ADDENDUM NO. 1

March 15, 2023

LIBERTY AND WESTCHESTER INTERMEDIATE SCHOOLS - ATHLETIC SITE PROJECTS 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 3, 2023 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 1-1 and attached Addendum No. 1 from Gibraltar Design dated March 14, 2023 and consisting of 2 pages and 14 drawings.



ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design for **Liberty and Westchester Intermediate Schools Athletic Site Projects** 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 include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 11 68 33 Athletic Field Equipment

- A. Add Paragraph 2.1 F to read:
 - "F. Team sideline Bench: Complete assembly, including bench and leg supports, with support bracing as required for stability.
 - 1. Basis of Design: UCS; Model 525-1115.
 - 2.Length: 15-Foot.
 - 3. Seat Width: 9-1/2 inch, set at 18 inches height.
 - 4. Color: To be selected by Owner from manufacturer's standard colors."

2. Specification Section 32 18 23

All Weather Latex Track Surface

- A. Add Paragraphs 2.1 E. and 2.1 F to read:
 - "E. Midwest Track Builders, Wauconda, Illinois.
 - F. Reece, A HSC Pavement Maintenance Company, Indianapolis, Indiana."

DRAWINGS

3. Sheets C-3.1 and C-3.3

- A. Refer to two (2) revised full-size drawings, included in this Addendum, for the following revisions:
 - 1. Add the following note to football field: "Football field irrigation system to be bid as Alternate."

4. Sheet S-101 LIS and S-103 LIS

A. Refer to two (2) revised full-size drawings, included in this Addendum, for revisions.

5. Sheets A-101 and A-102

A. Refer to two (2) revised full-size drawings, included in this Addendum, for revisions to the Door Schedules.

MARCH 14, 2023 AD.01-1



6. Sheets A-401 and A-402

- A. Refer to Two (2) revised full-size drawings, included in this Addendum, for the following revisions:
 - 1. Revise Sections 1-4.
 - 2. Revise Detail 6 "Pipe Bollard Detail".
 - 3. Add Detail 7 "Gutter Detail".

7. Sheet P-001 and P-003

A. Refer to two (2) revised full-size drawings, included in this Addendum, for revised Plumbing Equipment and Fixture Schedule.

8. Sheets P-002 and P-004

A. Refer to two (2) revised full-size drawings, included in this Addendum, for revised Plumbing Riser Diagram.

9. Sheets P-101 and P-102

A. Refer to two (2) revised full-size drawings, included in this Addendum for added bottle filler and associated piping.

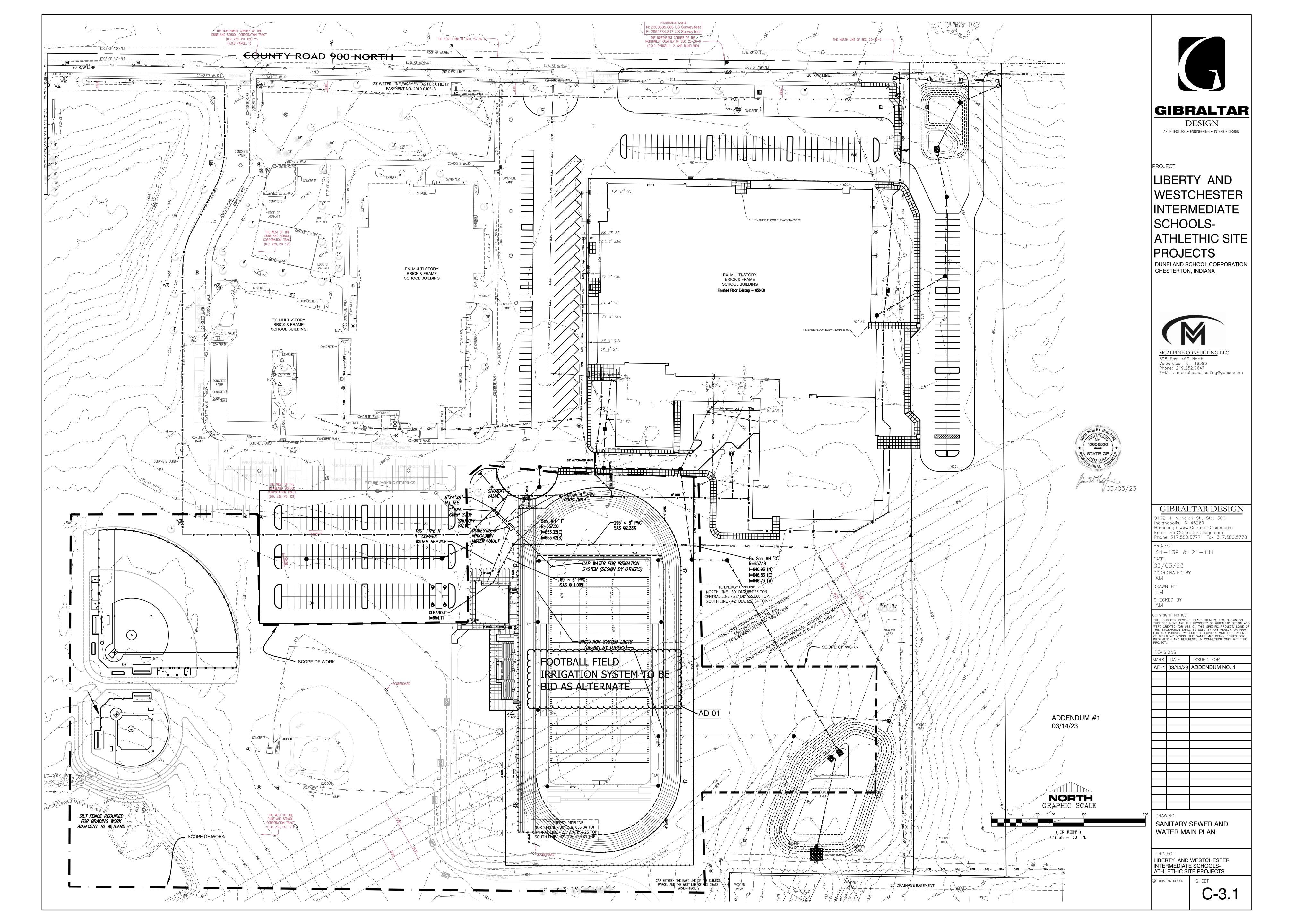
Pages 1 through 2, inclusive, and Fourteen (14) Full-Size Drawings, constitute the total makeup of **Addendum One**.

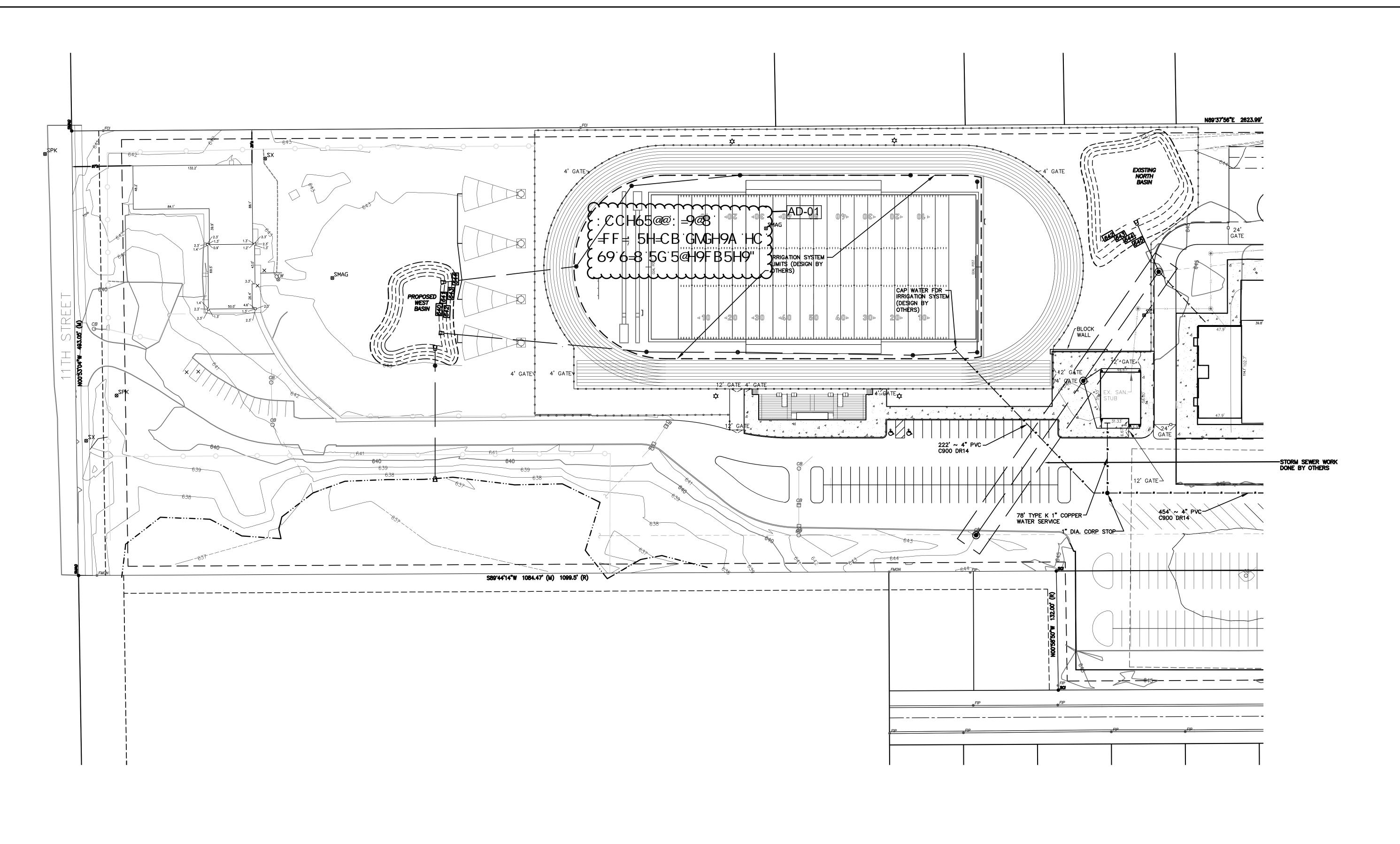


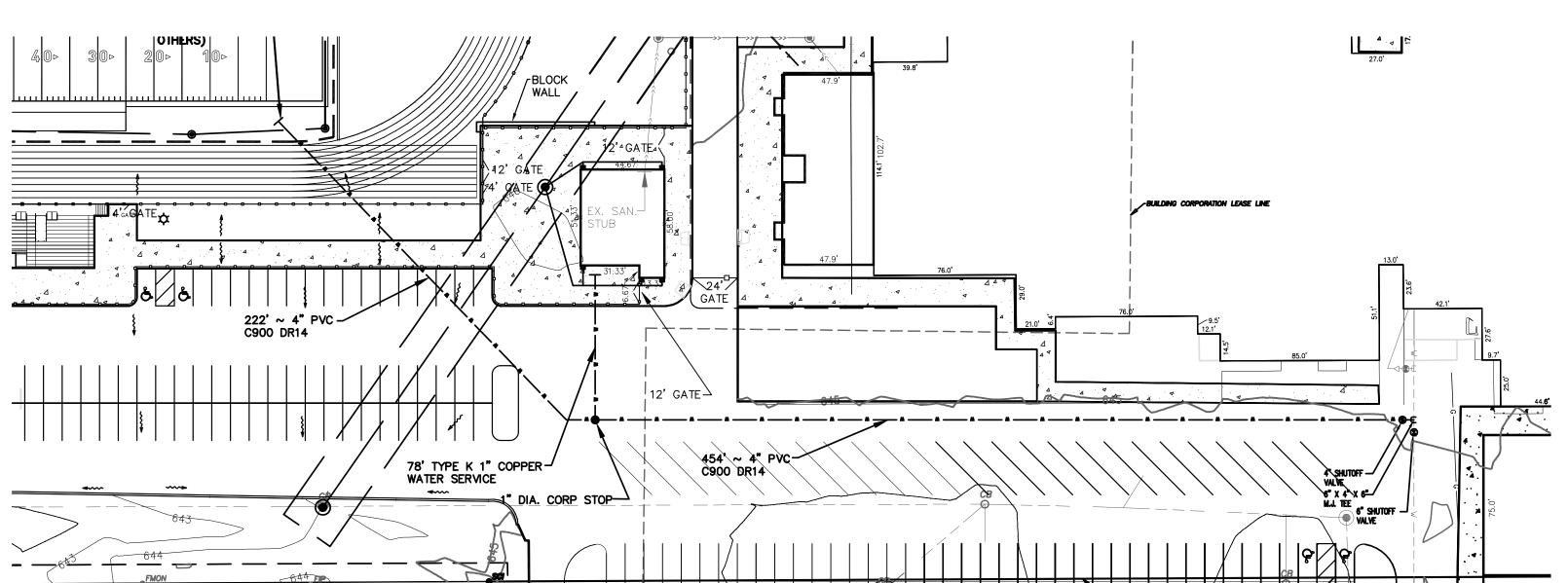
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MARCH 14, 2023 AD.01-2







NOTES:

1. THERE IS TO BE A 1 AND $\frac{1}{2}$ FOOT HIGH BLOCK WALL BETWEEN THE TRACK AND CONCRETE AREA TO THE NORTHWEST OF THE PROPOSED CONCESSION BUILDING.

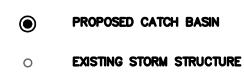
2. DOWNSPOUTS ARE TO BE THREE FEET BELOW GRADE.

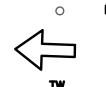
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- PROPOSED STORM SEWER



PROPOSED STORM STRUCTURE INV ELEV





OVERLAND FLOW ARROW TW TOP OF WALK BOC BACK OF CURB D.S. DOWNSPOUT



San W. Tleff.
03/03/23



LIBERTY & WESTCHESTER INTERMEDIATE SCHOOLS -ATHLETIC SITE PROJECTS © GIBRALTAR DESIGN SHEET

SANITARY SEWER AND

WATER MAIN PLAN

DRAWING

GIBRALTAR

DESIGN ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN

WESTCHESTER

INTERMEDIATE

ATHLETIC SITE

21-139 & 21-141

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA

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LIBERTY &

SCHOOLS -

PROJECTS

C-3.3

KEYED FOUNDATION PLAN NOTES

- 1'-4" x 1'-4" CONC. BLOCK PILASTER. PROVIDE HORIZ. REINF. AT 16" o.c. AND #4 VERT. AT EACH CORNER. GROUT SOLID FULL HEIGHT.
- 3'-0" x 3'-0" x 1'-2" CONCRETE FOOTING w/ (4) #4 x 2'-6" EA. WAY. PROVIDE VERT. DOWELS FOR PILASTER AS DESCRIBED IN NOTE 1. T/FOOTING = -1'-4".

FOUNDATION PLAN NOTES

- REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
 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
- IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORL MAY NOT BE INDICATED.
 COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 0'-0". REFER TO THE CIVIL DRAWINGS FOR EXACT U.S.G.S. ELEV.
 REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
 - REF. S-401 FOR TYPICAL FOUNDATION DETAILS.

 6. NOTE: 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.

 7. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF
- TYPICAL DETAILS ON S-401.

 7. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

 8. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
- COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOILS w/ A MINIMUM BEARING CAPACITY OF 3,000 PSF.
 PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 4/S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON
- THE ARCHITECT FLOOR PLANS.

 11. 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.

 12. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/#4 VERTICAL REINFORCING AT EACH CORNER.

PLAN LEGEND: DENOTES FINISH FLOOR DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC. DENOTES BOTTOM OF FTG., GRADE BEAM, ETC. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT GB32x24 -8'-0" DENOTES CONCRETE GRADE BEAM SIZE & TOP OF GRADE BEAM ELEVATION (SEE SCHEDULE) ____ DENOTES WALL FOOTING WITH STEPS, REF. TYP. DENOTES WALL F T/F -2'-8" T/F -4'-0" T/F -5'-4" DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) COLUMN FOOTING MASORNY BLOCK DENOTES PIPE PENETRATION THROUGH EXTERIOR WALL. REFER TO PLUMBING DRAWINGS FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.

FTG.	FOOTIN	IG SIZE	FOOTING RE	EINFORCING		
MARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE		
TF24 2'-0"		2'-4"	(3) #6 x CONTINUOUS	#3 x 1'-6" @ 96" O.C.		
TF30	2'-6"	2'-4"	(4) #6 x CONTINUOUS	#3 x 2'-0" @ 96" O.C.		
2. TR FO	NTER FOO ENCH FOO RMING WH	TINGS MA HERE EXIS	NEATH WALLS, U.N.O. Y BE CAST DIRECTLY AGAI TING SOIL CONDITIONS PEI IERE SOIL HAS SLOUGHED	RMIT. FORM TOP OF		

F.F. = SEE PLAN

DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF:

E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL

OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)

COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING & SITE/CIVIL DRAWINGS.

3. IF REQUIRED (REFER TO ARCHITECTURAL DRAWINGS), INTERIOR OF TRENCH FOOTING SHALL BE FORMED WITH RIGID INSULATION. TAKE CARE IN TRIMMING INTERIOR FACE OF EXCAVATION TO MINIMIZE GAPS BEHIND THE INSULATION. FILL WITH #8 CRUSHED STONE, TAMPING AND COMPACTING WHERE SPACE PERMITS.

WHEREVER TRENCH FOOTING WOULD INTERFERE WITH THE

INSTALLATION OF DOWNSPOUTS, CONDUIT, BOLLARDS, ETC.



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PROJECTS

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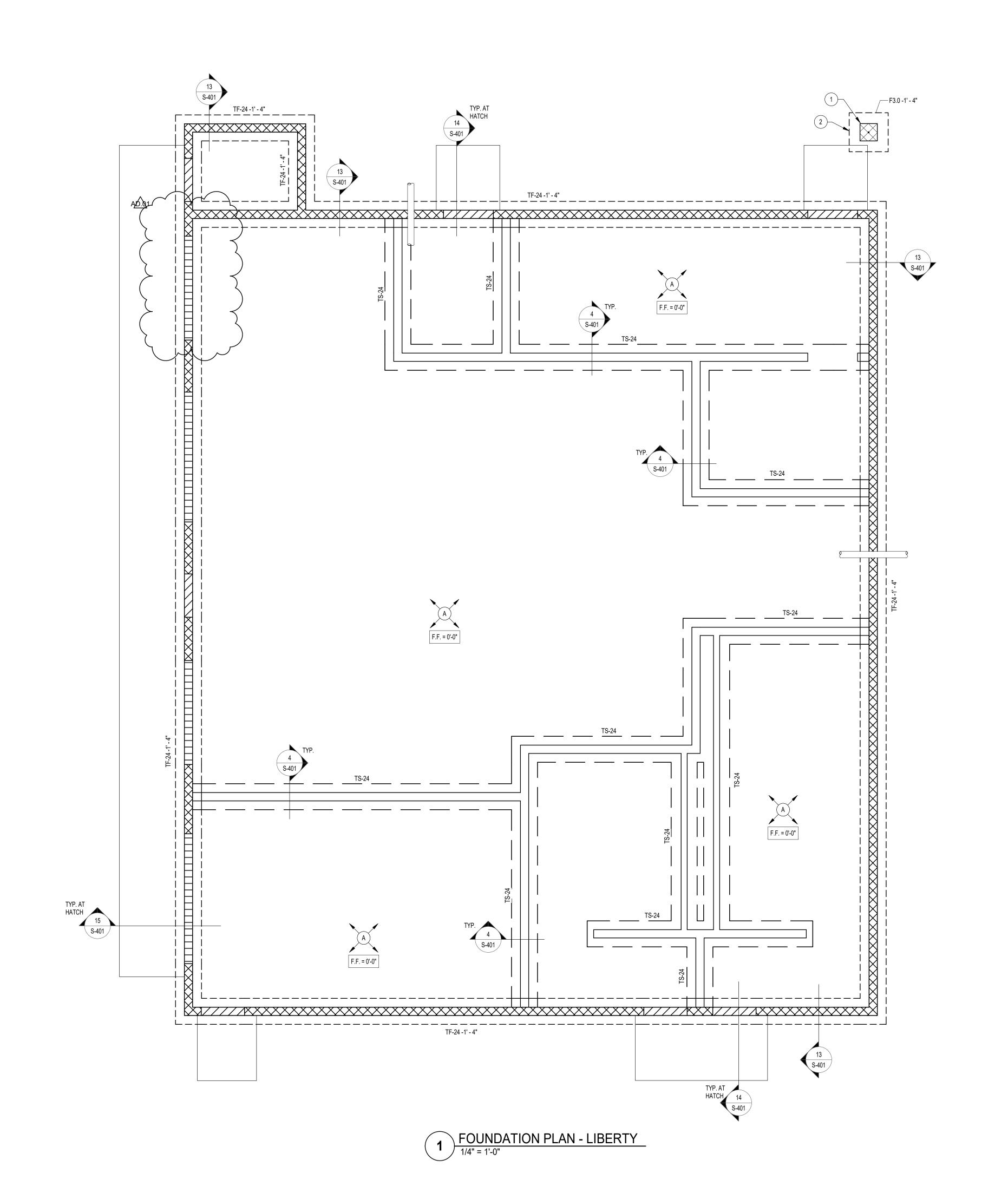
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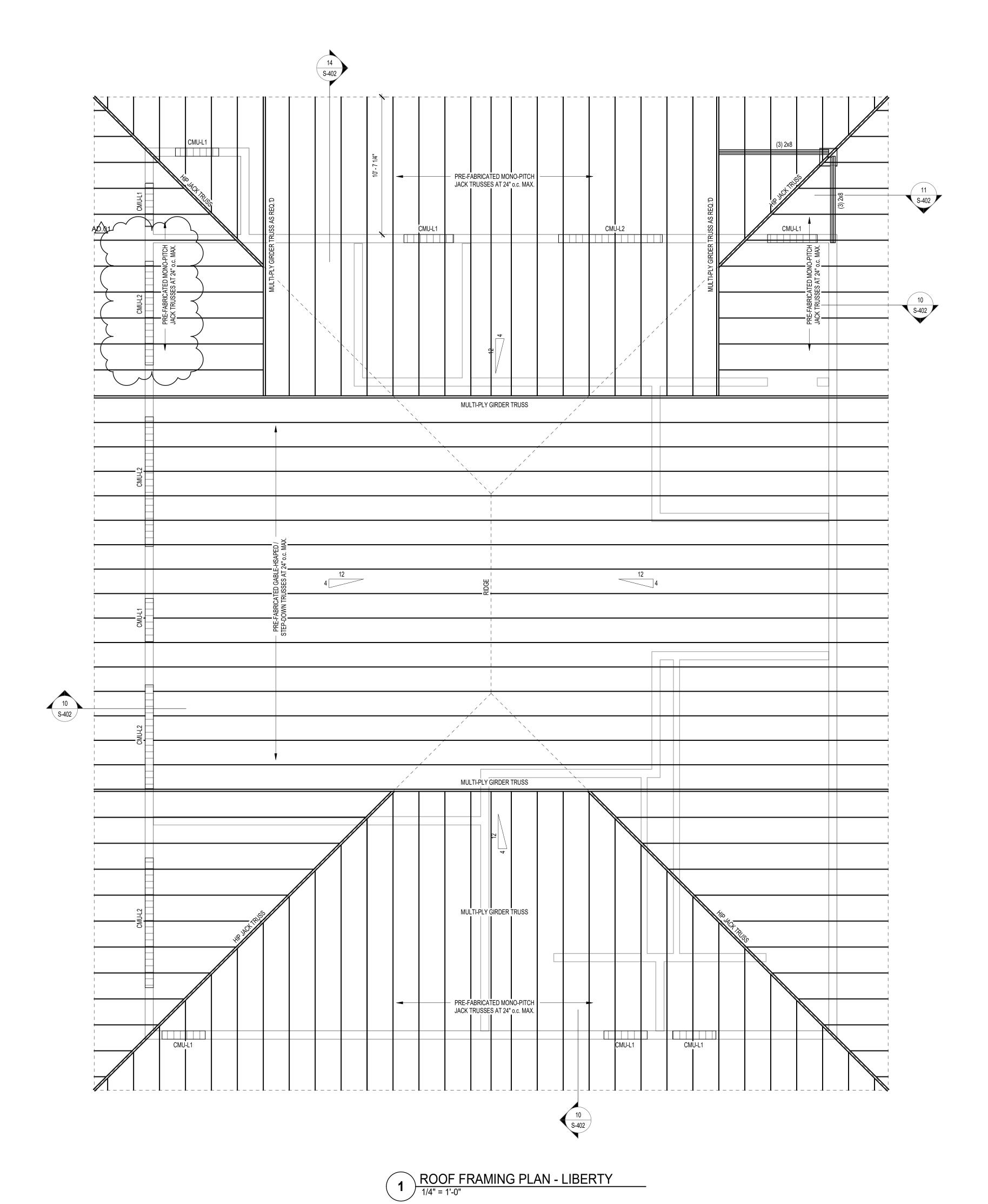
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FOUNDATION PLAN -

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FRAMING PLAN GENERAL NOTES

- REF. S-001 SHEETS FOR STRUCTURAL NOTES, DESIGN DATA AND SCHEDULES.
 REFERENCE THE ARCH. PLANS FOR LAYOUT OF ALL WALLS, OPENINGS, WALL TYPES, ETC. VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWINGS SUMBITTAL & IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 3. AT BEARING OF ALL GIRDER TRUSSES, TRUSS MANUFACTURER SHALL PROVIDE THE
- NECESSARY HARDWARE FOR ATTACHMENT TO WALLS (TOP PLATE OR MASONRY) TO RESIST THE LOADS/REACTIONS OF ALL GIRDER TRUSSES.
 4. SEE THE ARCHITECTURAL DETAILS FOR ROOF TRUSS PROFILES (HEEL HEIGHTS,
- PITCHES, ETC.).

 5. ALL ROOF PANEL SHEATHING SHALL BE 5/8", APA-RATED SHEATHING. SUITABLE EDGE SUPPORT SHALL BE PROVIDED BY USE OF PANEL CLIPS OR BLOCKING BETWEEN FRAMING UNLESS OTHERWISE NOTED. FASTEN ROOF SHEATHING WITH 8D COMMON (0.131" X 2 1/2") NAILS SPACED 6" O.C. AT SUPPORTED EDGES AND 12" O.C. AT
- INTERMEDIATÉ SUPPORTS. 6. THE TRUSS SUPPLIER MUST COORDINATE WITH M.E.P. AND SPRINKLER CONTRACTORS IN REGARD TO THE LOCATION AND WEIGHT OF ALL WATER SUPPLY MAINS AND SPRINKLER MAINS. THE TRUSSES WILL BE DESIGNED TO SUPPORT THE WEIGHT OF THESE POINT LOADS IN ADDITION TO OTHER LOADS AS SPECIFIED ON THESE PLANS. THE SPACING OF SUPPORTS FOR THESE LINES WILL BE AN IMPORTANT CONSIDERATION IN THE DESIGN OF THE TRUSSES FOR THE MAIN SUPPORT. . 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.



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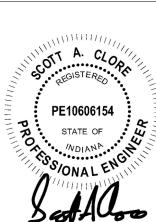
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PROJECT 21-139 21-141 DATE 03/03/23 **COORDINATED BY** SAC/NHF

> **DRAWN BY** SAC/NHF **CHECKED BY** SAC



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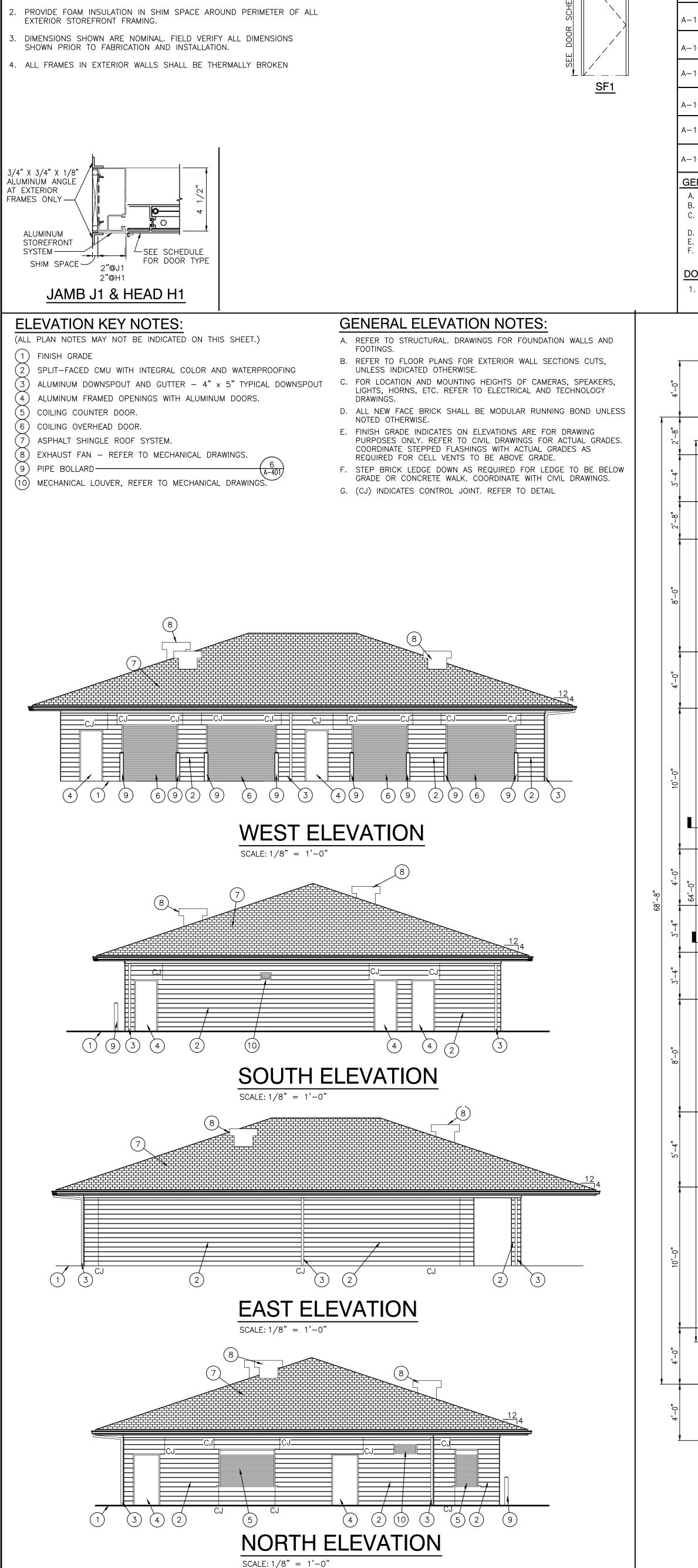
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DRAWING ROOF FRAMING PLAN -

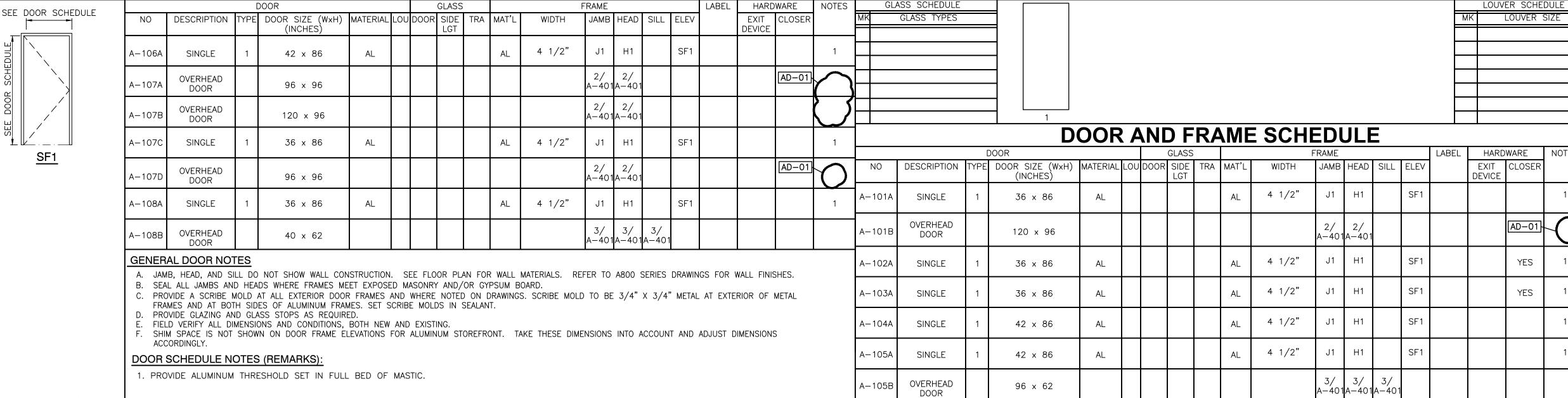
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NOTES - ALUMINUM STOREFRONT (SF)

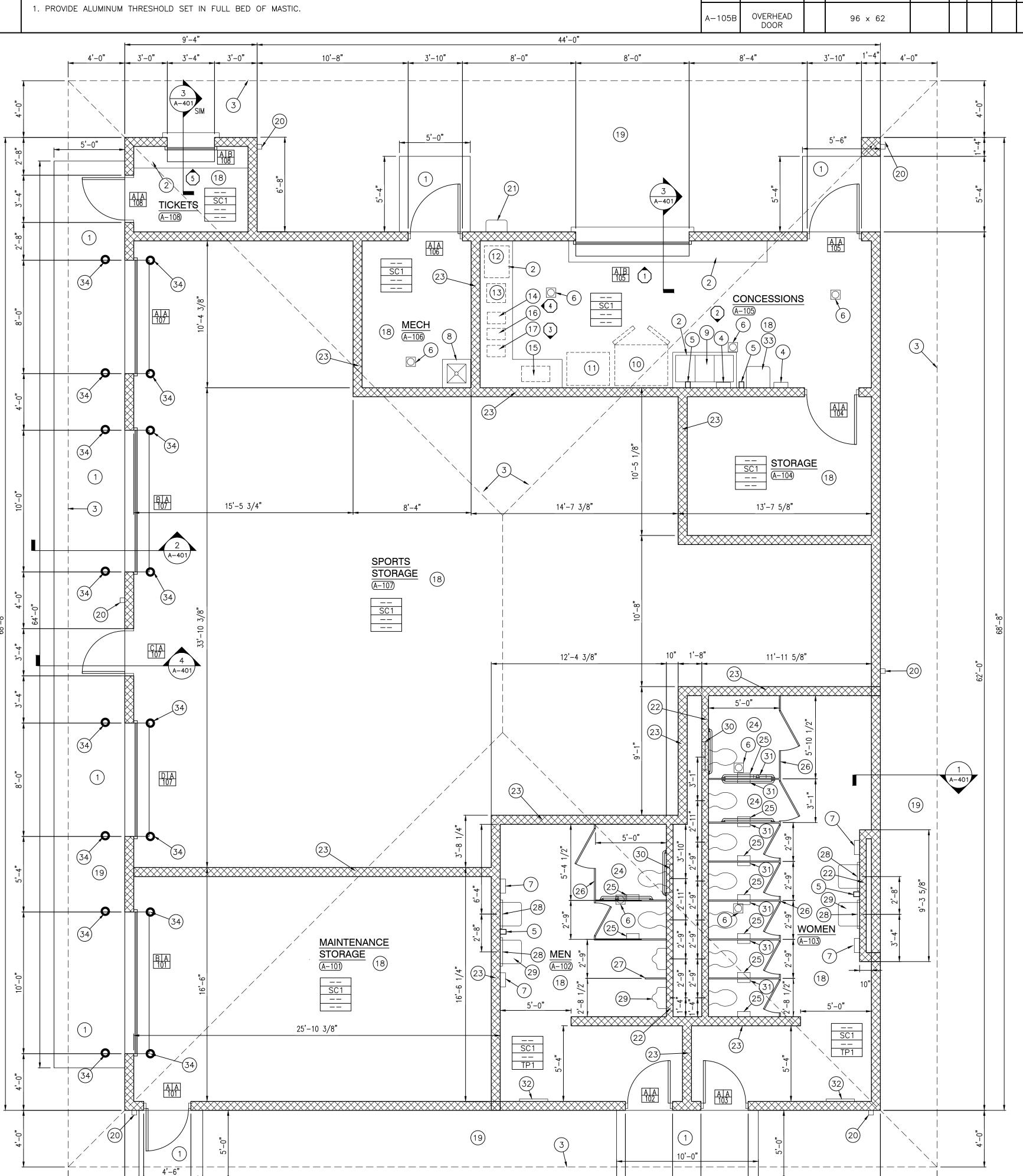
PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL STOREFRONT FRAMING WHERE FRAMING ABUTES DISIMLILAR



3'-4" 2'-0" 3'-4"

9'-4"

4'-0"



53'-4"

GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS
- SHOULD BE BALANCED SO AS NOT TO 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
- 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
- G. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW

PLAN LEGEND:

--- INDICATES CASEWORK ELEVATION SYMBOL - REFER TO A-401 FOR

P1 —WALL FINISH FLOOR FINISH B1 —BASE FINISH ____MISC FINISH INFORMATION

PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1) CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALINE WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS. (2) CASEWORK AND/OR MILLWORK, REFER TO ELEVATIONS

(3) LINE OF ROOF.

(4) PAPER TOWEL DISPENSER. OFCL (5) SOAP DISPENSER. OFCI

(6) FLOOR DRAIN, REFER TO PLUMBING.

(7) ELECTRIC HAND DRYER

(8) MOP SINK, REFER TO PLUMBING.

 $(\,9\,)$ three compartment sink refer to plumbing.

0) SODA COOLER BY OWNER 11) POPCORN MACHINE BY OWNER.

12) HOT DOG WARMER BY OWNER.

13) PRETZEL WARMER BY OWNER.

(14) CHEESE DISPENSER BY OWNER.

15) MICROWAVE BY OWNER.

(16) COFFEE MAKER BY OWNER.

17) HOT CHOCOLATE MAKER BY OWNER. (18) CEILING TO BE GYPSUM BOARD AT 10'-7/8" AFF PAINT P1.

(19) PERFORATED ALUMINUM SOFFIT.

20) ALUMINUM DOWNSPOUT AND BOOT.

(21) BOTTLE FILLER, REFER TO PLUMBING.

(22) 6" CMU WITH INTEGRAL COLOR TO BOTTOM OF GYPSUM BOARD CEILING. (23) 8" CMU WITH INTEGRAL COLOR TO BOTTOM OF GYPSUM BOARD CEILING,

(24) ACCESSIBLE FACILITIES. -

(25) TOILET PAPER HOLDER. (OFCI)

(26) TOILET PARTITION.

(27) URINAL SCREEN WALL. (28) 2'-0" W imes 3'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE

MOUNTED AT 40"A.F.F. (29) ACCESSIBLE FIXTURE (LAVATORY/URNAL). SEE PLUMBING DRAWINGS.

(30) 24"x24" ACCESS PANEL. MOUNT TOP OF PANEL AT 5'-4" A.F.F.

COORDINATE LOCATION W/ SENSOR HEIGHT. (31) FEMININE NAPKIN DISPOSAL.

(32) $2'-0" \times 5'-0"$ MIRROR BOTTOM @ 1'-4" A.F.F. (33) UTILITY SINK, REFER TO PLUMBING (34) PIPE BOLLARD ————

ROOM FINISHES:

P1 (PAINT), SHERWIN WILLIAMS, CEILING BRIGHT WHITE 7007.

P2 (PAINT), SHERWIN WILLIAMS, GRIZZLE GRAY SW7068, DOOR FRAMES. SC1 (SEALED CONCRETE), REFER TO CONCRETE SPECIFICATIONS FOR

SEALER AND FINISH. PL1 (PLASTIC LAMINATE), PIONITE, SABLE AG021, SUEDE FINISH.

SS1 (SOLID SURFACE), CORIAN, RAIN CLOUD.

TP1 (TOILET PARTITION) ASI ACCURATE PARTITION, SOLID PLASTIC,

COMMUNITY BUILDING -ARCHITECTURAL PLAN, ELEVATIONS, AND SCHEDULE

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A-101

LIS COMMUNITY BUILDING - ARCHITECTURAL FLOOR PLAN SCALE: 1/4" = 1'-0"

GENERAL DOOR NOTES JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES. 3. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY. DOOR SCHEDULE NOTES (REMARKS): . PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC. SEE DOOR SCHEDULE NOTES - ALUMINUM STOREFRONT (SF) PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL STOREFRONT FRAMING WHERE FRAMING ABUTES DISIMLILAR MATERIALS. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR STOREFRONT FRAMING. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION. 4. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN 3/4" X 3/4" X 1/8 ALUMINUM ANGLE AT EXTERIOR FRAMES ONLY -ALUMINUM STOREFRONT SYSTEM — SHIM SPACE ~ 2"@J1 2"@H1 JAMB J1 & HEAD H1

SCALE: 1/4" = 1'-0"

DOOR AND FRAME SCHEDULE HARDWARE DESCRIPTION TYPE DOOR SIZE (WxH) MATERIAL LOU DOOR SIDE | -TRA MAT'L WIDTH DEVICE (INCHES) **GIBRALTAR** 3-101A SINGLE 36 x 86 OVERHEAD 40 x 62 3-102A SINGLE 42 x 86 3-103A SINGLE 42 x 86 WESTCHESTER OVERHEAD 3-103B 96 x 62 DOOR INTERMEDIATE 3-104A SINGLE 42 x 86 SCHOOLS -4 1/2" 3-105A SINGLE 36 x 86) ATHLETIC SITE OVERHEAD 3-105B 120 x 96 DOOR 3-106A SINGLE 36 x 86 DUNELAND SCHOOL CORPORATION OVERHEAD CHESTERTON, INDIANA 3-106B 120 x 96

GLASS SCHEDULE

GLASS TYPES

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- (1) FINISH GRADE
- (2) FACE BRICK COLOR A
- (3) ALUMINUM DOWNSPOUT AND GUTTER $-4" \times 5"$ TYPICAL DOWNSPOUT
- (4) ALUMINUM FRAMED OPENINGS WITH ALUMINUM DOORS.
- (5) COILING COUNTER DOOR.

ELEVATION KEY NOTES:

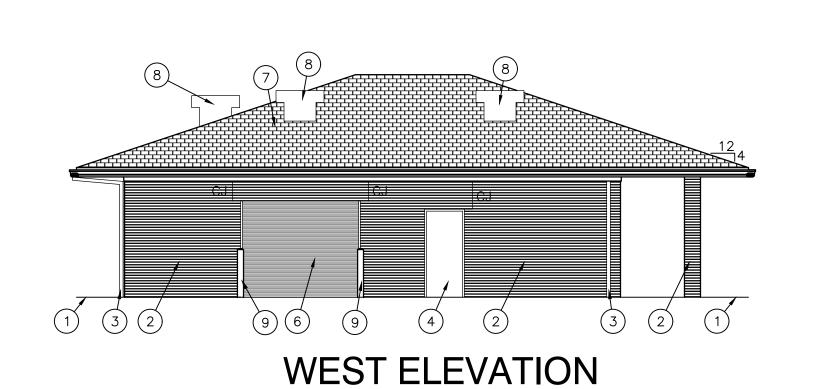
- (6) COILING OVERHEAD DOOR.
- (7) ASPHALT SHINGLE ROOF SYSTEM.
- (8) EXHAUST FAN REFER TO MECHANICAL DRAWINGS.

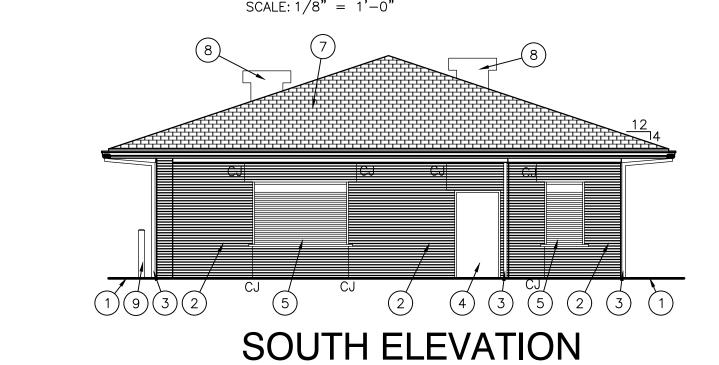
GENERAL ELEVATION NOTES:

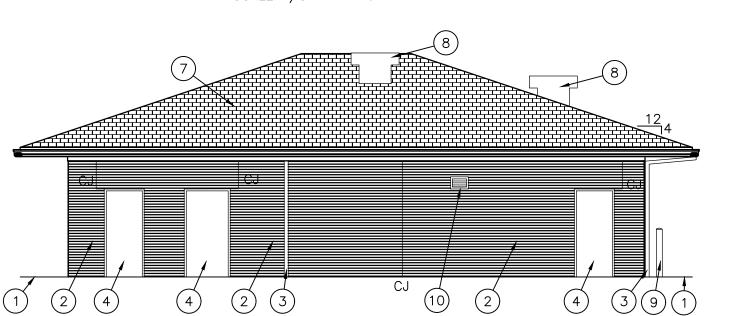
G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAIL

INDICATED OTHERWISE.

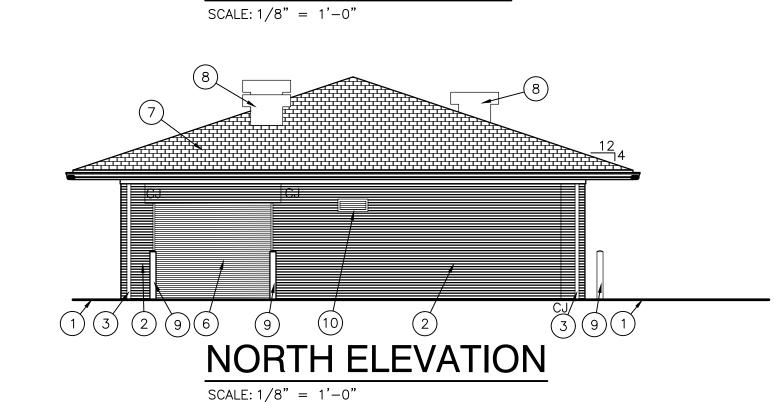
- A. REFER TO STRUCTURAL. DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS. B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS
- C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
- D. ALL NEW FACE BRICK SHALL BE MODULAR RUNNING BOND UNLESS NOTED E. FINISH GRADE INDICATES 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
- F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.

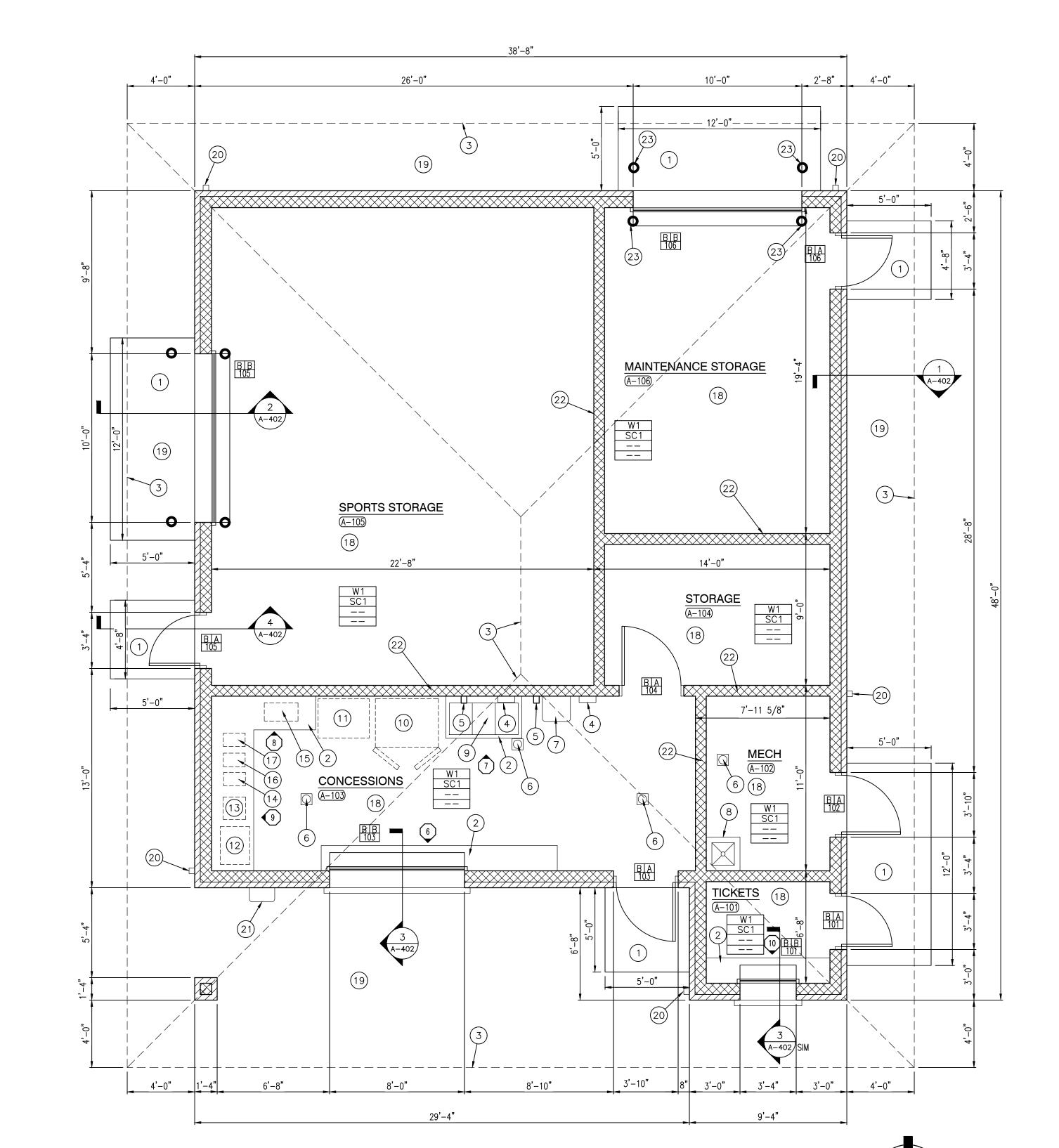






EAST ELEVATION





WIS COMMUNITY BUILDING - ARCHITECTURAL FLOOR PLAN



A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.

LOUVER SCHEDULE

LOUVER SIZE

- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO 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
- 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. G. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED
- H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE
- BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW

PLAN LEGEND:

INDICATES CASEWORK ELEVATION SYMBOL - REFER TO A-401 FOR

P1 — WALL FINISH C1 —FLOOR FINISH

> B1 —BASE FINISH -- MISC FINISH INFORMATION

PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1) CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALINE WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS. (2) casework and/or millwork, refer to elevations

(3) LINE OF ROOF.

(4) PAPER TOWEL DISPENSER. OFCI (5) SOAP DISPENSER. OFCL (6) FLOOR DRAIN, REFER TO PLUMBING.

 $(\,7\,)$ UTILITY SINK, REFER TO PLUMBING. (8) MOP SINK, REFER TO PLUMBING.

(9) THREE COMPARTMENT SINK, REFER TO PLUMBING (10) SODA COOLER BY OWNER

11) POPCORN MACHINE BY OWNER. 12) HOT DOG WARMER BY OWNER.

13) PRETZEL WARMER BY OWNER. (14) CHEESE DISPENSER BY OWNER. 15) MICROWAVE BY OWNER.

21) BOTTLE FILLER, REFER TO PLUMBING.

(16) COFFEE MAKER BY OWNER. 17) HOT CHOCOLATE MAKER BY OWNER. (18) CEILING TO BE GYPSUM BOARD AT 10'-7/8" AFF PAINT P1.

19) PERFORATED ALUMINUM SOFFIT. 20) ALUMINUM DOWNSPOUT AND BOOT.

(22) 8" CMU WALL TO BOTTOM OF GYPSUM BOARD CEILING

ROOM FINISHES:

P1 (PAINT), SHERWIN WILLIAMS, CEILING BRIGHT WHITE 7007. P2 (PAINT), SHERWIN WILLIAMS, GRIZZLE GRAY SW7068, DOOR FRAMES. <u>W1</u> (WALL COATING), SHERWIN WILLIAMS, WORLDLY GRAY SW7043. SC1 (SEALED CONCRETE), REFER TO CONCRETE SPECIFICATIONS FOR SEALER AND FINISH.

PL2 (PLASTIC LAMINATE), WILSONART, GRAPHITE NEBULA 4623-60, SUEDE

SS2 (SOLID SURFACE), CORIAN, NEUTRAL AGGREGATE.

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

LIBERTY &

PROJECTS

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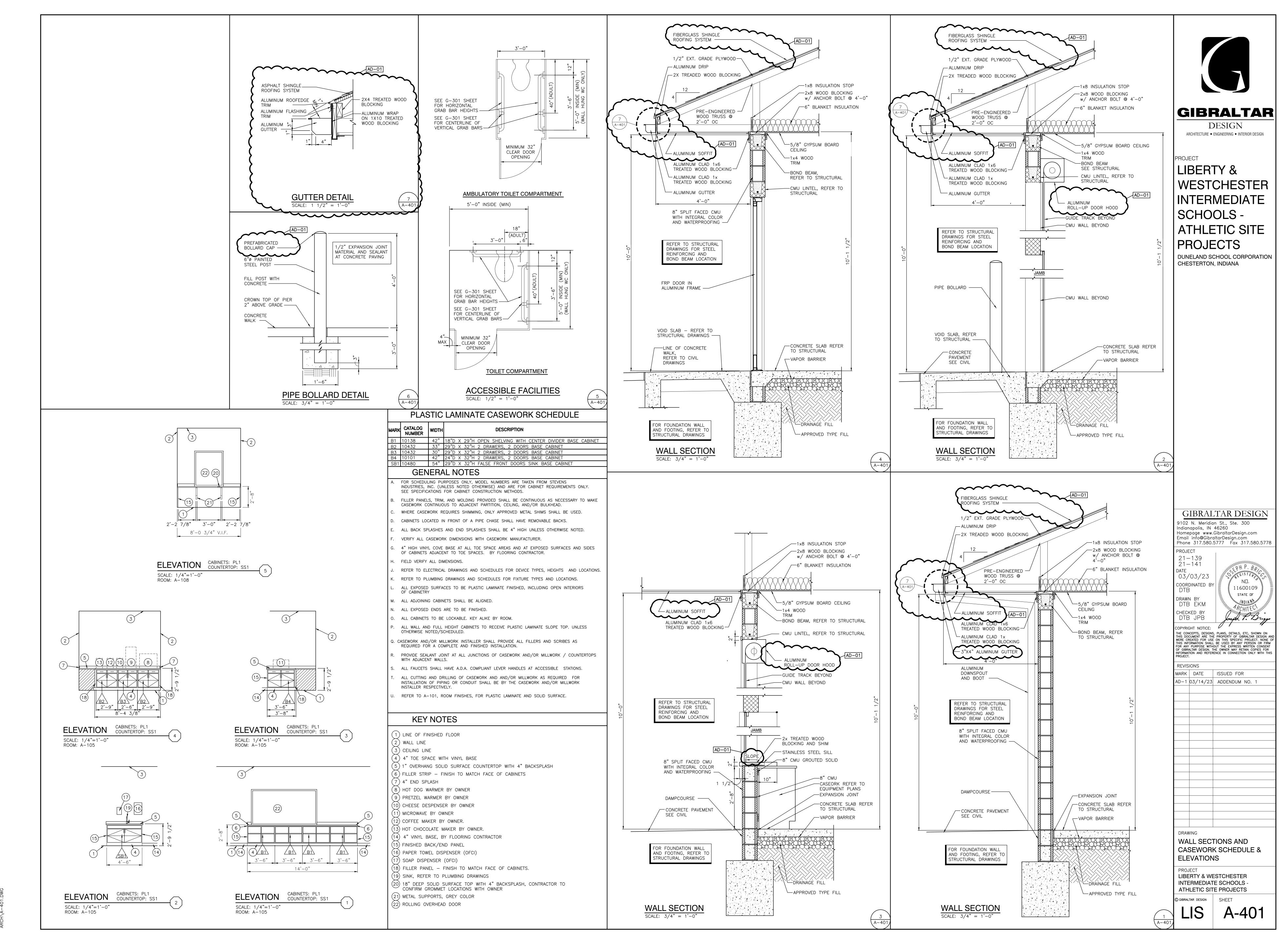
MARK	DATE	ISSUED FOR
AD-1	03/14/23	ADDENDUM NO. 1

COMMUNITY BUILDING

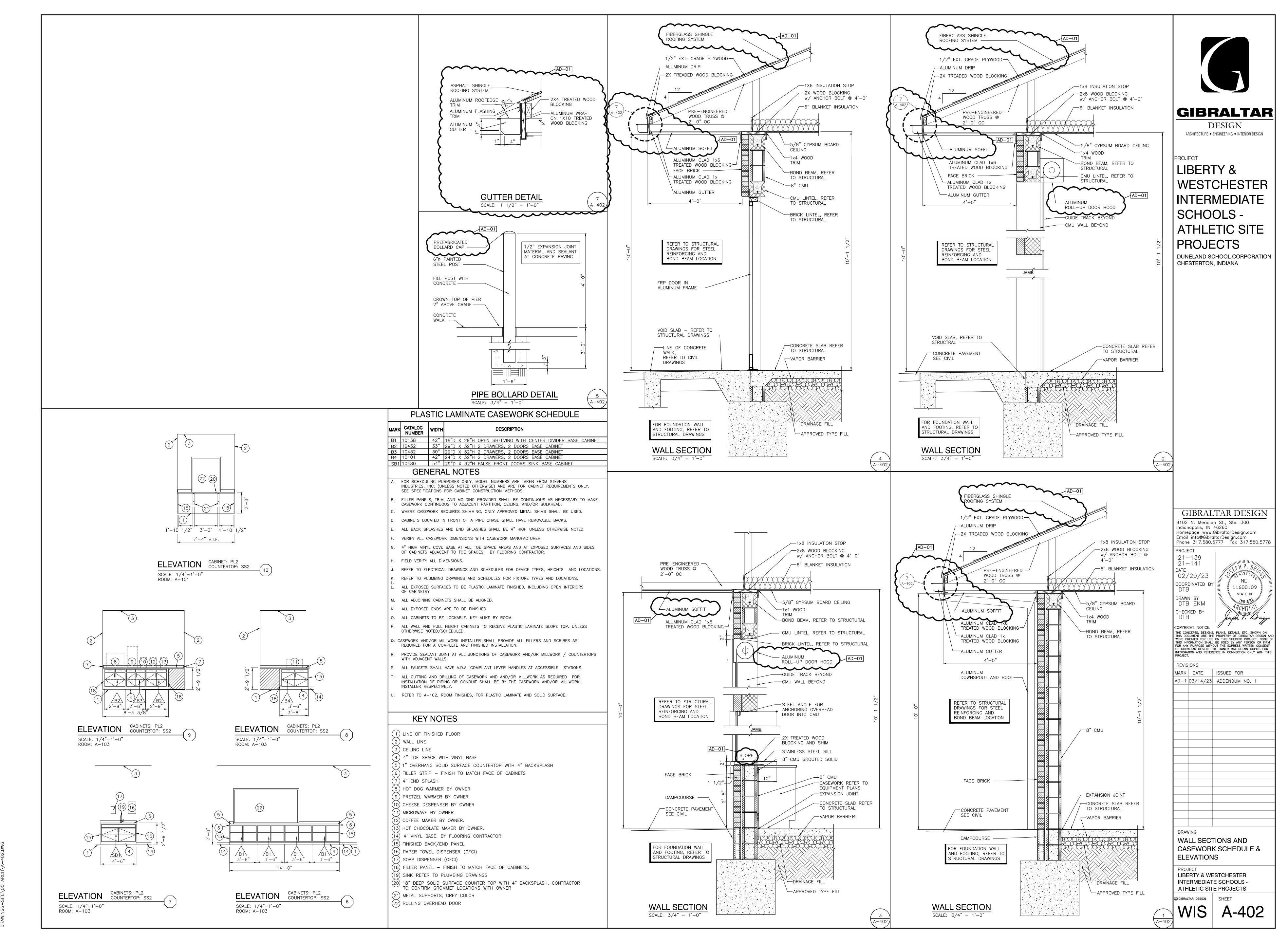
ARCHITECTURAL PLAN, ELEVATIONS, AND SCHEDULE LIBERTY & WESTCHESTER

INTERMEDIATE SCHOOLS ATHLETIC SITE PROJECTS

A-102



Tuesday, 3/14/2023 — 3:53 PM — LAST SAVED BY:1 Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE S ADDITIONS AND RENOVATIONS\21—139 DRAWINGS—SITE ARCH\A—401.DWG



Tuesday, 3/14/2023 — 3:53 PM — LAST SAVED BY:DBURI Y:\21—141 DUNELAND SC — WESTCHESTER INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21—141 DRAWINGS—SITE\05 ARCH\A—402.DWG

	•					MENT AND FIXTU			•				
TAG	FIXTURE/EQUIPMENT	FIXTURE/EQUIPMENT	FIXTURE/EQUIPMENT	ACCEPTABLE	FIXTURE VALVE/FAUCET	FIXTURE VALVE/FAUCET	ACCEPTABLE	ACCESSORIES/REMARKS		ELECT			
NO.	TYPE	DESCRIPTION	MANUFACTURER AND MODEL NO.	MANUF.	TYPE	TYPE	MANUF.	(SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)	HP MCA FL	AMP	S MOCF	YOLT	PH HZ.
WC-1	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED	AMERICAN STANDARD 2257.101	NOTE 1	BATTERY SENSOR FLUSH VALVE, 1.6 GPF	AMERICAN STANDARD 6065161.002	NOTE 1	AMERICAN STANDARD 5901.100 SEAT	- - -	- -	-	-	- -
WC-2	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED ADA	AMERICAN STANDARD 2257.101	NOTE 1	BATTERY SENSOR FLUSH VALVE, 16 GPF	AMERICAN STANDARD 6065161.002	NOTE 1	AMERICAN STANDARD 5901.100 SEAT		- -	-	-	
UR-1	URINAL	VITREOUS CHINA, WALL MOUNTED, ADA	AMERICAN STANDARD 6590.001	NOTE 1	BATTERY SENSOR FLUSH VALVE, Ø.5 GPF	AMERICAN STANDARD 6063051.002	NOTE 1	-			-	-	
L-1	LAVATORY	VITREOUS CHINA, WALL MOUNTED, 20'XIS' ADA	AMERICAN STANDARD 0355.012	NOTE 1	0.5 GPM-BATTERY SENSOR,4' CENTERS	AMERICAN STANDARD 6053.205.002	NOTE 2	PROVIDED WITH THERMOSTATIC MIXING VALVE. MCGUIRE *PW-2150-WC 1-1/2" PROWRAP, MCQUIRE *H2167CCLK SUPPLIES			-	-	
MB-1	MOP BASIN	24x24x10 HIGH DENSITY COMPOSITE MOP BASIN	ZURN Z1996-24	NOTE 3	WALL MOUNTED SERVICE FAUCET	ZURN Z843M4	NOTE 4	W/ 3/4" HOSE THREAD, VACUUM BREAKER, WALL BRACE			-	-	
S-1	SINK	STAINLESS STEEL, FLOOR MOUNTED, THREE COMPARTMENT	ELKAY E3C16×20-0×	NOTE 5	1.5 GPM, WALL MOUNTED	ELKAY LK945GNØ8T4T	NOTE 2	ELKAY *35 STRAINER, ELKAY *LK-53 DRAIN ASSEMBLY, MCGUIRE *H2167CCLK SUPPLIES			-	-	
S-2	SINK	STAINLESS STEEL, WALL MOUNTED, 22"x19", ADA	ELKAY #ELV2219	NOTE 5	1.5 GMP-TWO LEVER HANDLE, SINGLE HOLE	ELKAY LKD2223C	NOTE 2	MCGUIRE *PW-2150-WC 1-1/2" PROWRAP, MCQUIRE *H216TCCLK SUPPLIES		- -	-	-	
GT-1	GREASE TRAP	25 GPM, 1.3 GAL. SOLIDS, 10 GAL. LIQUID	SCHIER GBI	NOTE 6	-	-	-	-		- -	-	-	
FD-1	FLOOR DRAIN	CAST IRON BODY, ADJUSTABLE 6"x6" NICKEL BRONZE TOP	WADE 1100-G6-1	NOTE 7	-	-	-	VANDALPROOF SCREWS		- -	-	-	
FS-1	FLOOR SINK	CAST IRON, 8" DEEP, ACID RESISTING, 12"x12" TOP	WADE 9140	NOTE 7	-	-	-	ALUMINUM DOME STRAINER, SECURED HINGED GRATE, SLOPED RIM. TOP TO BE MOUNTED FLUSH WITH FLOOR		- -	-	-	
SC-1	SILLCOCK	NON-FREEZE, VACUUM BREAKER, REMOVABLE KEY	ZURN Z1321	NOTE 8	-	-	-	-		- -	-	-	
WH-1	WATER HEATER	15,000 WATTS, 61 GPH, 50 GAL. STORAGE	A.O. SMITH DRE-52-15	NOTE 9	-	-	-	TEMP. RELIEF VALVE AND DRAIN VALVE PIPED TO FLOOR DRAIN	18	3 -	-	480	3 60
RCP-1	RECIRCULATION PUMP	1.2 GPM @ 11' HEAD, ALL BRONZE CONSTRUCTION	BELL & GOSSETT PL-36	NOTE 10	-	-	-	WITH STRAP ON AQUASTAT	1/6		-	120	1 60
WS-1	WATER SOFENTER	CONT. FLOW 55 GPM, PEAK FLOW 72.5 GPM	CULLIGAN CTM-120			-	-	PROVIDED WITH BRINE TANK- 24' RD. 50' HIGH				115	1 60
BF-1	BOTTLE FILLER	WALL MOUNTED BOTTLE FILLER, FREEZE PROTECTED	ELKAY LK4405BFFRK	NOTE II			_						

AD-1

NOTE 1: AMERICAN STANDARD, KOHLER, ZURN, SLOAN, TOTO

NOTE 2: ZURN, DELTA, SLOAN, CHICAGO FAUCET CO., AMERICAN STANDARD, KOHLER

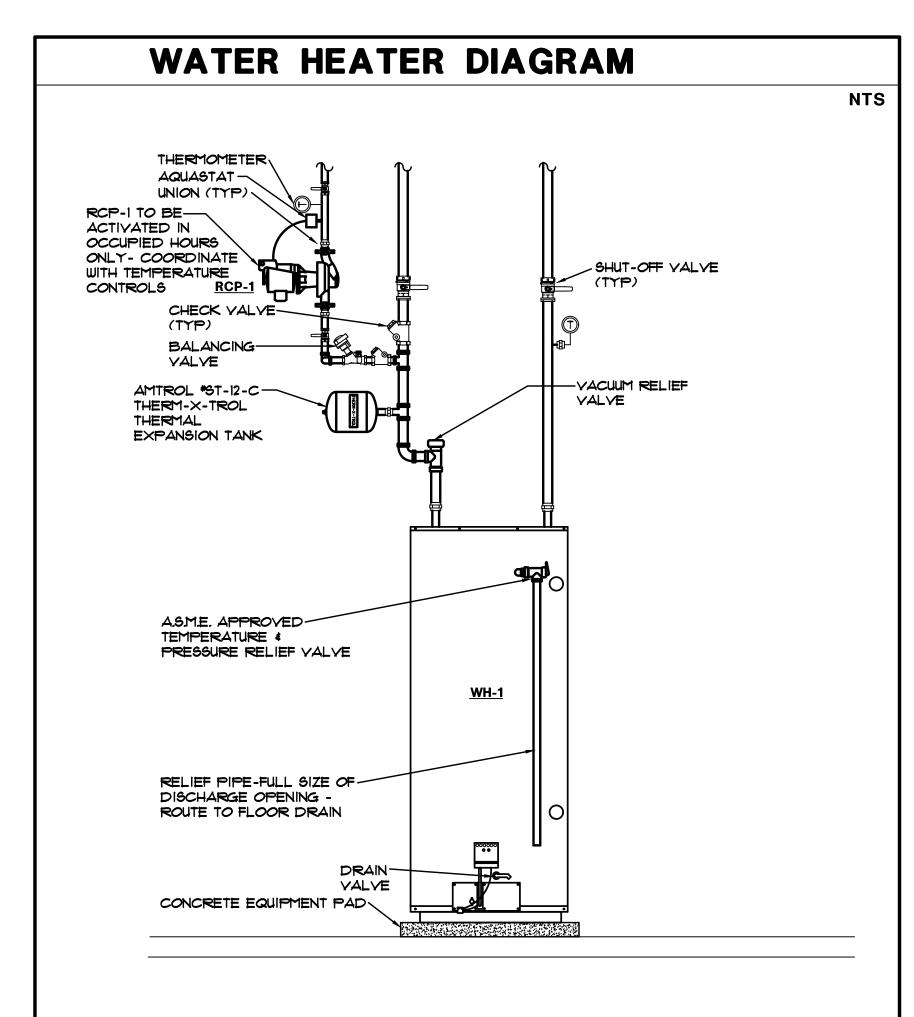
NOTE 3: ZURN, FIAT, MUSTEE, SWAN, ACORN NOTE 4: ZURN, DELTA, T&S BRASS, CHICAGO FAUCET CO.

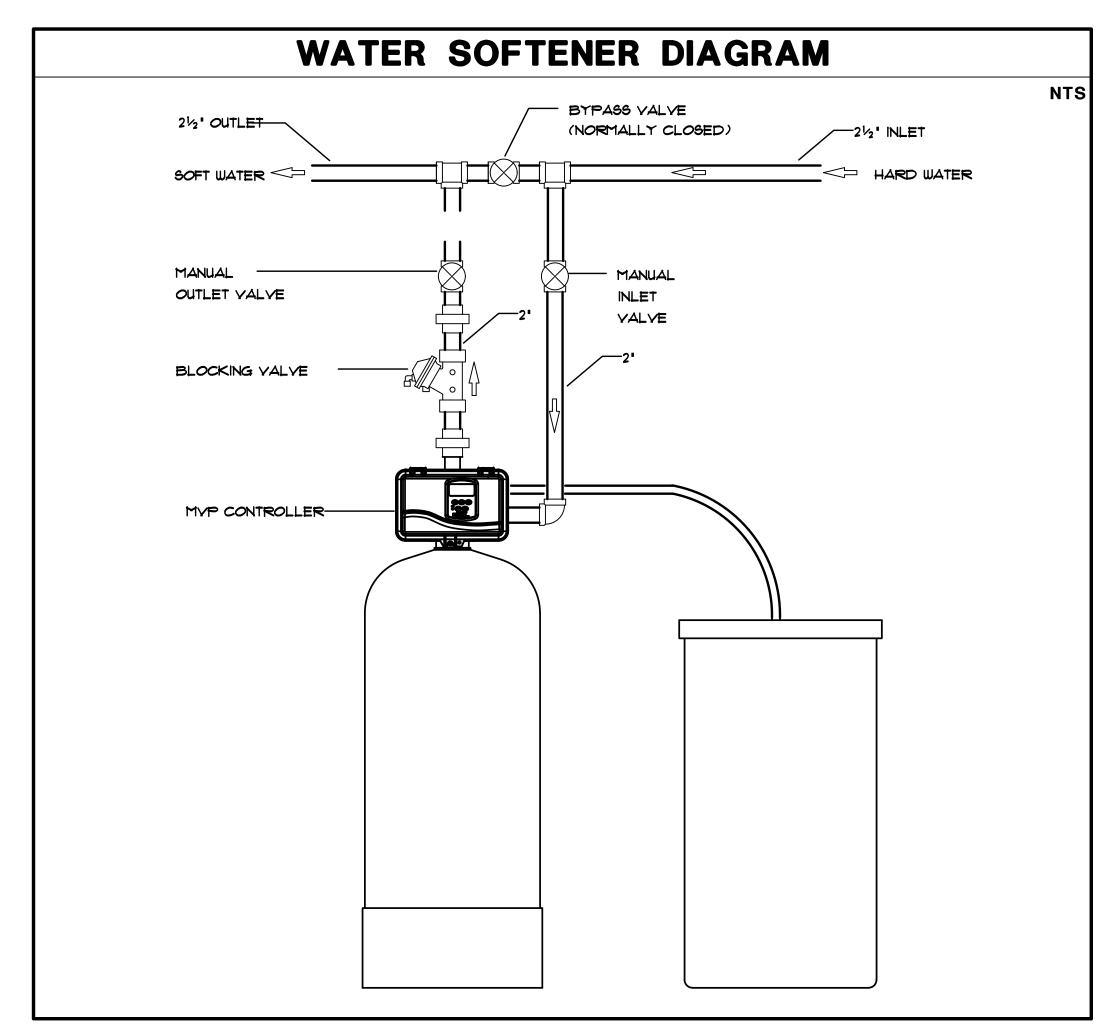
NOTE 5: ELKAY, JUST, KOHLER

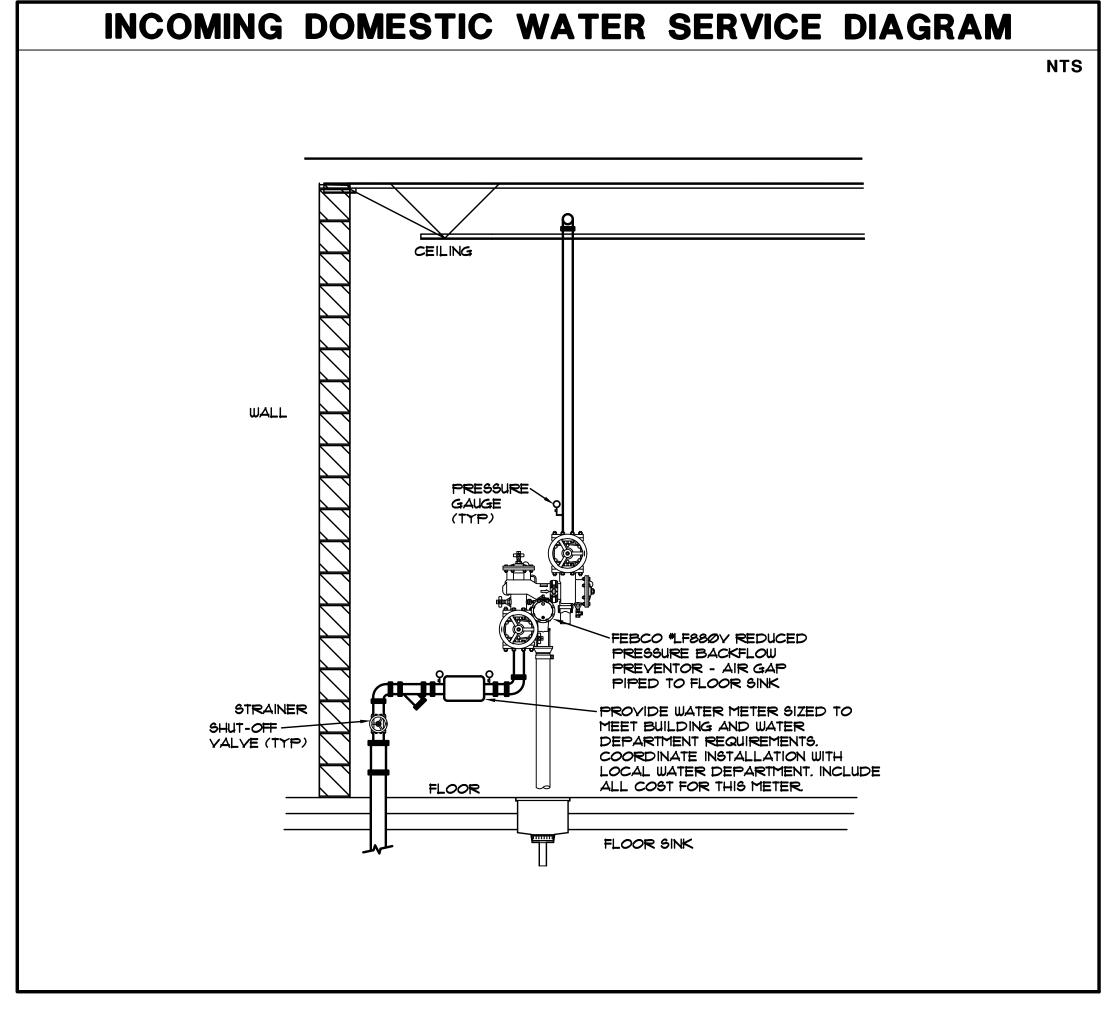
NOTE *6: SCHIER, ZURN

NOTE 7: ZURN, JOSAM, J.R. SMITH, MIFAB, WADE

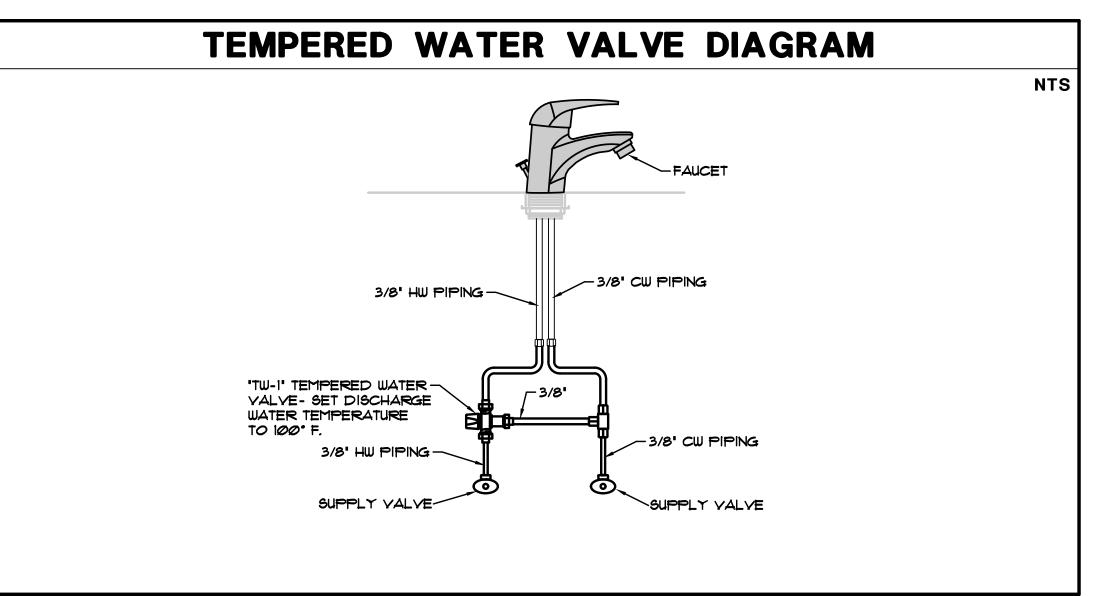
NOTE 8: JOSAM, ZURN, J.R. SMITH, WOODFORD, CHICAGO FAUCETS NOTE 9: STATE, LOCHINVAR, A.O. SMITH AD-1 NOTE 10: BELL & GOSSETT, TACO, METROPOLITAN NOTE 11: ELKAY, OASIS, HAWS, SUNROC







	NEW UNDERGROUND SANITARY SEWER	CO	CLEANOUT COLD WATER
	NEW COLD WATER PIPING	DN	DOWN
	NEW HOT WATER PIPING	FCO FD	FLOOR CLEANOUT FLOOR DRAIN
	NEW HOT WATER RECIRCULATION PIPING	FS GT	FLOOR SINK GREASE TRAP
	NEW VENT PIPING	HW HWR INY, EL,	HOT WATER HOT WATER RECIRCULATION INVERT ELEVATION
	PIPE PITCHED DOWN IN DIRECTION OF FLOW	L MB	LAVATORY MOP BASIN
	DIRECTION OF FLOW	RCP S	HOT WATER RECIRCULATION PUMP SINK
с <u> —</u>	PIPE DOWN	TWH UR	TANKLESS WATER HEATER URINAL
O —	PIPE UP	V VTR	VENT VENT THROUGH ROOF
⊢●	SHUT-OFF VALVE	WCO	WATER CLOSET WALL CLEANOUT
12	CHECK YALVE	YCO	YARD CLEANOUT
- \$ 	HOSE BIBB/SILL COCK		
•	BALANCING COCK/MANUAL FLOW CONTROL VALVE		
(THERMOMETER		
	PRESSURE GAUGE		





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MARK DATE ISSUED FOR |AD-1| 03/14/23 | ADDENDUM NO. 1DRAWING PLUMBING SYMBOLS,

SCHEDULES, DETAILS & DIAGRAMS

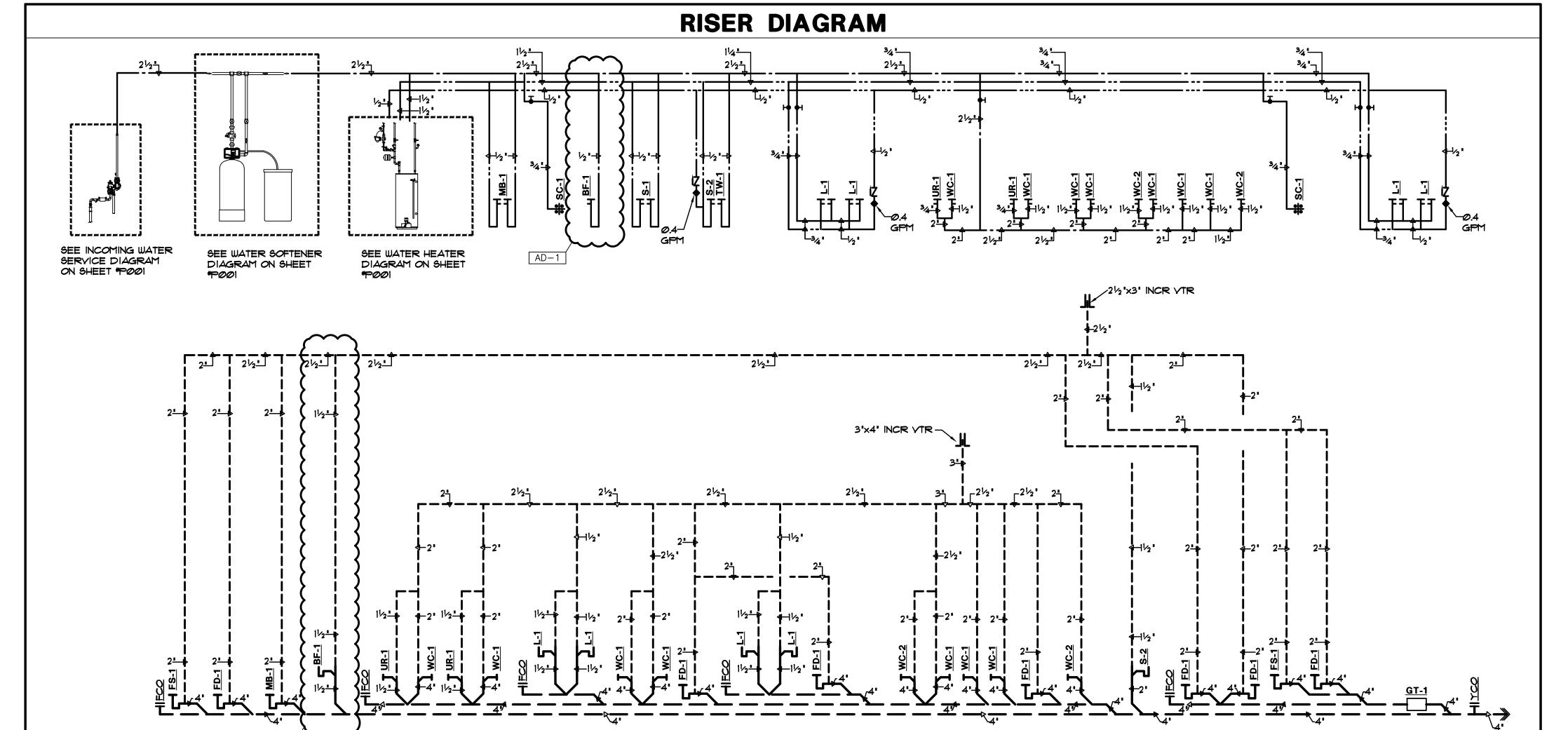
PROJECT LIBERTY & WESTCHESTER INTERMEDIATE SCHOOLS -ATHLETIC SITE PROJECTS

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GENERAL NOTES

- A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE PLUMBING CODES.
- 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
- C.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.
- D. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
- E.LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING AND BUILDING STRUCTURE.
- F. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT TIMES. REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING PLUMBING
- G. VERIFY LOCATION AND ELEVATION OF PLUMBING EQUIPMENT, FIXTURES, PIPING, PANELS, ETC. EXPOSED WITHIN OCCUPIED SPACES BEFORE THE START OF ANY ROUGH-IN OR INSTALLATION.
- H.COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) BEFORE ORDERING ANY
- I. COORDINATE VENT THROUGH ROOF LOCATIONS WITH OUTDOOR AIR INTAKE LOCATIONS TO MAINTAIN A MINIMUM SEPARATION OF
- J. PROVIDE AND INSTALL PLENUM WRAP, TESTED TO UL 84 AND UL 910, ON ALL EXISTING PVC PIPING IN NEW OR EXISTING RETURN AIR CEILING PLENUMS.
- K.PROVIDE A WATERTIGHT SHEET METAL DRIP PAN OVER ELECTRICAL EQUIPMENT INSTALLED UNDER OR NEAR PIPING SYSTEMS. DRIP PAN TO EXTEND MINIMUM 3" OVER FRONT AND SIDES OF ELECTRICAL EQUIPMENT AND BE PITCHED AT A MINIMUM 30" ANGLE. SEAL DRIP PAN WATERTIGHT TO WALL.

- L.PROVIDE VENT PIPING FROM GAS PRESSURE REDUCING STATIONS. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDING AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.
- M.PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO PLUMBING EQUIPMENT AND FIXTURES. SET FIXTURES/EQUIPMENT AND FURNISH AND INSTALL NECESSARY FITTINGS, TRAPS, STOPS, ETC. AS REQUIRED.
- N.PROVIDE ALL ROUGH-IN AND FINAL SERVICES AND CONNECT ALL WATER LINES, WASTE LINES, INDIRECT PIPING, ETC. FOR FIXTURES AND KITCHEN EQUIPMENT ITEMS. PROVIDE 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.
- O. PLUMBING PIPING ROUTING TO BE FIELD COORDINATED WITH NEW AND EXISTING HYAC DUCTWORK, HYAC PIPING, FIRE PROTECTION PIPING, ELECTRICAL AND STRUCTURE TO ENSURE NO CONFLICTS WILL OCCUR DUE TO INTERFERENCE.
- P.PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
- Q. ISOLATION VALVES SHALL BE INSTALLED OVER ACCESSIBLE CEILINGS. WHEN ISOLATION VALVES ARE INSTALLED OVER INACCESSIBLE CEILING AREAS, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO FURNISH AND INSTALL 12" X 12" (MINIMUM) CEILING ACCESS DOORS. TYPE TO BE VANDALPROOF, TAMPERPROOF ASSEMBLIES. INSTALLATION TO BE COORDINATED WITH GENERAL CONTRACTOR.
- R. INVERT ELEVATIONS SHALL BE FIELD COORDINATED WITH FINAL GRADING PLANS TO ENSURE PROPER INSTALLATION.
- S.REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR FINAL MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- T. PROTECT NEW AND EXISTING DRAIN OPENINGS AND SANITARY LINES DURING CONSTRUCTION TO PREVENT BLOCKAGE. ROD-OUT EXISTING SANITARY PIPING. PIPING SHALL BE FREE OF BLOCKAGE.
- U. REPAIR AND/OR REPLACE DAMAGED PIPE INSULATION THAT OCCURS AS THE RESULT OF THIS CONSTRUCTION.
- V. PIPING PENETRATING AIR PLENUM CEILING AREAS SHALL BE PROPERLY SEALED TO MAKE AIRTIGHT. REFER TO MECHANICAL DUCTWORK DRAWINGS FOR AIR PLENUM LOCATIONS.
- W.PRIME AND PAINT EXPOSED PIPING IN FINISHED AREAS IN COLOR AS SELECTED BY OWNERS REPRESENTATIVE.





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21-139
21-141
DATE
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AD-1	03/14/23	ADDENDUM NO. 1
	/INC	

PLUMBING NOTES AND DIAGRAMS

PROJECT
LIBERTY & WESTCHESTER
INTERMEDIATE SCHOOLS -

ATHLETIC SITE PROJECTS

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LIS P-002

TAG	FIXTURE/EQUIPMENT	FIXTURE/EQUIPMENT	FIXTURE/EQUIPMENT	ACCEPTABLE	FIXTURE VALVE/FAUCET	FIXTURE VALVE/FAUCET	ACCEPTABLE	ACCESSORIES/REMARKS			ELECT	TRICAL DAT	Α
NO.	TYPE	DESCRIPTION	MANUFACTURER AND MODEL NO.	MANUF.	TYPE	TYPE	MANUF.	(SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)	Hf	P MCA F	FLA AMF	-S MOCP	VOLT F
MB-1	MOP BASIN	24x24x10 HIGH DENSITY COMPOSITE MOP BASIN	ZURN Z1996-24	NOTE 2	WALL MOUNTED SERVICE FAUCET	ZURN Z843M4	NOTE 3	W/3/4" HOSE THREAD, VACUUM BREAKER, WALL BRACE	-	-		. -	-
S-1	SINK	STAINLESS STEEL, FLOOR MOUNTED, THREE COMPARTMENT	ELKAY E3CI6X2Ø-ØX	NOTE 4	1.5 GPM, WALL MOUNTED	ELKAY LK945GNØ8T4T	NOTE 1	ELKAY *35 STRAINER, ELKAY *LK-53 DRAIN ASSEMBLY, MCGUIRE *H2167CCLK SUPPLIES	-	-		-	-
S-2	SINK	STAINLESS STEEL, WALL MOUNTED, 22"x19", ADA	ELKAY *ELV2219	NOTE 4	1.5 GMP-TWO LEVER HANDLE, SINGLE HOLE	ELKAY LKD2223C	NOTE 1	MCGUIRE #PW-2150-WC 1-1/2" PROWRAP, MCQUIRE #H2167CCLK SUPPLIES	-	-		-	-
GT-1	GREASE TRAP	25 GPM, 1.3 GAL. SOLIDS, 10 GAL. LIQUID	SCHIER GBI	NOTE 5	-	-	-	-	-	-			-
FD-1	FLOOR DRAIN	CAST IRON BODY, ADJUSTABLE 6'X6" NICKEL BRONZE TOP	WADE 1100-G6-1	NOTE 6	-	-	-	VANDALPROOF SCREWS	-	-		-	-
FS-1	FLOOR SINK	CAST IRON, 8" DEEP, ACID RESISTING, 12"x12" TOP	WADE 9140	NOTE 6	-	-	-	ALUMINUM DOME STRAINER, SECURED HINGED GRATE, SLOPED RIM. TOP TO BE MOUNTED FLUSH WITH FLOOR	-	-			-
SC-1	SILLCOCK	NON-FREEZE, VACUUM BREAKER, REMOVABLE KEY	ZURN Z1321	NOTE 7	-	-	-	-	-	-		-	-
WH-1	WATER HEATER	6000 WATTS, 24 GPH, 20 GAL. STORAGE	A.O. SMITH DEL-20	NOTE 8	-	-	-	TEMP. RELIEF VALVE, DRAIN VALVE PIPED TO SERVICE SINK	-	-		-	ו דד2
RCP-1	RECIRCULATION PUMP	0.5 GPM @ 5' HEAD, ALL BRONZE CONSTRUCTION	BELL 4 GOSSETT PL-36	NOTE 9	-	-	-	WITH STRAP ON AQUASTAT	1/6	, -		-	120 1
WS-1	WATER SOFENTER	CONT. FLOW 55 GPM, PEAK FLOW 12.5 GPM	CULLIGAN CTM-120	•••••••••••••••••••••••••••••••••••••••		<u>.</u>	~~~~~	PROVIDED WITH BRINE TANK- 24' RD. 50' HIGH		-		~~~	115
3F-1	BOTTLE FILLER	WALL MOUNTED BOTTLE FILLER, FREEZE PROTECTED	ELKAY LK4405BFFRK	NOTE 10	_	•	-	_					_

NOTE 1: ZURN, DELTA, SLOAN, CHICAGO FAUCET CO., AMERICAN STANDARD, KOHLER

NOTE 2: ZURN, FIAT, MUSTEE, SWAN, ACORN

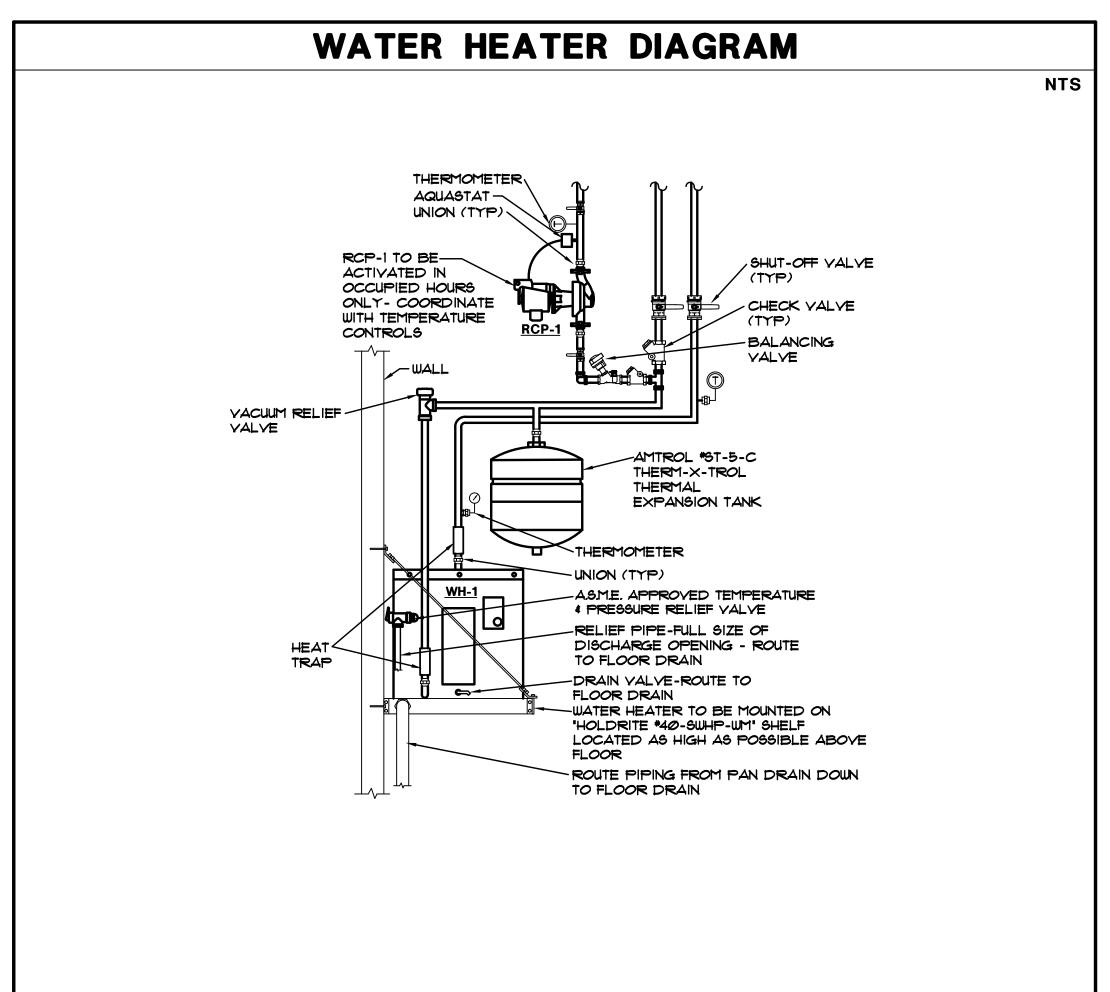
NOTE 3: ZURN, DELTA, T46 BRAGG, CHICAGO FAUCET CO.

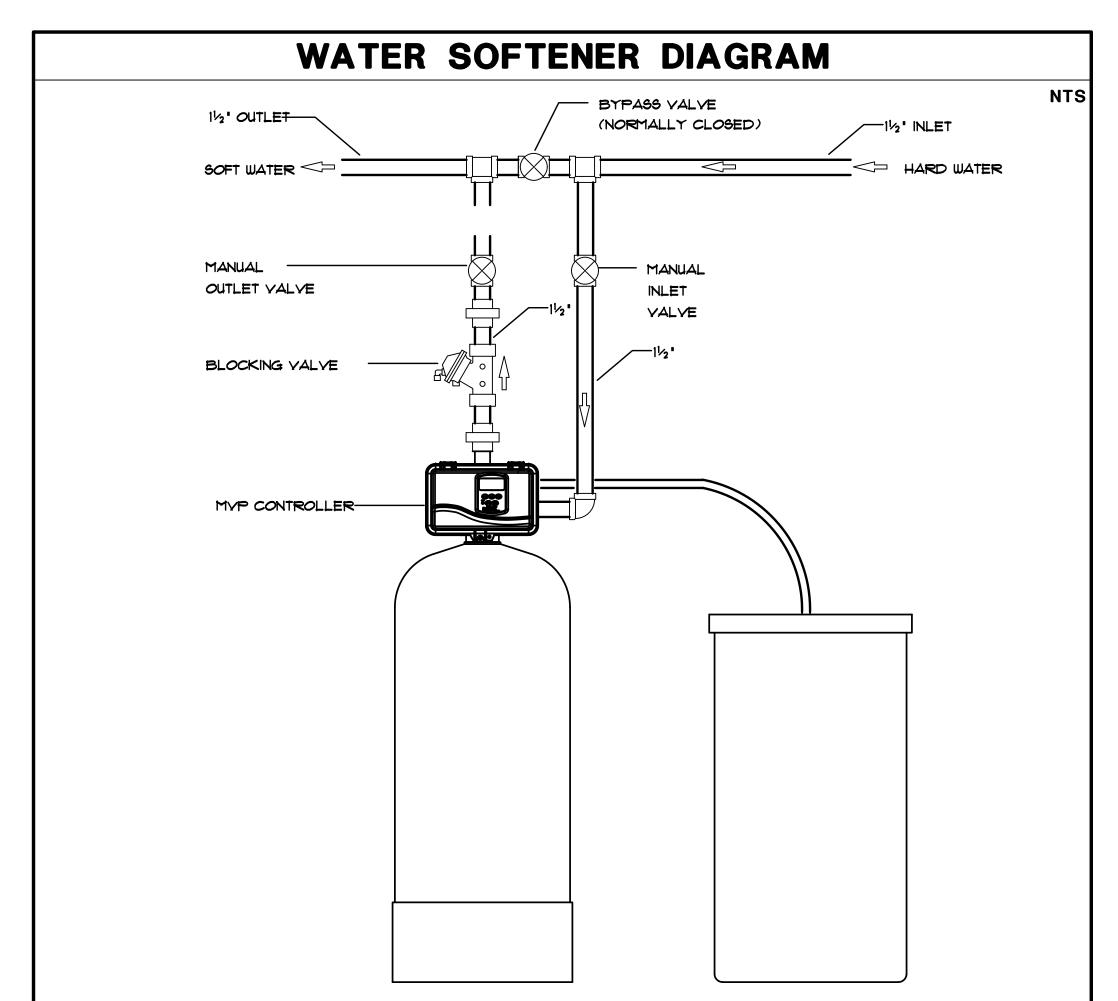
NOTE 4: ELKAY, JUST, KOHLER

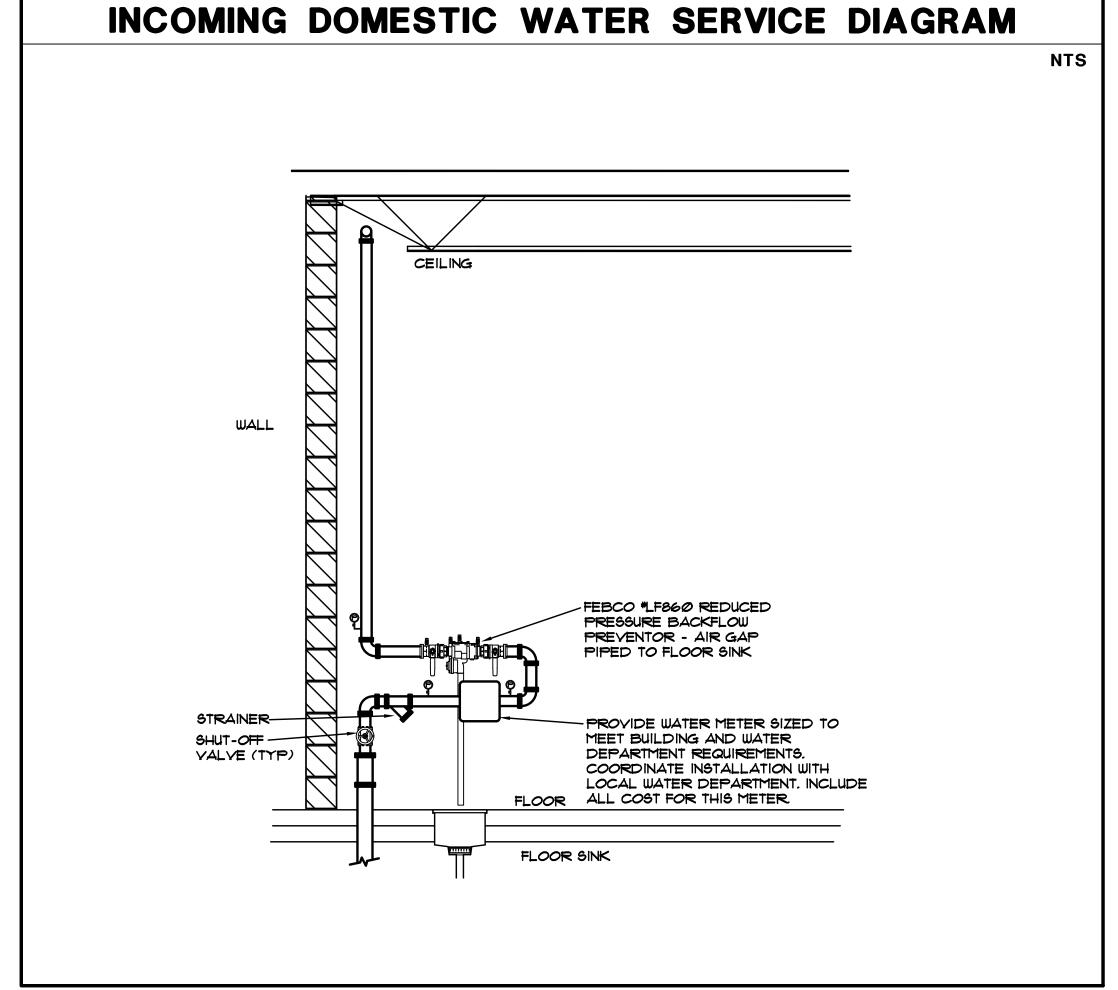
NOTE 5: SCHIER, ZURN

NOTE 6: ZURN, JOSAM, J.R. SMITH, MIFAB, WADE

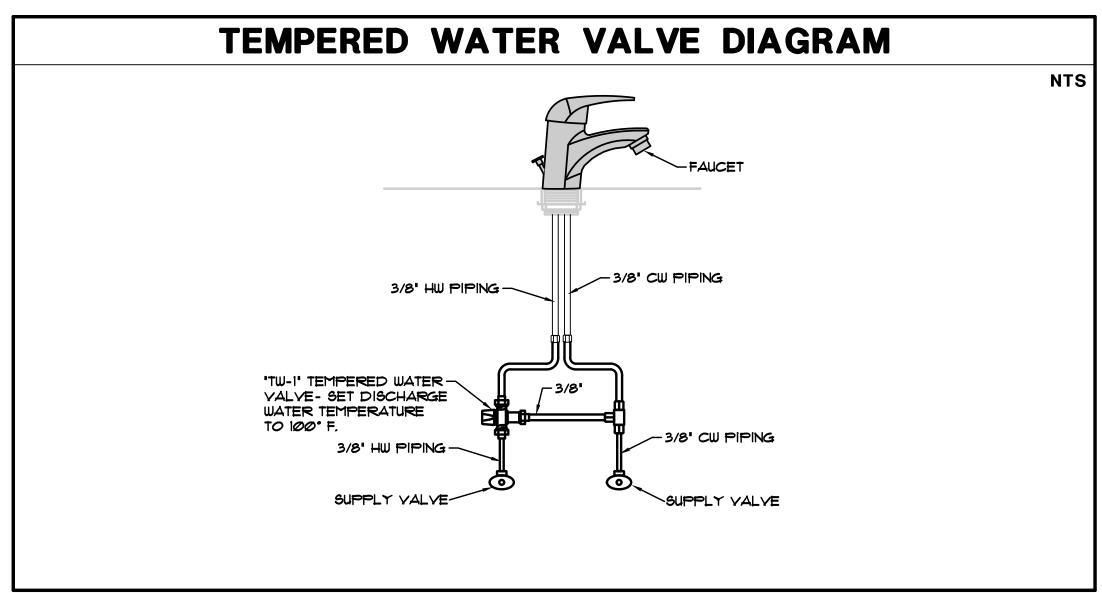
NOTE 7: JOSAM, ZURN, J.R. SMITH, WOODFORD, CHICAGO FAUCETS NOTE 8: NORITZ, NAVIEN, INTELLIHOT, RHEEM NOTE 9: BELL & GOSSETT, TACO, METROPOLITAN
NOTE 10: ELKAY, OASIS, HAWS, SUNROC







	NEW UNDERGROUND SANITARY SEWER	CO CW	CLEANOUT COLD WATER
	NEW COLD WATER PIPING	DN	DOWN
	NEW HOT WATER PIPING	FCO FD	FLOOR CLEANOUT FLOOR DRAIN
	NEW HOT WATER RECIRCULATION PIPING	FS GT	FLOOR SINK GREASE TRAP
	NEW VENT PIPING	HWR HWR INY, EL,	HOT WATER HOT WATER RECIRCULATION INVERT ELEVATION
	PIPE PITCHED DOWN IN DIRECTION OF FLOW	L MB	LAVATORY MOP BASIN
—	DIRECTION OF FLOW	RCP S	HOT WATER RECIRCULATION PUMF
c —	PIPE DOWN	TWH UR	TANKLESS WATER HEATER URINAL
O —	PIPE UP	Y YTR	VENT VENT THROUGH ROOF
₩	SHUT-OFF YALVE	WC WCO	WATER CLOSET WALL CLEANOUT
\overrightarrow{Z}	CHECK YALYE	YCO	YARD CLEANOUT
- 88	HOSE BIBB/SILL COCK		
•	BALANCING COCKMANUAL FLOW CONTROL VALVE		
lacktriangle	THERMOMETER		
	PRESSURE GAUGE		
	SHEET NOTE TAG		





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DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA

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PLUMBING SYMBOLS, SCHEDULES, DETAILS & DIAGRAMS

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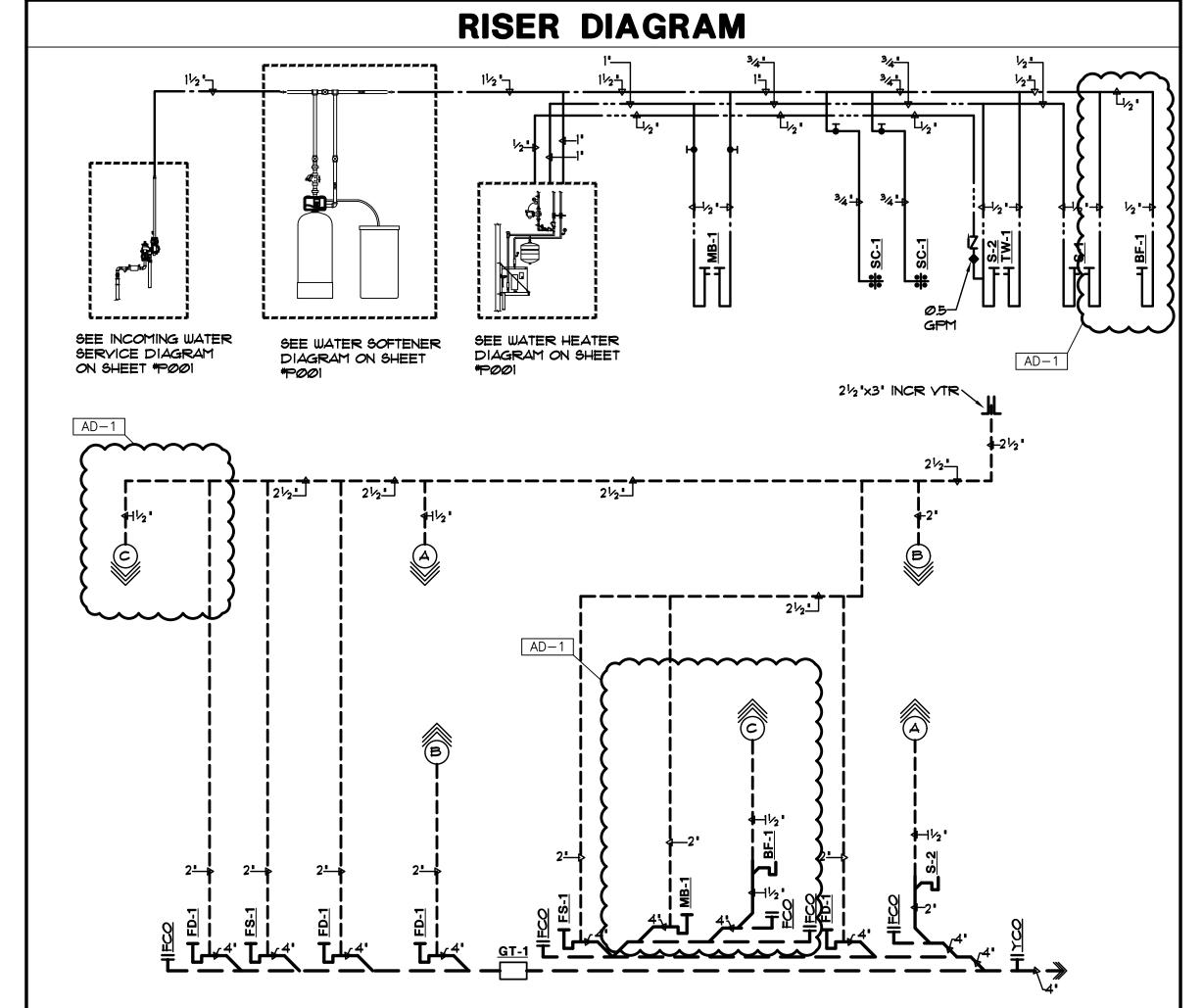
GENERAL NOTES

- A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE PLUMBING CODES.
- 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
- CLAYOUT 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. D. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF
- E.LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING AND BUILDING STRUCTURE.

BUILDING TO REMAIN OCCUPIED.

- F. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT TIMES. REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING PLUMBING
- G. VERIFY LOCATION AND ELEVATION OF PLUMBING EQUIPMENT, FIXTURES, PIPING, PANELS, ETC. EXPOSED WITHIN OCCUPIED SPACES BEFORE THE START OF ANY ROUGH-IN OR INSTALLATION.
- H.COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) BEFORE ORDERING ANY
- I. COORDINATE VENT THROUGH ROOF LOCATIONS WITH OUTDOOR AIR INTAKE LOCATIONS TO MAINTAIN A MINIMUM SEPARATION OF
- J. PROVIDE AND INSTALL PLENUM WRAP, TESTED TO UL 84 AND UL 910, ON ALL EXISTING PYC PIPING IN NEW OR EXISTING RETURN AIR CEILING PLENUMS.
- K.PROVIDE A WATERTIGHT SHEET METAL DRIP PAN OVER ELECTRICAL EQUIPMENT INSTALLED UNDER OR NEAR PIPING SYSTEMS. DRIP PAN TO EXTEND MINIMUM 3' OVER FRONT AND SIDES OF ELECTRICAL EQUIPMENT AND BE PITCHED AT A MINIMUM 30° ANGLE. SEAL DRIP PAN WATERTIGHT TO WALL.

- L.PROVIDE VENT PIPING FROM GAS PRESSURE REDUCING STATIONS. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDING AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.
- M.PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO PLUMBING EQUIPMENT AND FIXTURES, SET FIXTURES/EQUIPMENT AND FURNISH AND INSTALL NECESSARY FITTINGS, TRAPS, STOPS, ETC. AS REQUIRED.
- N.PROVIDE ALL ROUGH-IN AND FINAL SERVICES AND CONNECT ALL WATER LINES, WASTE LINES, INDIRECT PIPING, ETC. FOR FIXTURES AND KITCHEN EQUIPMENT ITEMS. PROVIDE ALL YALVES, 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.
- O. PLUMBING PIPING ROUTING TO BE FIELD COORDINATED WITH NEW AND EXISTING HYAC DUCTWORK, HYAC PIPING, FIRE PROTECTION PIPING, ELECTRICAL AND STRUCTURE TO ENSURE NO CONFLICTS WILL OCCUR DUE TO INTERFERENCE.
- P.PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
- Q. ISOLATION YALVES SHALL BE INSTALLED OVER ACCESSIBLE CEILINGS. WHEN ISOLATION VALVES ARE INSTALLED OVER INACCESSIBLE CEILING AREAS, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO FURNISH AND INSTALL 12" × 12" (MINIMUM) CEILING ACCESS DOORS, TYPE TO BE VANDALPROOF, TAMPERPROOF ASSEMBLIES. INSTALLATION TO BE COORDINATED WITH GENERAL CONTRACTOR.
- R. INVERT ELEVATIONS SHALL BE FIELD COORDINATED WITH FINAL GRADING PLANS TO ENSURE PROPER INSTALLATION.
- S.REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR FINAL MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- T. PROTECT NEW AND EXISTING DRAIN OPENINGS AND SANITARY LINES DURING CONSTRUCTION TO PREVENT BLOCKAGE. ROD-OUT EXISTING SANITARY PIPING. PIPING SHALL BE FREE OF BLOCKAGE.
- U. REPAIR AND/OR REPLACE DAMAGED PIPE INSULATION THAT OCCURS AS THE RESULT OF THIS CONSTRUCTION.
- Y. PIPING PENETRATING AIR PLENUM CEILING AREAS SHALL BE PROPERLY SEALED TO MAKE AIRTIGHT. REFER TO MECHANICAL DUCTWORK DRAWINGS FOR AIR PLENUM LOCATIONS.
- W.PRIME AND PAINT EXPOSED PIPING IN FINISHED AREAS IN COLOR AS SELECTED BY OWNERS REPRESENTATIVE.





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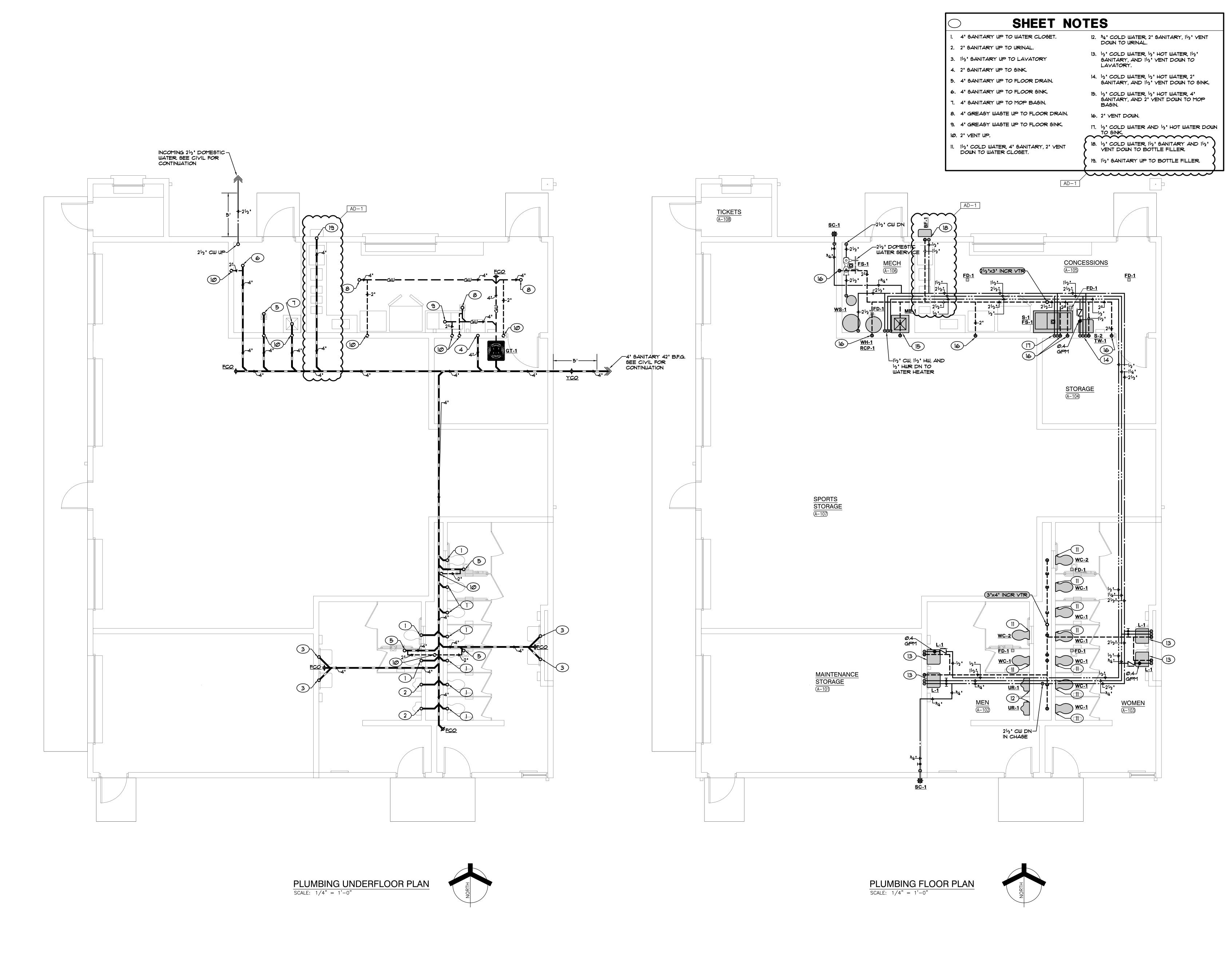
PLUMBING NOTES & DIAGRAMS

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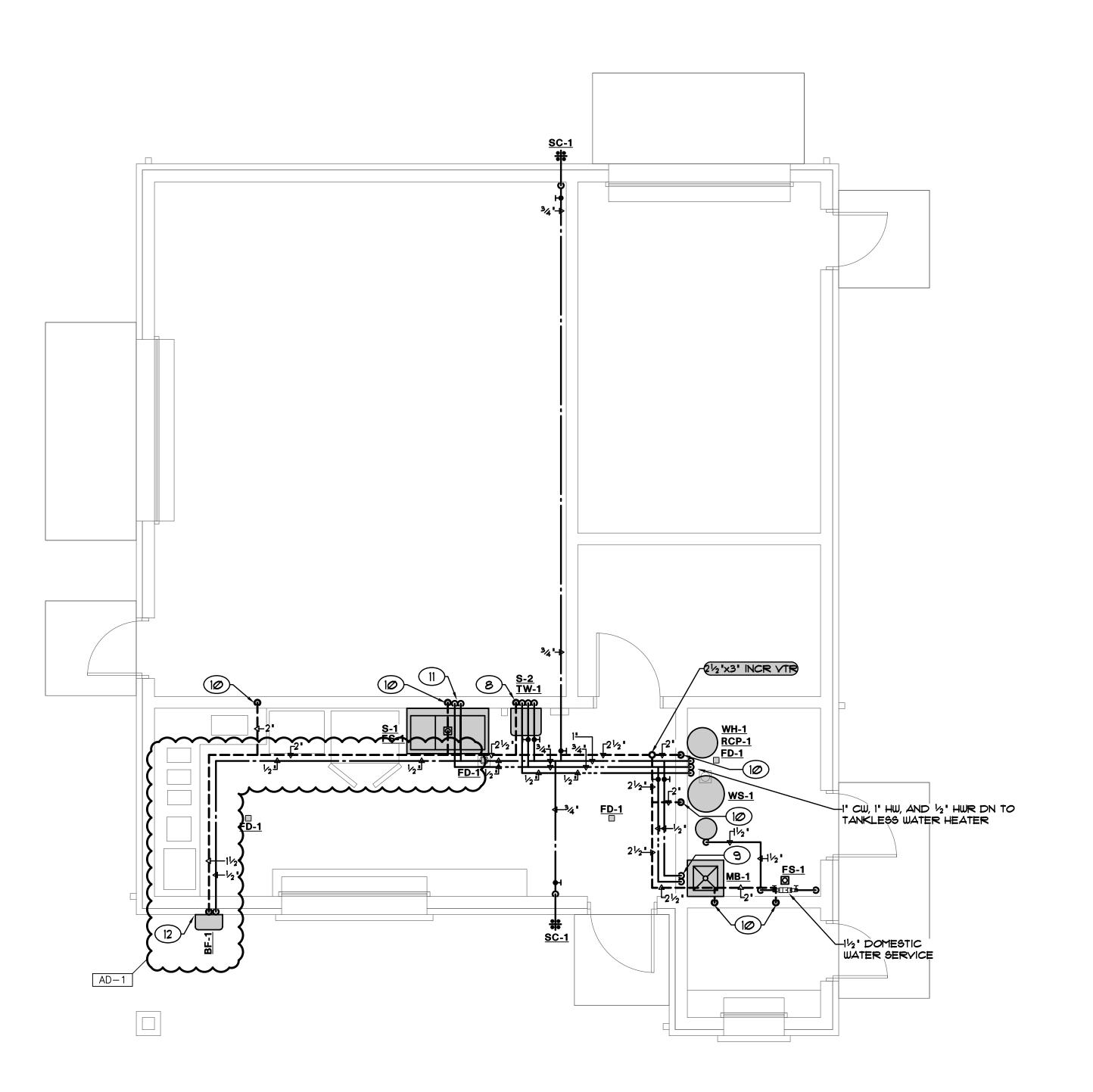
PLUMBING PLANS

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THE SAN WAY AT BPG. THE SAN W

PLUMBING UNDERFLOOR PLAN
SCALE: 1/4" = 1'-0"



PLUMBING FLOOR PLAN

SCALE: 1/4" = 1'-0"



- 1. 2" SANITARY UP TO SINK.
- 2. 4" SANITARY UP TO FLOOR DRAIN.
- 3. 4" SANITARY UP TO FLOOR SINK
- 4. 4' SANITARY UP TO MOP BASIN.
- 5. 4" GREASY WASTE UP TO FLOOR DRAIN.
- 6. 4" GREASY WASTE UP TO FLOOR SINK.
- 7. 2" YENT UP.
- 8. ½" COLD WATER, ½" HOT WATER, 2" SANITARY, AND 1½" VENT DOWN TO SINK.
 9. ½" COLD WATER, ½" HOT WATER, 4" SANITARY, AND 2" VENT DOWN TO MOP BASIN.
- 10. 2" VENT DOWN.
- 11. 1/2" COLD WATER AND 1/2" HOT WATER DOWN TO SINK.
- 12. 1/2" COLD WATER, 11/2" SANITARY AND 11/2" VENT DOWN TO BOTTLE FILLER.
- 13. 11/2" SANITARY UP TO BOTTLE FILLER.

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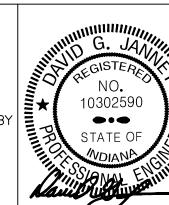
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