ADDENDUM NO. 02

February 16, 2024

ZCS-ZCHS Stadium Locker Building & Concrete Repairs, ZMS Tennis Courts and Eagle Elementary Building Demolition & Playground Renovation
1000 Mulberry St.
Zionsville, IN, 46077

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 January 22, 2024, by Fanning Howey (Architect). 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 - 1 and attached Addendum No. 2 from Fanning Howey dated February 16, 2024 for **Zionsville Middle School 223144.00** consisting of 1 page and 2 Drawings.

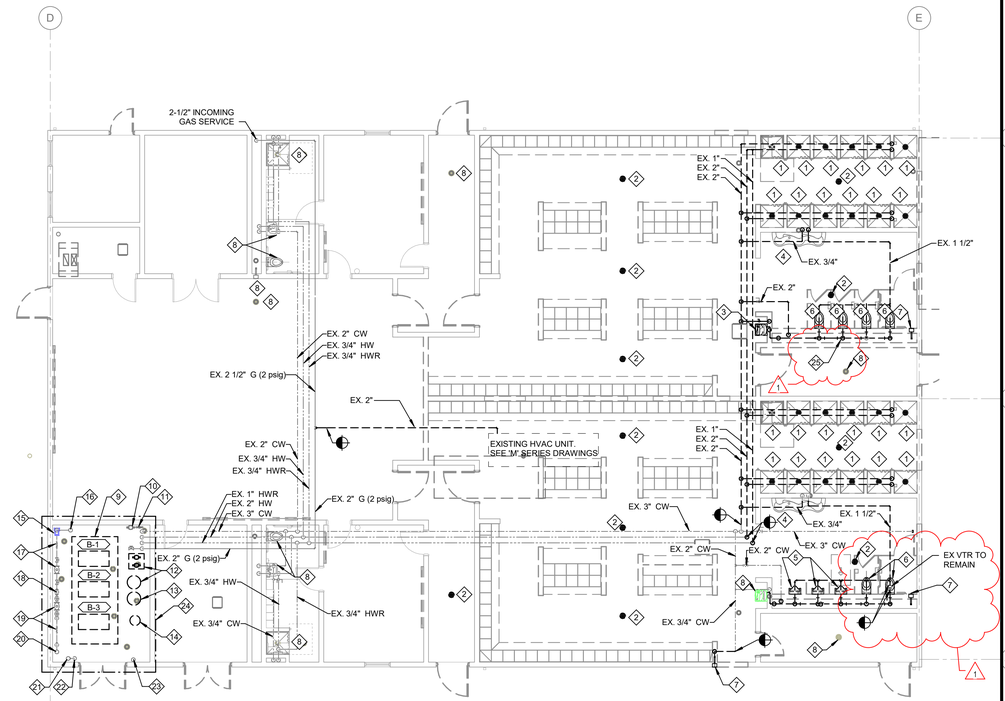
1. **Zionsvile Community High School Stadium Locker Building Addition and Renovation**

   A. Two (2) drawings sheets PD1A and PP1A are being reissued. They are the same version as what was issued in Addendum 01, however they appeared unreadable because of formatting problems. The drawings sheets included in this Addendum 02 shall supersede previous sheets.

END OF ADDENDUM

DEMOLITION PLAN NOTES

1. EXISTING SHOWER VALVE, SHOWER DRAIN AND ASSOCIATED PIPING TO BE REMOVED COMPLETE. CAP SHOWER DRAIN WASTE PIPING BELOW FINISHED FLOOR AND PATCH CONCRETE FLOOR.
2. EXISTING FLOOR DRAIN TO BE REMOVEDCOMPLETE. CAP WASTE PIPING BELOW FINISHED FLOOR AND PATCH CONCRETE FLOOR.
3. EXISTING WATER COOLER AND ASSOCIATED PIPING TO BE REMOVED COMPLETE. CAP WASTE PIPING BELOW FINISHED FLOOR AND PATCH CONCRETE FLOOR.
4. EXISTING WASHFOUNTAIN AND ASSOCIATED PIPING TO BE REMOVED COMPLETE. CAP WASTE PIPE BELOW FINISHED FLOOR AND PATCH CONCRETE FLOOR.
5. EXISTING URNIAL AND ASSOCIATED PIPING TO BE REMOVED COMPLETE.
6. EXISTING WATER CLOSET TO BE REMOVED COMPLETE.
7. EXISTING HOSE BIB TO BE REMOVED COMPLETE.
8. EXISTING FIXTURE/DRAIN TO REMAIN.
9. EXISTING WATER HEATER TO BE REMOVED COMPLETE. (1) 1,000 GALLON HORIZONTAL STORAGE TANK, (3) GAS-FIRED BOILERS AND ASSOCIATED PIPING.
10. EXISTING HOT WATER CIRCULATING PUMP TO REMAIN.
11. EXISTING THERMOSTATIC MIXING VALVE TO REMAIN.
12. EXISTING PRESSURE BOOSTER PUMP AND EXPANSION TANK TO REMAIN.
13. EXISTING HOT WATER EXPANSION TANK TO BE REMOVED COMPLETE.
14. EXISTING SIMPLEX WATER SOFTENER TO BE REMOVED COMPLETE.
15. EXISTING IRRIGATION BOOSTER PUMP TO REMAIN.
16. EXISTING IRRIGATION MAIN TO REMAIN.
17. EXISTING IRRIGATION WATER METER AND BACKFLOW PREVENTER TO REMAIN.
18. EXISTING 6" DOMESTIC WATER SERVICE TO REMAIN.
19. EXISTING DOMESTIC WATER METERS (2 STACKED) AND BACKFLOW PREVENTERS (2) TO REMAIN.
20. 4" DOMESTIC COLD WATER MAIN TO REMAIN.
21. EXISTING 4" DOMESTIC COLD WATER SUPPLY TO ADJACENT BUILDING TO REMAIN.
22. EXISTING 1" DOMESTIC COLD WATER SUPPLY TO EXTERIOR HOSE BIBS TO REMAIN.
23. EXISTING 4" IRRIGARION SYSTEM SUPPLY TO REMAIN.
24. SEE DOMESTIC WATER PIPING SCHEMATIC ON DRAWING P502.
25. REMOVE EXISTING 3" VENT LINE THRU ROOF. PATCH HOLE IN ROOF TO RECEIVE NEW ROOFING.



1 **DEMOLITION FIRST FLOOR PLUMBING PLAN**
1/8" = 1'-0"

ZIONSVILLE COMMUNITY HIGH SCHOOL STADIUM LOCKER BUILDING ADDITION AND RENOVATION

900 MULBERRY ST.
ZIONSVILLE IN, 46077

ZIONSVILLE COMMUNITY SCHOOLS

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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350 E NEW YORK ST, SUITE #300, INDIANAPOLIS, IN 46204

CONSULTANT

creative engineering solutions
mechanical • electrical • plumbing
201 S Rural St., Suite 210
Indianapolis, IN 46201• 463-777-8182
www.creativeng.net

PROJECT LOCATION

EXISTING CONCESSIONS BUILDING

NORTH

KEY PLAN

CONSTRUCTION DOCUMENTS

GABRIEL S. CURRIER REGISTERED NO. PE10808972 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LP

PROJECT NUMBER: 223139.00

PROJECT ISSUE DATE: 01.22.2024

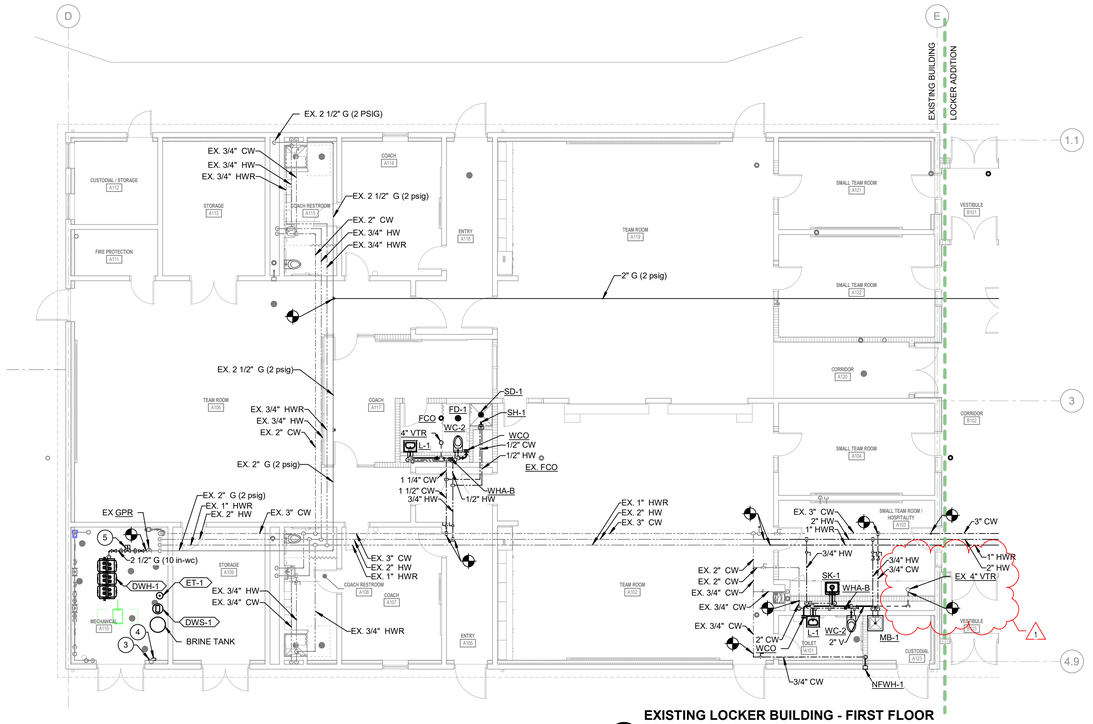
REV. NO.	DESCRIPTION	DATE
1	Addendum #1	02/14/2024

DEMOLITION FIRST FLOOR PLUMBING PLAN

PD1A

PLUMBING PLAN NOTES

1. ROUTE A 2" PSI GAS LINE UP TO NEW ROOF TOP UNIT WITH SHUT OFF VALVE, UNION, GAS PRESSURE REGULATOR AND DIRT LEG. GAS PRESSURE REGULATOR TO BE CAPABLE OF RECEIVING 2 PSI SERVICE PRESSURE AND REGULATING DOWN TO 10" W.C. SUPPLYING 500,000 BTUH. LINE SIZE FROM REGULATOR TO RTU TO BE A 1" LINE
2. EMERGENCY GAS SHUT-OFF SOLENOID VALVE-2". (AGS; MERLIN 1064)
3. EMERGENCY GAS SHUT-OFF PANIC BUTTON. (AGS; #AGS-EGOTW)
4. EMERGENCY GAS SHUT-OFF MASTER CONTROL PANEL. (AGS; #AGSCH4CO)
5. EMERGENCY GAS SHUT-OFF SOLENOID VALVE-2". (AGS; MERLIN 1072)



2 EXISTING LOCKER BUILDING - FIRST FLOOR PLUMBING PLAN
1/8" = 1'-0"

1 LOCKER BUILDING ADDITION - FIRST FLOOR PLUMBING PLAN
1/8" = 1'-0"

ZIONSVILLE COMMUNITY HIGH SCHOOL STADIUM LOCKER BUILDING ADDITION AND RENOVATION

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ZIONSVILLE COMMUNITY SCHOOLS

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CONSTRUCTION DOCUMENTS

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REV. NO.	DESCRIPTION	DATE
1	Addendum #1	02/14/2024

4.9

FIRST FLOOR PLUMBING PLANS

PP1A

A D D E N D U M N O. 2

Zionsville Middle School – Tennis Complex Renovation

Zionsville Community Schools
Zionsville, Indiana

Project No. 223144.00

Index of Contents

Addendum No. 2, 2 items, 1 page
Revised Drawing Sheets: G4.00 and G4.01

Date: February 16, 2024

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2 to Drawings and Project Manual, dated January 22, 2024, for Zionsville Community Schools, 900 Mulberry Street, Zionsville, Indiana; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana. This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. PROJECT MANUAL, SECTION 03 38 16 – UNBONDED POST-TENSIONED CONCRETE

A. Replace Part 2, Article 5., A., as follows:

"A. Concrete shall have a compressive strength of not less than 5,000 psi after twenty-eight (28) days. Ready mixed concrete shall be mixed and delivered according to ASTM C94 Specifications for ready-mixed concrete with a 4 inch maximum slump. The concrete mix shall be designed to minimize shrinkage by limiting water and cement content and by using well graded course aggregate. Mix design as follows (final mix design shall be subject to review of delegated design structural engineer for the work of this section):

1. Compressive Strength: 5000 psi after twenty-eight (28) days.
2. Cement – Type I or IA Cement should conform to one of the Standard Specifications for Portland Cement. ASTM C150 OR Specifications for Blending Hydraulic Cements, ASTM C595, excluding slag Cements Types S and SA.
3. Cement – Preferred : Class S 5000 psi mix with no air voids – follow written directions from PT manuf.
4. Air Entrainment by total volume of concrete shall be 5 percent to 7 percent for 1 inch maximum size coarse aggregate.
5. Aggregate should conform to standard specifications for Concrete Aggregates ASTM C33. For concrete work that is 5 inches thick, the nominal size of the course aggregate should not exceed 1 inch.
6. Do not use fly ash or other additives.
7. Do not use curing compounds."

ITEM NO. 2. REVISED DRAWING SHEETS

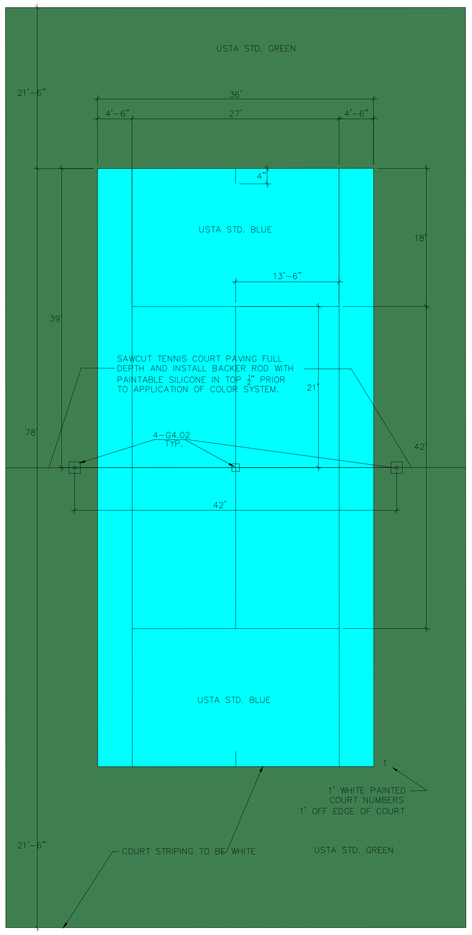
A. Drawing Sheets: G4.00 and G4.01 have been revised, dated 02/16/24, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM

FANNING HOWEY

PRE-BID REQUEST FOR INTERPRETATION/CLARIFICATION LOG					
Project No.	**RFI#**	**Date Received**	**Request for Interpretation Item**	**Dwg./Spec.**	**Response**
ADDENDUM NO. 01					
223144.00	1	2/1/24	Substitution Request for Tennis Court Color Coating Surfacing System; proposed substitution - Plexipave, DecoColor, ICP Building Solutions Group	32 18 26	Substitution Approved
223144.00	2	2/9/24	1. There are different Post diameters listed for the 10' Chain link fence on the Courts. Could you please advise which is correct? a. Detail 9/G4.00 – 4" Terminal Post, 4" Line Post b. Note 5 / G1.00 – 4" Terminal Post, 3" Line Post c. In the specs – 5" Terminal Post, 3" Line Post 2. There is a difference in Post embedment between drawings and specs. Could you please advise which is correct? a. Plans Detail 8/4.00 – 54" Embedment on all Posts b. Specs – 34" embedment for line post c. 60" embedment for Terminal/Gate Post		Please follow the information listed within the Project Manual for both items pertaining to new fencing post diameters and embedment depths. Refer to Addendum No. 2.
ADDENDUM NO. 02					
			1. DET 4/G4.01 thickened slab for center strap anchor section does not have a dimension on the width of the thickened slab 2. For the underslab vapor barrier is it 2 layers of 10 mil DET 5/G4.01 or 1 layer of 20 mil & 1 layer of 6 mil DET 4/G4.01 3. DET 1/G4.00 mono curb & walk doesn't have a depth dimension for the mono curb 4. Can the sidewalk go to 4" instead of 6"		1.Refer to Addendum 2 drawing. 2.Refer to Addendum 2 drawing. 3.Refer to Addendum 2 drawing. 4.Sidewalks must be 6" thick. 5.Refer to Addendum 2 drawing. 6.Refer to Addendum 1 drawing.

			5. Can we go to fiber mesh instead of wire mesh in the sidewalk 6. DET 8/G4.00 post base does not have a depth dimension for the concrete footing 7. Can get a more detailed specification with an exact mix for the PT concrete? The spec mentions a 4000 PSI mix but no water cement ratio. Specs say to reference CIP concrete specs where Class C & S could apply. Class C has air and is only 4000 PSI but then Class C is a 5000 PSI mix. The PT concrete can't have air in it so is the 5000 PSI mix desired?		7.FOLLOW DIRECTIONS OF PT MANUF. - CLASS S 5000 PSI MIX WITH NO AIR VOIDS IS SPECIFIED AND DESIRED).



TENNIS COURTS TO BE USTA STD. COLORS : BLUE/GREEN
FINAL COLOR TO BE APPROVED BY OWNER.

12 TENNIS COURT LAYOUT
NTS

GENERAL NOTES

NOTES:

1. TENNIS NET/POSTS: PROVIDE 6 SETS, REFER TO DETAIL 7 ON SHT. G4.01 REFER TO PROJECT MANUAL 11 68 33 ATHLETIC FIELD EQUIPMENT. POSTS ARE TO HAVE INTERIOR WIND MECHANISM, 3" SQ POSTS. EACH NET IS TO HAVE AN ADJUSTABLE CENTER STRAP. EACH COURT IS TO HAVE 1 SCORE REPORTER AND 1 TRASH RECEPTACLE, MOUNTED ON THE NET POSTS AT EACH COURT.

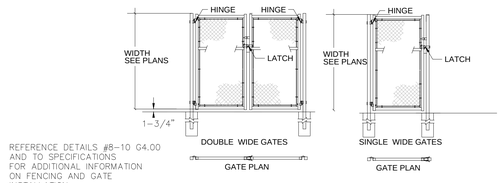
A. EQUIPMENT AS MANUFACTURED BY DOUGLAS (PHONE 1-800-553-8907) "PREMIER 3" SQUARE POST; "TN-50" NET; "SR-357" SCORE REPORTER; "COURT ORDER UNIT"; "CMP-9R" WINDSCREEN WITH "TR-50" TIE-RAP FASTENERS.

2. REFER TO SPEC SECTION 32 18 26 TENNIS COURT SURFACING FOR TENNIS COURT PAINTING SYSTEM.

3. PAINT A 12" HIGH COURT NUMBER AT EACH COURT. (SOUTHEAST CORNER). FINAL LOCATION OF NUMBERS TO BE PER OWNERS DIRECTIONS.

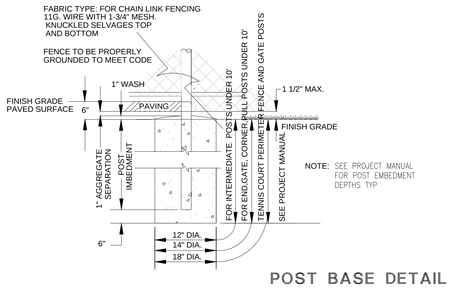
4. PERIMETER FENCE AROUND TENNIS COURTS; ALL FENCING TO RECEIVE WINDSCREEN (RED) FINAL COLOR TO BE SELECTED BY OWNER PRIOR TO CONSTRUCTION – POST TO RECEIVE WINDSCREEN ARE TO HAVE POST FOOTING 18" DIA. X 5'-0" DEEP AND ARE TO BE ONE OF THE FOLLOWING:
   A. 5" DIA. SCH 40 PIPE, SPACED 10'-0" O.C. MAX.
   B. 4" DIA. SCH 40 PIPE, SPACED 8'-0" O.C. MAX.

5. PAINT A 2' HIGH COURT LOGO "Z" BETWEEN EACH COURT. FINAL LOCATION OF LOGO, STYLE, COLORS AND PLACEMENT TO BE PER OWNERS DIRECTIONS.



REFERENCE DETAILS #8-10 G4.00 AND TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON FENCING AND GATE INSTALLATION.

7 GATE DETAIL



8 POST BASE DETAIL
NTS

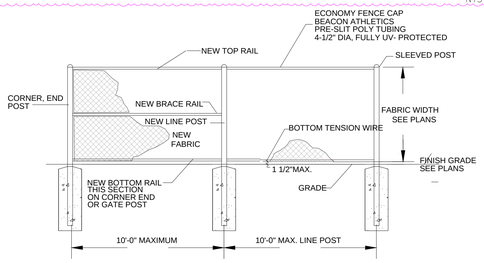
USE	FABRIC UNDER 10' HT.	FABRIC 10' AND OVER
CORNER, END & PULL POST	SCHED. 40 2.875" O.D.	SCHED. 40 5" O.D.
INTERMEDIATE POST	SCHED. 40 2.375" O.D.	SCHED. 40 5" O.D.
TOP AND BRACE RAILS	SCHED. 40 1.66" O.D.	SCHED. 40 1.66" O.D.
GATE POST FOR LEAF WIDTH: LESS THAN 6'	SCHED. 40 2.875"O.D.	SCHED. 40 5" O.D.
GATE FRAME	SCHED. 40 1.90" O.D.	SCHED. 40 1.90" O.D.

NOTE: CHAIN LINK FENCE FABRIC SHALL HAVE BLACK PVC COATING THERMALLY FUSED TO ZINC COATED WIRE. ALL POSTS, RAILS AND BRACING SHALL ALSO HAVE BLACK PVC COATING, THERMALLY FUSED TO GALVANIZED (ZINC COATED) STEEL PIPE.

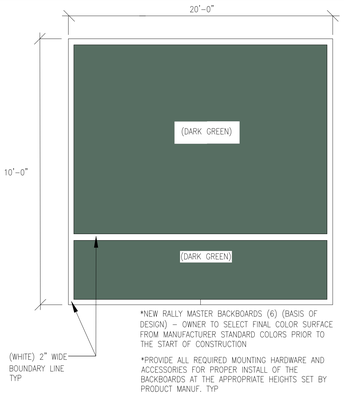
NOTE: IN AREAS WHERE PRACTICE BOARD IS ATTACHED TO FENCING INSERT 3-1/2" O.D. SS-40 SLEEVE INSIDE OF THE 5" PIPE AND END AND PLUG WELD

NOTE: SEE PROJECT MANUAL FOR FINAL POST DIAMETERS AND EMBEDMENT DEPTHS

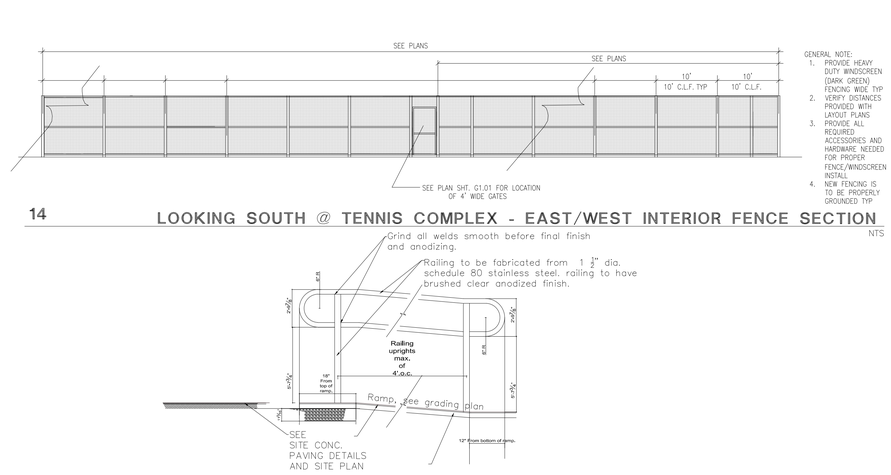
9 CHAIN LINK FENCE/FRAME SCHEDULE
NTS



10 NEW 10' TALL FENCE ELEVATION
NTS



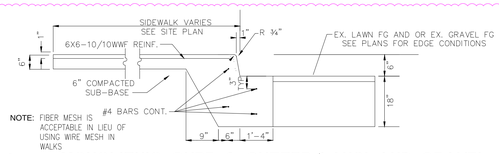
11 NEW TENNIS BACKBOARD
NTS



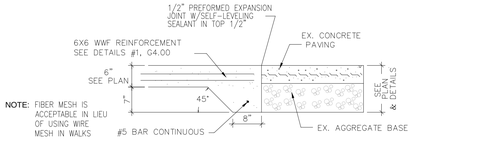
13 LOOKING NORTH @ TENNIS COMPLEX - EAST/WEST INTERIOR FENCE SECTION
NTS

14 LOOKING SOUTH @ TENNIS COMPLEX - EAST/WEST INTERIOR FENCE SECTION
NTS

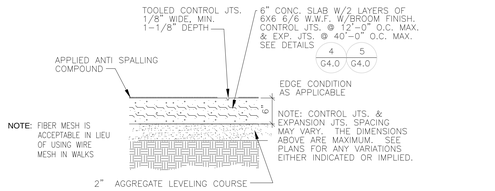
15 HANDRAIL DETAIL AT RAMP
NTS



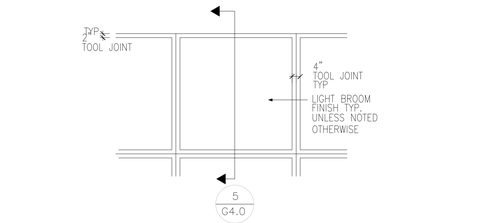
1 MONOLITHIC CURB & GUTTER/LAWN AND GRAVEL
NTS



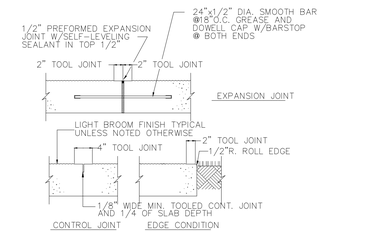
2 CONCRETE SLAB @ EX. CONC. WALK
NTS



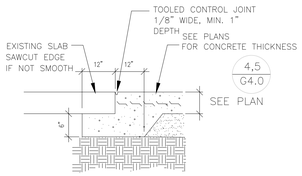
3 6" CONCRETE SLAB DETAIL
NTS



4 CONCRETE SURFACE DETAIL
NTS



5 TYPICAL CONCRETE JOINT DETAILS
NTS



6 NEW TO EXISTING SLAB DETAIL
NTS

ZIONSVILLE MIDDLE SCHOOL TENNIS COMPLEX RENOVATION

ZIONSVILLE MIDDLE SCHOOL
900 FORD RD, ZIONSVILLE, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS ZIONSVILLE, INDIANA

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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350 E NEW YORK ST # 300, INDIANAPOLIS, IN 46204

Vicinity Map

Project Status

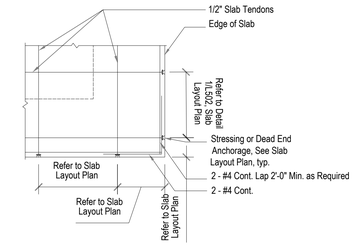
PAUL A. MILLER REGISTERED No. 11300161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: EB
PROJECT NUMBER: 223144.00
PROJECT ISSUE DATE: 01/22/2024

REV. NO.	DESCRIPTION	DATE
	CONSTRUCTION DOCUMENTS	01/22/24
1	ADDENDUM 01	02/13/24
2	ADDENDUM 02	02/16/24

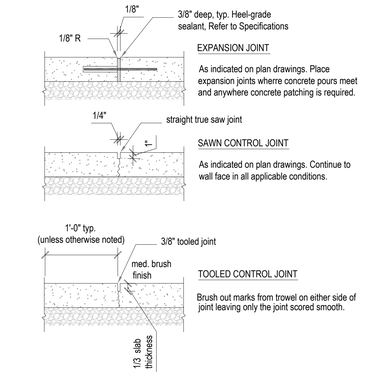
SITE DETAILS

G4.00



6 SLAB EDGE CORNER

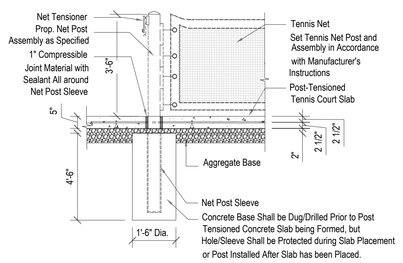
Scale: NOT TO SCALE



1 CONCRETE JOINTING - PEDESTRIAN FLATWORK

Scale: NOT TO SCALE

NOTES:
Use Extreme Care to Set Elevation of Top of Net Post Foundations at or Below Bottom Slab Elevation. Foundations Shall Not Protrude into Thickness of Slab.



7 NET POST AND ANCHOR SECTION

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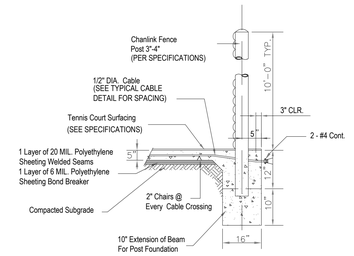
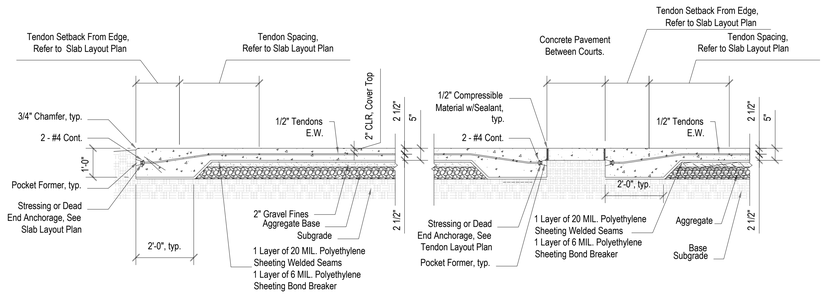


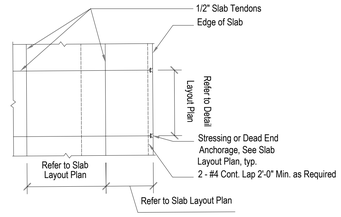
2 PERIMETER BEAM & FENCE POST DETAIL

Scale: NOT TO SCALE



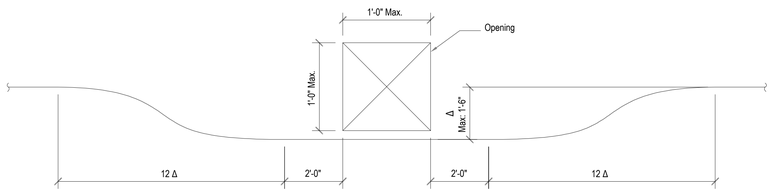
8 SLAB EDGE AND POUR STRIP SECTION

Scale: NOT TO SCALE



3 SLAB EDGE

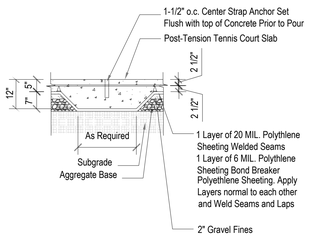
Scale: NOT TO SCALE



9 CURVATURE OF TENDONS AT PENETRATIONS

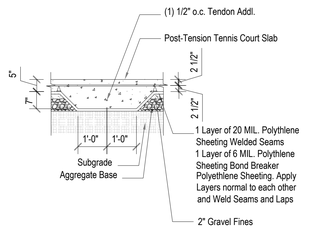
Scale: NOT TO SCALE

2



4 CENTER STRAP ANCHOR SECTION

Scale: NOT TO SCALE



5 IN SLAB BEAM SECTION

Scale: NOT TO SCALE

ZIONSVILLE MIDDLE SCHOOL TENNIS COMPLEX RENOVATION

ZIONSVILLE MIDDLE SCHOOL
900 FORD RD, ZIONSVILLE, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS ZIONSVILLE, INDIANA

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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Vicinity Map

Project Status

PAUL A. MILLER REGISTERED No. A1000161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
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2	ADDENDUM 02	02/16/24

PTC / TENNIS SITE DETAILS

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