ADDENDUM NO. 2

April 26, 2022

YOST ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS
Chesterton, IN 46304

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated March 31, 2022 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-3 and attached Addendum No. 2 from Gibraltar Design dated April 21, 2022 and consisting of 11 pages, Specification Section 05 44 00 - Cold-Formed Metal Trusses, Specification Section 09 65 68 - Roll Rubber Flooring, Specification Section 10 14 53 - Traffic Signs, Specification Section 11 52 13 - Power Operated Projection Screens, Specification Section 12 25 00 - Roller Shades, Hardware Sets 29 and 30, and 85 drawings.

A. SPECIFIATION SECTION 00 00 20 - TABLE OF CONTENTS

1. **Add:**

   Specification Section 05 44 00 - Cold-Formed Metal Trusses
   Specification Section 09 65 68 - Roll Rubber Flooring
   Specification Section 10 14 53 - Traffic Signs
   Specification Section 11 52 13 - Power Operated Projection Screens
   Specification Section 12 25 00 - Roller Shades

2. **Delete:**

   Specification Section 09 65 66 - Sheet Vinyl Sports Floor Covering

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. BID CATEGORY NO. 2 - SITEWORK/UTILITIES/PAVING

Add:

Specification Section Specification Section 10 14 53 - Traffic Signs

2. BID CATEGORY NO. 3 - GENERAL TRADES

Revise:

Clarification No. 15:
Regarding Specification Section 07 21 13 Board Insulation; the **Bid Category No. 3 Contractor** shall provide all Board Insulation at the perimeter foundation walls, and below concrete slabs.

Revise:

Clarification No. 8:
The **Bid Category No. 3 Contractor** is to include $35,000 in their bid for costs associated with the submittal website and document management subscription. Any unused amount will be credited back to the Owner as a deductive Change Order.

Add:

Specification Section 11 52 13 - Power Operated Projection Screens
Specification Section 12 25 00 - Roller Shades

3. BID CATEGORY NO. 4 - MASONRY

Delete:

Specification Section 07 21 13 - Board Insulation (As Applicable)

Delete:

Clarification No. 4 in its entirety.

4. **BID CATEGORY NO. 6 - METAL STUDS/DRYWALL AND ACOUSTICS**

Add:

Specification Section 05 44 00 - Cold-Formed Metal Trusses

Add:

Clarification No. 7:
The **Bid Category No. 6 Contractor** shall provide and remove the temporary insulation work associated with Note No. 52 as indicated on the Contract Documents.

5. **BID CATEGORY NO. 10 - CARPET/RESILIANT FLOORING**

Delete:

Specification Section 09 65 66 - Sheet Vinyl Sports Floor Covering

Add:

Specification Section 09 65 68 - Roll Rubber Flooring

C. SPECIFICATION SECTION 01 52 60 - RUBBISH CONTAINERS

1. **Replace:**

Specification Section Rubbish Containers - 01 52 60 with the attached revised section

SECTION 01 52 60 - RUBBISH CONTAINER

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

B. Building Demolition, Masonry, Roofing, and Metal Studs & Drywall Contractors are to provide their own rubbish containers (See Section 01 56 90, Paragraph 3.01C)

1.02 RUBBISH CONTAINER

A. The **Bid Category No. 3 Contractor** shall provide two hundred eighty (280) each 30 yarders dumpster type rubbish container for the Project waste, debris, and rubbish for all Contractors, except as specified in 1.01.B above, for the life of the Project.

B. This amount shall be listed on the Schedule of Values for approval. Any unused amounts shall be credit back to the Owner as a deductive Change Order.

C. Dispose of container contents weekly or at more frequent intervals if required by inadequate container capacity.

D. **Provide fifteen (15) one cubic yard mobile trash carts that can be used during the project by all Contractors, after the initial floors are cast.**

1. **The General Trades Contractor shall empty all one cubic yard trash carts at the end of the workday, regardless of the Prime Contractor filling the cart. All trash carts shall be returned to their appropriate spot upon being emptied. The General Trades Contractor will be fined $50 for every cart not emptied and returned to the original assigned location, as determined by the Construction Manager.**
2. **The Masonry, Roofing, and Metal Studs & Drywall Contractors are not permitted to use the one cubic yard trash carts supplied by the General Trades Contractor. The Masonry and Drywall Contractors are to supply sufficient trash carts to remove their debris on a daily basis. A $50 fine will be assessed for each cart container not emptied at the end of the day, as determined by the Construction Manager.**

1.03 TRASH CHUTES – Not Used

END OF SECTION 01 52 60

ADDENDUM TWO

Addendum Two (AD.02) to the drawings and specifications prepared by Gibraltar Design for **New Yost Elementary School** for Duneland School Corporation, Chesterton, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and Addendum One and include the appropriate content of same within their bid proposal.

ADDENDUM ONE

1. **Item No. 2 (Gibraltar Items) Specification Section 08 71 00 - Door Hardware**
   A. Replace Hardware Sets 29 and 30 with Hardware Sets 29 and 30 included in this Addendum.

SPECIFICATIONS

2. **Specification Section 00 01 10 Table of Contents**
   A. Add new Section 05 44 00, Cold-Formed Metal Trusses, into the Table of Contents.
   B. Delete Section 09 65 66, Sheet Vinyl Sports Floor Covering.
   C. Add new Section 09 65 68, Roll Rubber Flooring, into the Table of Contents.
   D. Add new Section 10 14 53, Traffic Signs, into the Table of Contents.
   E. Add new Section 11 52 13, Power Operated Projection Screens, into the Table of Contents.
   F. Add new Section 12 25 00, Roller Shades, into the Table of Contents.
3. **Specification Section 05 44 00 Cold-Formed Trusses**
   A. Add Specification Section 05 44 00, Cold-Formed Trusses, included in this Addendum, to the Project Manual.
4. **Specification Section 07 21 27 Enclosed Cavity Foamed Insulation**
   A. Gaco Firestone is hereby approved to bid as a manufacturer and The Insulation Guys, Rochester, Indiana, is hereby approved to bid as an installer for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.
5. **Specification Section 09 65 66 Sheet Vinyl Sports Floor Covering**
   A. Delete Section 09 65 66, Sheet Vinyl Sports Floor Covering, in its entirety.

6. Specification Section 09 65 68 Roll Rubber Flooring

A. Add new Specification Section 09 6 68, Roll Rubber Flooring, included in this addendum.

7. Specification Section 09 65 13 Resilient Flooring

A. Delete Paragraph 2.3.A.1 in its entirety and substitute the following:

"2.3.A.1. Tarkett Group, Chagrin Falls, Ohio."

8. Specification Section 10 14 53 Traffic Signs

A. Add Specification Section 10 14 53, Traffic Signs, included in this Addendum, to the Project Manual.

9. Specification Section 11 52 13 Power Operated Projection Screens

A. Add Specification Section 11 52 13, Power Operated Projection Screens, included in this Addendum, to the Project Manual.

10. Specification Section 11 66 23 Athletic Equipment

A. Add new Paragraph 2.2.B.5. as follows:

"5. Custom Pad Graphics: Provide for logo lettering to extend across all of the pads and a logo symbol directly below lettering, of colors selected by Owner."

11. Specification Section 12 25 00 Roller Shades

A. Add Specification Section 12 25 00, Roller Shades, included in this Addendum, to the Project Manual.

12. Specification Section 33 31 13 Site Sanitary

A. Add Paragraph 2.04 to read:

"2.04 Grease Interceptor

A. Provide a fabricated grease interceptor with rated flow and weight capacity and accessories as follows: 100 GPM, 210 Gal. solids, 753 Gal. Liquid.

B. Grease trap shall be Schier Model Number GB-1000. Alternate grease trap acceptable which provides flow and capacity requirements listed above and meets all local requirements."

13. Specification Section 22 13 00 Sanitary Distribution System

A. Delete Paragraph 2.01, Grease Interceptor, in its entirety.

14. Specification Section 23 09 23 Temperature Controls

A. Revise Paragraph 1.02 G to read:

"G. The intent of this specification is to provide seamless integration with the existing Schneider Electric I/A Series building automation system in place at Duneland School Corporation. Integration software and drivers being provided with the new project at New Newton Yost Elementary School must be seamlessly integrated into the existing Schneider Electric Web Server located at Duneland School Corporation. The existing Schneider Electric System in place consists of both N4 and legacy AX platforms that will be seamlessly integrated into the New Newton Yost Elementary School."

DRAWINGS

15. Sheet G-201

A. Refer to revised full size drawing, included in this Addendum, for labels added for Bus Drop-Off Canopy and Parent Drop-Off Canopy.

16. Sheet C-02

A. Refer to revised full size drawing, included in this Addendum, for added note that references Architectural Plan Sheets AD-001 and AD-002.

17. Sheet C-03

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Added note that references Architectural Plan Sheets AD-001 and AD-002.
2. Added note to remove the existing mechanical yard including all equipment, foundations, and conduits in their entirety.

18. Sheet C-04

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Add labels reflecting the proposed finish floor elevations for the new building.
2. Add Item K3 in the Legend as "Pavement Section, Heavy Duty".

19. Sheet C-05

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Add "K3, Pavement Section, Heavy Duty" detail.
2. Add Item K3 in the Legend as "Pavement Section, Heavy Duty".
3. Revise the pavement section at the north entrance/exit at the intersection of Wagner Road and Indiana Street from a "K1, Pavement Section, Light Duty" to a "K3, Pavement Section, Heavy Duty".

20. Sheet C-06

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Add "K3, Pavement Section, Heavy Duty" detail.
2. Add Item K3 in the Legend as "Pavement Section, Heavy Duty".

21. Sheet C-07

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Add "K3, Pavement Section, Heavy Duty" detail.
2. Add Item K3 in the Legend as "Pavement Section, Heavy Duty".

22. Sheet C-08

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Add "K3, Pavement Section, Heavy Duty" detail.
2. Add Item K3 in the Legend as "Pavement Section, Heavy Duty".
3. Revise the pavement section at the east exit at the intersection of Wagner Road and Michigan Street from a "K1, Pavement Section, Light Duty" to a "K3, Pavement Section, Heavy Duty".

4. Revise the pavement section at the Bus parking lot location from a "K1, Pavement Section, Light Duty" to a "K3, Pavement Section, Heavy Duty".
5. Add line and note south of the east exit at the intersection of Wagner Road and Michigan Street that defines the heavy duty pavement section limit.

23. Sheet C-09

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Add "K3, Pavement Section, Heavy Duty" detail.
2. Add Item K3 in the Legend as "Pavement Section, Heavy Duty".

24. Sheet C-10

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Add labels reflecting the proposed finished floor elevations for the new building.

25. Sheet C-11

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Revise "See Detail A: Sheet C-20" note to "see Detail A: Sheet C-22".

26. Sheet C-12

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Revise "See Detail B: Sheet C-20" note to "see Detail B: Sheet C-22".

27. Sheet C-13

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Revise "See Detail C: Sheet C-20" note to "see Detail C: Sheet C-22".
2. Revise "See Detail D: Sheet C-20" note to "see Detail D: Sheet C-22".
3. Revise "See Detail E: Sheet C-20" note to "see Detail E: Sheet C-22".
4. Revise "See Detail F: Sheet C-20" note to "see Detail F: Sheet C-22".
5. Revise "See Detail G: Sheet C-20" note to "see Detail G: Sheet C-22".
6. Revise "See Detail H: Sheet C-20" note to "see Detail H: Sheet C-22".

28. Sheet C-14

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Revise "See Detail I: Sheet C-20" note to "see Detail I: Sheet C-22".
2. Revise "See Detail J: Sheet C-20" note to "see Detail J: Sheet C-22".
3. Revise "See Detail K: Sheet C-20" note to "see Detail K: Sheet C-22".
4. Revise "See Detail L: Sheet C-20" note to "see Detail L: Sheet C-22".
5. Revise "See Detail M: Sheet C-20" note to "see Detail M: Sheet C-22".
6. Revise "See Detail N: Sheet C-20" note to "see Detail N: Sheet C-22".

29. Sheet C-16

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Add Note 17 to the Water Main Notes section reflecting PVC C900, DR-14 installation requirements.

2. Add Note 18 to the Water Main Notes section reflecting fire hydrant installation requirements.
3. Add Note 19 to the Water Main Notes section reflecting the Contractor's option to substitute water services from ductile iron pipe to PVC C900, DR-14.
4. Clarification: Note for pipe between STR. 32 and STR. 24 shall be adjusted from 18" DIA PVC SDR-35 to 12" DIA PVC SDR-35.
5. Revise note that reflects the vertical separation between the storm pipe from STR. 24 to the East Pond and the sanitary pipe from STR. 12 to STR. 14 from 16" to 7".
6. Revise "Pro. Grease Trap; See Sheet C-24 for Detail" note to "Pro. Grease Trap; See Sheet C-25 for Detail".
7. Revise material of pipe from STR. 24 to the flared end section in the East Pond from PVC SDR-35 to Reinforced Concrete Pipe (RCP).
8. Revise the flared end section invert that leaves the East Pond from 626.50 to 625.50.
9. Revise the flared end section invert that enters the North Pond from the East Pond from 625.70 to 625.00.
10. Revise the size of pipe that connects the East Pond and North Pond from 12" DIA to 24" DIA.
11. Add Note 8 to the Utility Notes section reflecting RCP installation requirements.
12. Add Note 9 to the Utility Notes section reflecting the Contractor's option to substitute PVC SDR-35 storm pipe for RCP as noted.

30. Sheets C-17, C-18, C-19

A. Refer to Three (3) revised full size drawings, included in this Addendum, for the following revisions:

1. Add Note 17 to the Water Main Notes section reflecting PVC C900, DR-14 installation requirements.
2. Add Note 18 to the Water Main Notes section reflecting the fire hydrant installation requirements.
3. Add Note 19 to the Water Main Notes section reflecting the Contractor's option to substitute water services from ductile iron pipe to PVC C900, DR-14.
4. Add Note 8 to the Utility Note section reflecting RCP installation requirements.
5. Add Note 9 to the Utility Notes section reflecting the Contractor's option to substitute PVC SDR-35 storm pipe for RCP as noted.

31. Sheet C-20

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Add Item 61 in the Legend as "R5-1, Sign, "Do Not Enter", 30"X30"".
2. Add "Stop" sign north of the east exit at the intersection of Wagner Road and Michigan Street.
3. Add "Do Not Enter" sign at both "Stop" sign locations of the east exit at the intersection of Wagner Road and Michigan Street.

32. Sheet C-23

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Revise Water Mai Adjustment Detail note to reflect pipe material may be ductile iron pipe or PVC C900, DR-14.
2. Add "Pipe Restrictor" Detail.

33. Sheet C-24

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Add "K3, Pavement Section, Heavy Duty" Detail.

34. Sheet C-25

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. GB-1000 Grease Interceptor, or approved equal, shall be installed.
   2. Add note to Long Side Vault" Detail to reference fire protection connection shall be in accordance with FP-001 on the Fire Protection Plans.
   3. Add note to "Short Side Vault" detail to reference fire protection connection shall be in accordance with FP-001 on the Fire Protection Plans.

35. Sheet S-201A

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Footing steps revised on north wall along grid north between grids 23-25.
   2. Concrete pier added to column at grid intersection 23/N.

36. Sheet S-201B

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Footing steps revised on north wall along grid north between grids 19-23, near grid 7.
   2. Footing steps revised on west wall along grid 8.
   3. Concrete piers added to columns at grid intersections N/7, N/22, and N/23.
   4. Section reference corrected in Keyed Notes.

37. Sheet S-201C

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Footing steps revised on north wall along grid N, between grids 4-7.
   2. Concrete piers added to columns at grid intersections N/5, N/6, and N/7.

38. Sheet S-201D

A. Refer to revised full size drawing, included in this Addendum, for added reference to foundation section for volleyball net insert.

39. Sheet S-402

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Dimensions between face of existing wall and face of new wall added to Sections 14A and 14B.
   2. Section 14 added for volleyball net inserts.

40. Sheet S-420

A. Refer to revised full size drawing, included in this Addendum, for Section 6 – Note 1 revised.

41. Sheets A-101 through A-105

A. Refer to five (5) revised full size drawings, included in this Addendum, for the following revisions:

1. Plan Notes: Change Note 22 for fire extinguisher to Note 14 to eliminate duplicate note numbers.
2. Change Note 22 in Mezzanines to Note 14.

42. Sheet A-102

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Revise wall types around Mech B-128 and Elec B-129.
2. Add Note 14 to Mech B-128.

43. Sheet A-103

A. Refer to revised full size drawing, included in this Addendum, for the following revision:

1. Unit "B" Architectural Mezzanine Plan 2/A-103: Add roof ladder and Note 13 to the north of center mechanical unit.

44. Sheet A-201

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Omit the aluminum wall ladder and Keynote 1 from north wall of Unit B Mezzanine.
2. Add roof hatch and Keynote 2 to the same roof.

45. Sheets A-310, A-311, A-312, A-313

A. Refer to Four (4) revised full size drawings, included in this Addendum, for the following revisions:

1. Update graphics to coordinate exterior lighting locations on all elevations.
2. Remove Note 23 where lights have been eliminated.

46. Sheet A-501

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Add detail Rubber Floor Insert as 16/A-501 in place of Not Used.

47. Sheets A-701, A-702, A-703, A-704, A-705

A. Refer to Five (5) revised full size drawings, included in this Addendum, for the following revisions:

1. Noted location of semi-recessed fire extinguisher.
2. Change Equipment Note 12 to read: Folding Partition Alternate shall be manual.

48. Sheet A-802 and A-804

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Note change of location of floor finish.

49. Sheet A-820

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Added "B" carpet package to Finish Schedule.
2. Change of RB1, Millwork Base color.

3. Added color for ACT4 metal ceiling.
4. Added stair tread/Risers color.
5. Added wood door color.
6. Added color for Roller Shades

50. Sheet A-831

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Revised General Terrazzo note G.
   2. Added note M to General Terrazzo notes.

51. Sheet A-840

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Omitted cross court lines.
   2. Changed court line colors in plan notes.

52. Sheets A-902, A-904, A-905

A. Refer to Three (3) revised full size drawings, included in this Addendum, for updated exterior lighting at canopies to coordinate with Electrical drawings.

53. Sheet MV102

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Added transfer air grilles.
   2. Revised exhaust grille size.
   3. Revised return grille size and ductwork.

54. Sheet MV104

A. Refer to revised full size drawing, included in this Addendum, for removed tag for return grilles.

55. Sheet MV105

A. Refer to revised full size drawing, included in this Addendum, for revised supply grilles and ductwork.

56. Sheet MV106

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Added airflow measuring stations to supply air and outside air for AH-1, AH-2, AH-3, AH-4, AH-5, AH-6 and AH-7.

57. Sheet MP101

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Added 3-way valves to VAV-31 and VAV-3R.
   2. Removed guards from (12) classroom thermostats.

58. Sheet MP102

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Added 3-Way valve to VAV-2G.
   2. Removed guards from (8) classroom thermostats.

3. Added reverse acting thermostat in B133-KILN for GEF-1.
4. Revised condensate drain piping for AC-1.
5. Modified gas pipe sizing for the new medium pressure of 5 psi.

59. Sheet MP103

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Added 3-Way valves to VAV-1A and VAV-1M.
2. Removed guards from (10) classroom thermostats.

60. Sheet MP104

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Added 3-Way valve to VAV-31 and VAV-3R.
2. Removed guards for thermostat in D118-STEM.
3. Revised condensate drain piping for AC-1 and AC-4.
4. Revised CH-1 in D114-Vestibule to be fully recessed in wall.
5. Removed thermostats from D121-Boys RR and D122-Girls RR.
6. Modified gas pipe sizing for the new medium pressure of 5 psi.

61. Sheet MP105

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Change PRV valve incoming pressure from 2 psi to 5 psi.
2. Modified gas pipe sizing for the new medium pressure of 5 psi.

62. Sheet M-201

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Added condensate drain piping for AC-1 to floor drain to Mech B-128.
2. Modified gas service incoming pressure to 5 psi.
3. Modified gas pipe sizing for the new medium pressure of 5 psi.
4. Changed all PRV valves incoming pressure from 2 psi to 5 psi.
5. Modified the location of gas piping to new location of domestic water heaters.

63. Sheet M-202

A. Refer to revised full size drawing, included in this Addendum, for updated mechanical sections.

64. Sheet M-501

A. Refer to revised full size drawing, included in this Addendum, for revised CONTROLLED BY for GEF-1.

65. Sheet M-502

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Added F4 to Grilles, registers, diffusers schedule.
2. Revised gas schedule medium pressure for 2 psi to 5 psi.

66. Sheet M-601

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Revised the data for the expansion tank T-1 size for boiler plant.
2. Revised the data for the expansion tank, T-2, size for chiller plant.
3. Revised chiller pipe riser location I the "Chilled Water Piping Diagram".

67. Sheet M-602

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Revised "Hot Water Coil Piping Diagram".
   2. Removed "Hot Water Heating Coil Piping Diagram".

68. Sheet P-102

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Revised incoming domestic water service and incoming fire protection service.

69. Sheet P-202

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Revised incoming domestic water service and incoming fire protection service.
   2. Revised plumbing equipment in MECH B-128 to account for shift of fire protection and domestic water service.

70. Sheet P-501

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Removed grease trap from "Plumbing Equipment and Fixture Schedule" and updated sink model for S-2

71. Sheet P-601

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Revised "Incoming Domestic Water Service Diagram".

72. Sheet FP-001

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
   1. Revised "Incoming Fire Protection Service Diagram".
   2. Revised incoming fire protection and domestic service to create clearance for roll-up door.

73. Sheet E-002

A. Refer to revised full size drawing, included in this Addendum, for flagpole lighting added to site plan.

74. Sheet EL-101

A. Refer to revised full size drawing, included in this Addendum, for deleted exterior lighting.

75. Sheet EL-102

A. Refer to revised full size drawing, included in this Addendum, for revised canopy lighting and locations.

76. Sheet EL-103

A. Refer to revised full size drawing, included in this Addendum, for deleted exterior lighting.

77. Sheets EL-104 and EL-105

A. Refer to two (2) revised full size drawing, included in this Addendum, for revised canopy lighting.

78. Sheet EP-101

A. Refer to revised full size drawing, included in this Addendum, for revised location of CU-2 unit.

79. Sheet EP-102

A. Refer to revised full size drawing, included in this Addendum, for power added to door operators at Main Entry.

80. Sheet EP-103

A. Refer to revised full size drawing, included in this Addendum, for revised location of CU-3 unit.

81. Sheet EP-104

A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Revised projector screen location.
2. Added power to door operators.
3. Add TV power.

82. Sheet EP-105

A. Refer to revised full size drawing, included in this Addendum, for added TV power.

83. Sheet EP-108

A. Refer to revised full size drawing, included in this Addendum, for revised equipment locations in Mechanical Room.

84. Sheet E-602

A. Refer to revised full size drawing, included in this Addendum, for canopy light fixture EK added.

Pages 1 through 11, inclusive, Specification Sections 05 44 00, 09 65 68, 10 14 53, 11 52 13, and 12 25 00; Hardware Sets 29 and 30, and Eighty (85) Full-Size Drawings, constitute the total makeup of **Addendum Two**.

GIBRALTAR DESIGN

Y:\21-134 Duneland SC - New Yost ES\Specs\ADDENDUM TWO\AD02.doc

SECTION 05 44 00
COLD-FORMED METAL TRUSSES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Roof trusses.

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

A. Product Data: For the following:

1. Cold-formed steel truss materials.
2. Post-installed anchors.
3. Power-actuated fasteners.
4. Mechanical fasteners.

B. Shop Drawings:

1. Include layout, spacings, sizes, thicknesses, and types of cold-formed steel trusses; fabrication; and fastening and anchorage details, including mechanical fasteners.
2. Indicate reinforcing channels, opening framing, supplemental framing, strapping, bracing, bridging, splices, accessories, connection details, and attachment to adjoining work.

C. Delegated-Design Submittal: For cold-formed steel trusses. Submit shop drawings and calculations prepared by a Professional Engineer registered in the State of Indiana.

1.4 INFORMATIONAL SUBMITTALS

A. Welding certificates.

B. Product test reports.

C. Research Reports: For, from ICC-ES or other qualified testing agency acceptable to authorities having jurisdiction.

D. Field quality-control reports.

1.5 QUALITY ASSURANCE

A. Testing Agency Qualifications: Qualified according to ASTM E329 for testing indicated.

B. Product Tests: Mill certificates or data from a qualified independent testing agency.

C. Welding Qualifications: Qualify procedures and personnel according to the following:

1. AWS D1.1/D1.1M, "Structural Welding Code - Steel."
2. AWS D1.3/D1.3M, "Structural Welding Code - Sheet Steel."

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Delegated Design: Engage a qualified Professional Engineer registered in the State of Indiana to design cold-formed steel trusses.

B. Structural Performance: Provide cold-formed steel trusses capable of withstanding design loads within limits and under conditions indicated.

1. Design Loads: As indicated on Drawings.
2. Deflection Limits: Design trusses to withstand design loads without deflections greater than the following:
   a. Roof Trusses: Vertical deflection of 1/360 of the span.

3. Design trusses to provide for movement of truss members located outside the insulated building envelope without damage or overstressing, sheathing failure, connection failure, undue strain on fasteners and anchors, or other detrimental effects when subject to a maximum ambient temperature change of 120 deg F (67 deg C).

C. Cold-Formed Steel Truss Standards: Unless more stringent requirements are indicated, trusses shall comply with the following:

1. Floor and Roof Systems: AISI S210.
2. Lateral Design: AISI S213.
3. Roof Trusses: AISI S214.

D. Fire-Resistance Ratings: Comply with ASTM E119; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

2.2 COLD-FORMED STEEL TRUSS MATERIALS

A. Steel Sheet: ASTM A1003/A1003M, Structural Grade, Type H, metallic coated, of grade and coating designation as follows:

1. Grade: As required by structural performance.
2. Coating: G60 (Z180), A60 (ZF180), AZ50 (AZ150), or GF30 (ZGF90).

2.3 ROOF TRUSSES

A. Roof Truss Members: Manufacturer's standard steel sections.

1. Connecting Flange Width: 1-5/8 inches (41 mm), minimum at top and bottom chords connecting to sheathing or other directly fastened construction.
2. Minimum Base-Metal Thickness: 0.0538 inch (1.37 mm).

2.4 TRUSS ACCESSORIES

A. Fabricate steel-truss accessories from steel sheet, ASTM A1003/A1003M, Structural Grade, Type H, metallic coated steel sheet, of same grade and coating designation used for truss members.

B. Provide accessories of manufacturer's standard thickness and configuration unless otherwise indicated.

2.5 ANCHORS, CLIPS, AND FASTENERS

A. Steel Shapes and Clips: ASTM A36/A36M, zinc coated by hot-dip process according to ASTM A123/A123M.

B. Anchor Bolts: ASTM F1554, Grade 36, threaded carbon-steel hex-headed bolts, carbon-steel nuts, and flat, hardened-steel washers; zinc coated by hot-dip process according to ASTM A153/A153M, Class C.

C. Post-Installed Anchors: Fastener systems with bolts of same basic metal as fastened metal, if visible, unless otherwise indicated; with working capacity greater than or equal to the design load, according to an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC01 ICC-ES AC193 ICC-ES AC58 or ICC-ES AC308 as appropriate for the substrate.

1. Uses: Securing cold-formed steel trusses to structure.
2. Type: Torque-controlled expansion anchor or adhesive anchor.
3. Material for Interior Locations: Carbon-steel components zinc plated to comply with ASTM B633 or ASTM F1941 (ASTM F1941M), Class Fe/Zn 5, unless otherwise indicated.
4. Material for Exterior or Interior Locations and Where Stainless Steel Is Indicated: Alloy Group 1 (A1) stainless-steel bolts, ASTM F593 (ASTM F738M), and nuts, ASTM F594 (ASTM F836M).

D. Power-Actuated Fasteners: Fastener systems with working capacity greater than or equal to the design load, according to an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC70.

E. Mechanical Fasteners: ASTM C1513, corrosion-resistant-coated, self-drilling, self-tapping steel drill screws.

1. Head Type: Low-profile head beneath sheathing; manufacturer's standard elsewhere.

2.6 MISCELLANEOUS MATERIALS

A. Galvanizing Repair Paint: ASTM A780/A780M MIL-P-21035B or SSPC-Paint 20.

B. Shims: Load-bearing, high-density multimonomer, nonleaching plastic; or cold-formed steel of same grade and metallic coating as truss members supported by shims.

PART 3 - EXECUTION

3.1 PREPARATION

A. Before sprayed fire-resistive materials are applied, attach continuous angles, supplementary framing, or tracks to structural members indicated to receive sprayed fire-resistive materials.

B. After applying sprayed fire-resistive materials, remove only as much of these materials as needed to complete installation of cold-formed steel trusses without reducing thickness of fire-resistive materials below that required to obtain fire-resistance ratings indicated. Protect remaining fire-resistive materials from damage.

3.2 INSTALLATION

A. Install bridge, and brace cold-formed steel trusses according to AISI S200, AISI S202, AISI S214, and manufacturer's written instructions unless more stringent requirements are indicated.

1. Coordinate with wall framing to align webs of bottom chords and load-bearing studs or continuously reinforce track to transfer loads to structure.
2. Install continuous bridging and permanently brace trusses as indicated on Shop Drawings and designed according to CFSEI's Technical Note 551e, "Design Guide: Permanent Bracing of Cold-Formed Steel Trusses."

B. Install cold-formed steel trusses and accessories true to line and location, and with connections securely fastened.

C. Install temporary bracing and supports to secure trusses and support loads equal to those for which structure was designed. Maintain braces and supports in place,

undisturbed, until entire integrated supporting structure has been completed and permanent connections to trusses are secured.

D. Truss Spacing: As indicated on Drawings.

3.3 ERECTION TOLERANCES

A. Install cold-formed steel trusses level, plumb, and true to line to a maximum allowable tolerance variation of 1/8 inch in 10 feet (1:960) and as follows:

1. Space individual trusses no more than plus or minus 1/8 inch (3 mm) from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.

3.4 REPAIR

A. Galvanizing Repairs: Prepare and repair damaged galvanized coatings on fabricated and installed cold-formed steel trusses with galvanized repair paint according to ASTM A780/A780M and manufacturer's written instructions.

3.5 FIELD QUALITY CONTROL

A. Testing Agency: Owner will engage a qualified testing agency to perform tests and inspections.

B. Cold-formed metal trusses will be considered defective if they do not pass tests and inspections.

C. Prepare test and inspection reports.

END OF SECTION

SECTION 09 65 68
ROLL RUBBER FLOORING

1 General

1.1 Section Includes

A. Vulcanized Rubber Flooring System.

B. Floor preparation for rubber flooring.

C. Rubber wall base.

1.2 References

A. ASTM D395 – Rubber Property – Compression Set.

B. ASTM D623 – Rubber Property – Heat Generation and Flexing Fatigue in Compression.

C. ASTM D624 – Tear Strength of Conventional Vulcanized Rubber Thermoplastic Elastomers

D. ASTM D2047 – Static Coefficient of Friction of Polish-Coated Floor surfaces as Measured by the James Machine.

E. ASTM D2240 - Rubber Property - Durometer Hardness, Surface Abrasion.

F. ASTM D3673 – Chemical Analysis of Alpha Olefin Sulfonates.

G. ASTM F36 – Compressibility and Recovery of Gasket Material.

H. ASTM F147 – Flexibility of Non-Metallic Gasket Materials.

I. ASTM F1869: Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.

1.3 Performance Requirements

A. FreeWeight: Per manufacturers standards.

1.4 Qualifications

A. Flooring Contractor: Experienced in the flooring field and approved by manufacturer.

B. Applicator: Trained and approved by product manufacturer.

1.5 Submittals

A. Submit shop drawings.

B. Submit shop drawings indicating layout and dimensions for game lines.

C. Submit product data for flooring materials, finishing materials, and game line paint.

D. Submit samples illustrating colors and textures available, including game line paint.

E. Submit manufacturer's installation instructions.

F. Submit manufacturer's certificate that products meet or exceed specified requirements.

1.6 Maintenance Data

A. Submit cleaning and maintenance data.

B. Include procedures for stain removal, repairing surface, and cleaning.

C. Keep information updated through permanent customer mailing list.

1.7 Delivery, Storage, And Handling

A. Deliver products to site.

B. Store and protect products.

C. Store materials in a dry, secure area.

D. Maintain minimum temperature of 70 degrees F.

E. Keep products away from fire or open flame.

1.8 Environmental Requirements

A. Environmental temperatures must average a minimum of 65 degrees F for one full week preceding, throughout, and 72 hours following application.

B. Restrict traffic from area where flooring is being installed or is curing.

C. Moisture vapor emission content of the concrete slab must not exceed manufacturer's recommended criteria when using the calcium chloride test as per ASTM F1869.

2 Products

2.1 Materials

A. Flooring System: The complete installation of resilient vulcanized rubber flooring product, including adhesives and roll rubber product.

1. Basis of Design: Mondo Indoor Sport USA, Conshohocken, PA.

   a. Advance, Vulcanized Rubber Flooring, 10 mm.

2. Other Acceptable Manufacturers:

a. Robbins Sports Surfaces, Cincinnati, Ohio; Galaxy Fit, 10 mm

b. OSST Sport, Woodstock, Illinois; TeamPlay-Marble, 10 mm.

3. Location: Refer to Documents.

2.2 Rubber Base Materials

A. Acceptable Manufacturers:

1. Armstrong World Industries, Inc., Lancaster, Pennsylvania.

2. Johnsonite, Solon, Ohio.

3. Roppe Rubber Corporation, Fostoria, Ohio.

B. Rubber Base: Basis of Design – Johnsonite Millwork Wall Base, Reveal Style, 4.25-inches; 1/4 inch thick.

1. Colors as selected by Architect.

2.3 Accessories

A. Sub-Floor Filler: White premix latex; type recommended by Epoxy Sealer and Rubber Flooring manufacturers – for depth required to comply with existing material depth.

B. Edge Strips, Doorways and Transitions: Metal or Rubber trim strips for transitions as recommended by the manufacturer.

1. Type and color: To be approved and selected by architect from manufacturers standard systems, or as recommended by manufacturer.

C. Adhesives: Waterproof; types recommended by resilient base manufacturer.

D. Game-Line and Marker Paint: Complete system including primer, if any, compatible with the flooring system and recommended in writing by the Flooring and Paint manufacturers for use indicated.

1. Line work and colors are to match the gymnasium floors lines indicated in the construction documents, and if not fully delineated, comply with ISHAA standards for floor layout.

2. Properly clean new floor and prepare as recommended by the manufacturers.

3 Execution

3.1 Examination

A. Verify that substrate is ready to receive work, and that subfloor surface is clean and free of substances which could affect bond.

B. Prepare existing concrete slab with surface cleaning as required to allow for installation of rolled rubber floor system.

C. Concrete Slab Tolerance: Smooth, dense finish, highly compacted with a tolerance of 1/8'' in a 10 ft radius.

D. Installer shall perform tests for moisture and adhesion prior to application and provide remediation as required.

1. It will be the responsibility of the Flooring Contractor to treat the concrete slab, if necessary, to obtain the manufacturer's recommended moisture content. No extra expense will be allowed. All treatment required shall be included in the Contractor's bid. If the treatment is not required, a credit shall be given to the Owner.

E. Clean substrate surface free of foreign matter as recommended by the manufacturer.

F. Patch concrete floor substrate with filler to produce smooth, even surface.

G. Beginning of installation means acceptance of substrate.

3.2 Protection

A. Protect elements surrounding the work of this Section from damage or disfiguration.

3.3 Installation

A. General:

1. Apply flooring in accordance with manufacturer's instructions.

2. Lay out all material, making all fittings, cuttings, or corrections according to tolerances in rubber products before applying adhesives,

3. Use extreme care to check and immediately wipe off any excess adhesive squeezing through the seams or any spot showing on the finish surface.

4. Mix two-component Tacly Adhesive according to suppliers directions and spread adhesive using Pulastic-JV notched trowel.

5. Install flooring into freshly applied adhesive. End seams shall be overlapped and double cut; edge seams shall be factory edge – comply with manufacturers recommendations for all edge conditions.

B. Clean up all unused materials and debris and remove from the premises. Dispose of empty containers in accordance with federal and local statutes.

3.4 Protection

A. Cure Time:

1. No traffic or other trades shall be allowed on the surface for a period of one week following completion to allow for complete and proper cure of the finish.

B. Other Trades:

1. Protect the surface from damage by other trades before acceptance by the Owner or the Owner's Authorized Agent.

C. Safety:

1. No smoking, open flames, or sparks from electrical equipment or any other source shall be permitted during the installation process, or in areas where materials are stored.

3.5 Installation - Base Material

A. Fit joints tight and vertical.

B. Maintain minimum measurement of 18 inches between joints.

C. Miter internal corners.

1. At external corners, follow manufacturers recommendations.

D. Install base on solid backing.

1. Bond tight to wall surfaces.

2. Spread adhesive to full coverage with notched trowel.

E. Scribe and fit to door frames and other interruptions.

F. Install in and around all recesses, openings, equipment, etc.

3.6 Game Line And Markers

A. Mark Flooring at lines and markers to comply with rules and diagrams published by the Indiana High School Athletic Association (IHSAA) and/or to match the existing lines.

B. Layout game-lines and markers to comply with rules and diagrams published by the Indiana High School Athletic Association (IHSAA) and/or to match the existing lines for the athletic activities indicated.

3.7 Cleaning

A. Provide initial cleaning of floor surface as recommended by the manufacturer.

B. Remove excess adhesive from base and wall surfaces without damage.

C. Clean resilient base surfaces in accordance with manufacturer's instructions.

END OF SECTION

SECTION 10 14 53
TRAFFIC SIGNS

PART 1 - GENERAL

1.01 WORK INCLUDES

A. This work shall consist of furnishing and installing traffic signs.

1.02 REFERENCE DOCUMENTS

A. INDOT Standard Specifications, Section 802
B. INDOT Standard Specifications, Section 919

PART 2 - MATERIALS

A. Sign posts shall conform to INDOT Type 1 with reinforced anchor base.
B. Sign Sheet material shall conform to INDOT Standard Specification section919.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Posts shall be vertical after installation. All damaged posts shall be removed and replaced with an acceptable post.
B. Square reinforced anchor base shall be installed to INDOT standards.
C. Sign Sheets shall be securely fastened to posts per INDOT standards.

END OF SECTION

SECTION 11 52 13
POWER OPERATED PROJECTION SCREENS

1 General

1.1 Section Includes

A. Power operated projection screen.

1.2 Related Sections

A. Division 26 – Electrical: Wiring Devices.

1.3 Submittals

A. Submit product data under provisions of Division 1.

B. Submit manufacturer's installation instructions under provisions of Division 1.

1.4 Operation and Maintenance Data

A. Submit manufacturer's operation and maintenance data under provisions of Division 1.

1.5 Delivery, Storage, and Handling

A. Deliver products to site under provisions of Division 1.

B. Store and protect under provisions of Division 1.

2 Products

2.1 Materials

A. Projection Screens: Signature Series V as manufactured by Draper Screen Company, Inc., Spiceland, Indiana; Tensioned Advantage Deluxe Electrol as manufactured by Da-Lite Screen Company, Inc., Warsaw, Indiana; or approved equal.

1. Operation: Electric, three wire quick reversal motor in roller, lifetime lubricated; internal thermal overload protection; electric brake; rubber insulators; preset and adjustable limit switches; 3 inches diameter roller.

    a. Door Motor: 115 Volt AC, 60 Hz, 1.2 amp.

    b. Screen Motor: 115 Volt AC, 60 Hz, 1.4 amp.

2. Tab-Tensioning: Provide each side of surface with tab-guide cable system to maintain even lateral tension and to hold surface flat.

    a. Provide bottom of surface with black extruded aluminum weighted dowel.

3. Controls: Remote located; low voltage; up-down-stop flush mounted key operated button station.

4. Screen Surface: Matte white.

5. Borders: 2 inches black masking borders.

6. Mounting: As indicated.

7. Case: White aluminum construction; hinged panels to conceal screen when not in use.

8. Location and Size:

   a. Gymnasium D-103: 12'-0" wide by 9'-0" high, 6" Black Drop.

   b. Cafeteria E-106: 16'-0" wide by 9'-0" high, 12" Black Drop.

3 Execution

3.1 Installation

A. Install in accordance with manufacturer's installation instructions.

B. Division 26 will provide rough-in boxes in wall and concealed raceway from box to projection screen motors for control wiring.

   1. Division 26 will provide appropriate electrical disconnects and electrical connections to motors.

   2. Refer to Electrical and/or Technology Drawings for location of controllers.

END OF SECTION

SECTION 12 25 00
ROLLER SHADES

1 General

1.1 Section Includes

A. Manually operated sunscreen roller shades.

1.2 Related Sections

A. Section 06 10 00 – Rough Carpentry: Wood blocking and grounds for mounting roller shades and accessories.

B. Section 09 29 00 - Gypsum Board: Coordination with gypsum board assemblies for installation of shade pockets, closures and related accessories.

C. Section 09 51 00 - Acoustical Ceilings: Coordination with acoustical ceiling systems for installation of shade pockets, closures and related accessories.

1.3 References

A. ASTM G21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.

B. NFPA 701 - Fire Tests for Flame-Resistant Textiles and Films.

1.4 Submittals

A. Submit under provisions of Division 1.

B. Product Data: Manufacturer's data sheets on each product to be used, including:

C. Preparation instructions and recommendations.

D. Styles, material descriptions, dimensions of individual components, profiles, features, finishes and operating instructions.

E. Storage and handling requirements and recommendations.

F. Mounting details and installation methods.

G. Shop Drawings: Plans, elevations, sections, product details, installation details, operational clearances, and relationship to adjacent work.

H. Window Treatment Schedule; For All Roller Shades. Use same room designations as indicated on the Drawings and include opening sizes and key to typical mounting details.

I. Selection Samples: For each finish product specified, one set of shade cloth options, and aluminum finish color samples representing manufacturer's full range of available colors and patterns.

J. Maintenance Data: Methods for maintaining roller shades, precautions regarding cleaning materials and methods, instructions for operating hardware and controls.

1.5 Quality Assurance

A. Manufacturer Qualifications: Obtain roller shades through one source from a single manufacturer with a minimum of twenty years experience in manufacturing products comparable to those specified in this section.

B. Installer Qualifications: Installer trained and certified by the manufacturer with a minimum of ten years experience in installing products comparable to those specified in this section.

C. Fire-Test-Response Characteristics: Passes NFPA 701 small and large-scale vertical burn. Materials tested shall be identical to products proposed for use.

D. Anti-Microbial Characteristics: 'No Growth' per ASTM G21 results for fungi ATCC9642, ATCC 9644, ATCC9645.

1.6 Delivery, Storage, And Handling

A. Deliver shades in factory-labeled packages, marked with manufacturer and product name, fire-test-response characteristics, and location of installation using same room designations indicated on Drawings and in the Window Treatment Schedule.

1.7 Project Conditions

A. Environmental Limitations: Install roller shades after finish work including painting is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

1.8 Warranty

A. Roller Shade Hardware, Chain, and Shadecloth: Manufacturer's standard twenty-five year limited warranty.

B. Roller Shade Installation: One year from date of Substantial Completion, not including scaffolding, lifts, or other means to reach inaccessible areas.

2 Products

2.1 Roller Shades – Acceptable Manufacturers

A. Basis of Design: MechoShade Systems, Inc., Long Island City, New York.

B. Requests for substitutions will be considered in accordance with provisions of Division 1.

2.2 Applications/Scope

A. Roller Shade Schedule:

1. Shade Type 1: Manual operating, chain drive, sunscreen roller shades in all spaces shown on the Drawings.

2.3 Shade Cloth

A. Solar Shades required for Shade Type 1:

1. Extra Dense Twill Weave "6000" series, 2-3 percent open.

2. Color: Selected from manufacturer's standard colors.

2.4 Shade Band

A. Shade Bands: Construction of shade band includes the fabric, the hem weight, hem-pocket, shade roller tube, and the attachment of the shade band to the roller tube. Sewn hems and open hem pockets are not acceptable.

B. Hem Pockets and Hem Weights: Fabric hem pocket with RF-welded seams (including welded ends) and concealed hem weights. Hem weights shall be of appropriate size and weight for shade band. Hem weight shall be continuous inside a sealed hem pocket. Hem pocket construction and hem weights shall be similar, for all shades within one room.

C. Shade Band and Shade Roller Attachment:

1. Use extruded aluminum shade roller tube of a diameter and wall thickness required to support shade fabric without excessive deflection. Roller tubes less than 1.55 inches in diameter for manual shades, and less than 2.55 inches for motorized shades are not acceptable.

2. Provide for positive mechanical engagement with drive/brake mechanism.

3. Provide for positive mechanical attachment of shade band to roller tube; shade band shall be made removable/replaceable with a "snap-on", snap-off" spline mounting, without having to remove shade roller from shade brackets.

4. Mounting spline shall not require use of adhesives, adhesive tapes, staples, and/or rivets.

5. Any method of attaching shade band to roller tube that requires the use of adhesives, adhesive tapes, staples, and/or rivets are not acceptable.

2.5 Shade Fabrication

A. Fabricate units to completely fill existing openings from head to sill and jamb-to-jamb, unless specifically indicated otherwise.

B. Fabricate shadecloth to hang flat without buckling or distortion. Fabricate with heat-sealed trimmed edges to hang straight without curling or raveling. Fabricate unguided shadecloth to roll true and straight without shifting sideways more than 1/8 inch in either direction per 8 feet of shade height due to warp distortion or weave design.

C. Provide blackout shadebands, when used in side channels, with horizontally mounted, roll-formed stainless steel or tempered-steel battens not more than 3 feet on center extending fully into the side channels. Conceal battens in an integrally-colored fabric to match the inside and outside colors of the shadeband, in accordance with manufacturer's published standards for spacing and requirements.

1. Battens: Roll formed of stainless steel or tempered steel and concave to match the contour of the roller tube.

D. Fabricate hem as follows:

1. Bottom hem weights.

2. Provide battens in standard shades as required to assure proper tracking and uniform rolling of the shadebands. Contractor shall be responsible for assuring the width-to-height (W:H) ratios shall not exceed manufacturer's standards or, in absence of such standards, shall be responsible for establishing appropriate standards to assure proper tracking and rolling of the shadecloth within specified standards. Battens shall be roll-formed stainless steel or tempered steel, as required.

2.6 Components

A. Access and Material Requirements:

1. Provide shade hardware allowing for the removal of shade roller tube from brackets without removing hardware from opening and without requiring end or center supports to be removed.

2. Provide shade hardware that allows for removal and re-mounting of the shade bands without having to remove the shade tube, drive or operating support brackets.

3. Use only Delrin engineered plastics by DuPont for all plastic components of shade hardware. Styrene based plastics, and/or polyester, or reinforced polyester will not be acceptable.

B. Manual Operated Chain Drive Hardware and Brackets:

1. Provide for universal, regular and offset drive capacity, allowing drive chain to fall at front, rear or non-offset for all shade drive end brackets. Universal offset shall be adjustable for future change.

2. Provide hardware capable for installation of a removable fascia, for both regular and/or reverse roll, which shall be installed without exposed fastening devices of any kind.

3. Provide positive mechanical engagement of drive mechanism to shade roller tube. Friction fit connectors for drive mechanism connection to shade roller tube are not acceptable

4. Provide shade hardware constructed of minimum 1/8-inch (3.18 mm) thick plated steel or heavier as required to support 150 percent of the full weight of each shade.

C. Drive Bracket/Brake Assembly:

1. MechoShade Drive Bracket Model M5 shall be fully integrated with all MechoShade accessories, including, but not limited to, SnapLoc fascia, room darkening side/sill channels, center supports, and connectors for multi-banded shades.

2. M5 drive sprocket and brake assembly shall rotate and be supported on a welded 3/8 inch steel pin.

3. The brake shall be an over - running clutch design which disengages to 90 percent during the raising and lowering of a shade. The brake shall withstand a pull force of 50 lbs. in the stopped position.

4. The braking mechanism shall be applied to an oil-impregnated hub on to which the brake system is mounted. The oil impregnated hub design includes an articulated brake assembly, which assures a smooth, non-jerky operation in raising and lowering the shades. The assembly shall be permanently lubricated. Products that require externally applied lubrication and or not permanently lubricated are not acceptable.

5. The entire M5 assembly shall be fully mounted on the steel support bracket, and fully independent of the shade tube assembly, which may be removed and reinstalled without effecting the roller shade limit adjustments.

D. Drive Chain: #10 qualified stainless steel chain rated to 90 pounds minimum breaking strength. Nickel plate chain shall not be accepted.

2.7 Accessories

A. Fascia (for Shade Type indicated on drawings):

1. Continuous removable extruded aluminum fascia that attaches to shade mounting brackets without the use of adhesives, magnetic strips, or exposed fasteners.

2. Fascia shall be able to be installed across two or more shade bands in one piece.

3. Fascia shall fully conceal brackets, shade roller and fabric on the tube.

4. Provide bracket/fascia end caps where mounting conditions expose outside of roller shade brackets.

5. Notching of Fascia for manual chain shall not be acceptable.

6. Color: Custom Kynar color as selected by Architect.

3 Execution

3.1 Examination

A. Do not begin installation until substrates have been properly prepared.

B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 Preparation

A. Clean surfaces thoroughly prior to installation.

B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 Installation

A. Install roller shades level, plumb, square, and true according to manufacturer's written instructions, and located so shade band is not closer than 2 inches (50 mm) to interior face of glass. Allow proper clearances for window operation hardware.

B. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.

C. Clean roller shade surfaces after installation, according to manufacturer's written instructions.

D. Engage Installer to train Owner's maintenance personnel to adjust, operate and maintain roller shade systems.

3.4 Protection

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

HARDWARE GROUP NO. 29

For use on Door #(s):
B-125A D-103A

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
2	EA	PANIC HARDWARE	9947WDC-L-2-LBR-06-SNB	626	VON
4	EA	RIM HOUSING	20-079	626	SCH
4	EA	PERMANENT CORE	MATCH EXISTING KEYING SYSTEM	626	SCH
2	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	SILENCER	SR64	GRY	IVE

HARDWARE GROUP NO. 30

For use on Door #(s):
D-118A E-106A

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
2	EA	PANIC HARDWARE	9947WDC-L-2-LBR-06-SNB	626	VON
4	EA	RIM HOUSING	20-079	626	SCH
4	EA	PERMANENT CORE	MATCH EXISTING KEYING SYSTEM	626	SCH
2	EA	SURFACE CLOSER	4040XP SHCUSH	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	SILENCER	SR64	GRY	IVE

FIRST FLOOR ROOM SCHEDULE

Number	Name
A-101	VESTIBULE
A-102	COMMONS
A-103	SGI
A-104	KINDERGARTEN
A-105	T
A-106	T
A-107	KINDERGARTEN
A-108	RR
A-109	RR
A-110	CORRIDOR
A-111	GRADE 1 CLASSROOM
A-112	GRADE 1 CLASSROOM
A-113	GRADE 2 CLASSROOM
A-114	GRADE 2 CLASSROOM
A-115	GRADE 2 CLASSROOM
A-116	GRADE 2 CLASSROOM
A-117	GRADE 1 CLASSROOM
A-118	GRADE 1 CLASSROOM
A-119	SGI
A-120	KINDERGARTEN
A-121	T
A-122	T
A-123	KINDERGARTEN
A-124	JANITOR
A-125	TECH
A-126	WORKROOM

FIRST FLOOR ROOM SCHEDULE

Number	Name
B-101	VEST
B-102	RECEPTION /WAITING
B-103	CORRIDOR
B-104	CONFERENCE
B-105	WORKROOM
B-106	PRINCIPAL
B-107	CL
B-108	ELEC
B-109	DEAN
B-110	TOILET
B-111	TOILET
B-112	STORAGE
B-113	TOILET
B-114	CLINIC
B-115	COMMONS
B-115A	FAMILY RR
B-116	CORRIDOR
B-117	SE
B-118	FLEX
B-119	READING
B-120	BOYS RR
B-121	GIRLS RR
B-122	COUNSELOR
B-122A	CALMING
B-123	CORRIDOR
B-124	STAIR
B-125	MEDIA CENTER
B-126	MEDIA OFFICE
B-127	STORAGE
B-128	MECH
B-128A	RECEIVING
B-129	ELEC
B-130	MECH YARD
B-131	ART
B-132	ART STORAGE
B-133	KILN
B-134	TECH
B-135	CORRIDOR
B-136	BOYS RR
B-137	GIRLS RR
B-138	PASS
B-139	CALMING
B-140	LGI
B-140A	TOILET
B-141	SPEECH
B-142	SGI
B-143	STORAGE
B-144	ELEC

FIRST FLOOR ROOM SCHEDULE

Number	Name
C-101	CORRIDOR
C-102	WORKROOM
C-103	GRADE 4 CLASSROOM
C-104	GRADE 4 CLASSROOM
C-105	INSTRUCTIONAL COACH
C-106	GRADE 3 CLASROOM
C-107	GRADE 3 CLASSROOM
C-108	SE
C-109	FLEX
C-110	GRADE 3 CLASSROOM
C-111	GRADE 3 CLASSROOM
C-112	RR
C-113	RR
C-114	STORAGE
C-115	GRADE 4 CLASSROOM
C-116	GRADE 4 CLASSROOM
C-117	STORAGE
C-118	JANITOR
C-119	TECH

FIRST FLOOR ROOM SCHEDULE

Number	Name
D114A	PLAYGROUND STORAGE
D-101	VESTIBULE
D-102	CORRIDOR
D-103	GYMNASIUM
D-104	PE STORAGE
D-105	PLATFORM
D-105A	STAIR
D-106	RAMP
D-107	OFFICE
D-108	CHAIR STORAGE
D-109	ELEC
D-110	FAMILY RR
D-111	FAMILY RR
D-112	STAIR
D-113	OUTDOOR STORAGE
D-114	VESTIBULE
D-115	CORRIDOR
D-116	COMMONS
D-117	CORRIDOR
D-118	STEM
D-119	STEM STORAGE
D-120	JANITOR
D-121	BOYS RR
D-122	GIRLS RR

FIRST FLOOR ROOM SCHEDULE

Number	Name
E-101	VESTIBULE
E-102	CORRIDOR
E-103	MUSIC
E-104	MUSIC STORAGE
E-105	FACULTY LOUNGE
E-106	CAFETERIA
E-106A	JAN
E-107	SERVING
E-108	KITCHEN
E-109	OFFICE
E-110	RR
E-111	LAUNDRY/ LOCKERS
E-112	DRY STORAGE
E-113	FREEZER
E-114	COOLER
E-115	DISHWASHING

PLUMBING FIXTURE COUNTS

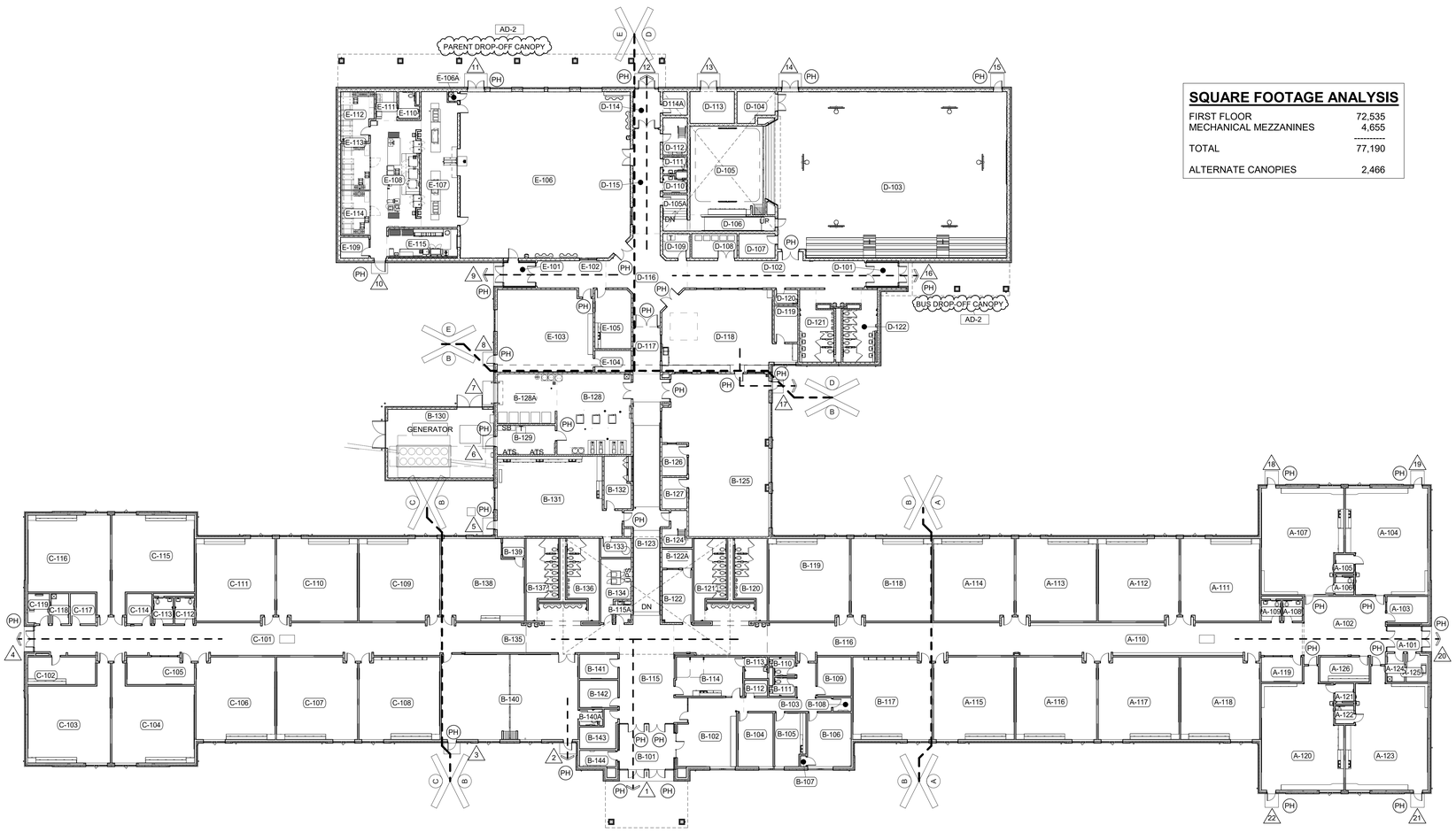
USER GROUP	NUMBER OF USERS	USERS PER GENDER	WATER CLOSETS		LAVATORIES		SHOWERS		DRINKING FTNS.		SERVICE SINKS	
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
STAFF	50	M: 25	1	6	1	6	NA	NA	8	8	1	2
		F: 25										
KITCHEN	10	M: 5	1	1	1	1	NA	NA				
		F: 5										
3-5 GRADE STUDENTS	650	M: 325	7	14 WC 9 URNL	9	36 SHARED	NA	NA				
		F: 325	7	23 WC	9							
CLINIC	SAME STUDENTS			1		1	NA	NA				

ROOM OCCUPANT LOADS (PER IBC WITH STATE AMENDMENTS)

AC	ASSEMBLY CHAIRS ONLY - NOT FIXED	7 SF NET
AT	ASSEMBLY WITH TABLES AND CHAIRS	15 SF NET
AS	ASSEMBLY STANDING SPACE	5 SF NET
AF	ASSEMBLY (WITH FIXED SPECTATOR SEATING)	ACTUAL
AP	ASSEMBLY (POOL)	50 SF GROSS
AD	ASSEMBLY (POOL DECK)	15 SF GROSS
LB	LIBRARY (READING ROOM)	50 SF NET
LS	LIBRARY (STACKS)	100 SF GROSS
BU	BUSINESS AREAS	100 SF GROSS
LR	LOCKER ROOMS	50 SF GROSS
EC	EDUCATIONAL CLASSROOM	20 SF NET
ST	STORAGE	300 SF GROSS
KT	KITCHEN (CONCESSIONS)	200 SF GROSS
UT	UTILITY (MECH/ELEC/TECH/CUST)	300 SF GROSS
OP	OUTPATIENT (CLINIC)	100 SF NET
SP	STAGES AND PLATFORMS	15 SF NET

XX ——— FUNCTION OF SPACE (REFER TO ROOM OCCUPANT LOADS ABOVE)
XX ——— OCCUPANT LOAD PER FLOOR AREA (FOR EXIT CALCULATIONS)
XX ——— USER OCCUPANT LOAD (FOR PLUMBING FIXTURE CALCULATIONS)

(E) ——— OCCUPANT TYPE



1 G-201 **FIRST FLOOR LIFE SAFETY PLAN**
1" = 20'-0"

NORTH

SQUARE FOOTAGE ANALYSIS

FIRST FLOOR	72,535
MECHANICAL MEZZANINES	4,655
TOTAL	77,190
ALTERNATE CANOPIES	2,466

LIFE SAFETY GENERAL NOTE

LIFE SAFETY INFORMATION IS PROVIDED FOR USE BY ALL CONTRACTORS. CONTRACTORS ARE RESPONSIBLE FOR COMPLYING WITH CODE REQUIREMENTS (INCLUDING BUT NOT LIMITED TO: RATED ASSEMBLIES, FIRE PROTECTION, FIRESTOPPING, DAMPERS, AND HARDWARE) INDICATED INCLUDING CONDITIONS WHERE THESE REQUIREMENTS ARE NOT DETAILED. REPORT CONFLICTS OR DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK.

LIFE SAFETY PLAN LEGEND

DOORS WITH PANIC HARDWARE — (PH)

MAJOR EGRESS ROUTES

MAXIMUM OCCUPANT LOAD SERVED BY EXIT — 320

DESIGN OCCUPANT LOAD — 306

MAXIMUM OCCUPANT LOAD SERVED BY STAIR — 210

BUILDING DOOR NUMBER (VINYL NUMBER) — 30

BUILDING CODE INFORMATION

1. BUILDING DESCRIPTION:

THE PROJECT INVOLVES CONSTRUCTION OF A NEW 1-STORY ELEMENTARY SCHOOL WITH 72,535 SQ FT OF FLOOR AREA. THERE WILL ALSO BE TWO (2) UPPER LEVEL EQUIPMENT PLATFORMS.

2. APPLICABLE CODES:

- GENERAL ADMINISTRATION RULES [GENERAL ADMINISTRATION RULES (GAR)(UPDATED 8/1/2014) (AMENDED 12/1/2014)]
- BUILDING CODE [2014 INDIANA BUILDING CODE (IBC) - EFFECTIVE DECEMBER 1, 2014]
- FIRE CODE [2014 INDIANA FIRE CODE (IFC) - EFFECTIVE DECEMBER 1, 2014]
- PLUMBING CODE [2012 INDIANA PLUMBING CODE (IPC) - EFFECTIVE DECEMBER 24, 2014]
- ELECTRICAL CODE [2009 INDIANA ELECTRICAL CODE (IEC) - EFFECTIVE AUGUST 26, 2009]
- MECHANICAL CODE [2014 INDIANA MECHANICAL CODE (IMC) - EFFECTIVE DECEMBER 1, 2014]
- HANDICAPPED ACCESSIBILITY CODE [2014 INDIANA BUILDING CODE - CHAPTER 11 ACCESSIBILITY]
- ENERGY CODE [2010 INDIANA ENERGY CONSERVATION CODE (IECC) - EFFECTIVE MAY 7, 2010]
- ELEVATOR SAFETY CODE [2011 INDIANA ELEVATOR SAFETY CODE (IESC)(UPDATED 9/28/11)]

3. USE AND OCCUPANCY CLASSIFICATION - INTERNATIONAL BUILDING CODE CHAPTER 3:

EDUCATIONAL USE AREAS FOR ELEMENTARY SCHOOL STUDENTS
- E OCCUPANCY [305.1]

ASSEMBLY USES ACCESSORY TO AN E OCCUPANCY ARE NOT CONSIDERED SEPARATE OCCUPANCIES [303.1.3]

ADMINISTRATIVE OFFICES - ACCESSORY OCCUPANCY
- B OCCUPANCY [304.1, 508.2]

4. GENERAL BUILDING HEIGHT AND AREAS - INTERNATIONAL BUILDING CODE CHAPTER 5:

NEW BUILDING:
ALLOWABLE HEIGHT: 2 STORY/55 FEET (TABLE 503)
ALLOWABLE BUILDING AREA: UNLIMITED (TABLE 503/IND. CODE)

ACTUAL AREA: (ADDITION)
FIRST FLOOR: 72,535 SF
SECOND FLOOR MECHANICAL: 4,655 SF

MIXED USE AND OCCUPANCY (SECTION 508)

INCIDENTAL USE AREAS:
WALLS FOR THESE AREAS ARE REQUIRED TO TERMINATE AT THE DECK, WITH SELF-CLOSING DOORS
- BOILER AND FURNACE ROOMS WITH EQUIPMENT SIZED AS INDICATED IN TABLE 509 [TABLE 509, SEC. 509.4.2]

FIRE AND/OR SMOKE DAMPERS ARE NOT REQUIRED IN DUCT PENETRATIONS OF THESE SEPARATIONS

AUTOMATIC SPRINKLER SYSTEM AND SMOKE PARTITION (SECTION 508.2.2 AND TABLE 508.2)

OCCUPANCY SEPARATIONS NOT REQUIRED, BASED UPON CLASSIFICATION OF ASSEMBLY USES ACCESSORY TO AN EDUCATIONAL OCCUPANCY AS E OCCUPANCY AREAS [303.1.3]
ADMINISTRATIVE OFFICES LESS THAN 10% OF THE FLOOR AND LESS THAN THE TABULAR AREA - NOT REQUIRED TO BE SEPARATED [508.2]

5. TYPE OF CONSTRUCTION - INTERNATIONAL BUILDING CODE CHAPTER 6:

CONSTRUCTION TYPE:
TYPE VB (COMBUSTIBLE, UNPROTECTED) CONSTRUCTION PERMITTED BASED UPON UNLIMITED AREA PROVISIONS FOR 1-STORY GROUP E OCCUPANCIES, WHERE PROTECTED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND SURROUNDED BY AT LEAST 60 FEET [507.3]

BEARING WALLS, STRUCTURAL FRAME, AND ROOF ASSEMBLY ARE PERMITTED TO BE OF NONRATED COMBUSTIBLE CONSTRUCTION [TABLE 601]

EXTERIOR WALLS ARE PERMITTED TO BE NONRATED BASED UPON HAVING A FIRE SEPARATION DISTANCE OF 10 FEET OR MORE [705.5]

FIRE RESISTANT RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS - TABLE 601):

STRUCTURAL FRAME:	0
BEARING WALLS INTERIOR:	0
BEARING WALLS EXTERIOR:	0
NONBEARING WALLS AND PARTITIONS INTERIOR:	0
FLOOR CONSTRUCTION:	0
ROOF CONSTRUCTION:	0

FIRE SEPARATION DISTANCES (TABLE 602):

< 5:	2 HR
5 - 10:	1 HR
10 - 30:	0 HR
> 30:	0 HR

REFER TO THE SITE PLAN DRAWINGS FOR LOCATION OF BUILDING(S) ON SITE; DISTANCES TO CLOSEST INTERIOR LOT LINES; TO THE CENTER OF A STREET, ALLEY OR PUBLIC WAY; OR TO AN IMAGINARY LINE BETWEEN TWO BUILDINGS ON THE SAME LOT.

SMOKE DETECTORS ARE REQUIRED FOR HVAC SHUTDOWN FOR SYSTEMS DELIVERING IN EXCESS OF 2,000 CFM [606.1, IMC]

6. FIRE RESISTANCE RATE CONSTRUCTION - INTERNATIONAL BUILDING CODE CHAPTER 7:

PENETRATIONS THROUGH FIRE-RESISTANCE-RATED ASSEMBLIES SHALL BE PROVIDED WITH FIRESTOPPING PER PROJECT MANUAL.

FIRE WALLS NOT REQUIRED [503.1, 706]

CEILING AND FLOOR OPENINGS THROUGH NON-FIRE-RESISTANCE-RATED ASSEMBLIES SHALL BE PROVIDED WITH FIREBLOCKING PER PROJECT MANUAL.

ALL ANNULAR SPACE AT FLOOR PENETRATIONS AND FLOOR OPENINGS IN NEW CONSTRUCTION AND AREAS OF RENOVATION SHALL BE FILLED WITH AN APPROVED NON-COMBUSTIBLE MATERIAL. (FIREBLOCKING PER PROJECT MANUAL) TO RESIST THE FREE PASSAGE OF FLAME AND THE PRODUCT OF COMBUSTION [SECTION 713.4.2]

7. INTERIOR FINISHES - INTERNATIONAL BUILDING CODE CHAPTER 8:

ALL INTERIOR FINISHES SHALL COMPLY WITH CHAPTER 8.

8. FIRE PROTECTION SYSTEMS INTERNATIONAL BUILDING CODE CHAPTER 9:

AUTOMATIC SPRINKLERS ARE REQUIRED THROUGHOUT DUE TO E OCCUPANCY FIRE AREA EXCEEDING 12,000 SQ FT [903.2.2]

CLASS I STANDPIPES NOT REQUIRED BASED AUTOMATIC SPRINKLER PROTECTION THROUGHOUT THE BUILDING [905.3.1.1]

FIRE ALARM SYSTEM REQUIRED THROUGHOUT - MANUAL PULL STATIONS ARE NOT REQUIRED BASED UPON AUTOMATIC SPRINKLER INITIATION OF THE SYSTEM [907.2.3, EXC.]

9. MEANS OF EGRESS - INTERNATIONAL BUILDING CODE CHAPTER 10:

THE MEANS OF EGRESS REQUIREMENTS SHALL BE DETERMINED BY THE ACTUAL OR COMPUTED NUMBER OF OCCUPANTS WHICHEVER IS THE LARGEST NUMBER. REFER TO THE CODE PLANS FOR ROOM OCCUPANT LOADS.

POSTING OF OCCUPANT LOAD: (SECTION 1004.3) EVERY ROOM OF ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE.

EGRESS WIDTH PER OCCUPANT SERVED: (SECTION 1005.1)
OTHER OCCUPANTS - 0.20 INCHES PER OCCUPANT
STAIRS - 0.30 INCHES PER OCCUPANT

AREAS OR ROOMS WITH 50 OR MORE OCCUPANTS SHALL BE PROVIDED WITH TWO OR MORE MEANS OF EGRESS; 500 OR MORE OCCUPANTS SHALL BE PROVIDED WITH THREE OR MORE MEANS OF EGRESS; AND 1000 OR MORE OCCUPANTS SHALL BE PROVIDED WITH FOUR OR MORE MEANS OF EGRESS.

SIZE OF DOORS: (SECTION 1008.1.1) MINIMUM CLEAR WIDTH 32"

COMMON PATH OF TRAVEL: (1014.3.1) 100; MAX

EXIT ACCESS TRAVEL DISTANCE: (TABLE 1016.1)
200' WITHOUT SPRINKLER SYSTEM
250' WITH SPRINKLER SYSTEM

MINIMUM CORRIDOR WIDTH: (SECTION 1017.2)
44" TYPICAL
24" TO ELECTRICAL, MECHANICAL, PLUMBING
36" < 50 OCCUPANTS

CORRIDOR FIRE RESISTANCE RATING: (TABLE 1017.1) 0 HOURS.

MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD (TABLE 1019.1)

1 - 500	2 EXITS
500 - 1000	3 EXITS
1000	4 EXITS

10. STRUCTURAL DESIGN LOADS:

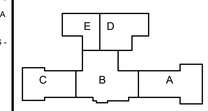
REFER TO STRUCTURAL DRAWINGS FOR CODE REQUIREMENTS.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN — NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

REGISTERED ARCHITECT NO. AR11600005 STATE OF INDIANA

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

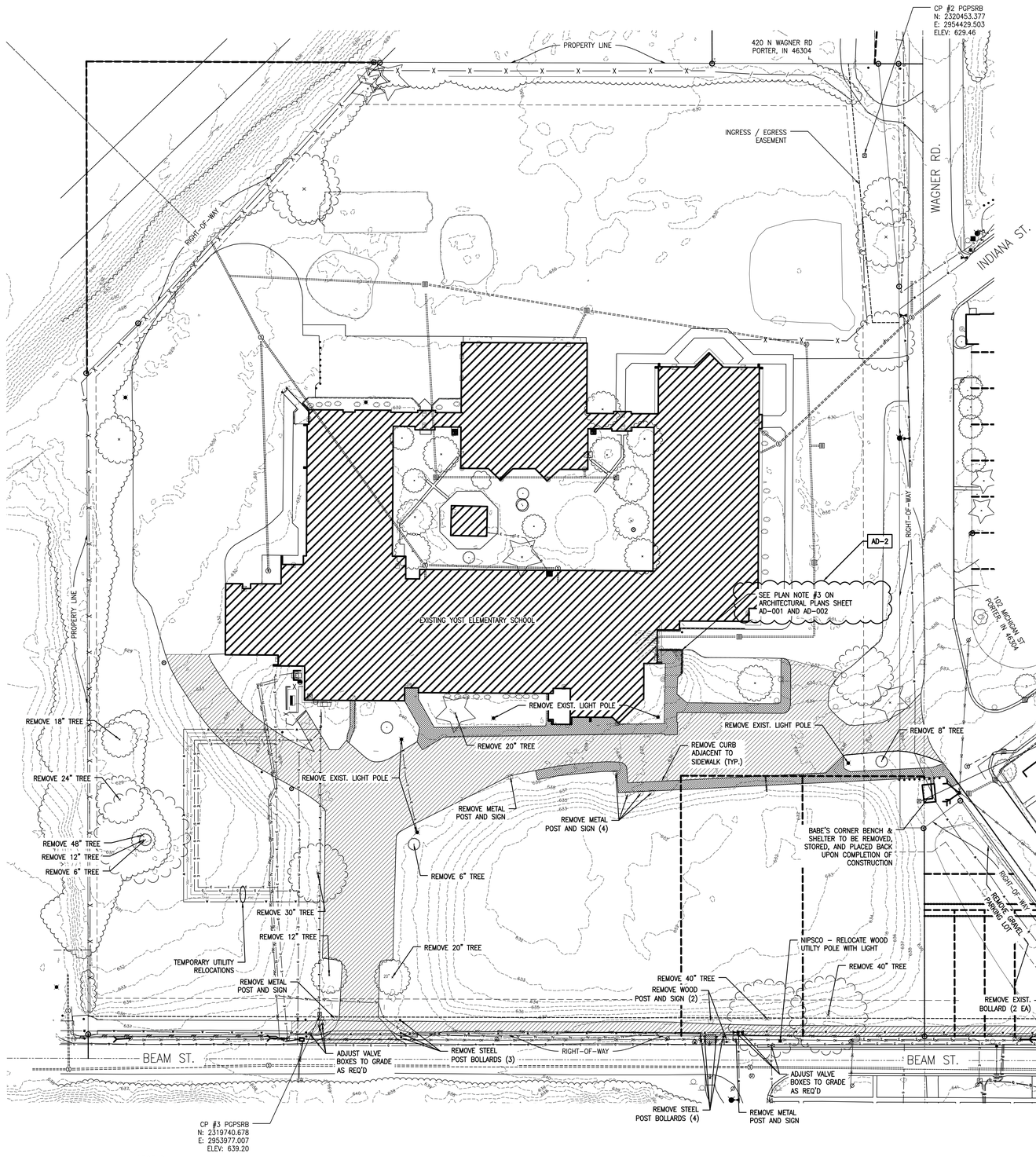
DRAWING
FIRST FLOOR LIFE SAFETY PLAN

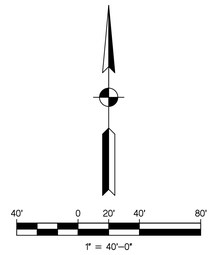
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
G-201

4/21/2022 4:08:33 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt





LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
			EXISTING STORM
		W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

ASPHALT REMOVAL

CONCRETE REMOVAL

CONSTRUCTION NOTES:

1. CONTRACTOR TO REMOVE EXISTING TANK THAT IS LOCATED APPROXIMATELY UNDERNEATH OR NEAR THE EXISTING CHILLER. CONTRACTOR TO VERIFY THE LOCATION OF THE EXISTING TANK.

AD-2 REVISIONS:

1. NOTE TO REFERENCE PLAN NOTES ON ARCHITECTURAL PLANS.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-558
DATE
03/31/22
COORDINATED BY
MLM / SB
DRAWN BY
SB
CHECKED BY
MLM

MATTHEW L. MIHALIK
REGISTERED
NO. 11500308
STATE OF INDIANA
PROFESSIONAL ENGINEER
5/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

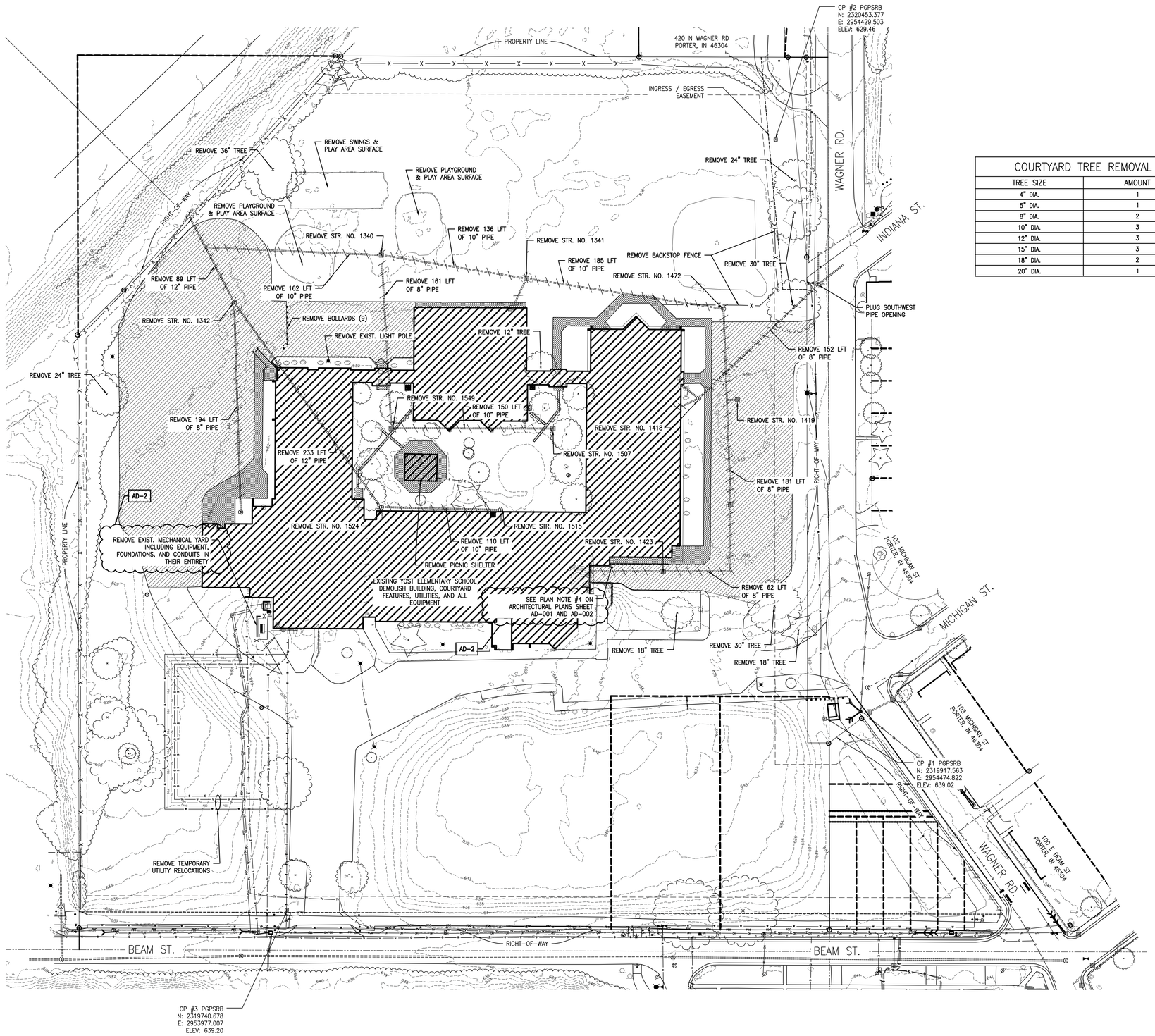
DRAWING
DEMOLITION PLAN
PHASE 1

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-02

Wednesday, 4/20/2022 - 2:09 PM - LAST SAVED BY:SBERROS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



COURTYARD TREE REMOVAL	
TREE SIZE	AMOUNT
4" DIA.	1
5" DIA.	1
8" DIA.	2
10" DIA.	3
12" DIA.	3
15" DIA.	3
18" DIA.	2
20" DIA.	1

LEGEND

- EXISTING TREE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING BUFFALO BOX
- EXISTING MAN HOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- EXISTING LIGHT POLE
- EXISTING TELEPHONE BOX
- EXISTING SIGN
- CONTROL POINT
- PROPERTY CORNER
- EXISTING GAS
- EXISTING TELEPHONE
- EXISTING CABLE TV
- EXISTING ELECTRICAL
- EXISTING FIBER OPTIC CABLE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PIPELINE
- EXISTING SANITARY
- EXISTING STORM
- EXISTING WATERMAIN
- EXISTING CHAIN LINK FENCE
- EXISTING TREE LINE
- SILT FENCE
- RIGHT-OF-WAY
- PROPERTY LINE / BUILDING LINE
- SECTION LINE
- ASPHALT REMOVAL
- CONCRETE REMOVAL

CONSTRUCTION NOTES:

1. CONTRACTOR TO REMOVE EXISTING TANK THAT IS LOCATED APPROXIMATELY UNDERNEATH OR NEAR THE EXISTING CHILLER. CONTRACTOR TO VERIFY THE LOCATION OF THE EXISTING TANK.

AD-2 REVISIONS:

1. NOTE TO REFERENCE PLAN NOTES ON ARCHITECTURAL PLANS.
2. NOTE TO REMOVE EXISTING MECHANICAL YARD.

40' 0 20' 40' 80'
1" = 40'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINNICK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

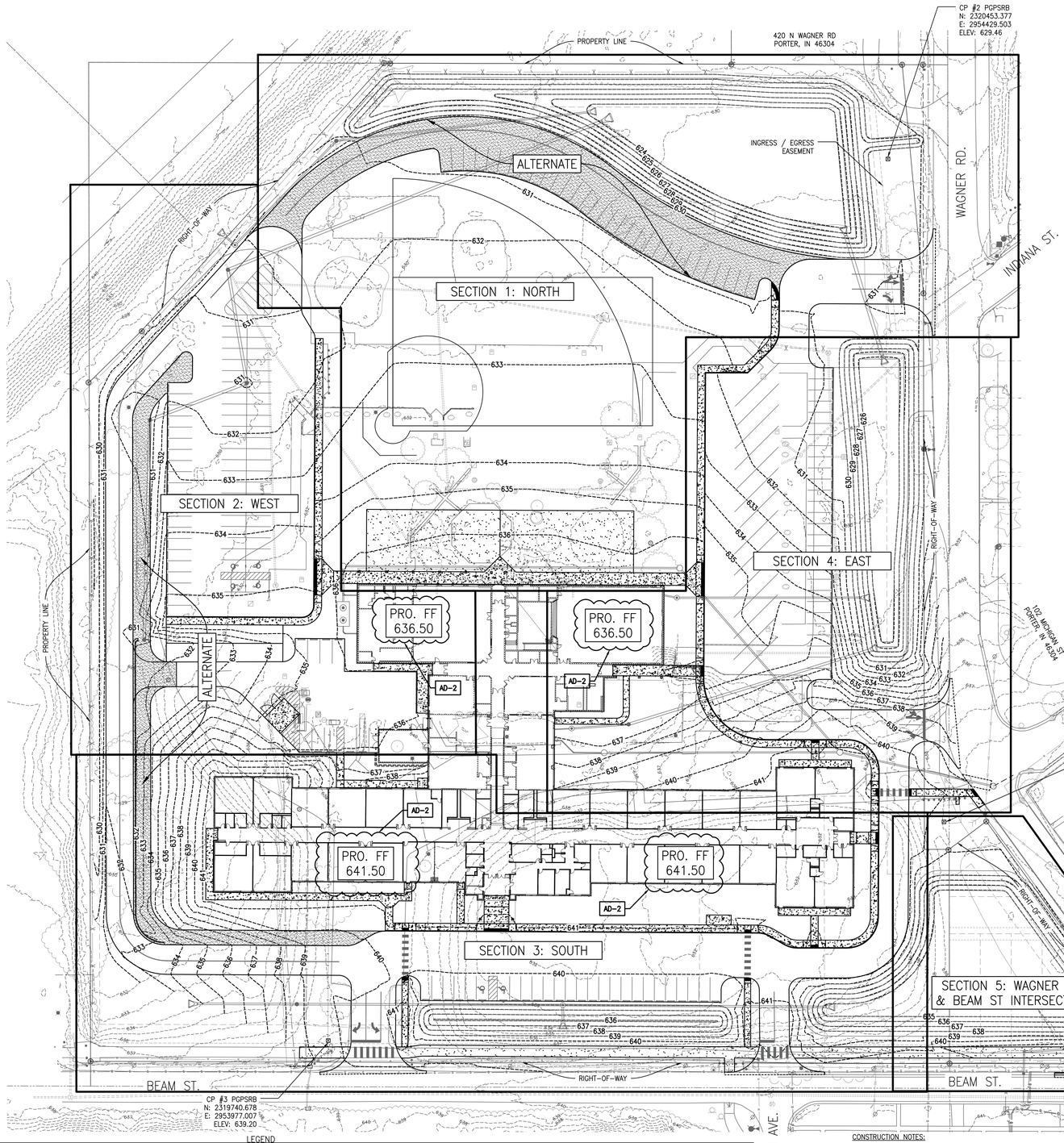
DRAWING
DEMOLITION PLAN
PHASE 2

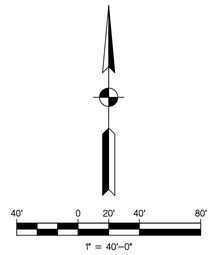
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-03

Wednesday, 4/20/2022 - 2:09 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REVD2.DWG





LEGEND

(C) CONCRETE PVMT., 8"	EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS	EXISTING WATERMAIN
(F) SIDEWALK, CONC., 5"	EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE	EXISTING CHAIN LINK FENCE
(K1) PAVEMENT SECTION, LIGHT DUTY	EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV	EXISTING TREE LINE
(K2) PAVEMENT SECTION, TRAIL	EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL	SILT FENCE
(K3) PAVEMENT SECTION, HEAVY DUTY AD-2	EXISTING MAN HOLE	CONTROL POINT	EXISTING FIBER OPTIC CABLE	RIGHT-OF-WAY
(##) CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##	EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING OVERHEAD ELECTRIC	PROPERTY LINE / BUILDING LINE
(6) SAW CUT, FULL DEPTH	EXISTING INLET		EXISTING PIPELINE	SECTION LINE
(15) CONCRETE CURB AND GUTTER	EXISTING UTILITY POLE		EXISTING SANITARY	
(15A) DEPRESSED CURB AND GUTTER			EXISTING STORM	
(15B) CONCRETE BARRIER CURB				
(15C) DEPRESSED BARRIER CURB				

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.
2. ADDED PROPOSED FINISHED FLOOR ELEVATIONS FOR THE NEW BUILDING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana 46323
Phone: (219) 844 8880 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email Info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MINNICK NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

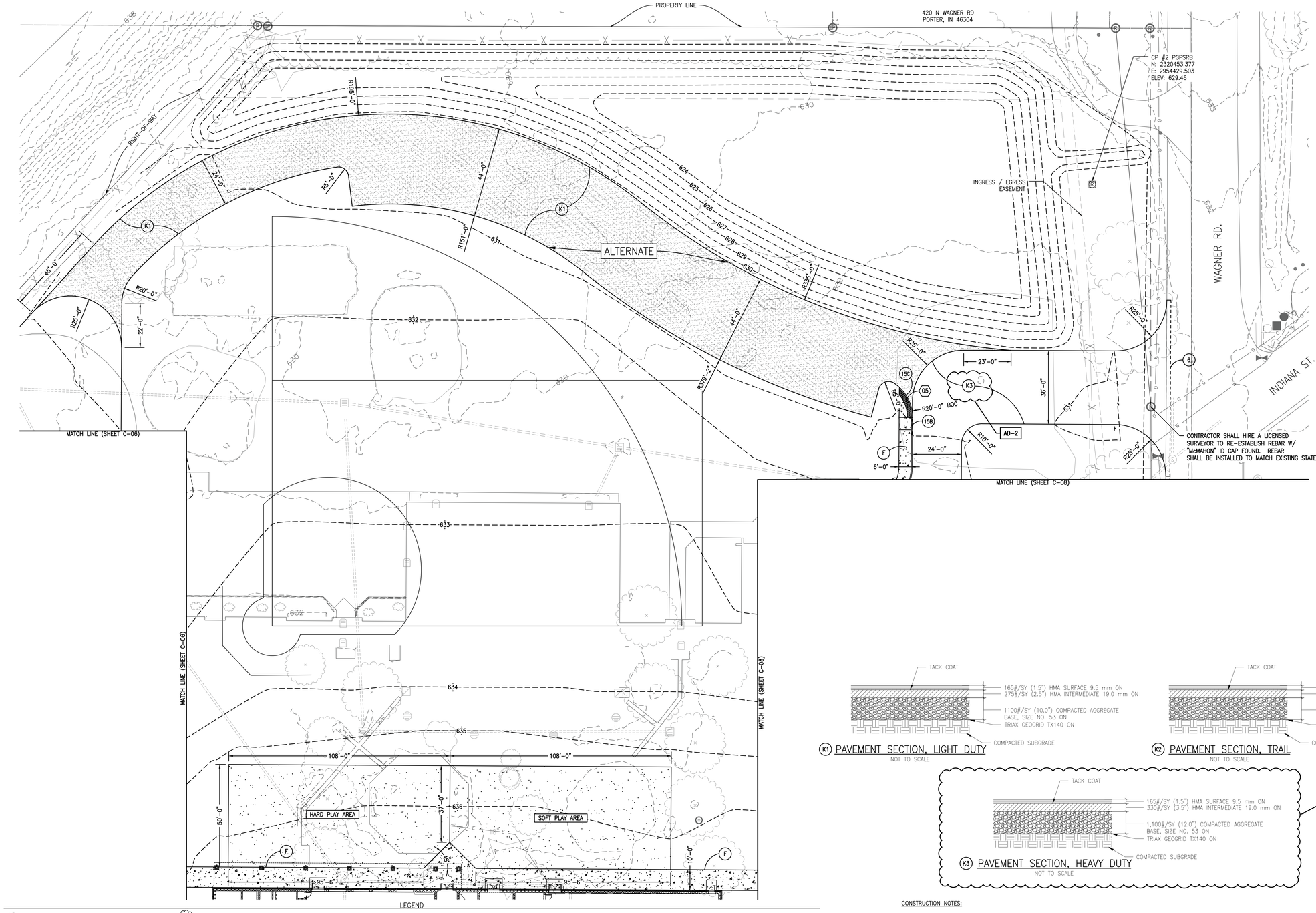
DRAWING
PROPOSED SITE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-04

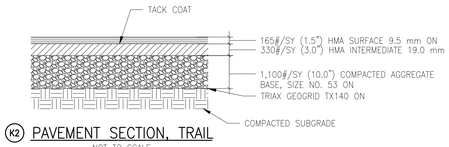
Wednesday, 4/20/2022 - 2:09 PM - LAST SAVED BY:SBERROS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



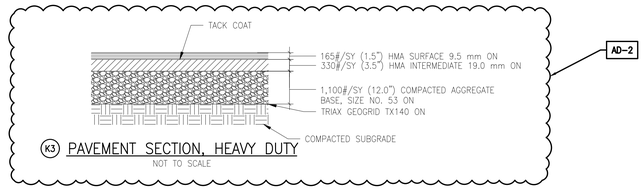
LEGEND

(C) CONCRETE PVMT., 8"	EXISTING TREE	EXISTING GUY WIRE	G G G EXISTING GAS	W W EXISTING WATERMAIN
(F) SIDEWALK, CONC., 5"	EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T EXISTING TELEPHONE	x x x EXISTING CHAIN LINK FENCE
(K1) PAVEMENT SECTION, LIGHT DUTY	EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV EXISTING CABLE TV	EXISTING TREE LINE
(K2) PAVEMENT SECTION, TRAIL	EXISTING BUFFALO BOX	EXISTING SIGN	E E E EXISTING ELECTRICAL	SF SF SF SILT FENCE
(K3) PAVEMENT SECTION, HEAVY DUTY AD-2	EXISTING MAN HOLE	CONTROL POINT	FOC FOC EXISTING FIBER OPTIC CABLE	RIGHT-OF-WAY
(##) CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##	EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH EXISTING OVERHEAD ELECTRIC	PROPERTY LINE / BUILDING LINE
(6) SAW CUT, FULL DEPTH	EXISTING INLET		P P P EXISTING PIPELINE	SECTION LINE
(15) CONCRETE CURB AND GUTTER	EXISTING UTILITY POLE		EXISTING SANITARY	
(15A) DEPRESSED CURB AND GUTTER			EXISTING STORM	
(15B) CONCRETE BARRIER CURB				
(15C) DEPRESSED BARRIER CURB				

(K1) PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE



(K2) PAVEMENT SECTION, TRAIL
NOT TO SCALE



(K3) PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.
3. PAVEMENT SECTION AT THE NORTH ENTRANCE/EXIT AT THE INTERSECTION OF WAGNER RD. AND INDIANA ST. HAS BEEN CHANGED FROM "K1, PAVEMENT SECTION, LIGHT DUTY" TO "K3, PAVEMENT SECTION, HEAVY DUTY".

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MIHALIK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

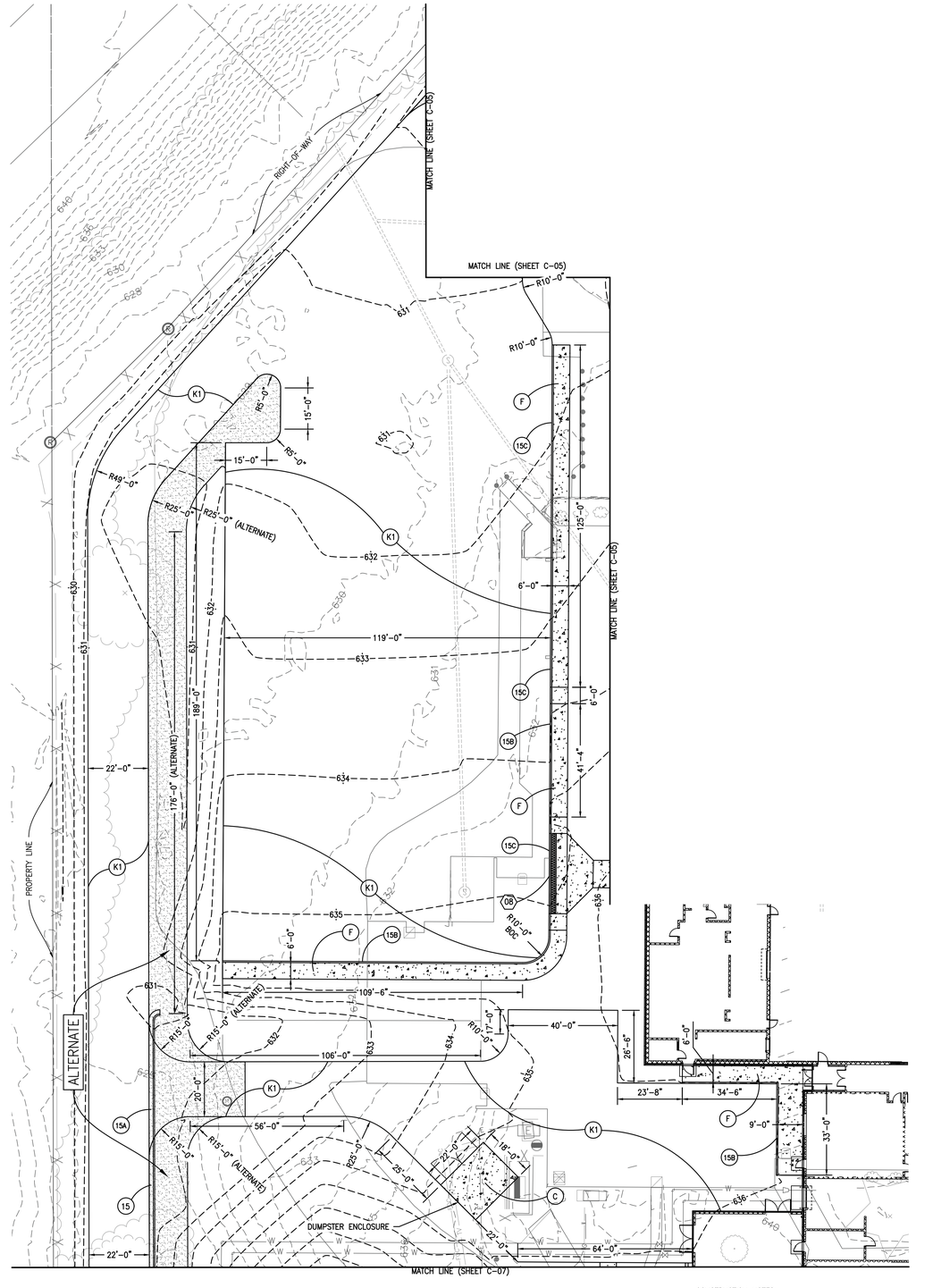
DRAWING
PROPOSED SITE PLAN
SECTION: 1 - NORTH

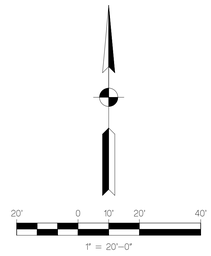
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-05

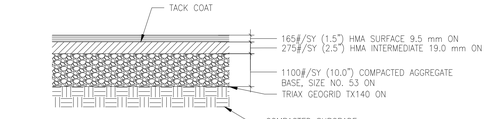
Wednesday, 4/20/2022 - 2:09 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



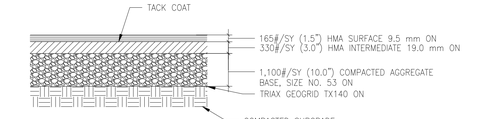


LEGEND

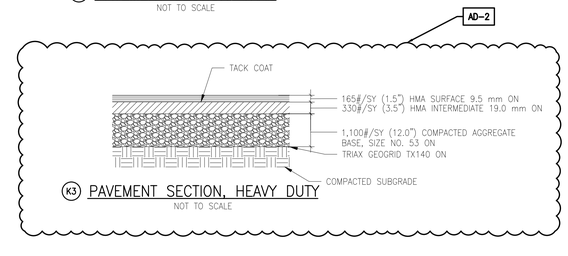
C CONCRETE PVMT., 8"	EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS	W W	EXISTING WATERMAIN
F SIDEWALK, CONC., 5"	EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE	x x x	EXISTING CHAIN LINK FENCE
K1 PAVEMENT SECTION, LIGHT DUTY	EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV		EXISTING TREE LINE
K2 PAVEMENT SECTION, TRAIL	EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL	SF SF SF	SILT FENCE
K3 PAVEMENT SECTION, HEAVY DUTY AD-2	EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE		RIGHT-OF-WAY
## CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##	EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC		PROPERTY LINE / BUILDING LINE
6 SAW CUT, FULL DEPTH	EXISTING INLET		P P P	EXISTING PIPELINE		SECTION LINE
15 CONCRETE CURB AND GUTTER	EXISTING UTILITY POLE			EXISTING SANITARY		
15A DEPRESSED CURB AND GUTTER				EXISTING STORM		
15B CONCRETE BARRIER CURB						
15C DEPRESSED BARRIER CURB						



K1 PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE



K2 PAVEMENT SECTION, TRAIL
NOT TO SCALE



K3 PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MALIK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR CONSTRUCTION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR

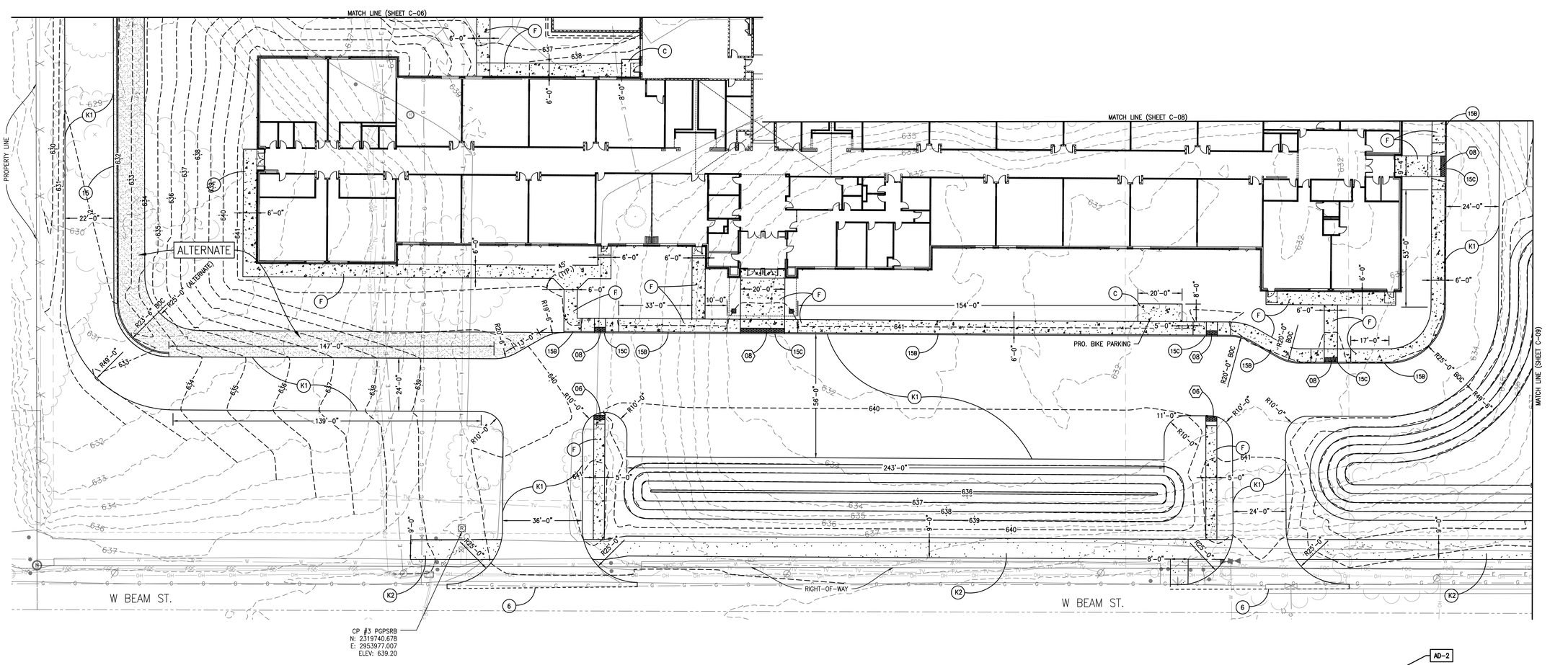
DRAWING
PROPOSED SITE PLAN
SECTION: 2 - WEST

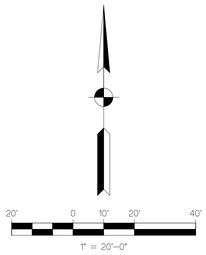
PROJECT
NEW YOST ELEMENTARY SCHOOL

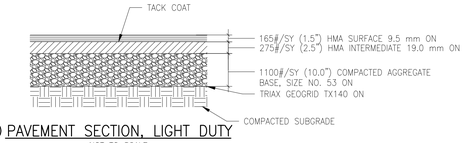
© GIBRALTAR DESIGN

SHEET C-06

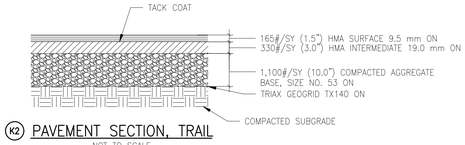
Wednesday, 4/20/2022 - 2:09 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



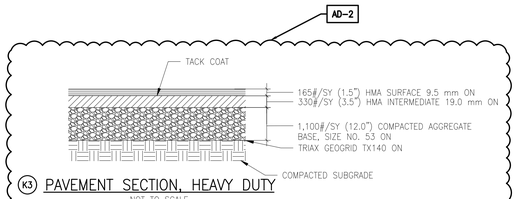




K1 PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE



K2 PAVEMENT SECTION, TRAIL
NOT TO SCALE



K3 PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

LEGEND

- (C) CONCRETE PVMT., 8"
- (F) SIDEWALK, CONC., 5"
- (K1) PAVEMENT SECTION, LIGHT DUTY
- (K2) PAVEMENT SECTION, TRAIL
- (K3) PAVEMENT SECTION, HEAVY DUTY — AD-2
- (##) CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##
- (6) SAW CUT, FULL DEPTH
- (15) CONCRETE CURB AND GUTTER
- (15A) DEPRESSED CURB AND GUTTER
- (15B) CONCRETE BARRIER CURB
- (15C) DEPRESSED BARRIER CURB

- EXISTING TREE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING BUFFALO BOX
- EXISTING MAN HOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- EXISTING LIGHT POLE
- EXISTING TELEPHONE BOX
- EXISTING SIGN
- CONTROL POINT
- PROPERTY CORNER
- EXISTING GAS
- EXISTING TELEPHONE
- EXISTING CABLE TV
- EXISTING ELECTRICAL
- EXISTING FIBER OPTIC CABLE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PIPELINE
- EXISTING SANITARY
- EXISTING STORM
- EXISTING WATERMAIN
- EXISTING CHAIN LINK FENCE
- EXISTING TREE LINE
- SILT FENCE
- RIGHT-OF-WAY
- PROPERTY LINE / BUILDING LINE
- SECTION LINE

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MILLER — REGISTERED LANDSCAPE ARCHITECT — NO.11500308 — STATE OF INDIANA — PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

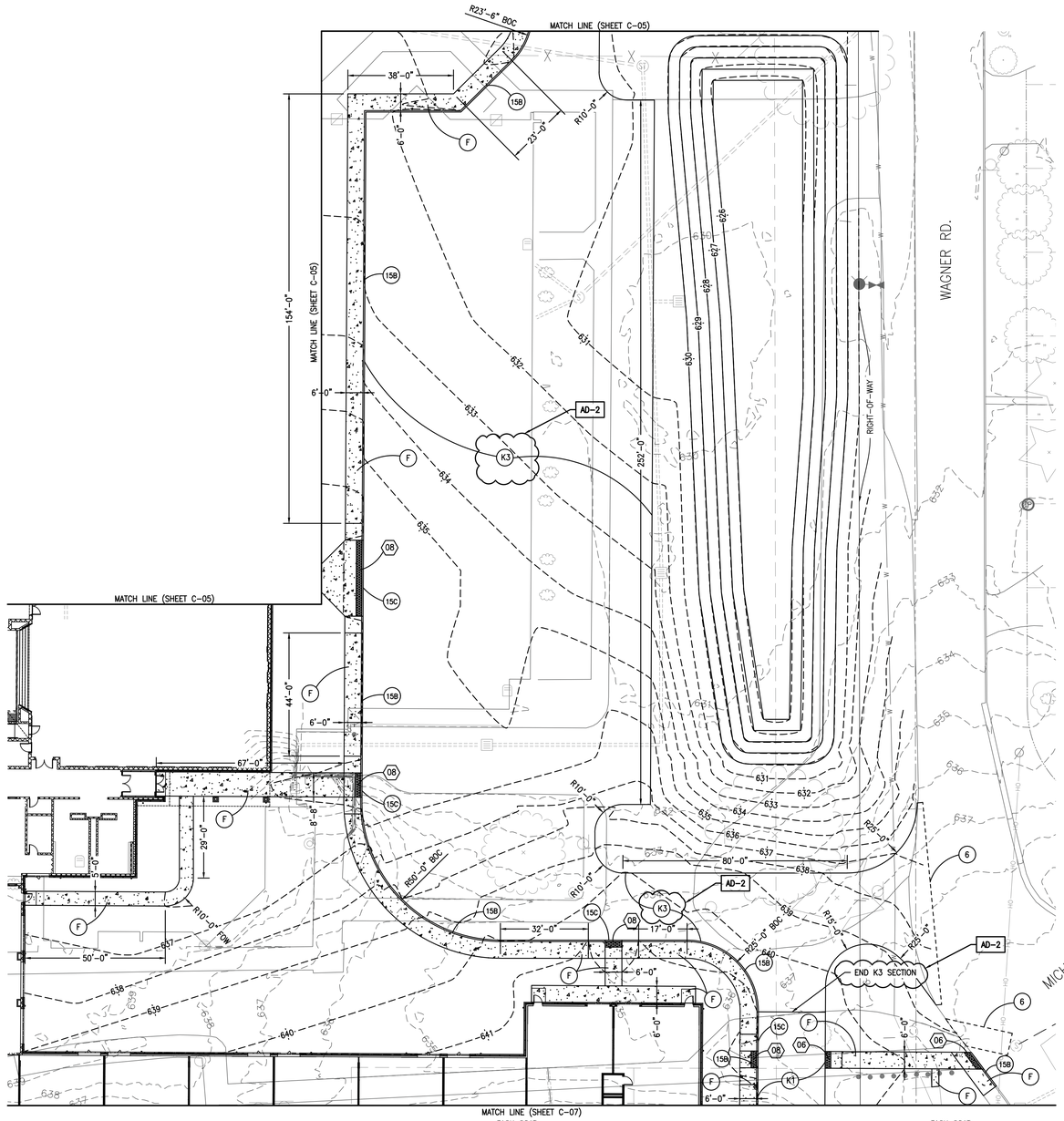
DRAWING
PROPOSED SITE PLAN
SECTION: 3 - SOUTH

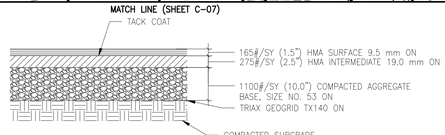
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

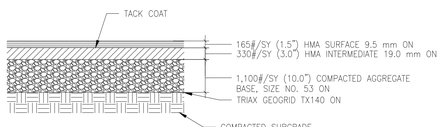
SHEET C-07

Wednesday, 4/20/2022 - 2:10 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REVIZ.DWG

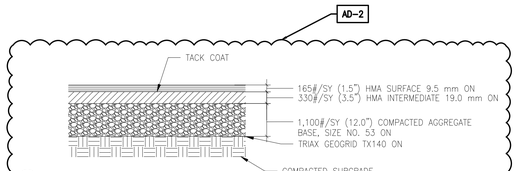




K1 PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE



K2 PAVEMENT SECTION, TRAIL
NOT TO SCALE



K3 PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

LEGEND

C CONCRETE PVMT., 8"	EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS	EXISTING WATERMAIN
F SIDEWALK, CONC., 5"	EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE	EXISTING CHAIN LINK FENCE
K1 PAVEMENT SECTION, LIGHT DUTY	EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV	EXISTING TREE LINE
K2 PAVEMENT SECTION, TRAIL	EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL	SILT FENCE
K3 PAVEMENT SECTION, HEAVY DUTY — AD-2	EXISTING MAN HOLE	CONTROL POINT	EXISTING FIBER OPTIC CABLE	RIGHT-OF-WAY
## CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##	EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING OVERHEAD ELECTRIC	PROPERTY LINE / BUILDING LINE
6 SAW CUT, FULL DEPTH	EXISTING INLET		EXISTING PIPELINE	SECTION LINE
15 CONCRETE CURB AND GUTTER	EXISTING UTILITY POLE		EXISTING SANITARY	
15A DEPRESSED CURB AND GUTTER			EXISTING STORM	
15B CONCRETE BARRIER CURB				
15C DEPRESSED BARRIER CURB				

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.
3. PAVEMENT SECTION AT THE BUS PARKING LOT LOCATION HAS BEEN CHANGED FROM "K1, PAVEMENT SECTION, LIGHT DUTY" TO "K3, PAVEMENT SECTION, HEAVY DUTY".
4. PAVEMENT SECTION AT THE EXIT AT THE INTERSECTION OF WAGNER RD. AND MICHIGAN ST. HAS BEEN CHANGED FROM "K1, PAVEMENT SECTION, LIGHT DUTY" TO "K3, PAVEMENT SECTION, HEAVY DUTY".
5. THE SOUTHERN LIMIT OF THE HEAVY DUTY PAVEMENT SECTION HAS BEEN DEFINED.

20' 0 10' 20' 40'
1" = 20'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINNICK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

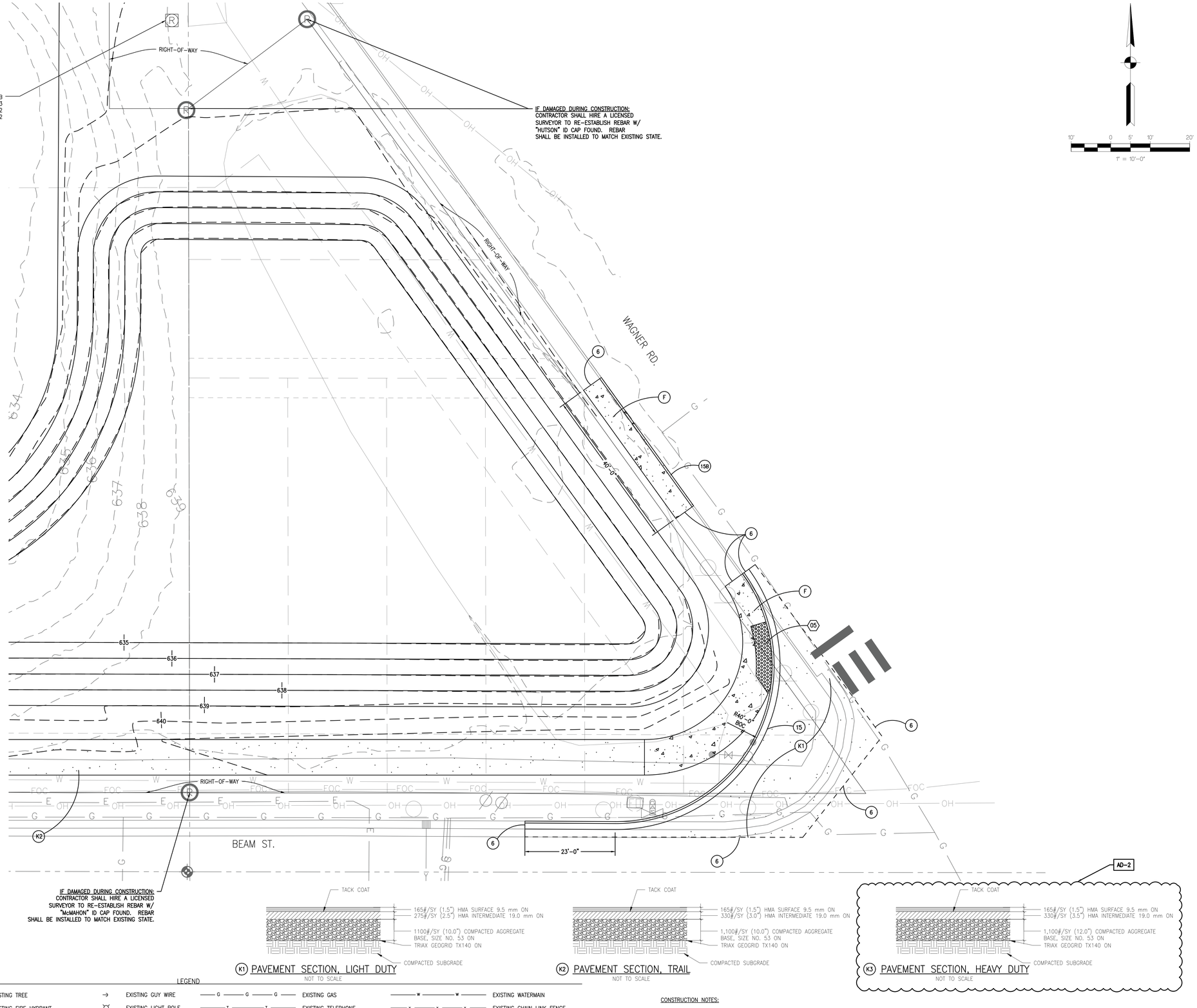
DRAWING
PROPOSED SITE PLAN
SECTION: 4 - EAST

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-08

Wednesday, 4/20/2022 - 2:10 PM - LAST SAVED BY:SBERROS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



10' 0 5' 10' 20'

1" = 10'-0"

TACK COAT
165#/SY (1.5") HMA SURFACE 9.5 mm ON 275#/SY (2.5") HMA INTERMEDIATE 19.0 mm ON
1100#/SY (10.0") COMPACTED AGGREGATE BASE, SIZE NO. 53 ON TRIAX GEOGRID TX140 ON
COMPACTED SUBGRADE

K1 PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE

TACK COAT
165#/SY (1.5") HMA SURFACE 9.5 mm ON 330#/SY (3.0") HMA INTERMEDIATE 19.0 mm ON
1,100#/SY (10.0") COMPACTED AGGREGATE BASE, SIZE NO. 53 ON TRIAX GEOGRID TX140 ON
COMPACTED SUBGRADE

K2 PAVEMENT SECTION, TRAIL
NOT TO SCALE

AD-2

TACK COAT
165#/SY (1.5") HMA SURFACE 9.5 mm ON 330#/SY (3.5") HMA INTERMEDIATE 19.0 mm ON
1,100#/SY (12.0") COMPACTED AGGREGATE BASE, SIZE NO. 53 ON TRIAX GEOGRID TX140 ON
COMPACTED SUBGRADE

K3 PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

LEGEND

- C — CONCRETE PVMT., 8"
- F — SIDEWALK, CONC., 5"
- K1 — PAVEMENT SECTION, LIGHT DUTY
- K2 — PAVEMENT SECTION, TRAIL
- K3 — PAVEMENT SECTION, HEAVY DUTY
- ## — CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##
- 6 — SAW CUT, FULL DEPTH
- 15 — CONCRETE CURB AND GUTTER
- 15A — DEPRESSED CURB AND GUTTER
- 15B — CONCRETE BARRIER CURB
- 15C — DEPRESSED BARRIER CURB

- EXISTING TREE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING BUFFALO BOX
- EXISTING MAN HOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- EXISTING LIGHT POLE
- EXISTING TELEPHONE BOX
- EXISTING SIGN
- CONTROL POINT
- PROPERTY CORNER
- EXISTING GAS
- EXISTING TELEPHONE
- EXISTING CABLE TV
- EXISTING ELECTRICAL
- EXISTING FIBER OPTIC CABLE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PIPELINE
- EXISTING SANITARY
- EXISTING STORM
- EXISTING WATERMAIN
- EXISTING CHAIN LINK FENCE
- EXISTING TREE LINE
- SILT FENCE
- RIGHT-OF-WAY
- PROPERTY LINE / BUILDING LINE
- SECTION LINE

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MALIK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THE INFORMATION SHOWN MAY BE USED BY ANY PERSON, FIRM OR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

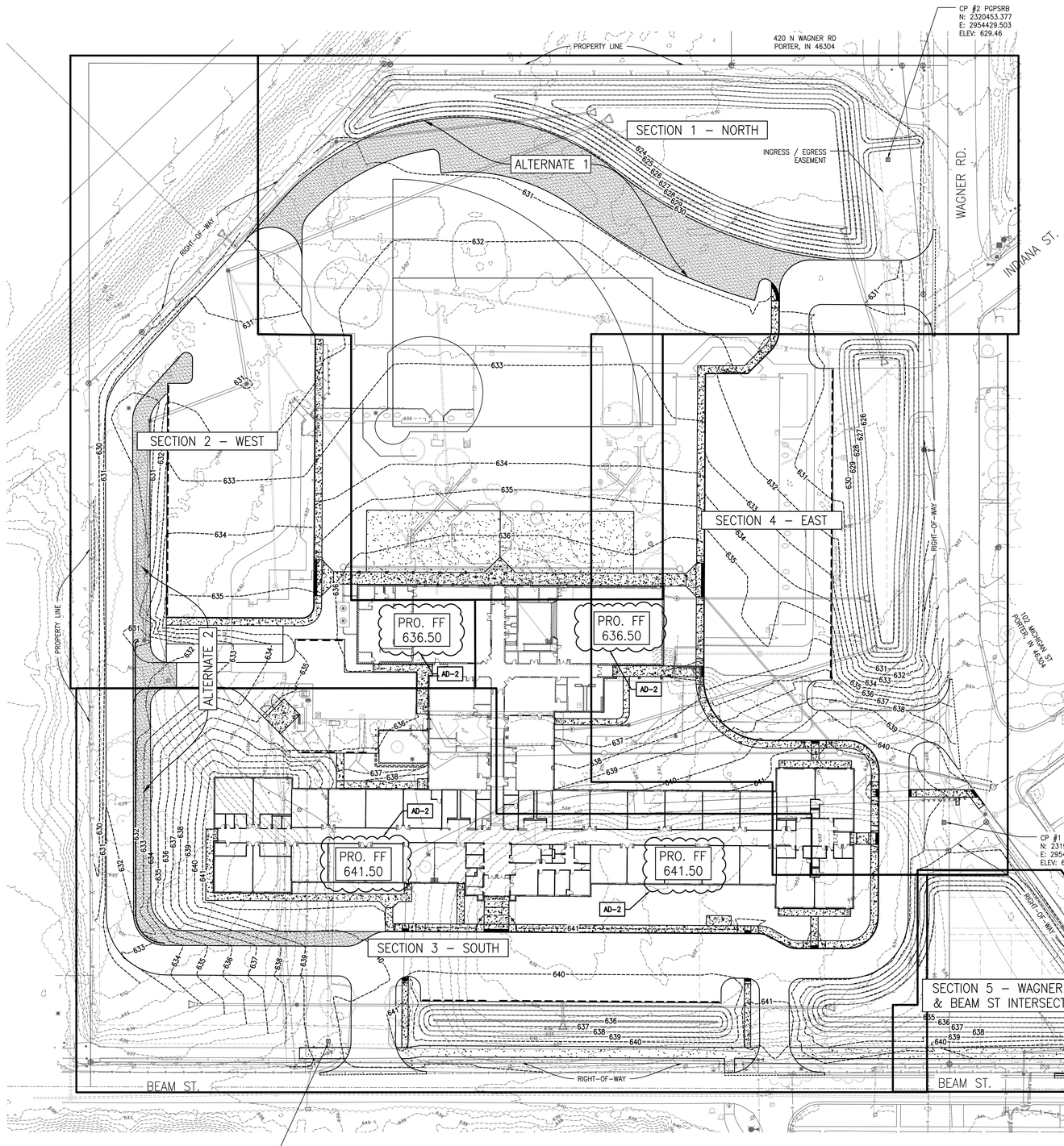
DRAWING
PROPOSED SITE PLAN
SECTION: 5 - WAGNER RD & BEAM ST INTERSECTION

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-09

Wednesday, 4/20/2022 - 2:10 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REVIZ.DWG



40' 0 20' 40' 80'

1" = 40'-0"

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS	S S S	EXISTING STORM
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE	W W	EXISTING WATERMAIN
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV	X X X	EXISTING CHAIN LINK FENCE
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL		EXISTING TREE LINE
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE	SF SF SF	SILT FENCE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC		RIGHT-OF-WAY
EXISTING INLET		P P P	EXISTING PIPELINE		PROPERTY LINE / BUILDING LINE
EXISTING UTILITY POLE		S S S	EXISTING SANITARY		SECTION LINE

GRADING NOTES:

1. IF ALTERNATE #1 IS NOT CONSTRUCTED THEN OPEN AREA SHALL SHEET DRAIN TO DETENTION POND NORTH OF THE ALTERNATE #1 AREA.
2. IF ALTERNATE #2 IS NOT CONSTRUCTED THEN OPEN AREA SHALL DRAIN TO STR. NO. 20 AND STR. NO. 21.

AD-2 REVISIONS:

1. ADDED PROPOSED FINISHED FLOOR ELEVATIONS FOR THE NEW BUILDING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY MLM
CHECKED BY SB

MATTHEW L. MIHALYK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

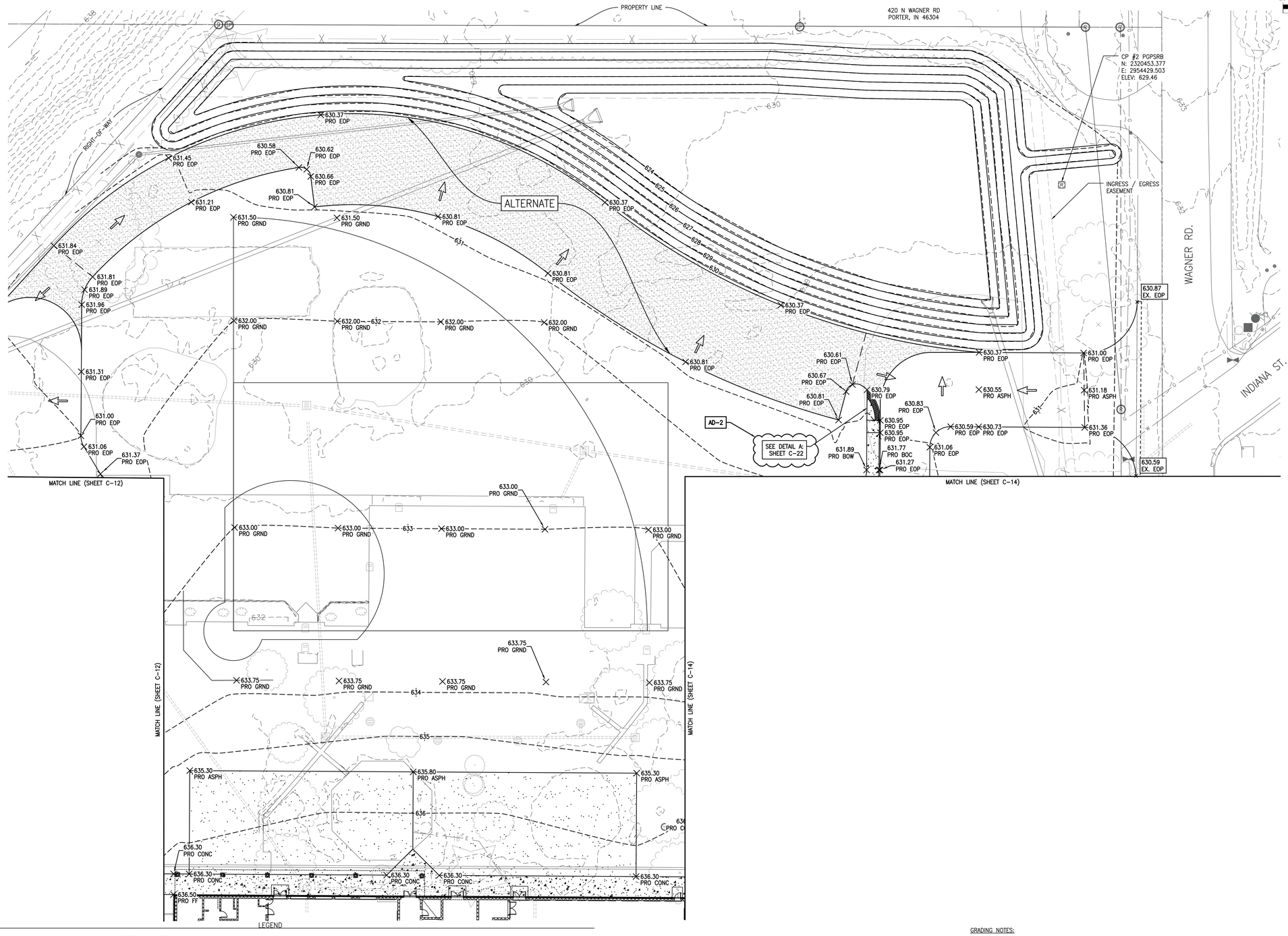
DRAWING
GRADING OVERVIEW

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-10

Wednesday, 4/20/2022 - 2:10 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



20' 0 10' 20' 40'
1" = 20'-0"

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY

EXISTING STORM	
EXISTING WATERMAIN	
EXISTING CHAIN LINK FENCE	
EXISTING TREE LINE	
SILT FENCE	
RIGHT-OF-WAY	
PROPERTY LINE / BUILDING LINE	
SECTION LINE	

GRADING BREAK LINE

GRADING FLOW PATH

GRADING NOTES:

1. IF ALTERNATE #1 IS NOT CONSTRUCTED THEN OPEN AREA SHALL SHEET DRAIN TO DETENTION POND NORTH OF THE ALTERNATE #1 AREA.
2. IF ALTERNATE #2 IS NOT CONSTRUCTED THEN OPEN AREA SHALL DRAIN TO STR. NO. 20 AND STR. NO. 21.

AD-2 REVISIONS:

1. "SEE DETAIL A: SHEET C-20" HAS BEEN ADJUSTED TO "SEE DETAIL A: SHEET C-22".

Wednesday, 4/20/2022 - 2:11 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINALA REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

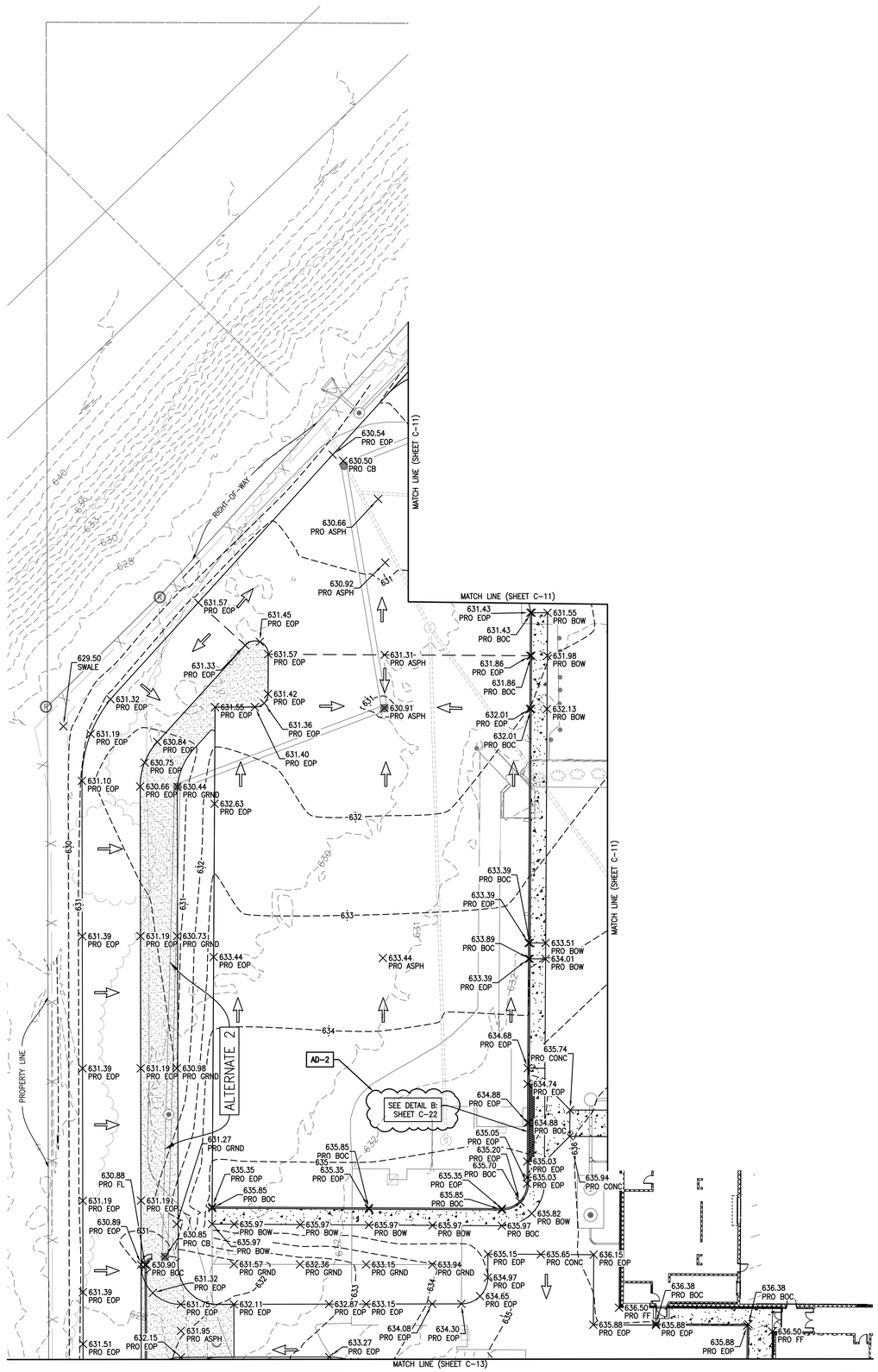
COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

DRAWING
GRADING PLAN
SECTION: 1 - NORTH

PROJECT
NEW YOST ELEMENTARY SCHOOL



20' 0 10' 20' 40'

1" = 20'-0"

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
		W W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE
			EXISTING STORM

GRADING BREAK LINE

GRADING FLOW PATH

GRADING NOTES:

1. IF ALTERNATE #1 IS NOT CONSTRUCTED THEN OPEN AREA SHALL SHEET DRAIN TO DETENTION POND NORTH OF THE ALTERNATE #1 AREA.
2. IF ALTERNATE #2 IS NOT CONSTRUCTED THEN OPEN AREA SHALL DRAIN TO STR. NO. 20 AND STR. NO. 21.

AD-2 REVISIONS:

1. "SEE DETAIL B: SHEET C-20" HAS BEEN ADJUSTED TO "SEE DETAIL B: SHEET C-22".

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES
engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MIHALIK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN, AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

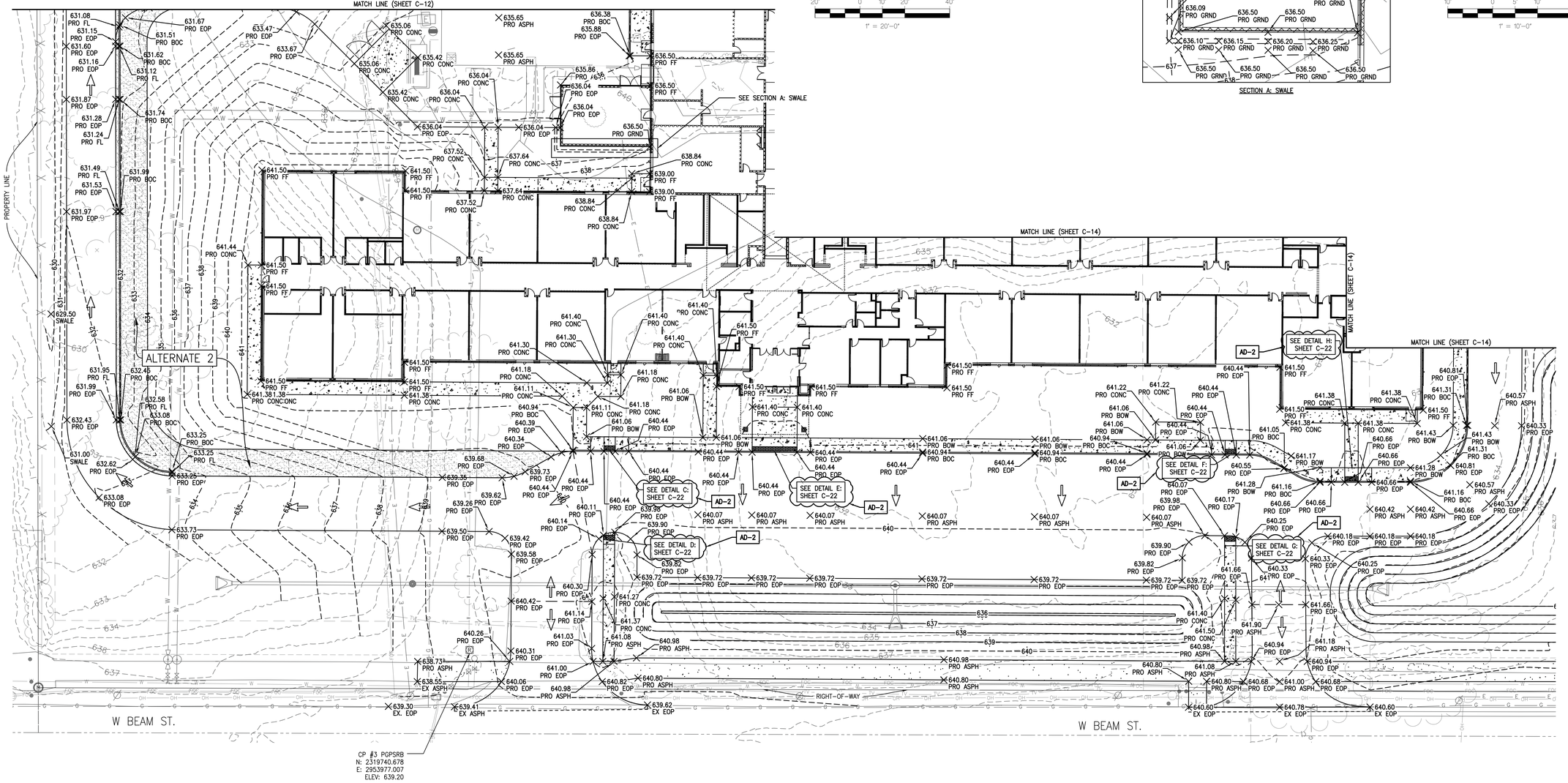
DRAWING
GRADING PLAN
SECTION: 2 - WEST

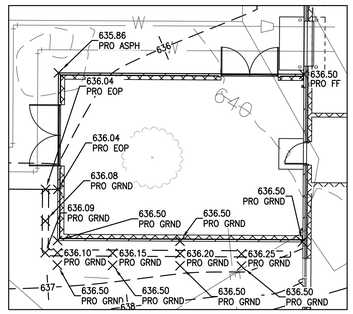
PROJECT
NEW YOST ELEMENTARY SCHOOL

GIBRALTAR DESIGN

SHEET
C-12

Wednesday, 4/20/2022 - 2:11 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REVIZ.DWG





LEGEND

EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS	EXISTING STORM
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE	EXISTING WATERMAIN
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV	EXISTING CHAIN LINK FENCE
EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL	EXISTING TREE LINE
EXISTING MAN HOLE	CONTROL POINT	EXISTING FIBER OPTIC CABLE	SILT FENCE
EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING OVERHEAD ELECTRIC	RIGHT-OF-WAY
EXISTING INLET		EXISTING PIPELINE	PROPERTY LINE / BUILDING LINE
EXISTING UTILITY POLE		EXISTING SANITARY	SECTION LINE

GRADING BREAK LINE

GRADING FLOW PATH

GRADING NOTES:

1. IF ALTERNATE #1 IS NOT CONSTRUCTED THEN OPEN AREA SHALL SHEET DRAIN TO DETENTION POND NORTH OF THE ALTERNATE #1 AREA.
2. IF ALTERNATE #2 IS NOT CONSTRUCTED THEN OPEN AREA SHALL DRAIN TO STR. NO. 20 AND STR. NO. 21.

AD-2 REVISIONS:

1. "SEE DETAIL C: SHEET C-20" THROUGH "SEE DETAIL H: SHEET C-20" HAVE BEEN ADJUSTED TO "SEE DETAIL C: SHEET C-22" THROUGH "SEE DETAIL H: SHEET C-22".

Wednesday, 4/20/2022 - 2:11 PM - LAST SAVED BY:SBERROS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REVIZ.DWG

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES
engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MALIK — REGISTERED — NO.11500308 — STATE OF INDIANA — PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR INFORMATION OUTSIDE THE SCOPE OF THIS PROJECT WITHOUT THE EXPRESS CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

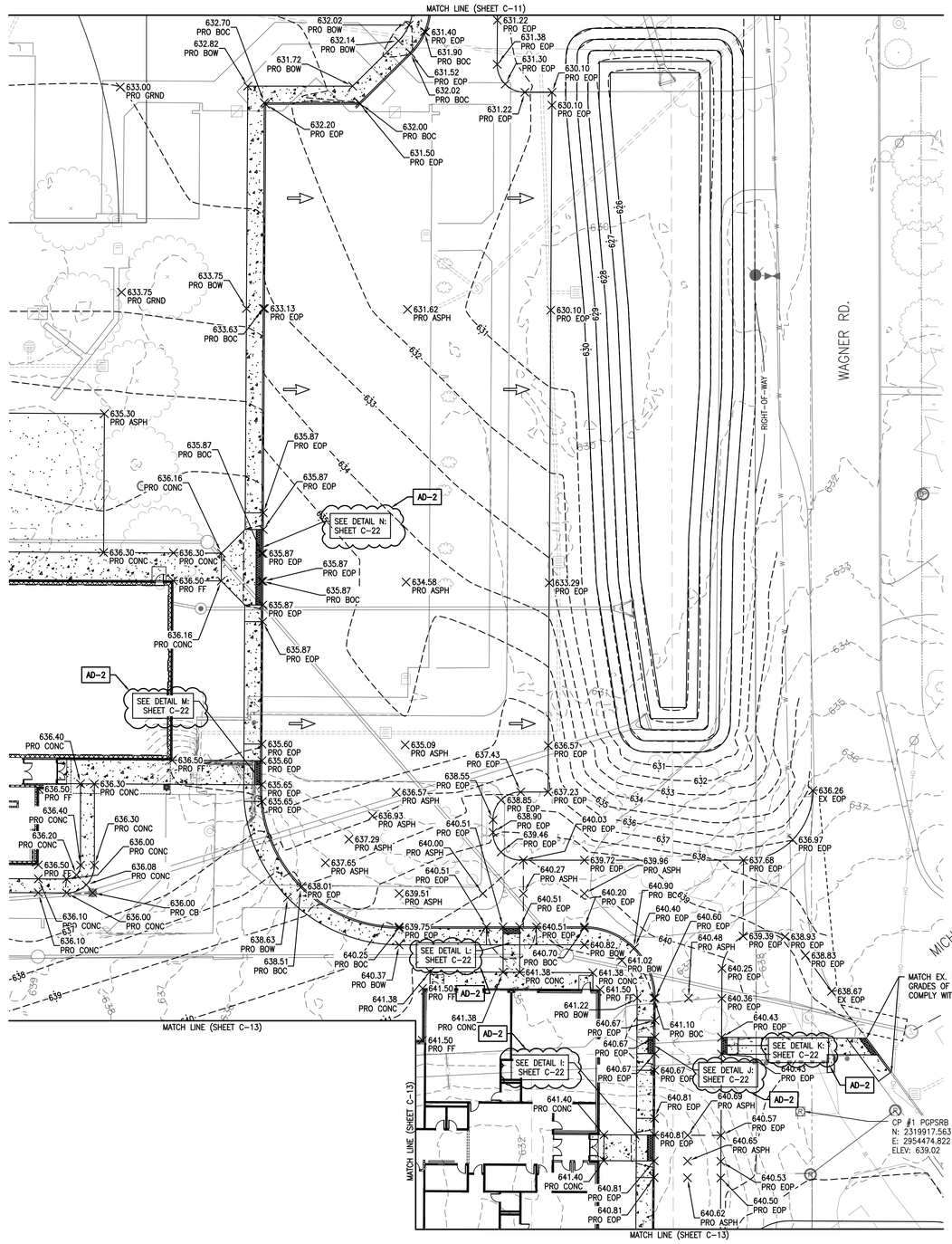
MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

DRAWING
GRADING PLAN
SECTION: 3 - SOUTH

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-13



20' 0 10' 20' 40'

1" = 20'-0"

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
		W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE
			EXISTING STORM

GRADING BREAK LINE

GRADING FLOW PATH

GRADING NOTES:

1. IF ALTERNATE #1 IS NOT CONSTRUCTED THEN OPEN AREA SHALL SHEET DRAIN TO DETENTION POND NORTH OF THE ALTERNATE #1 AREA.
2. IF ALTERNATE #2 IS NOT CONSTRUCTED THEN OPEN AREA SHALL DRAIN TO STR. NO. 20 AND STR. NO. 21.

AD-2 REVISIONS:

1. "SEE DETAIL I: SHEET C-20" THROUGH "SEE DETAIL N: SHEET C-20" HAVE BEEN ADJUSTED TO "SEE DETAIL I: SHEET C-22" THROUGH "SEE DETAIL N: SHEET C-22".

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES
engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MALIK REGISTERED NO. 11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

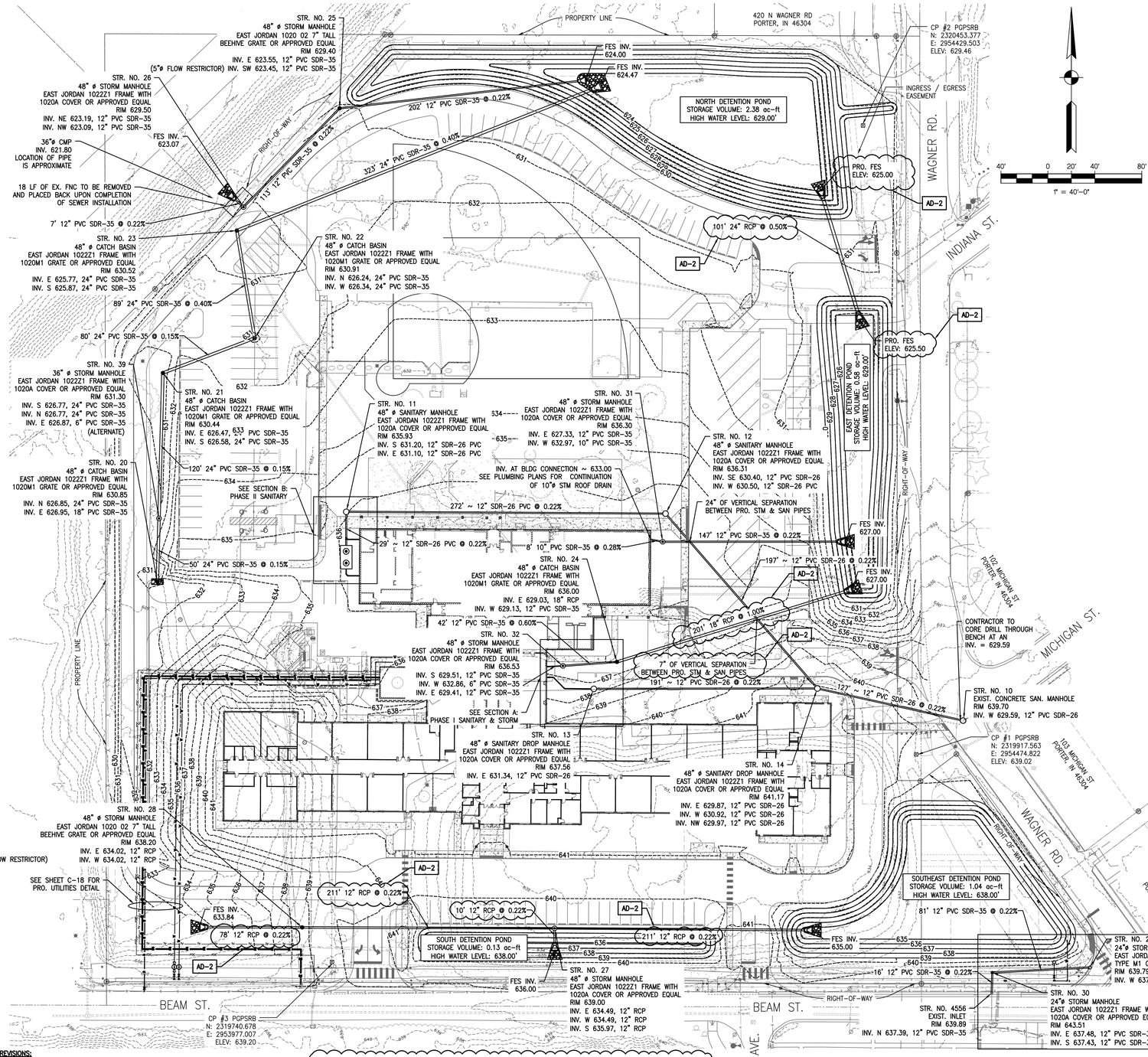
DRAWING
GRADING PLAN
SECTION: 4 - EAST

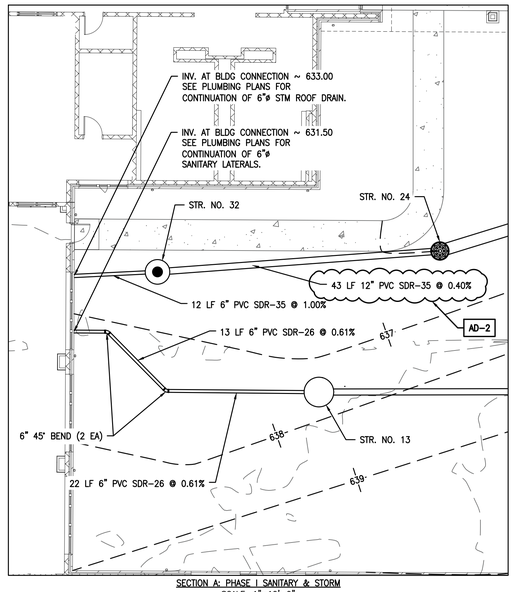
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

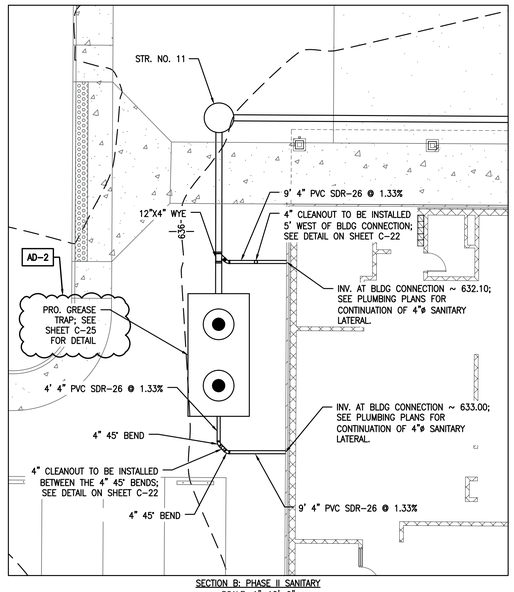
SHEET
C-14

Wednesday, 4/20/2022 - 2:12 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG





SECTION A: PHASE I SANITARY & STORM
SCALE: 1"=10'-0"



SECTION B: PHASE II SANITARY
SCALE: 1"=10'-0"

SECTION NOTES:

1. PROPOSED PIPE LENGTHS, USE OF BENDS, AND WYE LOCATION ARE APPROXIMATE AND MAY VARY. CONTRACTOR TO NOTIFY ENGINEER OF ALL FIELD CHANGES THAT ARE NECESSARY TO INSTALL THE SANITARY LATERALS.
2. PIPE SLOPES ARE MINIMUM AND MAY VARY.

AD-2 REVISIONS:

1. PVC C900, DR-14 INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE WATER MAIN NOTES SECTION AS NOTES #17, #18, AND #19.
2. PIPE NOTE BETWEEN STR. 32 AND STR. 24 HAS BEEN CHANGED FROM 18"ø TO 12"ø IN SECTION A: PHASE I SANITARY AND STORM
3. THE VERTICAL SEPARATION BETWEEN THE STORM PIPE FROM STR. 24 TO EAST POND AND THE SANITARY PIPE FROM STR. 12 TO STR. 14 HAS BEEN CHANGED FROM 16" TO 7".
4. "PRO. GREASE TRAP; SEE SHEET C-24 FOR DETAIL" HAS BEEN ADJUSTED TO "PRO. GREASE TRAP; SEE SHEET C-25 FOR DETAIL".
5. PIPE FROM STR. 24 TO FES IN EAST POND HAS BEEN CHANGED FROM 18"ø PVC SDR-35 TO 18"ø RCP.
6. PIPE THAT CONNECTS THE EAST POND TO THE NORTH POND STARTING INVERT HAS CHANGED FROM 626.50 TO 625.50 AND LEAVING INVERT HAS CHANGED FROM 625.70 TO 625.00.
7. PIPE THAT CONNECTS THE EAST POND TO THE NORTH POND HAS CHANGED FROM 12"ø RCP TO 24"ø RCP.
8. REINFORCED CONCRETE PIPE INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE UTILITY NOTES SECTION AS NOTES #8 AND #9.

AD-2

UTILITY NOTES:

1. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
2. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
3. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
4. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
5. ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND PIPE OPENINGS SHALL NOT BE SEALED WITH BRICK AND MORTAR.
6. CONTRACTOR TO INSTALL BOOT AT ALL DOWNSPOUT LOCATIONS. SEE PLUMBING PLANS FOR DOWNSPOUT STORM CONNECTION DETAIL.
7. IF ALTERNATE CANOPY NORTH OF PROPOSED BUILDING IS INSTALLED THEN STR. NO. 11 & 12 MUST BE SHIFTED NORTH 2 FEET.
8. **ALL INSTALLED REINFORCED CONCRETE PIPE SHALL BE CLASS IV.**
9. **CONTRACTOR OPTION: ALL STORM PVC SDR-35 PIPE 18"ø AND ABOVE MAY BE REPLACED WITH RCP AT THE SAME INVERT ELEVATIONS. 24"ø PVC SDR-35 MUST BE REPLACED WITH 30"ø RCP AND ANY CONNECTING STRUCTURES SHALL BE A MINIMUM OF 60"ø.**

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
			EXISTING STORM
		W W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

AD-2

WATER MAIN NOTES:

1. INSTALLATION OF WATER MAIN, FITTINGS, VALVES, FIRE HYDRANTS, AND APPURTENANCES SHALL BE IN ACCORDANCE WITH INDIANA AMERICAN WATER STANDARDS AND SPECIFICATIONS, LATEST VERSION.
2. AT THE POINT OF CONNECTION TO EXISTING WATER MAINS, A TAPPING SLEEVE AND VALVE MAY BE REQUIRED TO BE INSTALLED IF THE EXISTING WATER MAIN CANNOT BE SHUT DOWN WITHOUT IMPACTING CUSTOMERS; TO BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
3. CONTRACTOR TO EXCAVATE AND DETERMINE ALL EXISTING WATER MAIN SIZES AND INTERCONNECTS PRIOR TO CUTTING AND CAPPING THE WATER MAIN THAT IS GOING TO BE REMOVED FROM SERVICE. ALL VALVES REMOVED FROM SERVICE SHALL BE TURNED CLOSED AND BURIED BEFORE ASPHALT SURFACE.
4. ALL HYDRANTS AND ASSEMBLY TO INCLUDE ALL EQUIPMENT NECESSARY FOR PROPER INSTALLATION AND USE INCLUDING VALVE AND 6"ø DUCTILE IRON PIPE.
5. ALL INSTALLED DUCTILE IRON WATER PIPE TO HAVE A MINIMUM COVER OF 5' DEPTH ALONG THE ENTIRE LENGTH OF THE PROJECT.
6. FOR DUCTILE IRON PIPE INSTALLATION: THICKNESS 52 FOR TYPICAL DISTRIBUTION MAINS 12" NOMINAL SIZE AND SMALLER. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, PUSH-ON RESTRAINING GASKETS WITH INTEGRAL STAINLESS STEEL LOCKING SEGMENTS ARE PERMITTED ON PIPE-TO-PIPE CONNECTIONS 12" NOMINAL SIZE AND SMALLER.
7. ENCASE ALL DUCTILE IRON PIPING, DUCTILE IRON FITTINGS, VALVES, HYDRANTS, RESTRAINT HARNESSES, AND ALL OTHER METALLIC APPURTENANCES IN 12mil BLUE POLYETHYLENE.
8. ALL MJ T-BOLTS AND FLANGE BOLTS SHALL HAVE XYLAN OR FLUOROKOTE #1 CORROSION RESISTANT COATING.
9. THRUST RESTRAINT TO BE ACHIEVED THROUGH RESTRAINT OF PIPE JOINTS AND FITTINGS. THRUST BLOCKS ARE NOT AN ACCEPTABLE MEANS OF THRUST RESTRAINT, EXCEPT WHEN REQUIRED IN CONNECTING EXISTING WATER MAIN AND FOR INSTALLATION OF FIRE HYDRANTS. SEE SPECIFICATION SECTIONS 15105 AND THE RESTRAINED PIPE LENGTH TABLE ON DETAILS SHEET C-22 FOR PIPE JOINT RESTRAINT REQUIREMENTS FOR DUCTILE IRON PIPE.
10. COPPER-CLAD STEEL TRACER WIRE REQUIRED ON INSTALLATION OF ALL PIPE. TRACER WIRE SHALL BE TAPED TO PIPE OR POLYETHYLENE ENCASEMENT AT A MINIMUM SPACING OF 10-FEET. SPLICES SHALL BE ENCASED IN WATERPROOF CONNECTORS. WIRE AND CONNECTORS ARE TO BE COMPATIBLE AND FROM THE SAME MANUFACTURER. DETECTABLE TAPE IS REQUIRED ONE FOOT ABOVE ABOVE PIPE. CONTINUITY SHALL BE TESTED AFTER COMPLETION OF BACKFILL.
11. WATER MAIN ISOLATION BY MEANS OF VALVE CLOSURE SHALL BE COORDINATED WITH THE TOWN OF PORTER AND INDIANA AMERICAN WATER.
12. CONTRACTOR MUST SUBMIT SPECIFICATIONS SHEETS FOR BACKFLOW AND DOMESTIC METERING SCHEMATIC TO INDIANA AMERICAN WATER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. METER'S LARGER THAN 1 ½" REQUIRE A BYPASS.
13. SERVICE LINES LARGER THAN 2"ø MUST BE PRESSURE AND BACTERIA TESTED PRIOR TO METER INSTALL AND ACTIVATION. PRESSURE TESTING CANNOT BE COMPLETED AGAINST AN INDIANA AMERICAN WATER TAPPING VALVE. INDIANA AMERICAN WATER WILL TAP THE MAIN, INSTALL A CAP WITH A 2" FLUSH-OUT FOR THE CONTRACTOR TO COMPLETE THEIR TESTING AND FINAL TIE-IN AFTER TESTING. TWO CONSECUTIVE PASSING BACTERIA TESTS MUST BE SUBMITTED TO INDIANA AMERICAN WATER.
14. FIRE AND DOMESTIC WATER SERVICES SHALL BE INSTALLED WITH A CENTER TO CENTER SEPARATION OF 4' MIN., 4 ½" MAX.
15. SELECT FILL MATERIAL REQUIRED FOR FINAL BACKFILL WHEN WITHIN 5-FEET OF PAVEMENT PER SPECIFICATION SECTION 02210.
16. MAINTAIN THE REQUIRED 10-FEET OF HORIZONTAL SEPARATION AND 18" OF VERTICAL SEPARATION FROM SANITARY AND STORM SEWERS. MAINTAIN 8-FEET OR HORIZONTAL SEPARATION FROM SANITARY AND STORM STRUCTURES. SEE 327 IAC 8-3.2-9 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION.
17. **FOR PVC C900 PIPE INSTALLATION: DR-14 PIPE IS REQUIRED. DEFLECTION OF PIPE JOINTS AND BENDING OF PIPES ARE NOT PERMITTED. ALL ANGLES SHALL BE MADE WITH PROPER FITTINGS. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, ALL JOINTS SHALL BE RESTRAINED WITH EXTERNAL SPLIT SERRATED RESTRAINT HARNESSES. SELECT FILL MATERIAL REQUIRED FOR BEDDING AND EMBEDMENT REGARDLESS OF PIPE'S PROXIMITY TO PAVEMENT. PVC C900 PIPE IS NOT ALLOWED FOR PIPES LARGER THAN 12-INCH.**
18. **ALL FIRE HYDRANT LATERALS SHALL BE DUCTILE IRON PIPE**
19. **CONTRACTOR OPTION: ALL 3"ø AND 4"ø DUCTILE IRON DOMESTIC SERVICE PIPE, AND 6"ø DUCTILE IRON FIRE SERVICE PIPE CAN BE SUBSTITUTED FOR PVC C900, DR-14.**

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MALAK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
Matthew L. Malak 3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

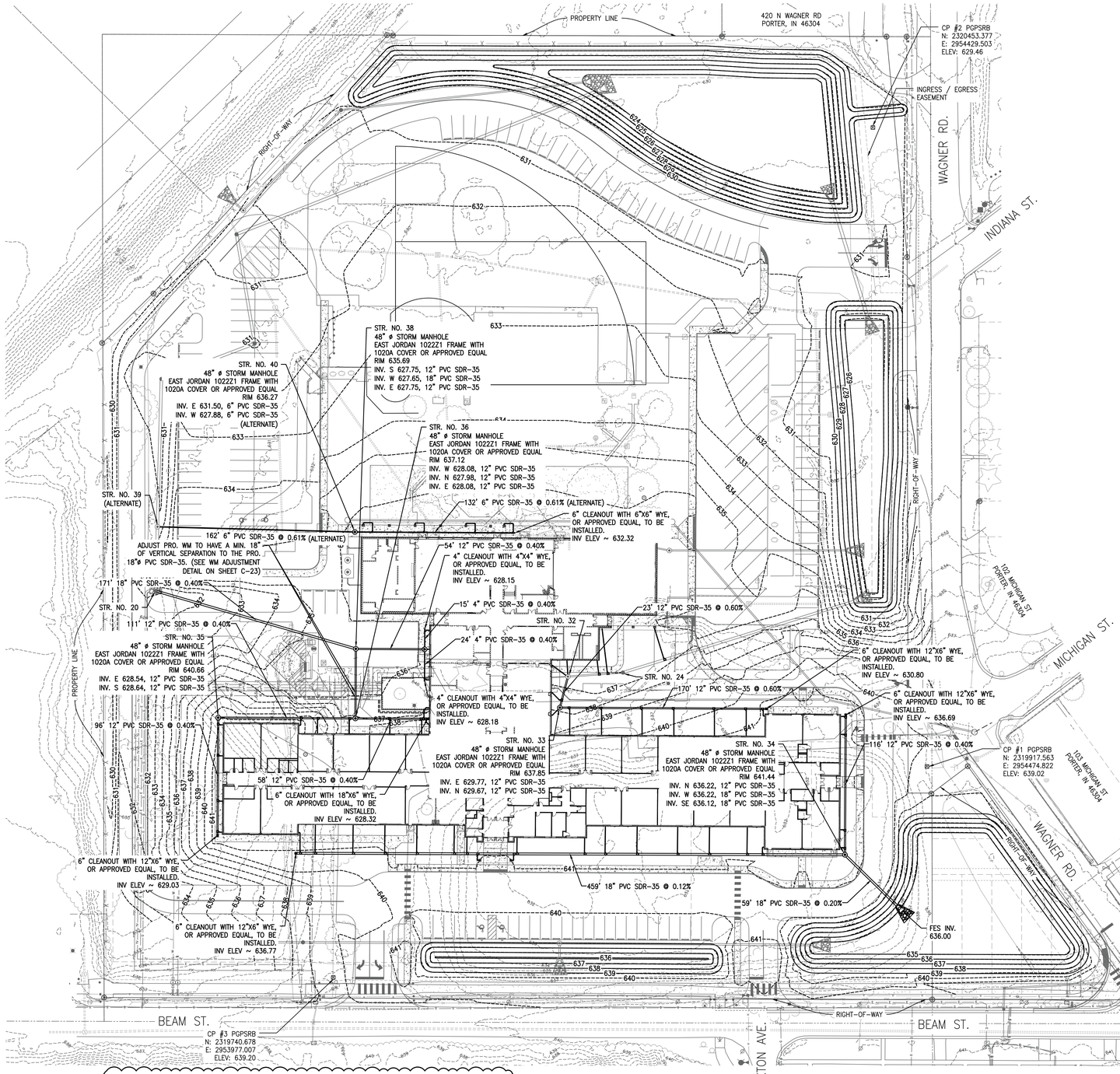
DRAWING
PROPOSED UTILITIES PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET C-16

Wednesday, 4/20/2022 - 2:12 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



AD-2 REVISIONS:

1. PVC C900, DR-14 INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE WATER MAIN NOTES SECTION AS NOTES #17, #18, AND #19.
2. REINFORCED CONCRETE PIPE INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE UTILITY NOTES SECTION AS NOTES #8 AND #9.

AD-2

UTILITY NOTES:

1. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
2. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
3. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
4. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
5. ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND PIPE OPENINGS SHALL NOT BE SEALED WITH BRICK AND MORTAR.
6. CONTRACTOR TO INSTALL BOOT AT ALL DOWNSPOUT LOCATIONS. SEE PLUMBING PLANS FOR DOWNSPOUT STORM CONNECTION DETAIL.
7. IF ALTERNATE CANOPY NORTH OF PROPOSED BUILDING IS INSTALLED THEN STR. NO. 11 & 12 MUST BE SHIFTED NORTH 2 FEET.
8. **ALL INSTALLED REINFORCED CONCRETE PIPE SHALL BE CLASS IV.**
9. **CONTRACTOR OPTION: ALL STORM PVC SDR-35 PIPE 18"ø AND ABOVE MAY BE REPLACED WITH RCP AT THE SAME INVERT ELEVATIONS. 24"ø PVC SDR-35 MUST BE REPLACED WITH 30"ø RCP AND ANY CONNECTING STRUCTURES SHALL BE A MINIMUM OF 60"ø.**

LEGEND

EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS	EXISTING STORM
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE	EXISTING WATERMAIN
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV	EXISTING CHAIN LINK FENCE
EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL	EXISTING TREE LINE
EXISTING MAN HOLE	CONTROL POINT	EXISTING FIBER OPTIC CABLE	SILT FENCE
EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING OVERHEAD ELECTRIC	RIGHT-OF-WAY
EXISTING INLET		EXISTING PIPELINE	PROPERTY LINE / BUILDING LINE
EXISTING UTILITY POLE		EXISTING SANITARY	SECTION LINE

AD-2

WATER MAIN NOTES:

1. INSTALLATION OF WATER MAIN, FITTINGS, VALVES, FIRE HYDRANTS, AND APPURTENANCES SHALL BE IN ACCORDANCE WITH INDIANA AMERICAN WATER STANDARDS AND SPECIFICATIONS, LATEST VERSION.
2. AT THE POINT OF CONNECTION TO EXISTING WATER MAINS, A TAPPING SLEEVE AND VALVE MAY BE REQUIRED TO BE INSTALLED IF THE EXISTING WATER MAIN CANNOT BE SHUT DOWN WITHOUT IMPACTING CUSTOMERS; TO BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
3. CONTRACTOR TO EXCAVATE AND DETERMINE ALL EXISTING WATER MAIN SIZES AND INTERCONNECTS PRIOR TO CUTTING AND CAPPING THE WATER MAIN THAT IS GOING TO BE REMOVED FROM SERVICE. ALL VALVES REMOVED FROM SERVICE SHALL BE TURNED CLOSED AND BURIED BEFORE ASPHALT SURFACE.
4. ALL FIRE HYDRANTS AND ASSEMBLY TO INCLUDE ALL EQUIPMENT NECESSARY FOR PROPER INSTALLATION AND USE INCLUDING VALVE AND 6"ø DUCTILE IRON PIPE.
5. ALL INSTALLED DUCTILE IRON WATER PIPE TO HAVE A MINIMUM COVER OF 5' DEPTH ALONG THE ENTIRE LENGTH OF THE PROJECT.
6. FOR DUCTILE IRON PIPE INSTALLATION: THICKNESS 52 FOR TYPICAL DISTRIBUTION MAINS 12" NOMINAL SIZE AND SMALLER. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, PUSH-ON RESTRAINING GASKETS WITH INTEGRAL STAINLESS STEEL LOCKING SEGMENTS ARE PERMITTED ON PIPE-TO-PIPE CONNECTIONS 12" NOMINAL SIZE AND SMALLER.
7. ENCASE ALL DUCTILE IRON PIPING, DUCTILE IRON FITTINGS, VALVES, HYDRANTS, RESTRAINT HARNESSES, AND ALL OTHER METALLIC APPURTENANCES IN 12mil BLUE POLYETHYLENE.
8. ALL MJ T-BOLTS AND FLANGE BOLTS SHALL HAVE XYLAN OR FLUOROKOTE #1 CORROSION RESISTANT COATING.
9. THRUST RESTRAINT TO BE ACHIEVED THROUGH RESTRAINT OF PIPE JOINTS AND FITTINGS. THRUST BLOCKS ARE NOT AN ACCEPTABLE MEANS OF THRUST RESTRAINT, EXCEPT WHEN REQUIRED IN CONNECTING EXISTING WATER MAIN AND FOR INSTALLATION OF FIRE HYDRANTS. SEE SPECIFICATION SECTIONS 15105 AND THE RESTRAINED PIPE LENGTH TABLE ON DETAILS SHEET C-22 FOR PIPE JOINT RESTRAINT REQUIREMENTS FOR DUCTILE IRON PIPE.
10. COPPER-CLAD STEEL TRACER WIRE REQUIRED ON INSTALLATION OF ALL PIPE. TRACER WIRE SHALL BE TAPED TO PIPE OR POLYETHYLENE ENCASEMENT AT A MINIMUM SPACING OF 10-FEET. SPLICES SHALL BE ENCASED IN WATERPROOF CONNECTORS. WIRE AND CONNECTORS ARE TO BE COMPATIBLE AND FROM THE SAME MANUFACTURER. DETECTABLE TAPE IS REQUIRED ONE FOOT ABOVE ABOVE PIPE. CONTINUITY SHALL BE TESTED AFTER COMPLETION OF BACKFILL.
11. WATER MAIN ISOLATION BY MEANS OF VALVE CLOSURE SHALL BE COORDINATED WITH THE TOWN OF PORTER AND INDIANA AMERICAN WATER.
12. CONTRACTOR MUST SUBMIT SPECIFICATIONS SHEETS FOR BACKFLOW AND DOMESTIC METERING SCHEMATIC TO INDIANA AMERICAN WATER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. METER'S LARGER THAN 1 ½" REQUIRE A BYPASS.
13. SERVICE LINES LARGER THAN 2"ø MUST BE PRESSURE AND BACTERIA TESTED PRIOR TO METER INSTALL AND ACTIVATION. PRESSURE TESTING CANNOT BE COMPLETED AGAINST AN INDIANA AMERICAN WATER TAPPING VALVE. INDIANA AMERICAN WATER WILL TAP THE MAIN, INSTALL A CAP WITH A 2" FLUSH-OUT FOR THE CONTRACTOR TO COMPLETE THEIR TESTING AND FINAL TIE-IN AFTER TESTING. TWO CONSECUTIVE PASSING BACTERIA TESTS MUST BE SUBMITTED TO INDIANA AMERICAN WATER.
14. FIRE AND DOMESTIC WATER SERVICES SHALL BE INSTALLED WITH A CENTER TO CENTER SEPARATION OF 4' MIN., 4 ½' MAX.
15. SELECT FILL MATERIAL REQUIRED FOR FINAL BACKFILL WHEN WITHIN 5-FEET OF PAVEMENT PER SPECIFICATION SECTION 02210.
16. MAINTAIN THE REQUIRED 10-FEET OF HORIZONTAL SEPARATION AND 18" OF VERTICAL SEPARATION FROM SANITARY AND STORM SEWERS. MAINTAIN 8-FEET OR HORIZONTAL SEPARATION FROM SANITARY AND STORM STRUCTURES. SEE 327 IAC 8-3.2-9 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION.
17. **FOR PVC C900 PIPE INSTALLATION: DR-14 PIPE IS REQUIRED. DEFLECTION OF PIPE JOINTS AND BENDING OF PIPES ARE NOT PERMITTED. ALL ANGLES SHALL BE MADE WITH PROPER FITTINGS. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, ALL JOINTS SHALL BE RESTRAINED WITH EXTERNAL SPLIT SERRATED RESTRAINT HARNESSES. SELECT FILL MATERIAL REQUIRED FOR BEDDING AND EMBEDMENT REGARDLESS OF PIPE'S PROXIMITY TO PAVEMENT. PVC C900 PIPE IS NOT ALLOWED FOR PIPES LARGER THAN 12-INCH.**
18. **ALL FIRE HYDRANT LATERALS SHALL BE DUCTILE IRON PIPE**
19. **CONTRACTOR OPTION: ALL 3"ø AND 4"ø DUCTILE IRON DOMESTIC SERVICE PIPE, AND 6"ø DUCTILE IRON FIRE SERVICE PIPE CAN BE SUBSTITUTED FOR PVC C900, DR-14.**

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7764
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MLINARIK NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

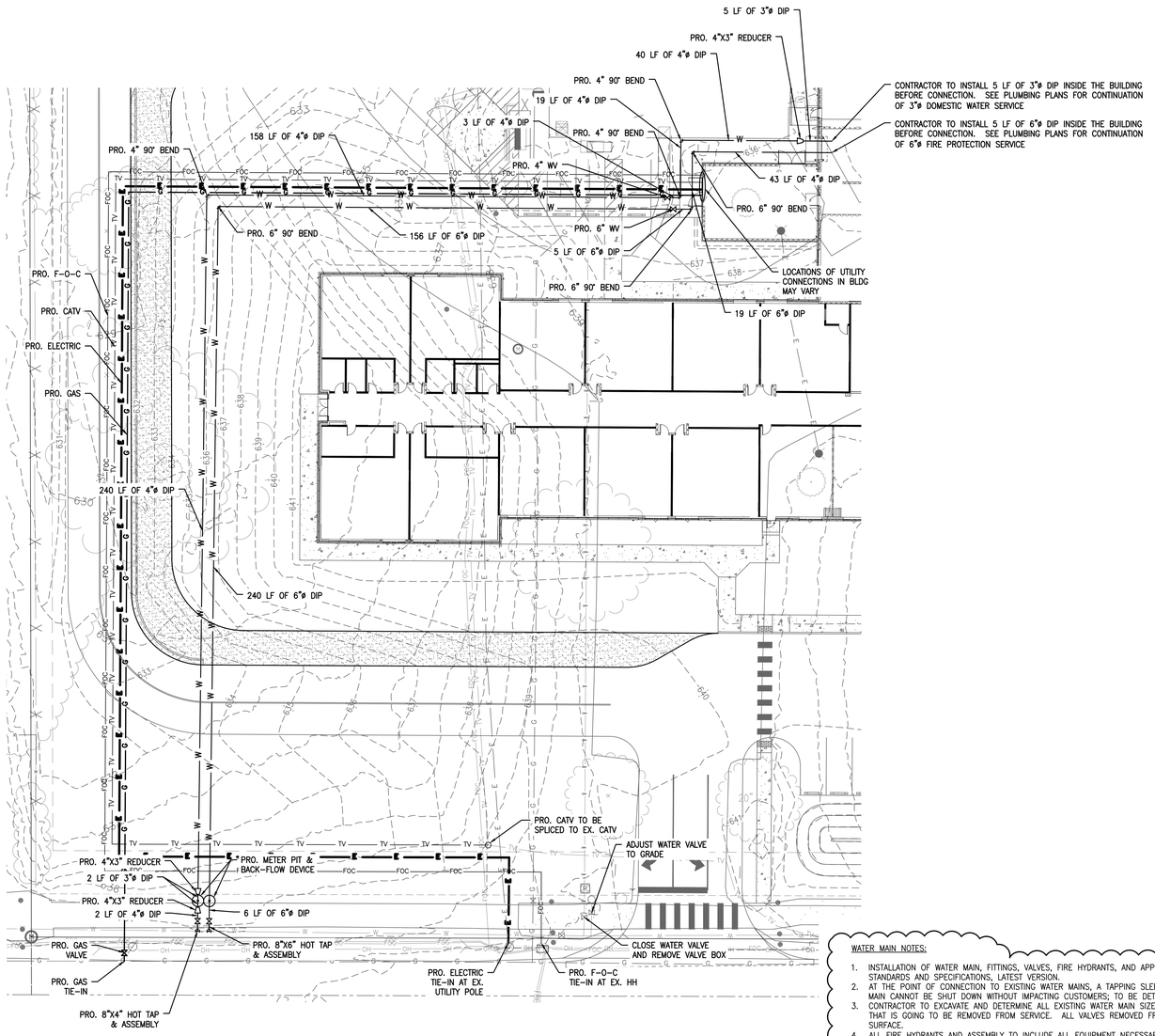
DRAWING
PROPOSED DOWNSPOUT STORM CONNECTION PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET C-17

Wednesday, 4/20/2022 - 2:13 PM - JUST SAVED BY:SBERROS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



20' 0 10' 20' 40'

1" = 20'-0"

AD-2 REVISIONS:

1. PVC C900, DR-14 INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE WATER MAIN NOTES SECTION AS NOTES #17, #18, AND #19.
2. REINFORCED CONCRETE PIPE INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE UTILITY NOTES SECTION AS NOTES #8 AND #9.

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
			EXISTING STORM
		W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

AD-2

UTILITY NOTES:

1. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
2. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
3. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
4. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
5. ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND PIPE OPENINGS SHALL NOT BE SEALED WITH BRICK AND MORTAR.
6. CONTRACTOR TO INSTALL BOOT AT ALL DOWNSPOUT LOCATIONS. SEE PLUMBING PLANS FOR DOWNSPOUT STORM CONNECTION DETAIL.
7. IF ALTERNATE CANOPY NORTH OF PROPOSED BUILDING IS INSTALLED THEN STR. NO. 11 & 12 MUST BE SHIFTED NORTH 2 FEET.
8. **ALL INSTALLED REINFORCED CONCRETE PIPE SHALL BE CLASS IV.**
9. **CONTRACTOR OPTION: ALL STORM PVC SDR-35 PIPE 18"ø AND ABOVE MAY BE REPLACED WITH RCP AT THE SAME INVERT ELEVATIONS. 24"ø PVC SDR-35 MUST BE REPLACED WITH 30"ø RCP AND ANY CONNECTING STRUCTURES SHALL BE A MINIMUM OF 60"ø.**

AD-2

WATER MAIN NOTES:

1. INSTALLATION OF WATER MAIN, FITTINGS, VALVES, FIRE HYDRANTS, AND APPURTENANCES SHALL BE IN ACCORDANCE WITH INDIANA AMERICAN WATER STANDARDS AND SPECIFICATIONS, LATEST VERSION.
2. AT THE POINT OF CONNECTION TO EXISTING WATER MAINS, A TAPPING SLEEVE AND VALVE MAY BE REQUIRED TO BE INSTALLED IF THE EXISTING WATER MAIN CANNOT BE SHUT DOWN WITHOUT IMPACTING CUSTOMERS; TO BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
3. CONTRACTOR TO EXCAVATE AND DETERMINE ALL EXISTING WATER MAIN SIZES AND INTERCONNECTS PRIOR TO CUTTING AND CAPPING THE WATER MAIN THAT IS GOING TO BE REMOVED FROM SERVICE. ALL VALVES REMOVED FROM SERVICE SHALL BE TURNED CLOSED AND BURIED BEFORE ASPHALT SURFACE.
4. ALL FIRE HYDRANTS AND ASSEMBLY TO INCLUDE ALL EQUIPMENT NECESSARY FOR PROPER INSTALLATION AND USE INCLUDING VALVE AND 6"ø DUCTILE IRON PIPE.
5. ALL INSTALLED DUCTILE IRON WATER PIPE TO HAVE A MINIMUM COVER OF 5' DEPTH ALONG THE ENTIRE LENGTH OF THE PROJECT.
6. FOR DUCTILE IRON PIPE INSTALLATION: THICKNESS 52 FOR TYPICAL DISTRIBUTION MAINS 12" NOMINAL SIZE AND SMALLER. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, PUSH-ON RESTRAINING GASKETS WITH INTEGRAL STAINLESS STEEL LOCKING SEGMENTS ARE PERMITTED ON PIPE-TO-PIPE CONNECTIONS 12" NOMINAL SIZE AND SMALLER.
7. ENCASE ALL DUCTILE IRON PIPING, DUCTILE IRON FITTINGS, VALVES, HYDRANTS, RESTRAINT HARNESSES, AND ALL OTHER METALLIC APPURTENANCES IN 12mil BLUE POLYETHYLENE.
8. ALL MJ T-BOLTS AND FLANGE BOLTS SHALL HAVE XYLAN OR FLUOROKOTE #1 CORROSION RESISTANT COATING.
9. THRUST RESTRAINT TO BE ACHIEVED THROUGH RESTRAINT OF PIPE JOINTS AND FITTINGS. THRUST BLOCKS ARE NOT AN ACCEPTABLE MEANS OF THRUST RESTRAINT, EXCEPT WHEN REQUIRED IN CONNECTING EXISTING WATER MAIN AND FOR INSTALLATION OF FIRE HYDRANTS. SEE SPECIFICATION SECTIONS 15105 AND THE RESTRAINED PIPE LENGTH TABLE ON DETAILS SHEET C-22 FOR PIPE JOINT RESTRAINT REQUIREMENTS FOR DUCTILE IRON PIPE.
10. COPPER-CLAD STEEL TRACER WIRE REQUIRED ON INSTALLATION OF ALL PIPE. TRACER WIRE SHALL BE TAPED TO PIPE OR POLYETHYLENE ENCASEMENT AT A MINIMUM SPACING OF 10-FEET. SPLICES SHALL BE ENCASED IN WATERPROOF CONNECTORS. WIRE AND CONNECTORS ARE TO BE COMPATIBLE AND FROM THE SAME MANUFACTURER. DETECTABLE TAPE IS REQUIRED ONE FOOT ABOVE ABOVE PIPE. CONTINUITY SHALL BE TESTED AFTER COMPLETION OF BACKFILL.
11. WATER MAIN ISOLATION BY MEANS OF VALVE CLOSURE SHALL BE COORDINATED WITH THE TOWN OF PORTER AND INDIANA AMERICAN WATER.
12. CONTRACTOR MUST SUBMIT SPECIFICATIONS SHEETS FOR BACKFLOW AND DOMESTIC METERING SCHEMATIC TO INDIANA AMERICAN WATER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. METER'S LARGER THAN 1 ½" REQUIRE A BYPASS.
13. SERVICE LINES LARGER THAN 2"ø MUST BE PRESSURE AND BACTERIA TESTED PRIOR TO METER INSTALL AND ACTIVATION. PRESSURE TESTING CANNOT BE COMPLETED AGAINST AN INDIANA AMERICAN WATER TAPPING VALVE. INDIANA AMERICAN WATER WILL TAP THE MAIN, INSTALL A CAP WITH A 2" FLUSH-OUT FOR THE CONTRACTOR TO COMPLETE THEIR TESTING AND FINAL TIE-IN AFTER TESTING. TWO CONSECUTIVE PASSING BACTERIA TESTS MUST BE SUBMITTED TO INDIANA AMERICAN WATER.
14. FIRE AND DOMESTIC WATER SERVICES SHALL BE INSTALLED WITH A CENTER TO CENTER SEPARATION OF 4' MIN., 4 ½' MAX.
15. SELECT FILL MATERIAL REQUIRED FOR FINAL BACKFILL WHEN WITHIN 5-FEET OF PAVEMENT PER SPECIFICATION SECTION 02210.
16. MAINTAIN THE REQUIRED 10-FEET OF HORIZONTAL SEPARATION AND 18" OF VERTICAL SEPARATION FROM SANITARY AND STORM SEWERS. MAINTAIN 8-FEET OR HORIZONTAL SEPARATION FROM SANITARY AND STORM STRUCTURES. SEE 327 IAC 8-3.2-9 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION.
17. **FOR PVC C900 PIPE INSTALLATION: DR-14 PIPE IS REQUIRED. DEFLECTION OF PIPE JOINTS AND BENDING OF PIPES ARE NOT PERMITTED. ALL ANGLES SHALL BE MADE WITH PROPER FITTINGS. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, ALL JOINTS SHALL BE RESTRAINED WITH EXTERNAL SPLIT SERRATED RESTRAINT HARNESSES. SELECT FILL MATERIAL REQUIRED FOR BEDDING AND EMBEDMENT REGARDLESS OF PIPE'S PROXIMITY TO PAVEMENT. PVC C900 PIPE IS NOT ALLOWED FOR PIPES LARGER THAN 12-INCH.**
18. **ALL FIRE HYDRANT LATERALS SHALL BE DUCTILE IRON PIPE.**
19. **CONTRACTOR OPTION: ALL 3"ø AND 4"ø DUCTILE IRON DOMESTIC SERVICE PIPE, AND 6"ø DUCTILE IRON FIRE SERVICE PIPE CAN BE SUBSTITUTED FOR PVC C900, DR-14.**

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MIHALIK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

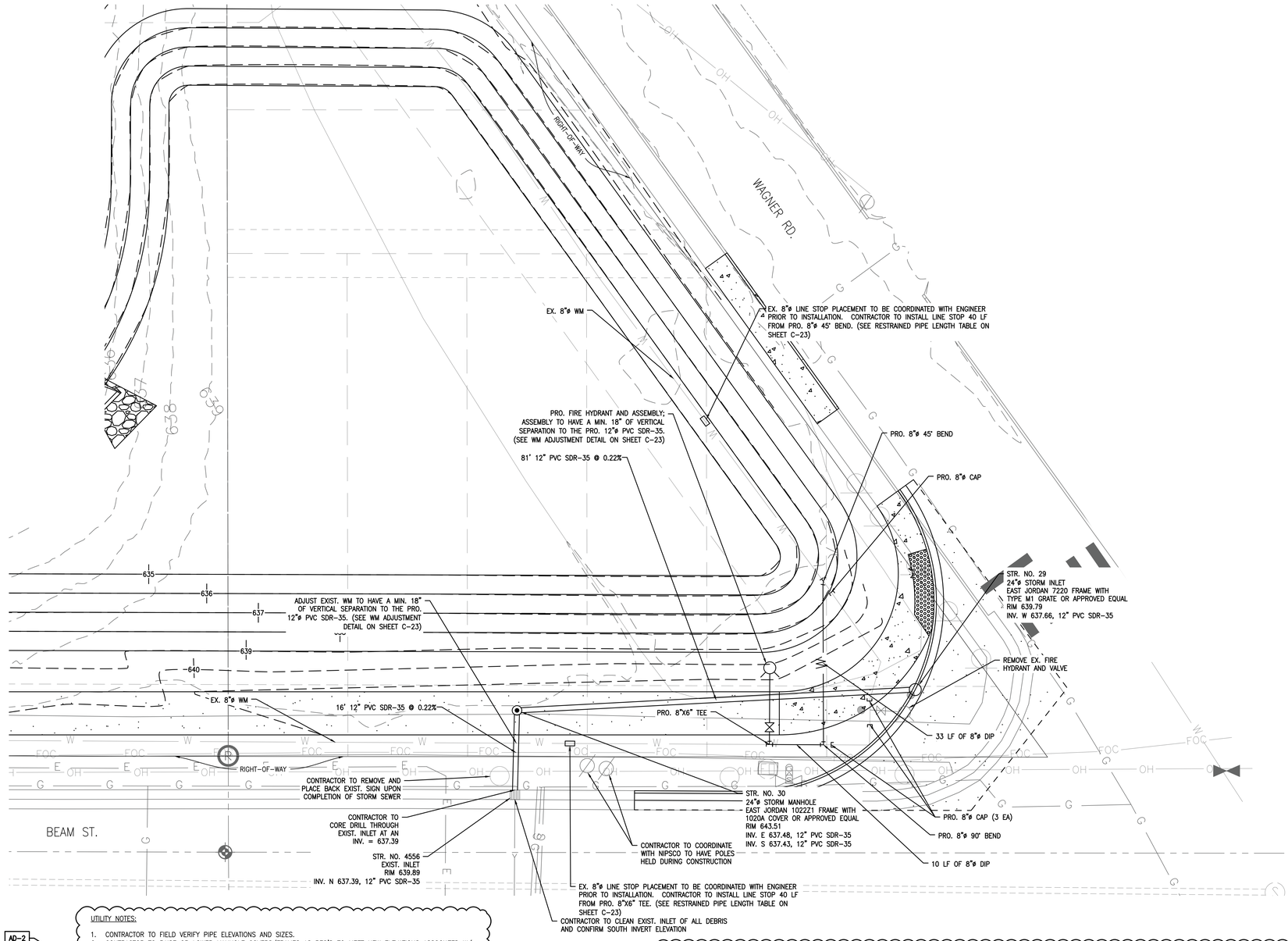
REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

DRAWING
PROPOSED SITE UTILITIES

PROJECT
NEW YOST ELEMENTARY SCHOOL

Wednesday, 4/20/2022 - 2:13 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



AD-2 REVISIONS:

1. PVC C900, DR-14 INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE WATER MAIN NOTES SECTION AS NOTES #17, #18, AND #19.
2. REINFORCED CONCRETE PIPE INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE UTILITY NOTES SECTION AS NOTES #8 AND #9.

AD-2

UTILITY NOTES:

1. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
2. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
3. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
4. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
5. ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND PIPE OPENINGS SHALL NOT BE SEALED WITH BRICK AND MORTAR.
6. CONTRACTOR TO INSTALL BOOT AT ALL DOWNSPOUT LOCATIONS. SEE PLUMBING PLANS FOR DOWNSPOUT STORM CONNECTION DETAIL.
7. IF ALTERNATE CANOPY NORTH OF PROPOSED BUILDING IS INSTALLED THEN STR. NO. 11 & 12 MUST BE SHIFTED NORTH 2 FEET.
8. **ALL INSTALLED REINFORCED CONCRETE PIPE SHALL BE CLASS IV.**
9. **CONTRACTOR OPTION: ALL STORM PVC SDR-35 PIPE 18"ø AND ABOVE MAY BE REPLACED WITH RCP AT THE SAME INVERT ELEVATIONS. 24"ø PVC SDR-35 MUST BE REPLACED WITH 30"ø RCP AND ANY CONNECTING STRUCTURES SHALL BE A MINIMUM OF 60"ø.**

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE		S S S	EXISTING SANITARY
		W W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

AD-2

WATER MAIN NOTES:

1. INSTALLATION OF WATER MAIN, FITTINGS, VALVES, FIRE HYDRANTS, AND APPURTENANCES SHALL BE IN ACCORDANCE WITH INDIANA AMERICAN WATER STANDARDS AND SPECIFICATIONS, LATEST VERSION.
2. AT THE POINT OF CONNECTION TO EXISTING WATER MAINS, A TAPPING SLEEVE AND VALVE MAY BE REQUIRED TO BE INSTALLED IF THE EXISTING WATER MAIN CANNOT BE SHUT DOWN WITHOUT IMPACTING CUSTOMERS; TO BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
3. CONTRACTOR TO EXCAVATE AND DETERMINE ALL EXISTING WATER MAIN SIZES AND INTERCONNECTS PRIOR TO CUTTING AND CAPPING THE WATER MAIN THAT IS GOING TO BE REMOVED FROM SERVICE. ALL VALVES REMOVED FROM SERVICE SHALL BE TURNED CLOSED AND BURIED BEFORE ASPHALT SURFACE.
4. ALL FIRE HYDRANTS AND ASSEMBLY TO INCLUDE ALL EQUIPMENT NECESSARY FOR PROPER INSTALLATION AND USE INCLUDING VALVE AND 6"ø DUCTILE IRON PIPE.
5. ALL INSTALLED DUCTILE IRON WATER PIPE TO HAVE A MINIMUM COVER OF 5' DEPTH ALONG THE ENTIRE LENGTH OF THE PROJECT.
6. FOR DUCTILE IRON PIPE INSTALLATION: THICKNESS 52 FOR TYPICAL DISTRIBUTION MAINS 12" NOMINAL SIZE AND SMALLER. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, PUSH-ON RESTRAINING GASKETS WITH INTEGRAL STAINLESS STEEL LOCKING SEGMENTS ARE PERMITTED ON PIPE-TO-PIPE CONNECTIONS 12" NOMINAL SIZE AND SMALLER.
7. ENCASE ALL DUCTILE IRON PIPING, DUCTILE IRON FITTINGS, VALVES, HYDRANTS, RESTRAINT HARNESSES, AND ALL OTHER METALLIC APPURTENANCES IN 12mil BLUE POLYETHYLENE.
8. ALL MJ T-BOLTS AND FLANGE BOLTS SHALL HAVE XYLAN OR FLUOROKOTE #1 CORROSION RESISTANT COATING.
9. THRUST RESTRAINT TO BE ACHIEVED THROUGH RESTRAINT OF PIPE JOINTS AND FITTINGS. THRUST BLOCKS ARE NOT AN ACCEPTABLE MEANS OF THRUST RESTRAINT, EXCEPT WHEN REQUIRED IN CONNECTING EXISTING WATER MAIN AND FOR INSTALLATION OF FIRE HYDRANTS. SEE SPECIFICATION SECTIONS 15105 AND THE RESTRAINED PIPE LENGTH TABLE ON DETAILS SHEET C-22 FOR PIPE JOINT RESTRAINT REQUIREMENTS FOR DUCTILE IRON PIPE.
10. COPPER-CLAD STEEL TRACER WIRE REQUIRED ON INSTALLATION OF ALL PIPE. TRACER WIRE SHALL BE TAPED TO PIPE OR POLYETHYLENE ENCASEMENT AT A MINIMUM SPACING OF 10-FEET. SPLICES SHALL BE ENCASED IN WATERPROOF CONNECTORS. WIRE AND CONNECTORS ARE TO BE COMPATIBLE AND FROM THE SAME MANUFACTURER. DETECTABLE TAPE IS REQUIRED ONE FOOT ABOVE PIPE. CONTINUITY SHALL BE TESTED AFTER COMPLETION OF BACKFILL.
11. WATER MAIN ISOLATION BY MEANS OF VALVE CLOSURE SHALL BE COORDINATED WITH THE TOWN OF PORTER AND INDIANA AMERICAN WATER.
12. CONTRACTOR MUST SUBMIT SPECIFICATIONS SHEETS FOR BACKFLOW AND DOMESTIC METERING SCHEMATIC TO INDIANA AMERICAN WATER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. METER'S LARGER THAN 1 ½" REQUIRE A BYPASS.
13. SERVICE LINES LARGER THAN 2"ø MUST BE PRESSURE AND BACTERIA TESTED PRIOR TO METER INSTALL AND ACTIVATION. PRESSURE TESTING CANNOT BE COMPLETED AGAINST AN INDIANA AMERICAN WATER TAPPING VALVE. INDIANA AMERICAN WATER WILL TAP THE MAIN, INSTALL A CAP WITH A 2" FLUSH-OUT FOR THE CONTRACTOR TO COMPLETE THEIR TESTING AND FINAL TIE-IN AFTER TESTING. TWO CONSECUTIVE PASSING BACTERIA TESTS MUST BE SUBMITTED TO INDIANA AMERICAN WATER.
14. FIRE AND DOMESTIC WATER SERVICES SHALL BE INSTALLED WITH A CENTER TO CENTER SEPARATION OF 4' MIN., 4 ½' MAX.
15. SELECT FILL MATERIAL REQUIRED FOR FINAL BACKFILL WHEN WITHIN 5-FEET OF PAVEMENT PER SPECIFICATION SECTION 02210.
16. MAINTAIN THE REQUIRED 10-FEET OF HORIZONTAL SEPARATION AND 18" OF VERTICAL SEPARATION FROM SANITARY AND STORM SEWERS. MAINTAIN 8-FEET OR HORIZONTAL SEPARATION FROM SANITARY AND STORM STRUCTURES. SEE 327 IAC 8-3.2-9 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION.
17. **FOR PVC C900 PIPE INSTALLATION: DR-14 PIPE IS REQUIRED. DEFLECTION OF PIPE JOINTS AND BENDING OF PIPES ARE NOT PERMITTED. ALL ANGLES SHALL BE MADE WITH PROPER FITTINGS. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, ALL JOINTS SHALL BE RESTRAINED WITH EXTERNAL SPLIT SERRATED RESTRAINT HARNESSES. SELECT FILL MATERIAL REQUIRED FOR BEDDING AND EMBEDMENT REGARDLESS OF PIPE'S PROXIMITY TO PAVEMENT. PVC C900 PIPE IS NOT ALLOWED FOR PIPES LARGER THAN 12-INCH.**
18. **ALL FIRE HYDRANT LATERALS SHALL BE DUCTILE IRON PIPE.**
19. **CONTRACTOR OPTION: ALL 3"ø AND 4"ø DUCTILE IRON DOMESTIC SERVICE PIPE, AND 6"ø DUCTILE IRON FIRE SERVICE PIPE CAN BE SUBSTITUTED FOR PVC C900, DR-14.**

10' 0 5' 10' 20'
1" = 10'-0"

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES
engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MALIK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THE INFORMATION SHOWN HEREIN IS TO BE USED IN PART OR WHOLE FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN PERMISSION OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

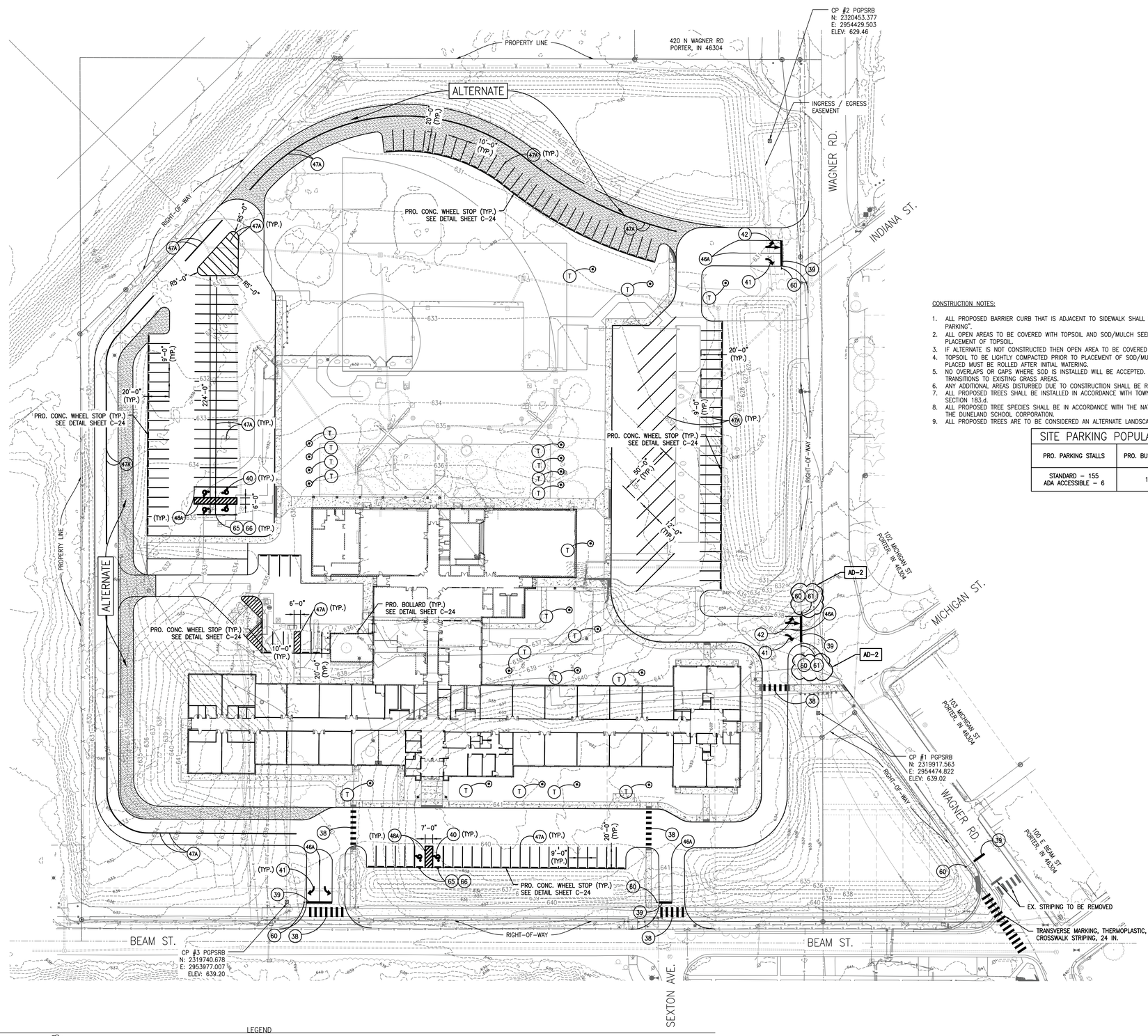
DRAWING
PROPOSED UTILITIES
WAGNER RD & BEAM ST
INTERSECTION

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-19

Wednesday, 4/20/2022 - 2:13 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REVD2.DWG



40' 0 20' 40' 80'

1" = 40'-0"

CONSTRUCTION NOTES:

1. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
2. ALL OPEN AREAS TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED. ALL DEBRIS TO BE REMOVED PRIOR TO PLACEMENT OF TOPSOIL.
3. IF ALTERNATE IS NOT CONSTRUCTED THEN OPEN AREA TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
4. TOPSOIL TO BE LIGHTLY COMPACTED PRIOR TO PLACEMENT OF SOD/MULCH SEED. ANY AREAS WHERE SOD IS PLACED MUST BE ROLLED AFTER INITIAL WATERING.
5. NO OVERLAPS OR GAPS WHERE SOD IS INSTALLED WILL BE ACCEPTED. ALL SOD TO HAVE TIGHT JOINTS, INCLUDING TRANSITIONS TO EXISTING GRASS AREAS.
6. ANY ADDITIONAL AREAS DISTURBED DUE TO CONSTRUCTION SHALL BE REPAIRED.
7. ALL PROPOSED TREES SHALL BE INSTALLED IN ACCORDANCE WITH TOWN OF PORTER CODE ORDINANCES, ARTICLE XV, SECTION 183.d.
8. ALL PROPOSED TREE SPECIES SHALL BE IN ACCORDANCE WITH THE NATIVE LANDSCAPING OVERVIEW PROVIDED BY THE DUNELAND SCHOOL CORPORATION.
9. ALL PROPOSED TREES ARE TO BE CONSIDERED AN ALTERNATE LANDSCAPING OPTION.

SITE PARKING POPULATION	
PRO. PARKING STALLS	PRO. BUS STALLS
STANDARD – 155 ADA ACCESSIBLE – 6	13

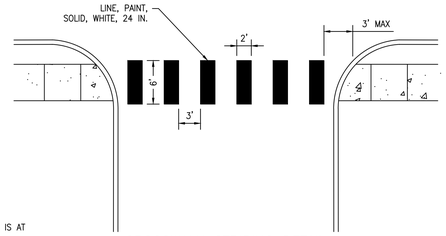
LEGEND

(38) TRANSVERSE MARKING, PAINT, CROSSWALK STRIPING, 24"	EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS
(39) TRANSVERSE MARKING, PAINT, STOP LINE, 24"	EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE
(40) PVMT MESSAGE MARKING, PAINT, HANDICAP SYMBOL	EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV
(41) PVMT MESSAGE MARKING, PAINT, TURN ARROW	EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL
(42) PVMT MESSAGE MARKING, PAINT, STRAIGHT/TURN ARROW	EXISTING MAN HOLE	CONTROL POINT	EXISTING FIBER OPTIC CABLE
(46A) SOLID LINE, PAINT, WHITE, 4"	EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING OVERHEAD ELECTRIC
(47A) SOLID LINE, PAINT, YELLOW, 4"	EXISTING INLET		EXISTING PIPELINE
(48A) SOLID LINE, PAINT, BLUE, 4"	EXISTING UTILITY POLE		EXISTING SANITARY
(60) R1-1, SIGN, "STOP", 30"X30"			EXISTING STORM
(61) R5-1, SIGN, "DO NOT ENTER", 30"X30" AD-2			
(65) R7-8, SIGN, "RESERVED PARKING", 12"X18"			
(66) R7-8P, SIGN, "VAN ACCESSIBLE", 12"X6"			
(T) PROPOSED TREE			

EXISTING WATERMAIN	
EXISTING CHAIN LINK FENCE	
EXISTING TREE LINE	
SILT FENCE	
RIGHT-OF-WAY	
PROPERTY LINE / BUILDING LINE	
SECTION LINE	

AD-2 REVISIONS:

1. ONE "STOP" SIGN HAS BEEN ADDED TO THE EXIT THAT IS AT THE INTERSECTION OF WAGNER RD. AND MICHIGAN ST.
2. TWO "DO NOT ENTER" SIGN'S HAVE BEEN ADDED TO THE EXIT THAT IS AT THE INTERSECTION OF WAGNER RD. AND MICHIGAN ST.
3. "R5-1, SIGN, "DO NOT ENTER", 30"X30"" HAS BEEN ADDED TO THE LEGEND AS ITEM # 61.



CROSSWALK STRIPING DETAIL

NOT TO SCALE

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email Info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MINNICK NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

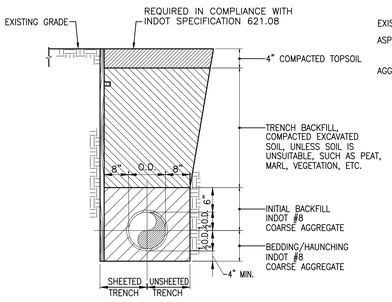
DRAWING
PROPOSED LANDSCAPING, LINE STRIPING, AND SIGNAGE

PROJECT
NEW YOST ELEMENTARY SCHOOL

GIBRALTAR DESIGN

SHEET
C-20

Wednesday, 4/20/2022 - 2:13 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



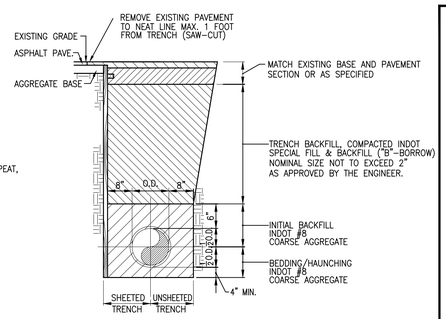
PIPE BEDDING DETAIL

NOT TO SCALE

FOR TRENCH IN GRASS AREAS

NOTES:

1. OPEN-CUT TRENCHES SHALL BE SHEETED AND BRACED AS REQUIRED BY OSHA (29CFR 1926/1910), AND AS NECESSARY TO PROTECT LIFE, PROPERTY, AND THE WORK.



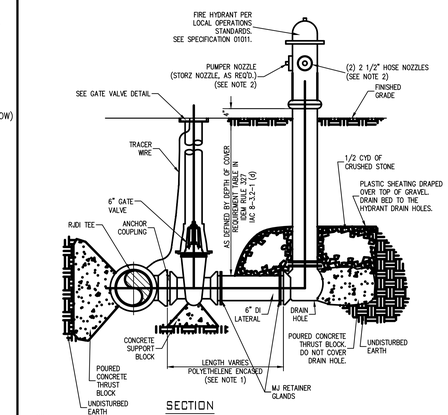
PIPE BEDDING DETAIL

NOT TO SCALE

FOR TRENCH IN PAVED AREAS

NOTES:

1. OPEN-CUT TRENCHES SHALL BE SHEETED AND BRACED AS REQUIRED BY OSHA (29CFR 1926/1910), AND AS NECESSARY TO PROTECT LIFE, PROPERTY, AND THE WORK.



SECTION

NOTE:
1. THE FIRE HYDRANT LATERAL, GATE VALVE, AND FIRE HYDRANT BARREL SHALL BE ENCASED IN POLYETHYLENE ENCASEMENT UP TO FINISHED GRADE PER SPECIFICATION 15130 PRIOR TO BACKFILL. THE POLYETHYLENE ENCASEMENT SHALL NOT INTERFERE WITH THE DRAIN HOLE.
2. WHEN INSTALLED BEHIND CURB, PUMPER AND HOSE NOZZLES TO BE AT LEAST 18"-24", DEPENDING ON LOCAL REQUIREMENTS, FROM FACE OF CURB.

FIRE HYDRANT DETAILS

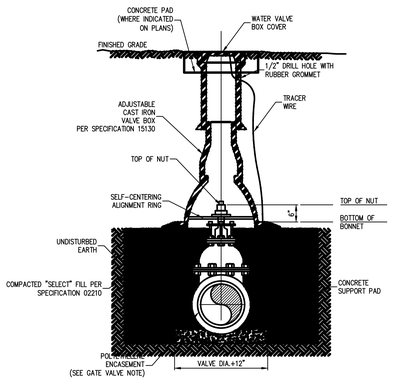
N.T.S.

INDIANA AMERICAN WATER
ENGINEERING DEPARTMENT
153 N. EMERSON AVENUE
GREENWOOD, INDIANA 46143

STANDARD DETAIL

FIRE HYDRANT DETAIL

DATE: JANUARY, 2018	DRAWN BY: S. FORD
LATEST REV: JULY, 2018	APP'D BY: E.N.



GATE VALVE (12" AND SMALLER)

N.T.S.

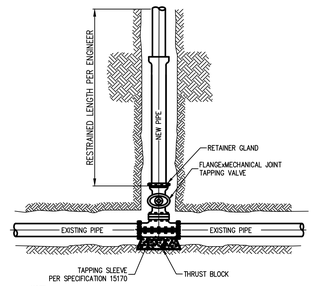
GATE VALVE NOTE
THE POLYETHELENE ENCASEMENT SHALL BE INSTALLED UP TO THE OPERATING NUT, AND OVER THE LOWER PORTION OF THE VALVE BOX, LEAVING THE OPERATING NUT EXPOSED AND FREE TO BE OPERATED WITHIN THE VALVE BOX.

INDIANA AMERICAN WATER
ENGINEERING DEPARTMENT
153 N. EMERSON AVENUE
GREENWOOD, INDIANA 46143

STANDARD DETAIL

GATE VALVE (12" AND SMALLER)

DATE: JANUARY, 2018	DRAWN BY: S. FORD
LATEST REV: JANUARY, 2018	APP'D BY: E.N.



NOTE:
1. RETAINER GLAND PER SPECIFICATION 15130.
2. TAPPING SLEEVE FOR HDPE PIPE MUST BE APPROVED FOR THE APPLICATION BY THE MANUFACTURER AND INAWC.

TAPPING SLEEVE AND TAPPING VALVE DETAIL

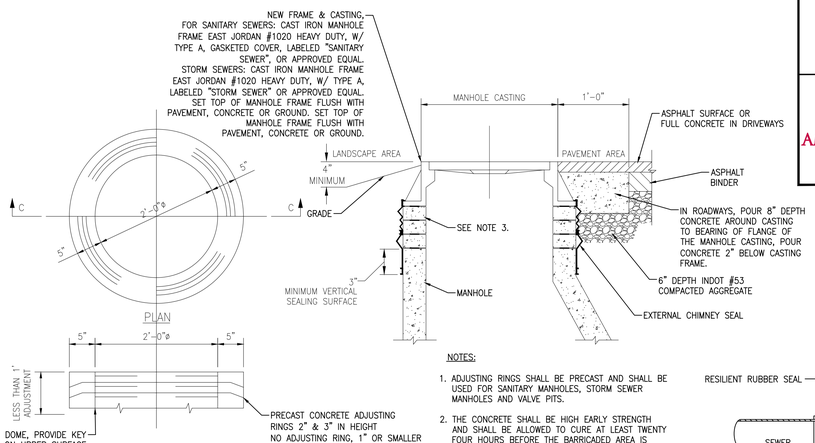
N.T.S.

INDIANA AMERICAN WATER
ENGINEERING DEPARTMENT
153 N. EMERSON AVENUE
GREENWOOD, INDIANA 46143

STANDARD DETAIL

TAPPING SLEEVE AND TAPPING VALVE

DATE: JANUARY, 2018	DRAWN BY: S. FORD
LATEST REV: JANUARY, 2018	APP'D BY: E.N.

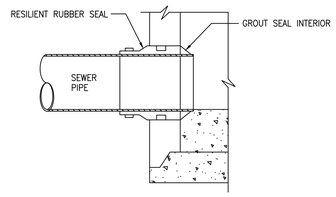


NOTES:

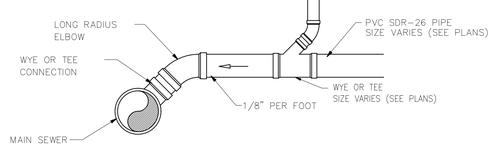
1. ADJUSTING RINGS SHALL BE PRECAST AND SHALL BE USED FOR SANITARY MANHOLES, STORM SEWER MANHOLES AND VALVE PITS.
2. THE CONCRETE SHALL BE HIGH EARLY STRENGTH AND SHALL BE ALLOWED TO CURE AT LEAST TWENTY FOUR HOURS BEFORE THE BARRICADED AREA IS ALLOWED FOR TRAFFIC.
3. SET CASTING TO GRADE WITH RISER RINGS. PLACE BUTYL SEALANT BETWEEN EACH RING AND TO CASTING.

CASTING ADJUSTMENT DETAIL

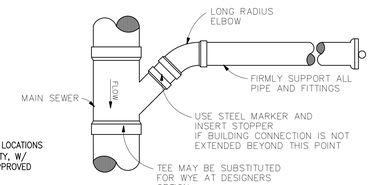
NOT TO SCALE



BOOT DETAIL



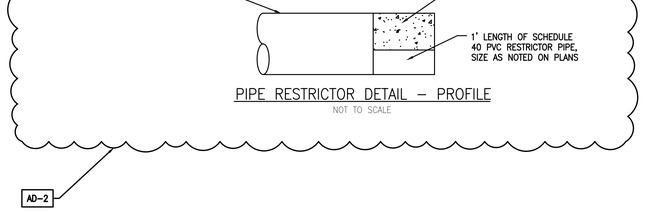
SECTIONAL VIEW



PLAN VIEW

BUILDING SERVICE W/ CLEANOUT CONNECTION DETAIL

NOT TO SCALE



PIPE RESTRICTOR DETAIL – SECTION

NOT TO SCALE

PIPE RESTRICTOR DETAIL – PROFILE

NOT TO SCALE

RESTRAINED PIPE LENGTH
(FEET)

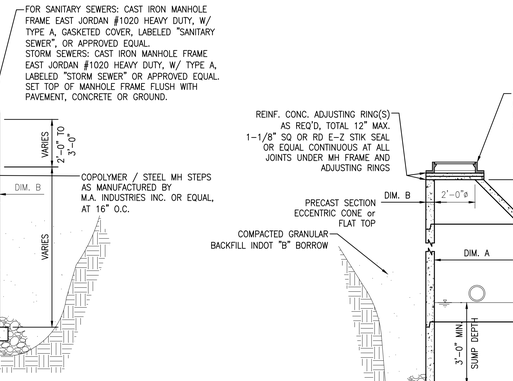
PIPE SIZE (INCHES)	TEE* BRANCH	90° ELBOW	45° ELBOW	22 1/2° ELBOW	11 1/4° ELBOW	DEAD ENDS
4	0	15	6	3	2	20
6	9	22	9	4	2	28
8	18	27	11	5	3	37
10	25	33	14	7	3	44
12		39	16	8	4	52
14	41	44	18	9	4	60
16	48	50	21	10	5	68
18	56	55	23	11	5	75
20	63	61	25	12	6	82
24	77	71	29	14	7	96
30	97	86	36	17	8	116
36	116	100	41	20	10	135

* ONE FULL LENGTH (18') OF PIPE ON BOTH SIDES OF BRANCH TO BE RESTRAINED.

INCREASE ALL LENGTHS IN TABLE BY 75% FOR USE ON POLYETHYLENE WRAPPED DUCTILE IRON PIPE OR PVC PIPE.

TEST PRESSURE BASED ON 150 PSI.

RESTRAINED PIPE LENGTH TABLE



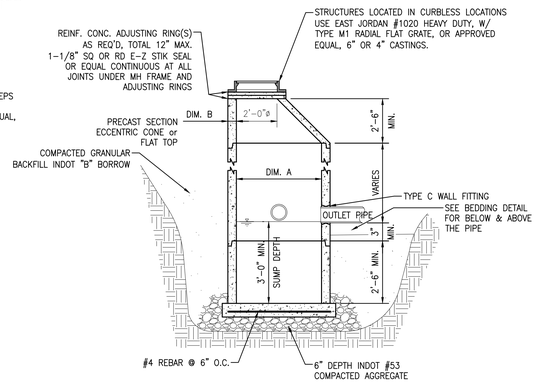
MANHOLE SIZE CHART	I.D.	MIN. WALL THICKNESS	MAX. PIPE DIAMETER
	36"	5"	18"
	48"	5"	24"
	60"	6"	36"
	72"	7"	48"

NOTES:

1. PRECAST REINFORCED CONCRETE MANHOLE BASE SECTIONS, RISER SECTIONS AND APPURTENANCES SHALL MEET ASTM C478 SPECIFICATIONS
2. BACKFILL WITH COMPACTED STRUCTURAL FILL IN PAVED AREAS.
3. WHERE DEPTH FROM TOP OF CASTING TO INVERT IS LESS THAN 5'-0", USE FLAT TOP MANHOLE IN LIEU OF ECCENTRIC CONE.
4. WATERTIGHT SEAL IS REQ'D BETWEEN PRECAST RISER AND SEWER PIPE.
5. THE BOTTOM MAY BE PRECAST OR CAST IN PLACE.
6. THE CONCRETE FOR THE WALL SHALL BE 4000 PSI
7. NEW STRUCTURES INCLUDE THE COST OF NEW FRAME AND LID.

SEWER MANHOLE DETAIL

NOT TO SCALE



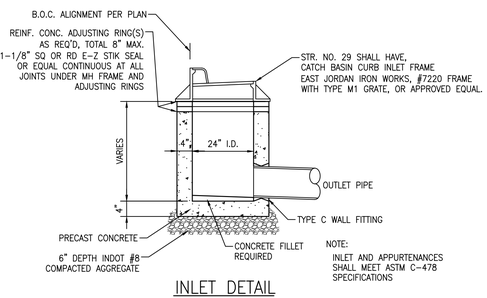
CATCH BASIN SIZE CHART	I.D.	MIN. WALL THICKNESS	MAX. PIPE DIAMETER
	36"	5"	18"
	48"	5"	24"

NOTES:

1. PRECAST REINFORCED CONCRETE MANHOLE BASE SECTIONS, RISER SECTIONS AND APPURTENANCES SHALL MEET ASTM C478 SPECIFICATIONS
2. THE BOTTOM MAY BE PRECAST OR CAST IN PLACE.
3. THE CONCRETE FOR THE WALL SHALL BE 4000 PSI

CATCH BASIN DETAIL

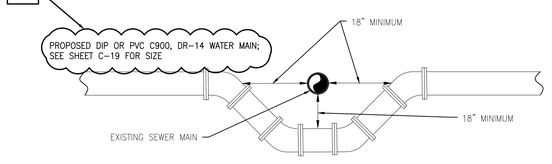
NOT TO SCALE



NOTE:
INLET AND APPURTENANCES SHALL MEET ASTM C-478 SPECIFICATIONS

INLET DETAIL

NOT TO SCALE



WATER MAIN ADJUSTMENT DETAIL

NOT TO SCALE

AD-2 REVISIONS:
1. REVISED WATER MAIN ADJUSTMENT DETAIL NOTE TO REFLECT PIPE MATERIAL MAY BE DUCTILE IRON OR PVC C900, DR-14.
2. INCLUDED PIPE RESTRICTOR DETAIL.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINALIN REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

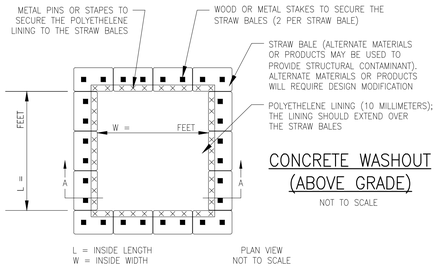
DRAWING
DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

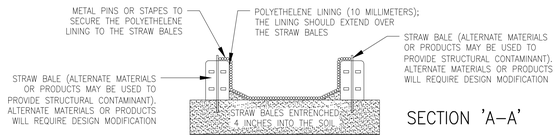
SHEET
C-23

Wednesday, 4/20/2022 - 2:13 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG

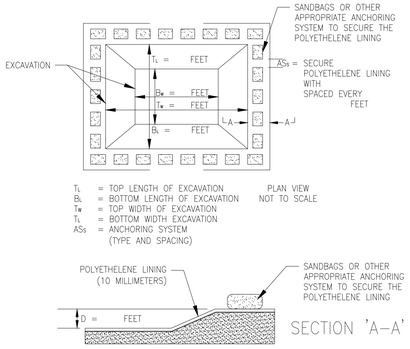


CONCRETE WASHOUT (ABOVE GRADE)

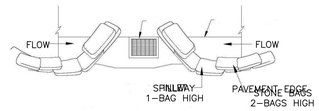
NOT TO SCALE



SECTION 'A–A'

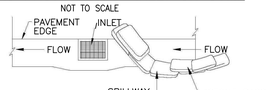


CONCRETE WASHOUT (BELOW GRADE)



STONE BAG PROTECTION – INLET ON SUMP

NOT TO SCALE

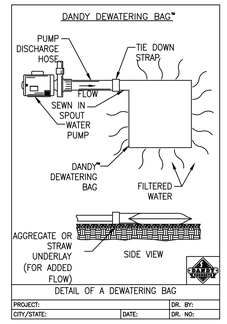


STONE BAG PROTECTION – INLET ON GRADE

NOT TO SCALE

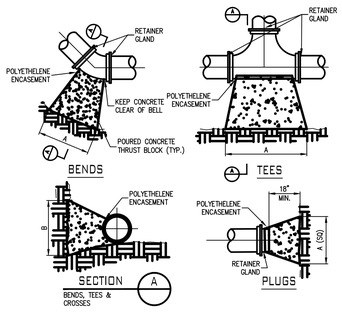
NOTES:

1. OVERLAP STONE BAGS ONTO CURB OR SIDEWALK, AS APPLICABLE.
2. INTENDED FOR SHORT–TERM USE, IN CONJUNCTION WITH INLET FILTER BASKET PROTECTION.
3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
4. STONE AGGREGATE MUST BE LARGER THAN STORM SEWER GRATE OPENINGS TO PREVENT IT FROM FALLING INTO THE STORM SEWER IN THE EVENT A BAG BREAKS.



DEWATERING FILTER BAG

NOT TO SCALE



THRUST BLOCK DETAIL

N.T.S.

NOTES:

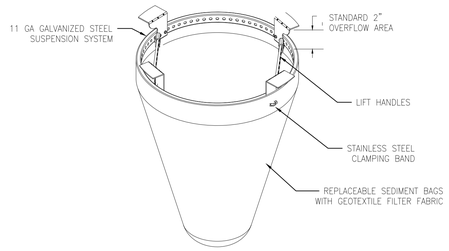
1. THRUST BLOCK DIMENSIONS SHALL BE PROVIDED BY THE DESIGN ENGINEER.
2. THRUST BLOCKS SHALL BE INSTALLED AGAINST UNDISTURBED SOIL WITH ADEQUATE BEARING TO PREVENT MOVEMENT OF FITTING.
3. NO THRUST BLOCKS TO BE PLACED IN SEWER LATERAL DITCHES.
4. THRUST BLOCKING MUST FIT IN EASEMENT, IN SOME CASES ADDITIONAL RESTRAINT MAY BE REQUIRED.
5. DESIGN TO BE BASED ON 200 PSI HYDROSTATIC WATER PRESSURE (150 PSI STATIC PRESSURE PLUS 50 PSI WATER HAMMER).
6. INSTALL POLYETHYLENE ENCASEMENT ON ALL D.I. PIPE AND FITTINGS PRIOR TO POURING CONCRETE.
7. PIPE JOINTS AND BOLTS MUST BE ACCESSIBLE.
8. ALLOW SUFFICIENT CLEARANCE BETWEEN CONCRETE AND BOLTS FOR FUTURE MAINTENANCE.
9. ALL ANCHOR BOLTS SHALL BE CORROSION RESISTANT, AND SIZED PER SPECIFICATION.
10. THRUST BLOCKING DETAILS ARE SHOWN HERE FOR TYPICAL INSTALLATIONS. IN SOME CASES, ADDITIONAL RESTRAINT MAY BE REQUIRED.
11. CONCRETE USED FOR THRUST BLOCKS SHALL BE MIN 3000 PSI CONCRETE.
12. FOR UNSTABLE SOIL CONDITIONS, THE ENGINEER SHALL VERIFY THRUST BLOCK DIMENSIONS.

INDIANA AMERICAN WATER
ENGINEERING DEPARTMENT
153 N. EMERSON AVENUE
GREENWOOD, INDIANA 46143

STANDARD DETAIL

THRUST BLOCKS

DATE: JANUARY, 2018	DRAWN BY: S. FORD
LATEST REV: JANUARY, 2018	APP'D BY: E.N.

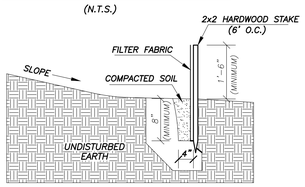


INLET PROTECTION INSERT

NOT TO SCALE

SILT FENCE INSTALLATION DETAIL

(N.T.S.)



INLET PROTECTION NOTES:

1. INLET PROTECTION SHALL BE INSTALLED AT EVERY EXISTING DRAINAGE STRUCTURE AND PROPOSED DRAINAGE STRUCTURE. INLET PROTECTION SHALL BE INSTALLED UPON BEGINNING OF THE PROJECT AND SHALL REMAIN IN PLACE ON EXISTING DRAINAGE STRUCTURE FOR DURATION OF PROJECT OR UNTIL STRUCTURE IS REMOVED. INLET PROTECTION SHALL BE INSTALLED ON PROPOSED DRAINAGE STRUCTURES UPON INSTALLATION OF STRUCTURE AND SHALL REMAIN IN PLACE UNTIL COMPLETION OF SURFACE STABILIZATION.
2. INLET PROTECTION BASKETS SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT OF 0.5" OR GREATER. REMOVE ANY ACCUMULATED DEBRIS AND SEDIMENT. REPAIR ANY DAMAGE TO INSERT BASKET IF ANY IS DETECTED.
3. REMOVE ANY DEPOSITED SEDIMENT FROM INLET FILTER BASKETS AND STONE BAG INLET PROTECTION ONCE THE LEVEL OF SEDIMENT REACHES HALF THE STORAGE HEIGHT OF THE CONTROL MEASURE, OR MORE OFTEN IF EXCESSIVE SEDIMENTATION IS EXPERIENCED. REMOVE GRATE FROM DRAINAGE STRUCTURE AND COLLECT DEBRIS FROM FILTER BASKET EITHER MANUALLY OR BY VACUUMING. IF A LAYER OF CLOGGING SILT REMAINS ON INSIDE OF FILTER BASKET BAG, FLUSH WITH WATER FOR OPTIMAL FILTRATION. ALL SEDIMENT REMOVED SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO ENTER THE STORM SEWER SYSTEM.
4. IF ANY INLET FILTER BASKET OR STONE BAGS DEVELOP HOLES, FAIL TO PASS WATER OR BECOME INEFFECTIVE FOR ANY REASON, REPLACE THE AFFECTED CONTROL MEASURE, OR PORTION THEREOF.

MAXIMUM LAND SLOPE AND DISTANCE FOR WHICH A SILT FENCE IS APPLICABLE

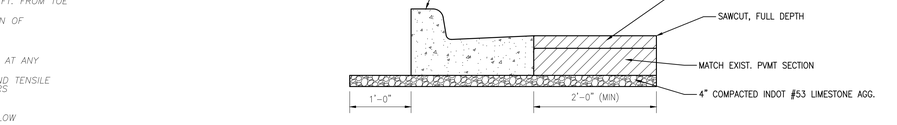
LESS THAN 2%	100 FT.
2 TO 5%	75 FT.
5 TO 10%	50 FT.
10 TO 20%	25 FT.
MORE THAN 20%	15 FT.

SPECIFICATIONS FOR SILT FENCE FABRIC

PHYSICAL PROPERTY	WOVEN FABRIC	NON–WOVEN FABRIC
FILTERING EFFICIENCY	85%	85%
TENSILE STRENGTH AT 20 % ELONGATION:		
STANDARD STRENGTH	30 LBS./LINEAL IN.	50 LBS./LINEAL IN.
EXTRA STRENGTH –	50 LBS./LINEAL IN.	70 LBS./LINEAL IN.
SLURRY FLOW RATE	0.3 GAL./MIN./SQ. FT.	4.5 GAL./MIN./SQ. FT.
WATER FLOW RATE	15 GAL./MIN./SQ. FT.	220 GAL./MIN./SQ. FT.
UV RESISTANCE	70%	85%

ADDITIONAL SILT FENCE REQUIREMENTS

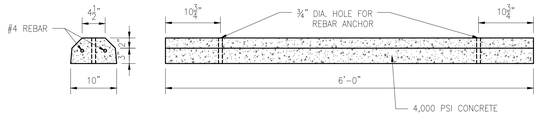
LOCATION: FENCE NEARLY LEVEL, APPROXIMATELY FOLLOWING THE LAND CONTOUR, AND AT LEAST 10 FT. FROM TOE OF SLOPE TO PROVIDE A BROAD, SHALLOW SEDIMENT POOL
TRENCH: 8 IN. MINIMUM DEPTH, FLAT BOTTOM, FILLED WITH COMPACTED SOIL TO BURY LOWER PORTION OF FENCE FABRIC (SEE DRAWING ABOVE)
SUPPORT POSTS: 2x2 HARDWOOD POSTS SET AT LEAST 1 FT. DEEP
SPACING OF POSTS: 6 FT. MAXIMUM – SEE DRAWING ABOVE
FENCE HEIGHT: HIGH ENOUGH SO THAT DEPTH OF IMPOUNDED WATER DOES NOT EXCEED 1–1/2 FT. AT ANY POINT ALONG FENCE LINE
FENCE FABRIC: WOVEN OR NON–WOVEN GEOTEXTILE FABRIC WITH SPECIFIED FILTERING EFFICIENCY AND TENSILE STRENGTH (SEE SPECIFICATIONS FOR SILT FENCE FABRIC ABOVE) AND CONTAINING UV INHIBITORS AND STABILIZERS TO ENSURE 6–MONTH MINIMUM LIFE AT TEMPERATURES 0°–120°F
ADDITIONALLY: PROVIDE ACCESS TO AREA IF SEDIMENT CLEANOUT WILL BE NEEDED
IF USING PRE–PACKED COMMERCIAL SILT FENCE RATHER THAN CONSTRUCTING ONE, FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS



NOTE: MIN. 4–INCHES OF COMPACTED INDOT #53 AGGREGATE (NO SLAG) REQUIRED BELOW CURB AND GUTTER. TO BE USED IN AREAS NOT ADJACENT TO FULL DEPTH ASPHALT PATCHING.

ASPHALT PAVEMENT PATCH ADJACENT TO CURB AND GUTTER REPLACEMENT

NOT TO SCALE



CONCRETE WHEEL STOP

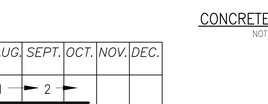
NOT TO SCALE

STABILIZATION PRACTICE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			1 →			2 →		1 →	2 →			
DORMANT SEEDING	3 →										3 →	
TEMPORARY SEEDING			5 →					6 →				
				4 →		2 →		4 →				
SODDING			7 →			2 →			7 →			
MULCHING	←	←	←	←	←	←	←	←	←	←	←	→

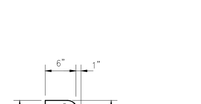
1 = Optimal planting for most turf mixes when properly fertilized, hydro–mulched, or straw mulched.
2 = Reduce Bluegrass % in mixes during this period.
3 = Seed only when germination cannot occur and increase seeding rates by 25% during this period.
4 = Annual ryegrass 50 lb per acre (1 lb. / 1000 s.f.)
5 = Spring oats 3 bu. per acre
6 = Wheat or Rye 2 bu. per acre
7 = Sod, irrigate 2–3 weeks after installation

SEE SECTION 02481 OF PROJECT SPECIFICATIONS FOR SODDING REQUIREMENTS.

SEASONAL SOIL PROTECTION CHART

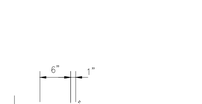


CONCRETE SIDEWALK



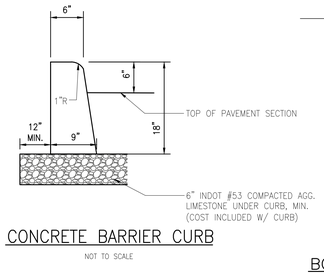
CONCRETE CURB AND GUTTER

NOT TO SCALE



DEPRESSED CONCRETE CURB AND GUTTER AT DRIVES AND AT ALL ALLEY INTERSECTIONS

NOT TO SCALE



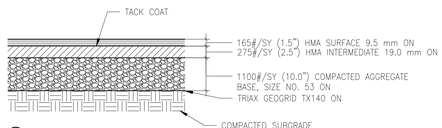
CONCRETE BARRIER CURB

NOT TO SCALE

BOLLARD SECTION DETAIL

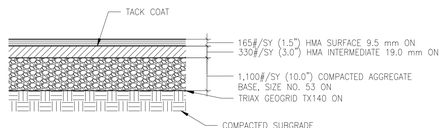
NOT TO SCALE

NOTE:
REMOVABLE BOLLARD TO BE THE SAME STYLE, SIZE & LOCKABLE. HINGE AT BASE, BOLTED TO CONCRETE AND FLUSH WITH GRADE. BOLLARDS TO BE APPROVED BY ENGINEER.



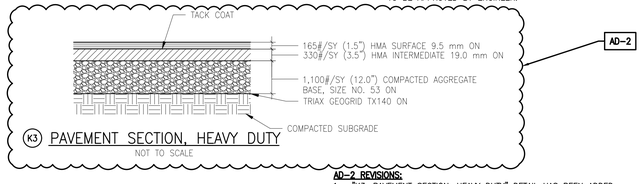
(K1) PAVEMENT SECTION

NOT TO SCALE



(K2) PAVEMENT SECTION, TRAIL

NOT TO SCALE



(K3) PAVEMENT SECTION, HEAVY DUTY

NOT TO SCALE

AD–2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana. 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21–558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MILLER NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR INFORMATION OTHER THAN THAT FOR WHICH IT WAS INTENDED OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD–2	04/21/22	ADDENDUM 2

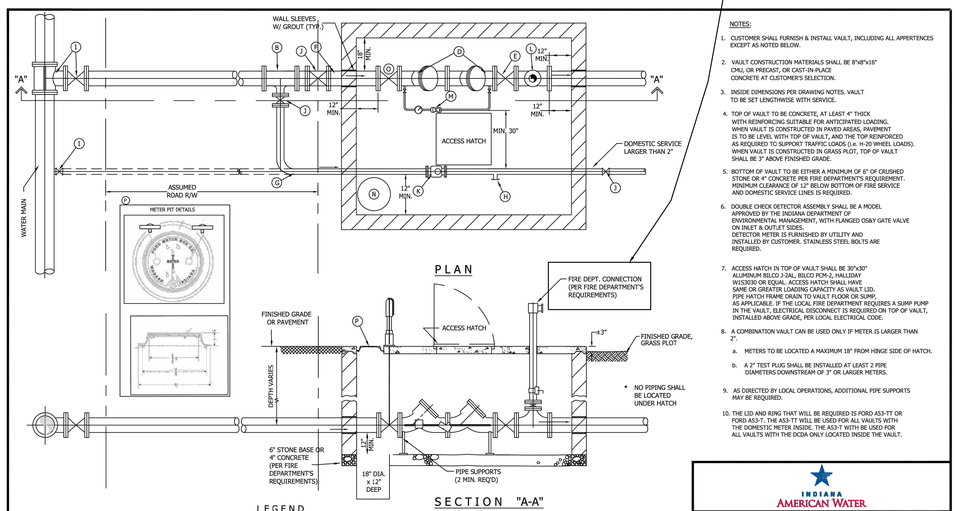
DRAWING
DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C-24

Wednesday, 4/20/2022 – 2:14 PM – LAST SAVED BY:SIERROS
X:\PROJECTS\GIBRALTAR\21–558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REVIZ.DWG



FIRE PROTECTION CONNECTION SHALL BE IN ACCORDANCE WITH FP-001 ON FIRE PROTECTION PLANS

AD-2

NOTES:

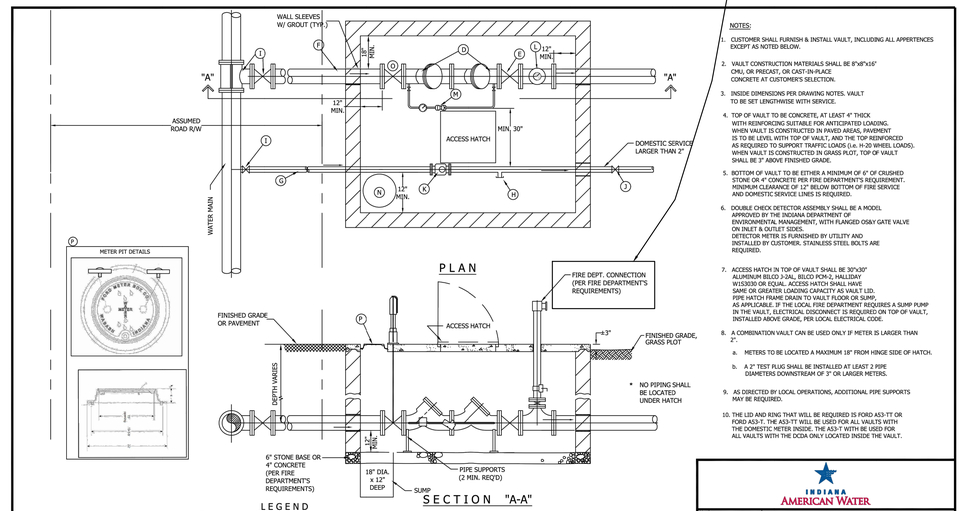
1. CUSTOMER SHALL FURNISH & INSTALL VAULT, INCLUDING ALL APPERTENCES EXCEPT AS NOTED BELOW.
2. VAULT CONSTRUCTION MATERIALS SHALL BE 8'x8'x16' CMU, OR PRECAST, OR CAST-IN-PLACE CONCRETE AT CUSTOMER'S SELECTION.
3. INSIDE DIMENSIONS PER DRAWING NOTES. VAULT TO BE SET LENGTHWISE WITH SERVICE.
4. TOP OF VAULT TO BE CONCRETE, AT LEAST 4" THICK WITH REINFORCING SUITABLE FOR ANTICIPATED LOADING. WHEN VAULT IS CONSTRUCTED IN PAVED AREAS, PAVEMENT IS TO BE LEVEL WITH TOP OF VAULT, AND THE TOP REINFORCED AS REQUIRED TO SUPPORT TRAFFIC LOADS (i.e. H-20 WHEEL LOADS). WHEN VAULT IS CONSTRUCTED IN GRASS PLOT, TOP OF VAULT SHALL BE 3" ABOVE FINISHED GRADE.
5. BOTTOM OF VAULT TO BE EITHER A MINIMUM OF 6" OF CRUSHED STONE OR 4" CONCRETE PER FIRE DEPARTMENT'S REQUIREMENT. MINIMUM CLEARANCE OF 12" BELOW BOTTOM OF FIRE SERVICE AND DOMESTIC SERVICE LINES IS REQUIRED.
6. DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE A MODEL APPROVED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, WITH FLANGED OS&Y GATE VALVE ON INLET & OUTLET SIDES. DETECTOR METER IS FURNISHED BY UTILITY AND INSTALLED BY CUSTOMER. STAINLESS STEEL BOLTS ARE REQUIRED.
7. ACCESS HATCH IN TOP OF VAULT SHALL BE 30"x30" ALUMINUM BILCO J-24L, BILCO PCH-2, HALLIDAY W153030 OR EQUAL. ACCESS HATCH SHALL HAVE SAME OR GREATER LOADING CAPACITY AS VAULT LID. PIPE HATCH FRAME DRAIN TO VAULT FLOOR OR SUMP, AS APPLICABLE. IF THE LOCAL FIRE DEPARTMENT REQUIRES A SUMP PUMP IN THE VAULT, ELECTRICAL DISCONNECT IS REQUIRED ON TOP OF VAULT, INSTALLED ABOVE GRADE, PER LOCAL ELECTRICAL CODE.
8. A COMBINATION VAULT CAN BE USED ONLY IF METER IS LARGER THAN 2".
   a. METERS TO BE LOCATED A MAXIMUM 18" FROM HINGE SIDE OF HATCH.
   b. A 2" TEST PLUG SHALL BE INSTALLED AT LEAST 2 PIPE DIAMETERS DOWNSTREAM OF 3" OR LARGER METERS.
9. AS DIRECTED BY LOCAL OPERATIONS, ADDITIONAL PIPE SUPPORTS MAY BE REQUIRED.
10. THE LID AND RING THAT WILL BE REQUIRED IS FORD A53-TT OR FORD A53-T. THE A53-TT WILL BE USED FOR ALL VAULTS WITH THE DOMESTIC METER INSIDE. THE A53-T WITH BE USED FOR ALL VAULTS WITH THE DCDA ONLY LOCATED INSIDE THE VAULT.

LEGEND

A	NOT USED	F	FIRE LINE	K	DOMESTIC SERVICE METER (SEE NOTE 8)	P	SUMP PUMP LID
B	RJDI TEE	G	DOMESTIC SERVICE (SEE NOTE 8)	L	FLANGED TEE		
C	NOT USED	H	2" TEST PLUG (SEE NOTE 8)	M	DETECTOR METER (SEE NOTE 8)		
D	DOUBLE CHECK DETECTOR ASSEMBLY	I	TAPPING SLEEVE W/ TAPPING VALVE & BOX (COORDINATE W/ LOCAL UTILITY SUPERINTENDENT/MANAGER)	N	SUMP PIT		
E	FLANGED OS & Y VALVE	J	RJDI GATE VALVE	O	FLANGED OS&Y VALVE WITH PIT TYPE POST INDICATOR		

INDIANA AMERICAN WATER

SCALE: NO SCALE	LONG SIDE VAULT DETAIL
REVISIONS	STANDARD FOR COMBINED FIRE SERVICE & METER VAULT FOR 3" AND LARGER SINGLE METER CONFIGURATION
DRAWN BY: R.K.B. DATE: 2/2017	CHECKED: A.C.
AUTOCAD FILE: (5-8-14 sign bar for 3 tier by 4th)	APPROVED: 1 of 1



FIRE PROTECTION CONNECTION SHALL BE IN ACCORDANCE WITH FP-001 ON FIRE PROTECTION PLANS

AD-2

NOTES:

1. CUSTOMER SHALL FURNISH & INSTALL VAULT, INCLUDING ALL APPERTENCES EXCEPT AS NOTED BELOW.
2. VAULT CONSTRUCTION MATERIALS SHALL BE 8'x8'x16' CMU, OR PRECAST, OR CAST-IN-PLACE CONCRETE AT CUSTOMER'S SELECTION.
3. INSIDE DIMENSIONS PER DRAWING NOTES. VAULT TO BE SET LENGTHWISE WITH SERVICE.
4. TOP OF VAULT TO BE CONCRETE, AT LEAST 4" THICK WITH REINFORCING SUITABLE FOR ANTICIPATED LOADING. WHEN VAULT IS CONSTRUCTED IN PAVED AREAS, PAVEMENT IS TO BE LEVEL WITH TOP OF VAULT, AND THE TOP REINFORCED AS REQUIRED TO SUPPORT TRAFFIC LOADS (i.e. H-20 WHEEL LOADS). WHEN VAULT IS CONSTRUCTED IN GRASS PLOT, TOP OF VAULT SHALL BE 3" ABOVE FINISHED GRADE.
5. BOTTOM OF VAULT TO BE EITHER A MINIMUM OF 6" OF CRUSHED STONE OR 4" CONCRETE PER FIRE DEPARTMENT'S REQUIREMENT. MINIMUM CLEARANCE OF 12" BELOW BOTTOM OF FIRE SERVICE AND DOMESTIC SERVICE LINES IS REQUIRED.
6. DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE A MODEL APPROVED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, WITH FLANGED OS&Y GATE VALVE ON INLET & OUTLET SIDES. DETECTOR METER IS FURNISHED BY UTILITY AND INSTALLED BY CUSTOMER. STAINLESS STEEL BOLTS ARE REQUIRED.
7. ACCESS HATCH IN TOP OF VAULT SHALL BE 30"x30" ALUMINUM BILCO J-24L, BILCO PCH-2, HALLIDAY W153030 OR EQUAL. ACCESS HATCH SHALL HAVE SAME OR GREATER LOADING CAPACITY AS VAULT LID. PIPE HATCH FRAME DRAIN TO VAULT FLOOR OR SUMP, AS APPLICABLE. IF THE LOCAL FIRE DEPARTMENT REQUIRES A SUMP PUMP IN THE VAULT, ELECTRICAL DISCONNECT IS REQUIRED ON TOP OF VAULT, INSTALLED ABOVE GRADE, PER LOCAL ELECTRICAL CODE.
8. A COMBINATION VAULT CAN BE USED ONLY IF METER IS LARGER THAN 2".
   a. METERS TO BE LOCATED A MAXIMUM 18" FROM HINGE SIDE OF HATCH.
   b. A 2" TEST PLUG SHALL BE INSTALLED AT LEAST 2 PIPE DIAMETERS DOWNSTREAM OF 3" OR LARGER METERS.
9. AS DIRECTED BY LOCAL OPERATIONS, ADDITIONAL PIPE SUPPORTS MAY BE REQUIRED.
10. THE LID AND RING THAT WILL BE REQUIRED IS FORD A53-TT OR FORD A53-T. THE A53-TT WILL BE USED FOR ALL VAULTS WITH THE DOMESTIC METER INSIDE. THE A53-T WITH BE USED FOR ALL VAULTS WITH THE DCDA ONLY LOCATED INSIDE THE VAULT.

LEGEND

A	NOT USED	F	FIRE LINE	K	DOMESTIC SERVICE METER (SEE NOTE 8)	P	SUMP PUMP LID
B	NOT USED	G	DOMESTIC SERVICE (SEE NOTE 8)	L	FLANGED TEE		
C	NOT USED	H	2" TEST PLUG (SEE NOTE 8)	M	DETECTOR METER (SEE NOTE 8)		
D	DOUBLE CHECK DETECTOR ASSEMBLY	I	TAPPING SLEEVE W/ TAPPING VALVE & BOX (COORDINATE W/ LOCAL UTILITY SUPERINTENDENT/MANAGER)	N	SUMP PIT		
E	FLANGED OS & Y VALVE	J	RJDI GATE VALVE	O	FLANGED OS&Y VALVE WITH PIT TYPE POST INDICATOR		

INDIANA AMERICAN WATER

SCALE: NO SCALE	SHORT SIDE VAULT DETAIL
REVISIONS	STANDARD FOR COMBINED FIRE SERVICE & METER VAULT FOR 3" AND LARGER SINGLE METER CONFIGURATION
DRAWN BY: R.K.B. DATE: 2/2017	CHECKED: A.C.
AUTOCAD FILE: (5-8-14 sign bar for 3 tier by 4th)	APPROVED: 1 of 1

SPECIFICATIONS

Notes:
1. 4" FPT inlet/outlet with 4" plain end fittings
2. Unit weight - w/cast iron covers: 824 lbs. (for wet weight add 8,413 lbs.)
3. Maximum operating temperature: 150º F continuous
4. Capacities - Liquid: 1,000 gal.; Grease: 5,495 lbs. (753 gal.) @100GPM Grease: 4,959 lbs (679 gal.) @200GPM Solids: 211 gal.
5. Satisfies Miami DERM 99% efficiency requirements; retaining the following capacities at 99.0% efficiency: 5,272 lbs. (722 gal.) @100GPM 3,127 lbs. (428 gal.) @200GPM
6. For gravity drainage applications only.
7. Do not use for pressure applications.
8. Cover placement allows full access to tank for proper maintenance.
9. Vent not required unless per local code.
10. Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping. For series installations, the top of the inlet diffuser on the first unit in the series must be sealed.
11. Integral air relief / Anti-siphon / Sampling access.
12. Adjustable cover adapters provide up to 4" of additional height.
13. Flow rates are based on 2-minute drain time.
14. Designed for both below and above-grade installations.
15. Safety Star®, access restrictor built into each cover adapter, prevents accidental entry to tanks (450 lb rating).

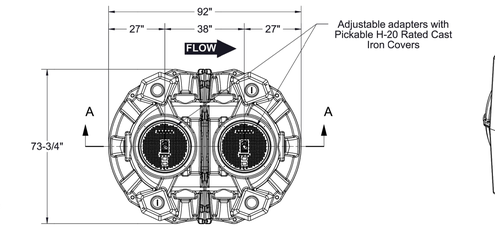
ENGINEER SPECIFICATION GUIDE

Schier Great Basin™ grease interceptor model # GB-1000 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 7/16" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter and Safety Star® access restrictor built into each cover adapter. Interceptor shall be certified to ASME A112.14.3 (Type D) and CSA B481.1. Interceptor flow rate shall be 100 GPM or 200GPM. Interceptor grease capacity shall be 5,495 lbs. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

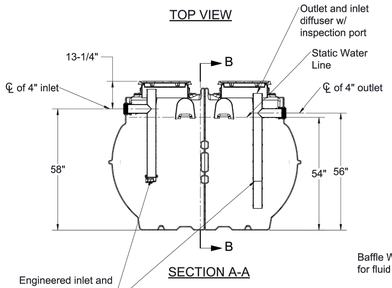
CERTIFIED PERFORMANCE

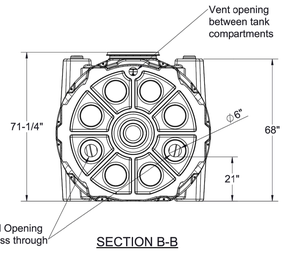
Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME #A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

Type D certification does not require a flow control



ISOMETRIC VIEW





MIAMI-DADE COUNTY Satisfies Miami DERM 99% efficiency requirements. Product labels are permanently attached to inside and outside of unit for easy viewing.

SPECIFICATION SHEET

MODEL NUMBER: GB-1000	**PART NUMBER:** 4080-004-01			
	DESCRIPTION: GB-1000 GREASE INTERCEPTOR 100 GPM/ 200 GPM 4" INLET/OUTLET, H-20 RATED CAST IRON COVER			
	DWG BY: C.SINCLAIR	**DATE:** 10/18/2021	**REV:** 01	**ECO:** 101821

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHIER PRODUCTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SCHIER PRODUCTS IS PROHIBITED.

UPC ® UPC C ®

SCHIER
6455 Woodland Dr
Shawnee, KS 66218
Tel: 913-951-3300
Fax: 913-951-3399
schierproducts.com

AD-2

AD-2 REVISIONS:
1. GB-1000 GREASE INTERCEPTOR, OR APPROVED EQUAL, SHALL BE INSTALLED.
2. NOTE TO REFERENCE FIRE PROTECTION PLANS REGARDING FIRE PROTECTION CONNECTION.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana, 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email Info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-558
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINALIN REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2

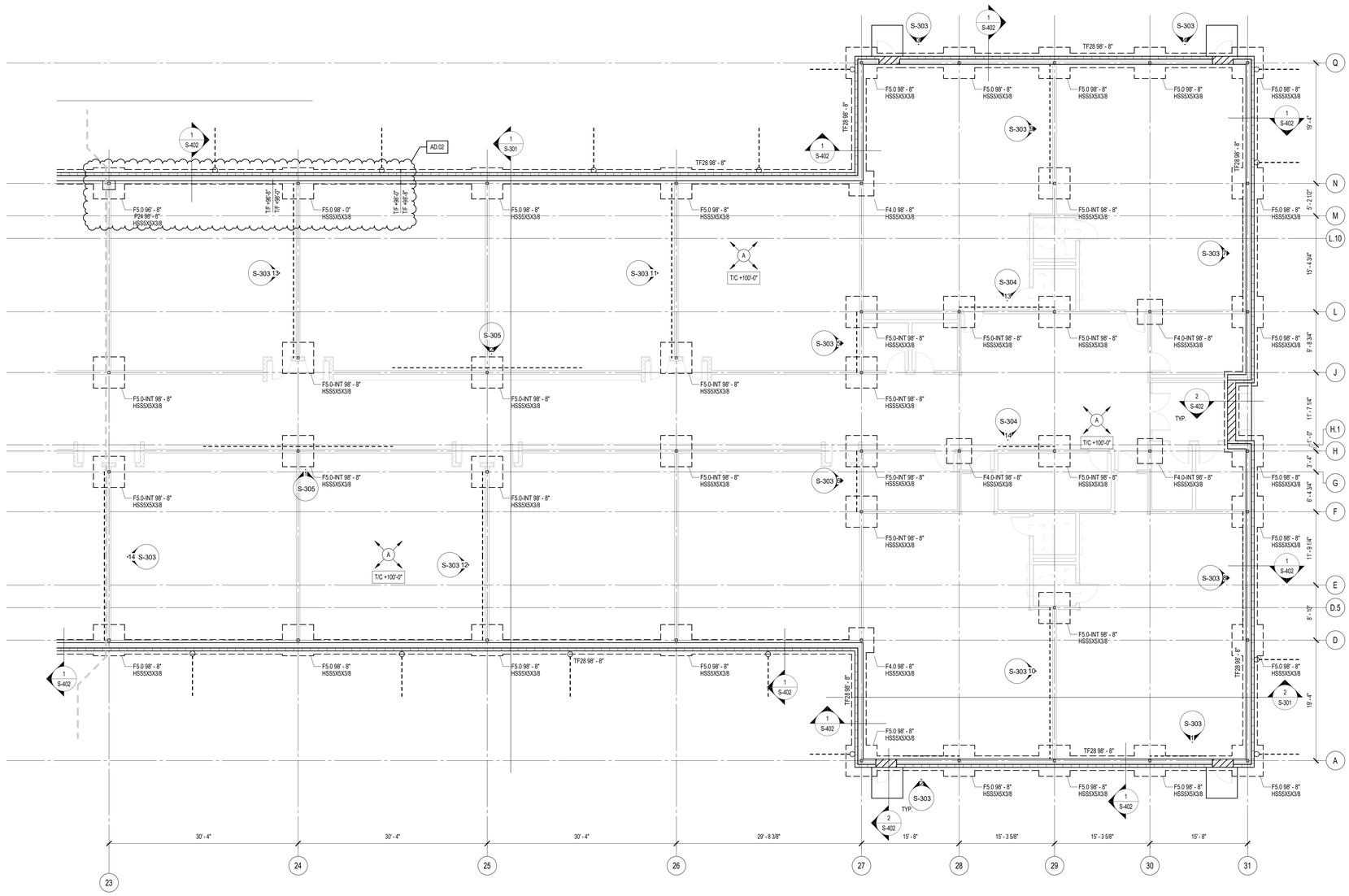
DRAWING DETAILS

PROJECT NEW YOST ELEMENTARY SCHOOL

GIBRALTAR DESIGN

SHEET C-25

Wednesday, 4/20/2022 - 2:14 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0415 YOST ELEMENTARY_REV02.DWG



1 FOUNDATION PLAN - UNIT A
1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. REF. S-001/2 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 100'-0". REFER TO THE CIVIL DWGS. FOR EXACT U.S.G.S. ELEVATION.
5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.
7. PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.
8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS.
9. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
10. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
11. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
12. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL WITH A NET ALLOWABLE BEARING CAPACITY OF 2,500 PSF. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAIL ON SHEET S-401.
13. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE SHEET S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

PLAN LEGEND:

F.F. — DENOTES FINISH FLOOR

T/'X' — DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.

B/'X' — DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.

C.J. — DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT

WF30 -20'-0" — DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)

TF30 -20'-0" — DENOTES TRENCH FOOTING MARK & TOP OF FOOTING ELEVATION (SEE TRENCH FOOTING SCHEDULE)

T/F +99'-8" / T/F +99'-4" — DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401

F5.0 +96'-8" / P24 +98'-8" / HSS6x6x3/8 — DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) / DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.) / DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS) / COLUMN FOOTING / CONCRETE PIER / STEEL COLUMN

DENOTES BRACED FRAME LOCATION. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.

DENOTES INTERIOR CONC. BLOCK WALL ON THICKENED SLAB PER 4/S-401. COORDINATE LOCATIONS w/ ARCH. DRAWINGS, TYP.

DENOTES PIPE PENTRATION THROUGH EXTERIOR WALL. COORDINATE w/ PLUMBING DRAWINGS (TO BE ISSUED AT A LATER DATE) FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.

DENOTES APPROXIMATE LOCATION OF DOWNSPOUT. TOP OF FOOTING MAY BE NOTCHED (MAX. 1/4 DEPTH) AS REQUIRED TO ACCOMMODATE BOOT CONNECTION TO UNDERGROUND PIPE. PROVIDE (1) #5 x'-0" LONG BAR AT INSIDE OF NOTCH, TYP. COORDINATE FINAL LOCATION AND QUANTITIES WITH THE APPROPRIATE TRADE.

A / F.F. = SEE PLAN — DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF :
ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT &
ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.).

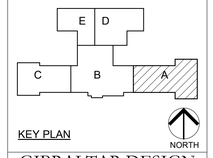
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

LHB
Lynch, Hendricks & Buchanan, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 3/31/2022
COORDINATED BY SAC
DRAWN BY Author
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY OTHER PROJECT WITHOUT THE EXPRESS PERMISSION OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD.02	4/21/22	ADDENDUM 2

DRAWING
FOUNDATION PLAN - UNIT A

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

A

SHEET
S-201A

4/20/2022 4:49:37 PM
E:\Projects\Revit 2019\Yost Elem_LHB-V19_Central_sclore@lhb-eng.com.rvt

FOUNDATION PLAN KEYED NOTES

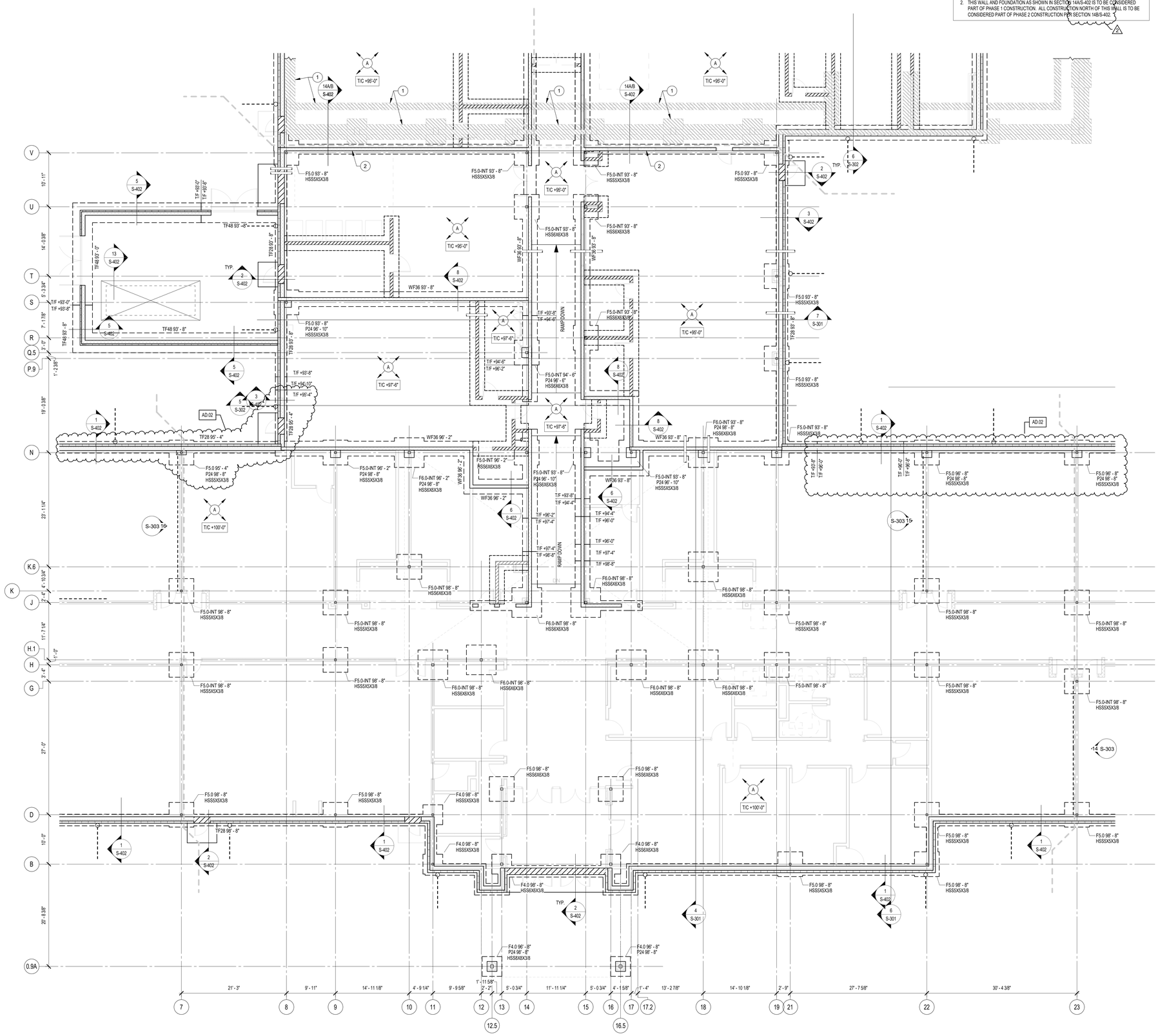
1. EXISTING FOOTING AND FOUNDATION WALL TO REMAIN AS PART OF PHASE 1. FIELD VERIFY EXTENTS.
2. THIS WALL AND FOUNDATION AS SHOWN IN SECTION 14A/S-402 IS TO BE CONSIDERED PART OF PHASE 1 CONSTRUCTION. ALL CONSTRUCTION NORTH OF THIS WALL IS TO BE CONSIDERED PART OF PHASE 2 CONSTRUCTION PER SECTION 14B/S-402.

FOUNDATION PLAN NOTES

1. REF. S-001/2 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 100'-0". REFER TO THE CIVIL DWGS. FOR EXACT U.S.G.S. ELEVATION.
5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.
7. PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.
8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS.
9. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
10. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
11. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
12. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL WITH A NET ALLOWABLE BEARING CAPACITY OF 2,500 PSF. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAIL ON SHEET S-401.
13. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE SHEET S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

PLAN LEGEND:

- F.F. — DENOTES FINISH FLOOR
- T/'X' — DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
- B/'X' — DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
- C.J. — DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
- WF30 -20'-0" — DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)
- TF30 -20'-0" — DENOTES TRENCH FOOTING MARK & TOP OF FOOTING ELEVATION (SEE TRENCH FOOTING SCHEDULE)
- DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401
- T/F -99'-5" / T/F -97'-4" / T/F -95'-8" / T/F -95'-4" — DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS)
- F5.0 +96'-8" / P24 +98'-8" / HSS6x6x3/8 — DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) / DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.) — COLUMN FOOTING, CONCRETE PIER, STEEL COLUMN
- DENOTES BRACED FRAME LOCATION. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
- DENOTES INTERIOR CONC. BLOCK WALL ON THICKENED SLAB PER 4/S-401. COORDINATE LOCATIONS w/ ARCH. DRAWINGS, TYP.
- DENOTES PIPE PENETRATION THROUGH EXTERIOR WALL. COORDINATE w/ PLUMBING DRAWINGS (TO BE ISSUED AT A LATER DATE) FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.
- DENOTES APPROXIMATE LOCATION OF DOWNSPOUT. TOP OF FOOTING MAY BE NOTCHED (MAX. 1/4 DEPTH) AS REQUIRED TO ACCOMMODATE BOOT CONNECTION TO UNDERGROUND PIPE. PROVIDE (1) #5 x'-0" LONG BAR AT INSIDE OF NOTCH, TYP. COORDINATE FINAL LOCATION AND QUANTITIES WITH THE APPROPRIATE TRADE.
- A / F.F. = SEE PLAN — DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF : ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.).



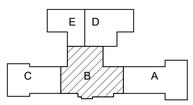
1 FOUNDATION PLAN - UNIT B
1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN
LHB Lynch, Hendricks & Buckingham, PC

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
3/31/2022
COORDINATED BY
SAC
DRAWN BY
SAC
CHECKED BY
SAC

SCOTT A. CLORE — REGISTERED — PE10606154 — STATE OF INDIANA — PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. THEY SHALL NOT BE USED BY ANY PERSON FOR ANY OTHER PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD.02	4/21/22	ADDENDUM 2

DRAWING
FOUNDATION PLAN - UNIT B

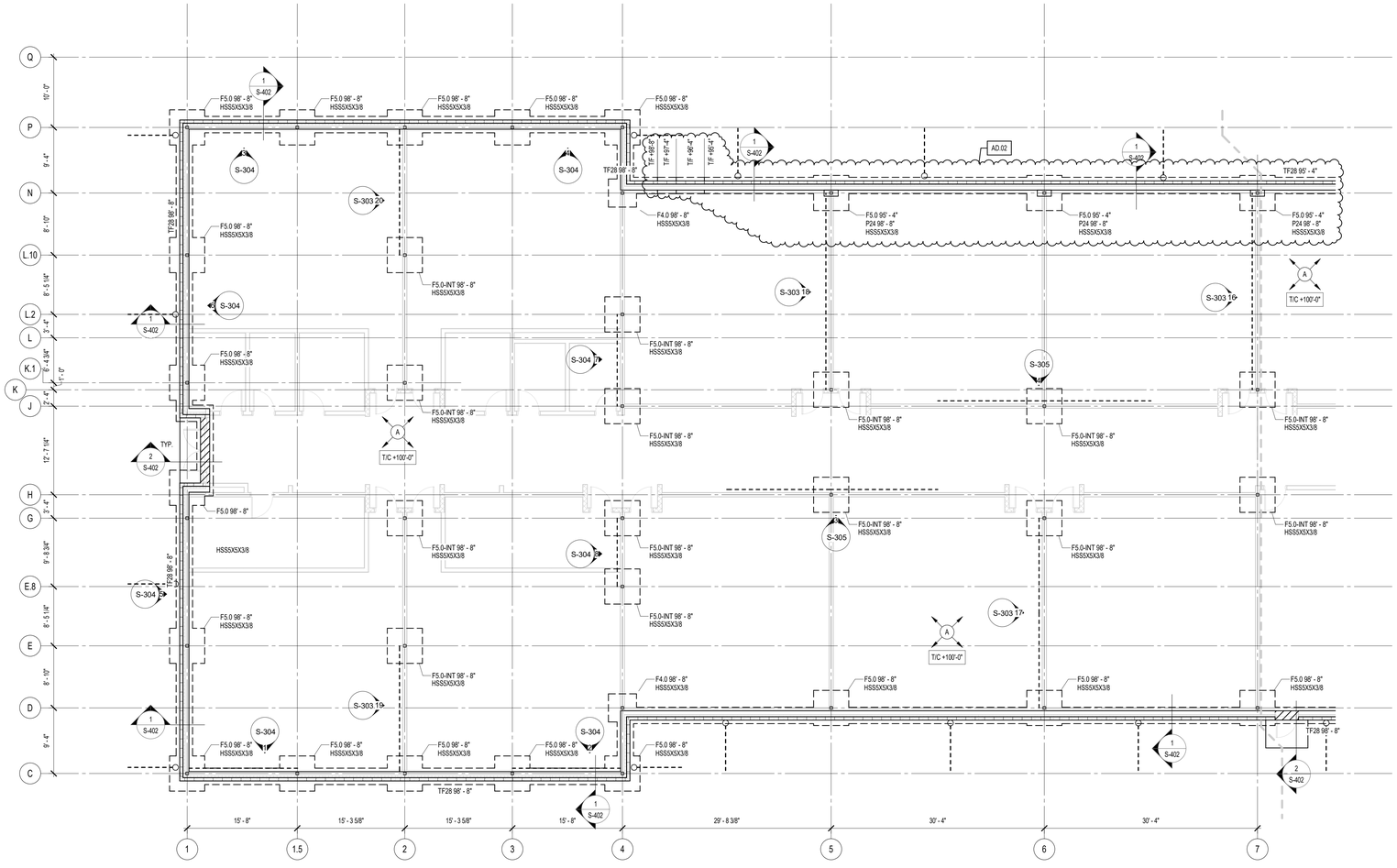
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

B

SHEET
S-201B

4/20/2022 4:49:41 PM
E:\Projects\Revit 2019\Yost Elem_LHB-V19_Central_sclore@lhb-eng.com.rvt



1 FOUNDATION PLAN - UNIT C
1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. REF. S-001/2 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 100'-0". REFER TO THE CIVIL DWGS. FOR EXACT U.S.G.S. ELEVATION.
5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.
7. PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.
8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS.
9. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
10. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
11. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
12. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL WITH A NET ALLOWABLE BEARING CAPACITY OF 2,500 PSF. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAIL ON SHEET S-401.
13. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE SHEET S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS. EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

PLAN LEGEND:

F.F.	DENOTES FINISH FLOOR
T/'X'	DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
B/'X'	DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
C.J.	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF30 -20'-0"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)
TF30 -20'-0"	DENOTES TRENCH FOOTING MARK & TOP OF FOOTING ELEVATION (SEE TRENCH FOOTING SCHEDULE)
TF -95'-8" TF -97'-4" TF -96'-4" TF -94'-4"	DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401
F5.0 +96'-8" P24 +96'-8" HSS8x8x3/8	DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.)
DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS)	COLUMN FOOTING CONCRETE PIER STEEL COLUMN
	DENOTES BRACED FRAME LOCATION. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
	DENOTES INTERIOR CONC. BLOCK WALL ON THICKENED SLAB PER 4/S-401. COORDINATE LOCATIONS w/ ARCH. DRAWINGS, TYP.
	DENOTES PIPE PENTRATION THROUGH EXTERIOR WALL. COORDINATE w/ PLUMBING DRAWINGS (TO BE ISSUED AT A LATER DATE) FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.
	DENOTES APPROXIMATE LOCATION OF DOWNSPOUT. TOP OF FOOTING MAY BE NOTCHED (MAX. 1/4 DEPTH) AS REQUIRED TO ACCOMMODATE BOOT CONNECTION TO UNDERGROUND PIPE. PROVIDE (1) #5 x'6-0" LONG BAR AT INSIDE OF NOTCH, TYP. COORDINATE FINAL LOCATION AND QUANTITIES WITH THE APPROPRIATE TRADE.
A F.F. = SEE PLAN	DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF : ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.).

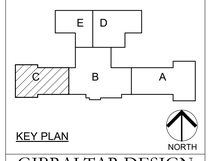
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

LHB
Lynch, Hendricks & Buchanan, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
3/31/2022
COORDINATED BY
Designer
DRAWN BY
Author
CHECKED BY
Checker

SCOTT A. CLORE — PE10606154 — STATE OF INDIANA — PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD.02	4/21/22	ADDENDUM 2

DRAWING
FOUNDATION PLAN - UNIT C

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C
S-201C

4/20/2022 4:49:43 PM
E:\Projects\Revit 2019\Yost Elem_LHB-V19_Central_sclore@lhb-eng.com.rvt

FOUNDATION PLAN KEYED NOTES

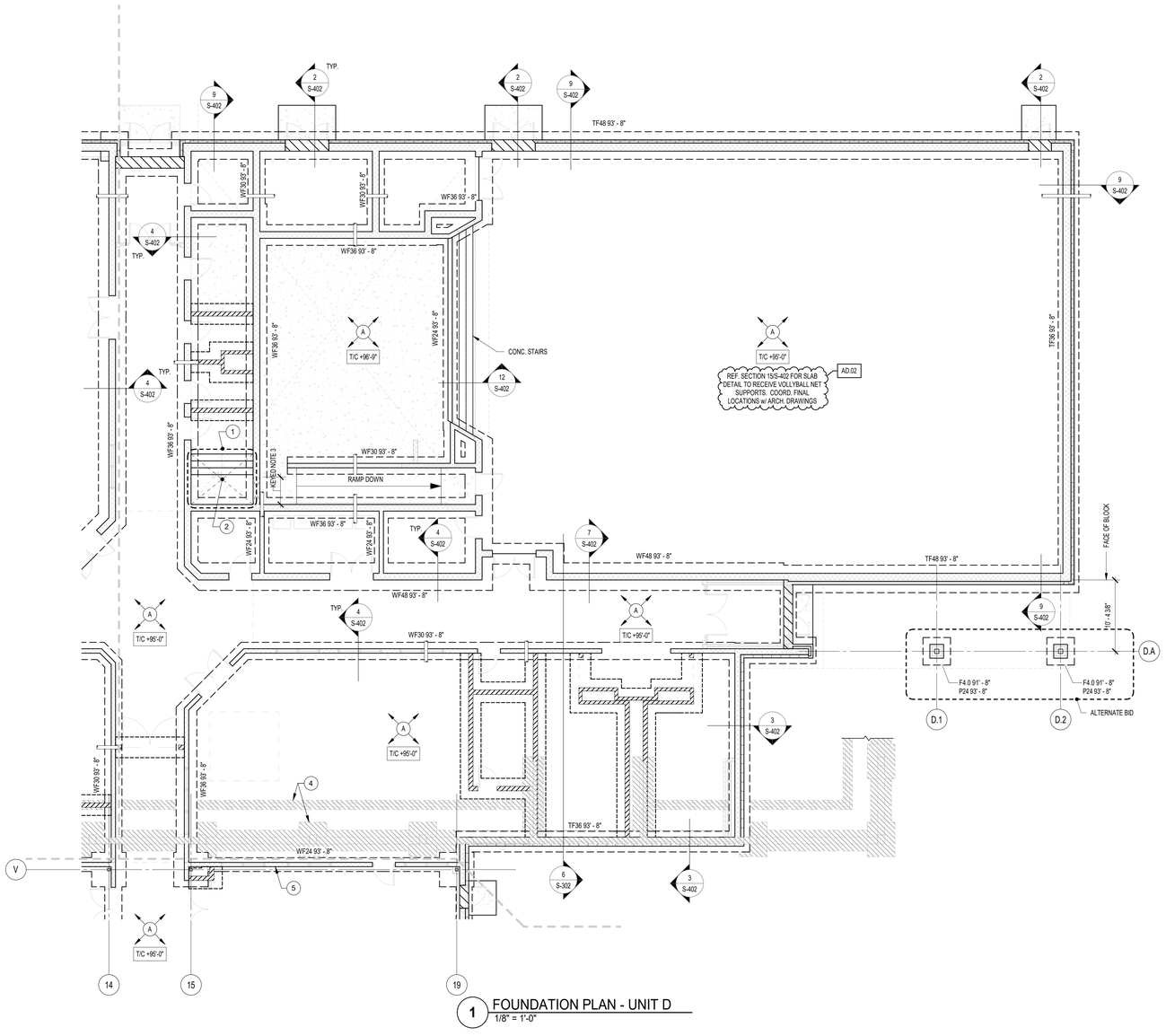
1. ALTERNATE BID: TOP OF SLAB = +96'-9" TO MATCH PLATFORM. PROVIDE CONCRETE STEPS PER DETAIL X/S-401 DOWN TO +95'-0" AS INDICATED.
2. BASE BID: TOP OF SLAB ELEVATION IN THIS AREA =+95'-0" MATCHING CORRIDOR.
3. ALTERNATE BID: DELETE WALL IN THIS AREA FOR ACCES TO STEPS INDICATED IN NOTE 1 ABOVE.
4. EXISTING FOOTING AND FOUNDATION WALL TO REMAIN AS PART OF PHASE 1. FIELD VERIFY EXTENTS.
5. THIS WALL AND FOUNDATION AS SHOWN IN SECTION 14A IS TO BE CONSIDERED PART OF PHASE 1 CONSTRUCTION. ALL CONSTRUCTION NORTH OF THIS WALL IS TO BE CONSIDERED PART OF PHASE 2 CONSTRUCTION PER SECTION 14B.

FOUNDATION PLAN NOTES

1. REF. S-001/2 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 100'-0". REFER TO THE CIVIL DWGS. FOR EXACT U.S.G.S. ELEVATION.
5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.
7. PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.
8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS.
9. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
10. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
11. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
12. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL WITH A NET ALLOWABLE BEARING CAPACITY OF 2,500 PSF. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAIL ON SHEET S-401.
13. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE SHEET S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

PLAN LEGEND:

F.F.	DENOTES FINISH FLOOR
T/'X'	DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
B/'X'	DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
C.J.	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF30 -20'-0"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)
TF30 -20'-0"	DENOTES TRENCH FOOTING MARK & TOP OF FOOTING ELEVATION (SEE TRENCH FOOTING SCHEDULE)
	DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401
	DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.)
	DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.)
	DENOTES BRACED FRAME LOCATION. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
	DENOTES INTERIOR CONC. BLOCK WALL ON THICKENED SLAB PER 4/S-401. COORDINATE LOCATIONS w/ ARCH. DRAWINGS, TYP.
	DENOTES PIPE PENTRATION THROUGH EXTERIOR WALL. COORDINATE w/ PLUMBING DRAWINGS (TO BE ISSUED AT A LATER DATE) FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.
	DENOTES APPROXIMATE LOCATION OF DOWNSPOUT. TOP OF FOOTING MAY BE NOTCHED (MAX. 1/4 DEPTH) AS REQUIRED TO ACCOMMODATE BOOT CONNECTION TO UNDERGROUND PIPE. PROVIDE (1) #5 x'-0" LONG BAR AT INSIDE OF NOTCH, TYP. COORDINATE FINAL LOCATION AND QUANTITIES WITH THE APPROPRIATE TRADE.
	DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF : ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.).



1 FOUNDATION PLAN - UNIT D
1/8" = 1'-0"

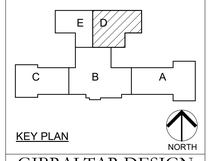
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

LHB
Lynch, Hendricks & Buchanan, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
3/31/2022
COORDINATED BY
SAC
DRAWN BY
SAC
CHECKED BY
SAC

SCOTT A. CLORE
PE10606154
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD.02	4/21/22	ADDENDUM 2

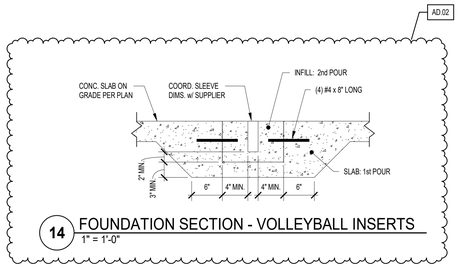
DRAWING
FOUNDATION PLAN - UNIT D

PROJECT
NEW YOST ELEMENTARY SCHOOL

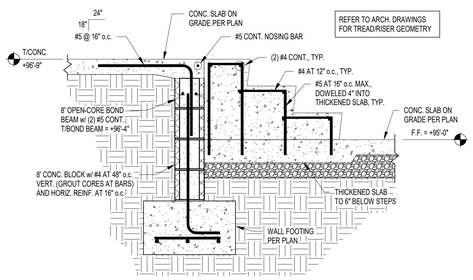
© GIBRALTAR DESIGN

SHEET
S-201D

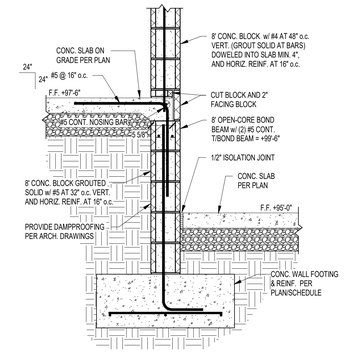
4/20/2022 3:16:04 PM
E:\Projects\Revit 2019\Yost Elem_LHB-V19_Central_sclore@lhb-eng.com.rvt



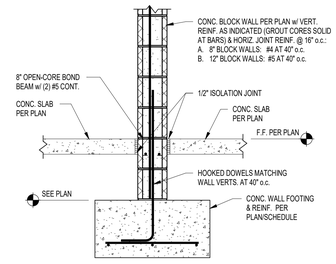
14 FOUNDATION SECTION - VOLLEYBALL INSERTS
1" = 1'-0"



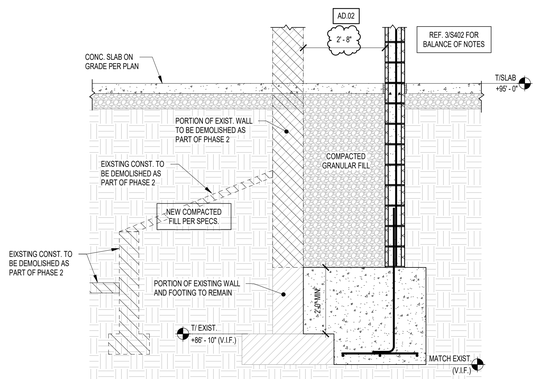
12 FOUNDATION SECTION
3/4" = 1'-0"



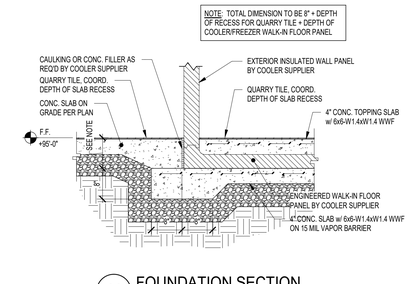
8 FOUNDATION SECTION
3/4" = 1'-0"



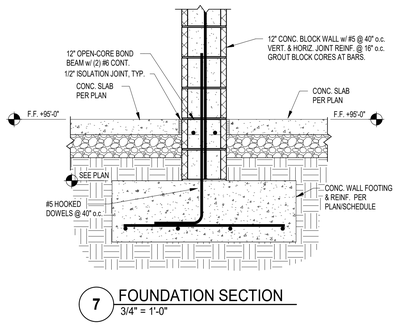
4 FOUNDATION SECTION
3/4" = 1'-0"



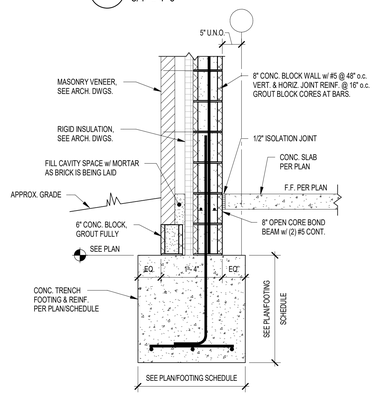
14B FOUNDATION SECTION - PHASE 2
1/2" = 1'-0"



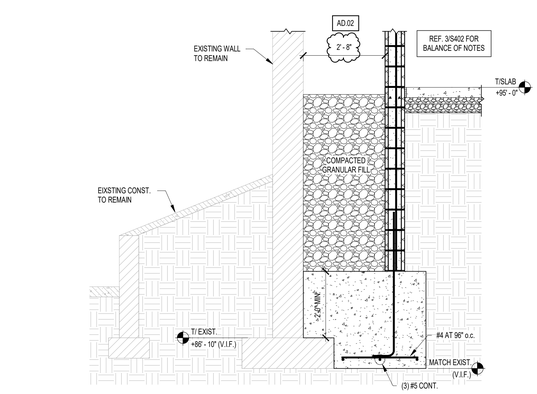
11 FOUNDATION SECTION
3/4" = 1'-0"



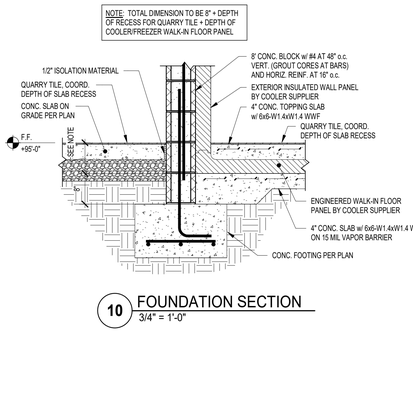
7 FOUNDATION SECTION
3/4" = 1'-0"



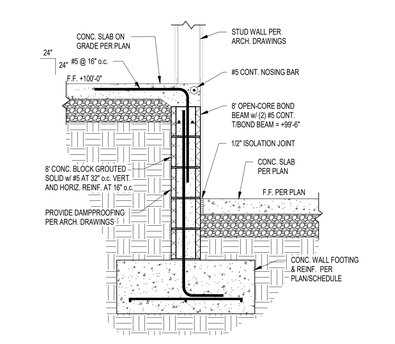
3 FOUNDATION SECTION
3/4" = 1'-0"



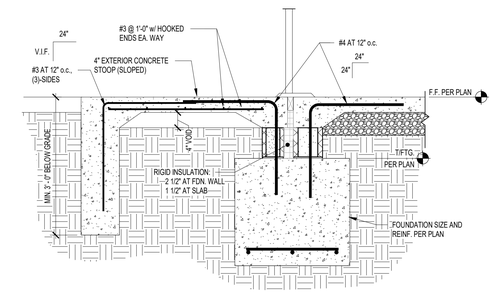
14A FOUNDATION SECTION - PHASE 1
1/2" = 1'-0"



10 FOUNDATION SECTION
3/4" = 1'-0"

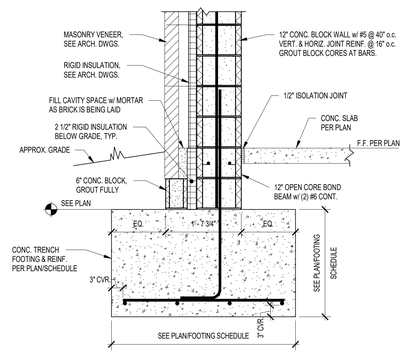


6 FOUNDATION SECTION
3/4" = 1'-0"

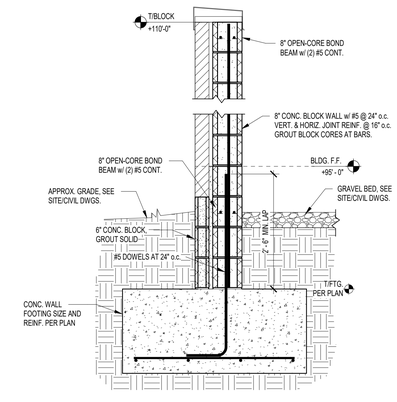


2 FOUNDATION SECTION - TYP. VOID SLAB
3/4" = 1'-0"

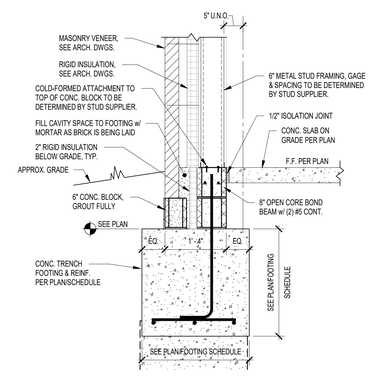
13 FOUNDATION SECTION - MECH. EQUIP. PAD
1" = 1'-0"



9 FOUNDATION SECTION
3/4" = 1'-0"



5 FOUNDATION SECTION
3/4" = 1'-0"



1 FOUNDATION SECTION
3/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN
LHB Urwick, Henderson & Mackaness Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 3/31/2022
COORDINATED BY SAC
DRAWN BY SAC
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD.02	4/21/22	ADDENDUM 2

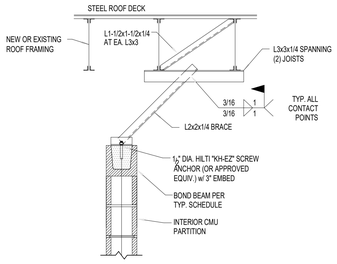
DRAWING
FOUNDATION SECTIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

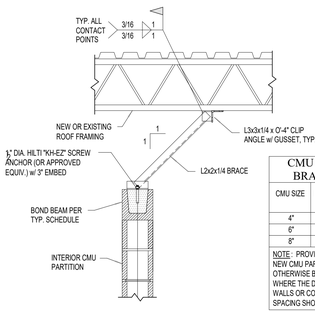
© GIBRALTAR DESIGN

SHEET
S-402

4/20/2022 3:16:06 PM
E:\Projects\Revit 2019\Yost Elem_LHB-V19_Central_sclore@lhb-eng.com.rvt



WALL PARALLEL TO ROOF FRAMING

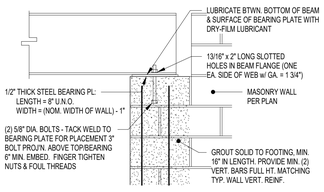


WALL PERP. TO ROOF FRAMING

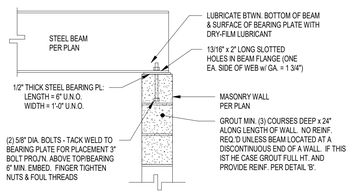
CMU PARTITION WALL BRACING SCHEDULE		
CMU SIZE	INTERSECTING WALL MAX. SPACING	MAX. BRACE SPACING
4"	10'-0"	4'-0"
6"	15'-4"	6'-0"
8"	18'-0"	6'-0"

NOTE: PROVIDE BRACING AS SHOWN FOR ALL NEW CMU PARTITION WALLS (WHICH ARE NOT OTHERWISE BRACED AT TOP) AT ALL LOCATIONS WHERE THE DISTANCE BETWEEN INTERSECTING WALLS OR CORNERS EXCEEDS THE MAXIMUM SPACING SHOWN IN THE SCHEDULE.

14 CMU PARTITION WALL BRACING DETAIL
NOT TO SCALE

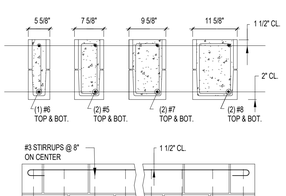


DETAIL B: BEAM PARALLEL TO WALL

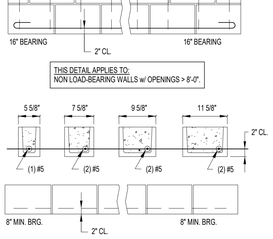


DETAIL A: BEAM PERPENDICULAR TO WALL

13 BEAM BEARING PLATE DETAILS
NOT TO SCALE



THIS DETAIL APPLIES TO:
NON LOAD-BEARING WALLS w/ OPENINGS > 8'-0".

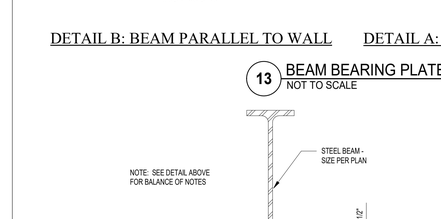


THIS DETAIL APPLIES TO:
NON LOAD-BEARING WALLS w/ OPENINGS UP TO 8'-0".

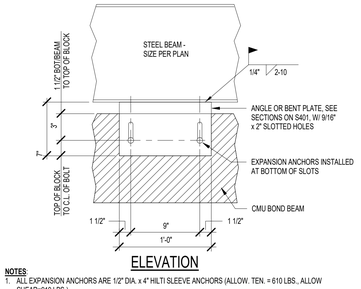
CMU LINTEL NOTES:

1. FILL IS 2,500 PSI (MINIMUM) GROUT.
2. PROVIDE 1" BRG. PER FOOT OF SPAN WITH 8" MIN.
3. LINTELS SHALL BEAR ON SOLIDLY GROUTED CMU
4. THIS SCHEDULE DOES NOT APPLY TO LOAD BEARING WALLS, UNLESS NOTED OTHERWISE
5. BOND PATTERN OF LINTEL TO BE RUNNING BOND, U.N.O.
6. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED
7. CONTRACTOR TO PROVIDE TEMPORARY SHORING UNTIL MASONRY HAS PROPERLY SET (3 DAY MINIMUM).
8. PRECAST LINTELS MAY NOT BE SUBSTITUTED FOR BOND BEAM LINTELS WHERE EXPOSED IN THE FINISHED STRUCTURE.

10 LINTEL BEARING DETAILS
NOT TO SCALE



SECTION



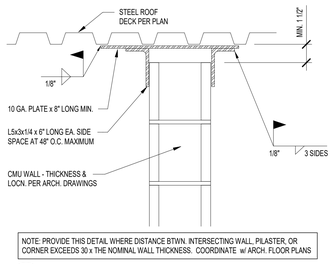
ELEVATION

NOTES:

1. ALL EXPANSION ANCHORS ARE 1/2" DIA. x 4" HILTI SLEEVE ANCHORS (ALLOW. TEN. = 610 LBS., ALLOW SHEAR=910 LBS.).
2. EQUIVALENT SLEEVE ANCHORS MAY BE SUBSTITUTED WITH APPROVAL.
3. TORQUE ANCHOR TO 30 FT.-LB, THEN BACK OFF ONE TURN AND FOUL THREADS, OR DOUBLE NUT.
4. VERTICAL LEG OF ANGLE SHALL BE PAINTED, HORIZONTAL LEG SHALL BE UNPAINTED.
5. ANGLE/PLATE SPACING SHALL BE 48" O.C. U.N.O.
6. VERTICAL LEG OF ANGLE AND PLATE SHALL BUTT TIGHT AGAINST MASONRY.

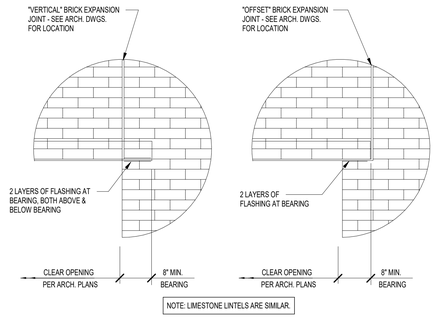
NOTE: PROVIDE THIS DETAIL WHERE DISTANCE BTWN. INTERSECTING WALL, PILASTER, OR CORNER EXCEEDS 30 x THE NOMINAL WALL THICKNESS. COORDINATE w/ ARCH. FLOOR PLANS

12 CMU LATERAL SUPPORT DETAIL (BEAM - ELEV.)
NOT TO SCALE



NOTE: PROVIDE THIS DETAIL WHERE DISTANCE BTWN. INTERSECTING WALL, PILASTER, OR CORNER EXCEEDS 30 x THE NOMINAL WALL THICKNESS. COORDINATE w/ ARCH. FLOOR PLANS

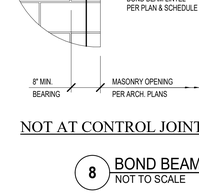
11 CMU LATERAL SUPPORT DETAIL (DECK)
NOT TO SCALE



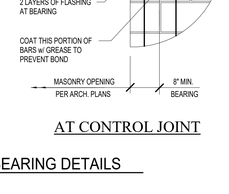
NOTE: LIMESTONE LINTELS ARE SIMILAR.

AT "VERTICAL" BRICK EXPANSION JOINT

AT "OFFSET" BRICK EXPANSION JOINT



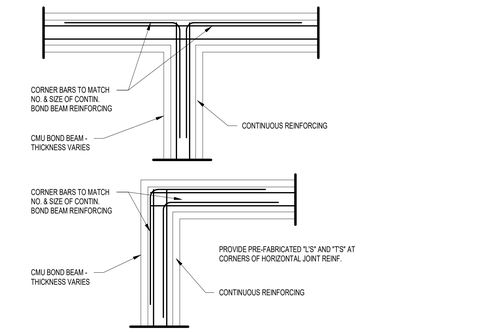
NOT AT CONTROL JOINT



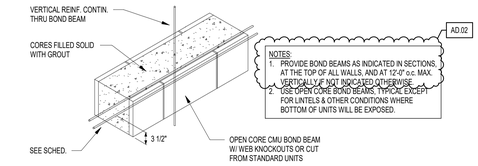
AT CONTROL JOINT

9 CMU LINTEL DETAILS
NOT TO SCALE

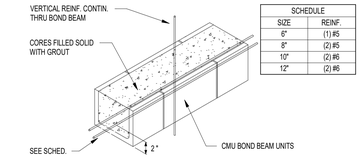
8 BOND BEAM BEARING DETAILS
NOT TO SCALE



7 BOND BEAM INTERSECTION DETAILS
NOT TO SCALE

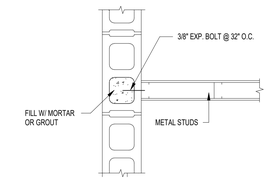


NOTES:
1. PROVIDE BOND BEAMS AS INDICATED IN SECTIONS AT THE TOP OF ALL WALLS, AND AT 12'-0" o.c. MAX. VERTICALLY IF NOT INDICATED OTHERWISE.
2. USE OPEN CORE BOND BEAMS. TYPICAL EXCEPT FOR LINTELS & OTHER CONDITIONS WHERE BOTTOM OF UNITS WILL BE EXPOSED.

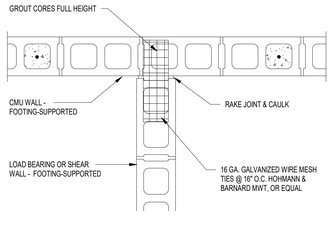


SCHEDULE	
SIZE	REINF.
6"	(1) #5
8"	(2) #5
10"	(2) #6
12"	(2) #6

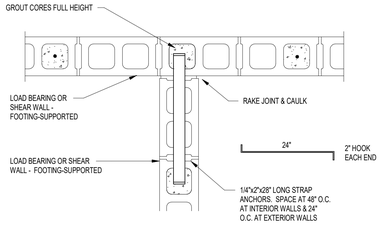
6 CMU BOND BEAM DETAILS
NOT TO SCALE



TYP. AT INTERSECTION BETWEEN CMU AND METAL STUD WALLS

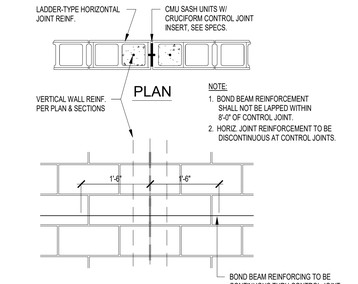


TYP. AT INTERSECTION BETWEEN FOOTING-SUP'TD. AND THICKENED SLAB-SUPPORTED CMU WALLS



TYPICAL AT INTERSECTION BETWEEN FOOTING-SUPPORTED CMU WALLS

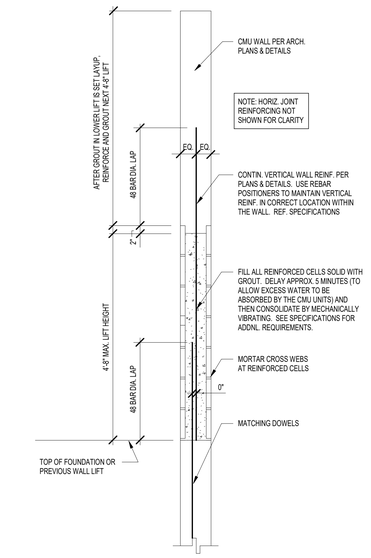
5 WALL INTERSECTION DETAILS
NOT TO SCALE



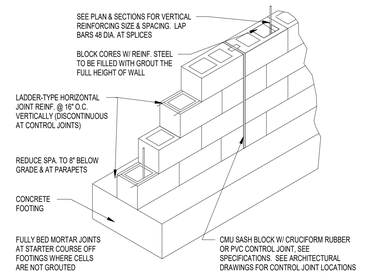
NOTE:
1. BOND BEAM REINFORCEMENT SHALL NOT BE LAPPED WITHIN 8'-0" OF CONTROL JOINT.
2. HORIZ. JOINT REINFORCEMENT TO BE DISCONTINUOUS AT CONTROL JOINTS.

ELEVATION

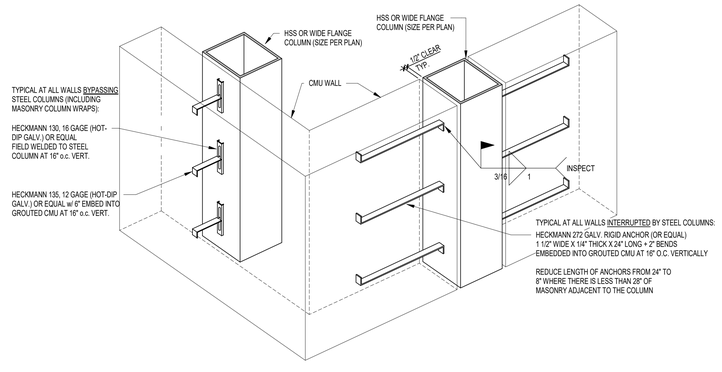
4 CMU CONTROL JOINT DETAIL
NOT TO SCALE



3 LOW-LIFT WALL CONSTRUCTION
NOT TO SCALE



2 REINFORCED MASONRY DETAIL
NOT TO SCALE



1 MASONRY-TO-COLUMN ANCHORAGE DETAILS
NOT TO SCALE

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN
LHB Lynch, Hendricks & Bruckmann, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 3/31/2022
COORDINATED BY SAC
DRAWN BY SAC
CHECKED BY SAC

SCOTT A. CLORE — PE10606154 — STATE OF INDIANA — REGISTERED PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD.02	4/21/22	ADDENDUM 2

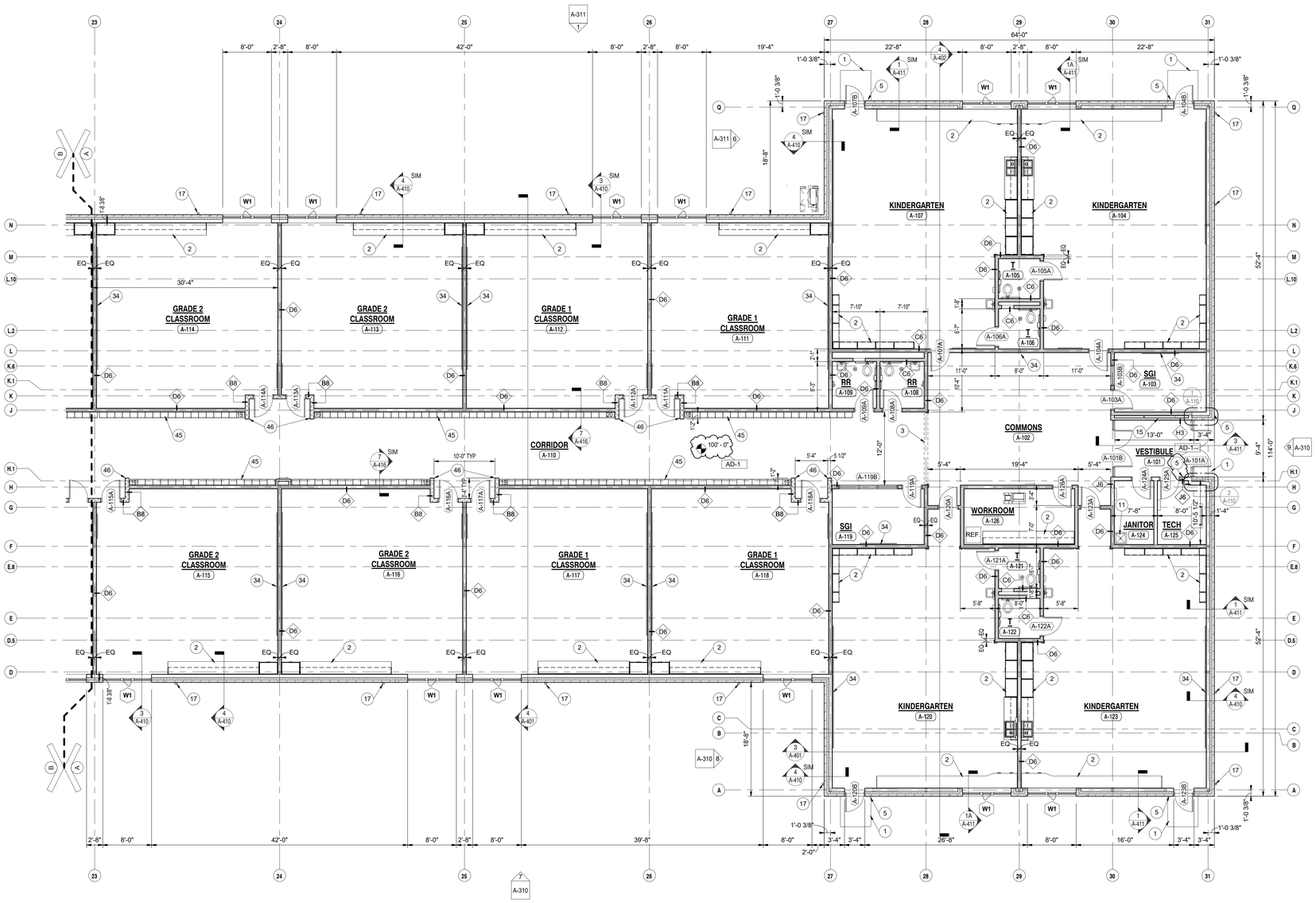
DRAWING
TYPICAL MASONRY DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
S-420

4/20/2022 4:49:46 PM
E:\Projects\Revit 2019\Yost Elem_LHB-V19_Central_sclore@lhb-eng.com.rvt



1 A-101 **UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN**
1/8" = 1'-0"

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS TO NOT HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AD HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

K. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS

WXX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

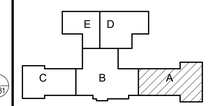
1. CONCRETE STOOP. PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
9. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 36" ABOVE SLOPE OF RAMP AND FLOOR. EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL. — 11 A-431
10. GYM EQUIPMENT (TYPICAL). REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK, REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. — 7 A-211
14. FIRE EXTINGUISHER (WALL MOUNTED). REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER, REFER TO MECHANICAL DRAWINGS. — AD-2
16. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT, REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
19. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. — 9 A-501
21. ROOF BELOW, REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. — 18 A-501, 19 A-501
23. ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE, REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. — 4 A-502
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 100'-8", TOP AT ELEVATION 106'-4"). PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS.
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. — 3 A-610
36. ROLLING COUNTER DOOR. — 4 A-610
37. ROLLING SERVICE DOOR. — 6 A-610
38. RETURN AIR GRILL COVER. — 6 A-502
39. CHASE WALL WITH SOLID SURFACE TOP. — 8 A-502
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION. REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
45. METAL LOCKERS, REFER TO EQUIPMENT PLANS.
46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
47. TRANSITION FROM GFCMU TO PAINTED CMU AT THIS POINT.
48. LAMINATE 5/8" GYPSUM BOARD TO FACE OF FOUNDATION WALL.
49. ALTERNATE: STAIRS, HANDRAILS, WALL OPENING. BASE BID: CONCRETE SLAB, ROOM D-105A STORAGE.
50. CUBICLE CURTAIN. — 13 A-501
51. CYCLORAMA CURTAIN. — 13 A-501
52. LAMINATE TEMPORARY INSULATION AS PART OF PHASE 1 ALONG THIS WALL FROM FINISH FLOOR TO ROOF DECK. REMOVE AND REPLACE WITH GYPSUM BOARD FROM FINISH FLOOR TO 4" ABOVE CEILING IN PHASE 2.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

DANIEL L. ROESSLER REGISTERED NO. AR11600005 STATE OF INDIANA

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE USED IN WHOLE OR IN PART ON THIS PROJECT OR ANY OTHER WITHOUT THE DIRECT PERMISSION OF THE PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

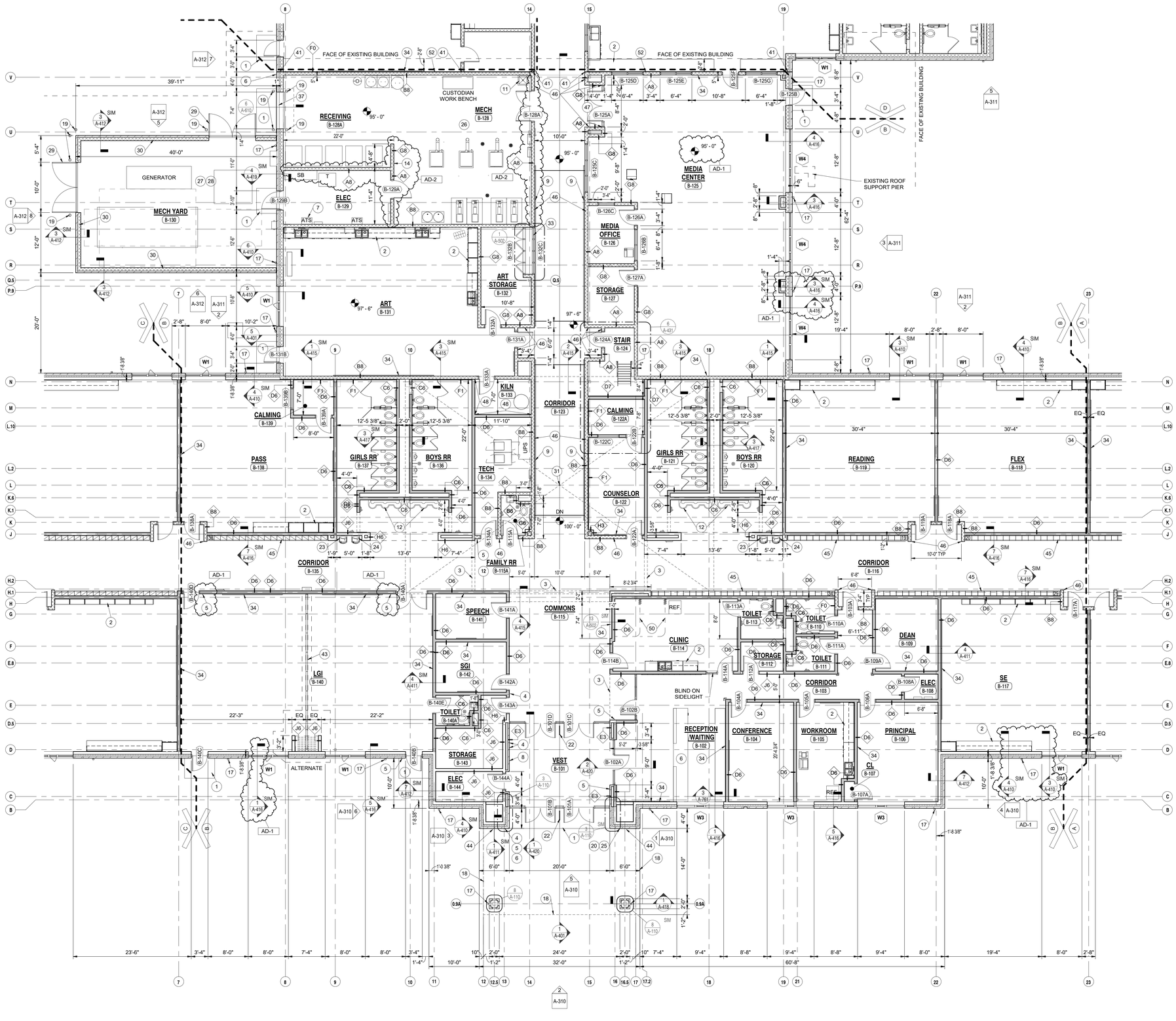
DRAWING
UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET A-101

4/21/2022 12:02:36 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



1 A-102 UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

1/8" = 1'-0"

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS TO NOT HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AD HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

K. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS

WX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

1. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
9. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 36" ABOVE SLOPE OF RAMP AND FLOOR. EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL. — 11 A-431
10. GYM EQUIPMENT (TYPICAL). REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK, REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. — 7 A-211
14. FIRE EXTINGUISHER (WALL MOUNTED). REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER, REFER TO MECHANICAL DRAWINGS. — AD-2
16. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT, REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
19. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. — 9 A-501
21. ROOF BELOW, REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. — 18 A-501, 19 A-501
23. ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE, REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. — 4 A-502
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 100'-8", TOP AT ELEVATION 106'-4"), PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS.
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. — 3 A-610
36. ROLLING COUNTER DOOR. — 1 A-610, 6 A-610
37. ROLLING SERVICE DOOR. — 6 A-610
38. RETURN AIR GRILL COVER. — 6 A-502, 8 A-502
39. CHASE WALL WITH SOLID SURFACE TOP.
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION, REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
45. METAL LOCKERS, REFER TO EQUIPMENT PLANS.
46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
47. TRANSITION FROM GFCMU TO PAINTED CMU AT THIS POINT.
48. LAMINATE 5/8" GYPSUM BOARD TO FACE OF FOUNDATION WALL
49. ALTERNATE: STAIRS, HANDRAILS, WALL OPENING. BASE BID: CONCRETE SLAB, ROOM D-105A STORAGE.
50. CUBICLE CURTAIN. — 13 A-501
51. CYCLORAMA CURTAIN. — 13 A-501
52. LAMINATE TEMPORARY INSULATION AS PART OF PHASE 1 ALONG THIS WALL FROM FINISH FLOOR TO ROOF DECK. REMOVE AND REPLACE WITH GYPSUM BOARD FROM FINISH FLOOR TO 4" ABOVE CEILING IN PHASE 2.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE PROTECTED BY COPYRIGHT LAW AS AN ARCHITECTURAL WORK. ALL OF THE INFORMATION SHALL NOT BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

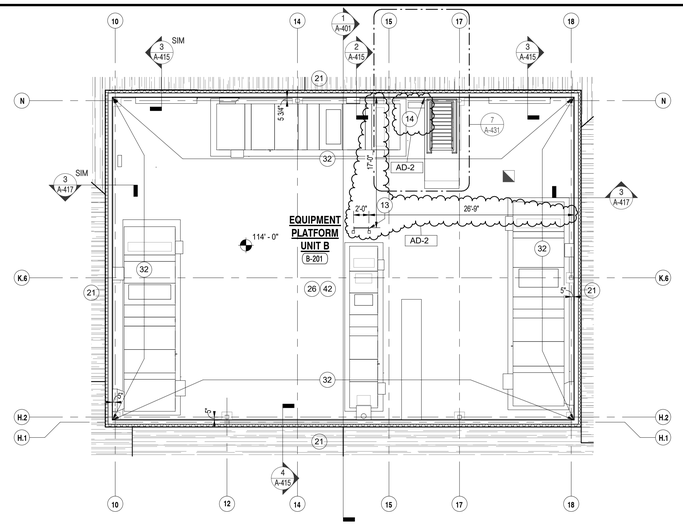
DRAWING
UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

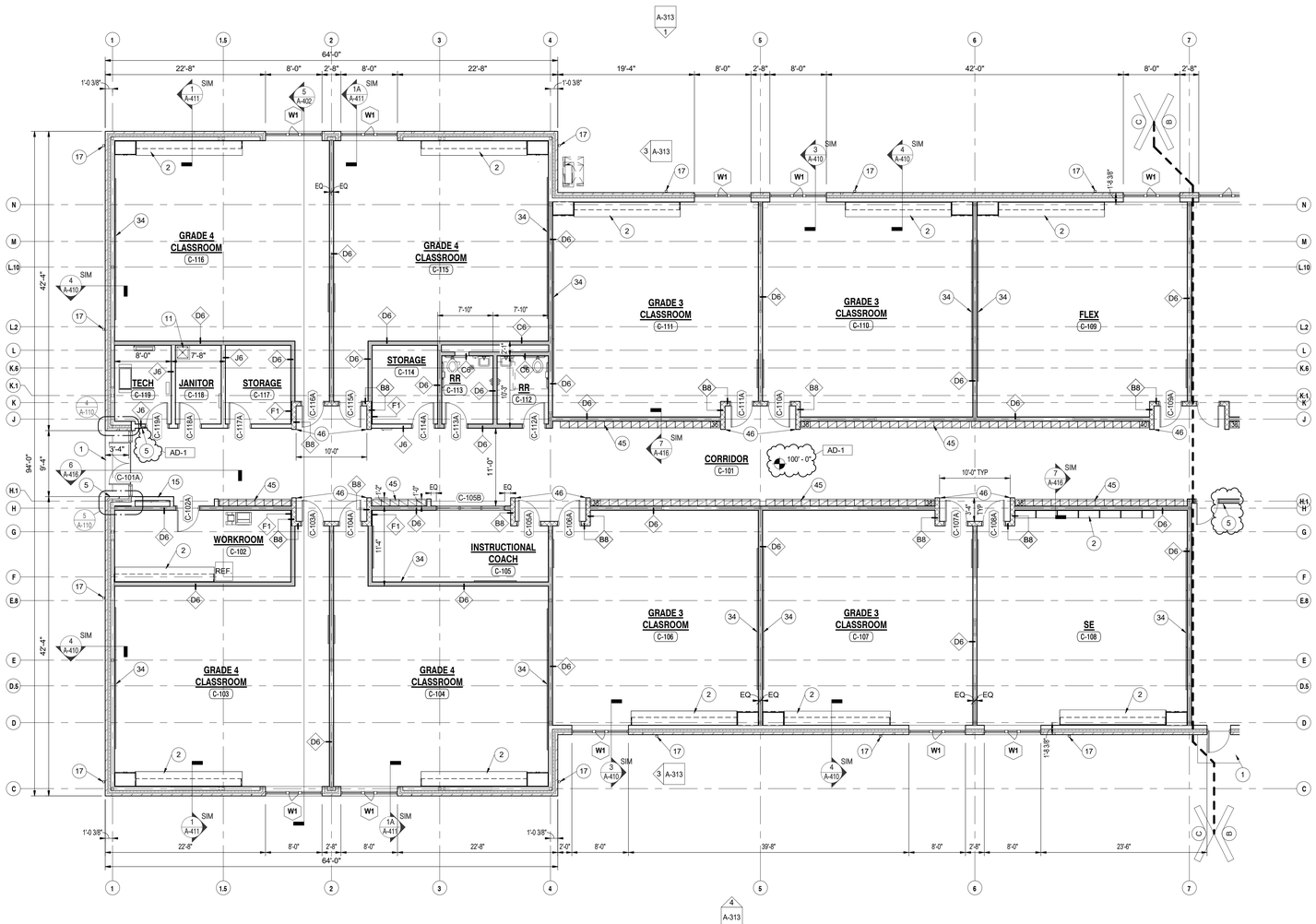
SHEET
A-102

4/21/2022 12:02:50 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



2 A-103 UNIT "B" ARCHITECTURAL MEZZANINE PLAN

1/8" = 1'-0"



1 A-103 UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

1/8" = 1'-0"

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS TO NOT HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AD HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

K. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS

WXX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

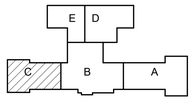
1. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
9. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 36" ABOVE SLOPE OF RAMP AND FLOOR. EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL. (11 A-431)
10. GYM EQUIPMENT (TYPICAL), REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK, REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. (7 A-211)
14. FIRE EXTINGUISHER (WALL MOUNTED). REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER, REFER TO MECHANICAL DRAWINGS. (AD-2)
16. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT, REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
19. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. (9 A-501)
21. ROOF BELOW, REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. (18 A-501) (19 A-501)
23. ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE, REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. (4 A-502)
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 109'-8", TOP AT ELEVATION 108'-4"). PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS.
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. (3 A-610)
36. ROLLING COUNTER DOOR. (4 A-610)
37. ROLLING SERVICE DOOR. (6 A-610)
38. RETURN AIR GRILL COVER. (6 A-502)
39. CHASE WALL WITH SOLID SURFACE TOP. (8 A-502)
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION. REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
45. METAL LOCKERS, REFER TO EQUIPMENT PLANS.
46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
47. TRANSITION FROM GFCMU TO PAINTED CMU AT THIS POINT.
48. LAMINATE 5/8" GYPSUM BOARD TO FACE OF FOUNDATION WALL
49. ALTERNATE: STAIRS, HANDRAILS, WALL OPENING. BASE BID: CONCRETE SLAB, ROOM D-105A STORAGE.
50. CUBICLE CURTAIN. (13 A-501)
51. CYCLORAMA CURTAIN. (13 A-501)
52. LAMINATE TEMPORARY INSULATION AS PART OF PHASE 1 ALONG THIS WALL FROM FINISH FLOOR TO ROOF DECK. REMOVE AND REPLACE WITH GYPSUM BOARD FROM FINISH FLOOR TO 4" ABOVE CEILING IN PHASE 2.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

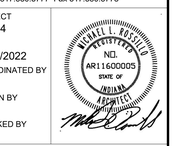


KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

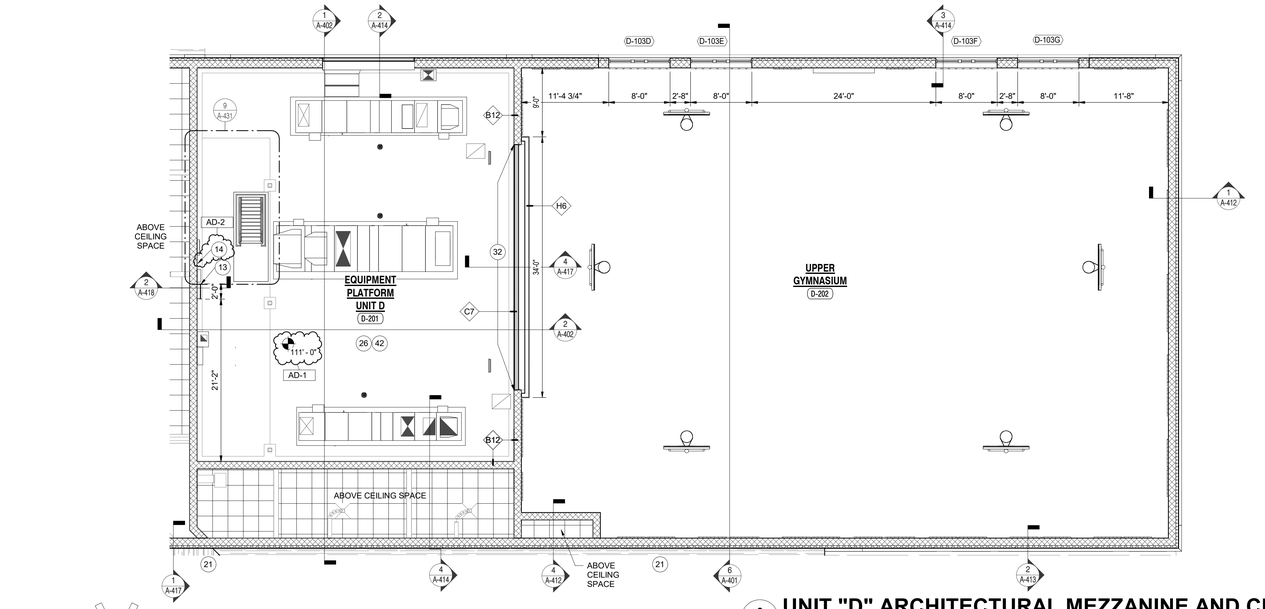
DRAWING
UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN & UNIT "B" MEZZANINE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

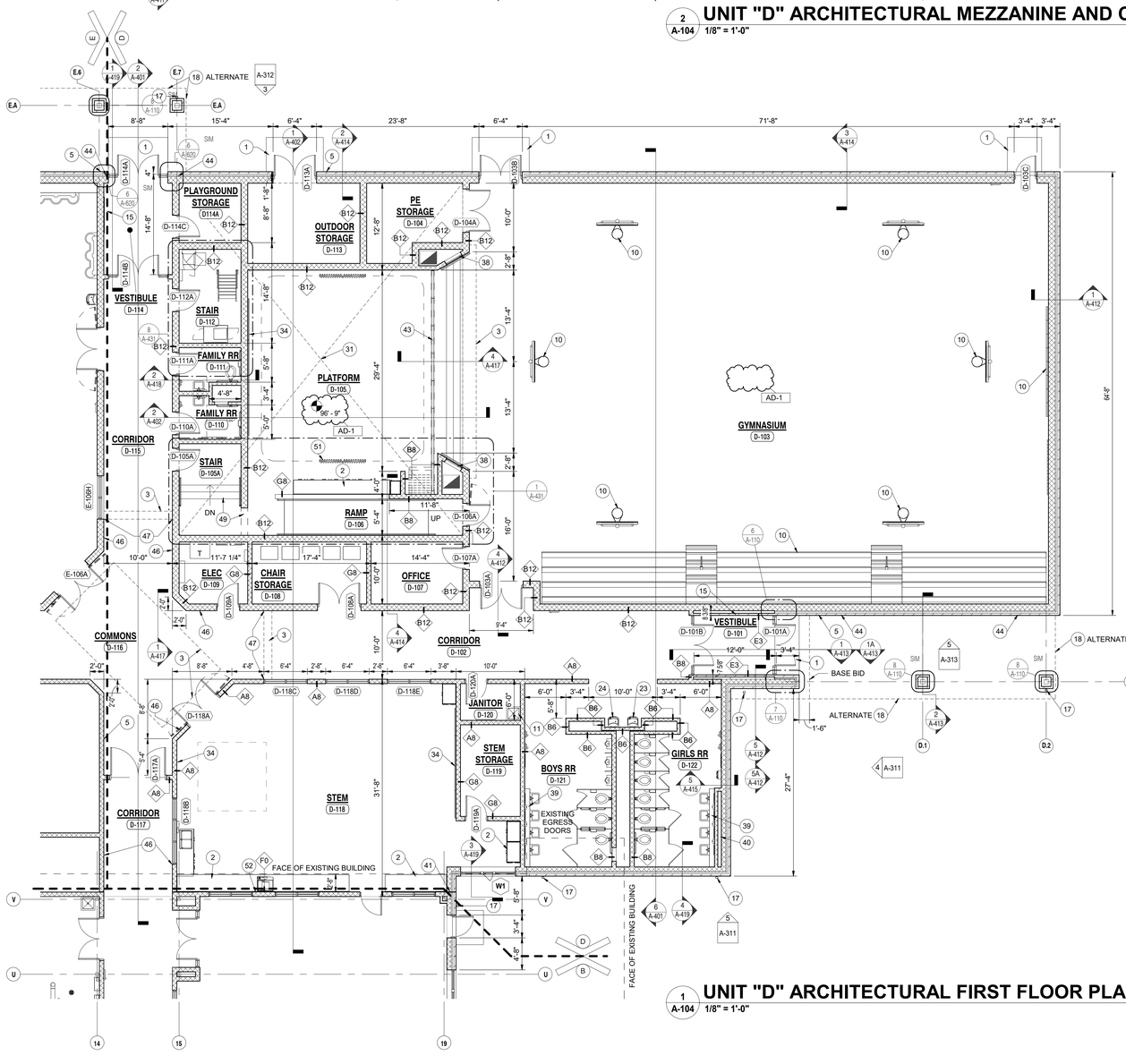
© GIBRALTAR DESIGN

SHEET
C
A-103

4/21/2022 12:03:11 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



2 A-104 UNIT "D" ARCHITECTURAL MEZZANINE AND CLERESTORY PLAN
1/8" = 1'-0"



1 A-104 UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS TO NOT HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AD HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

K. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS

WX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

1. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
9. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 36" ABOVE SLOPE OF RAMP AND FLOOR, EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL. (11 A-431)
10. GYM EQUIPMENT (TYPICAL). REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK, REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. (7 A-211)
14. FIRE EXTINGUISHER (WALL MOUNTED), REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER. REFER TO MECHANICAL DRAWINGS. (AD-2)
16. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT, REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
19. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. (9 A-501)
21. ROOF BELOW, REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. (18 A-501) (19 A-501)
23. ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE, REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. (4 A-502)
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 100'-8", TOP AT ELEVATION 108'-4"). PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS.
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. (3 A-610)
36. ROLLING COUNTER DOOR. (4 A-610) (6 A-610)
37. ROLLING SERVICE DOOR. (6 A-502) (8 A-502)
38. RETURN AIR GRILL COVER.
39. CHASE WALL WITH SOLID SURFACE TOP.
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION. REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
45. METAL LOCKERS, REFER TO EQUIPMENT PLANS.
46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
47. TRANSITION FROM GFCMU TO PAINTED CMU AT THIS POINT.
48. LAMINATE 5/8" GYPSUM BOARD TO FACE OF FOUNDATION WALL.
49. ALTERNATE: STAIRS, HANDRAILS, WALL OPENING. BASE BID: CONCRETE SLAB, ROOM D-105A STORAGE.
50. CUBICLE CURTAIN. (13 A-501)
51. CYCLORAMA CURTAIN. (13 A-501)
52. LAMINATE TEMPORARY INSULATION AS PART OF PHASE 1 ALONG THIS WALL FROM FINISH FLOOR TO ROOF DECK. REMOVE AND REPLACE WITH GYPSUM BOARD FROM FINISH FLOOR TO 4" ABOVE CEILING IN PHASE 2.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROSSELLI — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. THEY SHALL NOT BE REPRODUCED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

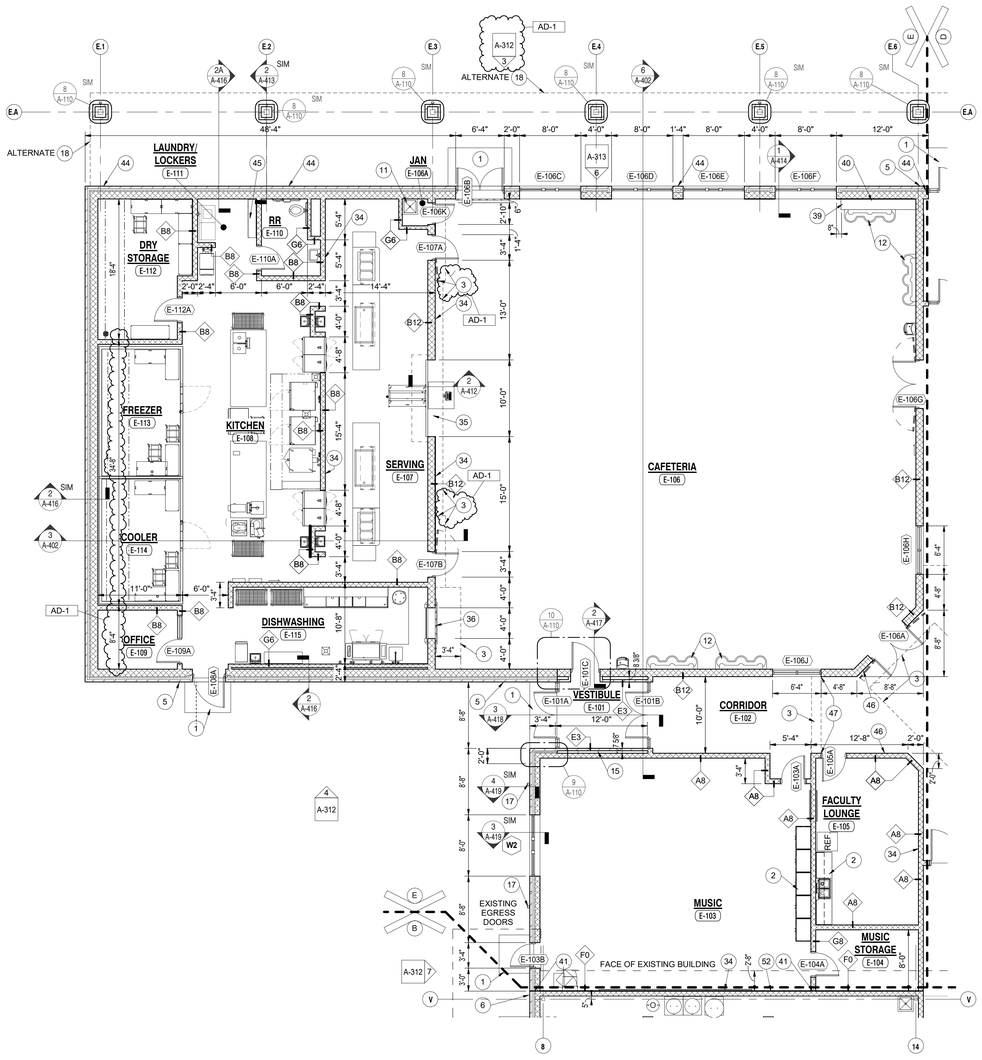
DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
D
A-104

4/21/2022 2:05:42 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



1 A-105 **UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN**
1/8" = 1'-0"

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS TO NOT HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AD HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

K. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS

WXX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

1. CONCRETE STOOP. PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
9. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 36" ABOVE SLOPE OF RAMP AND FLOOR. EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL. (11 A-431)
10. GYM EQUIPMENT (TYPICAL). REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK, REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. (7 A-211)
14. FIRE EXTINGUISHER (WALL MOUNTED). REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER, REFER TO MECHANICAL DRAWINGS. (AD-2)
16. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT, REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
19. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. (9 A-501)
21. ROOF BELOW, REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. (18 A-501) (19 A-501)
23. ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE, REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. (4 A-502)
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 109'-8", TOP AT ELEVATION 108'-4"). PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS.
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. (3 A-610)
36. ROLLING COUNTER DOOR. (4 A-610)
37. ROLLING SERVICE DOOR. (6 A-610)
38. RETURN AIR GRILL COVER. (6 A-502)
39. CHASE WALL WITH SOLID SURFACE TOP. (8 A-502)
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION. REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
45. METAL LOCKERS, REFER TO EQUIPMENT PLANS.
46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
47. TRANSITION FROM GFCMU TO PAINTED CMU AT THIS POINT.
48. LAMINATE 5/8" GYPSUM BOARD TO FACE OF FOUNDATION WALL
49. ALTERNATE: STAIRS, HANDRAILS, WALL OPENING. BASE BID: CONCRETE SLAB, ROOM D-105A STORAGE.
50. CUBICLE CURTAIN. (13 A-501)
51. CYCLORAMA CURTAIN. (13 A-501)
52. LAMINATE TEMPORARY INSULATION AS PART OF PHASE 1 ALONG THIS WALL FROM FINISH FLOOR TO ROOF DECK. REMOVE AND REPLACE WITH GYPSUM BOARD FROM FINISH FLOOR TO 4" ABOVE CEILING IN PHASE 2.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. REGISTERED NO. AR11600005 STATE OF INDIANA ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

DRAWING
UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
E
A-105

4/21/2022 12:03:38 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt

ROOF LEGEND AND TYPICAL DETAILS:

- ELEVATION TOP OF NEW ROOF DECK
- +X — INDICATES APPROXIMATE THICKNESS OF INSULATION
- INDICATES ROOF SLOPE (1/4" PER 12")
- INDICATES ROOF SADDLE SLOPE (1/2" PER 12")
- ROOF DRAIN — 9 / A-210
- ROOF DRAINAGE SADDLE ALL SLOPES SHALL BE 1/2" PER 12" — 9 / A-210
- HATCH PATTERN INDICATES TAPERED INSULATION OVER FLAT INSULATION AS REQUIRED TO MAINTAIN 1/4" SLOPE TO DRAIN
- WALKWAY PADS
- EXHAUST FAN — 15 / A-211
- PLUMBING VENT — 7 / A-210, 11 / A-210

ROOF PLAN NOTES:

1. ROOF LADDER. — 6 / A-211
2. ROOF HATCH. — 7 / A-211
3. MECHANICAL UNIT/EQUIPMENT - REFER TO MECHANICAL DRAWINGS. FLASH CURB PER ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.
4. 4" X 3" ALUMINUM DOWNSPOUT.
5. REFER TO WALL SECTIONS FOR METAL COPING ON TOP OF COLUMN BELOW CANOPY.
6. PROVIDE TEMPORARY ROOF CLOSURE AS PART OF PHASE 1 CONSTRUCTION. DURING PHASE 2 REMOVE TEMPORARY CLOSURE AND TIE NEW ROFFING SYSTEM INTO ROOFING SYSTEM FROM PHASE 1.
7. RETURN FASCIA AT END OF WALL.
8. SNOW GUARDS AS RECOMMENDED BY ROOFING MANUFACTURER. PROVIDE WOOD BLOCKING AS REQUIRED FOR INSTALLATION.
9. MAKE-UP AIR UNIT, REFER TO KITCHEN AND MECHANICAL DRAWINGS.
10. CONDENSING UNIT, REFER TO KITCHEN AND MECHANICAL DRAWINGS.
11. CONDENSATE FAN, REFER TO KITCHEN AND MECHANICAL DRAWINGS.
12. EXHAUST FAN, REFER TO MECHANICAL DRAWINGS.
13. PLUMBING VENT, REFER TO PLUMBING DRAWINGS.

ROOF EDGE DETAILS:

- A — WALL/ROOF COUNTER FLASHING — 2 / A-210
- B — EAVE DETAIL — 3 / A-210
- C — RIDGE VENT DETAIL — 4 / A-210
- D — METAL COPING DETAIL — 12 / A-211
- E — WALL/ROOF COUNTER FLASHING (FULL LENGTH OF WALL) — 14 / A-211
- F — GABLE EAVE DETAIL — 12 / A-210
- G — WALL/ROOF COUNTER FLASHING — 2 / A-211
- H — METAL COPING DETAIL — 4 / A-211
- J — WALL/ROOF COUNTER FLASHING AND METAL COPING DETAIL — 3 / A-211
- K — CANOPY EAVE DETAIL — 10 / A-211
- L — CANOPY GABLE EAVE DETAIL — 11 / A-211
- M — WALL/ROOF COUNTER FLASHING — 1 / A-210
- N — BRICK TO EIFS TRANSITION FASCIA — 13 / A-211
- P — GABLE EAVE DETAIL — 9 / A-211
- Q — WALL/ROOF COUNTER FLASHING — 1 / A-211
- R — WALL/ROOF COUNTER FLASHING — 6 / A-210
- S — METAL COPING DETAIL — 13 / A-210
- T — EAVE DETAIL — 8 / A-211

GENERAL ROOFING NOTES

A. FOR GENERAL NOTES, MATERIAL IDENTIFICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. REFER TO SHEET G-301.

B. THE ROOFING INSTALLER SHALL VERIFY ALL DIMENSIONS, CLEARANCES, AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

C. THE ROOFING INSTALLER SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL DAMAGE CAUSED BY THE IMPROPER STORAGE OR STACKING OF ROOFING MATERIALS.

D. ALL DIMENSIONS INDICATED ON ROOF PLAN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ACCURATE FIELD MEASUREMENTS FOR HE EXECUTION OF HIS WORK AND PRIOR TO ANY FABRICATION OF THE VARIOUS MATERIALS.

E. THE ROOFING CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOFING INSTALLER SHALL INSPECT AND CLEAR ALL DRAINS, SCUPPERS, AND DOWNSPOUTS PRIOR TO COMPLETION OF NEW WORK TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.

F. ROOF DRAIN LOCATIONS INDICATE DESIGN INTENT. COORDINATE LOCATIONS WITH STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

G. FOR LOCATION, TYPE, AND SIZE OF ALL ROOF TOP MECHANICAL EQUIPMENT REFER TO MECHANICAL DRAWINGS.

H. FOR LOCATIONS OF ALL PLUMBING VENTS REFER TO PLUMBING DRAWINGS.

I. EXTEND ALL PLUMBING VENTS SO THAT THE TOP IS A MINIMUM OF 12" ABOVE THE ROOFING MEMBRANE.

J. PROVIDE FLASHING AND A TWO PIECE COUNTER-FLASHING WHERE ROOFING ABUTS WALL, UNLESS OTHERWISE NOTED OR DETAILED.

K. PROVIDE FLASHING AT ALL VENTS, MECHANICAL CURBS, MASONRY WALLS, FLUES, DRAINS, FASCIAS, ETC. IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS, AND WITH ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.

L. CONTRACTOR TO PROVIDE CRICKETS AND/OR ROOF SADDLES AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AROUND ALL ROOF TOP PENETRATIONS.

M. SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPE TO DRAIN. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS FOR TAPERED INSULATION AND SADDLES TO ENSURE POSITIVE SLOPE.

N. ALL NEW WOOD BLOCKING & NAILERS SHALL BE TREATED WOOD.

O. ANCHOR ALL ROOFING EDGE WOOD BLOCKING AND STRUCTURAL INSULATED SHEATHING FOR COPINGS, FASCIA, AND EXPANSION JOINT COMPRESSIBLE TUBES AS REQUIRED TO CONFORM TO STATE AND LOCAL CODES.

P. REFER TO ARCHITECTURAL FLOOR PLAN FOR LOCATION OF SECTION CUTS FOR ADDITIONAL INFORMATION.

ROOF TYPES:

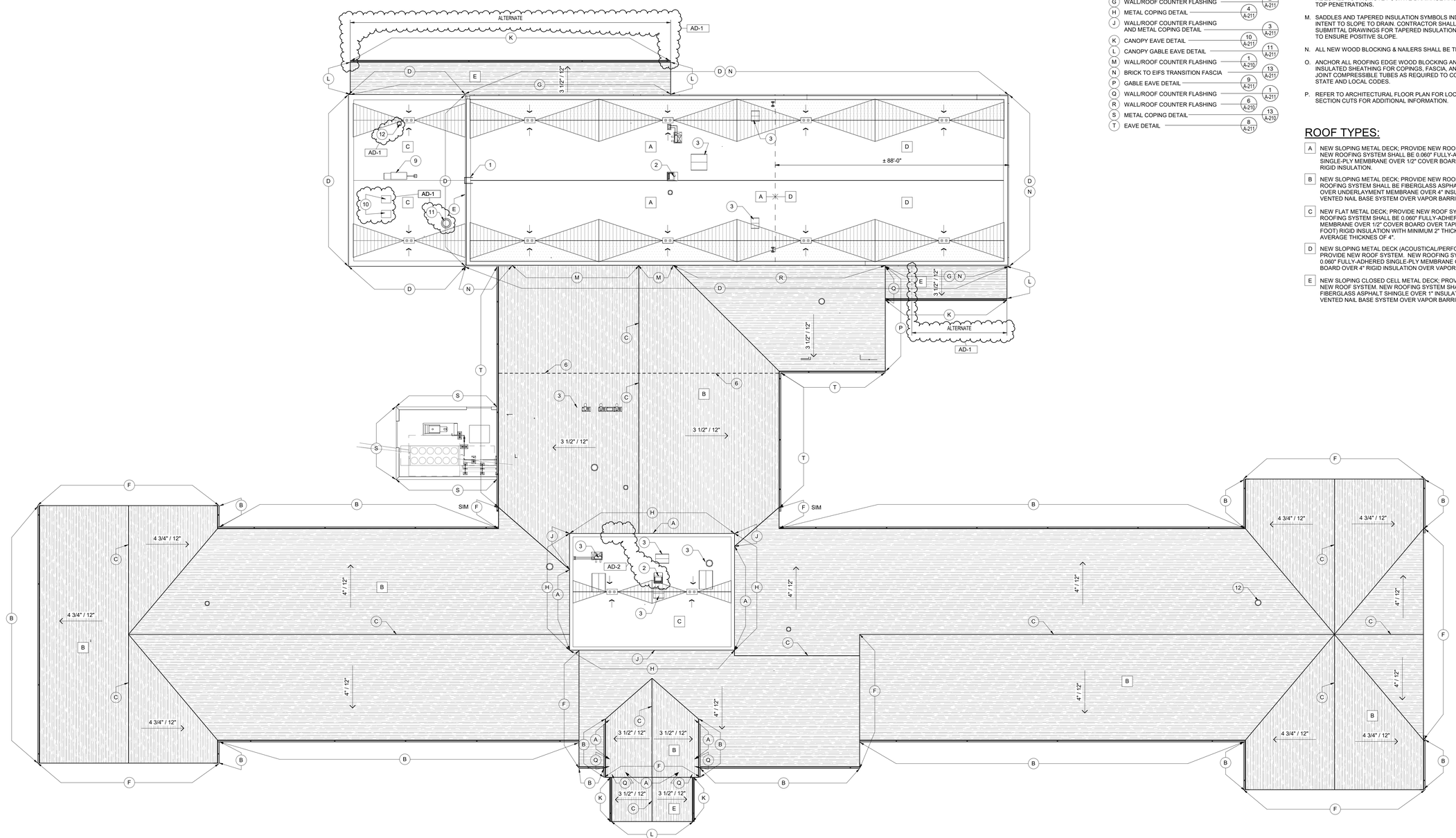
A. NEW SLOPING METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/2" COVER BOARD OVER 4" RIGID INSULATION.

B. NEW SLOPING METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE FIBERGLASS ASPHALT SHINGLE OVER UNDERLAYMENT MEMBRANE OVER 4" INSULATED VENTED NAIL BASE SYSTEM OVER VAPOR BARRIER.

C. NEW FLAT METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/2" COVER BOARD OVER TAPERED (1/4" PER FOOT) RIGID INSULATION WITH MINIMUM 2" THICKNESS AND AVERAGE THICKNES OF 4".

D. NEW SLOPING METAL DECK (ACOUSTICAL/PERFORATED); PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/2" COVER BOARD OVER 4" RIGID INSULATION OVER VAPOR BARRIER.

E. NEW SLOPING CLOSED CELL METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE FIBERGLASS ASPHALT SHINGLE OVER 1" INSULATED VENTED NAIL BASE SYSTEM OVER VAPOR BARRIER.



1 A-201 **OVERALL ROOF PLAN** 1/16" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

E D C B A

KEY PLAN — NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY JMG, PD
CHECKED BY MLR

MICHAEL L. ROSSLER — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

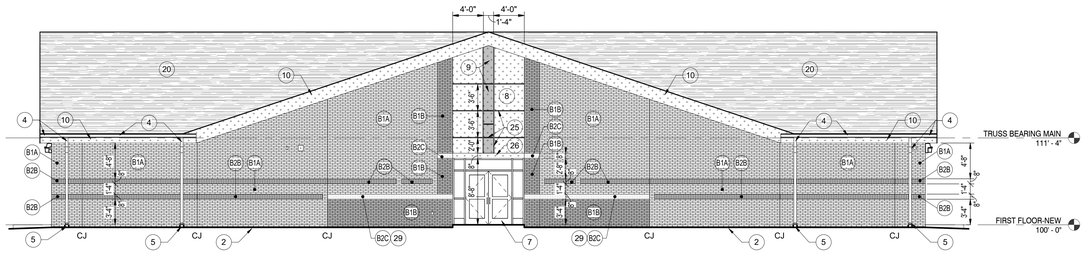
DRAWING
OVERALL ARCHITECTURAL ROOF PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

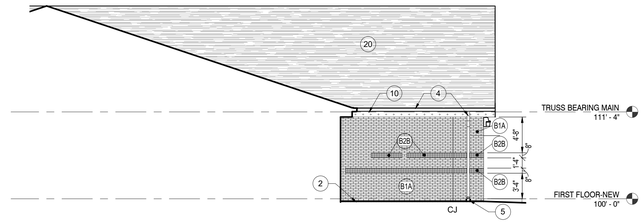
© GIBRALTAR DESIGN

SHEET A-201

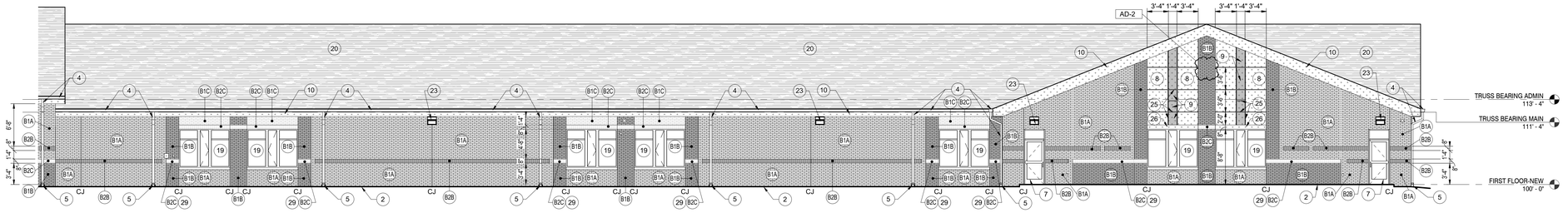
4/21/2022 2:09:43 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



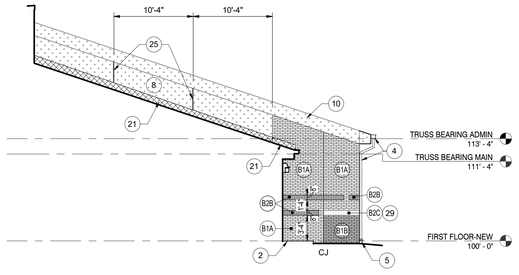
9 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



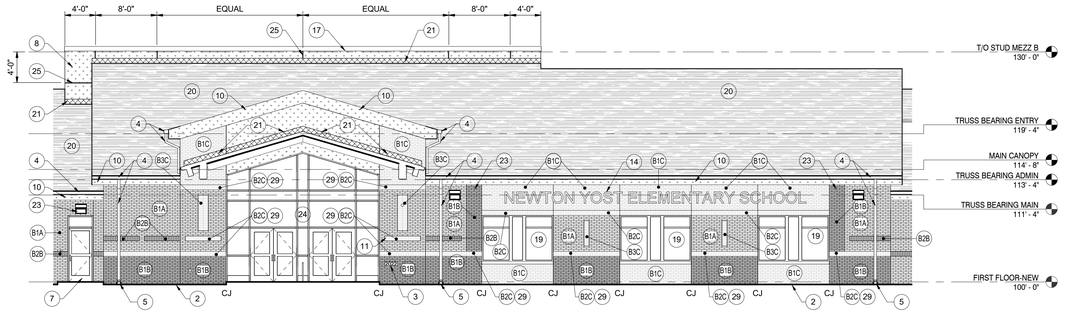
8 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



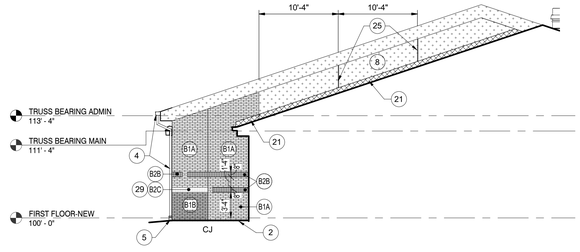
7 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



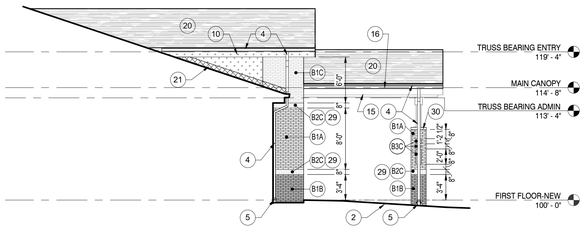
6 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



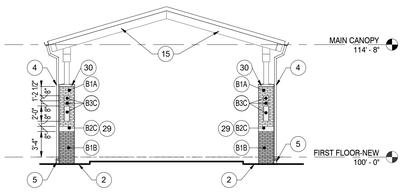
5 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



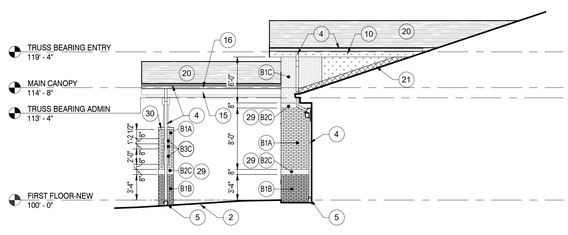
4 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



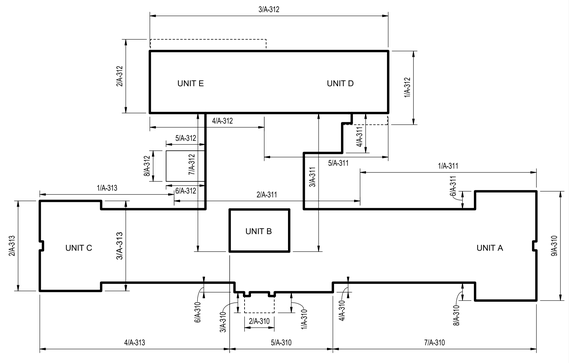
3 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



2 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



1 A-310 EXTERIOR ELEVATION
1/8" = 1'-0"



ELEVATION KEYPLAN
NOT TO SCALE

GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTION CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. ALL FACE BRICK SHALL BE UTILITY 1/3 RUNNING BOND UNLESS NOTED OTHERWISE.

E. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK UNLESS NOTED OTHERWISE. COORDINATE WITH CIVIL DRAWINGS.

G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAILS 1 / A-410 , 2 / A-410 AND 8 / A-501. SEALANT COLOR A UNLESS NOTED OTHERWISE

H. (EJ) INDICATES BUILDING EXPNASION JOINT. REFER TO PLAN DETAILS.

GENERAL ELEVATION NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. TRANSITION COURSING AT THIS INSIDE CORNER.
2. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
3. DATE STONE AND TIME CAPSULE. — 9/A-501
4. METAL GUTTER AND DOWNSPOUTS - COLOR A. REFER TO ROOF PLAN.
5. DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
6. ALUMINUM GATE. — 4/A-502
7. ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS WHERE APPLICABLE.
8. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR A.
9. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR B.
10. EIFS FASCIA (COLOR C) AND SOFFIT (COLOR A)
11. KNOX BOX
12. LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER. PROVIDE INTERMEDIATE SUPPORTS AS REQUIRED BY LOUVER MANUFACTURER. PAINT TO MATCH ADJACENT EIFS COLOR — 9/A-502, 10/A-502
13. ROOF LADDER, REFER TO ROOF PLAN.
14. 8" HIGH ALUMINUM LETTERING. VERIFY NAME WITH OWNER. — 6/A-501
15. EXPOSED STRUCTURAL STEEL CANOPY (REFER TO REFLECTED CEILING PLAN FOR COLORS).
16. METAL FASCIA - COLOR A. REFER TO ROOF PLAN.
17. METAL COPING - COLOR A. REFER TO ROOF PLAN.
18. FRP DOOR AND ALUMINUM FRAME.
19. ALUMINUM WINDOW WITH BASE BID: ALUMINUM SILL. ALTERNATE: CUT STONE SILL.
20. FIBERGLASS ASPHALT SHINGLE ROOF
21. ROOF FLASHING, REFER TO ROOF PLAN.
22. PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
23. LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
24. ALUMINUM CURTAIN WALL SYSTEM W/ ALUMINUM DOORS.
25. 1" EIFS REVEAL.
26. 2" EIFS BAND.
27. ROLLING SERVICE DOOR.
28. SEALANT COLOR B IN THIS JOINT.
29. ALTERNATE: CUT STONE BAND.
30. BASE BID: BREAK METAL CAP (COLOR A). ALTERNATE: CUT STONE CAP.

BRICK TYPE NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

- B1A FACE BRICK COLOR A - RUNNING BOND - MODULAR
- B1B FACE BRICK COLOR B - RUNNING BOND - MODULAR
- B1C FACE BRICK COLOR C - RUNNING BOND - MODULAR
- B2A FACE BRICK COLOR A - SOLDIER COURSE - MODULAR
- B2B FACE BRICK COLOR B - SOLDIER COURSE - MODULAR
- B2C FACE BRICK COLOR C - SOLDIER COURSE - MODULAR
- B3C FACE BRICK COLOR C - STACKED BOND - MODULAR

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROUSSEAU — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THE DOCUMENTS ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

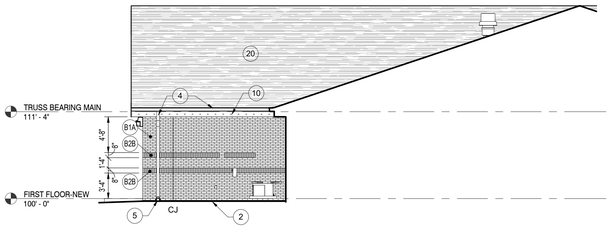
DRAWING
EXTERIOR ELEVATIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

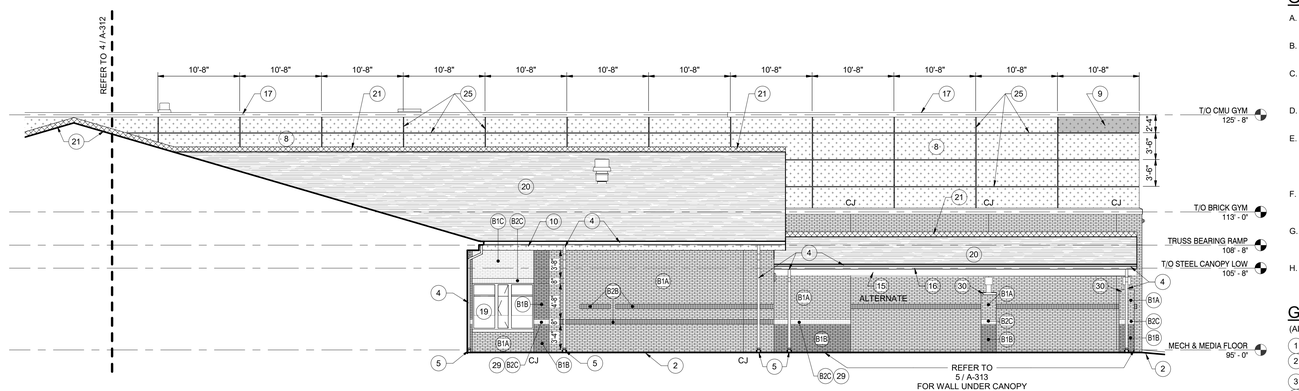
© GIBRALTAR DESIGN

SHEET
A-310

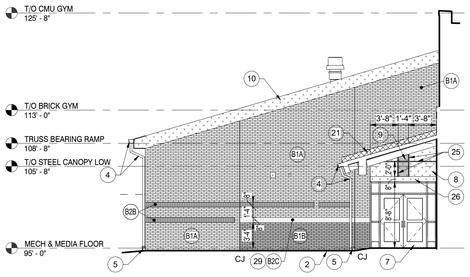
4/21/2022 2:28:00 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



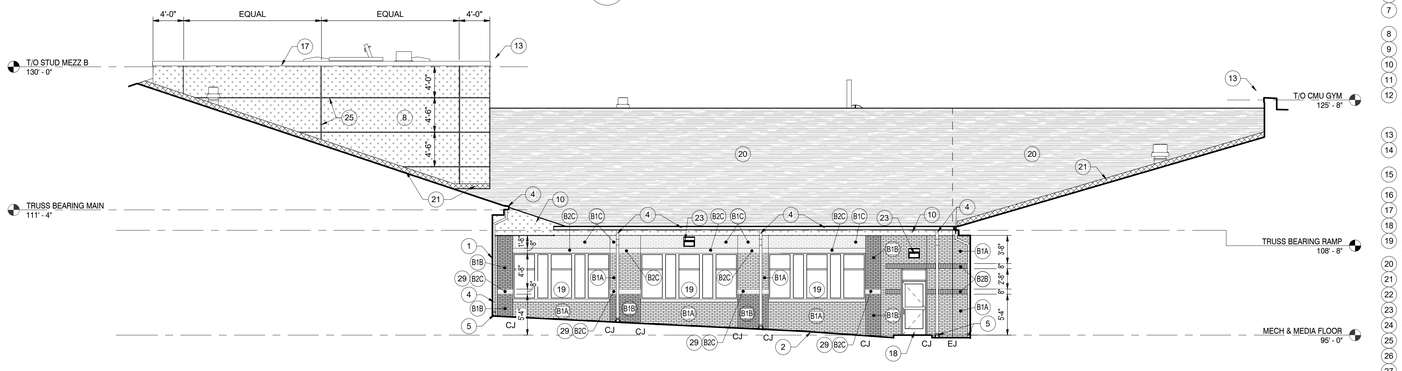
6 A-311 **EXTERIOR ELEVATION**
1/8" = 1'-0"



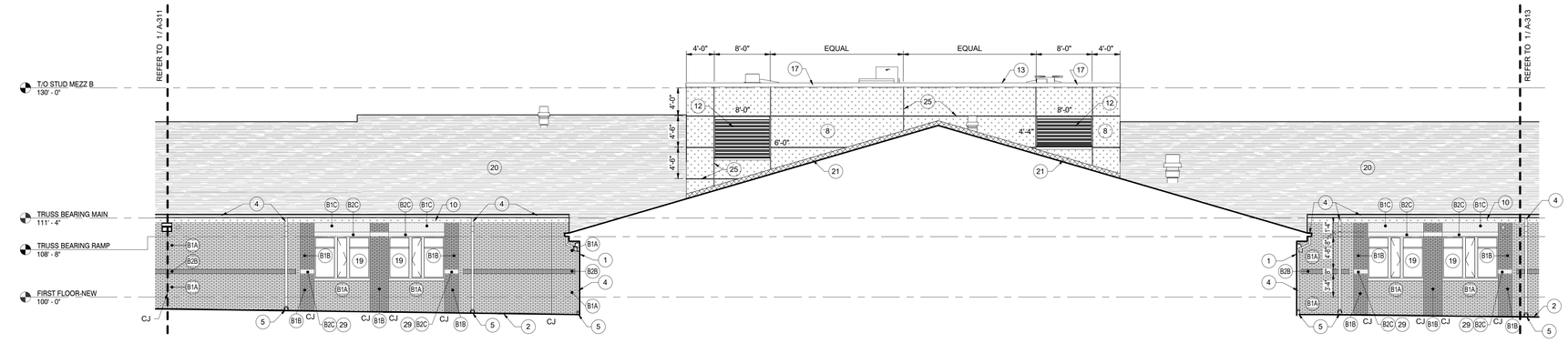
5 A-311 **EXTERIOR ELEVATION**
1/8" = 1'-0"



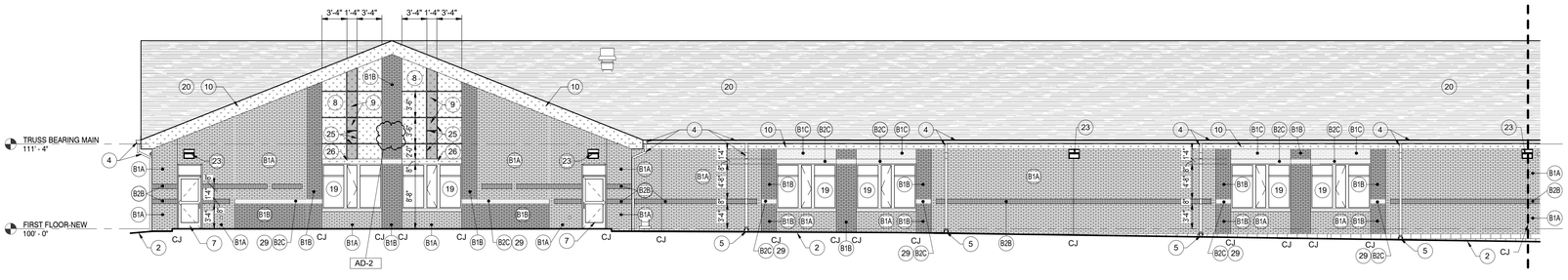
4 A-311 **EXTERIOR ELEVATION**
1/8" = 1'-0"



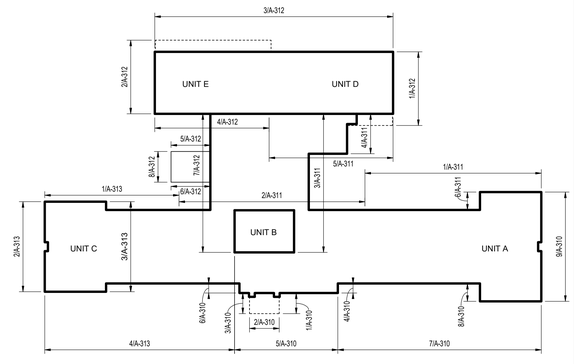
3 A-311 **EXTERIOR ELEVATION**
1/8" = 1'-0"



2 A-311 **EXTERIOR ELEVATION**
1/8" = 1'-0"



1 A-311 **EXTERIOR ELEVATION**
1/8" = 1'-0"



ELEVATION KEYPLAN
NOT TO SCALE

GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTION CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. ALL FACE BRICK SHALL BE UTILITY 1/3 RUNNING BOND UNLESS NOTED OTHERWISE.

E. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK UNLESS NOTED OTHERWISE. COORDINATE WITH CIVIL DRAWINGS.

G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAILS 1 / A-410 , 2 / A-410 AND 8 / A-501. SEALANT COLOR A UNLESS NOTED OTHERWISE

H. (EJ) INDICATES BUILDING EXPNASION JOINT. REFER TO PLAN DETAILS.

GENERAL ELEVATION NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. TRANSITION COURSING AT THIS INSIDE CORNER.
2. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
3. DATE STONE AND TIME CAPSULE. — 9 / A-501
4. METAL GUTTER AND DOWNSPOUTS - COLOR A. REFER TO ROOF PLAN.
5. DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
6. ALUMINUM GATE. — 4 / A-502
7. ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS WHERE APPLICABLE.
8. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR A.
9. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR B.
10. EIFS FASCIA (COLOR C) AND SOFFIT (COLOR A)
11. KNOX BOX
12. LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER. PROVIDE INTERMEDIATE SUPPORTS AS REQUIRED BY LOUVER MANUFACTURER. PAINT TO MATCH ADJACENT EIFS COLOR — 9 / A-502, 10 / A-502
13. ROOF LADDER, REFER TO ROOF PLAN.
14. 8" HIGH ALUMINUM LETTERING. VERIFY NAME WITH OWNER. — 6 / A-501
15. EXPOSED STRUCTURAL STEEL CANOPY (REFER TO REFLECTED CEILING PLAN FOR COLORS).
16. METAL FASCIA - COLOR A. REFER TO ROOF PLAN.
17. METAL COPING - COLOR A. REFER TO ROOF PLAN.
18. FRP DOOR AND ALUMINUM FRAME.
19. ALUMINUM WINDOW WITH BASE BID: ALUMINUM SILL. ALTERNATE: CUT STONE SILL.
20. FIBERGLASS ASPHALT SHINGLE ROOF
21. ROOF FLASHING, REFER TO ROOF PLAN.
22. PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
23. LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
24. ALUMINUM CURTAIN WALL SYSTEM W/ ALUMINUM DOORS.
25. 1" EIFS REVEAL.
26. 2" EIFS BAND.
27. ROLLING SERVICE DOOR.
28. SEALANT COLOR B IN THIS JOINT.
29. ALTERNATE: CUT STONE BAND.
30. BASE BID: BREAK METAL CAP (COLOR A). ALTERNATE: CUT STONE CAP.

BRICK TYPE NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

- B1A FACE BRICK COLOR A - RUNNING BOND - MODULAR
- B1B FACE BRICK COLOR B - RUNNING BOND - MODULAR
- B1C FACE BRICK COLOR C - RUNNING BOND - MODULAR
- B2A FACE BRICK COLOR A - SOLDIER COURSE - MODULAR
- B2B FACE BRICK COLOR B - SOLDIER COURSE - MODULAR
- B2C FACE BRICK COLOR C - SOLDIER COURSE - MODULAR
- B3C FACE BRICK COLOR C - STACKED BOND - MODULAR

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROUSSEAU
REGISTERED
NO. AR11600005
STATE OF INDIANA
ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THE DOCUMENTS ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

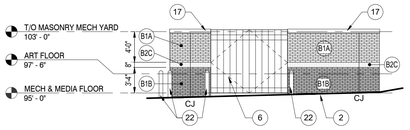
DRAWING
EXTERIOR ELEVATIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

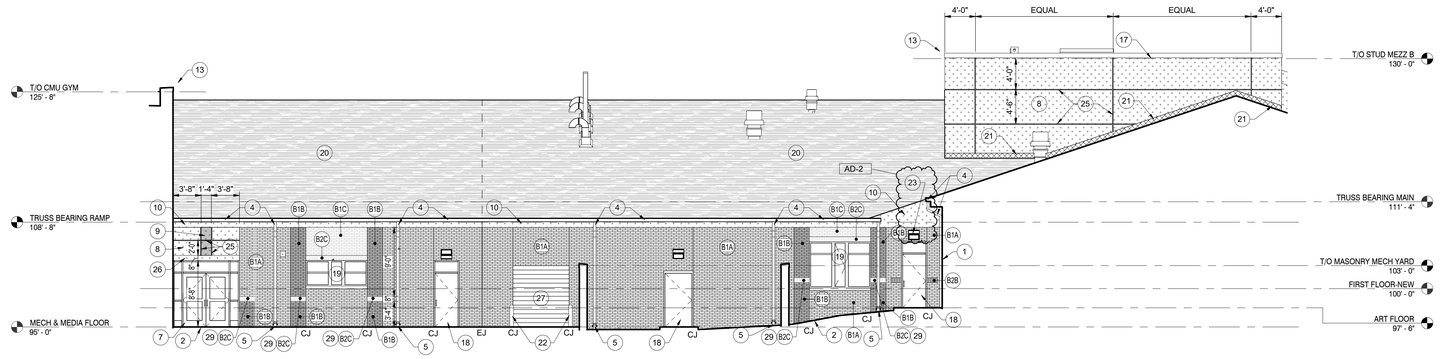
© GIBRALTAR DESIGN

SHEET
A-311

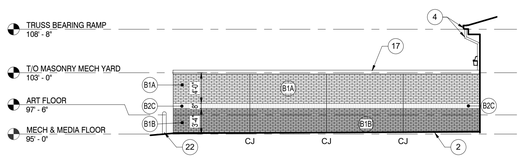
4/21/2022 2:28:40 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



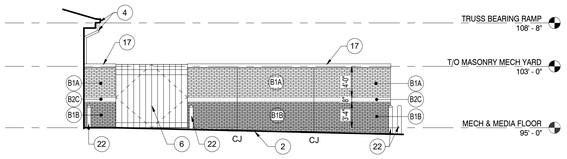
8 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



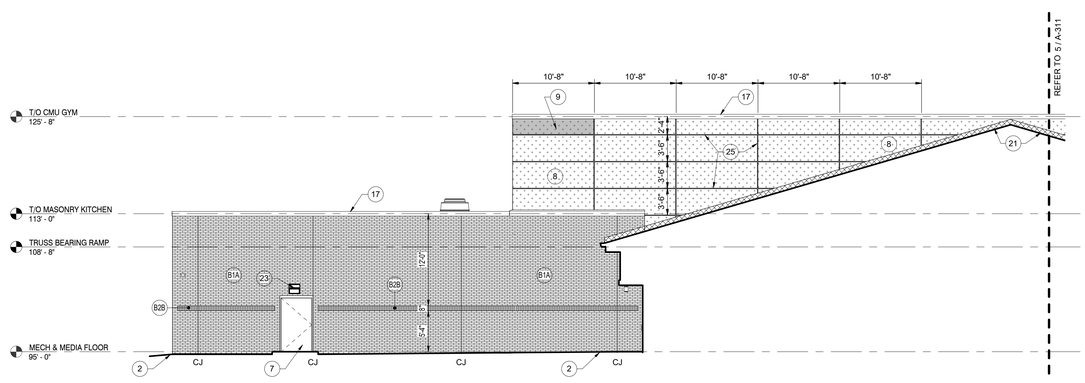
7 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



6 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



5 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



4 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"

GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTION CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. ALL FACE BRICK SHALL BE UTILITY 1/3 RUNNING BOND UNLESS NOTED OTHERWISE.

E. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK UNLESS NOTED OTHERWISE. COORDINATE WITH CIVIL DRAWINGS.

G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAILS 1 / A-410 , 2 / A-410 AND 8 / A-501. SEALANT COLOR A UNLESS NOTED OTHERWISE

H. (EJ) INDICATES BUILDING EXPNASION JOINT. REFER TO PLAN DETAILS.

GENERAL ELEVATION NOTES:

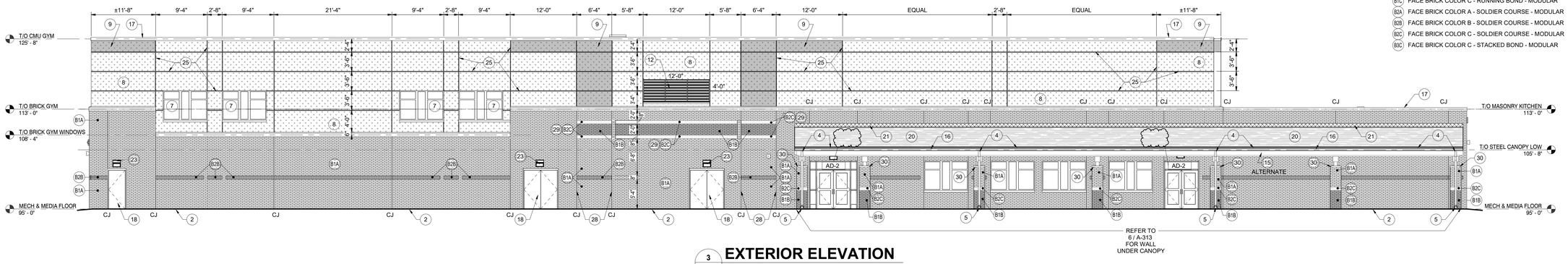
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. TRANSITION COURSING AT THIS INSIDE CORNER.
2. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
3. DATE STONE AND TIME CAPSULE. — 9 / A-501
4. METAL GUTTER AND DOWNSPOUTS - COLOR A. REFER TO ROOF PLAN.
5. DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
6. ALUMINUM GATE. — 4 / A-502
7. ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS WHERE APPLICABLE.
8. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR A.
9. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR B.
10. EIFS FASCIA (COLOR C) AND SOFFIT (COLOR A)
11. KNOX BOX
12. LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER. PROVIDE INTERMEDIATE SUPPORTS AS REQUIRED BY LOUVER MANUFACTURER. PAINT TO MATCH ADJACENT EIFS COLOR — 9 / A-502, 10 / A-502
13. ROOF LADDER, REFER TO ROOF PLAN.
14. 8" HIGH ALUMINUM LETTERING. VERIFY NAME WITH OWNER. — 6 / A-501
15. EXPOSED STRUCTURAL STEEL CANOPY (REFER TO REFLECTED CEILING PLAN FOR COLORS).
16. METAL FASCIA - COLOR A. REFER TO ROOF PLAN.
17. METAL COPING - COLOR A. REFER TO ROOF PLAN.
18. FRP DOOR AND ALUMINUM FRAME.
19. ALUMINUM WINDOW WITH BASE BID: ALUMINUM SILL. ALTERNATE: CUT STONE SILL.
20. FIBERGLASS ASPHALT SHINGLE ROOF
21. ROOF FLASHING, REFER TO ROOF PLAN.
22. PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
23. LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
24. ALUMINUM CURTAIN WALL SYSTEM W/ ALUMINUM DOORS.
25. 1" EIFS REVEAL.
26. 2" EIFS BAND.
27. ROLLING SERVICE DOOR.
28. SEALANT COLOR B IN THIS JOINT.
29. ALTERNATE: CUT STONE BAND.
30. BASE BID: BREAK METAL CAP (COLOR A). ALTERNATE: CUT STONE CAP.

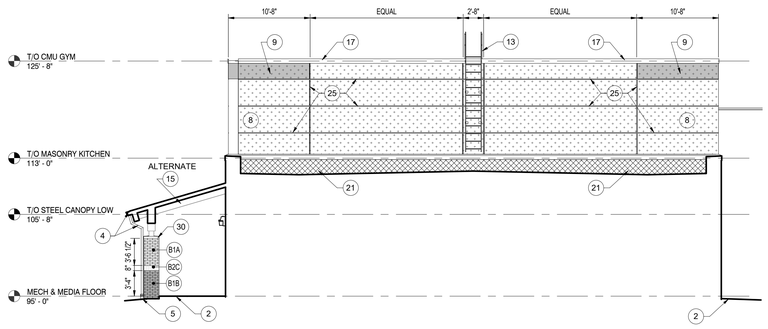
BRICK TYPE NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

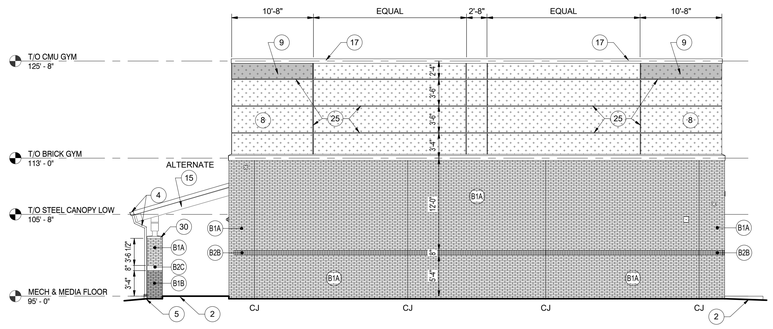
- B1A FACE BRICK COLOR A - RUNNING BOND - MODULAR
- B1B FACE BRICK COLOR B - RUNNING BOND - MODULAR
- B1C FACE BRICK COLOR C - RUNNING BOND - MODULAR
- B2A FACE BRICK COLOR A - SOLDIER COURSE - MODULAR
- B2B FACE BRICK COLOR B - SOLDIER COURSE - MODULAR
- B2C FACE BRICK COLOR C - SOLDIER COURSE - MODULAR
- B3C FACE BRICK COLOR C - STACKED BOND - MODULAR



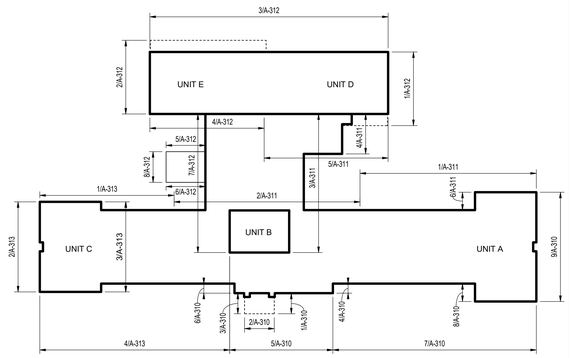
3 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



2 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



1 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



ELEVATION KEYPLAN

NOT TO SCALE

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

NICHOLAS L. ROUSSEAU
REGISTERED
NO. AR11600005
STATE OF INDIANA
ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

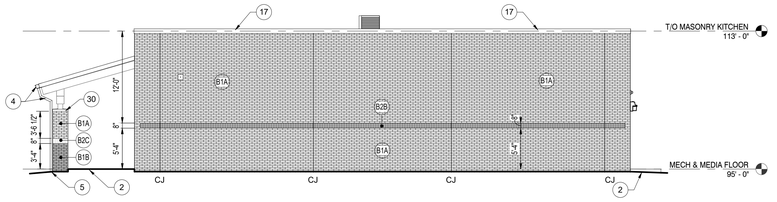
DRAWING
EXTERIOR ELEVATIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

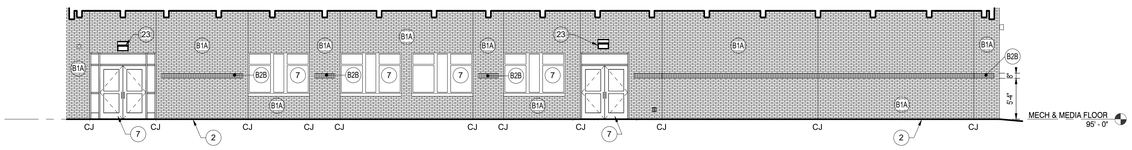
© GIBRALTAR DESIGN

SHEET
A-312

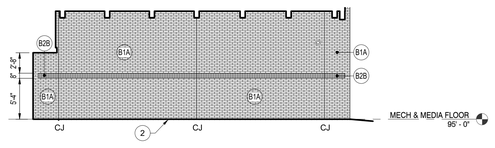
4/21/2022 2:29:04 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



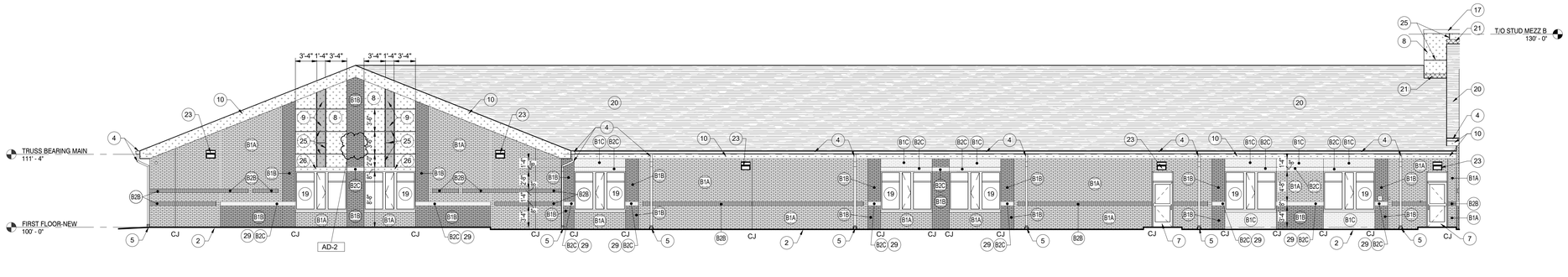
7 A-313 **EXTERIOR ELEVATION**
1/8" = 1'-0"



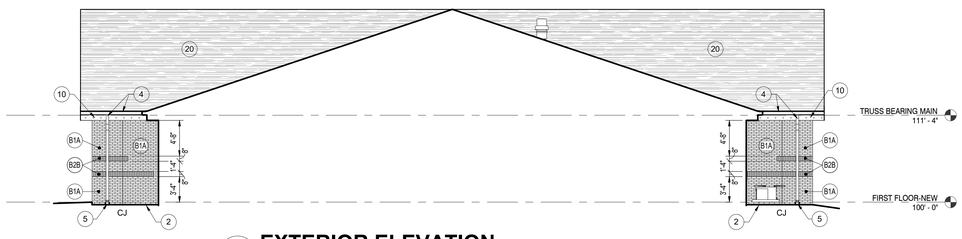
6 A-313 **EXTERIOR ELEVATION UNDER CANOPY**
1/8" = 1'-0"



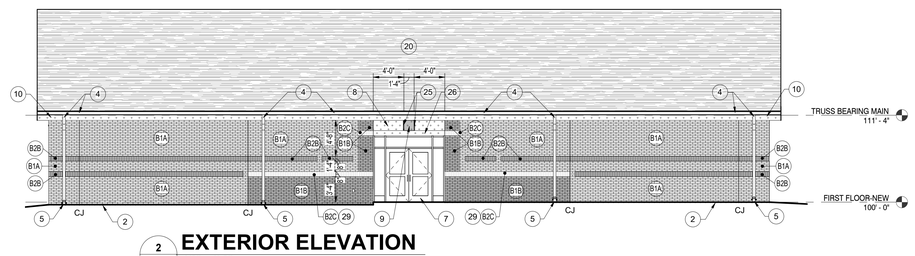
5 A-313 **EXTERIOR ELEVATION UNDER CANOPY**
1/8" = 1'-0"



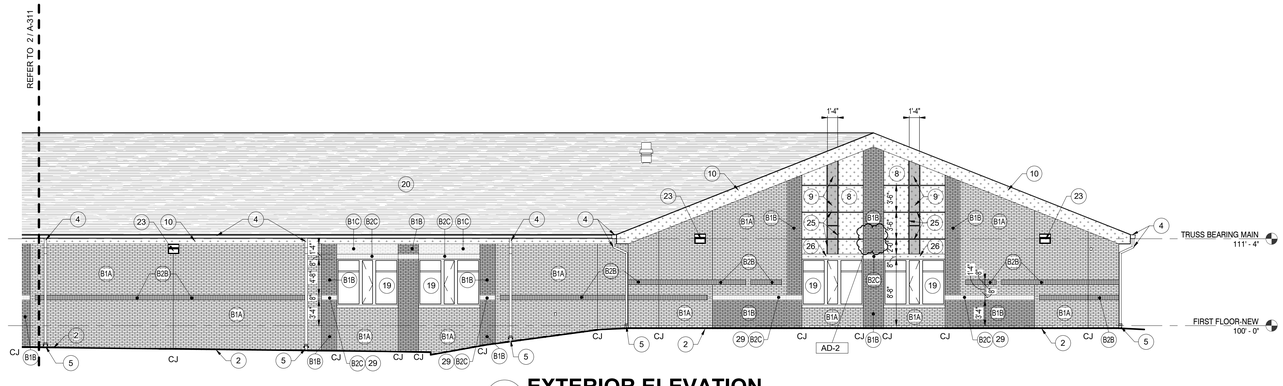
4 A-313 **EXTERIOR ELEVATION**
1/8" = 1'-0"



3 A-313 **EXTERIOR ELEVATION**
1/8" = 1'-0"



2 A-313 **EXTERIOR ELEVATION**
1/8" = 1'-0"



1 A-313 **EXTERIOR ELEVATION**
1/8" = 1'-0"

GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTION CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. ALL FACE BRICK SHALL BE UTILITY 1/3 RUNNING BOND UNLESS NOTED OTHERWISE.

E. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK UNLESS NOTED OTHERWISE. COORDINATE WITH CIVIL DRAWINGS.

G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAILS 1 / A-410 , 2 / A-410 AND 8 / A-501. SEALANT COLOR A UNLESS NOTED OTHERWISE

H. (EJ) INDICATES BUILDING EXPNASION JOINT. REFER TO PLAN DETAILS.

GENERAL ELEVATION NOTES:

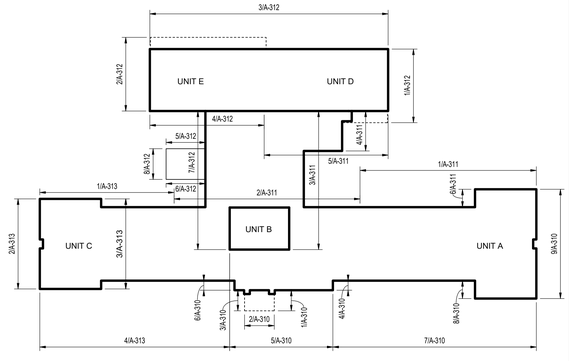
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. TRANSITION COURSING AT THIS INSIDE CORNER.
2. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
3. DATE STONE AND TIME CAPSULE. — 9 / A-501
4. METAL GUTTER AND DOWNSPOUTS - COLOR A. REFER TO ROOF PLAN.
5. DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
6. ALUMINUM GATE. — 4 / A-502
7. ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS WHERE APPLICABLE.
8. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR A.
9. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR B.
10. EIFS FASCIA (COLOR C) AND SOFFIT (COLOR A)
11. KNOX BOX
12. LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER. PROVIDE INTERMEDIATE SUPPORTS AS REQUIRED BY LOUVER MANUFACTURER. PAINT TO MATCH ADJACENT EIFS COLOR — 9 / A-502, 10 / A-502
13. ROOF LADDER, REFER TO ROOF PLAN.
14. 8" HIGH ALUMINUM LETTERING. VERIFY NAME WITH OWNER. — 6 / A-501
15. EXPOSED STRUCTURAL STEEL CANOPY (REFER TO REFLECTED CEILING PLAN FOR COLORS).
16. METAL FASCIA - COLOR A. REFER TO ROOF PLAN.
17. METAL COPING - COLOR A. REFER TO ROOF PLAN.
18. FRP DOOR AND ALUMINUM FRAME.
19. ALUMINUM WINDOW WITH BASE BID: ALUMINUM SILL. ALTERNATE: CUT STONE SILL.
20. FIBERGLASS ASPHALT SHINGLE ROOF
21. ROOF FLASHING, REFER TO ROOF PLAN.
22. PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
23. LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
24. ALUMINUM CURTAIN WALL SYSTEM W/ ALUMINUM DOORS.
25. 1" EIFS REVEAL.
26. 2" EIFS BAND.
27. ROLLING SERVICE DOOR.
28. SEALANT COLOR B IN THIS JOINT.
29. ALTERNATE: CUT STONE BAND.
30. BASE BID: BREAK METAL CAP (COLOR A). ALTERNATE: CUT STONE CAP.

BRICK TYPE NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

- B1A FACE BRICK COLOR A - RUNNING BOND - MODULAR
- B1B FACE BRICK COLOR B - RUNNING BOND - MODULAR
- B1C FACE BRICK COLOR C - RUNNING BOND - MODULAR
- B2A FACE BRICK COLOR A - SOLDIER COURSE - MODULAR
- B2B FACE BRICK COLOR B - SOLDIER COURSE - MODULAR
- B2C FACE BRICK COLOR C - SOLDIER COURSE - MODULAR
- B3C FACE BRICK COLOR C - STACKED BOND - MODULAR



ELEVATION KEYPLAN

NOT TO SCALE

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

NO. AR11600005 STATE OF INDIANA REGISTERED ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THE DOCUMENTS ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

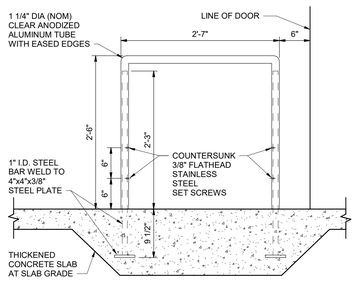
DRAWING
EXTERIOR ELEVATIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

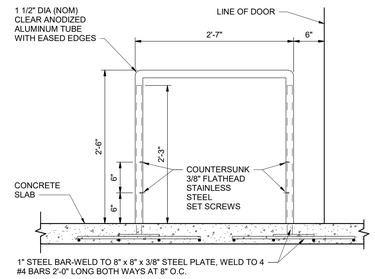
SHEET
A-313

4/21/2022 2:29:29 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



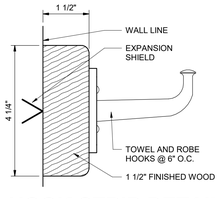
INTERIOR ALUMINUM DIVIDER RAIL DETAIL

19 / A-501 — 1" = 1'-0"



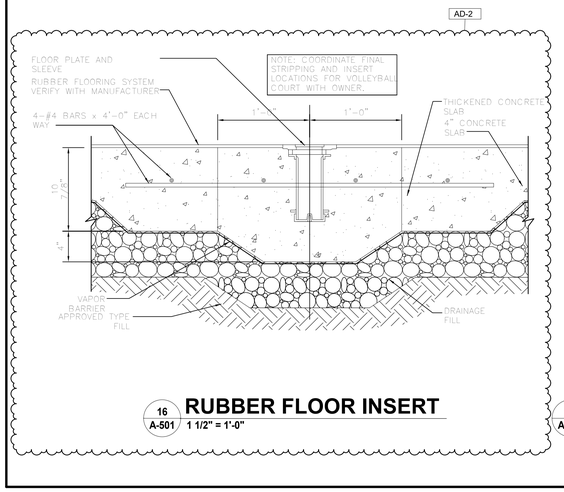
EXTERIOR ALUMINUM DIVIDER RAIL DETAIL

18 / A-501 — 1" = 1'-0"



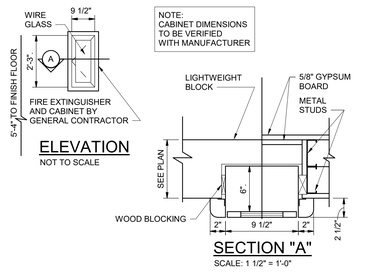
HOOK STRIP DETAIL

17 / A-501 — 6" = 1'-0"



RUBBER FLOOR INSERT

16 / A-501 — 1 1/2" = 1'-0"



ELEVATION
NOT TO SCALE

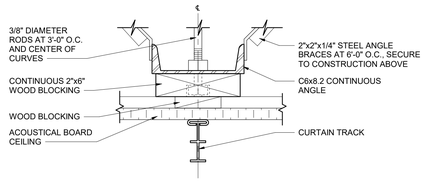
SECTION "A"
SCALE: 1 1/2" = 1'-0"

SEMI-RECESSED FIRE EXTINGUISHER CABINET DETAIL

15 / A-501 — 1 1/2" = 1'-0"

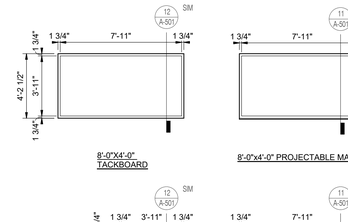
NOT USED

14 / A-501 — 3" = 1'-0"



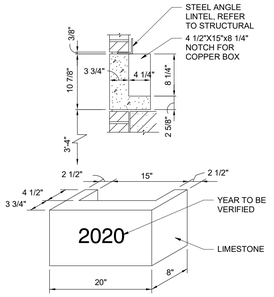
CURTAIN TRACK DETAIL

13 / A-501 — 3" = 1'-0"



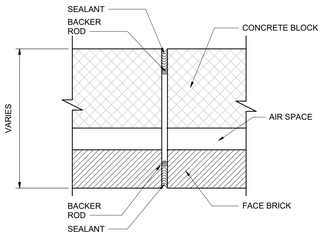
MARKERBOARD & TACKBOARD ELEVATIONS

10 / A-501 — 1/4" = 1'-0"



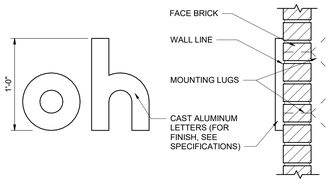
DATE STONE DETAIL

9 / A-501 — 1" = 1'-0"



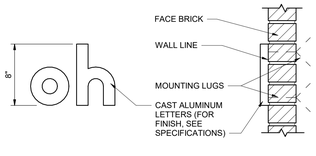
PLAN DETAIL - TYP EXP JOINT

8 / A-501 — 3" = 1'-0"



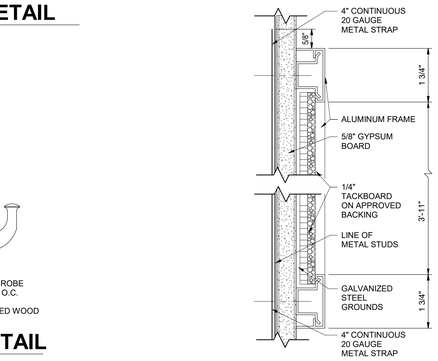
DETAIL - ALUM LETTER 12"

7 / A-501 — 1 1/2" = 1'-0"

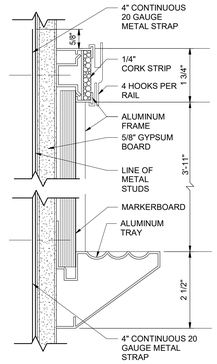


DETAIL - ALUM LETTER 8"

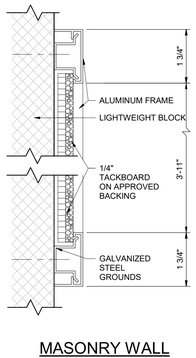
6 / A-501 — 1 1/2" = 1'-0"



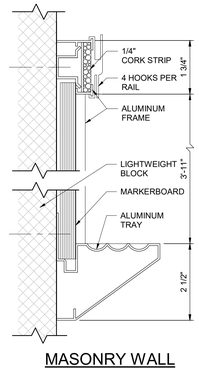
STUD WALL



STUD WALL



MASONRY WALL



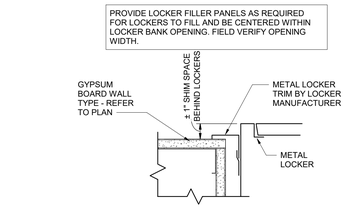
MASONRY WALL

TACKBOARD SECTIONS

12 / A-501 — 6" = 1'-0"

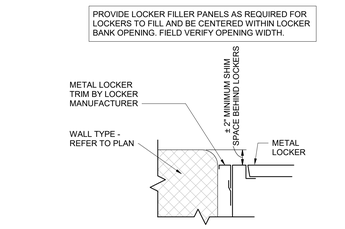
MARKERBOARD SECTIONS

11 / A-501 — 6" = 1'-0"



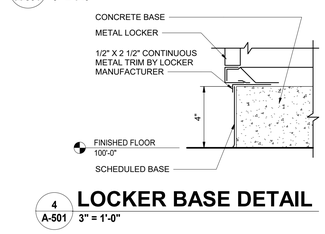
LOCKER CLOSURE DETAIL

5B / A-501 — 3" = 1'-0"



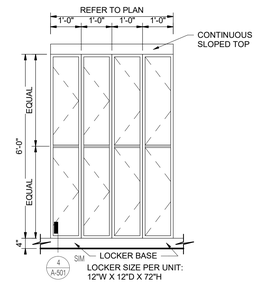
LOCKER CLOSURE DETAIL

5A / A-501 — 3" = 1'-0"



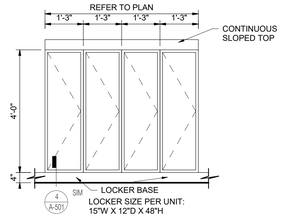
LOCKER BASE DETAIL

4 / A-501 — 3" = 1'-0"



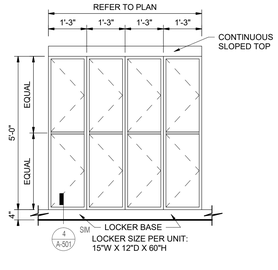
LOCKER ELEVATION TYPE C

3 / A-501 — 1/2" = 1'-0"



LOCKER ELEVATION TYPE B

2 / A-501 — 1/2" = 1'-0"



LOCKER ELEVATION TYPE A

1 / A-501 — 1/2" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROSSER
REGISTERED
NO.
AR11600005
STATE OF
INDIANA
ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

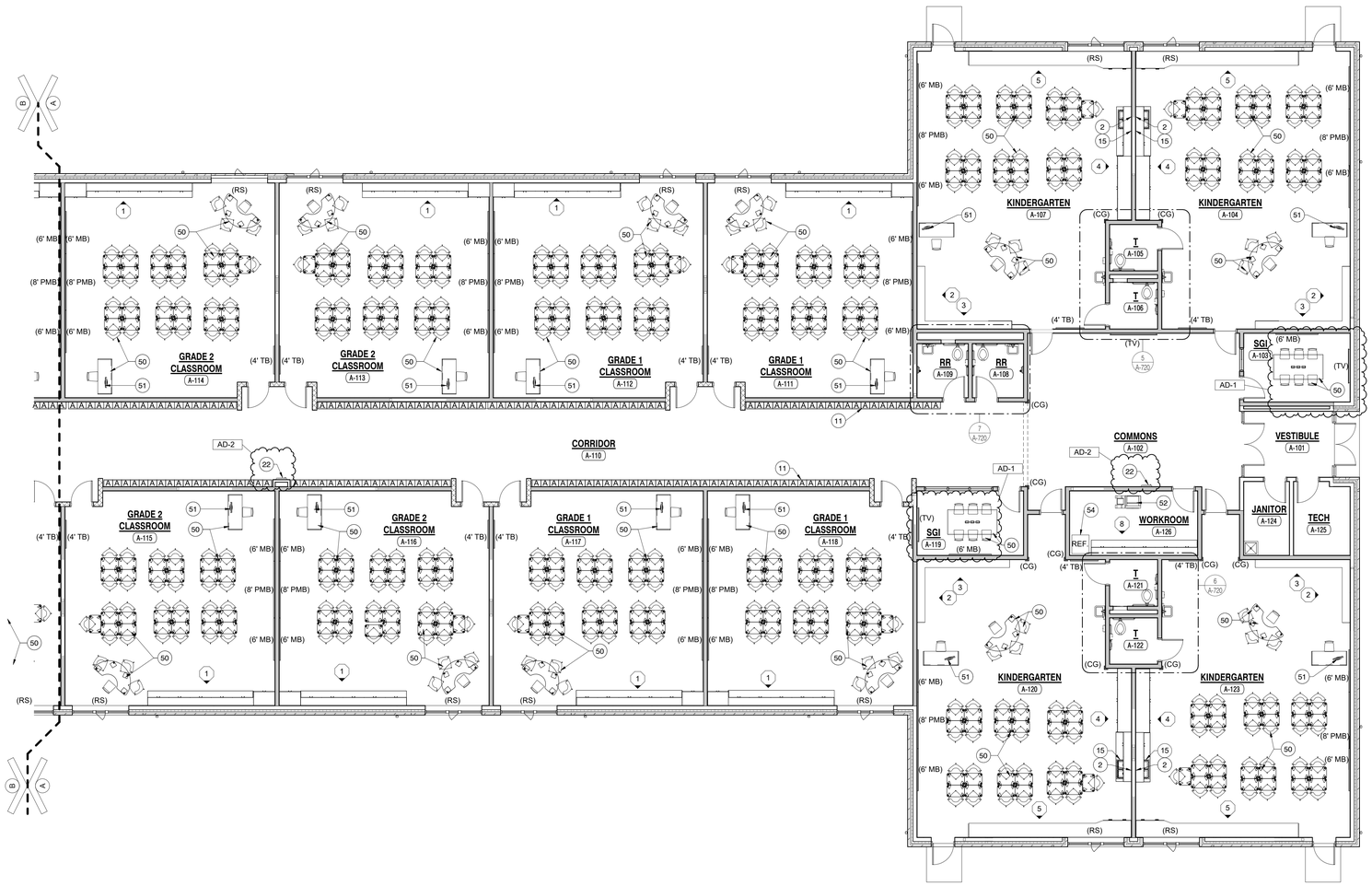
DRAWING
TYPICAL DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
A-501

4/21/2022 2:09:59 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



1 A-701 **UNIT "A" FIRST FLOOR EQUIPMENT PLAN**
1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

- (--) INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- ------ INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- – – – INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- ⌐ (CG) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (TV) TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK, REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS

D. REFER TO G-301 FOR MOUNTING HEIGHTS

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14/A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13/A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE — 1/A-501, 2/A-501, 3/A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED).
13. BLEACHERS. REFER TO BLEACHER KEY NOTES.
14. DROP BOX. VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK. REFER TO CASEWORK AND PLUMBING DRAWINGS.
16. CHAIR RAIL — 6/A-501
17. COURT MARKINGS AND EQUIPMENT — 1/A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET — 15/A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

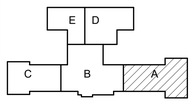
50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
60. CLOTHES WASHER, BY OWNER.
61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

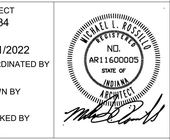


KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
MLR



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

DRAWING
UNIT "A" FIRST FLOOR EQUIPMENT PLAN

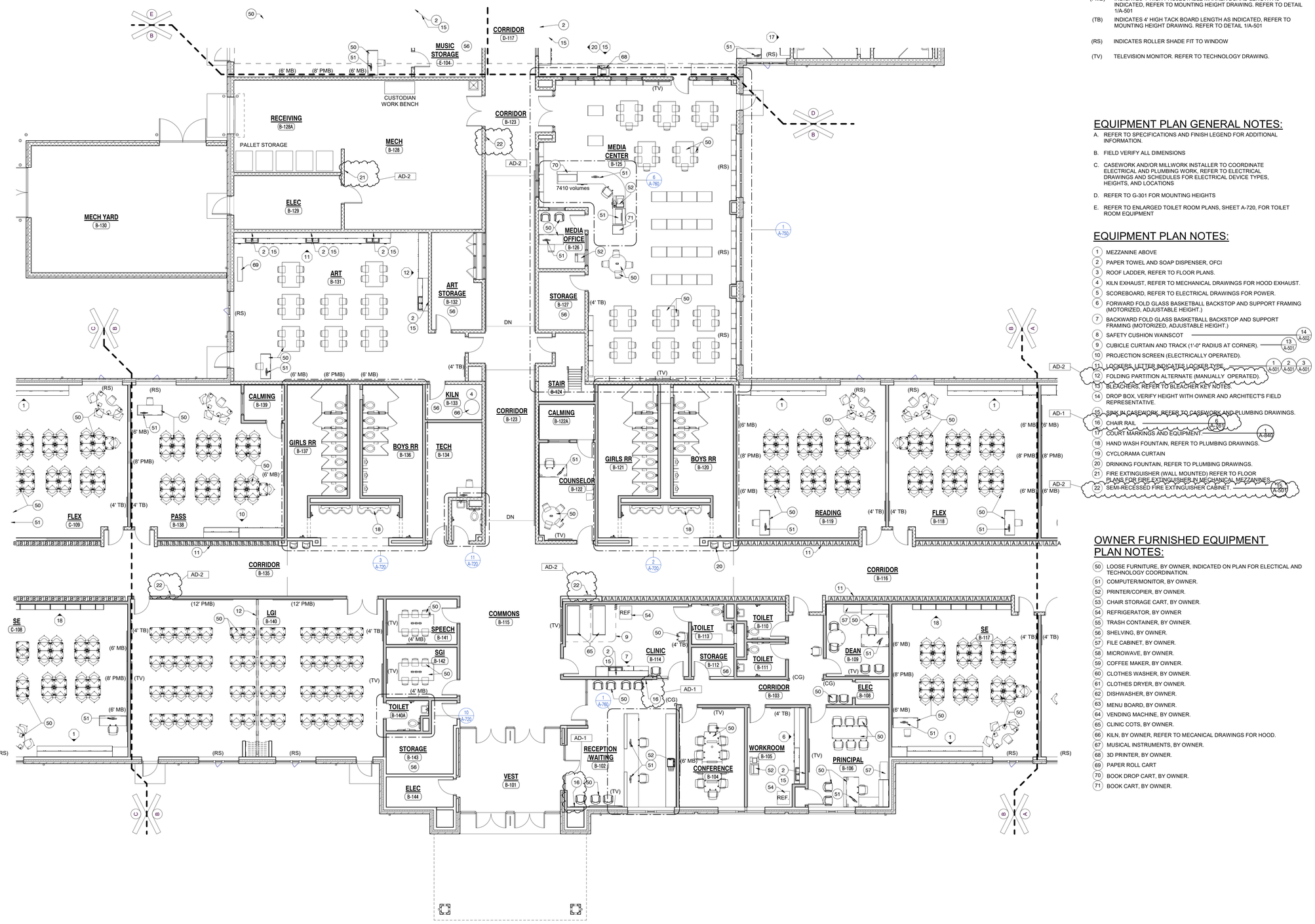
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

A

SHEET
A-701

4/21/2022 1:28:34 PM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonWBEAB.rvt



1 A-702 UNIT "B" FIRST FLOOR EQUIPMENT PLAN

1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

- (--) INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (TV) TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS

D. REFER TO G-301 FOR MOUNTING HEIGHTS

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14/A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13/A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE — 1/A-501, 2/A-501, 3/A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED).
13. BLEACHERS, REFER TO BLEACHER KEY NOTES.
14. DROP BOX, VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS.
16. CHAIR RAIL — 8/A-501
17. COURT MARKINGS AND EQUIPMENT. — 1/A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES.
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET. — 15/A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
60. CLOTHES WASHER, BY OWNER.
61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
MLR

NICHOLE L. ROSELLE — NO. AR11600005 — STATE OF INDIANA — REGISTERED ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

DRAWING
UNIT "B" FIRST FLOOR EQUIPMENT PLAN

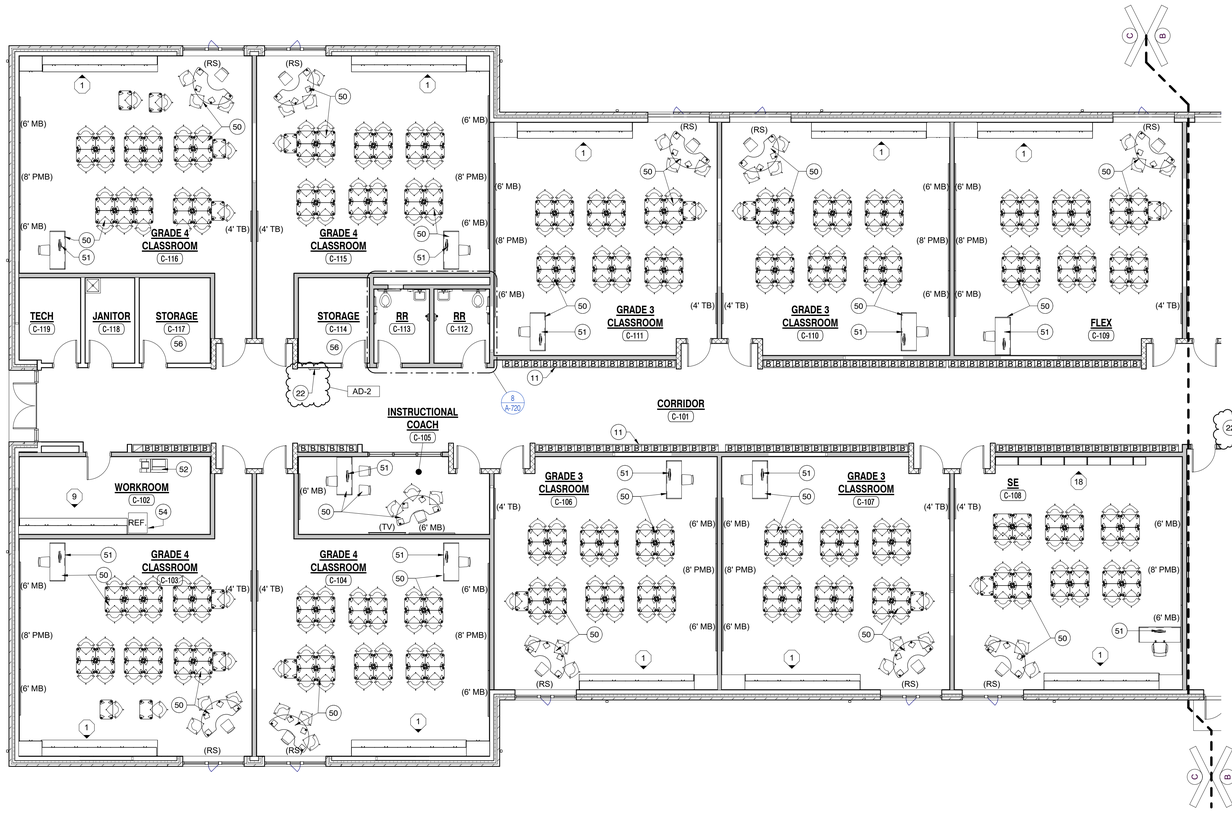
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

B

SHEET
A-702

4/21/2022 1:47:10 PM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonWBEAB.rvt



1 UNIT "C" FIRST FLOOR EQUIPMENT PLAN
A-703 1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

(→)	INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL – REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- - - -	INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
– – –	INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
(CG)	INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
(MB)	INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
(PMB)	INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
(TB)	INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
(RS)	INDICATES ROLLER SHADE FIT TO WINDOW
(TV)	TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK, REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS

D. REFER TO G-301 FOR MOUNTING HEIGHTS

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14 A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13 A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE. — AD-2 — 1 A-501, 2 A-501, 3 A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED).
13. BLEACHERS, REFER TO BLEACHER KEY NOTES.
14. DROP BOX, VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS. — AD-1
16. CHAIR RAIL — 6 A-701
17. COURT MARKINGS AND EQUIPMENT — A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES — AD-2 — 15 A-201
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET.

OWNER FURNISHED EQUIPMENT PLAN NOTES:

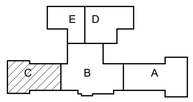
50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
60. CLOTHES WASHER, BY OWNER.
61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY CLN
CHECKED BY MLR

MICHAEL L. RUSSELL — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

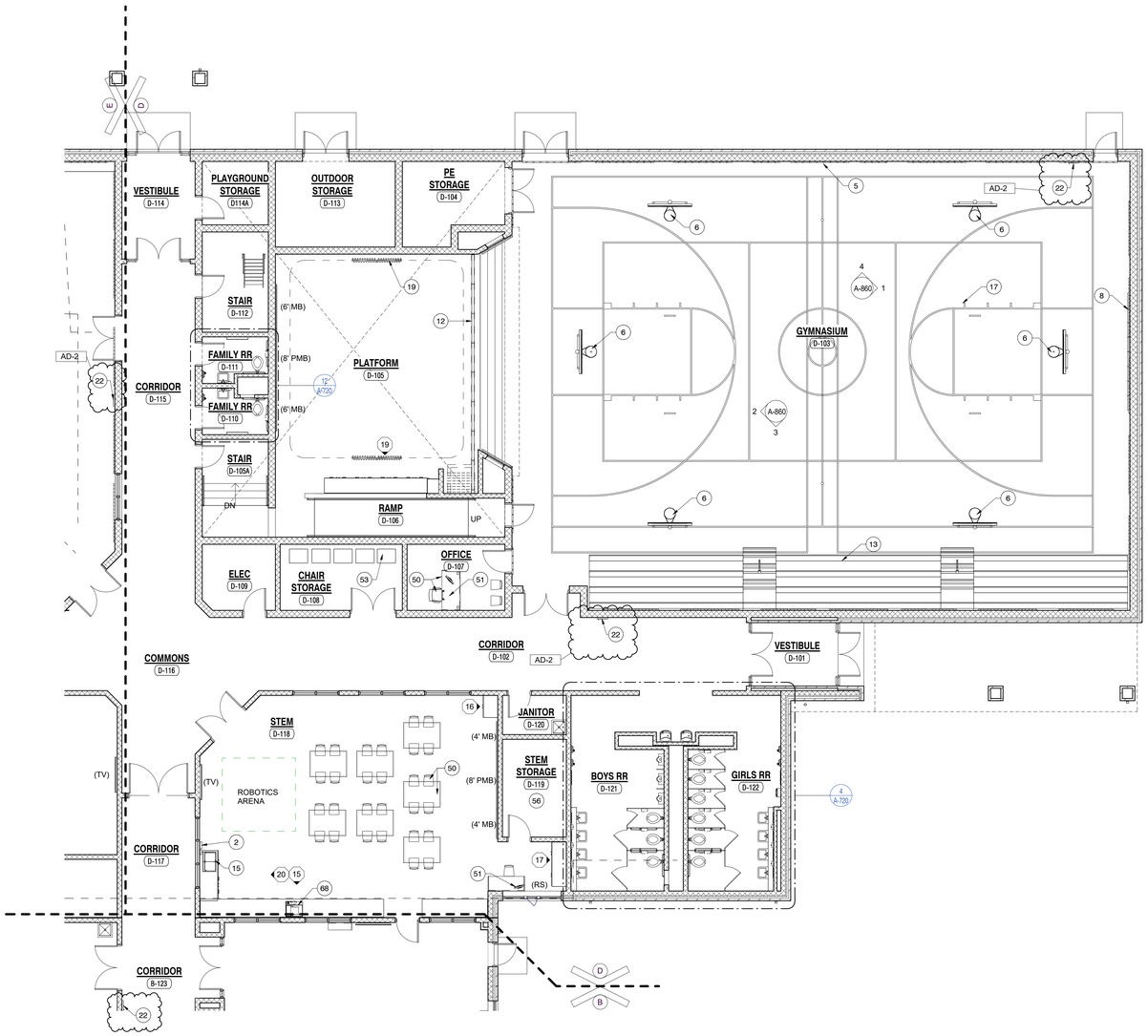
DRAWING
UNIT "C" FIRST FLOOR EQUIPMENT PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C
A-703

4/21/2022 1:31:36 PM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonWBEAB.rvt



1 UNIT "D" FIRST FLOOR EQUIPMENT PLAN
A-704 1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

- → INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- ------ INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- – – – INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (TV) TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK, REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS

D. REFER TO G-301 FOR MOUNTING HEIGHTS

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14 / A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13 / A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE. — 1 / A-501, 2 / A-501, 3 / A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED).
13. BLEACHERS, REFER TO BLEACHER KEY NOTES.
14. DROP BOX, VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS.
16. CHAIR RAIL — 6 / A-701
17. COURT MARKINGS AND EQUIPMENT — 1 / A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES.
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET — 15 / A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
60. CLOTHES WASHER, BY OWNER.
61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

BLEACHER KEY NOTES: APPLIES TO THIS SHEET ONLY

A. BLEAHERS (1 LOCATIONS)
1. WALL ATTACHED.
2. TELESCOPING BLEACHERS.
3. ELECTRICALY OPERATED.

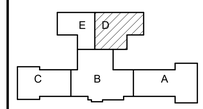
GENERAL BLEACHER NOTE:
LAYOUT OF BLEACHERS IS NOT INTEDED TO RESTRICT THE BLEACHER MANUFACTURER, BUT IS TO PROVIDE DESIGN LAYOUT GUIDELINES. THE MANUFACTURER HAS FLEXIBILITY IN ADA LOCATIONS, AISLE SPACING, SECTIONS, ETC.
AS APPROVED BY THE ARCHITECT THROUGH SHOP DRAWING SUBMITTALS.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY CLN
CHECKED BY MLR

MICHAEL L. ROSCHELL — STATE OF INDIANA — AR11600005 — ARCHITECT — ND

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

DRAWING
UNIT "D" FIRST FLOOR EQUIPMENT PLAN

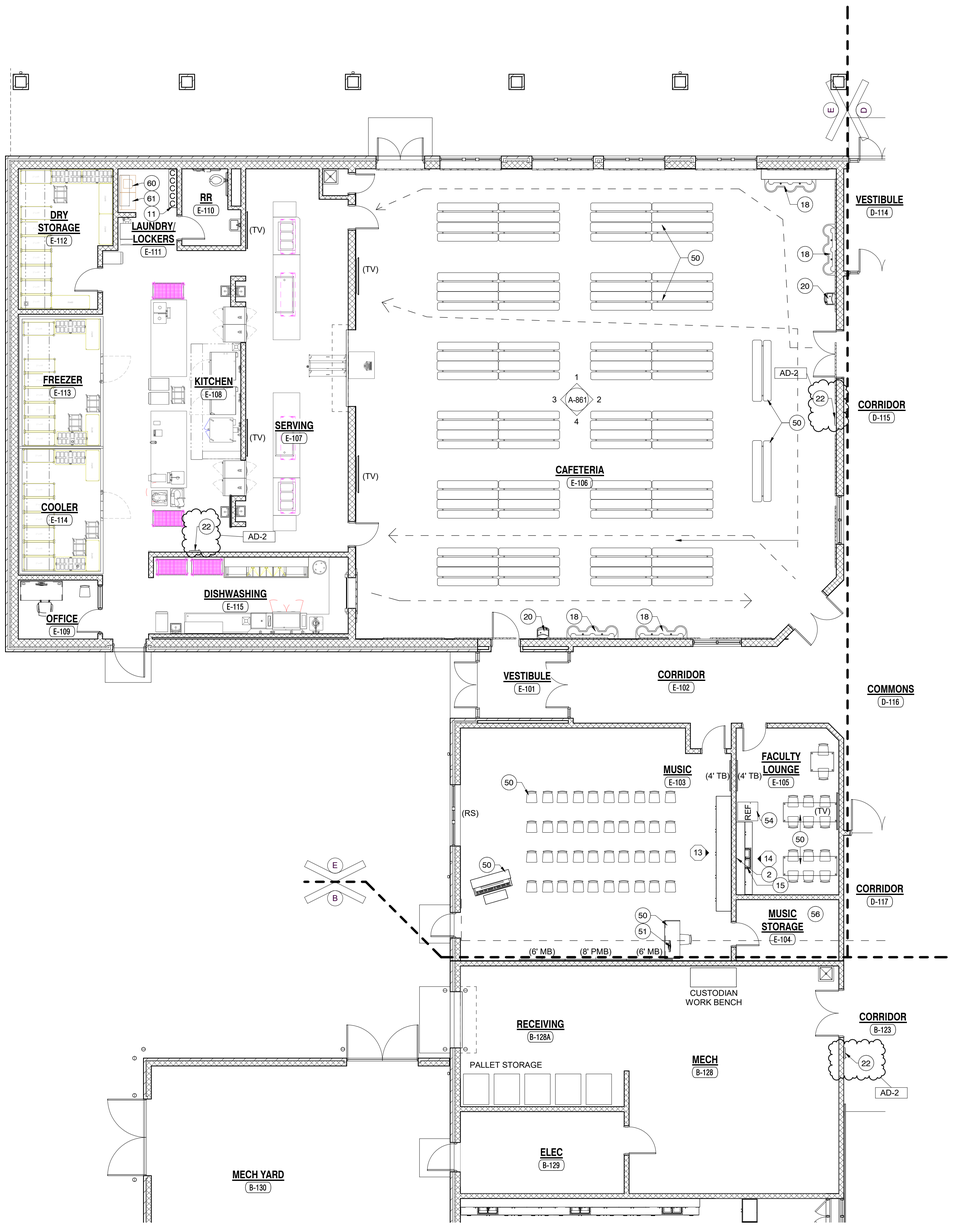
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

D

SHEET A-704

4/21/2022 1:33:15 PM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonVBEAB.rvt



1 A-705 **UNIT "E" FIRST FLOOR EQUIPMENT PLAN**
1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

- (--) INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (TV) TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS

D. REFER TO G-301 FOR MOUNTING HEIGHTS

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14/A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13/A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE. — 1/A-501, 2/A-501, 3/A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED). — AD-2
13. BLEACHERS, REFER TO BLEACHER KEY NOTES
14. DROP BOX, VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS. — AD-1
16. CHAIR RAIL — 6/A-501
17. COURT MARKINGS AND EQUIPMENT — 1/A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES.
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET. — AD-2 — 15/A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

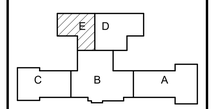
50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
60. CLOTHES WASHER, BY OWNER.
61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY CLN
CHECKED BY MLR

MICHAEL L. ROUSEY — NO. AR11600005 — STATE OF INDIANA — REGISTERED ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

DRAWING
UNIT "E" FIRST FLOOR EQUIPMENT PLAN

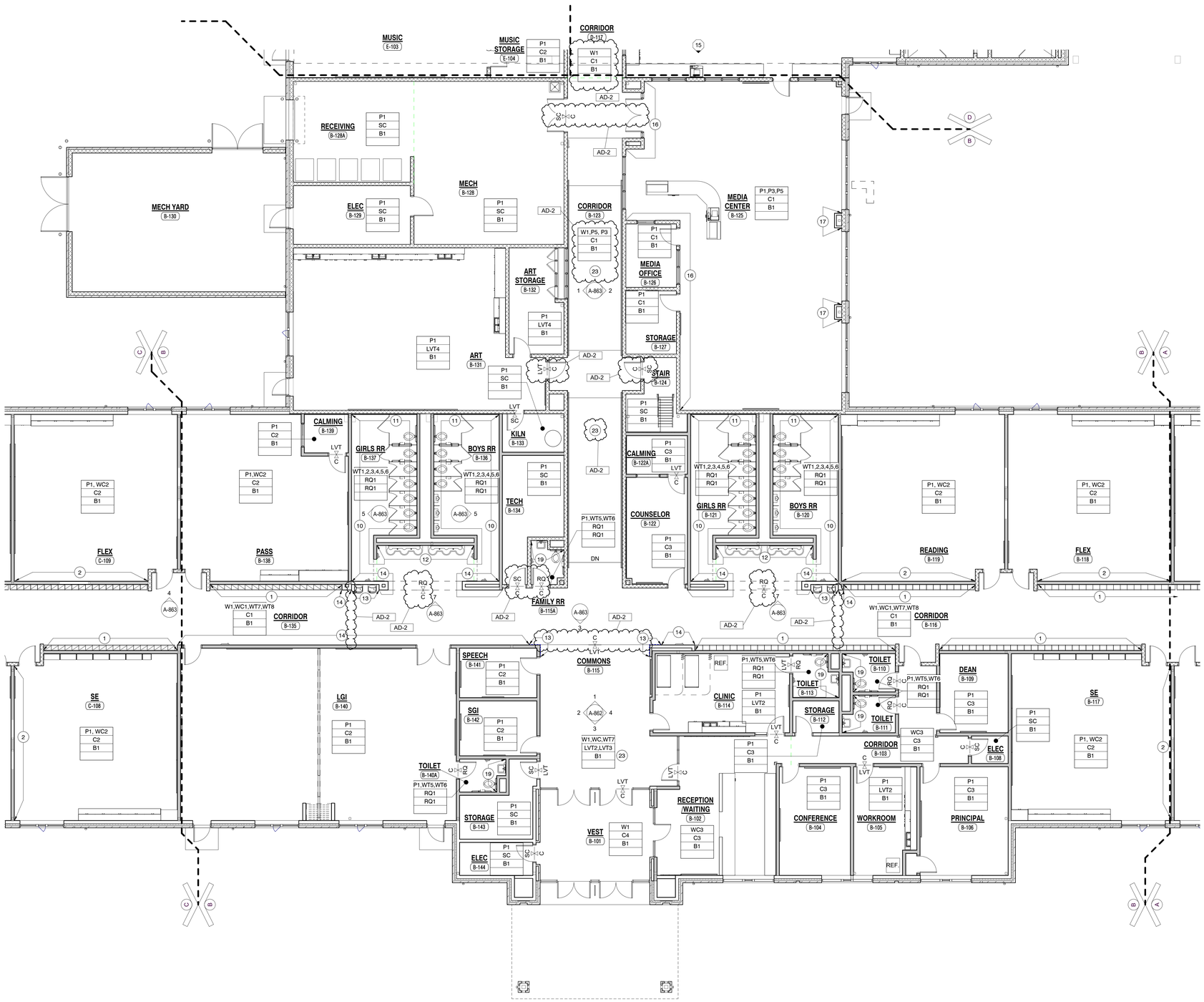
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

E

SHEET A-705

4/21/2022 1:34:57 PM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonWBEAB.rvt



UNIT "B" FIRST FLOOR FINISH PLAN

1 A-802 1/8" = 1'-0"

GENERAL NOTES

A. PRIOR TO INSTALLATION OF NEW FINISHES, CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE, THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

B. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.

C. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIALS, INCLUDING NOTATION OF MATERIAL DIRECTION.

D. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

E. FOR FLOOR FINISH TRANSITION DETAILS, REFER TO 11/A-501. FOR GYMNASIUM FLOOR BASE FLOOR TRANSITIONS, REFER TO 12/A-501

F. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON FINISH PLAN. WHERE NONE ARE NOTED, CONTRACTOR TO VERIFY REQUIRED TYPE/COLOR WITH DESIGNER.

G. SEE SHEET A-820 FOR FINISH LEGEND AND ADDITIONAL INFORMATION.

H. PAINT ALL DOOR FRAMES P7- ALL SIDES UNLESS NOTED OTHERWISE.

I. EXPOSED DUCTWORK AND PIPING TO BE PAINTED TO MATCH ADJACENT SURFACES, UNLESS NOTED OTHERWISE.

J. REFER TO REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

K. REFER TO PROJECT MANUAL FOR FINISH LEVEL REQUIREMENTS FOR GYPSUM BOARD SURFACES, UNLESS OTHERWISE INDICATED.

FINISH SYMBOL LEGEND

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

C1 / VT1 — FLOOR MATERIAL TRANSITION

PLAN NOTES

1. WALLCOVERING OVER 1/8" TACKABLE WALL.
2. WALLCOVERING OVER 1/4" TACKABLE WALL.
3. ACOUSTICAL PANEL, SEE INTERIOR ELEVATIONS
4. METAL EDGE TRIM TO END TACKABLE WALL.

FINISH NOTES

10. WALL TILE PATTERN, REFER TO 5/A-863
11. WALL TILE, WT1 ONE COLOR TILE ONLY. REFER TO 6/A863 FOR TILE PATTERN.
12. WALL TILE, WT2 - INSTALL TILE PATTERN STACKED.
13. WALL TILE, WT7
14. WALL TILE, WT8
15. WALLCOATING, W7
16. PAINT, P3
17. PAINT, P5
18. WALLCOATING, W5
19. WALL TILE PATTERN, REFER TO 6/A-863
20. WALL TILE 6, WT6, REFER TO 8/A-863
21. WALLCOATING, W7
22. DIGITAL WALL GRAPHIC, WC4
23. SEE FLOOR PATTERN PLAN. 1/A-830
24. WALL TILE, WT8 WITH WALLCOATIONG W1 ABOVE. SEE ELEVATION 3/A-863 FOR PATTERN.
25. STAIR TREADS AND RISERS, ST

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN — NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY CLN
CHECKED BY NAS

MICHAEL L. ROUSEY — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

DRAWING
UNIT "B" FIRST FLOOR FINISH PLAN

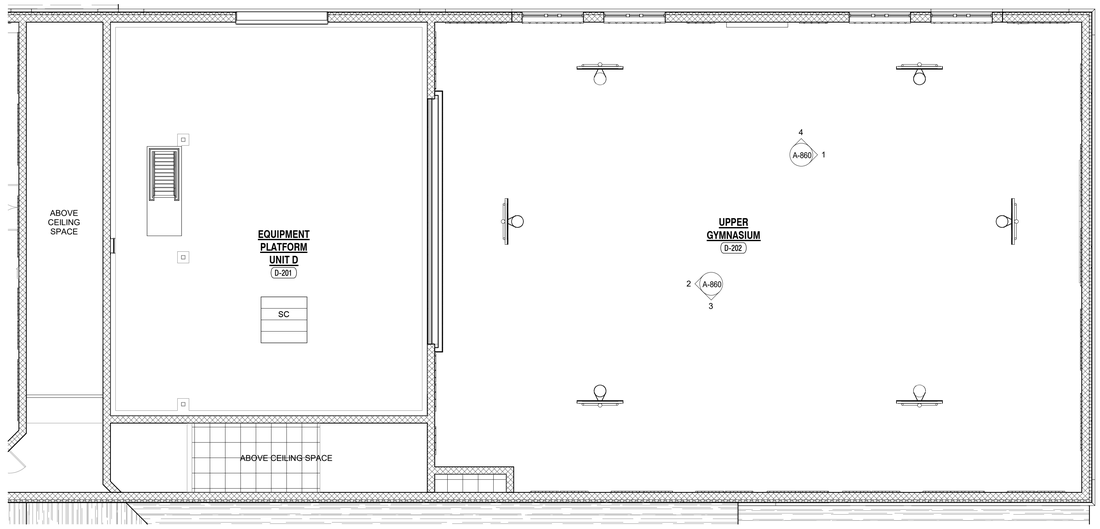
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

B

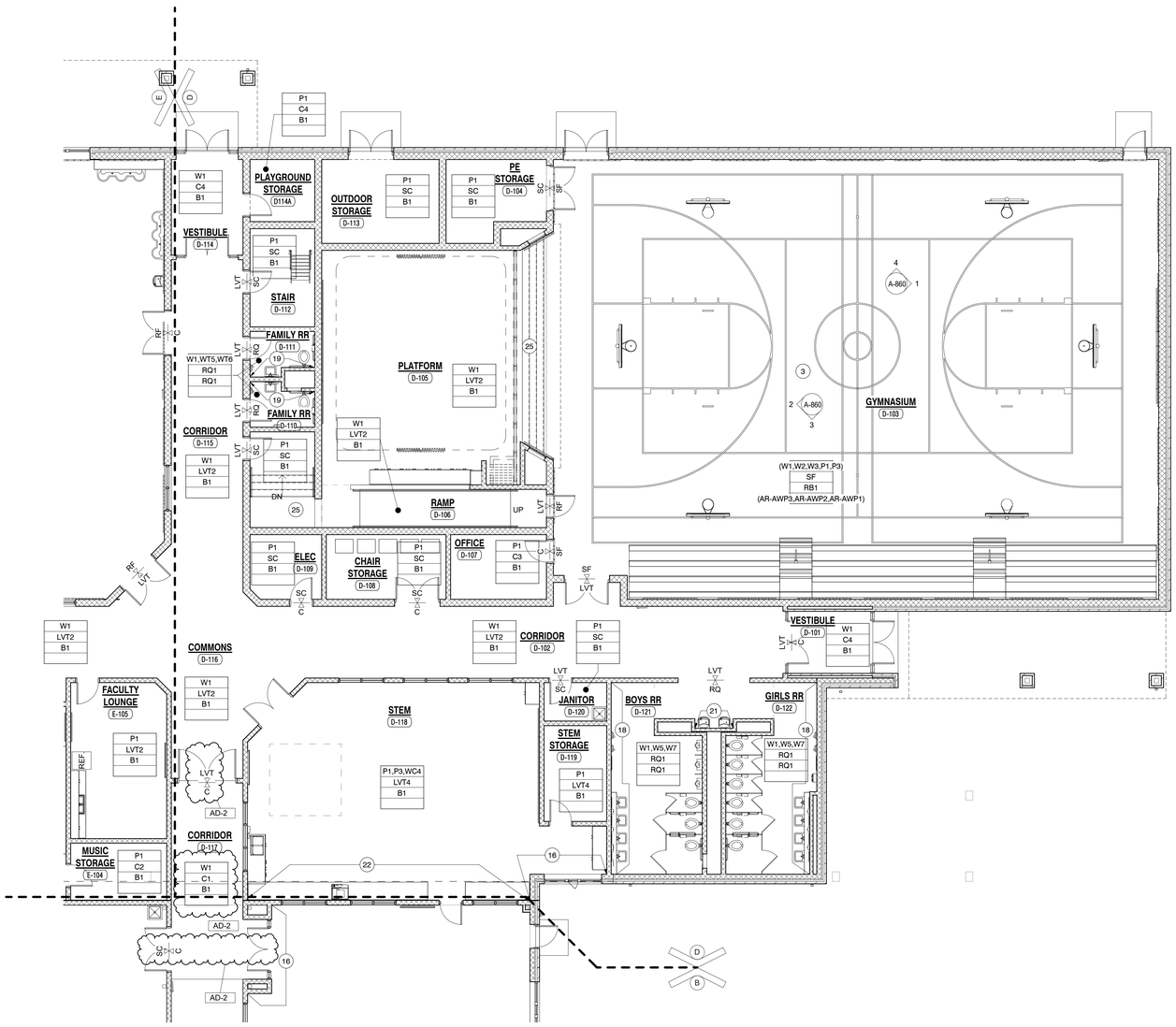
SHEET A-802

4/21/2022 4:30:01 PM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonWBEAB.rvt



2 A-804 UNIT D MEZZANINE & CLERESTORY PLAN

1/8" = 1'-0"



1 A-804 UNIT "D" FIRST FLOOR FINISH PLAN

1/8" = 1'-0"

GENERAL NOTES

A. PRIOR TO INSTALLATION OF NEW FINISHES, CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE, THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

B. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.

C. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIALS, INCLUDING NOTATION OF MATERIAL DIRECTION.

D. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

E. FOR FLOOR FINISH TRANSITION DETAILS, REFER TO 11/A-501. FOR GYMNASIUM FLOOR BASE FLOOR TRANSITIONS, REFER TO 12/A-501

F. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON FINISH PLAN. WHERE NONE ARE NOTED, CONTRACTOR TO VERIFY REQUIRED TYPE/COLOR WITH DESIGNER.

G. SEE SHEET A-820 FOR FINISH LEGEND AND ADDITIONAL INFORMATION.

H. PAINT ALL DOOR FRAMES P7- ALL SIDES UNLESS NOTED OTHERWISE.

I. EXPOSED DUCTWORK AND PIPING TO BE PAINTED TO MATCH ADJACENT SURFACES, UNLESS NOTED OTHERWISE.

J. REFER TO REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

K. REFER TO PROJECT MANUAL FOR FINISH LEVEL REQUIREMENTS FOR GYPSUM BOARD SURFACES, UNLESS OTHERWISE INDICATED.

FINISH SYMBOL LEGEND

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

C1 / VT1 — FLOOR MATERIAL TRANSITION

PLAN NOTES

1. WALLCOVERING OVER 1/8" TACKABLE WALL.
2. WALLCOVERING OVER 1/4" TACKABLE WALL.
3. ACOUSTICAL PANEL, SEE INTERIOR ELEVATIONS
4. METAL EDGE TRIM TO END TACKABLE WALL.

FINISH NOTES

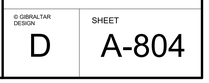
10. WALL TILE PATTERN, REFER TO 5/A-863
11. WALL TILE, WT1 ONE COLOR TILE ONLY. REFER TO 6/A863 FOR TILE PATTERN.
12. WALL TILE, WT2 - INSTALL TILE PATTERN STACKED.
13. WALL TILE, WT7
14. WALL TILE, WT8
15. WALLCOATING, W7
16. PAINT, P3
17. PAINT, P5
18. WALLCOATING, W5
19. WALL TILE PATTERN, REFER TO 6/A-863
20. WALL TILE 6, WT6, REFER TO 8/A-863
21. WALLCOATING, W7
22. DIGITAL WALL GRAPHIC, WC4
23. SEE FLOOR PATTERN PLAN. 1/A-830
24. WALL TILE, WT8 WITH WALLCOATIONG W1 ABOVE. SEE ELEVATION 3/A-863 FOR PATTERN.
25. STAIR TREADS AND RISERS, ST

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
NAS

MICHAEL L. ROUSEY — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. THEY SHALL NOT BE REPRODUCED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

DRAWING
UNIT "D" FIRST FLOOR FINISH PLAN / UNIT D MEZZANINE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

D

SHEET
A-804

4/21/2022 4:39:43 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt

FINISH LEGEND

SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
CEILING MATERIALS							
	ACT1	ACOUSTICAL CEILING TILE	ARMSTRONG	FINE FISSURED	1728 WHITE	24" X 24"	WITH HUMIGUARD PLUS
	ACT2	ACOUSTICAL CEILING TILE	ARMSTRONG	VINYL FACED	868 WHITE	24" X 24"	VINYL FACED WITH HUMIGUARD PLUS
	ACT3	ACOUSTICAL CEILING TILE	ARMSTRONG	VINYL FACED	868 WHITE	24" X 24"	VINYL FACED WITH HUMIGUARD PLUS / ALUMINUM GRID
	ACT4	ACOUSTICAL CEILING TILE	ARMSTRONG	METAL WORKS CLIP ON	AD-2 EFFECTS MACADAMIA	24" X 24"	PERIMETER TRIM SHALL BE BLACK
	P8	PAINT	SHERWIN WILLIAMS	SW7007			
	P9	PAINT	SHERWIN WILLIAMS	--	BLACK		
WALL BASE							
	B1	RESILIENT BASE	TARKETT	COVE	GATEWAY GW TA4	4" H	
	TB1	TILE BASE	TBD	TBD	TBD	5" H	
	QT	QUARRY TILE BASE	AMERICAN OLEAN	FLASHED	FIRE FLASH N02	6" H	
	RB1	RESILIENT BASE	TARKETT	MILLWORK REVEAL	AD-2 GATEWAY TA4	8" H	
	RQ	POURED RESINOUS EPOXY BASE	SHERWIN WILLIAMS - GENERAL POLYMERS	1/4" RESURLOR DECO QUARTZ	MIDNIGHT	5" H	
AD-2 **FLOOR MATERIALS**							
NOTE # 1							
C1	C1a	CARPET TILE	TARKETT	SQUAREUP 04990	ELECTRICITY 71604	24" X 24"	INSTALL: VERTICAL ASHLAR
	C1b	CARPET TILE	MANNINGTON	HUB MODULAR	CUSTOM	24" X 24"	SIX (6) COLOR YARN ADDED
C2	C2a	CARPET TILE	TARKETT	2ND POWER 04987	ELECTRICITY 71604	24" X 24"	INSTALL: VERTICAL ASHLAR
	C2b	CARPET TILE	MANNINGTON	MAINBOARD MODULAR	CUSTOM	24" X 24"	SIX (6) COLOR YARN ADDED
C3	C3a	CARPET TILE	TARKETT	EPITOME 11204	PORTSIDE 36901	24" X 24"	INSTALL: VERTICAL ASHLAR
	C3b	CARPET TILE	MANNINGTON	QUADRANT	INTERVAL 14587	24" X 24"	
C4	C4a	WALK OFF CARPET TILE	TARKETT	ASSERTIVE RIB 04838	BLACKSMITH 26203	24" X 24"	INSTALL: QUARTER TURN
	C4b	WALK OFF CARPET TILE	MANNINGTON	FORCE	KINETIC 11360	18" X 36"	
LVT1	LVTa	LUXURY VINYL TILE	TARKETT	COLOR POP	DANDELION G131	18" X 18"	
	LVTb	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - GRID	--		
LVT2	LVTa	LUXURY VINYL TILE	TARKETT	COLOR POP	SAND DOLLAR C147	18" X 18"	
	LVTb	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - GRID	FLASH CHARCOAL ALG107	18" X 18"	
LVT3	LVTa	LUXURY VINYL TILE	TARKETT	COLOR POP	SEA SALT C145	18" X 18"	
	LVTb	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - GRID	POP CHARCOAL ALG407	18" X 18"	
LVT4	LVTa	LUXURY VINYL TILE	TARKETT - CONTOUR	MESHWORK	PUMICE 10184	12" X 36"	INSTALL: VERTICAL ASHLAR
	LVTb	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - CRISSCROSS	FLASH ALC101	6" X 36"	
	QT	QUARRY TILE	AMERICAN OLEAN	FLASHED	FIRE FLASH N02		
	SF	SPORTS FLOORING	MONDO	ADVANCE NEW GENERATION	DARK MAPLE		
	RF1	POURED RESINOUS EPOXY FLOORING	SHERWIN WILLIAMS - GENERAL POLYMERS	1/4" RESUFLOR DECO FLAKE	BLUE SHADOW		
	RQ1	POURED RESINOUS EPOXY FLOORING	SHERWIN WILLIAMS - GENERAL POLYMERS	1/4" RESUFLOR DECO QUARTZ	MIDNIGHT		
	SC	SEALED CONCRETE			--	--	
	TZ1	EPOXY TERRAZZO	--	TM 15-2527	--	--	ALT BID. NOTE # 3
	TZ2	EPOXY TERRAZZO	--	TM 117	--	--	ALT BID.
	TZ3	EPOXY TERRAZZO	--	TM 22-310 (WITHOUT GLASS)	--	--	ALT BID.
	TZ4	EPOXY TERRAZZO		25%GEORGIA WHITE #1, 35%GEORGIA WHITE #2, 10%BLACK STALLION #1, 15% GLACEIR GRAY #2, 5% BEIGE GRAY BLEIGE BLEND #2, 10% T&M CRIMSON #1			ALT BID.
	TZ5	EPOXY TERRAZZO		30% REBEL GRAY #1, 30% REBEL GRAY #2, 20% ASH GRAY # 1, 20% ASH GRAY #2			ALT BID.
WALL MATERIALS							
	P1	PAINT	SHERWIN WILLIAMS		AGREEABLE GRAY SW7029		
	P2	PAINT	SHERWIN WILLIAMS		MINDFUL GRAY SW7016	--	
	P3	PAINT	SHERWIN WILLIAMS		DORIAN GRAY SW7017	--	
	P4	PAINT	SHERWIN WILLIAMS		CRUSHED ICE SW7647	--	
	P5	PAINT	SHERWIN WILLIAMS		BUTTERFIELD SW6676	--	
	P6	PAINT	SHERWIN WILLIAMS		CUSTOM COLOR	--	
	P7	PAINT	SHERWIN WILLIAMS		GAUNTLET GRAY SW7019	--	
	P8	PAINT	SHERWIN WILLIAMS		--	--	
	P9	PAINT	SHERWIN WILLIAMS		--	--	
	P10	PAINT	SHERWIN WILLIAMS		USEFULL GRAY SW7050	--	
	W1	WALLCOATING	SHERWIN WILLIAMS		AGREEABLE GRAY SW7029	--	
	W2	WALLCOATING	SHERWIN WILLIAMS		MINDFUL GRAY SW7016	--	
	W3	WALLCOATING	SHERWIN WILLIAMS		DORIAN GRAY SW7017	--	
	W4	WALLCOATING	SHERWIN WILLIAMS		CRUSHED ICE SW7647	--	
	W5	WALLCOATING	SHERWIN WILLIAMS		BUTTERFILED SW6676	--	
	W6	NOT USED				--	
	W7	WALLCOATING	SHERWIN WILLIAMS		GAUNTLET GRAY SW7019	--	
	WC1	WALLCOVERING	D.L.COUCH - MOMENTUM	WHAT THE HEMP	GRAPH GRAY AZ53276WP	--	
	WC2	WALLCOVERING	MDC	LEN-TEX, UNIFY	HOURGLASS 7823UN	--	
	WC3	WALLCOVERING	MDC	LEN-TEX, LOOMINOUS	ENTWINE 7439LO	--	
	WC4	GRAPHIC WALLCOVERING	MDC	CUSTOM VINYL SUEDE FINISH	CUSTOM	NOTE # 2	
	GFCMU	GROUNDFACE BLOCK			--	--	ALT. FIELD-APPLIED CLEAR SEALER
	WT1	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	CALM AOT35	3" X 6"	
	WT2	WALL TILE	WOW - SUBWAY LAB	GLOSS	CANALE M PEARL	3" X 6"	
	WT3	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	PASSION AOT19	3" X 6"	
	WT4	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	STORM GRAY AOT40	3" X 6"	
	WT5	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	DEPENDABLE AOT53	3" X 6"	
	WT6	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	STABLE AOT55	3" X 6"	
	WT7	WALL TILE	CROSSVILLE	SHADES 2.0	HAZE SHD47 SPO	24" X 24"	
	WT8	WALL TILE	CROSSVILLE	SHADES 2.0	CLAY SHD45 PTN	12" X 24"	
SURFACE MATERIALS							
	PL1	PLASTIC LAMINATE	FORMICA	MATTE	SARUM TWILL 8827-58	--	
	PL2	PLASTIC LAMINATE	NEVAMAR	TEXTURED	PHANTOM GRAY MATRIX MR6007-T	--	
	PL3	PLASTIC LAMINATE	FORMICA	MATTE	FOLKSTONE GRAFIX 507-58	--	
	PL4	PLASTIC LAMINATE	FORMICA	MATTE	NEW BURGUNDY 7966-58	--	
	PL5	PLASTIC LAMINATE	PIONITE	TEXTURED / SUEDE	GRAVEYARD OF THE ATLANTIC AG611	--	
	PL6	PLASTIC LAMINATE	NEVAMAR	TEXTURED	STUDIO WHITE MATRIX MR7001T	--	
	PL7	PLASTIC LAMINATE	WILSONART	MATTE	CARBON EV 4820-60	--	
	PL8	PLASTIC LAMINATE	NEVAMAR	TEXTURED	CINDER GRAY MATRIX MR6006T		
	PL9	PLASTIC LAMINATE	PIONITE	SUEDE	WHITE ELM WE261		
	PL10	PLASTIC LAMINATE	NEVAMAR	TEXTURED	YUNNAN WZ0063T		
	SS1	SOLID SURFACE	CORIAN	--	PEARL GRAY	--	
	SS2	SOLID SURFACE	CORIAN	--	EVEREST	--	
	SS3	SOLID SURFACE	CORIAN	--	DEEP BEDROCK		
MISCELLANEOUS							
	AR-AWP1	ACOUSTICAL PANEL		"TECTUM"	AGREEABLE GRAY SW7029	--	
	AR-AWP2	ACOUSTICAL PANEL		"TECTUM"	DORIAN GRAY SW7017	--	
	AR-AWP3	ACOUSTICAL PANEL		"TECTUM"	BUTTERFILED SW6676	--	
	FW-AWP1	ACOUSTICAL PANEL	GUILFORD OF MAINE	FR701 2100	OPAL 394	--	
	FW-AWP2	ACOUSTICAL PANEL	GUILFORD OF MAINE	FR701 2100	GREY MIX 238	--	
	FW-AWP3	ACOUSTICAL PANEL	GUILFORD OF MAINE	FR701 2100	MEDIUM GREY 298	--	
	FW-AWP4	ACOUSTICAL PANEL	GUILFORD OF MAINE	FR701 2100	SUNSHINE 797	--	
	ST	STAIR TREAD / RISERS	AD-2 TARKETT	--	GATEWAY TA4	--	
	CUB	CUBICLE CURTAIN	MAHARAM	SEMAPHORE 511442	SOLACE 001	--	
	LOC	LOCKERS	LYON	--	STONE GRAY 7030-77	--	MATCHING SLOPED TOPS
	TRIM 1	TILE TRIM 1	SCHLUTER		SATIN ANODIZED ALUMINUM	--	VERTICAL EDGE INSTALL
	TRIM 2	TILE TRIM 2	SCHLUTER		SATIN ANODIZED ALUMINUM	--	VERTICAL OUTSIDE CORNER INSTALL
	WD	WOOD DOORS	MARSHFIELD		AD-2 RED OAK CLEAR D-95	--	BASIS OF DESIGN
	ST1	WOOD FINISH	--	--	CUSTOM	--	MATCH WOOD DOOR COLOR
	TP	TOILET PARTITIONS	HINDY HIDERS	ORANGE PEEL	SHALE	--	--
	CG1	CORNER GUARD	--	--		--	
		STAGE CURTAIN	KM FABRICS	--	BLACK	--	--
		CYCLORAMA CURTAIN	KM FABRICS		BLACK		
		BLEACHER SEAT	HUSSEY SEATING		BURGUNDY 504		
AD-2	RS	WINDOW SHADE	MECHO		STONE 6018		

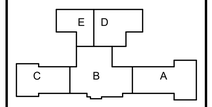
NOTES :
1. IT IS INTENDED THAT ALL FINISHES WITH MULTIPLE MANUFACTURER OPTIONS SHOULD BE BID AS AN "A" OR "B" PACKAGES ONLY.
2. CONTRACTOR TO PROVIDE FIELD MEASURMENTS. GRAPHIC FROM ARCHITECT, (2) TWO CUSTOM COLOR MATCHES, ELECTRONIC PROOF AND STRIKE-OFF SAMPLE REQUIRED FOR ARCHITECT'S APPROVAL.
3. TERRAZZO FORMULAS AND TM NUMBERS ARE PROVIDED FOR PRICING PURPOSES. CONTRACTOR TO WORK WITH ARCHITECT FOR FINAL FORMULAS; SAMPLES AND REVISIONS WILL BE REQUIRED.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
NAS

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE INTENDED FOR USE ON THIS PROJECT. NONE OF THE INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

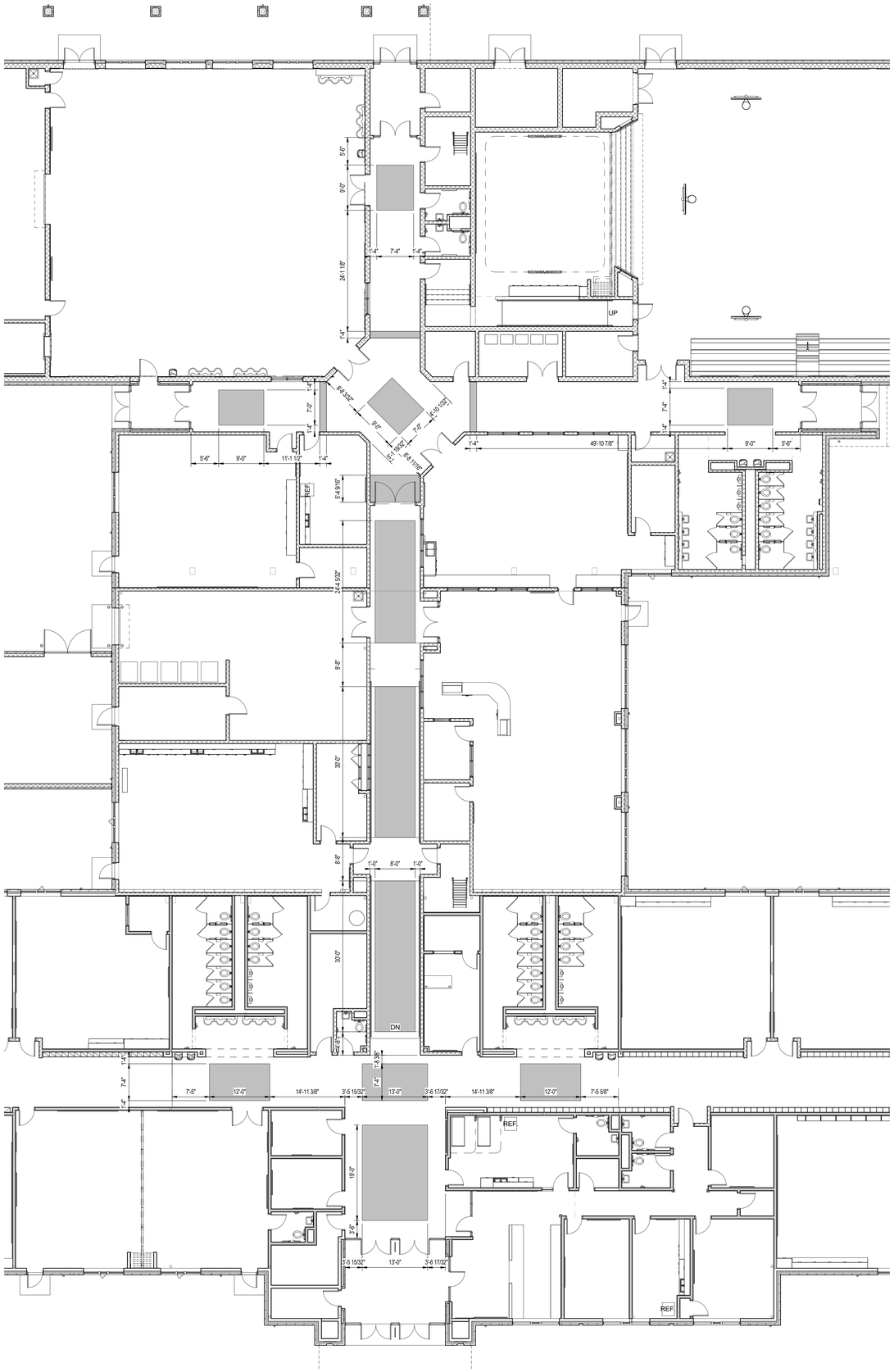
DRAWING
FINISH LEGEND AND NOTES

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
A-820

4/21/2022 4:00:35 PM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonWBEAB.rvt



1 A-831 **TERRAZZO FLOOR PATTERN - ALTERNATE**

1" = 10'-0"

GENERAL NOTES:

A. PRIOR TO INSTALLATION OF NEW FINISHES, CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE, THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

B. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.

C. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIALS, INCLUDING NOTATION OF MATERIAL DIRECTION.

D. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

E. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON FINISH PLAN. WHERE NONE ARE NOTED, CONTRACTOR TO VERIFY REQUIRED TYPE/COLOR WITH DESIGNER.

F. SEE SHEET A-820 FOR FINISH LEGEND AND ADDITIONAL INFORMATION.

FLOOR PATTERN LEGEND:

LVT2

LVT3

DIRECTION OF CARPET GRAIN

C1 / VT1 FLOOR MATERIAL TRANSITION

KEY NOTES:

1. CARPET 1, C1
2. LUXURY VINYL TILE 2, LVT2
3. LUXURY VINYL TILE 3, LVT3
4. CARPET 4, C4

GENERAL TERRAZZO NOTES:

A. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACEPTABLE THE CONTRACTOR SHALL TAKE THE NEESSARY STEPS TO RECTIFY TE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN, PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUIED THAT THE INSTALLER AND / OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINIS WORK HAS PROCEEDED.

B. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURE'S RECOMMENDED METHOD.

C. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

D. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED CONTRACTOR TO VERIFY REQUIRED TYPE / COLOR WITH DESIGNER.

E. REFERENCE FINISH LEGEND (A-820) FOR FINISH INFORMATION.

F. REFERENCE WRITTEN SPEIFICATIONS AND FINISH PLANS FOR ADDITIONAL INFORMATION.

AD-2

G. INSTALL RESILIENT BASE, B1, AT ALL NEW TERRAZZO LOCATIONS.

H. REFER TO FLOOR PLANS FOR WALL SECTIONS CUTS.

I. METAL DIVIDER STRIP AND COLOR LAYOUT PLAN SHALL BE SUBMITTED FOR REVIEW AND FINAL APPROVAL PRIOR TO INSTALLATION.

J. METAL DIVIDER STRIPS SHALL BE STAINLESS STEEL.

K. PROVIDE CRACK ISOLATION MEMBRANE UNDER ALL NEW TERRAZZO PER SPECIFICATIONS.

AD-2

L. ALL TERRAZZO SURFACES TO BE VITRIFIED.

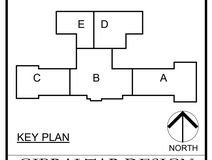
M. PATTERN PROVIDE FOR BID PURPOSES. PATTERN WILL INCLUDE 5 TERRAZZO MIXES AS INDICATED IN FINISH LEGEND A-820

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
Designer
DRAWN BY
Author
CHECKED BY
Checker

MICHAEL L. ROUSEY REGISTERED ND, AR11600005 STATE OF INDIANA ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. THEY SHALL NOT BE REPRODUCED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

DRAWING
FLOOR PATTERN PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
A-831

4/21/2022 8:48:30 AM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonWBEAB.rvt

GENERAL COURT MARKING PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.

B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELVATIONS, REFLECTED CEILING PLANS, AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.

C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITHT HE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE SIIUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

D. CONTRACTOR SHALL PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.

E. VERIFY DIMENSION AND LINE THICKNESS SHOWN WITH CURRENT INDIANA HIGH SCHOOL ATHLETIC ASSOCIATION (IHSAA) STANDARDS.

F. VERIFY FINAL LAYOUT AND FINISH COLOR WITH OWNER PRIOR TO INSTALLATION.

COURT MARKING FINISH NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

AD-2

1. 2" MAIN BASKETBALL COURT LINES- BLACK.
2. NOT USED
3. 2" VOLLEYBALL COURTLINES, MAROON
4. CENTER COURT LINES, BLACK.
5. NOT USED
6. NOT USED

AD-2

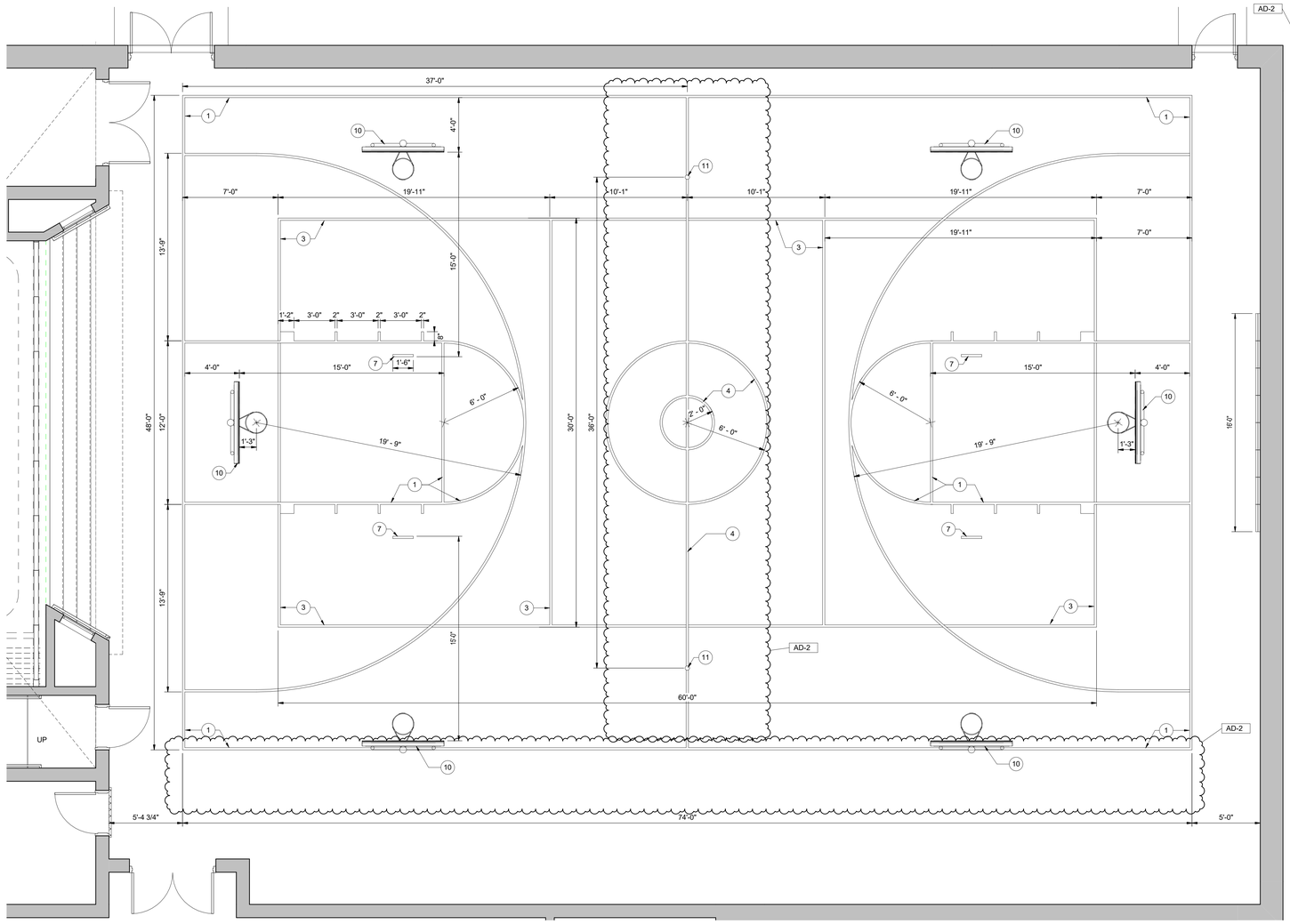
7. FREE THROW LINES CENTERED ON BASKETS, MAROON
8. PROVIDE VOLLEYBALL INSERTS, VOLLEYBALL POSTS, AND NET, BY OWNER.

PLAN NOTES

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

AD-2

10. BASKETBALL BACKSTOP REFER TO EQUIPMENT PLANS
11. FLOORPLATE/SLEEVE FOR VOLLEYBALL. — 16 / A-501



1 / A-840 GYMNASIUM D-103 ENLARGED PLAN

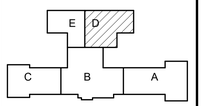
1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

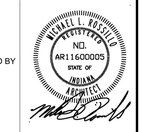


KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
EKM
CHECKED BY
NAS



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

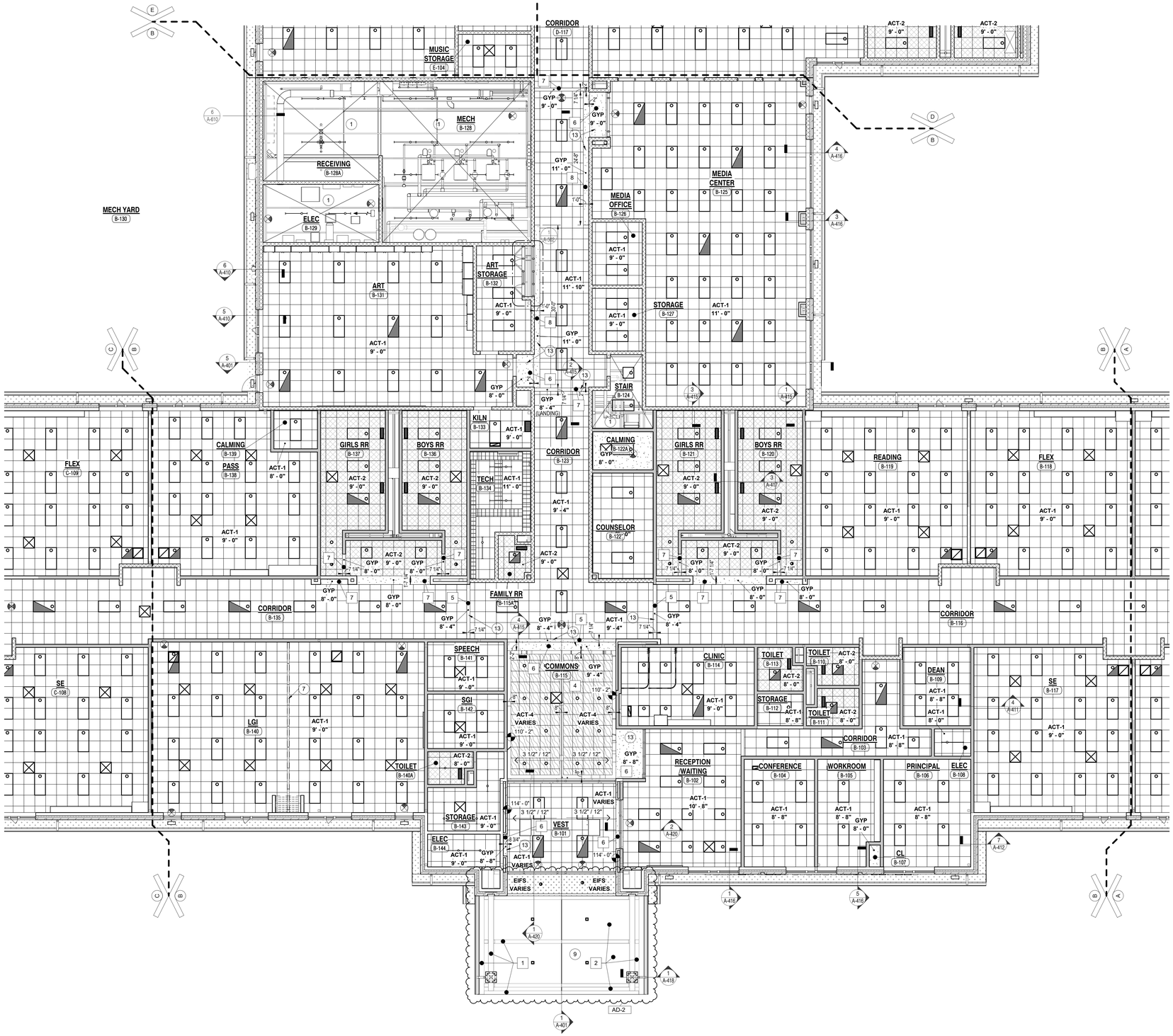
DRAWING
GYMNASIUM COURT MARKINGS PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
D
A-840

4/21/2022 8:51:44 AM
C:\Users\cnelson\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_cnelsonWBEAB.rvt



1 UNIT "B" FIRST FLOOR REFLECTED CEILING PLAN
A-902 1/8" = 1'-0"

GENERAL NOTES

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO SHEET G-301.

B. THE ARCHITECTURAL REFLECTED CEILING PLANS GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.

F. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.

G. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.

H. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.

I. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

CEILING LEGEND

- ACT-1
- ACT-2
- ACT-3
- ACT-4
- LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- EIFS SOFFIT - REFER TO ELEVATIONS FOR COLOR
- GYPSUM BOARD CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (2 / A-905) AND WALL SECTIONS

REFLECTED CEILING PLAN KEYED NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED.
2. GYM EQUIPMENT (TYPICAL), REFER TO EQUIPMENT DRAWINGS.
3. APPOXIMATE POSITION OF RETRACTED BASKETBALL GOAL.
4. CMU LINTEL AT 108'-8".
5. PROJECTION SCREEN, REFER TO TECHNOLOGY DRAWINGS AND DETAIL. — 16 / A-502
6. 4"X4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID.
7. ALTERNATE: OPERABLE PARTITION.
8. ALTERNATE: OPERABLE PARTITION. BASE BID: STAGE CURTAIN AND VALANCE.
9. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL CANOPY. REFER TO FLOOR PLAN FOR BASE BID OR ALTERNATE.
10. WOOD TRIM. — 3 / A-905
11. INSTALL CEILING GRID WITH FULL TILE ALONG THIS WALL.
12. EXHAUST HOOD, NO CEILING REQUIRED. COORDINATE EXACT SIZE AND LOCATION WITH KITCHEN AND MECHANICAL DRAWINGS.
13. GYPSUM BOARD BULKHEAD. — 2 / A-905
14. OMIT CEILING PADS OUTSIDE OF HATCHED AREAS IN THIS ROOM.
15. CMU LINTEL AT 107'-4". — AD-1

GENERAL REFLECTED CEILING FINISH NOTES:

A. UNLESS NOTED OTHERWISE, GYPSUM BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P?

B. UNLESS NOTED OTHERWISE, ALL EXPOSED STRUCTURE, DECK, MECHANICAL, AND ELECTRICAL TO BE PAINTED P?

REFLECTED CEILING FINISH NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. PAINT EXPOSED CANOPY STEEL TO MATCH FASCIA AND COPING METAL COLOR A ON ALL EXPOSED SIDES.
2. PAINT EXPOSED CANOPY DECK P10 ON ALL EXPOSED SIDES.
3. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P8 ON ALL EXPOSED SIDES.
4. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P9 ON ALL EXPOSED SIDES.
5. PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
6. PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
7. PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.
8. PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN — NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROSSILL — NO. AR11600005 — STATE OF INDIANA — REGISTERED ARCHITECT

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

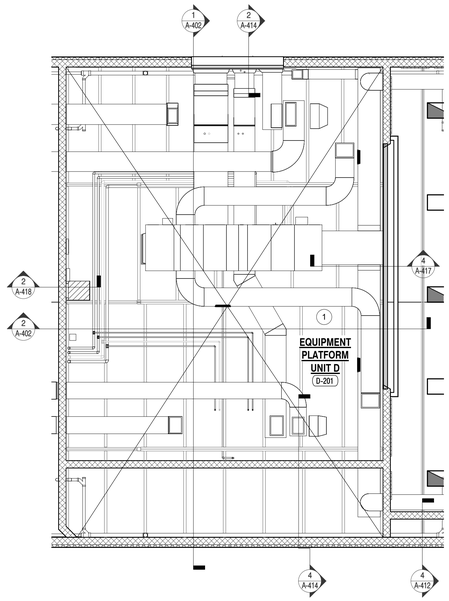
DRAWING
UNIT "B" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

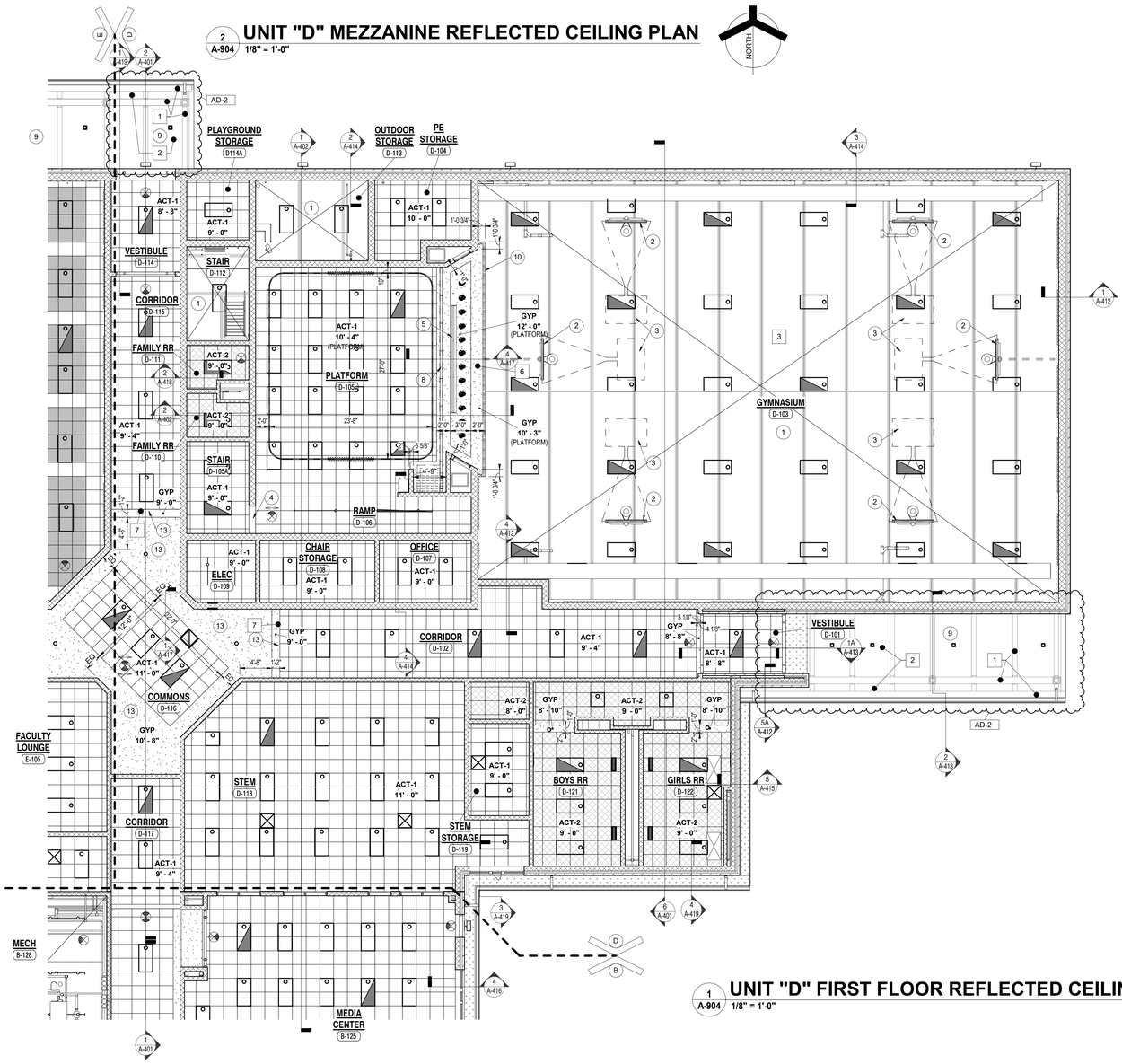
© GIBRALTAR DESIGN

SHEET
B
A-902

4/21/2022 2:46:50 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



2 A-904 UNIT "D" MEZZANINE REFLECTED CEILING PLAN
1/8" = 1'-0"



1 A-904 UNIT "D" FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL NOTES

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO SHEET G-301.

B. THE ARCHITECTURAL REFLECTED CEILING PLANS GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.

F. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.

G. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.

H. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.

I. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

CEILING LEGEND

- ACT-1
- ACT-2
- ACT-3
- ACT-4
- LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- EIFS SOFFIT - REFER TO ELEVATIONS FOR COLOR
- GYPSUM BOARD CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (2 / A-905) AND WALL SECTIONS

REFLECTED CEILING PLAN KEYED NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED.
2. GYM EQUIPMENT (TYPICAL), REFER TO EQUIPMENT DRAWINGS.
3. APPOXIMATE POSITION OF RETRACTED BASKETBALL GOAL.
4. CMU LINTEL AT 108'-8".
5. PROJECTION SCREEN, REFER TO TECHNOLOGY DRAWINGS AND DETAIL. — 16 A-502
6. 4"X4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID.
7. ALTERNATE: OPERABLE PARTITION.
8. ALTERNATE: OPERABLE PARTITION. BASE BID: STAGE CURTAIN AND VALANCE.
9. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL CANOPY. REFER TO FLOOR PLAN FOR BASE BID OR ALTERNATE.
10. WOOD TRIM. — 3 A-905
11. INSTALL CEILING GRID WITH FULL TILE ALONG THIS WALL.
12. EXHAUST HOOD, NO CEILING REQUIRED. COORDINATE EXACT SIZE AND LOCATION WITH KITCHEN AND MECHANICAL DRAWINGS.
13. GYPSUM BOARD BULKHEAD. — 2 A-905
14. OMIT CEILING PADS OUTSIDE OF HATCHED AREAS IN THIS ROOM.
15. CMU LINTEL AT 107'-4". — AD-1

GENERAL REFLECTED CEILING FINISH NOTES:

A. UNLESS NOTED OTHERWISE, GYPSUM BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P?

B. UNLESS NOTED OTHERWISE, ALL EXPOSED STRUCTURE, DECK, MECHANICAL, AND ELECTRICAL TO BE PAINTED P?

REFLECTED CEILING FINISH NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

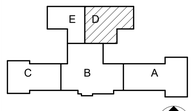
1. PAINT EXPOSED CANOPY STEEL TO MATCH FASCIA AND COPING METAL COLOR A ON ALL EXPOSED SIDES.
2. PAINT EXPOSED CANOPY DECK P10 ON ALL EXPOSED SIDES.
3. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P8 ON ALL EXPOSED SIDES.
4. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P9 ON ALL EXPOSED SIDES.
5. PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
6. PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
7. PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.
8. PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN — NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2

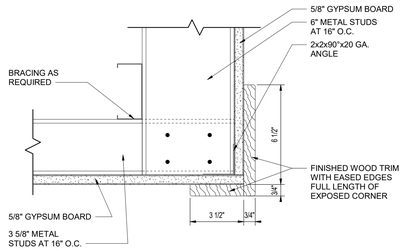
DRAWING
UNIT "D" FIRST FLOOR AND MEZZANINE REFLECTED CEILING PLANS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

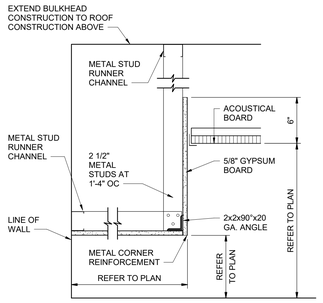
SHEET
D
A-904

4/21/2022 2:47:07 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt

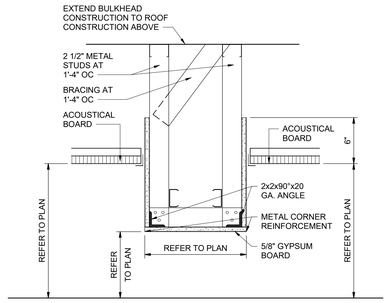


3 A-905 WOOD CORNER TRIM DETAIL

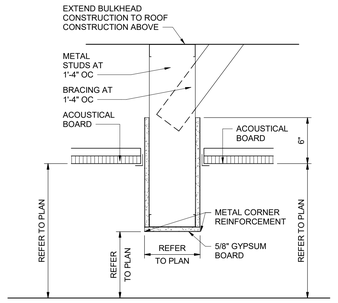
3" = 1'-0"



DETAIL "C"



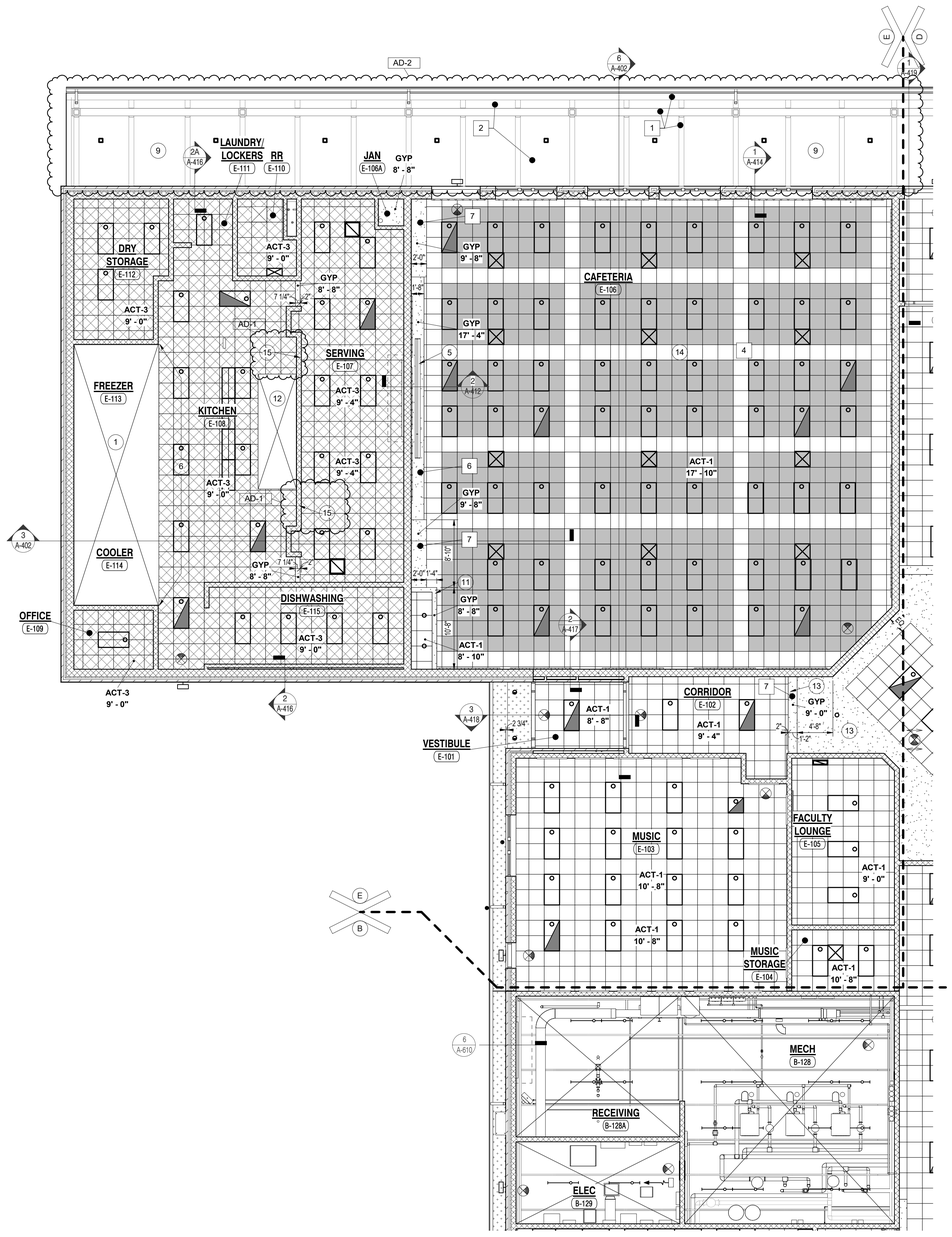
DETAIL "B"



DETAIL "A"

2 A-905 TYPICAL GYPSUM BOARD BULKHEAD DETAILS

1 1/2" = 1'-0"



1 A-905 UNIT "E" FIRST FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

GENERAL NOTES

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO SHEET G-301.

B. THE ARCHITECTURAL REFLECTED CEILING PLANS GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.

F. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.

G. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.

H. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.

I. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

CEILING LEGEND

- ACT-1
- ACT-2
- ACT-3
- ACT-4
- LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- EIFS SOFFIT - REFER TO ELEVATIONS FOR COLOR
- GYPSUM BOARD CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (2 / A-905) AND WALL SECTIONS

REFLECTED CEILING PLAN KEYED NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED.
2. GYM EQUIPMENT (TYPICAL), REFER TO EQUIPMENT DRAWINGS.
3. APPOXIMATE POSITION OF RETRACTED BASKETBALL GOAL.
4. CMU LINTEL AT 108'-8".
5. PROJECTION SCREEN, REFER TO TECHNOLOGY DRAWINGS AND DETAIL. (16 / A-502)
6. 4"X4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID.
7. ALTERNATE: OPERABLE PARTITION.
8. ALTERNATE: OPERABLE PARTITION. BASE BID: STAGE CURTAIN AND VALANCE.
9. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL CANOPY. REFER TO FLOOR PLAN FOR BASE BID OR ALTERNATE.
10. WOOD TRIM. (3 / A-905)
11. INSTALL CEILING GRID WITH FULL TILE ALONG THIS WALL.
12. EXHAUST HOOD, NO CEILING REQUIRED. COORDINATE EXACT SIZE AND LOCATION WITH KITCHEN AND MECHANICAL DRAWINGS.
13. GYPSUM BOARD BULKHEAD. (2 / A-905)
14. OMIT CEILING PADS OUTSIDE OF HATCHED AREAS IN THIS ROOM.
15. CMU LINTEL AT 107'-4". (AD-1)

GENERAL REFLECTED CEILING FINISH NOTES:

A. UNLESS NOTED OTHERWISE, GYPSUM BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P?

B. UNLESS NOTED OTHERWISE, ALL EXPOSED STRUCTURE, DECK, MECHANICAL, AND ELECTRICAL TO BE PAINTED P?

REFLECTED CEILING FINISH NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

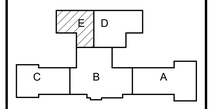
1. PAINT EXPOSED CANOPY STEEL TO MATCH FASCIA AND COPING METAL COLOR A ON ALL EXPOSED SIDES.
2. PAINT EXPOSED CANOPY DECK P10 ON ALL EXPOSED SIDES.
3. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P8 ON ALL EXPOSED SIDES.
4. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P9 ON ALL EXPOSED SIDES.
5. PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
6. PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
7. PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.
8. PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

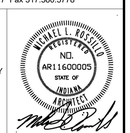


KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. THEY SHALL NOT BE REPRODUCED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2

DRAWING
UNIT "E" FIRST FLOOR REFLECTED CEILING PLAN AND DETAILS

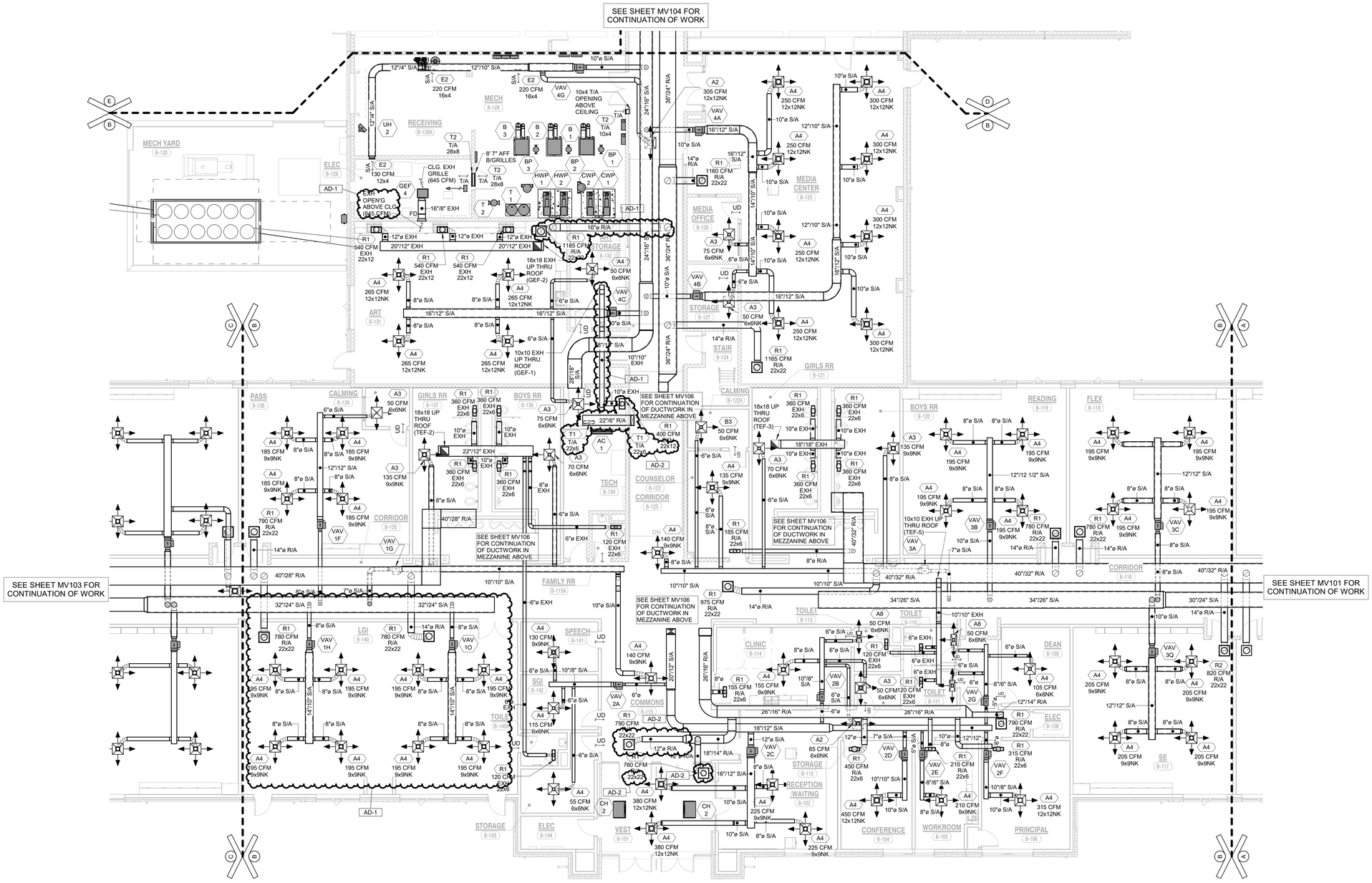
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

E

SHEET
A-905

4/21/2022 2:47:21 PM
C:\Users\jgruber\Documents\21-134_Duneland SC_NEW YOST ES_ARCH_jgruberWNJNU.rvt



1 MV102 **UNIT "B" MECHANICAL VENTILATION FIRST FLOOR PLAN**
1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY KS
CHECKED BY DJ

REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANNEY

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE SOLE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "B" MECHANICAL VENTILATION FIRST FLOOR PLAN

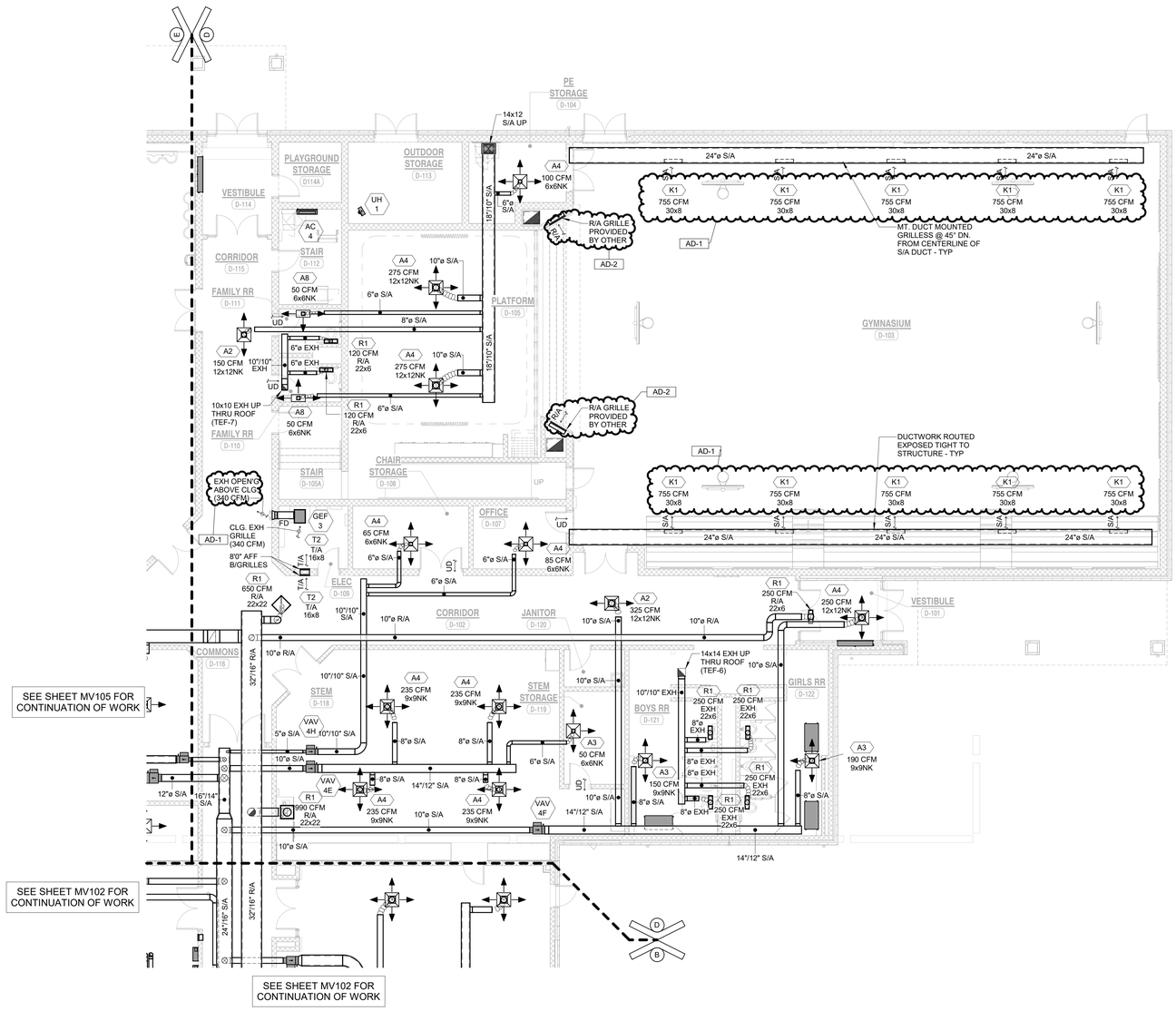
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
MV102

Copyright © 2022 Millies Engineering Group

4/20/2022 12:30:07 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt



1 MV104 UNIT "D" MECHANICAL VENTILATION FIRST FLOOR PLAN

1/8" = 1'-0"

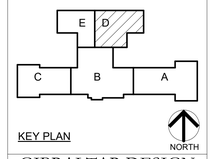
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
KS
CHECKED BY
DJ

DAVID G. JANKE REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "D" MECHANICAL VENTILATION FIRST FLOOR PLAN

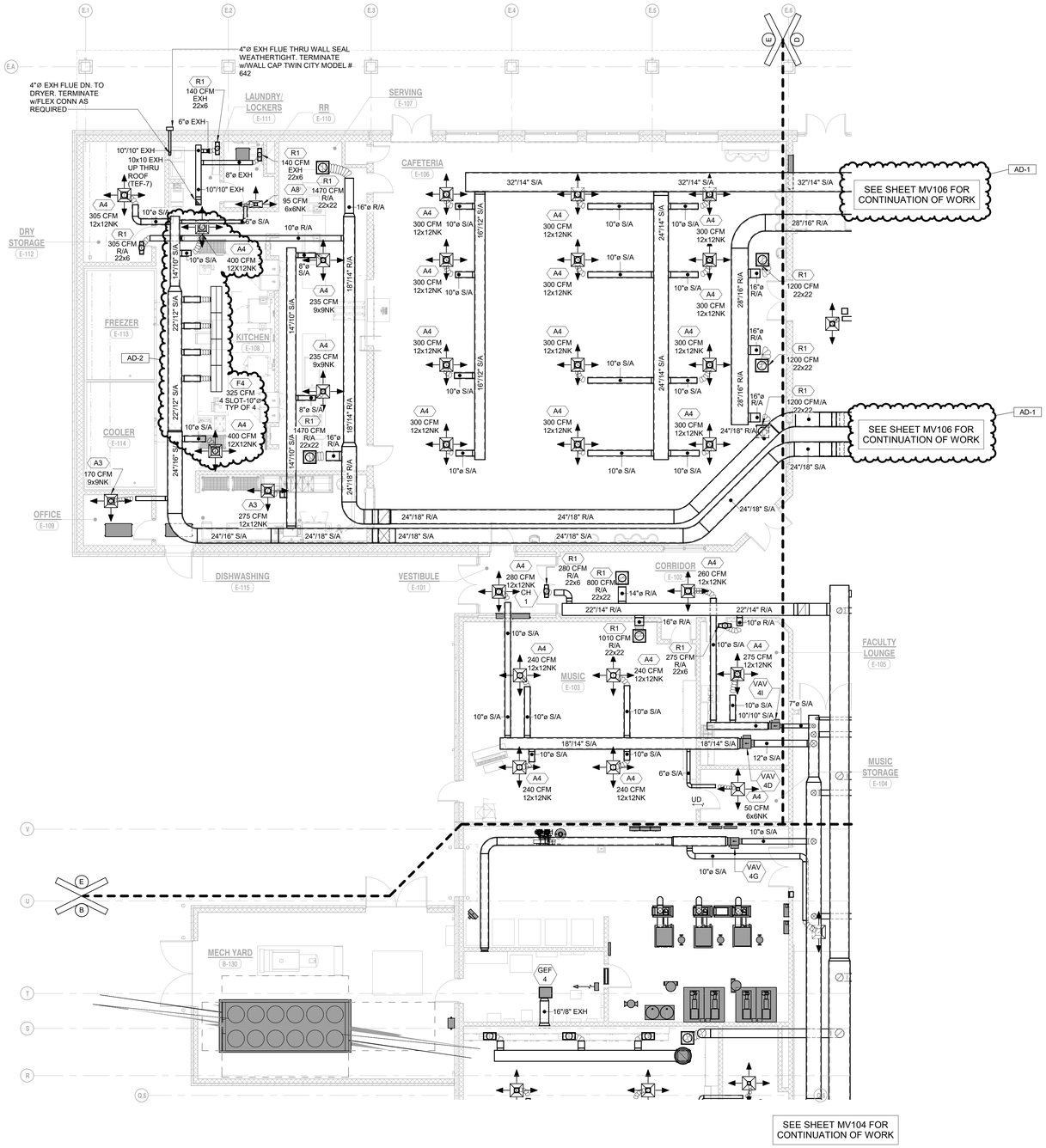
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
D
MV104

Copyright © 2022 Millies Engineering Group

4/20/2022 12:30:10 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt



1 MV105 UNIT "E" MECHANICAL VENTILATION FIRST FLOOR PLAN

1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY KS
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "E" MECHANICAL VENTILATION FIRST FLOOR PLAN

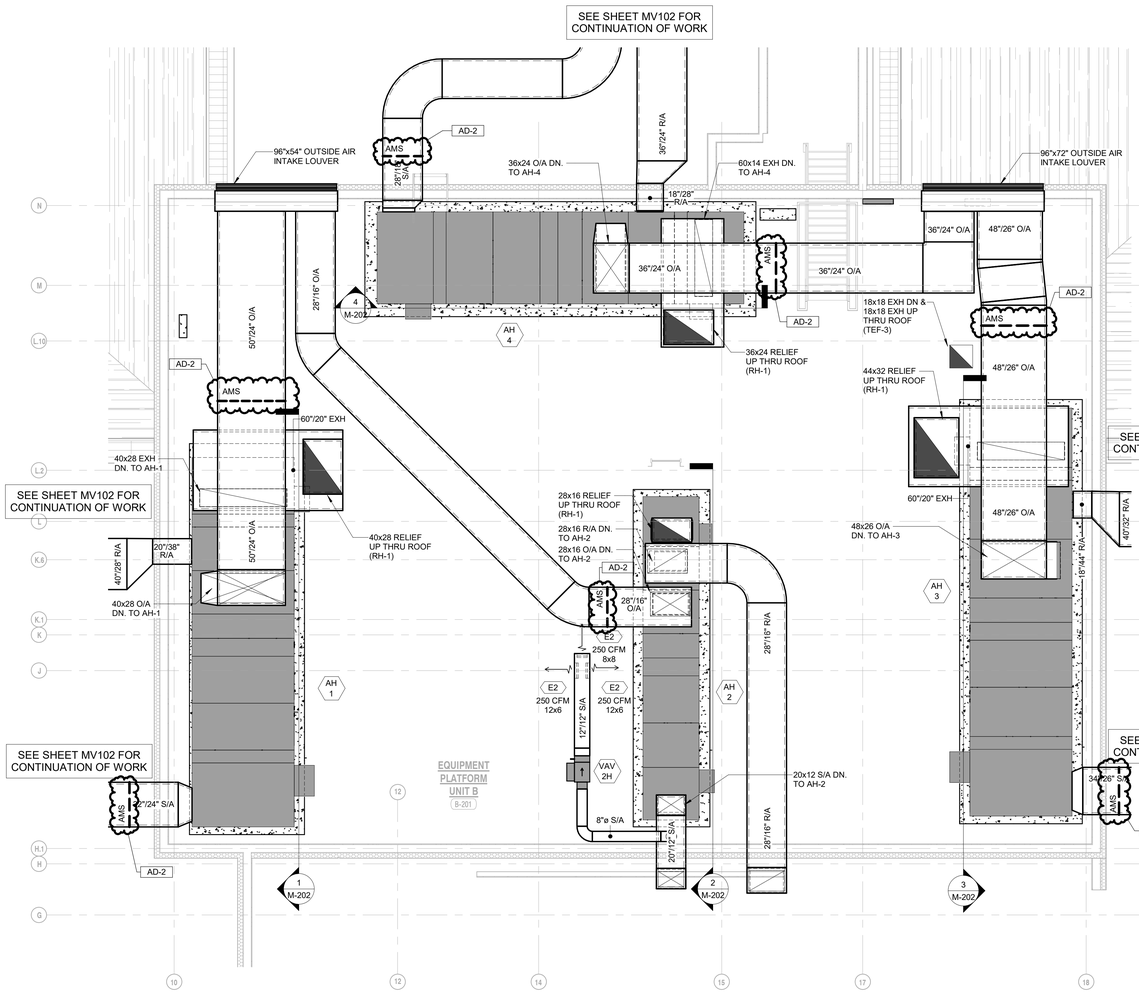
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

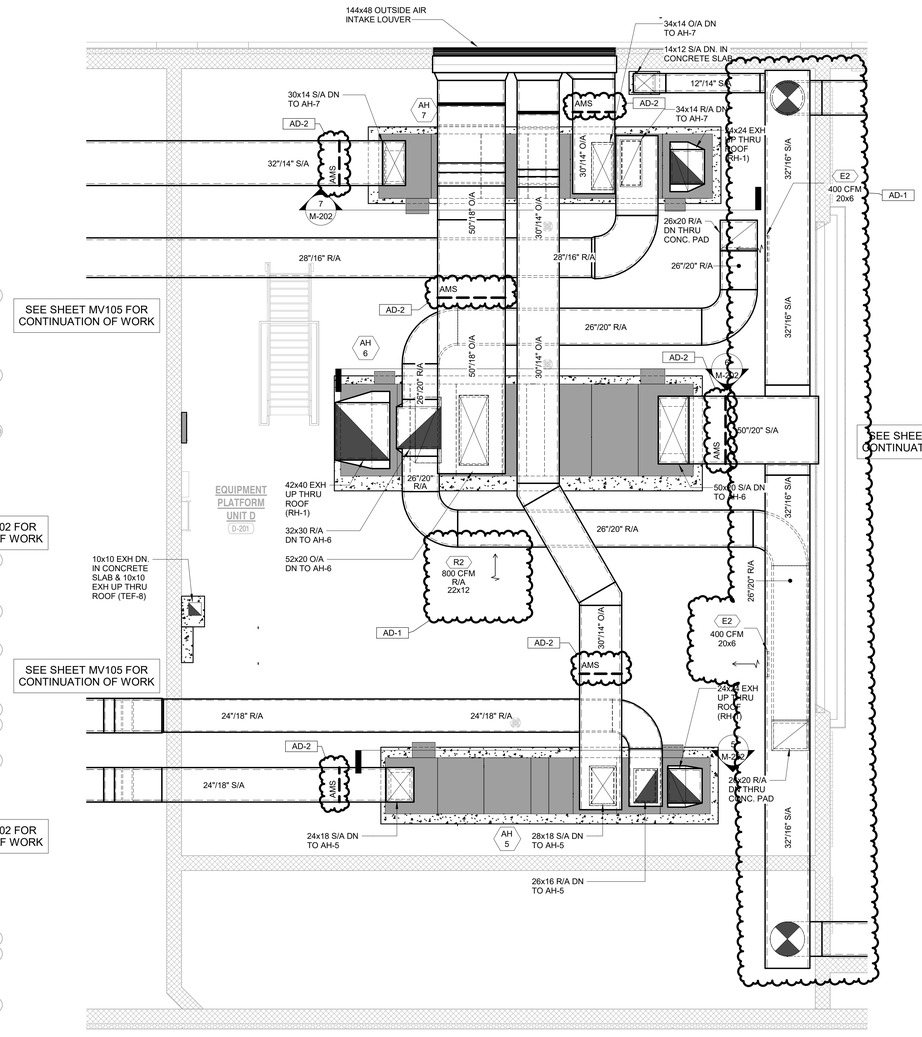
SHEET
MV105

Copyright © 2022 Millies Engineering Group

4/20/2022 12:30:16 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt



1 MV106 **UNIT "B" MECHANICAL VENTILATION MECHANICAL MEZZANINE PLAN**
1/4" = 1'-0"



2 MV106 **UNIT "D" MECHANICAL VENTILATION MECHANICAL MEZZANINE PLAN**
1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN
MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY GL
CHECKED BY DJ

DAVID G. JANKE REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "B" & UNIT "D" MECHANICAL VENTILATION MEZZANINE PLANS

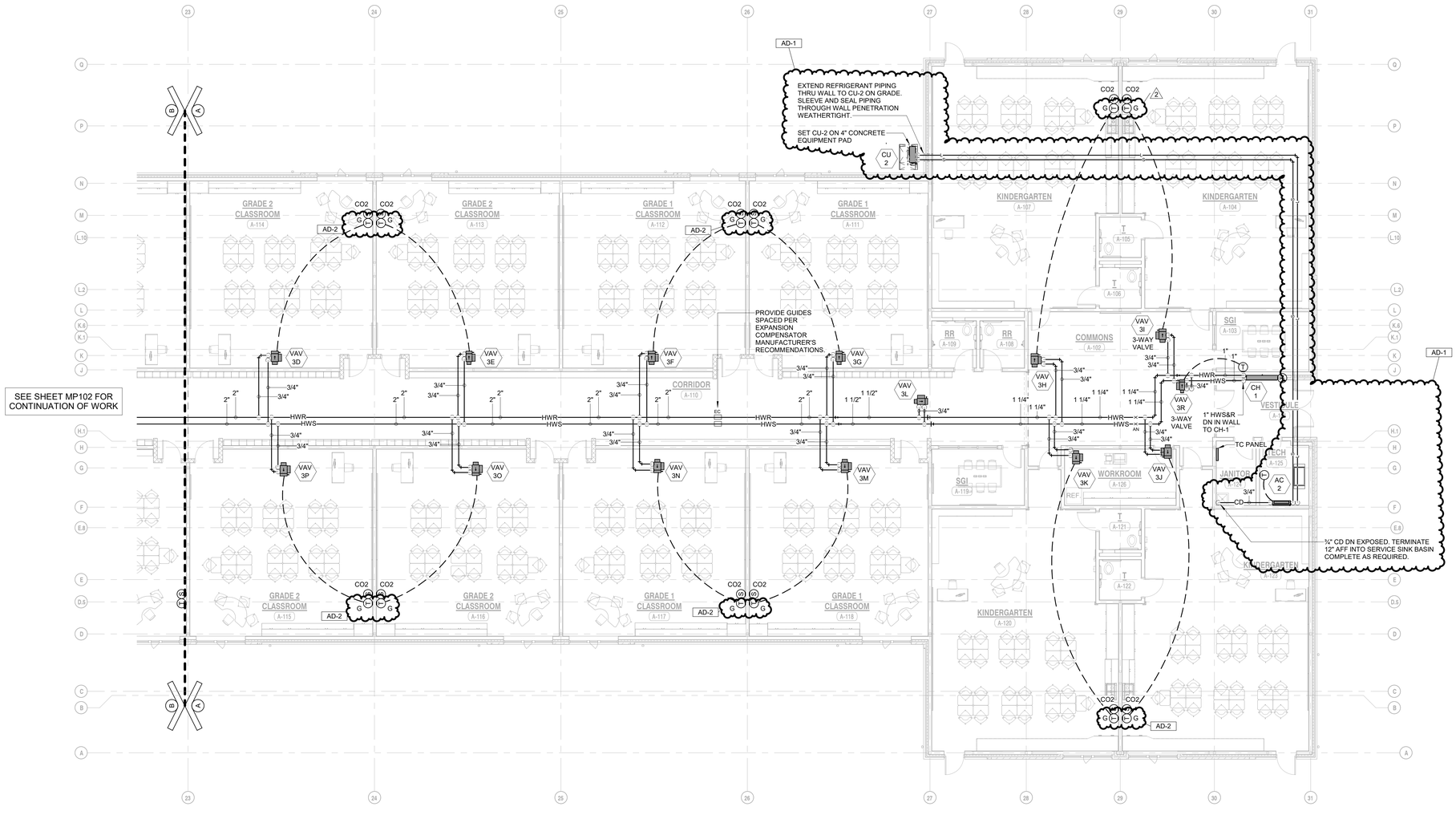
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN
B&D

SHEET
MV106

Copyright © 2022 Millies Engineering Group

4/20/2022 12:30:37 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM68R.rvt



1 MP101 **UNIT "A" MECHANICAL PIPING FIRST FLOOR PLAN**

1/8" = 1'-0"

NORTH

4/20/2022 12:29:35 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt

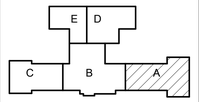
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
BAK
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "A" MECHANICAL PIPING FIRST FLOOR PLAN

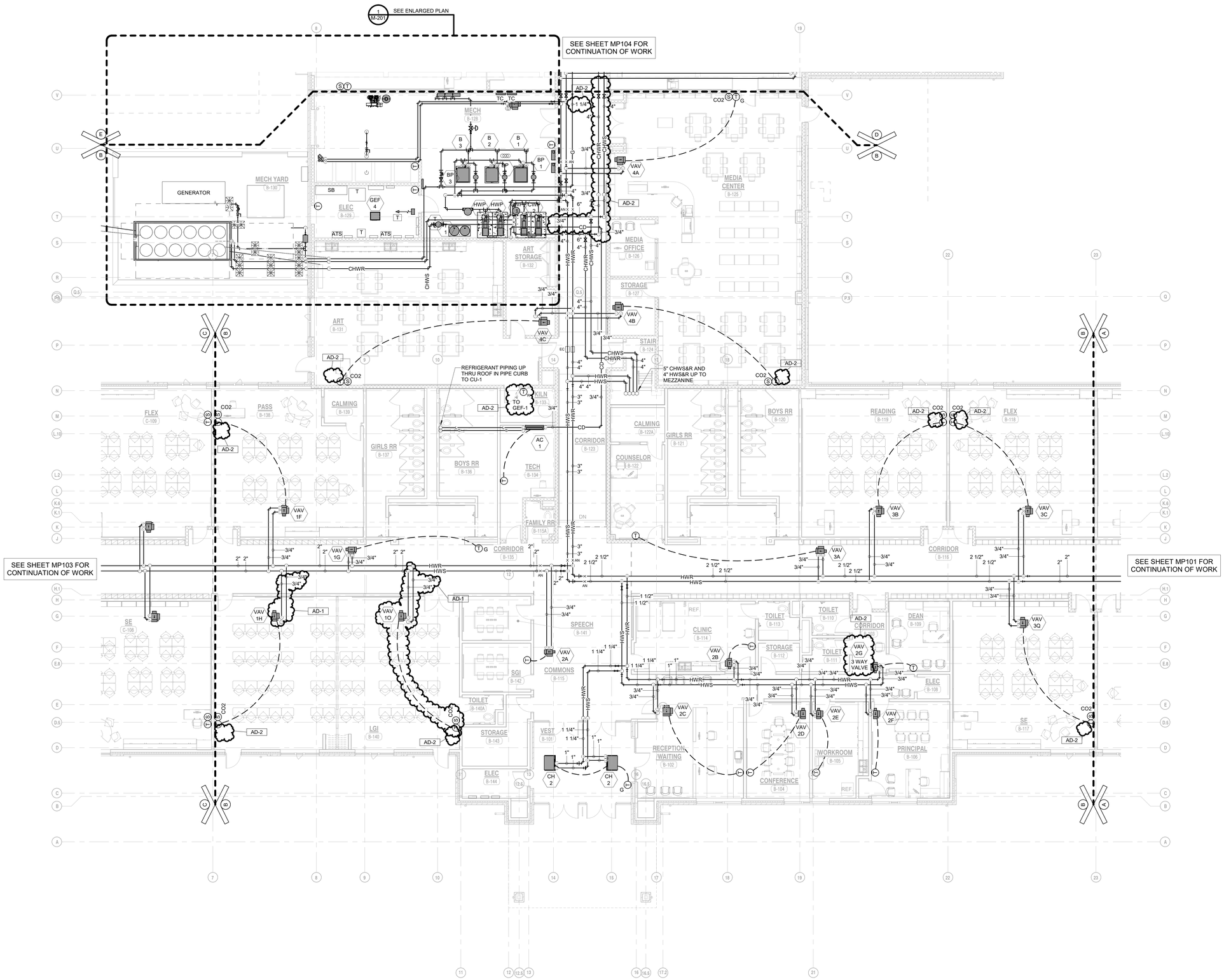
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

A

SHEET
MP101

Copyright © 2022 Millies Engineering Group



1 MP102 UNIT "B" MECHANICAL PIPING FIRST FLOOR PLAN

1/8" = 1'-0"

NORTH

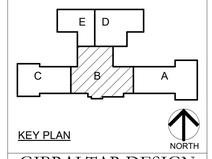
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
BAK
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "B" MECHANICAL PIPING FIRST FLOOR PLAN

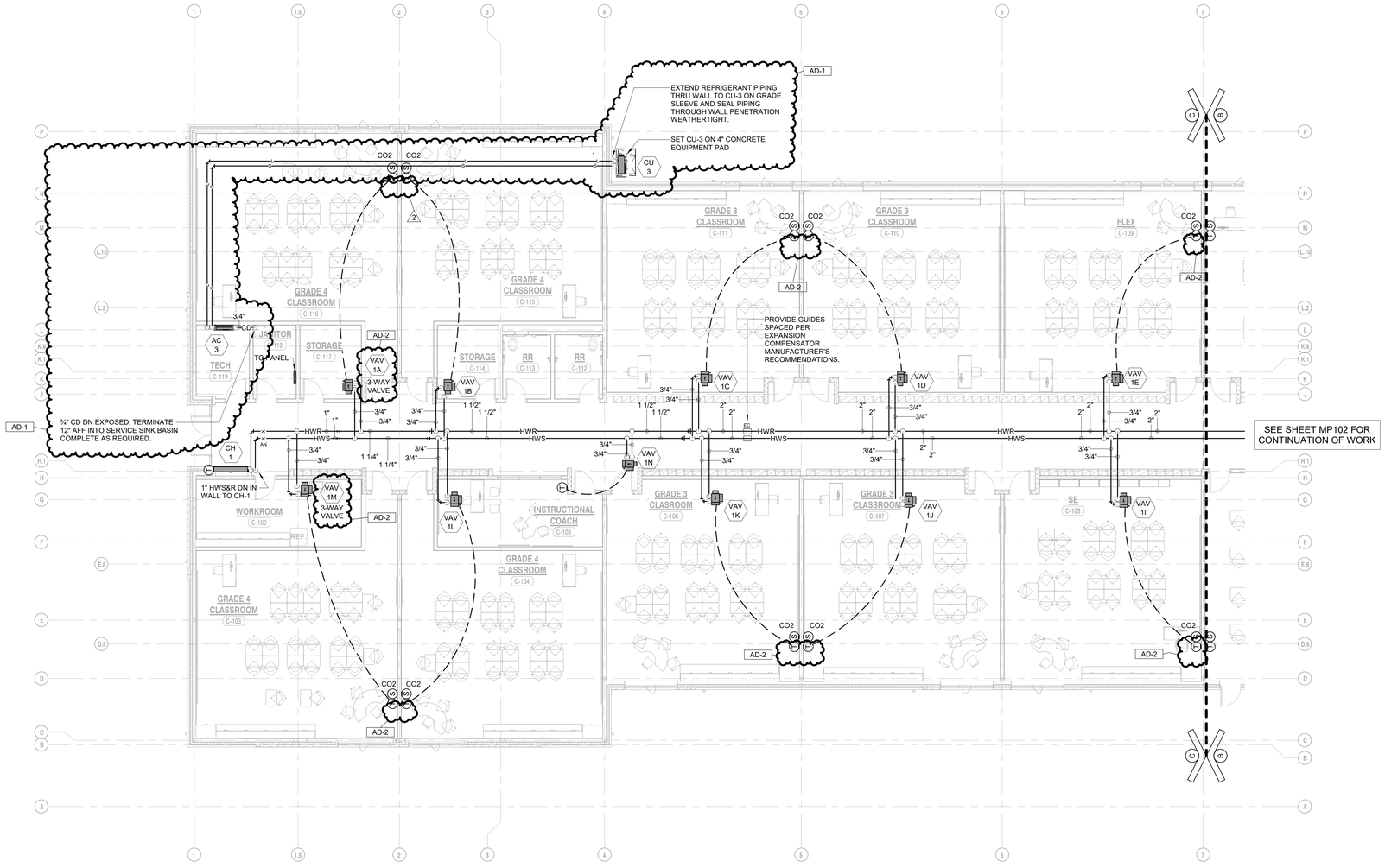
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
B
MP102

Copyright © 2022 Millies Engineering Group

4/20/2022 12:28:44 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt



1 UNIT "C" MECHANICAL PIPING FIRST FLOOR PLAN

MP103 1/8" = 1'-0"

NORTH

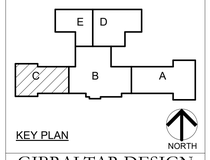
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
BAK
CHECKED BY
DJ

DAVID G. JANIVEC REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "C" MECHANICAL PIPING FIRST FLOOR PLAN

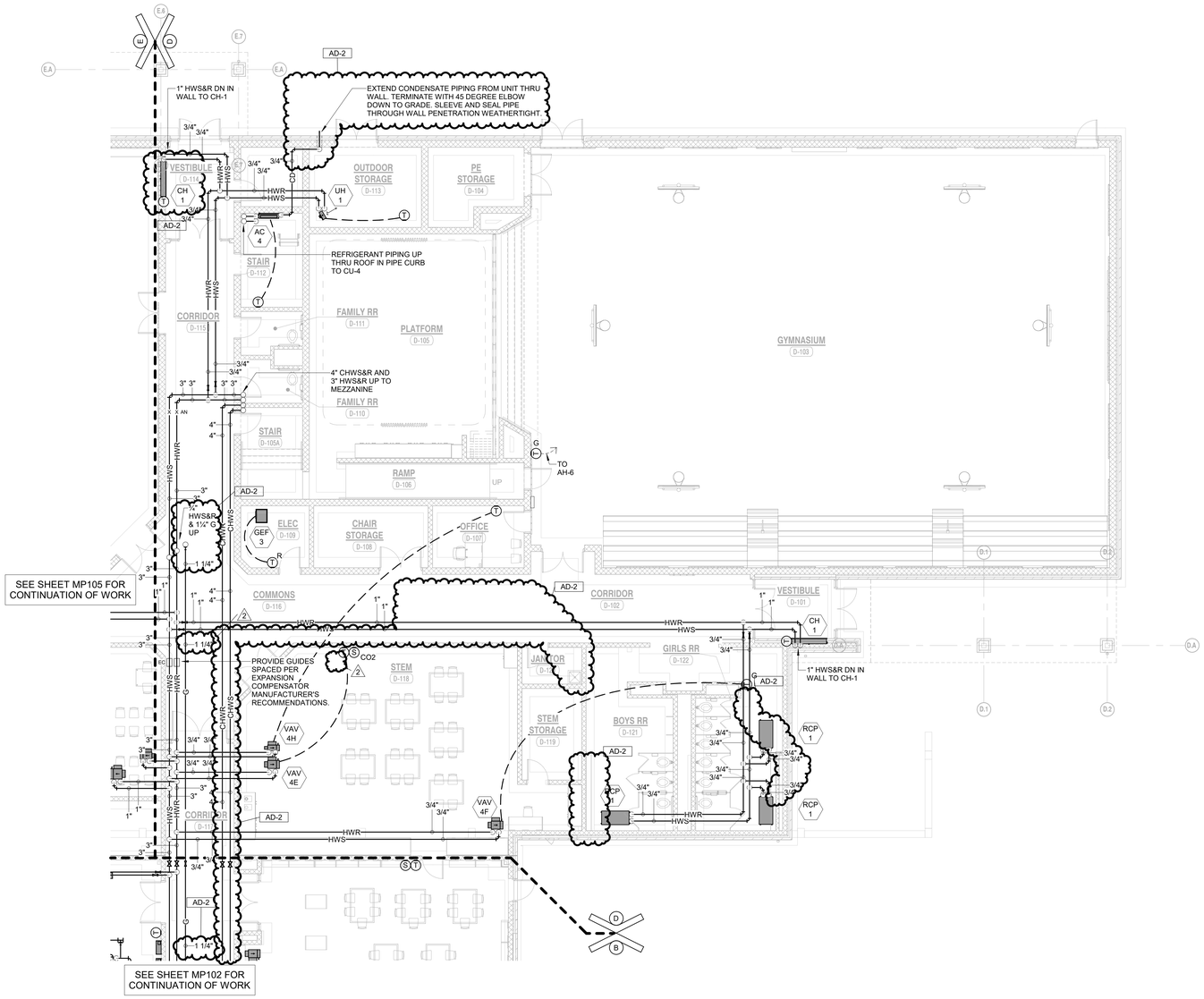
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C
MP103

Copyright © 2022 Millies Engineering Group

4/20/2022 12:28:47 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt



1 UNIT "D" MECHANICAL PIPING FIRST FLOOR PLAN

MP104 — 1/8" = 1'-0"

NORTH

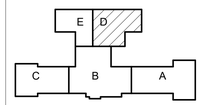
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN — NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY BAK
CHECKED BY DJ

DAVID G. JANNEY — REGISTERED — NO. 10302590 — STATE OF INDIANA — PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "D" MECHANICAL PIPING FIRST FLOOR PLAN

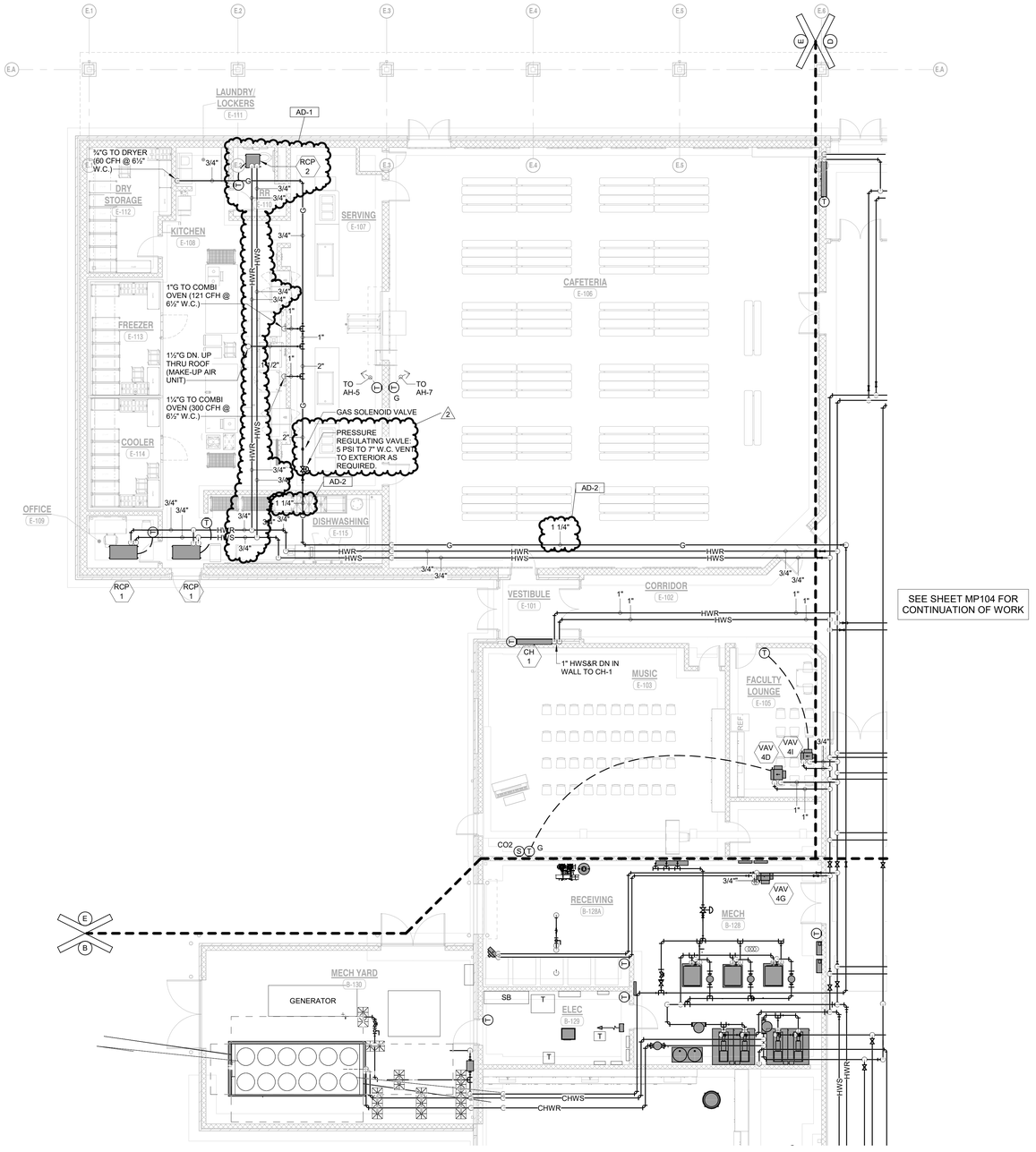
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
MP104

Copyright © 2022 Millies Engineering Group

4/20/2022 12:29:51 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt



1 MP105 UNIT "E" MECHANICAL PIPING FIRST FLOOR PLAN

1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
BAK
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "E" MECHANICAL PIPING FIRST FLOOR PLAN

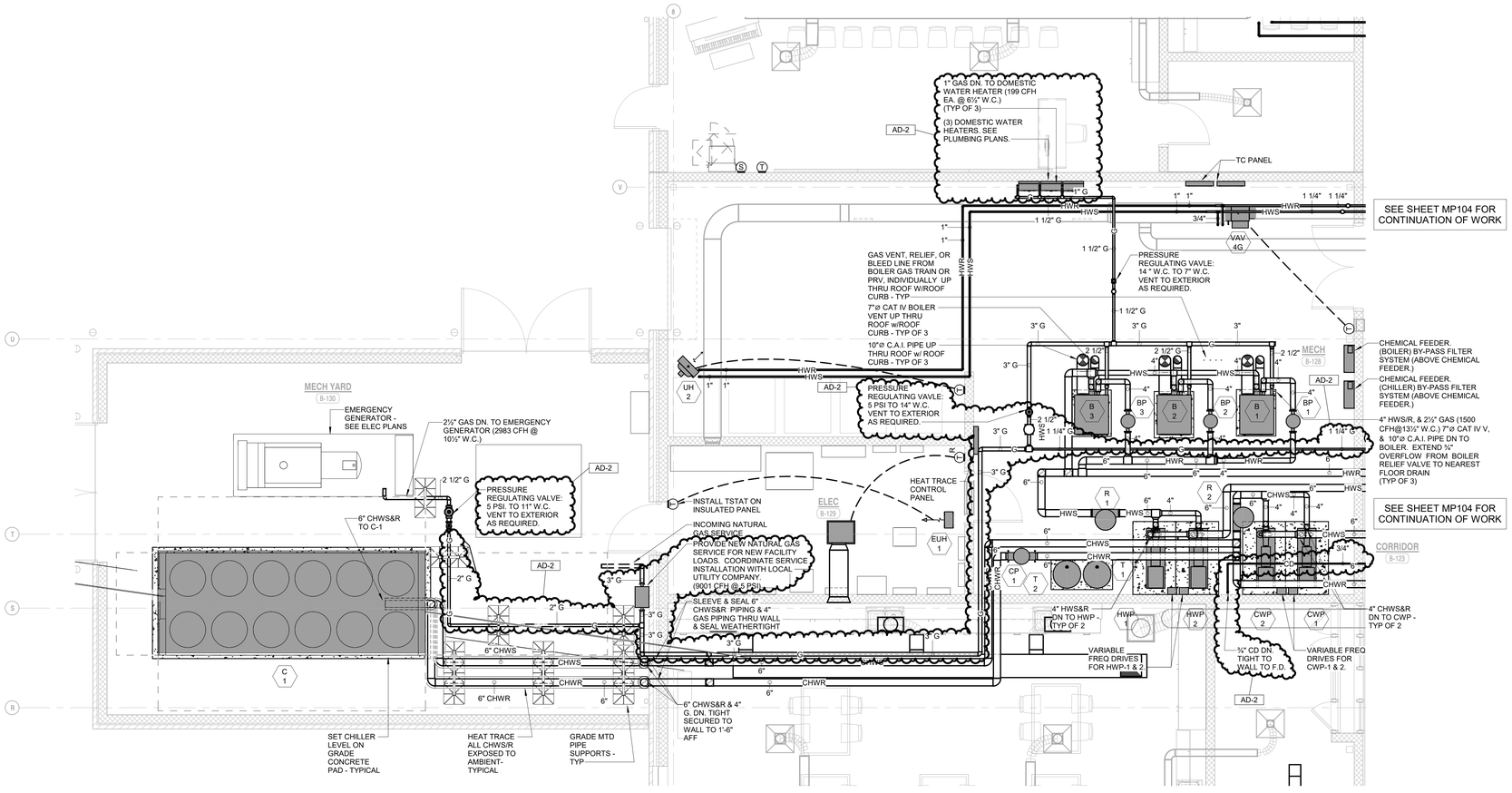
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
E
MP105

Copyright © 2022 Millies Engineering Group

4/20/2022 12:29:57 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt



1 M-201 UNIT "B" PARTIAL MECHANICAL ROOM & YARD PLAN

1/4" = 1'-0"

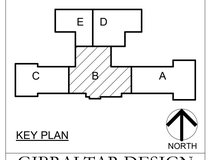
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
BAK
CHECKED BY
DJ

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
PARTIAL UNIT "B" MECHANICAL ROOM & YARD PLAN

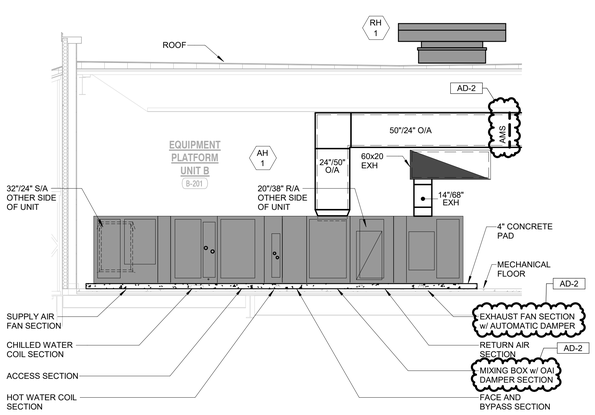
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

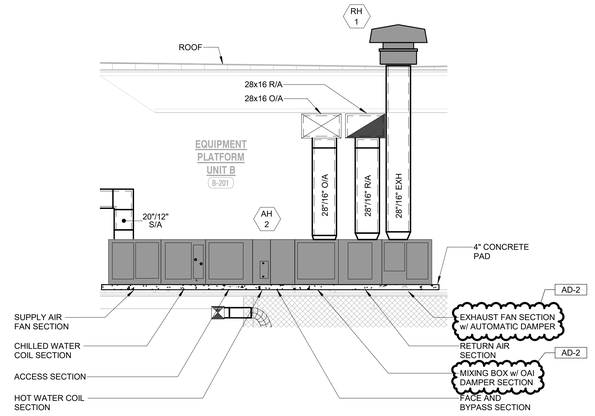
SHEET
M-201

Copyright © 2020 Millies Engineering Group

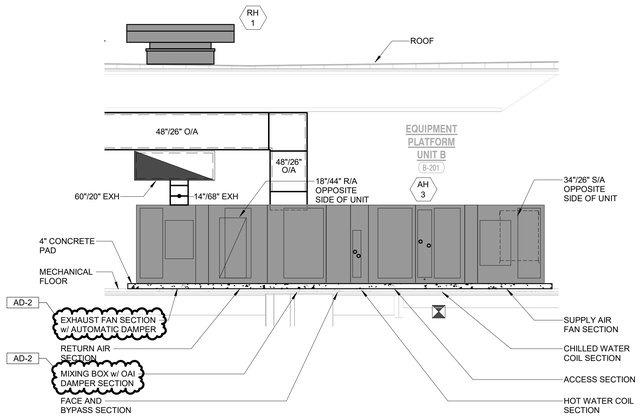
4/20/2022 12:29:26 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM88R.rvt



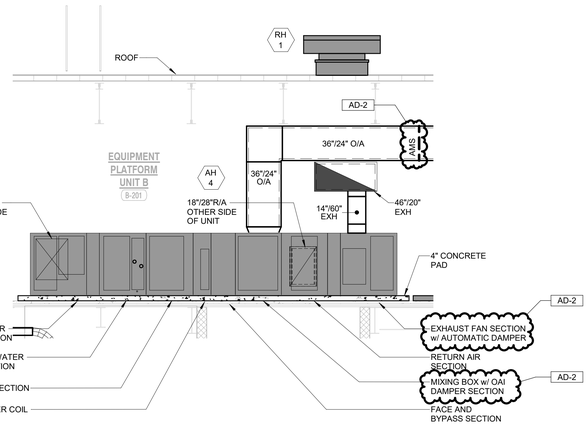
1 M-202 **AH-1 SECTION**
1/4" = 1'-0"



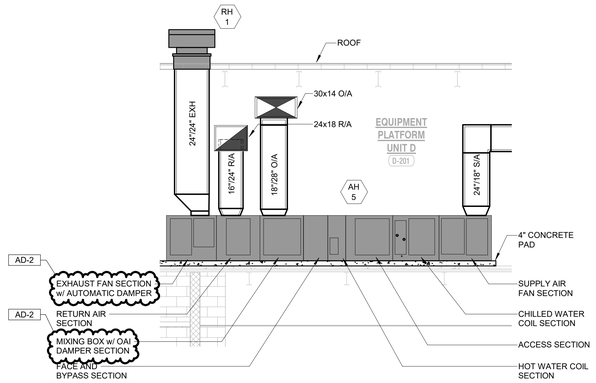
2 M-202 **AH-2 SECTION**
1/4" = 1'-0"



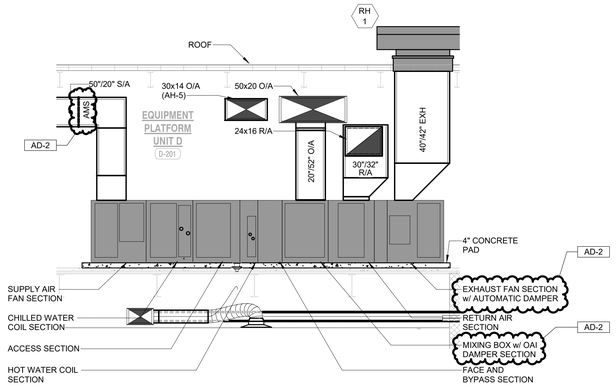
3 M-202 **AH-3 SECTION**
1/4" = 1'-0"



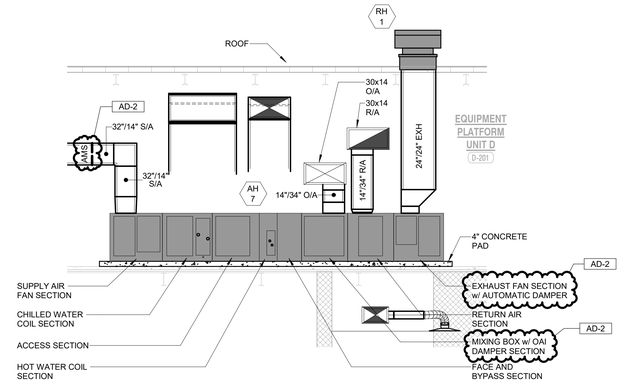
4 M-202 **AH-4 SECTION**
1/4" = 1'-0"



5 M-202 **AH-5 SECTION**
1/4" = 1'-0"



6 M-202 **AH-6 SECTION**
1/4" = 1'-0"



7 M-202 **AH-7 SECTION**
1/4" = 1'-0"

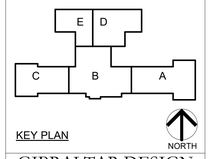
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
KS
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
MECHANICAL DUCTWORK SECTIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
M-202

Copyright © 2020 Millies Engineering Group

4/20/2022 12:29:31 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt

MECHANICAL EQUIPMENT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN MOTOR DATA								EXHAUST FANS					DX COOL'G DATA			CHILLED WATER COOLING EQUIPMENT/COIL DATA							HOT WATER HTG EQUIP/COIL DATA							HOT WATER PREHEATING COIL DATA							ELECTRICAL DATA									UNITS	EQUIP	REMARKS
					MIN OA! CFM																			MAX							MAX																						
				CFM	HIGH	LOW	TSP	ESP	BHP	HP	RPM	CFM	ESP	BHP	HP	RPM	MBH	CAT	STAGES	MBH	SHC	GPM	EDB	EWB	LDB	LWB	EWT	LWT	WPD	CAT	MBH (IN)	MBH (OUT)	GPM	EAT	LAT	EWT	LWT	WPD	MBH (OUT)	GPM	EAT	LAT	EWT	LWT	WPD	HP	MCA	FLA	AMPS	MOCP	VOLT	PH	HZ	STARTER: MC.	STARTER: EC.	CTRL'D BY	WEIGHT	
C-1	TRANE	RTAC-275	GRADE MOUNTED AIR COOLED CHILLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	∞	∞	∞	478	∞	-	-	-	54	44	20	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	413	-	-	500	480	3	60	X	-	RMB	21050	NOTE 1
B-1	CAMUS	ARH1500	GAS FIRED HW CONDENSING BOILER w/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500	1416	142	-	160	180	30	-	-	-	-	-	-	-	-	-	8	-	15	480	3	60	X	-	RMB	1530	NOTE 2
B-2	CAMUS	ARH1500	GAS FIRED HW CONDENSING BOILER w/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500	1416	142	-	160	180	30	-	-	-	-	-	-	-	-	-	8	-	15	480	3	60	X	-	RMB	1530	NOTE 2
B-3	CAMUS	ARH1500	GAS FIRED HW CONDENSING BOILER w/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500	1416	142	-	160	180	30	-	-	-	-	-	-	-	-	-	8	-	15	480	3	60	X	-	RMB	1530	NOTE 2
AH-1	TRANE	CSAA021	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	11950	5915	1200	-	2.2	23.3	(2) 15	3298	-	-	-	-	-	-	-	-	628	422	125	83.3	68.4	51.3	51.1	44	54	12	95	-	-	-	-	-	-	-	-	738	73.7	7.9	65	180	160	12	-	71.0	-	-	110	480	3	60	X	-	RMB	5470	NOTE 3
				-	-	-	-	-	-	-	-	11950	1.9	12.1	(2) 7.5	2464	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RMB		
AH-2	TRANE	CSAA006	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	3425	880	-	-	1.8	5.22	7.5	3693	-	-	-	-	-	-	-	-	139	107	27.7	79.5	64.8	51.2	50.8	44	54	12	95	-	-	-	-	-	-	-	-	127	12.8	40	74	180	160	12	-	18.6	-	-	25	480	3	60	X	-	RMB	2520	NOTE 3
				-	-	-	-	-	-	-	-	3425	1.4	2.16	3	2650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RMB		
AH-3	TRANE	CSAA025	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	14750	7800	1475	-	2.2	24.5	(2) 15	2673	-	-	-	-	-	-	-	-	784	528	158	83.9	68.9	51.3	51.2	44	54	12	95	-	-	-	-	-	-	-	-	880	87.8	2.6	57	180	160	12	-	77.0	-	-	110	480	3	60	X	-	RMB	6243	NOTE 3
				-	-	-	-	-	-	-	-	14750	1.9	16.4	(2) 10	2339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RMB		
AH-4	TRANE	CSAA017	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	8150	2950	815	-	2	12	(2) 7.5	3071	-	-	-	-	-	-	-	-	369	274	73.5	81.5	66.2	50.9	50.8	44	54	12	95	-	-	-	-	-	-	-	-	512	51.1	24	82	180	160	12	-	35.9	-	-	50	480	3	60	X	-	RMB	4395	NOTE 3
				-	-	-	-	-	-	-	-	8150	1.6	5.42	(2) 3	1882	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RMB		
AH-5	TRANE	CSAA006	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - CAV	3500	790	200	-	1.5	5.08	7.5	3324	-	-	-	-	-	-	-	-	147	105	29.3	78.4	65.2	51.1	50.8	44	54	12	95	-	140	14	53	90	180	160	12	-	-	-	-	-	-	-	-	-	13.7	-	-	20	480	3	60	X	-	RMB	2417	NOTE 3
				-	-	-	-	-	-	-	-	3500	1	1.71	2	1980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RMB		
AH-6	TRANE	CSAA035	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - CAV	9250	5100	925	-	1.2	16	(2) 10	-	-	-	-	-	-	-	-	-	508	329	102	83.5	69.1	51.2	51.1	44	54	12	95	-	622	62.1	28	90	180	160	12	-	-	-	-	-	-	-	-	-	43.4	-	-	70	480	3	60	X	-	RMB	8672	NOTE 3
				-	-	-	-	-	-	-	-	9250	0.8	5.32	(2) 3	1898	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RMB		
AH-7	TRANE	CSAA008	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - CAV	3600	2770	360	-	1.8	4.36	5	2636	-	-	-	-	-	-	-	-	248	149	49.4	87.3	71.8	49.3	49.2	44	54	12	95	-	324	32.3	11	90	180	160	12	-	-	-	-	-	-	-	-	-	13.7	-	-	20	480	3	60	X	-	RMB	2770	NOTE 3
				-	-	-	-	-	-	-	-	3600	1	1.67	2	1976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RMB		
TEF-1	TWIN CITY	DCRD-095	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	300	Ø.5	Ø.006	1/4	1286	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	RMB	60	NOTE 4
TEF-2	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1680	Ø.6	Ø.45	1	1100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	RMB	100	NOTE 4
TEF-3	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1440	Ø.6	Ø.37	1	1049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	RMB	100	NOTE 4
TEF-4	TWIN CITY	DCRD-120	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	880	Ø.6	Ø.19	1/2	1442	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	-	X	RMB	70	NOTE 4
TEF-5	TWIN CITY	DCRD-095	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	390	Ø.6	Ø.009	1/4	1473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	RMB	60	NOTE 4
TEF-6	TWIN CITY	DCRD-120	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1120	Ø.6	Ø.25	1/2	1572	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	-	X	RMB	70	NOTE 4
TEF-7	TWIN CITY	DCRD-085	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	185	Ø.5	Ø.024	1/6	1277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	120	1	60	-	X	RMB	60	NOTE 4
TEF-8	TWIN CITY	DCRD-090	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	240	Ø.5	Ø.025	1/6	1280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	120	1	60	-	X	AD-2 RMB	60	NOTE 4
GEF-1	TWIN CITY	DCRD-095	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	400	Ø.6	Ø.029	1/4	1449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	REV ACT'G TSTAT	60	NOTE 4
GEF-2	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1620	Ø.6	Ø.43	1	1088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	WALL SWITCH	100	NOTE 4
GEF-3	TWIN CITY	T-900	CEILING SUSPENDED GENERAL EXHAUST FAN w/ INTERAL GRILLE	-	-	-	-	-	-	-	-	340	Ø.5	Ø.16	1/2	473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	REV ACT'G TSTAT	50	NOTE 5
GEF-4	TWIN CITY	T-1500	CEILING SUSPENDED GENERAL EXHAUST FAN w/ INTERAL GRILLE	-	-	-	-	-	-	-	-	645	Ø.6	Ø.3	3/4	742	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	120	1	60	-	X	REV ACT'G TSTAT	80	NOTE 5
CH-1	VULCAN	RW-1120-08	HOT WATER WALL RECESSED MOUNTED CABINET HEATER	860	-	-	-	-	(2) 1/10	1050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.1	4.7	-	-	180	160	5	-	-	-	-	-	-	-	-	-	2.2	-	120	1	60	X	-	INTEGRAL TSTAT	175	NOTE 6
CH-2	VULCAN	RC-1200-10	HOT WATER CEILING RECESSED CABINET HEATER	1060	-	-	-	-	(2) 1/10	1050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.8	6.5	-	-	180	160	5	-	-	-	-	-	-	-	-	-	2.2	-	120	1	60	X	-	WALL MTD TSTAT	194	NOTE 7
UH-1	VULCAN	HV-18	HOT WATER SUSPENDED UNIT HEATER	395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	1.1	-	-	180	160	5	-	-	-	-	-	-	-	-	-	0.8	-	120	1	60	X	-	WALL MTD TSTAT	30	NOTE 8
UH-2	VULCAN	HV-36	HOT WATER SUSPENDED UNIT HEATER	1400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59.7	6	-	-	180	160	5	-	-	-	-	-	-	-	-	-	2	-	120	1	60	X	-	WALL MTD TSTAT	30	NOTE 8
AC-1/CU-1	MITSUBISHI	TPK-A24HA1/TPUY-A24	WALL MTD AC UNIT/ROOF MTD CONDENSING UNIT	700	-	-	-	-	-	-	-	-	-	-	-	-	24	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-	26	208	1	60	X	-	WALL MTD TSTAT	46/151	NOTE 9
AC-2/CU-2	MITSUBISHI	TPK-A12HA1/TPUY-A12	WALL MTD AC UNIT/GRADE MTD CONDENSING UNIT	380	-	-	-	-	-	-	-	-	-	-	-	-	12	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	20	208	1	60	X	-	WALL MTD TSTAT	29/92	NOTE 10
AC-3/CU-3	MITSUBISHI	TPK-A12HA1/TPUY-A12	WALL MTD AC UNIT/GRADE MTD CONDENSING UNIT	380	-	-	-	-	-	-	-	-	-	-	-	-	12	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	20	208	1	60	X	-	WALL MTD TSTAT	29/92	NOTE 10
AC-4/CU-4	MITSUBISHI	TPK-A12HA1/TPUY-A12	WALL MTD AC UNIT/ROOF MTD CONDENSING UNIT	380	-	-	-	-	-	-	-	-	-	-	-	-	12	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	20	208	1	60	X	-	WALL MTD TSTAT	29/92	NOTE 9
AD-1 RCP-1	AIRTEX	HEF-2	HOT WATER RADIANT CEILING PANEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.56	Ø.16	-	-	180	160	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	WALL MTD TSTAT	-	NOTE 11
RCP-2	AIRTEX	HEF-2	HOT WATER RADIANT CEILING PANEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø.78	Ø.08	-	-	180	160	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	WALL MTD TSTAT	-	NOTE 11

NOTES:

1. PROVIDE WITH:
   - DISCONNECT SWITCH
   - SOUND ATTENUATION KIT
   - NEOPRENE PADS

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE WITH:
   - PROVIDE WITH COMBUSTION AIR INTAKE DAMPER
   - NEUTRALIZATION BASIN FOR CONDENSATE

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
3. SEE SECTIONS FOR MODULAR SECTION REQUIREMENTS.
   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
4. PROVIDE WITH
   - DISCONNECT SWITCH
   - MOTORIZED DAMPER, BIRD SCREEN
   - ROOF CURB
   - ECM MOTOR WITH POTENTIOMETER SPEED CONTROLLER

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. PROVIDE WITH:
   - BUILT-IN BACKDRAFT DAMPER
   - INTEGRAL METAL GRILLE
   - VIBRATION ISOLATION HANGERS

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE WITH:
   - DISCONNECT SWITCH
   - INTEGRAL THERMOSTAT

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
7. PROVIDE WITH:
   - DISCONNECT SWITCH
   - INTEGRAL THERMOSTAT
   - VIBRATION ISOLATION HANGERS

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. PROVIDE WITH:
   - VIBRATION ISOLATION HANGERS

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
9. PROVIDE WITH:

   WALL-MOUNTED AC UNIT:
   - THERMOSTAT
   - CONDENSATE PUMP

   CONDENSING UNIT:
   - LOW AMBIENT CONTROLS FOR 100% COOLING CAPACITY DOWN TO 0°F
   - WIND BAFFLES
   - HAIL GUARDS
   - ROOF EQUIPMENT SUPPORT RAILS.

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
10. PROVIDE WITH:

    WALL-MOUNTED AC UNIT:
    - THERMOSTAT
    - CONDENSATE PUMP

    CONDENSING UNIT:
    - LOW AMBIENT CONTROLS FOR 100% COOLING CAPACITY DOWN TO 0°F
    - WIND BAFFLES
    - HAIL GUARDS
    - CONCRETE EQUIPMENT PAD

    SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
11. PROVIDE WITH:
    - MOUNTING HARDWARE
    - BATT INSULATION

    SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PUMP SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD (FT.)	PUMP MOTOR DATA: HP	RPM	VOLT	PHASE	HZ.	STARTER: MC.	STARTER: EC.	SUCTION/DISCHARGE SIZE	REMARKS
BP-1	BELL & GOSSETT	SERIES 80; 3x3x1C	HOT WATER BOILER RECIRCUALTION PUMP	142	25	1 1/2	1750	480	3	60	X	-	3" / 3"	-
BP-2	BELL & GOSSETT	SERIES 80; 3x3x1C	HOT WATER BOILER RECIRCUALTION PUMP	142	25	1 1/2	1750	480	3	60	X	-	3" / 3"	-
BP-3	BELL & GOSSETT	SERIES 80; 3x3x1C	HOT WATER BOILER RECIRCUALTION PUMP	142	25	1 1/2	1750	480	3	60	X	-	3" / 3"	-
CP-1	BELL & GOSSETT	SERIES 80; 5x5x11B	CHILLED WATER DISTRIBUTION PUMP	478	40	7 1/2	1750	480	3	60	X	-	5" / 5"	
HWP-1	BELL & GOSSETT	SERIES 1510; 2BD	HOT WATER DISTRIBUTION PUMP	213	70	3 1/2	1750	480	3	60	X	-	2.5" / 2"	HOT WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL. 426 GPM AT 70 FT. HD. WITH DUAL POWER FEEDERS
HWP-2	BELL & GOSSETT	SERIES 1510; 2BD	HOT WATER DISTRIBUTION PUMP	213	70	3 1/2	1750	480	3	60	X	-	2.5" / 2"	
CWP-1	BELL & GOSSETT	SERIES 1510; 2BD	CHILLED WATER DISTRIBUTION PUMP	239	60	3 1/2	1750	480	3	60	X	-	2.5" / 2"	CHILLED WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL. 478 GPM AT 60 FT. HD. WITH DUAL POWER FEEDERS
CWP-2	BELL & GOSSETT	SERIES 1510; 2BD	CHILLED WATER DISTRIBUTION PUMP	239	60	3 1/2	1750	480	3	60	X	-	2.5" / 2"	

RELIEF HOOD SCHEDULE

TAG	MANUFACTURER	MODEL #	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS
RH-1	ACME	*LV	SEE PLANS	EXHAUST/RELIEF AIR HOOD	ROOF OF MECH. MEZZ	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY GL
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
MECHANICAL SCHEDULES

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
M-501

12/7/2021 9:48:49 AM
I:\CAD\21071Z\NM-501.dwg

Copyright © 2020 Millies Engineering Group

GRILLE, REGISTER & DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	AIR PATTERN	MOUNTING	SIZE	TYPE OF CONTROL	REMARKS
A3	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A4	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A5	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A8	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A9	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A10	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
C4	NAILOR	6200-OA	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	ALUMINUM CONSTRUCTION
E2	NAILOR	610H-O	SUPPLY CEILING REGISTER	DOUBLE DEFLECTION	SURFACE MOUNTED	SEE PLANS	O.B.D.	HORIZONTAL FRONT BARS, VERTICAL BACK BARS
F4	NAILOR	5810I-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	1" SLOT WIDTH 48" LONG	V.C.D.	-
J4	NAILOR	6550-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
K1	NAILOR	610HC	SUPPLY REGISTER	DOUBLE DEFLECTION	DUCT MOUNTED	SEE PLANS	VOLUME DAMPER	MILL FINISH
L4	NAILOR	5015	CONTINUOUS 1½" SLOT LINEAR RA DIFFUSER	ADJ. PATTERN CONTROLLER	SURFACE MOUNT W/ GYP.BD MTG. FRAME	SEE PLAN FOR #SLOTS/LGTH	NONE	NARROW FLANGE, END CAPS, WHITE FRAME AND WHITE INTERIOR FINISH.
L9	NAILOR	5010R	CONTINUOUS 1½" SLOT LINEAR RA DIFFUSER	NO PATTERN CONTROLLER	SURFACE MOUNT W/ GYP.BD MTG. FRAME	SEE PLAN FOR #SLOTS/LGTH	NONE	NARROW FLANGE, END CAPS, WHITE FRAME AND WHITE INTERIOR FINISH.
R1	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	O.B.D.	-
R2	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	O.B.D.	-
R3	NAILOR	5145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	O.B.D.	ALUMINUM CONSTRUCTION
T1	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	-	-
T2	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	-	-
T3	NAILOR	5145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	-	ALUMINUM CONSTRUCTION
T8	NAILOR	6145H-HD	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	-	HEAVY DUTY GRILLE

* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED

AD-2

DUCTWORK INSULATION/LINING SCHEDULE

REFER TO SPECIFICATIONS FOR ADDITIONAL INSULATION REQUIREMENTS

DUCTWORK TYPE	INSULATION TYPE		
	CONCEALED	EXPOSED	
SUPPLY AIR DUCTWORK			
RECTANGULAR	1½" LINER	1½" LINER	
ROUND	1½" WRAP, NOTE 1.	PERFORATED DOUBLE WALL	
OUTSIDE AIR DUCTWORK			
RECTANGULAR	1½" WRAP	1½" WRAP	
ROUND	1½" WRAP	1½" WRAP OR PERFORATED DOUBLE WALL	
RETURN AIR DUCTWORK			
RECTANGULAR	1½" LINER	1½" LINER	
ROUND	PERFORATED DOUBLE WALL	PERFORATED DOUBLE WALL	
TRANSFER AIR DUCTWORK	½" LINER	½" LINER	
DOAS SUPPLY AIR DUCTWORK			
RECTANGULAR	1½" LINER	1½" LINER	
ROUND	1½" WRAP, NOTE 1.	PERFORATED DOUBLE WALL	
DOAS EXHAUST DUCTWORK			
RECTANGULAR	1½" LINER, WITHIN 30'-0" OF UNIT	1½" LINER, WITHIN 30'-0" OF UNIT	
ROUND	PERFORATED DOUBLE WALL, WITHIN 30'-0" OF UNIT	PERFORATED DOUBLE WALL, WITHIN 30'-0" OF UNIT	
VAV & FAN-POWERED BOXES			
INLET COLLAR	1½" WRAP	1½" WRAP	
HOT WATER REHEAT COIL	1½" WRAP	1½" WRAP	
EXHAUST DUCTWORK			
WITHIN 10'-0" OF EXHAUST FAN	½" LINER	½" LINER	

NOTE 1: ROUND DUCT SUPPLYING ONE DIFFUSER AND MORE THAN 30'-0" FROM UNIT

NATURAL GAS CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION	CAPACITY CFH	REMARKS
B-1	GAS FIRED H.W. CONDENSING BOILER w/SEALED COMBUSTION	BOILER RM B-128	1500	-
B-2	GAS FIRED H.W. CONDENSING BOILER w/SEALED COMBUSTION	BOILER RM B-128	1500	-
B-3	GAS FIRED H.W. CONDENSING BOILER w/SEALED COMBUSTION	BOILER RM B-128	1500	-
HWH	DOMESTIC HOT WATER HEATER	BOILER RM B-128	199	-
HWH	DOMESTIC HOT WATER HEATER	BOILER RM B-128	199	-
HWH	DOMESTIC HOT WATER HEATER	BOILER RM B-128	199	-
-	DRYER	LAUNDRY E-111	60	ESTIMATE
-	ROOF MOUNTED MAKE-UP AIR UNIT	ROOF OF KITCHEN E108	440	-
-	COMBINATION OVEN	KITCHEN E108	121	-
-	COMBINATION OVEN - DOUBLE DECK	KITCHEN E108	300	-
-	EMERGENCY GENERATOR	ON GRADE	2983	-
		TOTAL	9001	CFH @ 5 PSI

AD-2

AH-1 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING		HW REHEAT COIL DATA				CONTROL SEQUENCE		REMARKS
				MAX CFM	MIN CFM	MBH	GPM	WPD	EWT	OPEN/ CLOSED	OPEN/CLOSED/ OPEN	
1A	NAILOR	D30RW-10	10"	870	440	28.3	2.8	5'	180	-	X	-
1B	NAILOR	D30RW-10	10"	850	430	27.7	2.8	5'	180	-	X	-
1C	NAILOR	D30RW-10	10"	1,145	580	37.3	3.7	5'	180	-	X	-
1D	NAILOR	D30RW-08	8"	780	395	25.4	2.5	5'	180	-	X	-
1E	NAILOR	D30RW-10	10"	1,145	580	37.3	3.7	5'	180	-	X	-
1F	NAILOR	D30RW-08	8"	790	400	25.7	2.6	5'	180	-	X	-
1G	NAILOR	D30RW-07	7"	480	245	15.6	1.6	5'	180	-	X	-
1H	NAILOR	D30RW-08	8"	780	395	25.4	2.5	5'	180	-	X	-
1I	NAILOR	D30RW-10	10"	820	415	26.7	2.7	5'	180	-	X	-
1J	NAILOR	D30RW-10	10"	820	415	26.7	2.7	5'	180	-	X	-
1K	NAILOR	D30RW-10	10"	820	415	26.7	2.7	5'	180	-	X	-
1L	NAILOR	D30RW-10	10"	840	425	27.3	2.7	5'	180	-	X	-
1M	NAILOR	D30RW-10	10"	1040	525	33.9	3.4	5'	180	-	X	-
1N	NAILOR	D30RW-07	7"	490	250	15.9	1.6	5'	180	-	X	-
1O	NAILOR	D30RW-08	8"	780	395	25.4	2.5	5'	180	-	X	-

AD-1

AD-1

AH-2 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING		HW REHEAT COIL DATA				CONTROL SEQUENCE		REMARKS
				MAX. CFM	MIN. CFM	MBH	GPM	WPD	EWT	OPEN/ CLOSED	OPEN/CLOSED/ OPEN	
2A	NAILOR	D30RW-06	6"	350	80	11.4	1.1	5'	180	-	X	-
2B	NAILOR	D30RW-06	6"	340	80	9.2	0.9	5'	180	X	-	-
2C	NAILOR	D30RW-12	12"	1,210	280	39.4	3.9	5'	180	-	X	-
2D	NAILOR	D30RW-07	7"	450	105	14.6	1.5	5'	180	-	X	-
2E	NAILOR	D30RW-05	5"	210	50	6.8	0.7	5'	180	-	X	-
2F	NAILOR	D30RW-06	6"	315	70	10.3	1.0	5'	180	-	X	-
2G	NAILOR	D30RW-05	5"	205	45	5.6	0.6	5'	180	X	-	-
2H	NAILOR	D30RW-08	8"	750	170	24.4	2.4	5'	180	-	X	-

AD-1

AH-3 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING		HW REHEAT COIL DATA				CONTROL SEQUENCE		REMARKS
				MAX CFM	MIN CFM	MBH	GPM	WPD	EWT	OPEN/ CLOSED	OPEN/CLOSED/ OPEN	
3A	NAILOR	D30RW-07	7"	415	210	11.3	1.1	5'	180	X	-	-
3B	NAILOR	D30RW-10	10"	1,105	565	36.0	3.6	5'	180	-	X	-
3C	NAILOR	D30RW-08	8"	780	400	25.4	2.5	5'	180	-	X	-
3D	NAILOR	D30RW-10	10"	1,105	565	36.0	3.6	5'	180	-	X	-
3E	NAILOR	D30RW-08	8"	780	400	25.4	2.5	5'	180	-	X	-
3F	NAILOR	D30RW-10	10"	1,105	565	36.0	3.6	5'	180	-	X	-
3G	NAILOR	D30RW-08	8"	780	400	25.4	2.5	5'	180	-	X	-
3H	NAILOR	D30RW-10	10"	930	475	30.3	3.0	5'	180	-	X	-
3I	NAILOR	D30RW-10	10"	950	485	30.9	3.1	5'	180	-	X	-
3J	NAILOR	D30RW-10	10"	1,010	515	32.9	3.3	5'	180	-	X	-
3K	NAILOR	D30RW-10	10"	1,105	565	36.0	3.6	5'	180	-	X	-
3L	NAILOR	D30RW-08	8"	625	320	17.0	1.7	5'	180	X	-	-
3M	NAILOR	D30RW-10	10"	820	420	26.7	2.7	5'	180	-	X	-
3N	NAILOR	D30RW-10	10"	820	420	26.7	2.7	5'	180	-	X	-
3O	NAILOR	D30RW-10	10"	820	420	26.7	2.7	5'	180	-	X	-
3P	NAILOR	D30RW-10	10"	820	420	26.7	2.7	5'	180	-	X	-
3Q	NAILOR	D30RW-10	10"	820	420	26.7	2.7	5'	180	-	X	-
3R	NAILOR	D30RW-06	6"	385	195	12.5	1.3	5'	180	-	X	-

AH-4 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING		HW REHEAT COIL DATA				CONTROL SEQUENCE		REMARKS
				MAX CFM	MIN CFM	MBH	GPM	WPD	EWT	OPEN/ CLOSED	OPEN/CLOSED/ OPEN	
4A	NAILOR	D30RW-10	10"	1,125	400	30.5	3.1	5'	180	X	-	-
4B	NAILOR	D30RW-10	10"	1,200	430	39.1	3.9	5'	180	-	X	-
4C	NAILOR	D30RW-10	10"	1,185	425	38.6	3.9	5'	180	-	X	-
4D	NAILOR	D30RW-12	12"	1,290	460	42.0	4.2	5'	180	-	X	-
4E	NAILOR	D30RW-10	10"	990	355	32.2	3.2	5'	180	-	X	-
4F	NAILOR	D30RW-10	10"	915	325	29.8	3.0	5'	180	-	X	-
4G	NAILOR	D30RW-10	10"	875	310	28.5	2.8	5'	180	-	X	-
4H	NAILOR	D30RW-05	5"	150	55	4.1	0.4	5'	180	X	-	-
4I	NAILOR	D30RW-07	7"	535	190	14.5	1.5	5'	180	X	-	-

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
GL
CHECKED BY
DJ

DAVID G. JANNIVY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
MECHANICAL SCHEDULES

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
M-502

12/7/2021 9:48:49 AM
I:\CAD\21\07127\M-502.dwg

Copyright © 2020 Millies Engineering Group

HOT WATER SYSTEM PIPING DIAGRAM

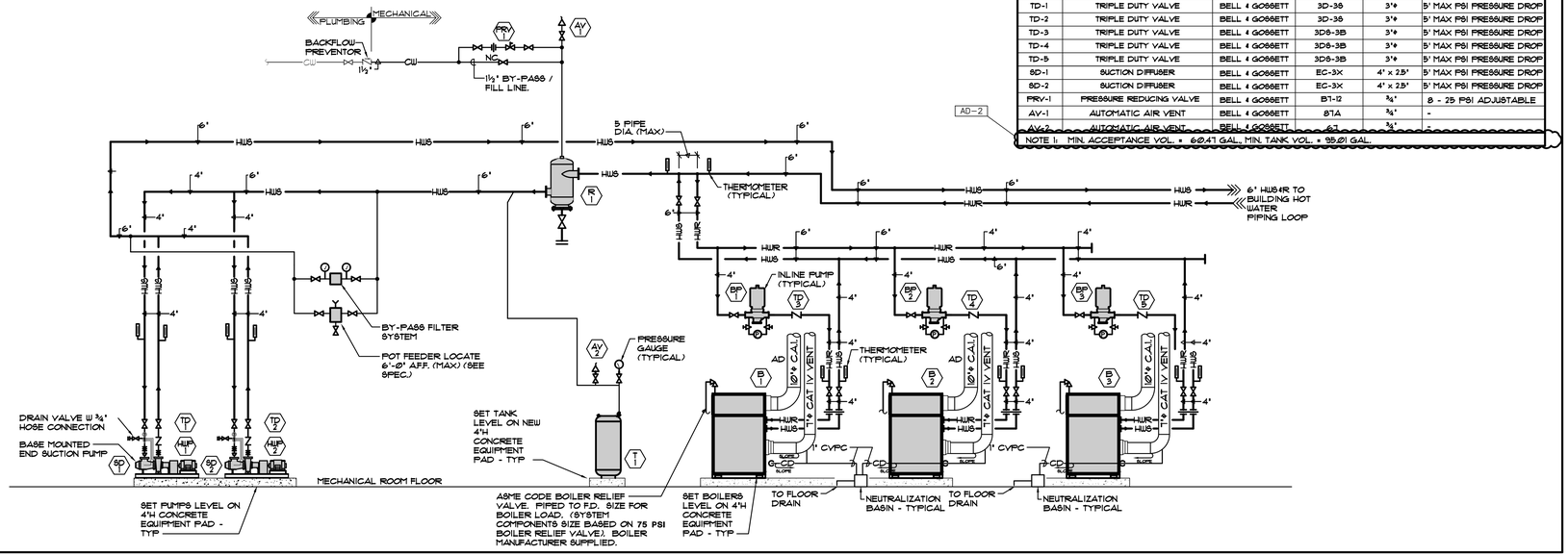
SCHEMATIC ONLY

AD-2

EQUIPMENT LEGEND

TAG	DESCRIPTION	MANUFACTURER	MODEL #	SIZE	REMARKS
T-1	EXPANSION TANK	BELL & GOSSETT	D-280V	30"Ø x 81"H	NOTE 1.
R-1	AIR SEPERATOR	BELL & GOSSETT	R-6	6"Ø	3 MAX PSI PRESSURE DROP
TD-1	TRIPLE DUTY VALVE	BELL & GOSSETT	3D-3S	3"Ø	5' MAX PSI PRESSURE DROP
TD-2	TRIPLE DUTY VALVE	BELL & GOSSETT	3D-3S	3"Ø	5' MAX PSI PRESSURE DROP
TD-3	TRIPLE DUTY VALVE	BELL & GOSSETT	3D8-3B	3"Ø	5' MAX PSI PRESSURE DROP
TD-4	TRIPLE DUTY VALVE	BELL & GOSSETT	3D8-3B	3"Ø	5' MAX PSI PRESSURE DROP
TD-5	TRIPLE DUTY VALVE	BELL & GOSSETT	3D8-3B	3"Ø	5' MAX PSI PRESSURE DROP
SD-1	SUCTION DIFFUSER	BELL & GOSSETT	EC-3X	4" x 2.5"	5' MAX PSI PRESSURE DROP
SD-2	SUCTION DIFFUSER	BELL & GOSSETT	EC-3X	4" x 2.5"	5' MAX PSI PRESSURE DROP
PRV-1	PRESSURE REDUCING VALVE	BELL & GOSSETT	B1-12	¾"	8 - 25 PSI ADJUSTABLE
AV-1	AUTOMATIC AIR VENT	BELL & GOSSETT	81A	¾"	-
AV-2	AUTOMATIC AIR VENT	BELL & GOSSETT	67	¾"	-

NOTE 1: MIN. ACCEPTANCE VOL. = 60.47 GAL. MIN. TANK VOL. = 95.01 GAL.



CHILLER WATER PIPING DIAGRAM

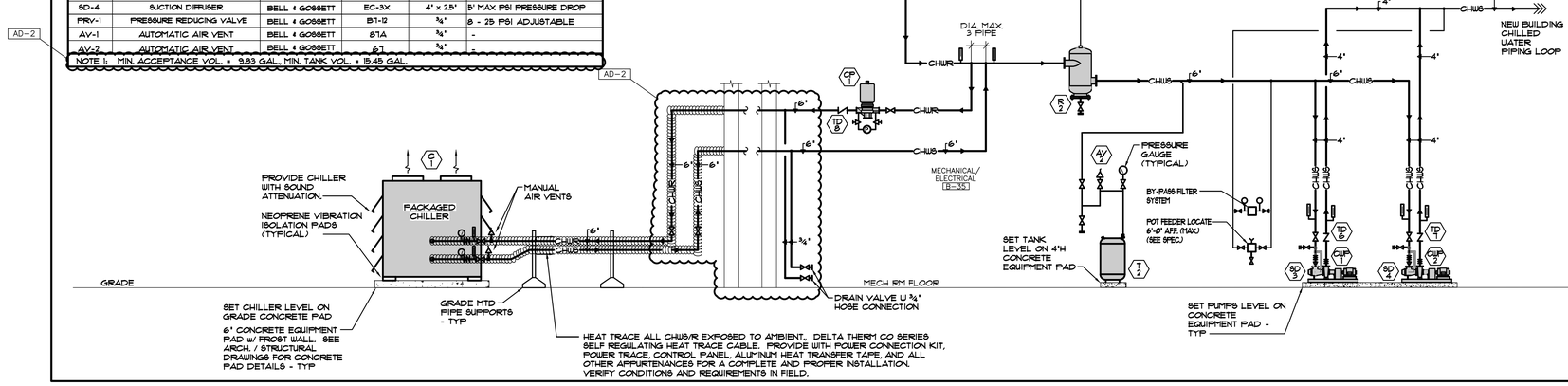
SCHEMATIC ONLY

AD-2

EQUIPMENT LEGEND

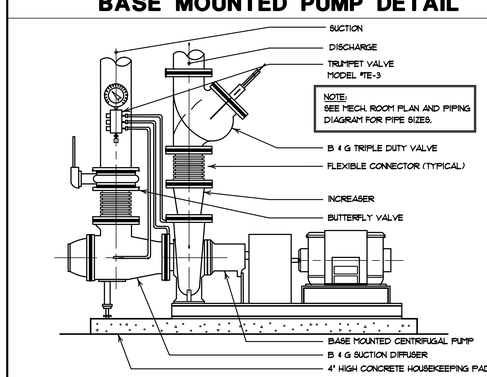
TAG	DESCRIPTION	MANUFACTURER	MODEL #	SIZE	REMARKS
T-2	EXPANSION TANK	BELL & GOSSETT	D-40V	16"ø x 33"H	NOTE 1.
R-2	AIR SEPERATOR	BELL & GOSSETT	R-6F	6"ø	5' MAX PSI PRESSURE DROP
TD-6	TRIPLE DUTY VALVE	BELL & GOSSETT	3D-3S	3"ø	5' MAX PSI PRESSURE DROP
TD-7	TRIPLE DUTY VALVE	BELL & GOSSETT	3D-3S	3"ø	5' MAX PSI PRESSURE DROP
TD-8	TRIPLE DUTY VALVE	BELL & GOSSETT	3D-6S	6"ø	5' MAX PSI PRESSURE DROP
SD-3	SUCTION DIFFUSER	BELL & GOSSETT	EC-3X	4" x 2.5"	5' MAX PSI PRESSURE DROP
SD-4	SUCTION DIFFUSER	BELL & GOSSETT	EC-3X	4" x 2.5"	5' MAX PSI PRESSURE DROP
PRV-1	PRESSURE REDUCING VALVE	BELL & GOSSETT	B1-12	¾"	8 - 25 PSI ADJUSTABLE
AV-1	AUTOMATIC AIR VENT	BELL & GOSSETT	81A	¾"	-
AV-2	AUTOMATIC AIR VENT	BELL & GOSSETT	67	¾"	-

NOTE 1: MIN. ACCEPTANCE VOL. = 9.83 GAL. MIN. TANK VOL. = 15.45 GAL.



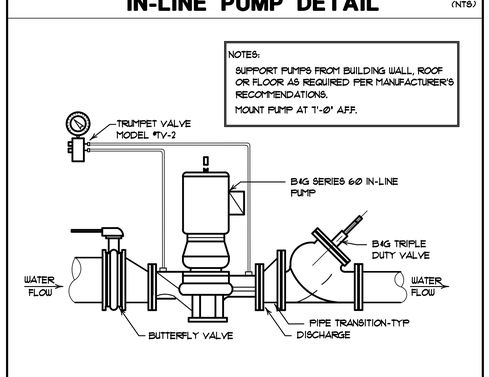
BASE MOUNTED PUMP DETAIL

(NTS)



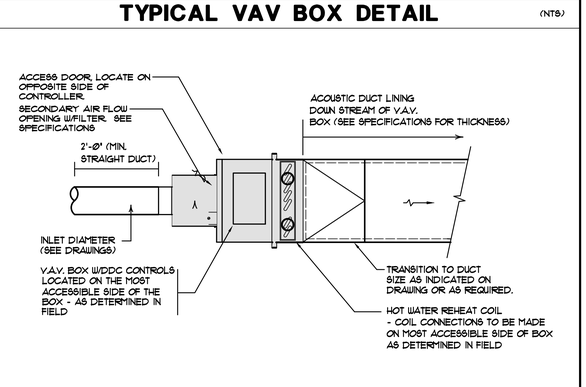
IN-LINE PUMP DETAIL

(NTS)



TYPICAL VAV BOX DETAIL

(NTS)



GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY CC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
MECHANICAL DETAILS & DIAGRAMS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
M-601

12/7/2021 9:48:49 AM
I:\CAD\21\07\21TM-601.dwg

Copyright © 2022 Millies Engineering Group

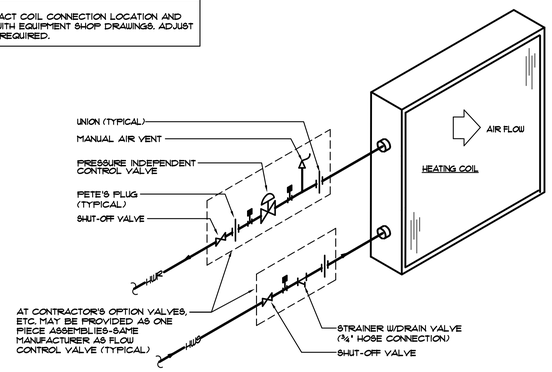
HOT WATER COIL PIPING DIAGRAM

SCHEMATIC ONLY

AD-2

TYPICAL PIPING DIAGRAM FOR HEATING COILS @ VAV BOX & UNIT HEATERS W/HW REHEAT UNITS W/ 2-WAY CONTROL VALVE & CABINET HEATERS.

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

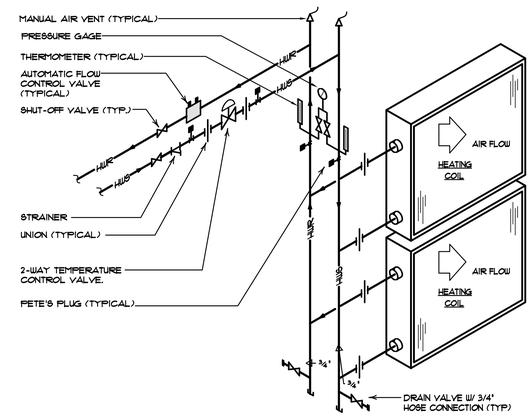


HOT WATER HEATING COIL PIPING DIAGRAM

SCHEMATIC ONLY

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

TYPICAL FOR HEATING COIL @ AIR HANDING UNIT.



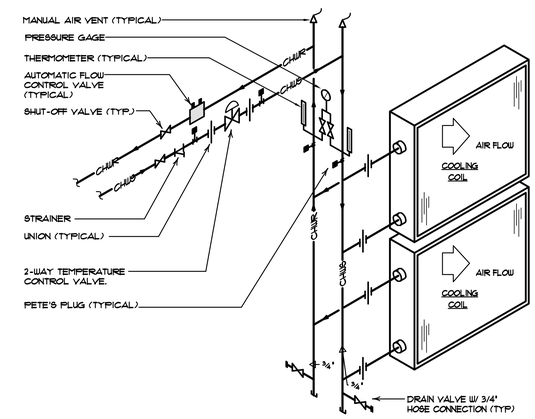
AD-2

CHILLED WATER COOLING COIL PIPING DIAGRAM

SCHEMATIC ONLY

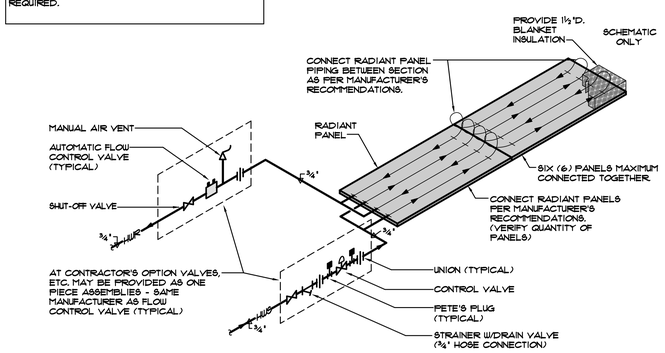
NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

TYPICAL FOR CHILLED WATER COOLING COIL @ AIR HANDING UNIT.



RADIANT PANEL PIPING DIAGRAM

NOTE:
VERIFY EXACT CONNECTION LOCATION AND QUANTITY OF SUPPLY AND RETURN TUBES WITH UNIT MANUFACTURER. ADJUST PIPING CONNECTIONS AS REQUIRED.

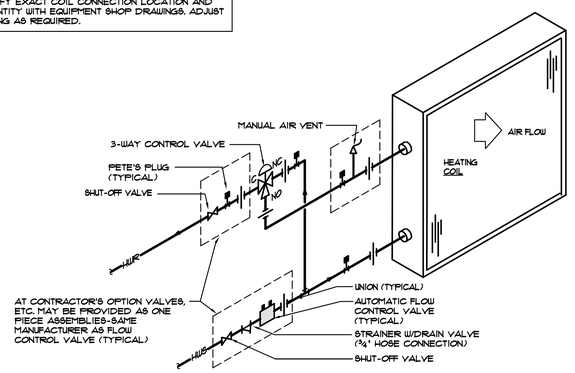


HOT WATER COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR HEATING COILS @ VAV BOX W/HW REHEAT UNITS W/ 3-WAY CONTROL VALVE.

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.



GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
CC
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
MECHANICAL DETAILS & DIAGRAMS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

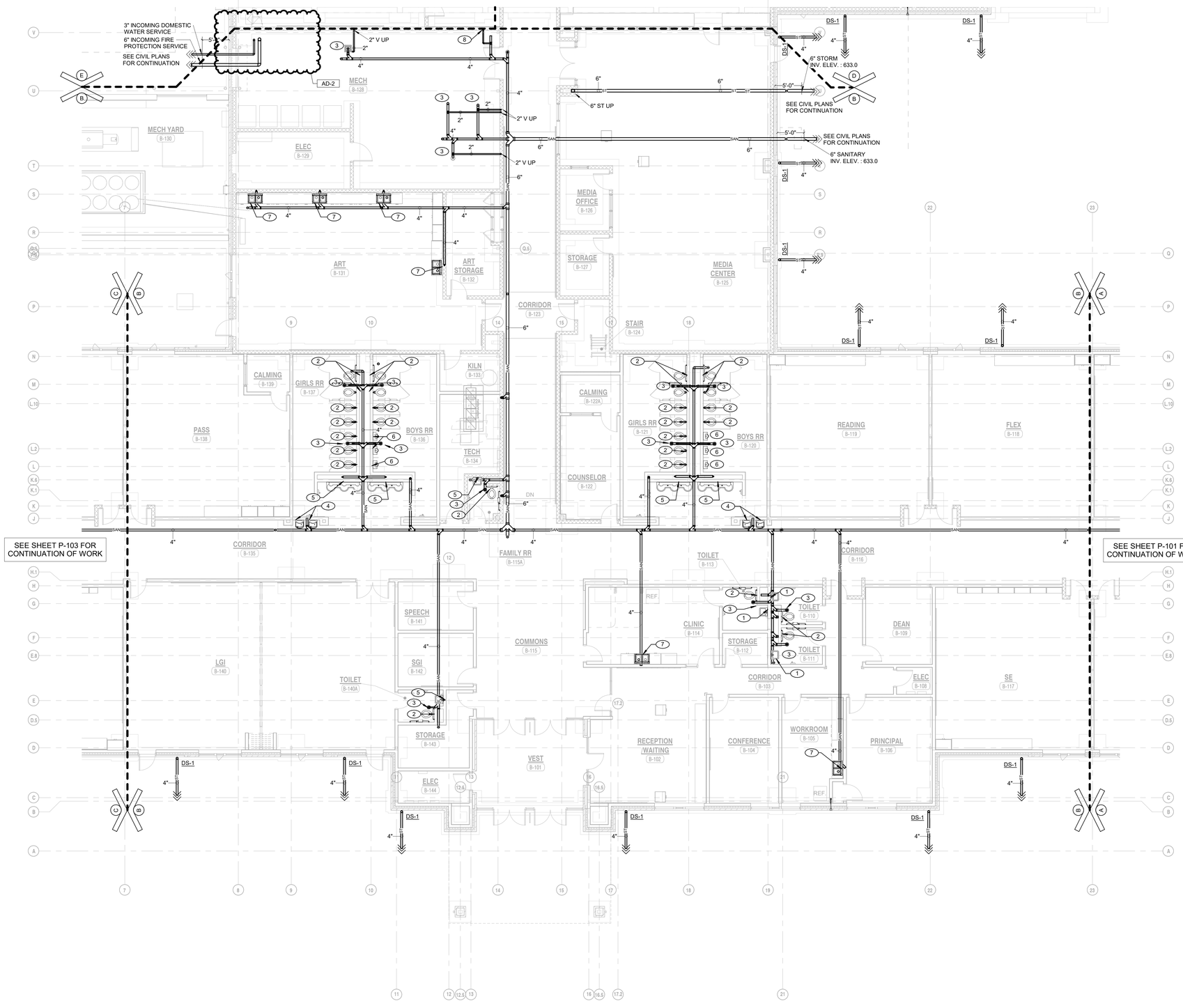
SHEET
M-602

12/7/2021 9:48:49 AM
I:\CAD\21\07121M-602.dwg

Copyright © 2022 Millies Engineering Group

SHEET NOTES

1	1-1/2" SANITARY UP TO LAVATORY
2	4" SANITARY UP TO WATER SINK
3	4" SANITARY UP TO FLOOR DRAIN
4	1-1/2" SANITARY UP TO ELECTRIC WATER COOLER
5	1-1/2" SANITARY UP TO WASH FOUNTAIN
6	2" SANITARY UP TO URINAL
7	2" SANITARY UP TO SINK
8	4" SANITARY UP TO MOP BASIN
9	2" VENT UP



1 P-102 **UNIT "B" PLUMBING UNDERFLOOR PLAN**
1/8" = 1'-0"

NORTH

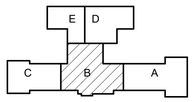
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY MDG
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. THEY SHALL NOT BE USED BY ANY PERSON OR FIRM FOR ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "B" PLUMBING UNDERFLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN B

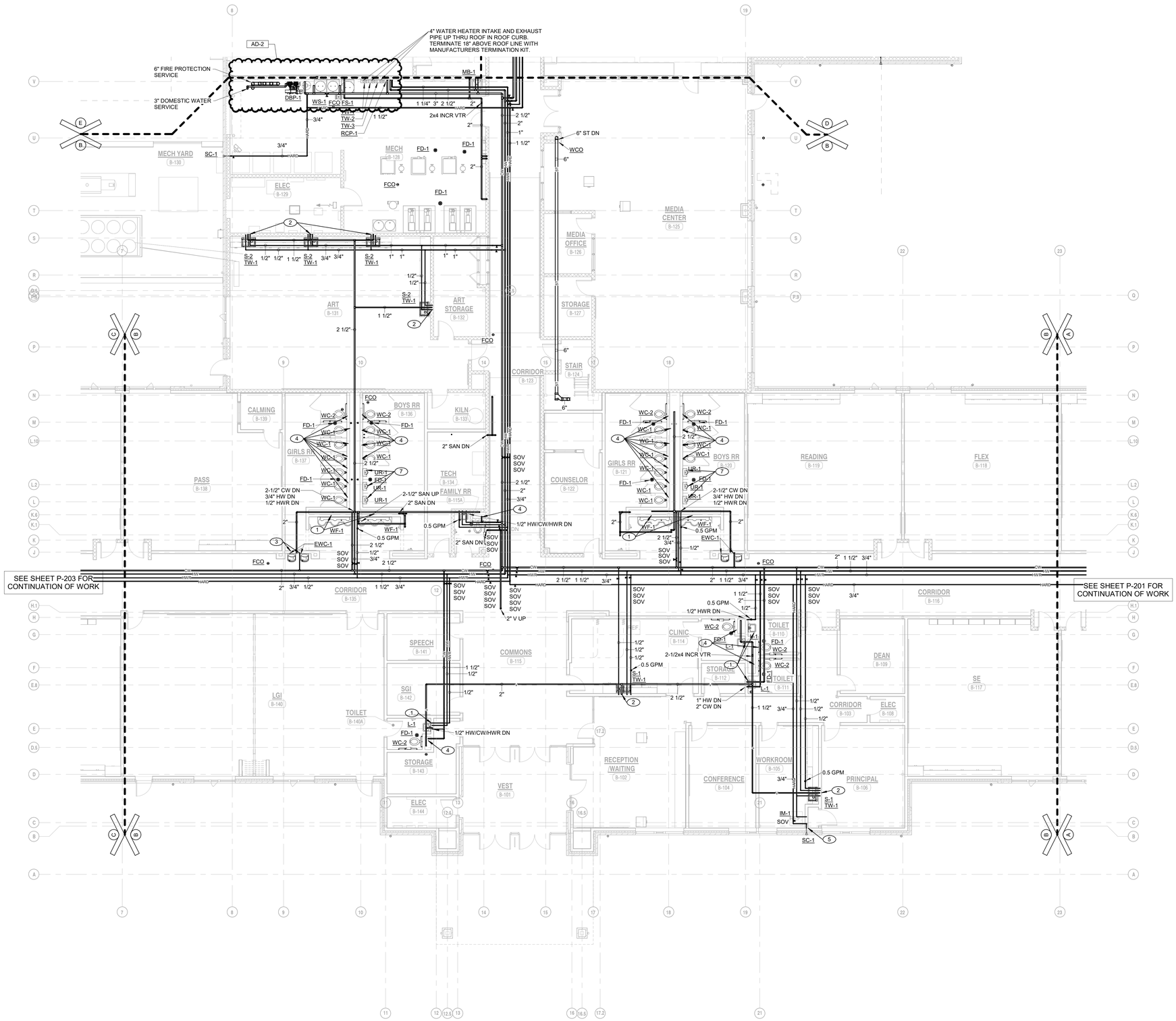
SHEET P-102

Copyright © 2022 Millies Engineering Group

4/20/2022 12:46:48 PM
C:\Users\chaan\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chaanBM98R.rvt

SHEET NOTES

1. 1/2" HW/CW DN
   1-1/2" V DN
   1-1/2" SAN DN
2. 1/2" HW/CW DN
   1-1/2" V DN
   2" SAN DN
3. 1/2" CW DN
   1-1/2" V DN
   1-1/2" SAN DN
4. 1-1/2" CW DN
   2" V DN
   4" SAN DN
5. 3/4" CW DN
6. 1/2" HW/CW DN
   2" V DN
7. 1" CW DN
   1-1/2" V DN
   2" SAN DN



1 / P-202 **UNIT "B" PLUMBING FIRST FLOOR PLAN**
1/8" = 1'-0"

NORTH

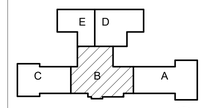
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
MDG
CHECKED BY
DJ

DAVID G. JANKE REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "B" PLUMBING FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

B

SHEET
P-202

Copyright © 2020 Milles Engineering Group

4/20/2022 12:47:22 PM
C:\Users\chasn\Documents\Revit Local Files\MEG Duneland New Yost Central File R19_chasnBM98R.rvt

PLUMBING EQUIPMENT AND FIXTURE SCHEDULE

TAG NO.	FIXTURE/EQUIPMENT TYPE	FIXTURE/EQUIPMENT DESCRIPTION	FIXTURE/EQUIPMENT MANUFACTURER AND MODEL NO.	ACCEPTABLE MANUF.	FIXTURE VALVE/FAUCET TYPE	FIXTURE VALVE/FAUCET TYPE	ACCEPTABLE MANUF.	ACCESSORIES/REMARKS (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)	ELECTRICAL DATA							
									HP	MCA	FLA	AMPS	MOCP	VOLT	PH	HZ.
WC-1	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED	AMERICAN STANDARD #2257.103	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 'G2 OPTIMA' #8116-1.6	NOTE #3	BEMIS #2155-C SEAT	-	-	-	-	-	-	-	-
WC-2	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED, ADA	AMERICAN STANDARD #2257.103	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 'G2 OPTIMA' #8111-1.6	NOTE #3	BEMIS #2155-C SEAT	-	-	-	-	-	-	-	-
UR-1	URINAL	VITREOUS CHINA, WALL MOUNTED, ADA	AMERICAN STANDARD #6501.010	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 'G2 OPTIMA' #8186-1.0	NOTE #3	-	-	-	-	-	-	-	-	-
L-1	LAVATORY	VITREOUS CHINA, WALL MOUNTED, 20"x18", ADA	AMERICAN STANDARD #0355.012	NOTE #1	ELECTRONIC BATTERY SENSOR, 4" CENTERS	SLOAN #EBF-187	NOTE #10	MCGUIRE #PU-2150-LC 1-1/2" PROTRAP, MCGUIRE #4216TCCLK SUPPLIES	-	-	-	-	-	-	-	-
WF-1	WASHFOUNTAIN	3 STATION WASHFOUNTAIN, ADA	BRADLEY #56-3N/IR/STD/L8D-3/TMA	-	INTEGRATED VALVE	-	-	W/ INFRARED METERING VALVE, STANDARD HEIGHT	-	-	-	-	-	120	1	60
EWC-1	ELECTRIC WATER COOLER	ELECTRIC WALL MOUNTED W/ BOTTLE FILLER	ELKAY #LZS8WSLP	NOTE #2	-	-	-	-	-	-	-	-	-	120	1	60
S-1	SINK	TWO COMPARTMENT STAINLESS STEEL SINK, 33"x19"x6"	ELKAY #LRADQ-3319	NOTE #3	2 HANDLE, HIGH GOOSENECK	ELKAY #LKD2442BHC	NOTE #10	MCGUIRE #B-8912-CSDF P-TRAP, MCGUIRE #4216TCCLK SUPPLIES	-	-	-	-	-	-	-	-
S-2	SINK	TWO COMPARTMENT UNDERMOUNT, 31-3/4" X 16-1/2" X 5-3/8"	ELKAY #ELUHAD321655	NOTE #3	2 HANDLE, HIGH GOOSENECK	ELKAY #LKD2442BHC	NOTE #4	MCGUIRE #B-8912-CSDF P-TRAP, MCGUIRE #4216TCCLK SUPPLIES, JOSAM #61030 SOLIDS INTERCEPTOR	-	-	-	-	-	-	-	-
MB-1	MOP BASIN	MOLDED STONE, 36"x36"x10"	FIAT MSB-3636	NOTE #4	WALL MOUNTED SERVICE FAUCET	CHICAGO FAUCET CO. #897	NOTE #10	W/ 3/4" HOSE THREAD, VACUUM BREAKER, WALL BRACE	-	-	-	-	-	-	-	-
SS-1	SERVICE SINK	VITREOUS CHINA WALL MOUNTED, 22"x20"x13-1/2"D	AMERICAN STANDARD #7695.008 AD-2	-	WALL MOUNTED SERVICE FAUCET	CHICAGO FAUCET CO. #897-CP	NOTE #10	W/ 3/4" HOSE THREAD, VACUUM BREAKER, WALL BRACE	-	-	-	-	-	-	-	-
PB-1	PLUMBERS BOX	FOR CLOTHES WASHER	GUY GRAY #B200T6	-	-	-	-	-	-	-	-	-	-	-	-	-
FD-1	FLOOR DRAIN	CAST IRON BODY, ADJUSTABLE 6"x6" NICKEL BRONZE TOP	WADE #1100-G6	NOTE #5	-	-	-	VANDALPROOF SCREWS, PLUGGED TRAP PRIMER	-	-	-	-	-	-	-	-
FS-1	FLOOR SINK	CAST IRON, 8-1/8" DEEP, ACID RESISTING, 12"x12" TOP	WADE #3140	NOTE #5				ALUMINUM DOME STRAINER, SECURED HINGED GRATE, SLOPED RIM	-	-	-	-	-	-	-	-
SC-1	SILLCOCK	NON-FREEZE, VACUUM BREAKER, REMOVABLE KEY	WADE #8600	NOTE #6	-	-	-	-	-	-	-	-	-	-	-	-
RD-1	ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB #R1200-EU	NOTE #5	-	-	-	-	-	-	-	-	-	-	-	
OFRD-1	OVERFLOW ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB #R1200-U	NOTE #5	-	-	-	-	-	-	-	-	-	-	-	
WS-1	WATER SOFTENER	10 GPM @ 15PSI, 90 GPM @ 25PSI, 30"x50" HEIGHT BRINE TANK	CULLIGAN #CTM-300-FF DUPLEX SOFTENER	-	-	-	-	-	-	-	-	-	-	120	1	60
DBP-1	DOMESTIC BOOSTER PUMP	100 GPM @ 45 PSI DISCHARGE W/ SUCTION @ 35 PSI (EACH)	METROPOLITAN #GMT-W-55PHI-65	NOTE #11	-	-	-	W/ 120 GAL HYDROPNEUMATIC TANK, 3" SUCTION, 3" DISCHARGE, 1" MIN. SHUT-OFF HEAD	(2) 3	-	-	-	-	480	3	60
TW-1	TEMPERED WATER VALVE	TEMPERED WATER VALVE	BRADLEY #853-4000A TMV	NOTE #7	-	-	-	VALVE RATED AT 2 GPM @ 5 PSI PRESSURE DROP (MIN. FLOW @5 GPM)	-	-	-	-	-	-	-	-
TWH-1	TANKLESS WATER HEATER	199 MBH, 5.6 GPM @ 70 DEGREE RISE (GAS FIRED)	NAVIEN #NPE-240A2	-	- AD-2	-	-	ISOLATION KIT, TEMP. RELIEF VALVE, DRAIN VALVE AND CONDENSATE PIPED TO FLOOR DRAIN	-	-	-	2	-	120	1	60
TWH-2	TANKLESS WATER HEATER	199 MBH, 5.6 GPM @ 70 DEGREE RISE (GAS FIRED)	NAVIEN #NPE-240A2	-	-	-	-	ISOLATION KIT, TEMP. RELIEF VALVE, DRAIN VALVE AND CONDENSATE PIPED TO FLOOR DRAIN	-	-	-	2	-	120	1	60
TWH-3	TANKLESS WATER HEATER	199 MBH, 5.6 GPM @ 70 DEGREE RISE (GAS FIRED)	NAVIEN #NPE-240A2	-	-	-	-	ISOLATION KIT, TEMP. RELIEF VALVE, DRAIN VALVE AND CONDENSATE PIPED TO FLOOR DRAIN	-	-	-	2	-	120	1	60
RCP-1	RECIRCULATING PUMP	11.5 GPM @ 30 HEAD, ALL BRONZE CONSTRUCTION	B&G #PL-36	NOTE #8	-	-	-	W/ STRAP ON AQUASTAT	1/6	-	-	-	-	120	1	60

NOTE #1: GERBER, CRANE, KOHLER, ZURN
NOTE # 2: OASIS, HAWS, SUNROC
NOTE #3: JUST
NOTE #4: MUSTEE, SWAN
NOTE #5: ZURN, JOSAM, J.R. SMITH, MIFAB
NOTE #6: JOSAM, ZURN, J.R. SMITH, WOODFORD
NOTE #7: LEONARD, POWERS, LAWLER
NOTE #8: METROPOLITAN, TACO
NOTE #9: ZURN, TOTO
NOTE #10: ZURN, DELTA, T&S BRASS, CHICAGO FAUCET CO.
NOTE #11: AMT, B&G

⬡ PLUMBING KITCHEN EQUIPMENT SCHEDULE

CONN. NO.	CONNECT TO	COLD WATER	HOT WATER	WASTE	FLOOR DRAINS	REMARKS
5	WALL MOUNTED HAND SINK	½"	½"	1½"	-	-
16	FREEZER DUNNAGE RACK	-	-	-	-	-
17	WALK-IN COOLER COIL	-	-	-	FD-1	-
18	WALK-IN FREEZER COIL	-	-	-	FD-1	-
25	DISHMACHINE W/BOOSTER HEATER	½"	½"	-	FS-1	-
26	DISH MACHINE BLOWER DRYER	-	-	-	FS-1	-
27	SOILED DISH TABLE W/SCRAP SINK/TROUGH	-	-	-	-	-
28	PRE-RINSE FAUCET	½"	½"	-	-	-
29.1	DISPOSER	½"	-	-	-	-
31	THREE COMPARTMENT SINK	-	-	-	-	-
31.1	SPLASH MOUNTED FAUCET	½"	½"	-	FS-1	-
33	MOP SINK	-	-	-	-	-
33.1	MOP FAUCET	½"	½"	4"	-	-
43	ISLAND WORK TABLE WITH SINKS CUSTOM	-	-	-	-	-
44	SPLASH MOUNT FAUCET	½"	½"	-	FS-1	-
45	HOT WATER DISPENSER	½"	-	-	-	-
46	ISLAND WORK TABLE WITH SINK CUSTOM	-	-	-	-	-
53	WALL MOUNTED HOSE REEL	½"	½"	-	-	-
56	COMBI OVEN W/ STAND	¾"	¾"	-	FS-1	-
63	DROP IN HOT WELL	-	-	-	FS-1	-
67	DROP IN FROST TOP	-	-	-	FS-1	-
70	DROP IN HOT WELL	-	-	-	FS-1	-
74	DROP IN FROST TOP	-	-	-	FS-1	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

THIS CONTRACTOR SHALL PROVIDE ALL ROUGH-IN AND FINAL SERVICES AND CONNECT ALL WATER LINES, WASTE LINES, INDIRECT PIPING, ETC. FOR FIXTURES AND KITCHEN EQUIPMENT ITEMS. PROVIDE AND INSTALL ALL VALVES, STOPS, TRAPS, AND PRESSURE REGULATORS NECESSARY TO CONNECT LINES. FOR FURTHER INFORMATION AND DESCRIPTION OF KITCHEN EQUIPMENT BEING SUPPLIED REFER TO ARCHITECTURAL DRAWINGS, KITCHEN EQUIPMENT DRAWINGS, AND ENLARGED KITCHEN AREA DRAWINGS.

GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY MDG
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/20/22	ADDENDUM NO. 2

DRAWING
PLUMBING SCHEDULES

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

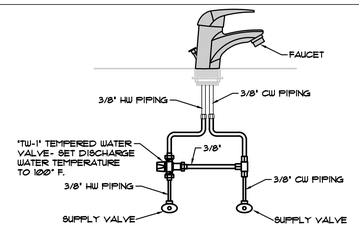
SHEET
P-501

Copyright © 2022 Millies Engineering Group

12/7/2021 9:48:49 AM
I:\CAD\21\07127\P-501.dwg

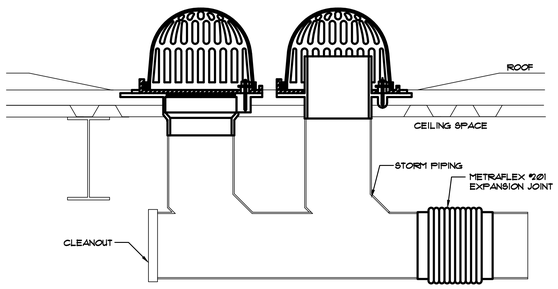
TEMPERED WATER VALVE DIAGRAM

NTS



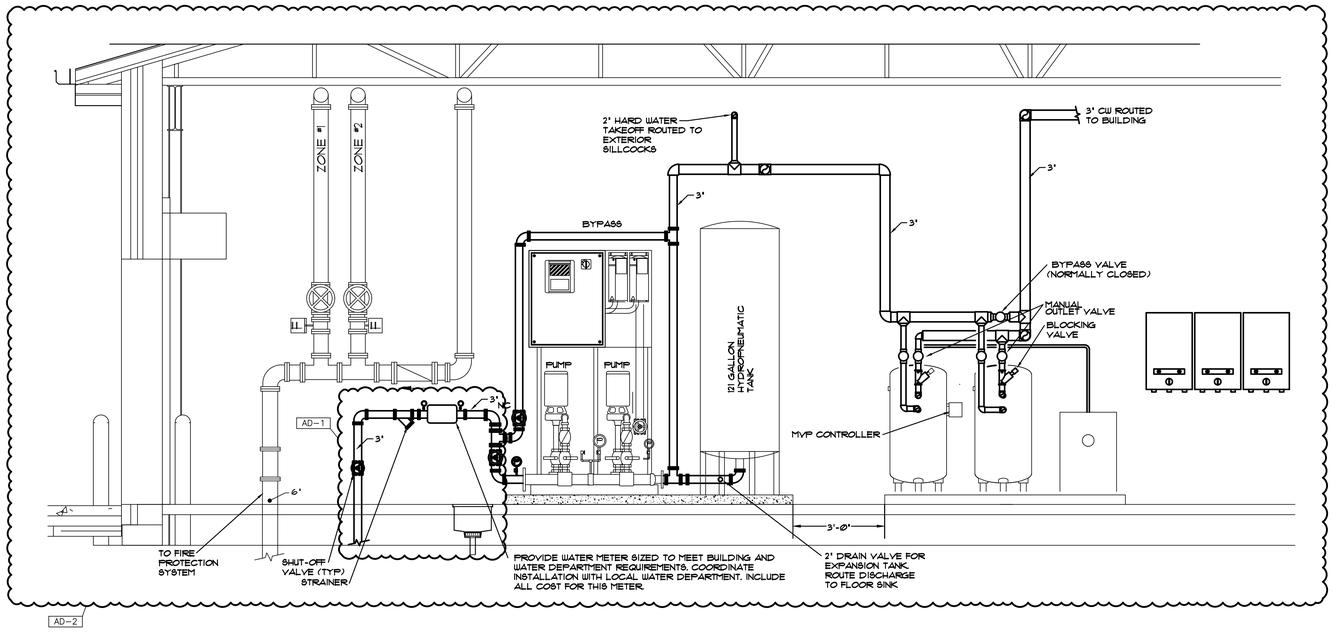
ROOF AND OVERFLOW DRAIN DETAIL

NTS



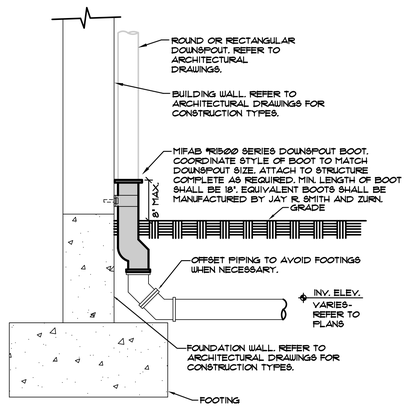
INCOMING DOMESTIC WATER SERVICE DIAGRAM

NTS



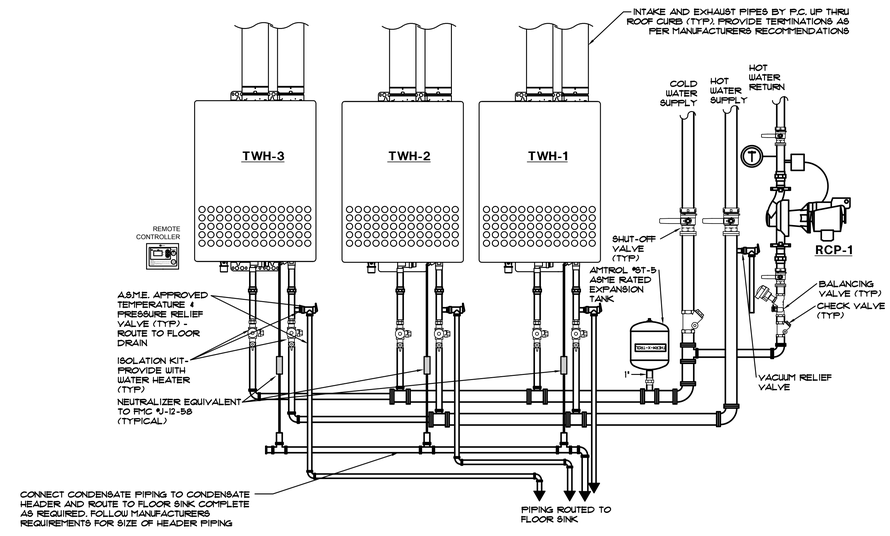
DOWNSPOUT STORM CONNECTION DETAIL

NTS



TANKLESS WATER HEATER DIAGRAM

NTS



GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY MDG
CHECKED BY DJ

DAVID G. JARMER REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/20/22	ADDENDUM NO. 2

DRAWING
PLUMBING DETAILS & DIAGRAMS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

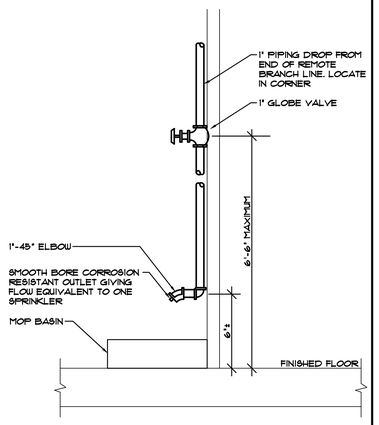
SHEET
P-601

Copyright © 2020 Millies Engineering Group

12/7/2021 9:48:49 AM
I:\CAD\21071\7\P-601.dwg

INSPECTOR'S TEST PIPE DETAIL

NTS



GENERAL NOTES

A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, STATE FIRE PROTECTION CODES, THE LATEST NFPA 13 REQUIREMENTS.

B. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER - REFER TO THE SCOPE OF WORK FOR EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGERS SCOPE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.

C. THE ENTIRE BUILDING OR THE NEW ADDITIONS SHALL BE FURNISHED AND INSTALLED WITH A COMPLETE AUTOMATIC SPRINKLER SYSTEM. EXISTING, REMODELED AND NEW ADDITION AREAS OF THIS BUILDING SHALL BE COVERED INCLUDING TUNNEL, ATTIC, CRAWLSPACE AND INTERSTITIAL SPACES.

D. THE BUILDING HAS MULTIPLE OCCUPANCY CLASSIFICATIONS AND THE SPRINKLER SYSTEM SHALL BE DESIGNED FOR EACH CLASSIFICATION ACCORDING TO NFPA REQUIREMENTS. FOR PORTIONS OF THE FACILITY WITH AREAS OF DIFFERENT CLASSIFICATIONS THAT ARE NOT PHYSICALLY SEPARATED BY A BARRIER OR PARTITION, THE REQUIRED SPRINKLER PROTECTION FOR THE MORE DEMANDING AREA SHALL EXTEND 15'-0" BEYOND ITS PERIMETER.

1. GENERAL AREAS ARE LIGHT HAZARD, 0.10 GPM/SQFT. FOR THE MOST REMOTE 1500 SQFT.
2. KITCHEN AREA IS ORDINARY HAZARD (GROUP 1), 0.15 GPM SQFT. FOR THE MOST REMOTE 1500 SQFT.

E. LAYOUT IS DIAGRAMMATIC. INSTALL PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.

F. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR HVAC DIFFUSER LAYOUT AND ELECTRICAL SPECIALTY DEVICES IN CONJUNCTION WITH ELECTRICAL LIGHTING, SPRINKLER HEAD LAYOUT, AND CEILING GRID SYSTEM.

G. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) PRIOR TO ORDERING ANY EQUIPMENT.

H. INSTALL ELECTRIC ALARM DEVICES AND SUPERVISORY DEVICES. COORDINATE WIRING OF DEVICES.

I. SPRINKLER HEADS IN FINISHED CEILING SPACES SHALL BE CONCEALED TYPE. SPRINKLER HEADS IN UNFINISHED SPACES SHALL BE PENDENT, UPRIGHT, OR SIDEWALL TYPE.

J. SPRINKLER HEADS LOCATED IN SUSPENDED LAY-IN CEILING SYSTEMS SHALL BE CENTERED IN EACH RESPECTIVE TILE. PROVIDE 6" SWINGS TO PLACE THE SPRINKLER IN THE CENTER OF THE TILE.

K. PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI OVER THE MAXIMUM OPERATING PRESSURE, WHICHEVER IS GREATER, FOR A PERIOD OF TWO HOURS

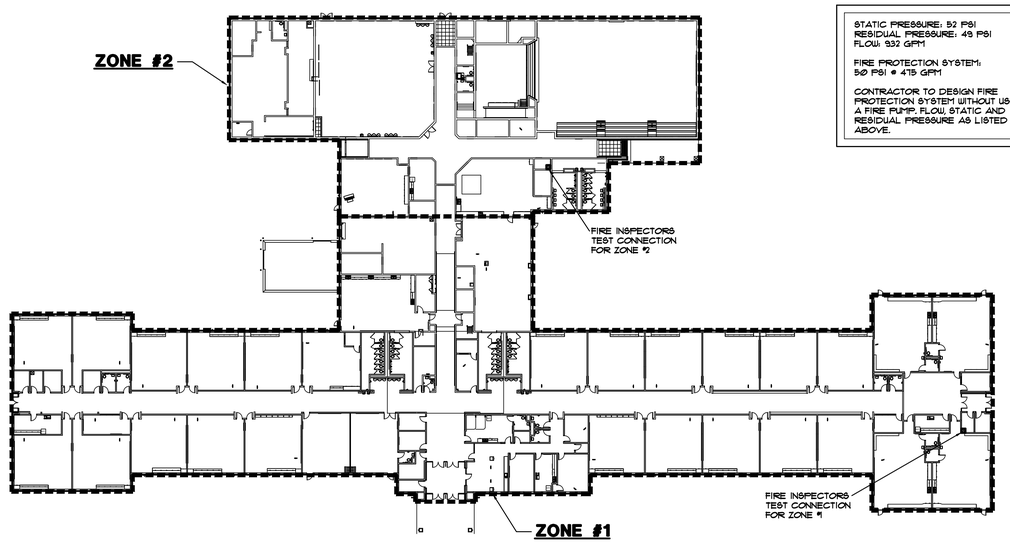
L. PIPES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE LATEST NFPA 13.

M. PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

N. WET SYSTEM PIPING SHALL BE INSTALLED LEVEL, TO DRAIN BACK TO THE SYSTEM RISER. TRAPPED SECTIONS OF PIPING SHALL HAVE AUXILIARY DRAIN CONNECTIONS IN ACCORDANCE WITH LATEST NFPA 13.

O. PROVIDE 1" INSPECTOR'S TEST CONNECTIONS FOR EACH ZONE TO ALLOW THE FLOW TESTING OF THE WATER FLOW INDICATOR SWITCH IN THE SPRINKLER RISER. THE TEST CONNECTION SHALL HAVE A 1" GLOBE VALVE LOCATED AT 7'-0" ABOVE THE FLOOR AND SHALL BE ARRANGED TO DISCHARGE THROUGH A 1/2" SMOOTH BORE BRASS BUSHING.

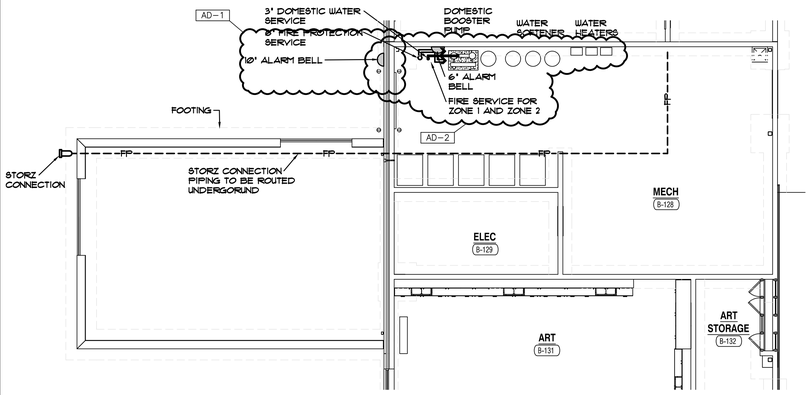
FIRE PROTECTION ZONING PLAN / FIRE INSPECTORS TEST CONNECTION



STATIC PRESSURE: 52 PSI
RESIDUAL PRESSURE: 49 PSI
FLOW: 932 GPM

FIRE PROTECTION SYSTEM:
50 PSI @ 475 GPM

CONTRACTOR TO DESIGN FIRE PROTECTION SYSTEM WITHOUT USE OF A FIRE PUMP. FLOW, STATIC AND RESIDUAL PRESSURE AS LISTED ABOVE.



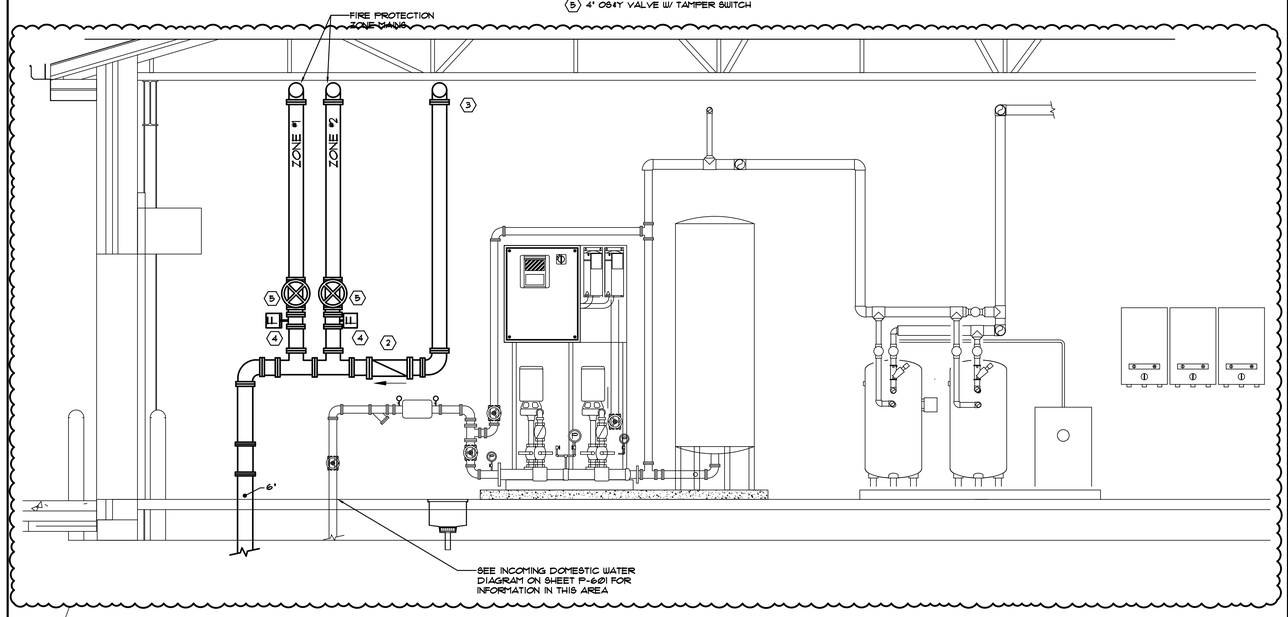
ENLARGED FIRST FLOOR PLAN - FIRE PROTECTION

SCALE: 1/8"=1'-0"

INCOMING FIRE PROTECTION SERVICE DIAGRAM

NTS

1. 6" FIRE PROTECTION SERVICE
2. 4" CHECK VALVE
3. 4" FIRE DEPARTMENT WALL MOUNTED SIAMESE/STORZ CONNECTION
4. FLOW SWITCH
5. 4" OS&Y VALVE W/ TAMPER SWITCH



AD-1
AD-2

GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN
MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
MDG
CHECKED BY
DJ

DAVID G. JANKOV REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/20/22	ADDENDUM NO. 2

DRAWING
FIRE PROTECTION ZONING PLAN, DETAILS, SYMBOLS & ABBREVIATIONS

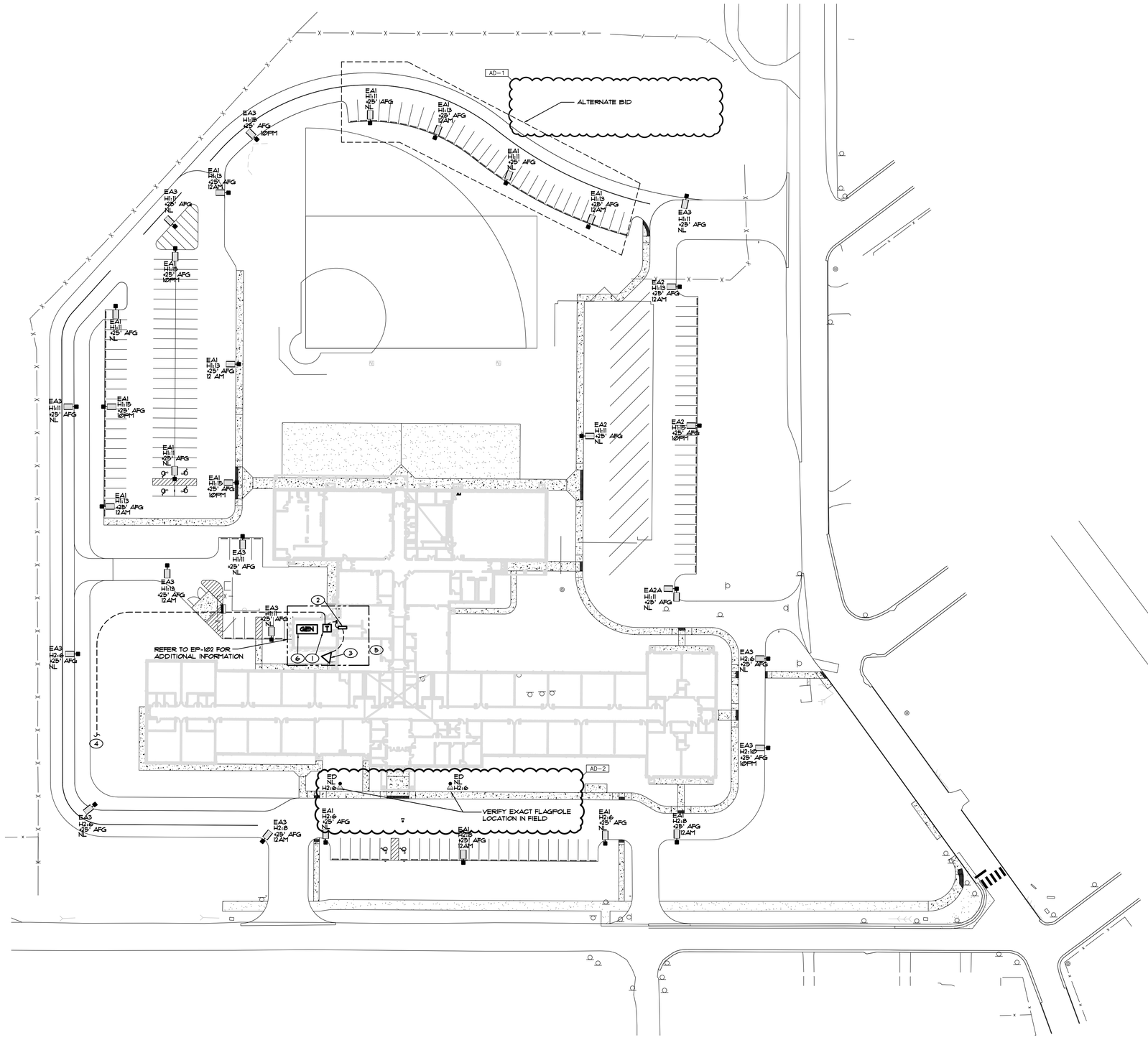
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
FP-001

Copyright © 2022 Millies Engineering Group

12/7/2021 9:48:49 AM
I:\CAD\21\07121\FP-001.DWG



ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"

NORTH

GENERAL NOTES

1. ALL CONDUIT BEYOND THE DISTURBED FIELD AREA AND BELOW EXISTING PAVEMENT TO REMAIN SHALL BE DIRECTIONAL BORED.
2. EXACT ROUTING OF THE SECONDARY FEEDERS FROM THE TRANSFORMER TO THE SWITCHBOARD SHALL BE VERIFIED WITH AHJ FOR ACCEPTABILITY PRIOR TO INSTALLATION.
3. VERIFY EXACT LOCATION OF THE METER AND CT CABINET WITH THE UTILITY COMPANY.
4. SITE LIGHTING CONDUCTORS SHALL BE #8 AWG MINIMUM, AND SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.
5. UNLESS OTHERWISE NOTED, ROUTE LIGHTING TO CIRCUITS INDICATED VIA TIME CLOCK, CONTACTORS AND PHOTOCELL.
6. REFER TO SITE LIGHTING POLE AND FLOOD LIGHT DETAILS FOR ADDITIONAL INFORMATION.
7. CAREFULLY VERIFY BASE SIZE FOR EACH FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
8. ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE EXACT LAYOUT OF TRANSFORMER, METERING EQUIPMENT AND GENERATOR IN OUTDOOR YARD WITH ARCHITECT AND MECHANICAL CONTRACTOR NO LATER THAN 14 DAYS AFTER CONTRACT AWARD AND PRIOR TO ORDERING OF ANY EQUIPMENT.
9. REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY SITE WORK AND PROVIDE RACEWAY AND HAND-HOLE ROUGH-INS AS INDICATED.
10. ALL SITE PLAN LIGHTING PREFIXED H2 TO BE CIRCUITED TO PANEL "H2"
11. ALL SITE PLAN LIGHTING PREFIXED H1 TO BE CIRCUITED TO PANEL "H1"

SHEET NOTES

1. UTILITY COMPANY PAD MOUNTED SERVICE TRANSFORMER FURNISH AND INSTALL TRANSFORMER PAD PER UTILITY COMPANY STANDARDS AND SPECIFICATIONS, INCLUDING GROUNDING, PAD SIZE, ETC.
2. APPROXIMATE LOCATION OF MAIN SWITCH BOARD (MSWB), CT SECTION AND METER.
3. SECONDARY FEEDERS ROUTED FROM THE MSWB TO THE UTILITY TRANSFORMER, REFER TO THE TRENCH DETAIL AND THE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
4. PROVIDE TWO (2) 4" PVC CONDUITS TO PROPERTY LINE FOR UTILITY COMPANY PRIMARY SERVICE ENTRANCE CABLE. VERIFY LOCATION IN FIELD WITH UTILITY COMPANY PRIOR TO ROUGH-IN. CAREFULLY LOCATE ALL UNDERGROUND UTILITIES AND COORDINATE WORK TO AVOID ANY CONFLICTS. PROVIDE PULL BOXES AT LOCATIONS INDICATED BY THE UTILITY COMPANY. PULL BOX SHALL MATCH THE UTILITY COMPANY STANDARDS.
5. GROUND TRIAD. VERIFY EXACT LOCATION IN FIELD.
6. APPROXIMATE LOCATION OF EMERGENCY GENERATOR.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
MS
CHECKED BY
DJ

DAVID G. JANNIVY
REGISTERED
NO.
10302590
STATE OF
INDIANA
PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. THEY SHALL NOT BE USED BY ANY PERSON FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
ELECTRICAL SITE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

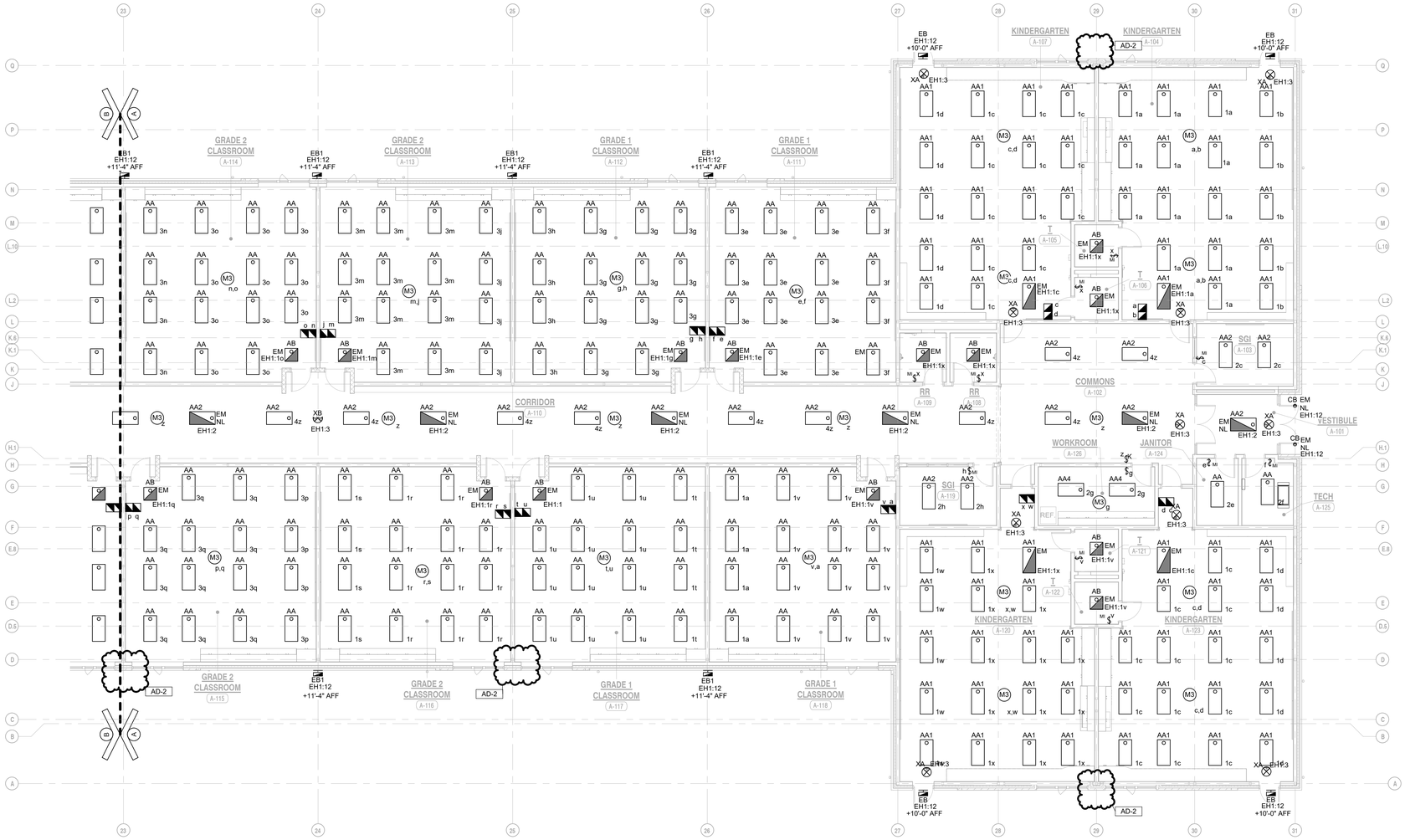
SHEET
E-002

12/7/2021 9:48:49 AM
I:\CAD\21071127\E-002.dwg

Copyright © 2020 Millies Engineering Group

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL H2 UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM-H' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H1.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H1.
5. CIRCUIT TAGS WITH AN 'EH1' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EM-H1. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES TO PANEL EM-H1 VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'EH1' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL EM-H1 VIA TIMECLOCK, CONTACTORS, PHOTOCELL AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.



1 UNIT "A" ELECTRICAL LIGHTING FIRST FLOOR PLAN

EL101 1/8" = 1'-0"

NORTH

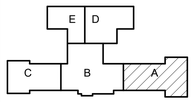
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MS
DRAWN BY BoK
CHECKED BY DJ

DAVID G. JANNIV REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "A" ELECTRICAL LIGHTING FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN
A

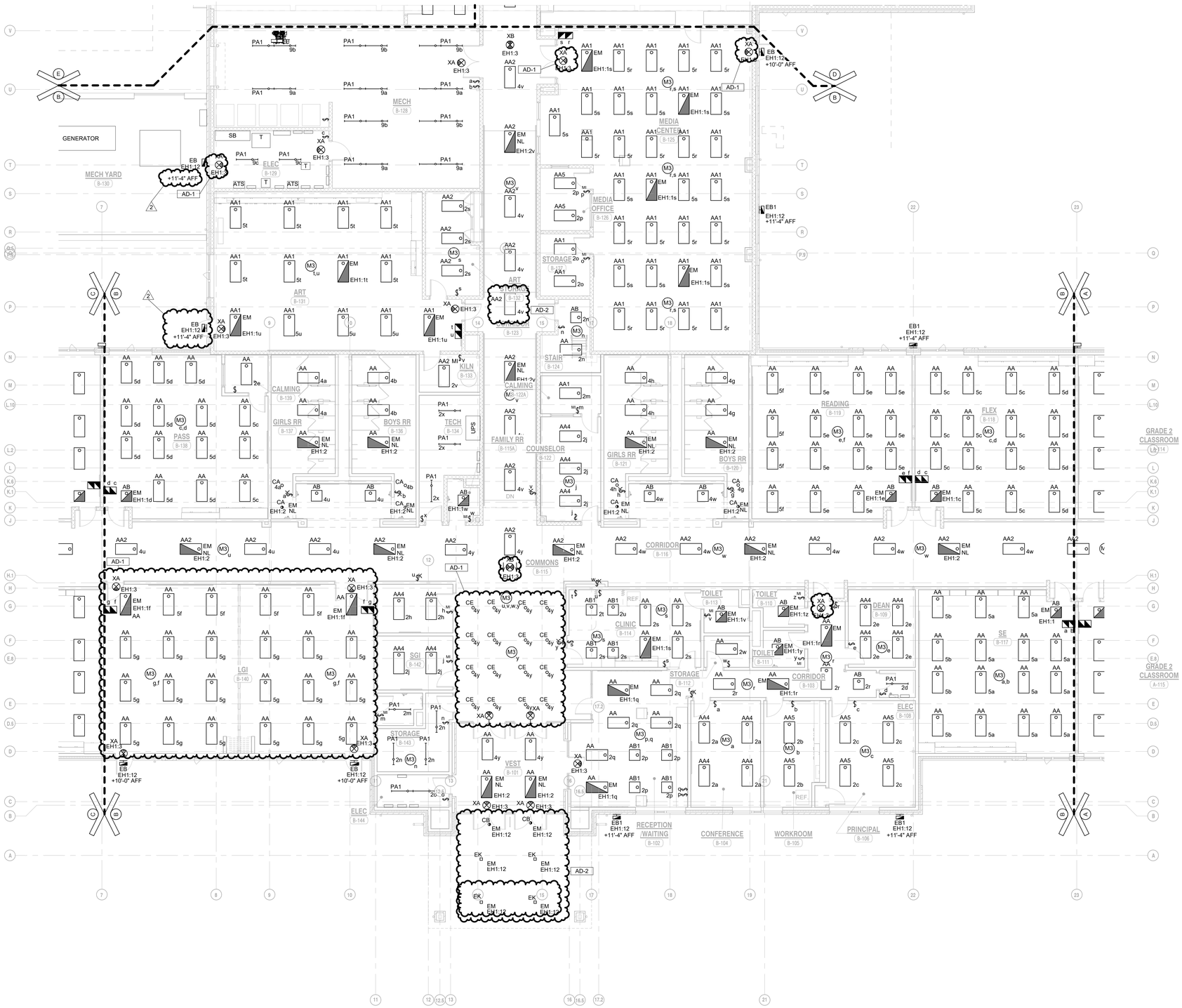
SHEET
EL101

Copyright © 2022 Millies Engineering Group

4/20/2022 1:32:16 PM
C:\Users\agidcumb\Documents\MEG Duneland New Yost Central File R19_meg.cad4RACWE.rvt

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL H2 UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM-H1' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H1.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H1.
5. CIRCUIT TAGS WITH AN 'EH1' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EM-H1. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES TO PANEL EM-H1 VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'EH1' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL EM-H1 VIA TIMECLOCK, CONTACTORS, PHOTOCELL AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.



1 UNIT "B" ELECTRICAL LIGHTING FIRST FLOOR PLAN

EL102 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MS
DRAWN BY BoK
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. THEY SHALL NOT BE USED BY ANY PERSON FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "B" ELECTRICAL LIGHTING FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

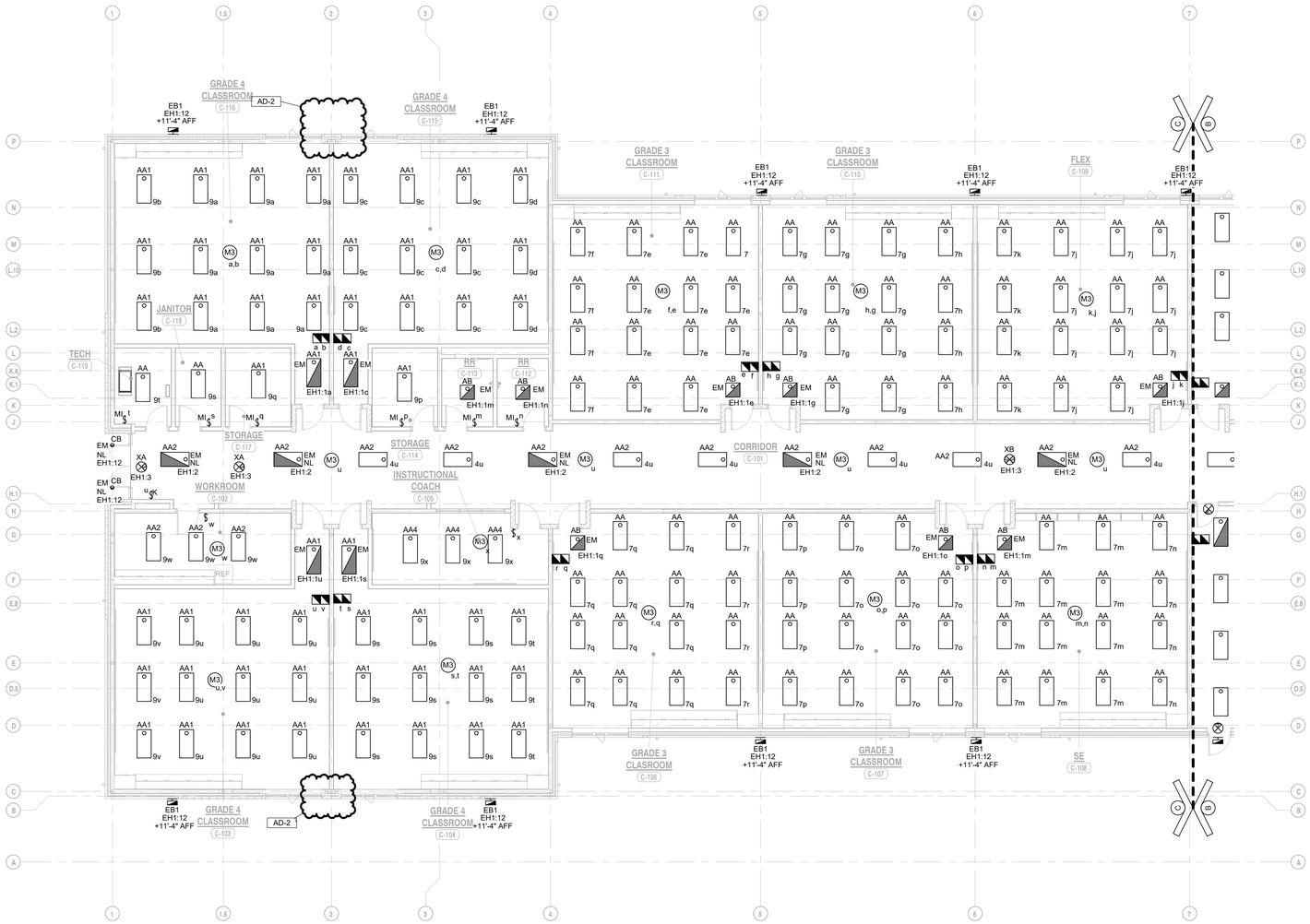
SHEET
B EL102

Copyright © 2022 Millies Engineering Group

4/20/2022 8:26:28 PM
C:\Users\mswinski\Documents\MEG Duneland New Yost Central File R19_meg.cat2.rvt

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL H2 UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM-H1' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H1.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H1.
5. CIRCUIT TAGS WITH AN 'EH1' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EM-H1. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES TO PANEL EM-H1 VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'EH1' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL EM-H1 VIA TIMECLOCK, CONTACTORS, PHOTOCELL AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.



1 EL103 **UNIT "C" ELECTRICAL LIGHTING FIRST FLOOR PLAN**
1/8" = 1'-0"

NORTH

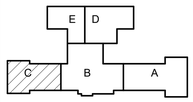
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MS
DRAWN BY BoK
CHECKED BY DJ

DAVID G. JANKE REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "C" ELECTRICAL LIGHTING FIRST FLOOR PLAN

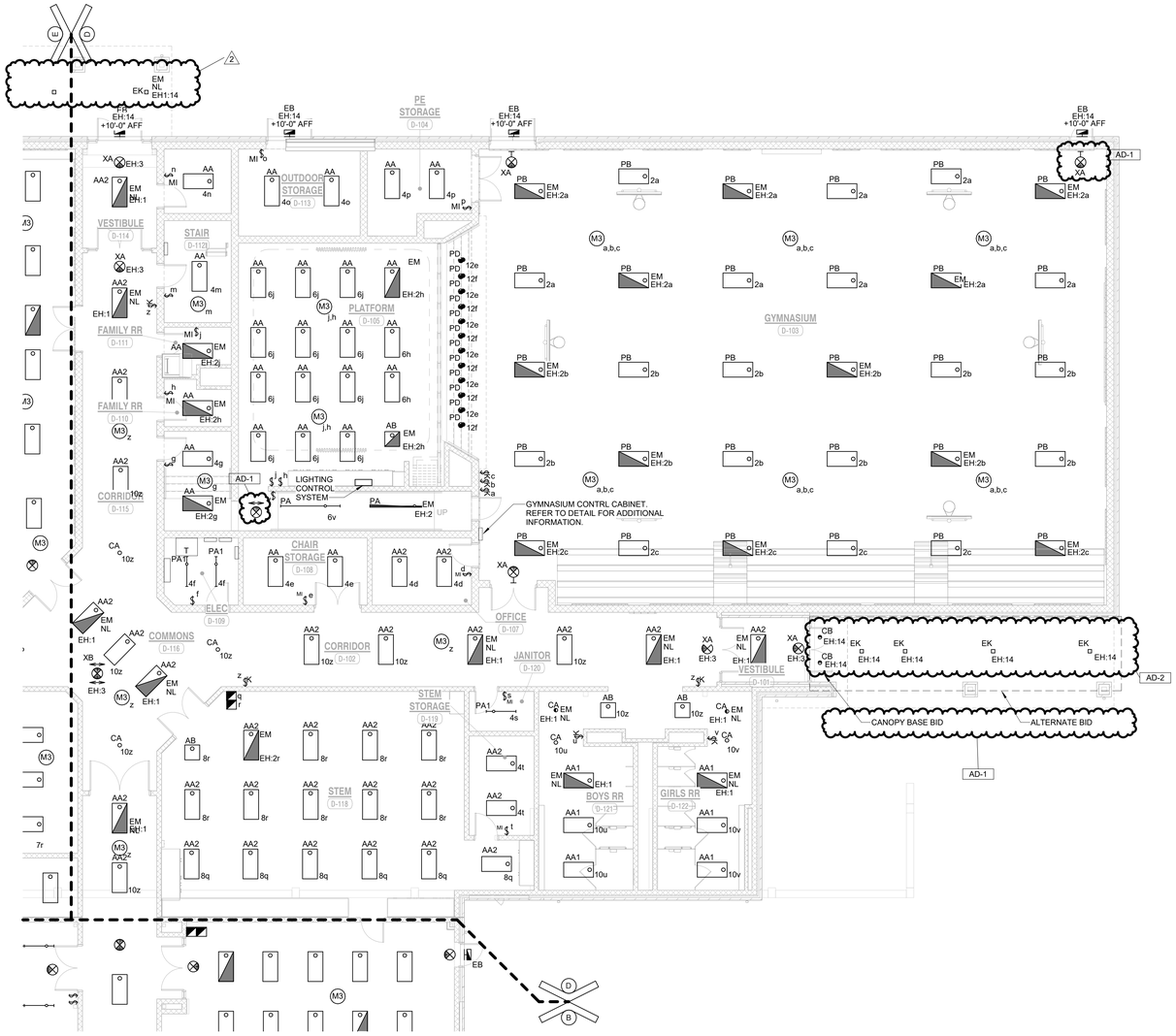
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C
EL103

Copyright © 2022 Millies Engineering Group

4/20/2022 1:32:28 PM
C:\Users\sagidcumb\Documents\MEG Duneland New Yost Central File R19_meg.cad4RACWE.rvt



GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL H1 UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM-H' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H.
5. CIRCUIT TAGS WITH AN 'EH' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EM-H. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES TO PANEL EM-H VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'EH' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL EM-H VIA TIMECLOCK, CONTACTORS, PHOTOCELL AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.

1 EL104 UNIT "D" ELECTRICAL LIGHTING FIRST FLOOR PLAN

1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

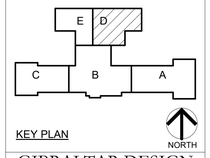
MILLIES ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN



GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MS
DRAWN BY
BoK
CHECKED BY
DJ

REGISTERED NO. 10302590 STATE OF INDIANA DAVID G. JANNEY PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "D" ELECTRICAL LIGHTING FIRST FLOOR PLAN

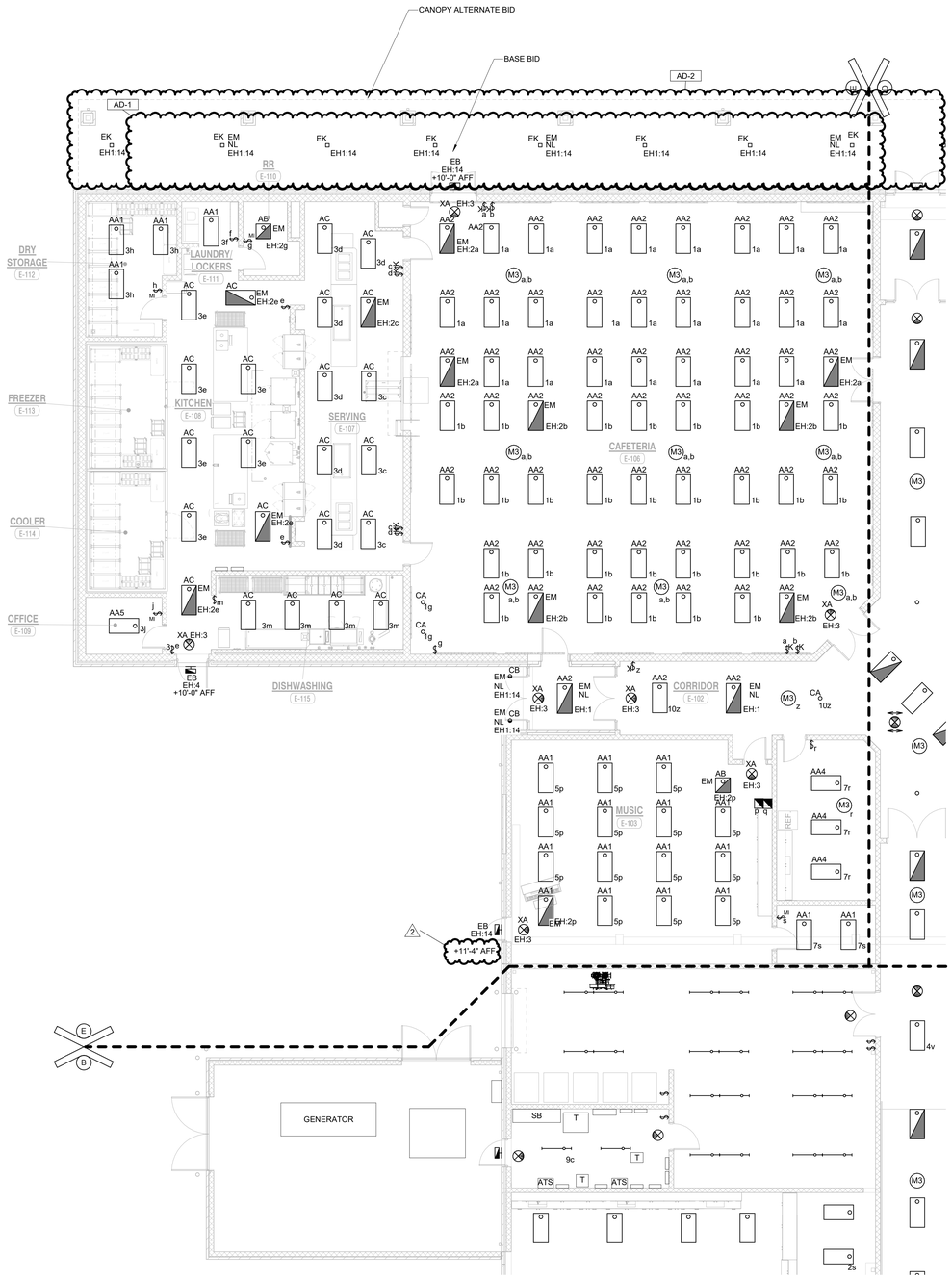
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
D
EL104

Copyright © 2020 Millies Engineering Group

4/20/2022 8:24:24 PM
C:\Users\mswinski\Documents\MEG Duneland New Yost Central File R19_meg.cat2.rvt



1 EL105 UNIT "E" ELECTRICAL LIGHTING FIRST FLOOR PLAN

1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL H1 UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM-H' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H1.
5. CIRCUIT TAGS WITH AN 'EH' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EM-H. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES TO PANEL EM-H VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'EH' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL EM-H VIA TIMECLOCK, CONTACTORS, PHOTOCELL AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LCTATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.

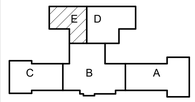
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MS
DRAWN BY BoK
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "E" ELECTRICAL LIGHTING FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
E
EL105

Copyright © 2022 Millies Engineering Group

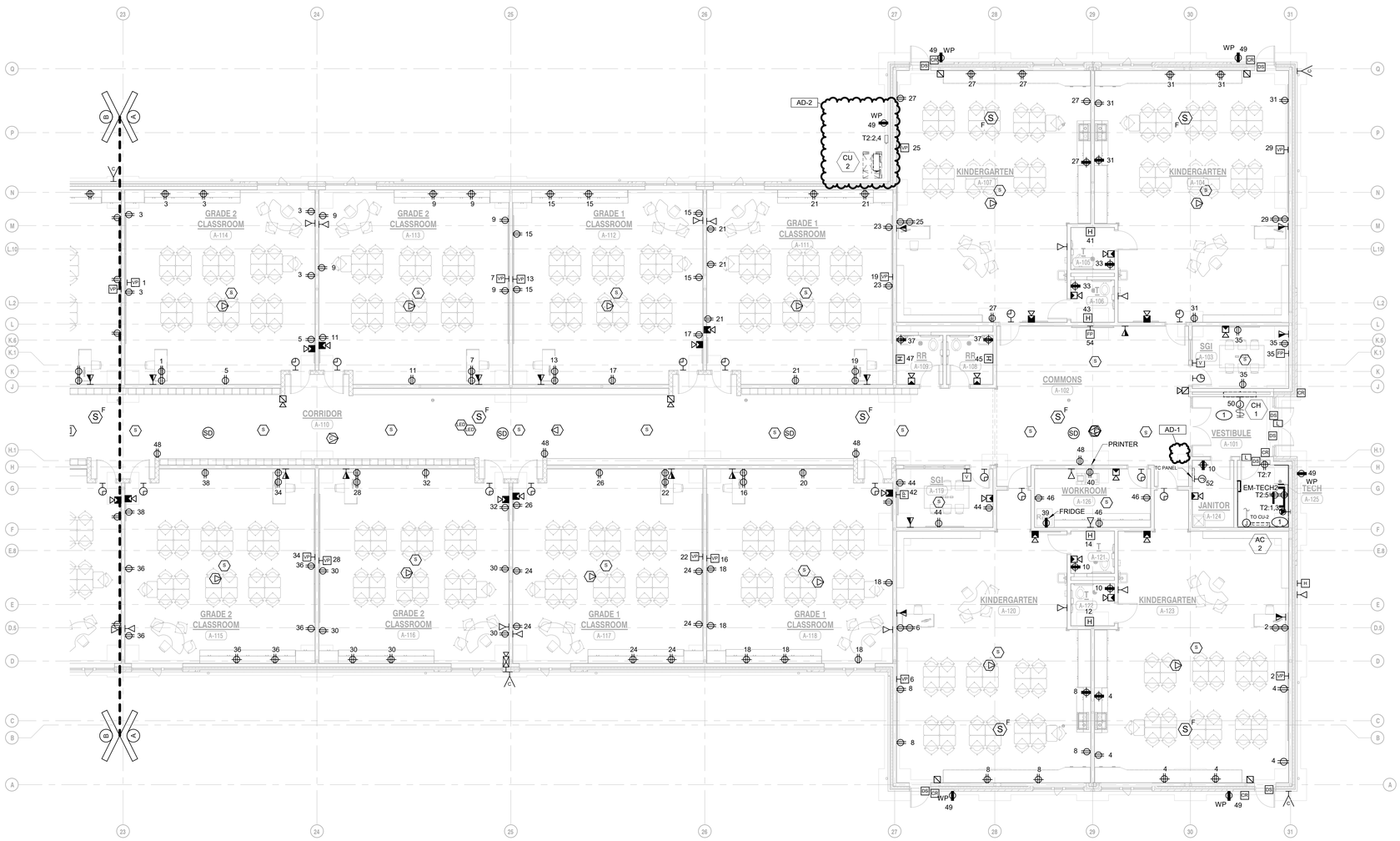
4/20/2022 8:24:32 PM
C:\Users\mswinski\Documents\MEG Duneland New Yost Central File R19_meg.cad2.rvt

GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED TO PANEL PP-3 UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "E2" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH2.
3. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.



1 EP101 UNIT "A" ELECTRICAL POWER FIRST FLOOR PLAN

1/8" = 1'-0"

NORTH

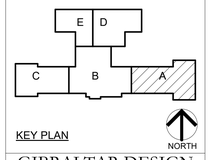
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-8400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MS
DRAWN BY
BoK
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "A" ELECTRICAL POWER FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
A
EP101

Copyright © 2022 Millies Engineering Group

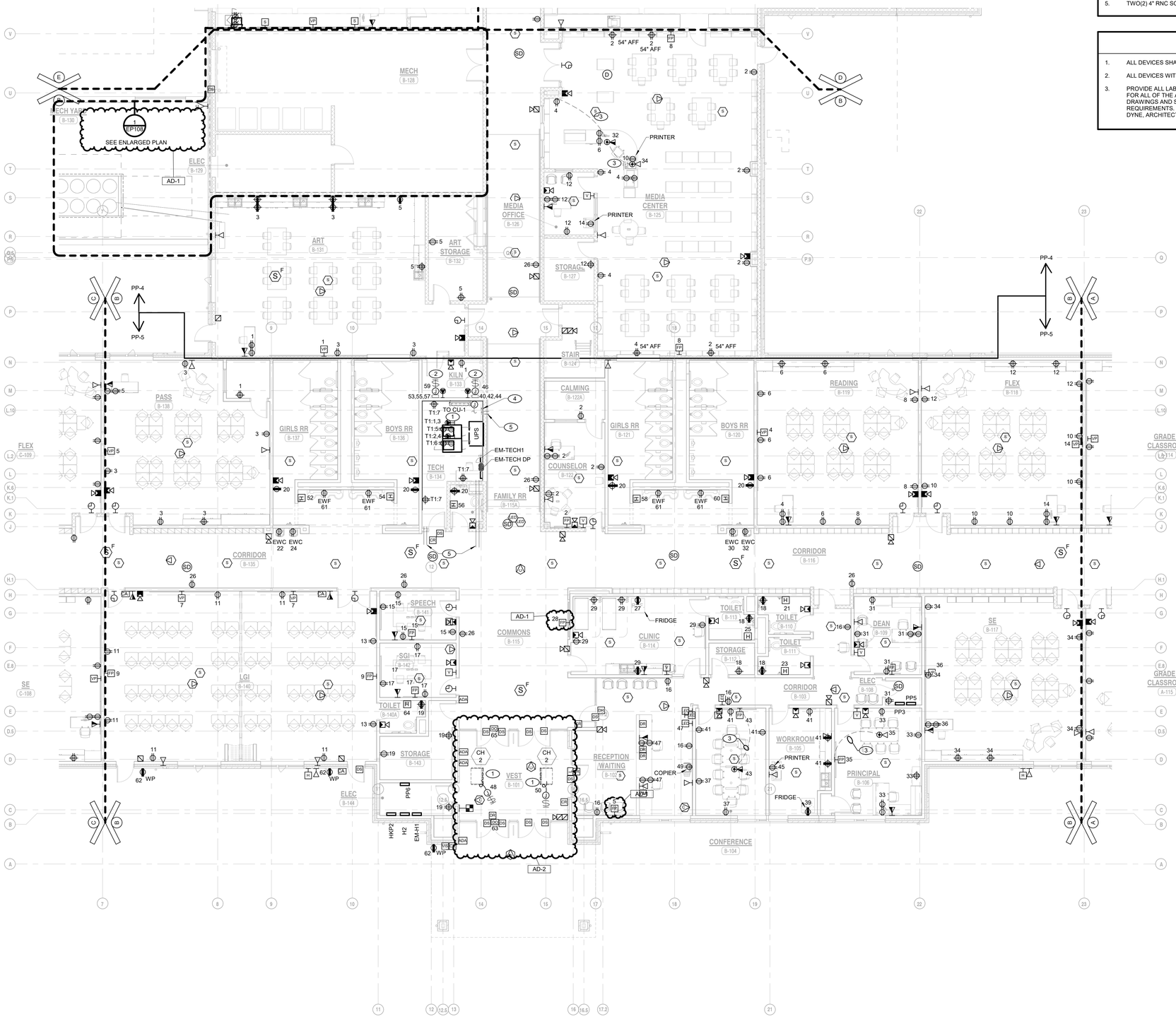
4/20/2022 1:32:42 PM
C:\Users\sagid\cumb\Documents\MEG Duneland New Yost Central File R19_meg.cad4RACWE.rvt

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. KILN, PROVIDE 3 #6 & 1 #10 GRD. IN 1"C. VERIFY EXACT ROUGH-HEIGHT WITH MANUFACTURER. PROPERLY INSTALL PER MANUFACURER'S REQUIREMENTS.
3. TWO (2) 4" SLEEVES WITH INSULATED BUSHINGS. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION.
4. TELECOM GROUDNING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.
5. TWO(2) 4" RNC SCH 40 CONDUITS WITHOUT FITTINGS REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "T1" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH1.
3. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.



1 EP102 UNIT "B" ELECTRICAL POWER FIRST FLOOR PLAN

1/8" = 1'-0"

NORTH

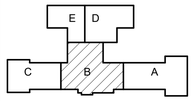
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MS
DRAWN BY
BoK
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "B" ELECTRICAL POWER FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
B
EP102

Copyright © 2022 Millies Engineering Group

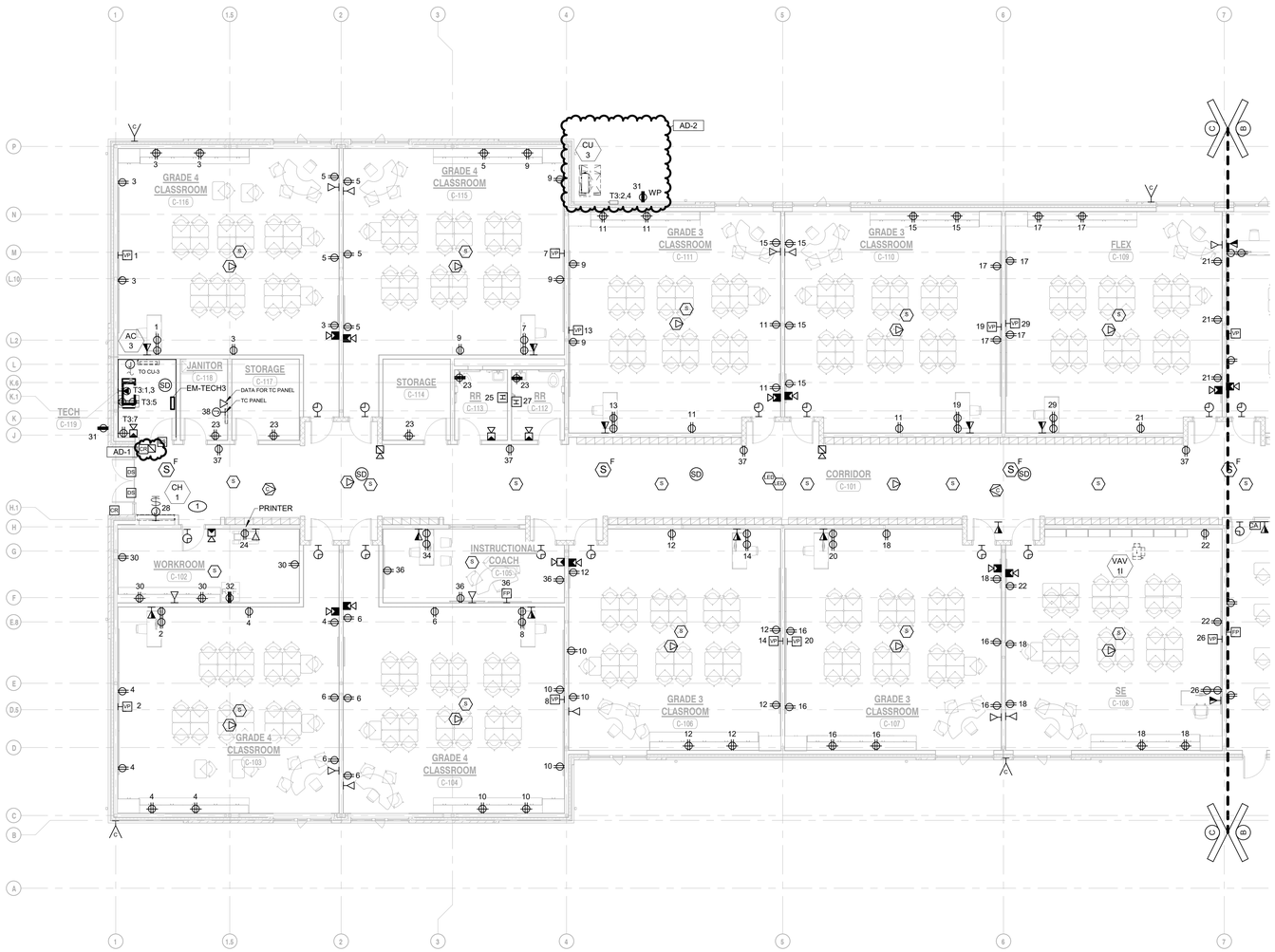
4/20/2022 1:32:48 PM
C:\Users\agidcumb\Documents\MEG Duneland New Yost Central File R19_meg.cad4RACWE.rvt

GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED ACCORDING TO PANEL PP-6 UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "T3" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH3.
3. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.



UNIT "C" ELECTRICAL POWER FIRST FLOOR PLAN

1 EP103 1/8" = 1'-0"

NORTH

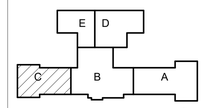
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MS
DRAWN BY
BoK
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE GIVEN FOR USE ON ONLY THIS PROJECT. NONE OF THE MATERIALS SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "C" ELECTRICAL POWER FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
C EP103

Copyright © 2022 Millies Engineering Group

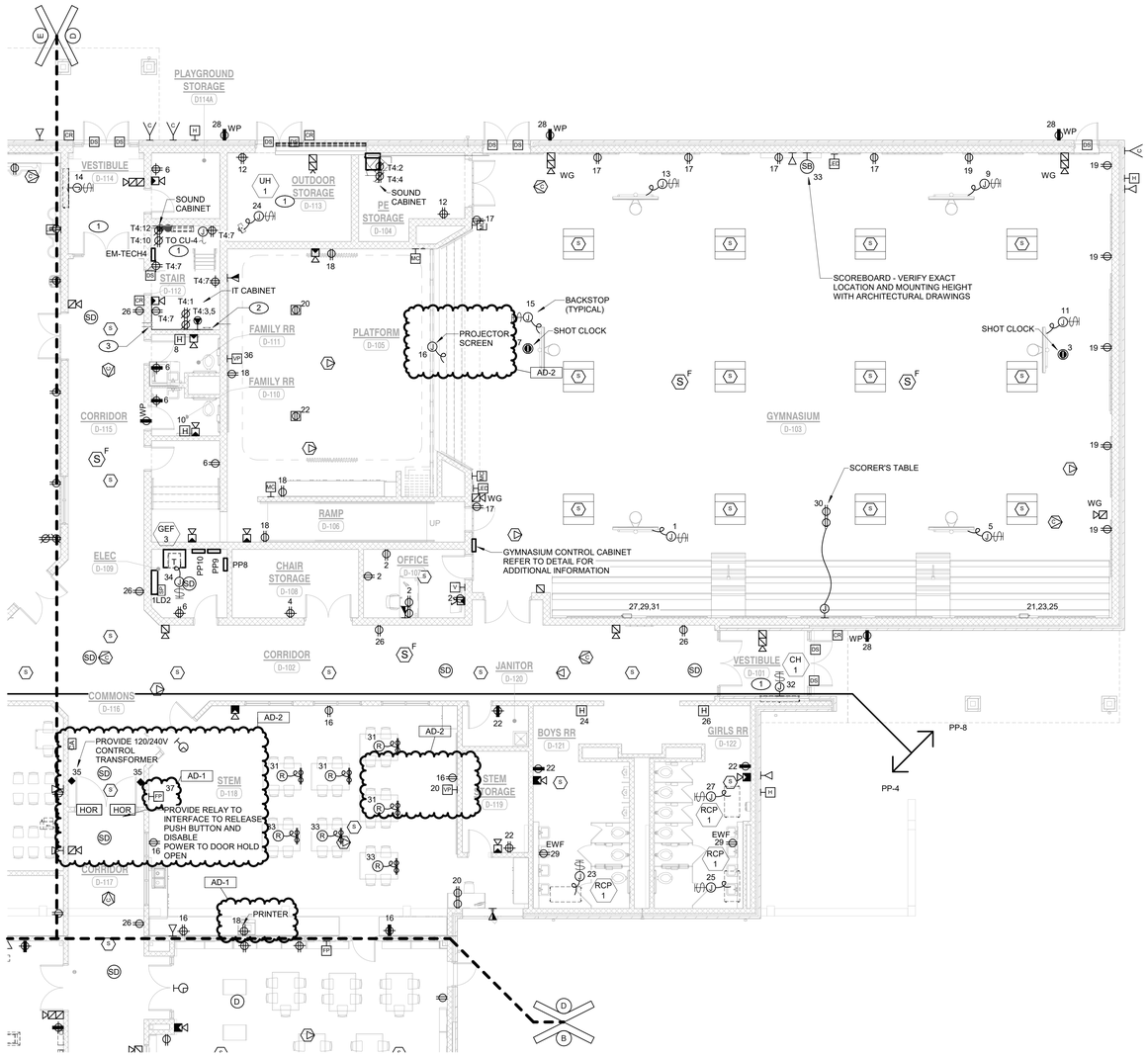
4/20/2022 1:32:50 PM
C:\Users\agidcumb\Documents\MEG Duneland New Yost Central File R19_meg.cad4RACWE.rvt

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. TELECOM GROUDNING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.
3. TWO(2) 4" RNC SCH 40 CONDUITS WITHOUT FITTINGS REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "T4" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH4.
3. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.



1 EP104 **UNIT "D" ELECTRICAL POWER FIRST FLOOR PLAN**

1/8" = 1'-0"

NORTH

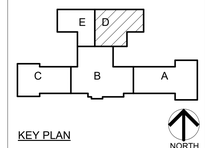
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MS
DRAWN BY BoK
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "D" ELECTRICAL POWER FIRST FLOOR PLAN

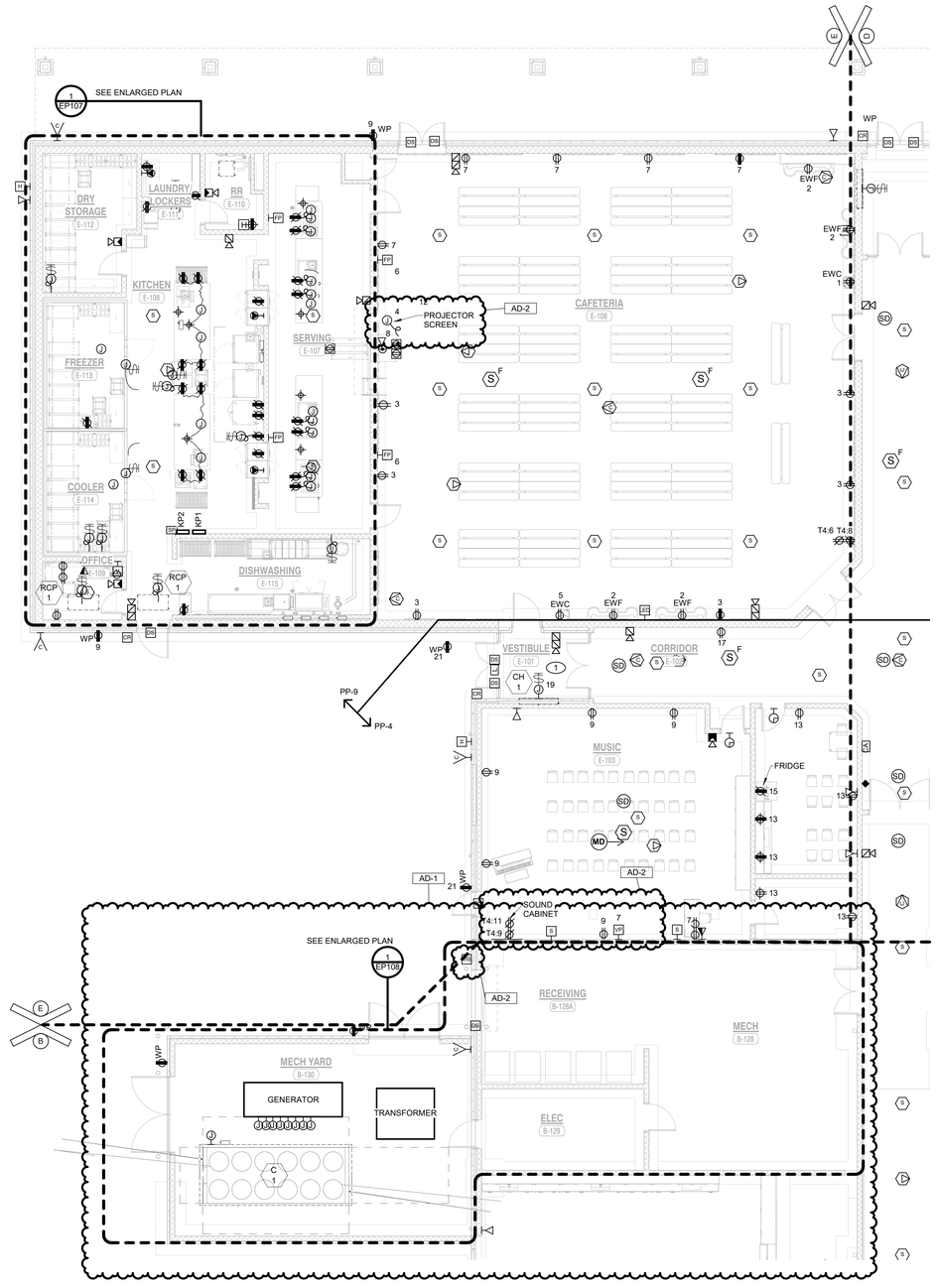
PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
D
EP104

Copyright © 2022 Millies Engineering Group

4/20/2022 1:32:55 PM
C:\Users\agidcumb\Documents\MEG Duneland New Yost Central File R19_meg.cad4RACWE.rvt



1 EP105 UNIT "E" ELECTRICAL POWER FIRST FLOOR PLAN

1/8" = 1'-0"

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. TELECOM GROUDNING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.
3. TWO(2) 4" RNC SCH 40 CONDUITS WITHOUT FITTINGS REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "T4" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH4.
3. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

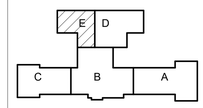
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

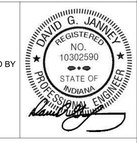
DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MS
DRAWN BY
BoK
CHECKED BY
DJ



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
UNIT "E" ELECTRICAL POWER FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
E
EP105

Copyright © 2022 Millies Engineering Group

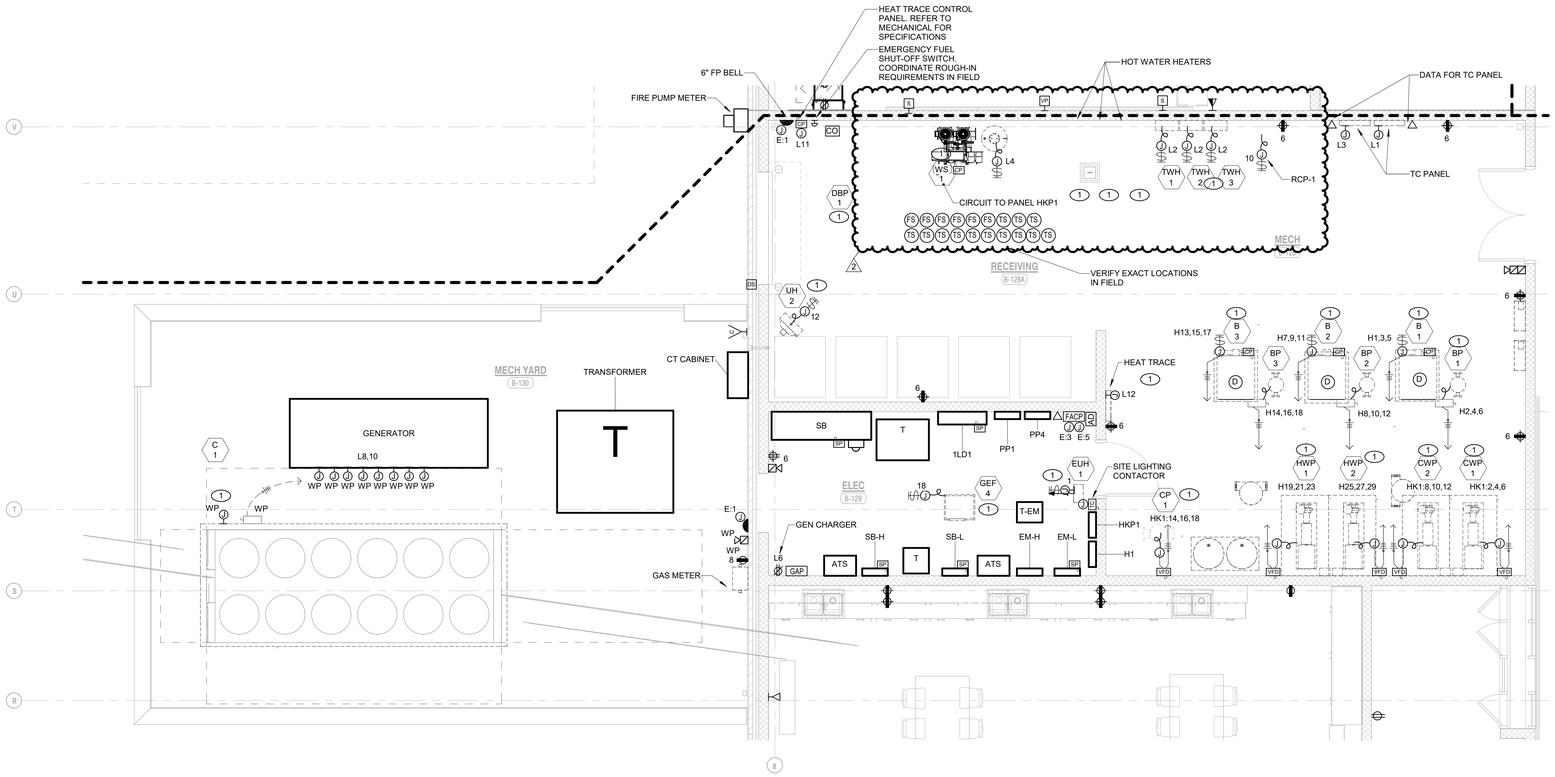
4/20/2022 1:32:58 PM
C:\Users\sagidcumb\Documents\MEG Duneland New Yost Central File R19_meg.cad4RACWE.rvt

GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED TO PANEL 'PP-1' UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "L" PREFIX SHALL BE CIRCUITED TO PANEL SB-L.
3. ALL DEVICES WITH A "H" PREFIX SHALL BE CIRCUITED TO PANEL SB-H.
4. ALL DEVICES WITH A "E" PREFIX SHALL BE CIRCUITED TO PANEL EM-L.
5. ALL DEVICES WITH A "HK1" PREFIX SHALL BE CIRCUITED TO PANEL HKP-1
6. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION



1 EP108 ENLARGED ELECTRICAL POWER MECHANICAL & ELECTRICAL ROOM & YARD

1/4" = 1'-0"

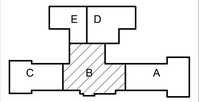
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 934-5400
www.milliesengineeringgroup.com

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

NORTH

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
Designer
DRAWN BY
BoK
CHECKED BY
Checker

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
ENLARGED ELECTRICAL POWER PLANS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

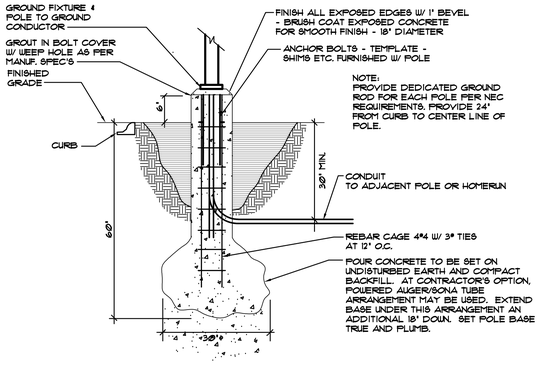
B

SHEET
EP108

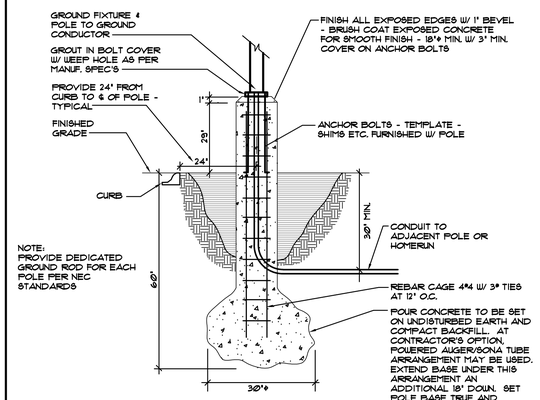
Copyright © 2022 Millies Engineering Group

4/20/2022 1:33:09 PM
C:\Users\sagidcumb\Documents\MEG Duneland New Yost Central File R19_meg.cad4RACWE.rvt

6" POLE BASE DETAIL - GRASSY AREAS



TYPICAL 30" CONCRETE POLE BASE DETAIL - PARKING LOT AREAS

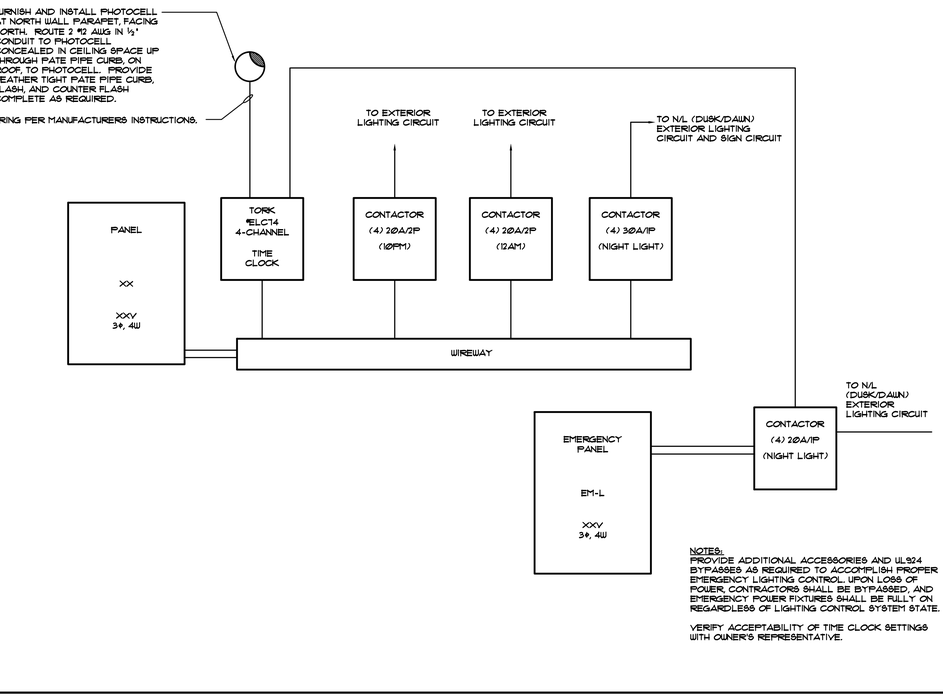


EXTERIOR LIGHTING LUMINAIRE SCHEDULE

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
EA		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-P8-40K-TSW-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN10000LM MAX 54W	POLE MTD 25'-0" AFG	
EA1		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-P8-40K-T2M-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 24000LM MAX 185W	POLE MTD 25'-0" AFG	
EA2		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-XX-40K-XX-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 20000LM MAX 140W	POLE MTD 25'-0" AFG	
EA2A		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-XX-40K-XX-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 19000LM MAX 140W	POLE MTD 25'-0" AFG	
EA3		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-XX-40K-XX-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 35000LM MAX 216W	POLE MTD 25'-0" AFG	
EB		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *WST-P1-40K-VF-277-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *186 SERIES	277 VOLT	LED 4000K MIN 3500LM MAX 14W	WALL MTD ABV. DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EB1		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *WST-P2-40K-VF-277-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *186 SERIES	277 VOLT	LED 4000K MIN 1000LM MAX 30W	WALL MTD 12'-0" AFG OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EK		42" TALL VANDAL RESISTANT HIGH ABUSE LED BOLLARD	HUBBEL *LBO2-7IO-4KT-UNV-XX-X OR APPROVED EQUAL	120/277 VOLT - - -	LED 4000K MAX 75W -	SURFACE MOUNTED - - -	-STANDARD COLOR TO BE SELECTED BY ARCHITECT
EE		FLAGPOLE LIGHT WITH FILL SHIELD	LITHONIA *DSXF3-LED-6-P1-40K-N8P-MVOLT-XX-XX-FV-VG-XX OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 1816 LM MAX 167W	GRADE MTD	-VERIFY FINISH WITH ARCHITECT.

AD-2

EXTERIOR LIGHTING CONTROL SEQUENCE DIAGRAM

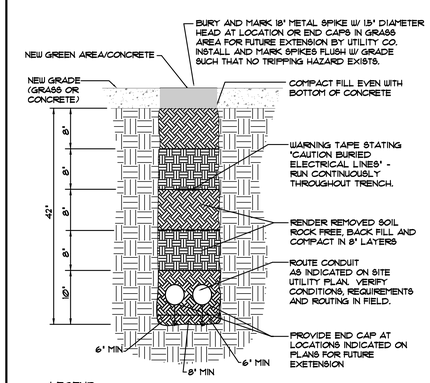


NOTES:
PROVIDE ADDITIONAL ACCESSORIES AND UL924 BYPASSES AS REQUIRED TO ACCOMPLISH PROPER EMERGENCY LIGHTING CONTROL. UPON LOSS OF POWER, CONTRACTORS SHALL BE BYPASSED, AND EMERGENCY POWER FIXTURES SHALL BE FULLY ON REGARDLESS OF LIGHTING CONTROL SYSTEM STATE.

VERIFY ACCEPTABILITY OF TIME CLOCK SETTINGS WITH OWNER'S REPRESENTATIVE.

TRENCH DETAIL

N.T.S.



LEGEND:

- — — — INDICATES CONDUIT ROUTED MINIMUM 36" BELOW GRADE AND LISTED FOR DIRECT BURIAL WITH NYLON PULL WIRE. COORDINATE CONDUIT TYPE WITH SPECIFICATIONS. ALL CONDUIT BENDS SHALL BE GALVANIZED RIGID STEEL CONDUIT WITH NO LESS THAN 36" BENDING RADIUS.
- [PROPERLY TERMINATE, CAP AND SPIKE WITH 18" METAL SPIKE W/ 15" DIAMETER FOR FUTURE EXTENSION.

FIXTURE GENERAL NOTES

1. INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
2. PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
3. SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
4. EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE STEEL POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.3 GUST FACTOR, MINIMUM POLE SIZE TO BE 5" SQUARE. PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
5. FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.
6. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
7. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
8. FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
9. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
10. COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
11. PROVIDE 5000K COLOR TEMPERATURE IN SPECIAL EDUCATION SPACES AS SPECIFIED.
12. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
13. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
14. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
15. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630.387.6935), FORCE CHICAGO (312.986.1515) OR PG ENLIGHTEN (847.228.1199).
16. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT:
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY MS
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2

DRAWING
ELECTRICAL NOTES, DETAILS & DIAGRAMS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
E-602

12/7/2021 9:48:49 AM
I:\CAD\21071\27\E-602.dwg

Copyright © 2022 Millies Engineering Group