

**GENERAL NOTES:**

- MARK EXISTING UTILITIES 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- ALL REQUIRED HOTLINE LOCATES AND PRIVATE UTILITY LOCATES SHALL BE ORDERED AND PAID FOR BY EACH CONTRACTOR REQUIRING THE LOCATE SERVICE.
- COORDINATE WITH THE OWNER TO LOCATE ANY ON SITE PRIVATE UTILITIES 5 WORKING DAYS PRIOR TO THE START OF WORK.
- PRIOR TO THE START OF WORK, INSTALL ALL REQUIRED PROTECTIVE EROSION CONTROL MEASURES.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADJUSTED SHALL BE COORDINATED WITH APPLICABLE UTILITY COMPANY.
- ALL CONTRACTORS PLANNING ON SUBMITTING A BID SHALL VISIT THE SITE AND REVIEW THE EXISTING CONDITIONS PRIOR TO THE BID DATE.
- SEED, FERTILIZE AND CRIMP MULCH ALL GENERAL LANDSCAPE AREAS THAT ARE DISTURBED DURING CONSTRUCTION IN ACCORDANCE WITH THE PROJECT MANUAL SPECIFICATIONS.
- ALL DIMENSIONS REFERENCED PARALLEL OR PERPENDICULAR TO PROPOSED ENTITIES SHOWN.



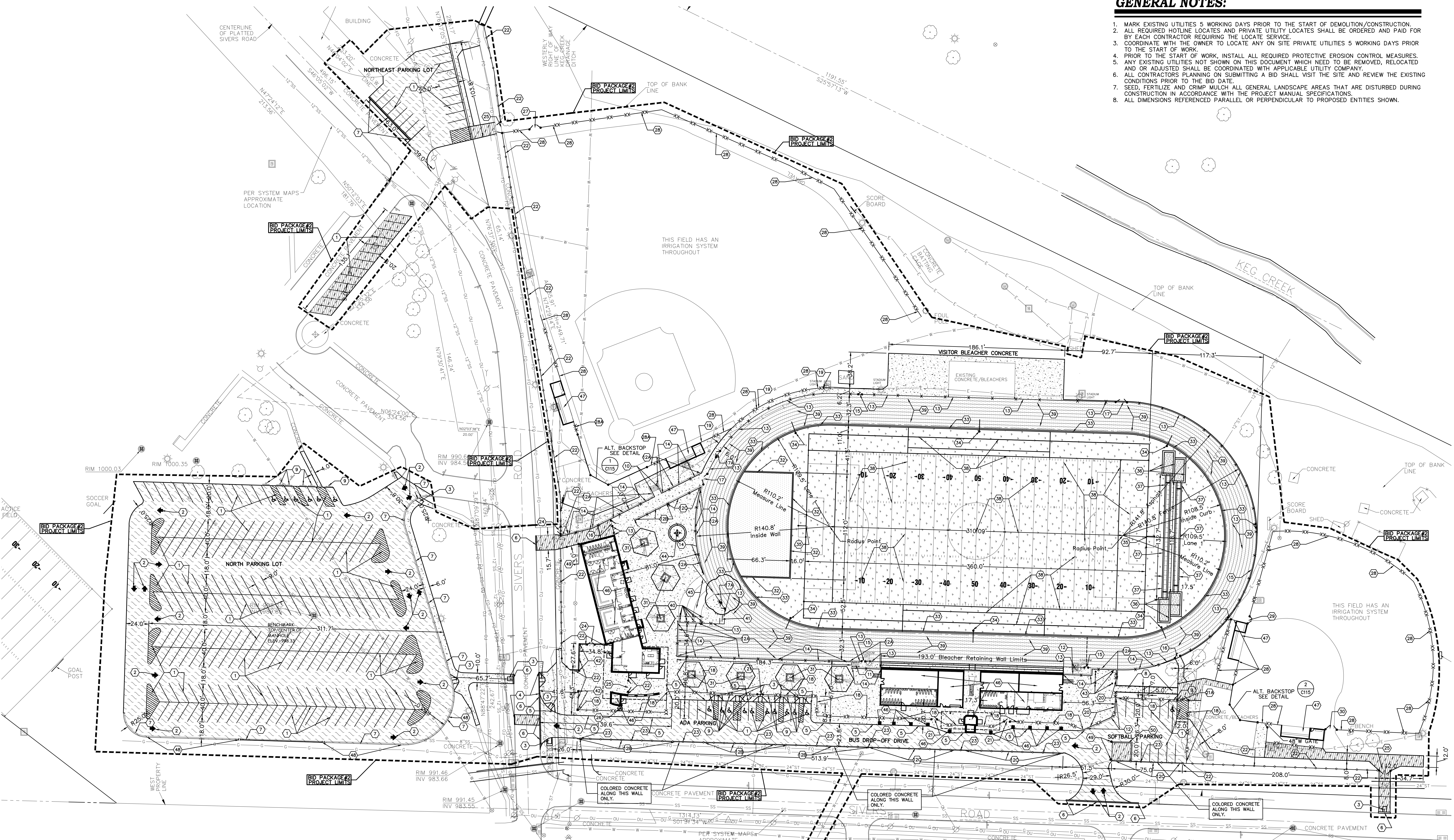
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Point of Beginning

**GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS-BID PACKAGE #2**

Project Title:  
HSR Project Number:  
18004  
Project Date:  
SEPTEMBER 2018  
Drawn By:  
DLP  
Key Plan:  
400 SIVERS RD.,  
GLENWOOD, IA 51534  
Sheet Title:  
SITE LAYOUT PLAN (ATHLETIC SITE)-BID PACKAGE #2



**SURFACE SITE LEGEND**

- PROPOSED 4" ASPHALT PAVEMENT W/  
12" CRUSHED BASE OVER GEOTEXTILE FABRIC (BASE BID)
- (6" REINFORCED CONCRETE--ALTERNATE BID)
- (12" MODIFIED BASE UNDER AGGREGATE BASE COURSE--ALTERNATE BID)
- PROPOSED 4" ASPHALT PAVEMENT W/ 1/2" RUBBER SURFACING &  
12" CRUSHED BASE OVER GEOTEXTILE FABRIC (BASE BID)
- (4" REINFORCED CONCRETE--ALTERNATE BID)
- (12" MODIFIED BASE UNDER AGGREGATE BASE COURSE--ALTERNATE BID)
- PROPOSED 4" REINFORCED CONCRETE W/  
6" CRUSHED BASE OVER GEOTEXTILE FABRIC (BASE BID)
- (12" MODIFIED BASE UNDER AGGREGATE BASE COURSE--ALTERNATE BID)
- PROPOSED 6" REINFORCED CONCRETE  
6" CRUSHED BASE OVER GEOTEXTILE FABRIC (BASE BID)
- (12" MODIFIED BASE UNDER AGGREGATE BASE COURSE--ALTERNATE BID)
- PROPOSED 4" REINFORCED CONCRETE W/ 1/2" RUBBER SURFACING &  
6" CRUSHED BASE OVER GEOTEXTILE FABRIC (BASE BID)
- (6" TOPSOIL W/SOD/FERTILIZE--ALTERNATE BID)
- (12" MODIFIED BASE UNDER DRAINAGE STONE--ALTERNATE BID)
- 18" DEPTH LONG JUMP PIT SAND (BASE BID)

**KEYNOTES:**

- 1 PARKING LOT STRIPING (TYP)
- 2 DIRECTIONAL ARROWS
- 3 ADA PEDESTRIAN RAMP W/ DETECTABLE SHIELD
- 4 6" CONCRETE CURB
- 5 THICKENED EDGE WALK
- 6 12" FLOWLINE CURB
- 7 18" CURB AND GUTTER
- 8 ADA RAMP AND RAILING
- 9 ADA SIGN, MOUNT WHERE APPLICABLE ON FENCE IN LIEU OF ON POST
- 10 42" HIGH CONCRETE STAIRS/ HAND RAILING  
(SEE STRUCTURAL PLANS FOR STAIR CONSTRUCTION)
- 11 48" HIGH CONCRETE STAIRS/ HAND RAILING  
(SEE STRUCTURAL PLANS FOR STAIR CONSTRUCTION)
- 12 CAST-IN-PLACE CONCRETE RETAINING TYPE I WALL (SEE STRUCTURAL PLANS)
- 13 CAST-IN-PLACE CONCRETE RETAINING TYPE II WALL (SEE STRUCTURAL PLANS)
- 14 CAST-IN-PLACE CONCRETE RETAINING TYPE III WALL (SEE STRUCTURAL PLANS)
- 15 CAST-IN-PLACE CONCRETE RETAINING TYPE IV WALL (SEE STRUCTURAL PLANS)
- 16 48" HIGH VINYL COATED PERIMETER CHAINLINK FENCE
- 17 48" HIGH VINYL COATED PERIMETER CHAINLINK FENCE  
PLACE 6" BEHIND WALL
- 18 48" W X 48" HIGH VINYL COATED SINGLE SWING GATE
- 19 72" W X 48" HIGH VINYL COATED SINGLE SWING GATE
- 20 144" W X 48" HIGH VINYL COATED DOUBLE SWING GATE
- 21 96" W X 48" HIGH VINYL COATED DOUBLE SWING GATE
- 22 72" HIGH VINYL COATED PERIMETER CHAINLINK FENCE
- 23 72" HIGH STANDARD ALUMINIZED PERIMETER CHAINLINK FENCE
- 24 72" HIGH VINYL COATED RETAINING WALL CHAINLINK FENCE  
PLACE 6" BEHIND WALL
- 25 72" W X 72" HIGH VINYL COATED SINGLE SWING GATE
- 26 144" W X 72" HIGH VINYL COATED DOUBLE SWING GATE
- 27 72" HIGH ORNAMENTAL PERIMETER FENCE
- 28 72" HIGH ORNAMENTAL RETAINING WALL FENCE  
CORE MIN 12" INTO CONCRETE WALL
- 29 96" W X 72" HIGH ORNAMENTAL DOUBLE SWING GATE W/ CONE STOPS
- 30 144" W X 72" HIGH ORNAMENTAL DOUBLE SWING GATE W/ CONE STOPS
- 31 TURN-STYLE GATE, INSTALL PER MANUFACTURER'S SPECIFICATIONS
- 32 144" W X 72" HIGH STANDARD ALUMINIZED DOUBLE SWING GATE,  
INSTALL INTO EXISTING FENCE (BASE BID)
- 33 144" W X 72" HIGH VINYL COATED DOUBLE SWING GATE (ALTERNATE BID)
- 34 72" HIGH VINYL COATED PERIMETER CHAINLINK FENCE (ALTERNATE BID)
- 35 96" W X 72" HIGH VINYL COATED DOUBLE SWING GATE (ALTERNATE BID)
- 36 144" W X 72" HIGH VINYL COATED DOUBLE SWING GATE (ALTERNATE BID)
- 37 12" W X 12" D CONCRETE CURB W/ TREATED 2" X 4" WOOD NAILER
- 38 14" W X 12" D CONCRETE CURB W/ SLOT DRAIN AND  
TREATED 2" X 4" WOOD NAILER. SEE UTILITY PLAN FOR ELEVATIONS
- 39 LANE GATES, INSTALL IN 15" X 48" CONCRETE FOOTING
- 40 FOOTBALL GOAL POSTS W/ SOCCER GOAL
- 41 PRE-FABRICATED LONG JUMP BOXES, INSTALL ON GRAVEL BASE, SEE  
MANUFACTURER'S SPECIFICATIONS FOR SPECIFIC INSTRUCTIONS
- 42 LONG JUMP LAYOUT W/ TAKE-OFF BOARDS, INSTALL TREATED 2" X 4"  
WOOD NAILER ALONG RUNWAYS
- 43 TURF STRIPING (TYP) BY SYNTHETIC TURF INSTALLER
- 44 TRACK STRIPING (TYP) BY RUBBER SURFACE INSTALLER
- 45 12" HIGH CONCRETE STAIRS/ HAND RAILING  
(SEE STRUCTURAL PLANS FOR STAIR CONSTRUCTION)
- 46 72" HIGH VINYL COATED MAZE GATE
- 47 DECORATIVE COLUMNS (SEE ARCHITECTURAL PLANS)
- 48 CONCRETE TENT THE DOWNS (SEE CONCRETE SPECIFICATIONS)  
VERIFY LOCATION W/ OWNER PRIOR TO INSTALLATION
- 49 FLAG POLE DEDICATION (SEE ARCHITECTURAL PLANS)
- 50 CONCRETE TERRACE SEATING W/ SIDE ACCESS STAIRS  
(SEE STRUCTURAL PLANS)
- 51 BUILDING STRUCTURES (SEE ARCHITECTURAL PLANS)
- 52 DUGOUT STRUCTURES (SEE ARCHITECTURAL PLANS)  
--ALTERNATE BID
- 53 24" CURB OPENING, INSTALL 8" TO 12" SIZE CRUSHED STONE  
OVER FILTER FABRIC AT THE END OF OPENINGS. PROVIDE  
6" X 8" AREA AT OUTLET.
- 54 PROTECTIVE CONCRETE BOLLARD
- 55 DUMPSTER ENCLOSURE (SEE ARCHITECTURAL PLANS)

Revisions:

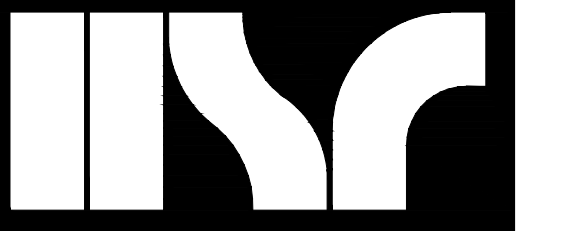
No.	Description	Date
1	Addendum #1	10-5-18

Graphic Scale: 40' 80'

Last Update:

**C104R**





Consultant:



Point of Beginning

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS-BID PACKAGE #2  
SITE GRADING PLAN (ATHLETIC SITE)-BID PACKAGE #2

Project Title:  
Project Number:  
Project Location:

HSR Project Number: 18004

Project Date: SEPTEMBER 2018

Drawn By: DLP

Key Plan:



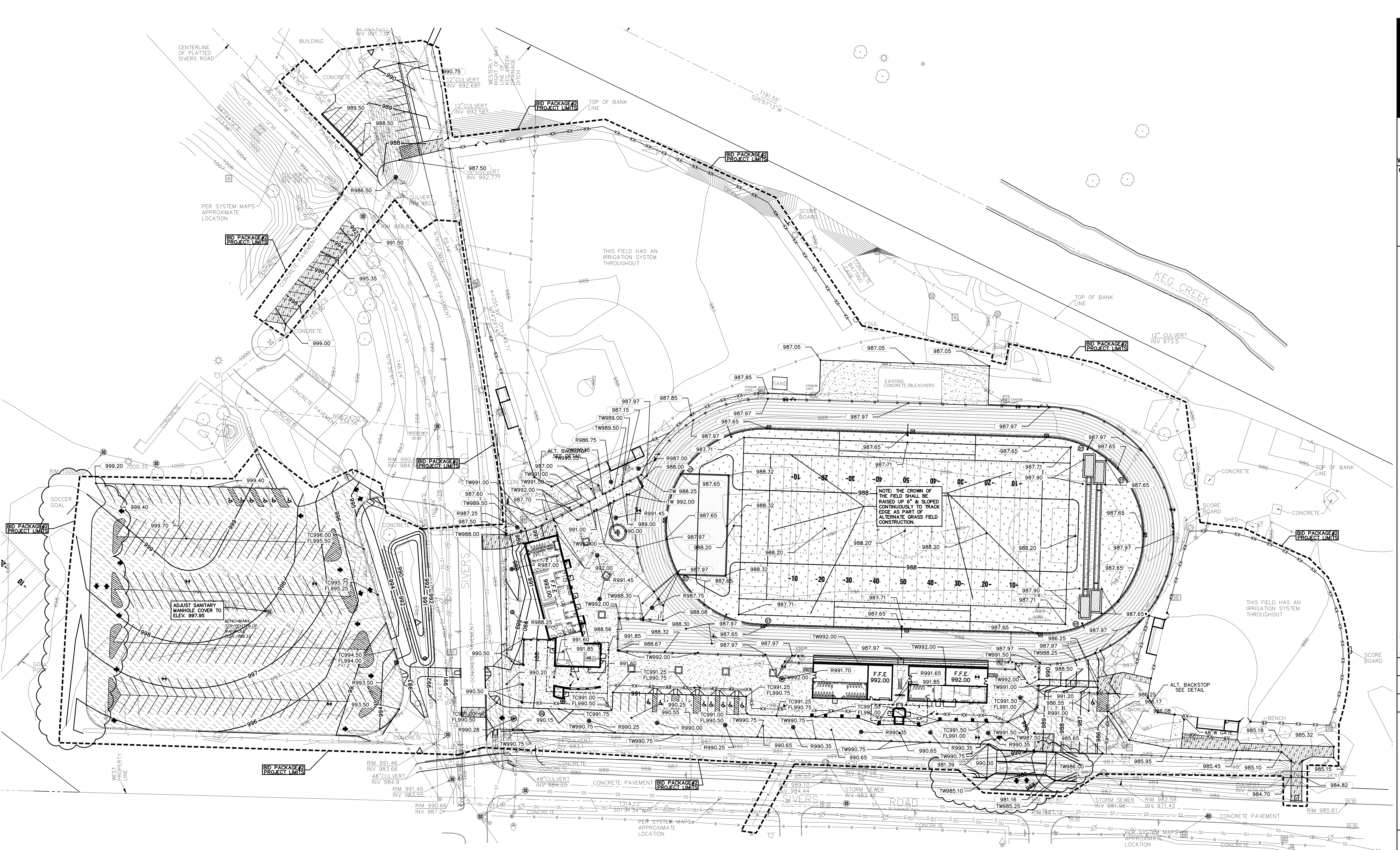
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Graphic Scale: 40' 80'

Last Update:

No.	Description	Date
1	Addendum #1	10-6-18

C105R



**GENERAL NOTES:**

- MARK ALL UTILITIES 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- INSTALL ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL AUTHORITIES AND THE IOWA DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE IOWA DEPARTMENT OF NATURAL RESOURCES, LOCAL AUTHORITIES REGULATIONS.
- COORDINATE ALL EARTHWORK ACTIVITIES WITH GAS, ELECTRIC, (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE) CABLE AND TELEPHONE CONSTRUCTION AND RESPECTIVE TRADES FOR THE INSTALLATION OF SAID UTILITIES.
- ANY EXCESS TOPSOIL/ SUBGRADE MATERIAL SHALL BE EXPORTED.
- THE LOCAL MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL HAVE HIS TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING. THE LOCAL MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES IF NEEDED.

**GRADING LEGEND:**

- EXISTING CONTOUR ——— 988 ———
- PROPOSED CONTOUR ——— 987 ———
- PROPOSED SPOT ELEVATION (990.26) ———
- PROPOSED RIM ELEVATION (R990.26) ———
- TOP CONCRETE WALK ELEVATION (TC990.00) ———
- FLOWLINE OF CONCRETE ELEVATION (FL775.00) ———
- TOP CONCRETE WALL ELEVATION (TW990.00) ———
- PROPOSED STORM MANHOLE (8) (C113) ———
- PROPOSED STORM INLET (7) (C115) ———
- STORM SEWER ENDWALL STRUCTURE (6) (C115) ———





Consultant:



Point of Beginning

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS-BID PACK #2  
SITE EROSION CONTROL PLAN (ATHLETIC SITE)  
BID PACKAGE #2

Project Title:  
HSR Project Number:  
18004

Project Date:  
SEPTEMBER 2018

Drawn By:  
DLP

Key Plan:



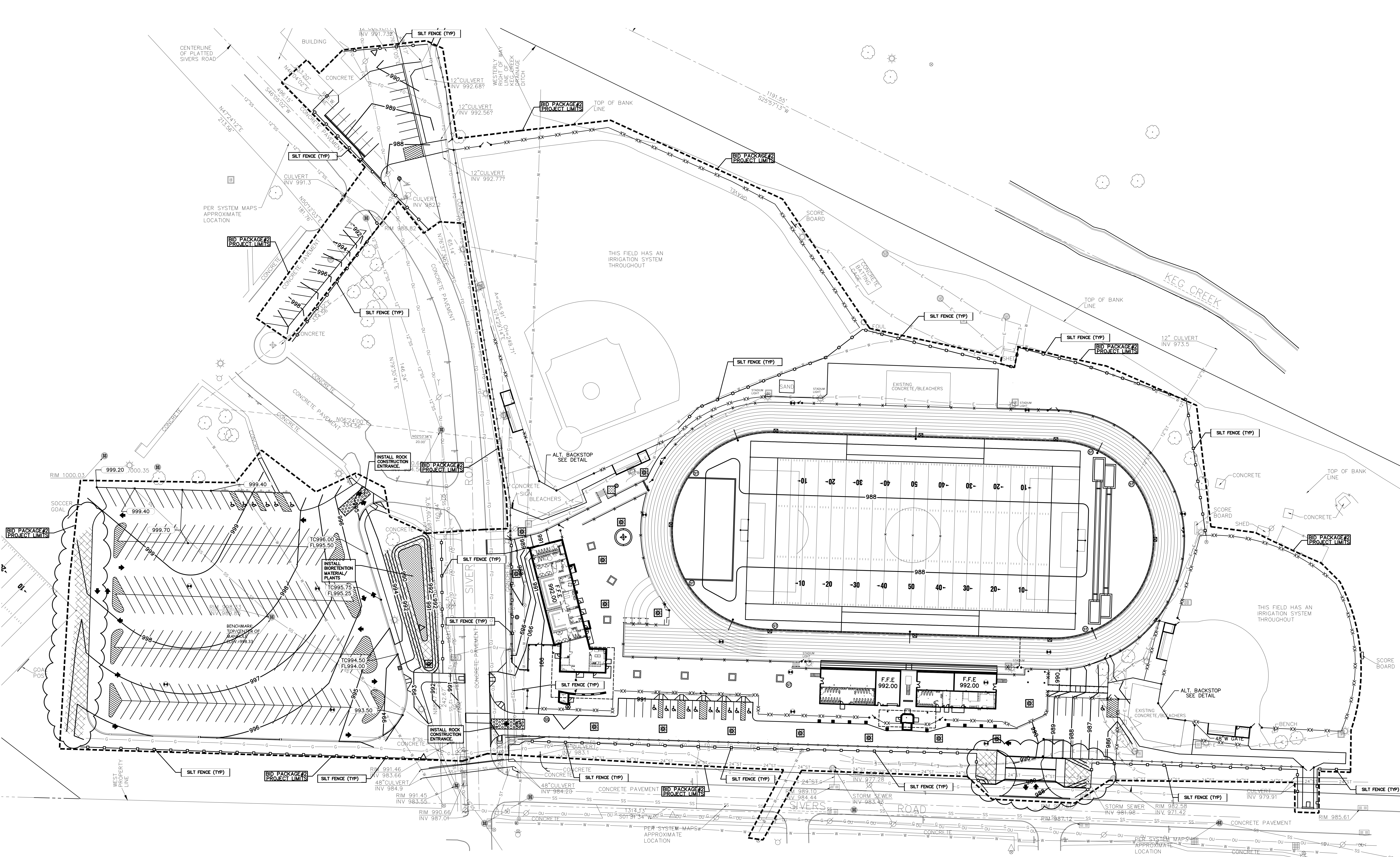
Revisions:

No.	Description	Date
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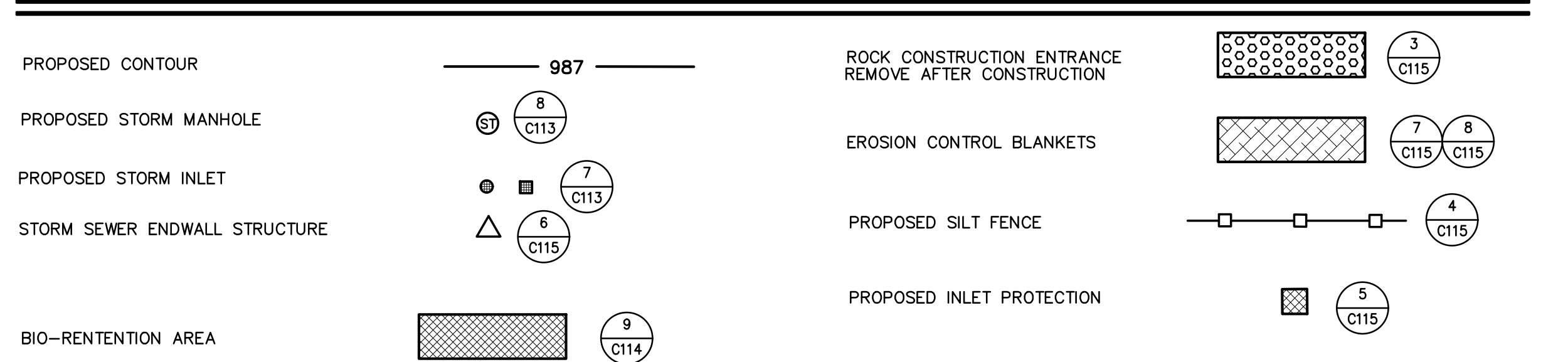
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**GENERAL NOTES:**

- MARK ALL UTILITIES 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- INSTALL ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL AUTHORITIES AND THE IOWA DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE IOWA DEPARTMENT OF NATURAL RESOURCES, LOCAL AUTHORITIES REGULATIONS.
- COORDINATE ALL EARTHWORK ACTIVITIES WITH GAS, ELECTRIC, (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE) CABLE AND TELEPHONE CONSTRUCTION AND RESPECTIVE TRADES FOR THE INSTALLATION OF SAID UTILITIES.
- 6" MIN OF TOPSOIL SHALL BE PROVIDED IN GENERAL LAWN AREAS.

**EROSION CONTROL LEGEND:**



**EROSION CONTROL SEQUENCING**

- INSTALL PERIMETER EROSION CONTROL.
- BEGIN DEMOLITION.
- BEGIN ROUGH GRADING AND UTILITY INSTALLATION.
- DURING GRADING ACTIVITIES EXISTING GRASS AND VEGETATION, TO BE REMOVED, SHALL REMAIN IN PLACE FOR AS LONG AS POSSIBLE, TO AVOID SEDIMENT TRANSPORT.
- TEMPORARY STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
- FINAL STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE AND FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.





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Point of Beginning

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ATHLETIC COMPLEX IMPROVEMENTS-BID PACKAGE #2  
SITE UTILITY PLAN (ATHLETIC SITE)-BID PACKAGE #2  
400 SIVERS RD., GLENWOOD, IA 51534

Project Title: HSR Project Number: 18004

Project Date: SEPTEMBER 2018

Drawn By: DLP

Key Plan:

Revisions:

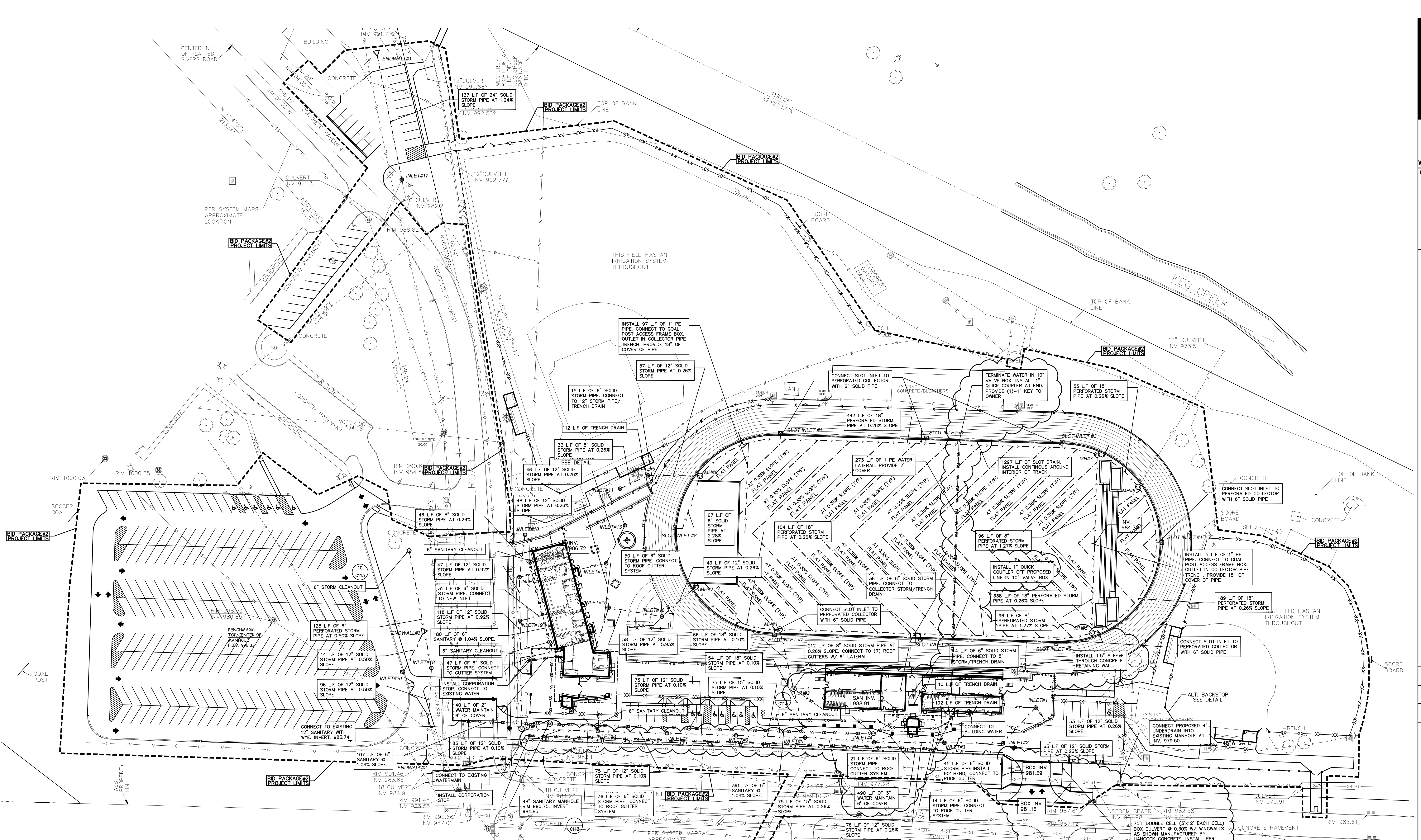
No.	Description	Date
1	Addendum #1	10-5-18

Graphic Scale: 40' 80'

Last Update:

Storm Sewer Endwall Structure

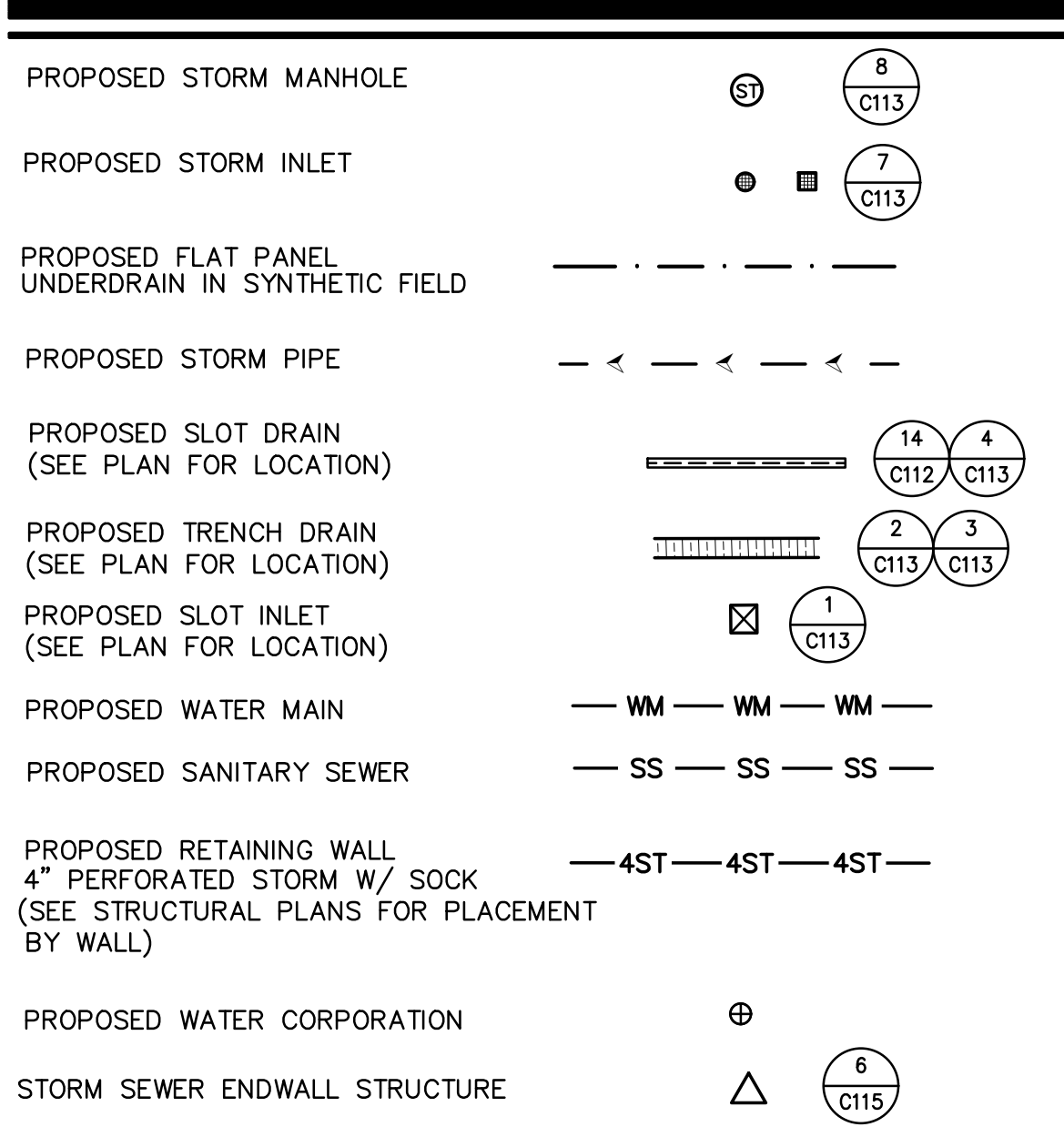
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**STORM STRUCTURE SCHEDULE:**

<p><b>MH#1</b></p> <p>RIM 990.28 INV (E) 983.41 INV (S) 983.41 DEPTH 6.87</p> <p>36" I.D. PRECAST MANHOLE NEENAH R-2573-1 SOLID LD</p>	<p><b>MH#2</b></p> <p>RIM 991.70 INV (N) 983.04 INV (W) 983.04 INV (SE) 983.04 INV (SW) 983.04 DEPTH 8.66</p> <p>60" I.D. PRECAST MANHOLE NEENAH R-1733-1 SOLID LD</p>	<p><b>MH#3</b></p> <p>RIM 987.48 INV (N) 982.97 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.51</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#4</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#5</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#6</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#7</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#8</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#9</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#10</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#11</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#12</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#13</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#14</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#15</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#16</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#17</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#18</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#19</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>MH#20</b></p> <p>RIM 987.48 INV (N) 983.64 INV (S) 982.97 INV (SE) 982.97 INV (SW) 982.97 DEPTH 4.24</p> <p>24" MODULAR INLET W/ LOCKABLE H-20 SOLID GRATE MIN 6" SUMP</p>	<p><b>SLOT INLET #1</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>SLOT INLET #2</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>SLOT INLET #3</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>SLOT INLET #4</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>SLOT INLET #5</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>SLOT INLET #6</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>SLOT INLET #7</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>SLOT INLET #8</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>ENDWALL#1</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>ENDWALL#2</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>	<p><b>ENDWALL#3</b></p> <p>RIM 987.65 INV 986.01 DEPTH 1.64</p> <p>POLYMER CONCRETE BASIN W/ TRASH BUCKET</p>
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**UTILITY LEGEND:**



**GENERAL NOTES:**

- GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- COORDINATE ALL UTILITY WORK WITH GAS, ELECTRICAL (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE), CABLE AND TELEPHONE CONSTRUCTION AND RESPECTIVE TRADES RESPONSIBLE FOR INSTALLATION OF SAID UTILITIES.
- COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE LOCAL MUNICIPALITY.
- THE PROPOSED WATER MAIN SHALL HAVE A MINIMUM COVER OF 6'-0" TO THE TOP OF PIPE FROM THE PROPOSED FINISHED GRADES, UNLESS OTHERWISE STATED ON PLANS, SEE GRADING PLAN FOR PROPOSED GRADES.
- THE MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL HAVE HIS TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING. THE MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES IF FIELD VERIFIED.
- FIELD VERIFY LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITY CONNECTIONS PRIOR TO INSTALLATION.
- ALL REQUIRED PUBLIC LOCATES AND PRIVATE UTILITY LOCATES SHALL BE ORDERED AND PAID FOR BY EACH CONTRACTOR REQUIRING THE LOCATE SERVICE.





Consultant:



Point of Beginning

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS-BID PACK#2  
SITE IRRIGATION PLAN (ATHLETIC SITE)-BID PACKAGE #2  
(ALTERNATE BID)  
400 SIVERS RD.  
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18004  
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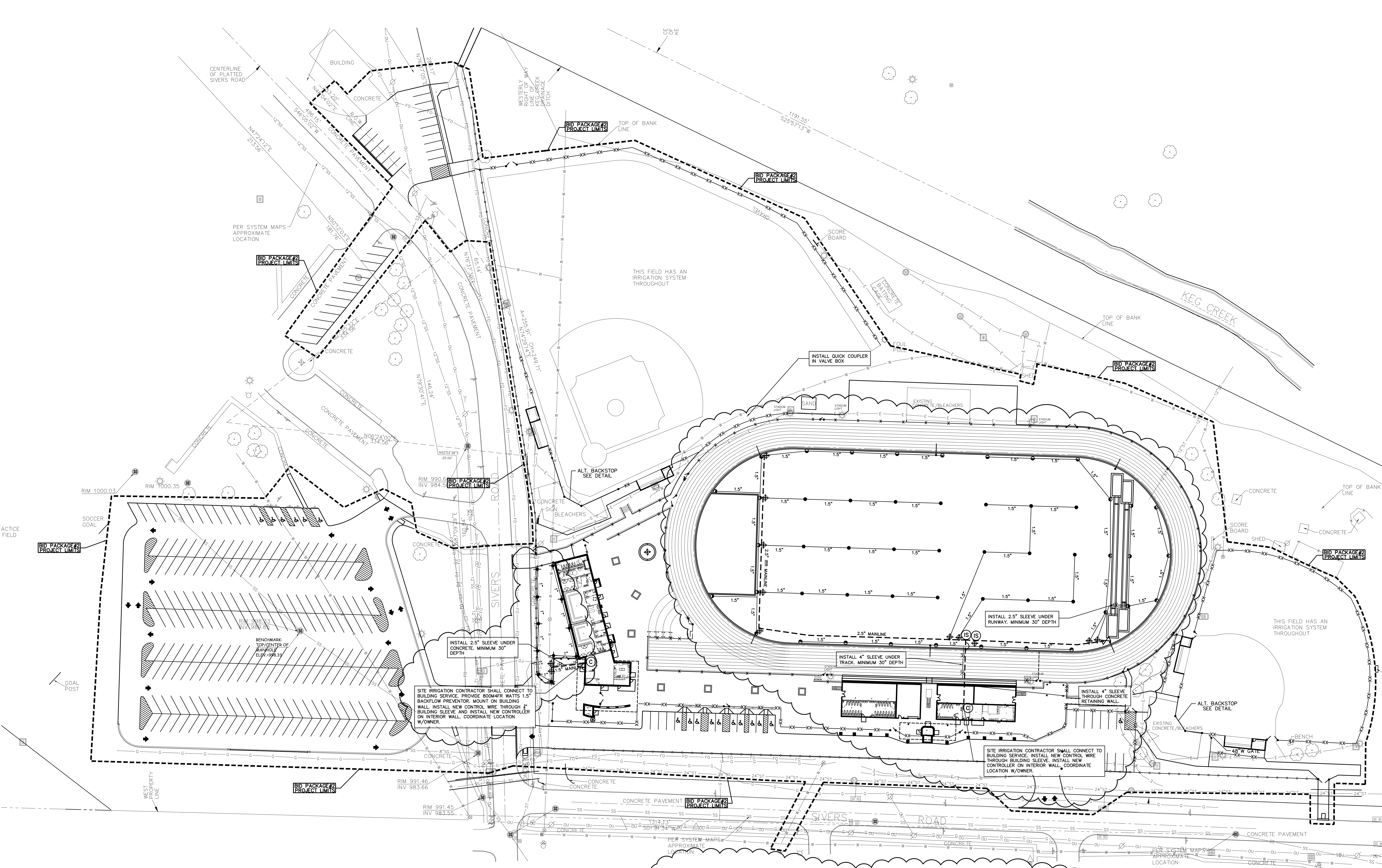
Revisions:

No.	Description	Date
1	Addendum #1	10-5-18

Graphic Scale: 40' 80'

Last Update:

C111R



**GENERAL NOTES:**

- MARK ALL UTILITIES 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- MAINTAIN ALL CODES REQUIRED BY LOCAL AND STATE AUTHORITIES.
- ALL TRENCHES SHALL BE WIDE ENOUGH TO ACCOMMODATE A MINIMUM OF 2" BETWEEN PIPE AND TRENCH WALL.
- ALL LATERAL PIPING SIZING SHALL BE AS STATED PER PLAN.
- BURY LATERAL LINES WITH A MINIMUM 12" OF COVER. MAIN LINES SHALL HAVE A MINIMUM COVER OF 18" COVER.
- INSTALL ALL PIPING AND FITTINGS USING GLUE AND THRUST BLOCKING METHODS CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS.
- CAP OR PLUG ALL OPENINGS AS SOON AS LINES ARE INSTALLED TO PREVENT DEBRIS ENTERING LINES.
- THOROUGHLY FLUSH ALL LINES PRIOR TO THE OPERATION OF SPRINKLER HEADS.
- INSTALL ALL WIRES A MINIMUM OF 10" BELOW FINISH GRADE. SPLICES ARE NOT ALLOWED IN THE TRENCH.
- THE IRRIGATION SYSTEM SHALL BE TESTED AT OPERATING PRESSURE AND HELD FOR A MINIMUM 4 HOURS. REPAIR ALL LEAKS AND RETEST AFTER CURING.
- UPON COMPLETION OF PRESSURE LINE TESTING, COMPLETE ASSEMBLY OF ALL EQUIPMENT AND SPRINKLERS FOR PROPER DISTRIBUTION.
- PROVIDE "AS BUILT DRAWINGS" IF IRRIGATION SYSTEM IS INSTALLED ALTERNATELY IN FIELD AS THAN PER DESIGN.
- ALL IRRIGATION LINES AND WIRING SHALL BE INSTALLED THROUGH SLEEVES WHEN CROSSING ANY HARDSURFACE AREAS.
- ALL VALVES SHALL BE WIRED INDIVIDUALLY AT THE CONTROLLER.
- ALL GASKETED PRESSURE PIPES AND FITTINGS SHALL BE THRUST BLOCKED. NO CONCRETE PREFORMED BLOCKS WITH BE ALLOWED.
- IRRIGATION CONTRACTOR SHALL COORDINATE ON SITE OPERATIONS WITH SITE CONTRACTOR PRIOR TO INSTALLATION. IRRIGATION CONTRACTOR SHALL BE AWARE OF ALL UNDERGROUND UTILITIES AND THEIR LOCATIONS PRIOR TO START OF TRENCHING/INSTALLATION.
- ALL BIDDERS SUBMITTING A BID SHALL VISIT THE CONSTRUCTION SITE AND REVIEW EXISTING CONDITIONS PRIOR TO SUBMISSION OF BIDS.
- PLOWING/ PULLING OF LATERAL LINES IS ACCEPTABLE IF SITE CONDITIONS ALLOW CONTRACTOR. METHODS OF INSTALLATION SHALL BE SUBMITTED TO CONSTRUCTION MANAGER PRIOR TO START OF IRRIGATION INSTALLATION.
- IRRIGATION CONTRACTOR SHALL SUBMIT ALL IRRIGATION CHANGES TO CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
- IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE AND VOLUME AT CONNECTION POINT PRIOR TO INSTALLATION. IRRIGATION CONTRACTOR SHALL REPORT TO THE CONSTRUCTION MANAGER IF THEY DEEM THE WATER SUPPLY IS INADEQUATE TO RUN PROPOSED IRRIGATION SYSTEM EFFICIENTLY.
- ALL DESIGN INFORMATION SHOWN IS BASED ON SPECIFICATIONS AS PROVIDED FROM RAINBIRD OR HUNTER BASED IRRIGATION PRODUCTS. CONTRACTOR MAY SUBSTITUTE EQUALLY APPROVED PRODUCTS PRIOR TO INSTALLATION.
- ALL TURF IRRIGATION HEADS LOCATED ADJACENT TO HARD SURFACE AREAS SHALL BE INSTALLED WITHIN 6" OF PROPOSED EDGES.

**IRRIGATION LEGEND**

- RAIN BIRD FULL CIRCLE 6504 HEAD ON 1" SWING ARM OR HUNTER I-25 HEAD ON 1" SWING ARM
- RAIN BIRD ADJUSTABLE 6504 HEAD ON 1" SWING ARM OR HUNTER I-25 ADJUSTABLE HEAD ON 1" SWING ARM
- ◆ RAIN BIRD ADJUSTABLE 5004 HEAD ON 1" SWING ARM OR HUNTER I-20 ADJUSTABLE HEAD ON 1" SWING ARM
- ⊕ RAIN BIRD 200 PGA CONTROL VALVE OR HUNTER ICV 201G-FS CONTROL VALVE
- SDR21 PVC MAIN LINE
- |—|— IRRIGATION SCH 40 SLEEVE, SIZE PER PLAN
- 100PSI POLY LATERAL LINE, SIZE AS SHOWN
- ⊗ 1" QUICK COUPLER VALVE
- Ⓢ IS ISOLATION VALVE
- Ⓢ C RAINBIRD ESP-LX CONTROLLER W/ EXPANSION MODULE OR HUNTER I-CORE CONTROLLER (IC-600-PL) W/EXPANSION MODULE

**EQUIPMENT NOTES**

- ALL PVC PIPE/ LATERAL FITTINGS SHALL BE SOLVENT WELD AS REQUIRED.
- ISOLATION VALVES SHALL BE A BRONZE TYPE THREADED VALVE WITH CROSS HANDLES OR EQUALLY APPROVED.
- SOME AREAS DRAWN MAY BE SCHEMATIC AND SHOWN OUTSIDE APPLICABLE LIMITS FOR EASE OF PLAN READING. INSTALL IRRIGATION LINES AS DEEMED APPROPRIATE IN THE FIELD.









Consultant:

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS - BID PACK #2  
Project Location: 400 SIVERS RD.  
GLENWOOD, IA 51534  
Sheet Title: GRANDSTAND BLEACHER LAYOUT

Project Title:  
HSR Project Number:  
18005

Project Date:  
SEPTEMBER 2018

Drawn By:  
MKM

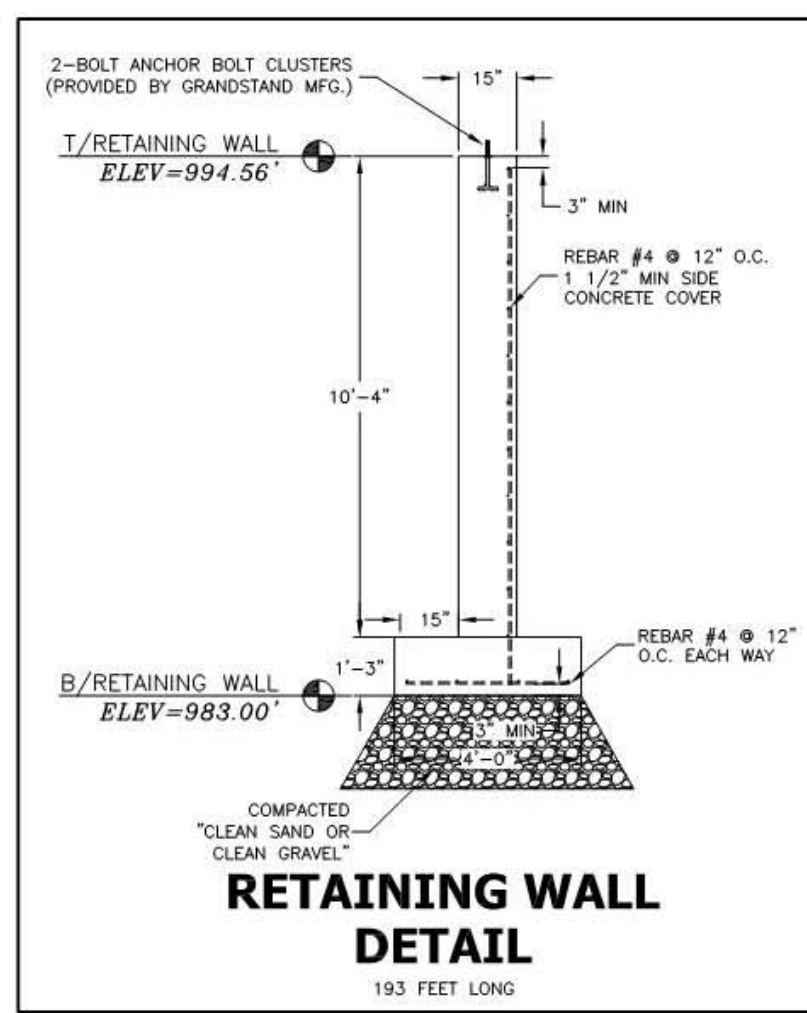
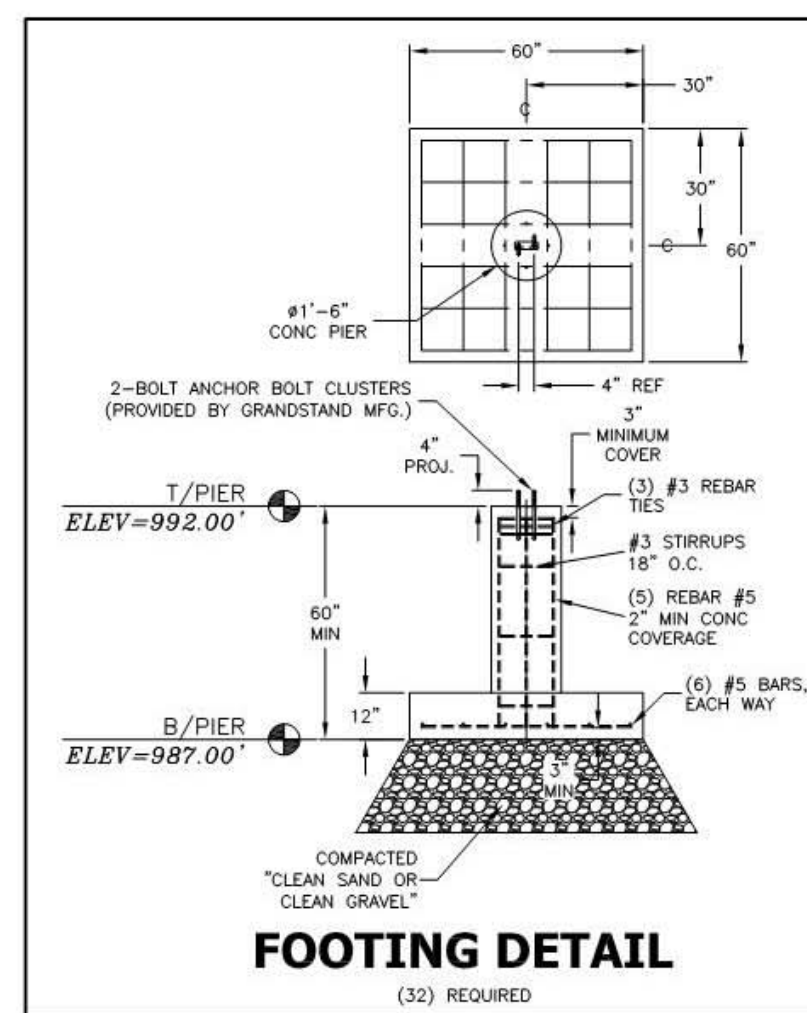
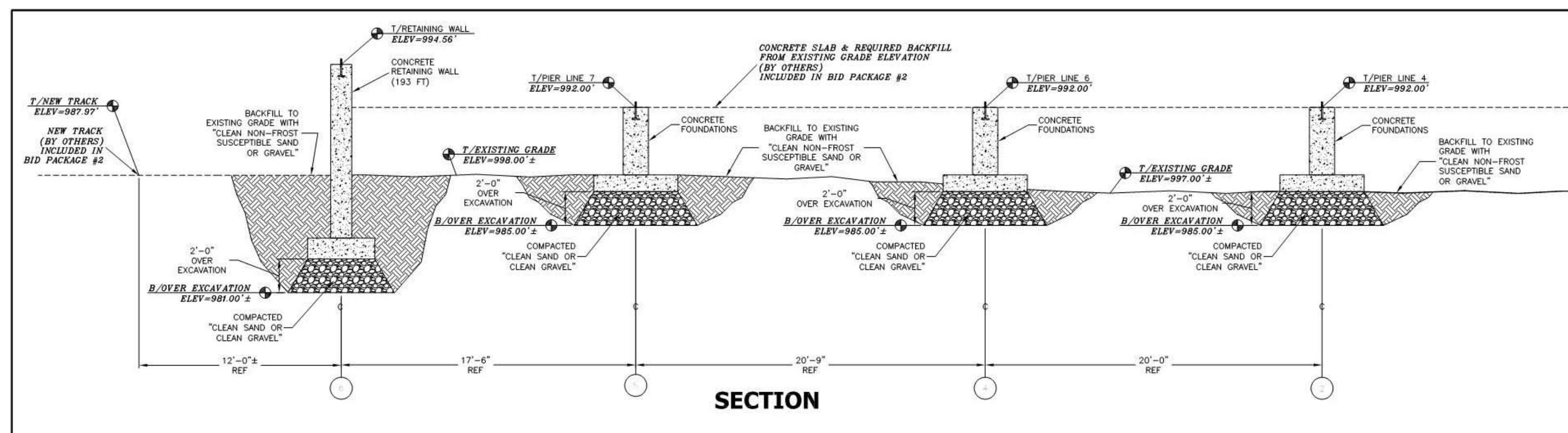
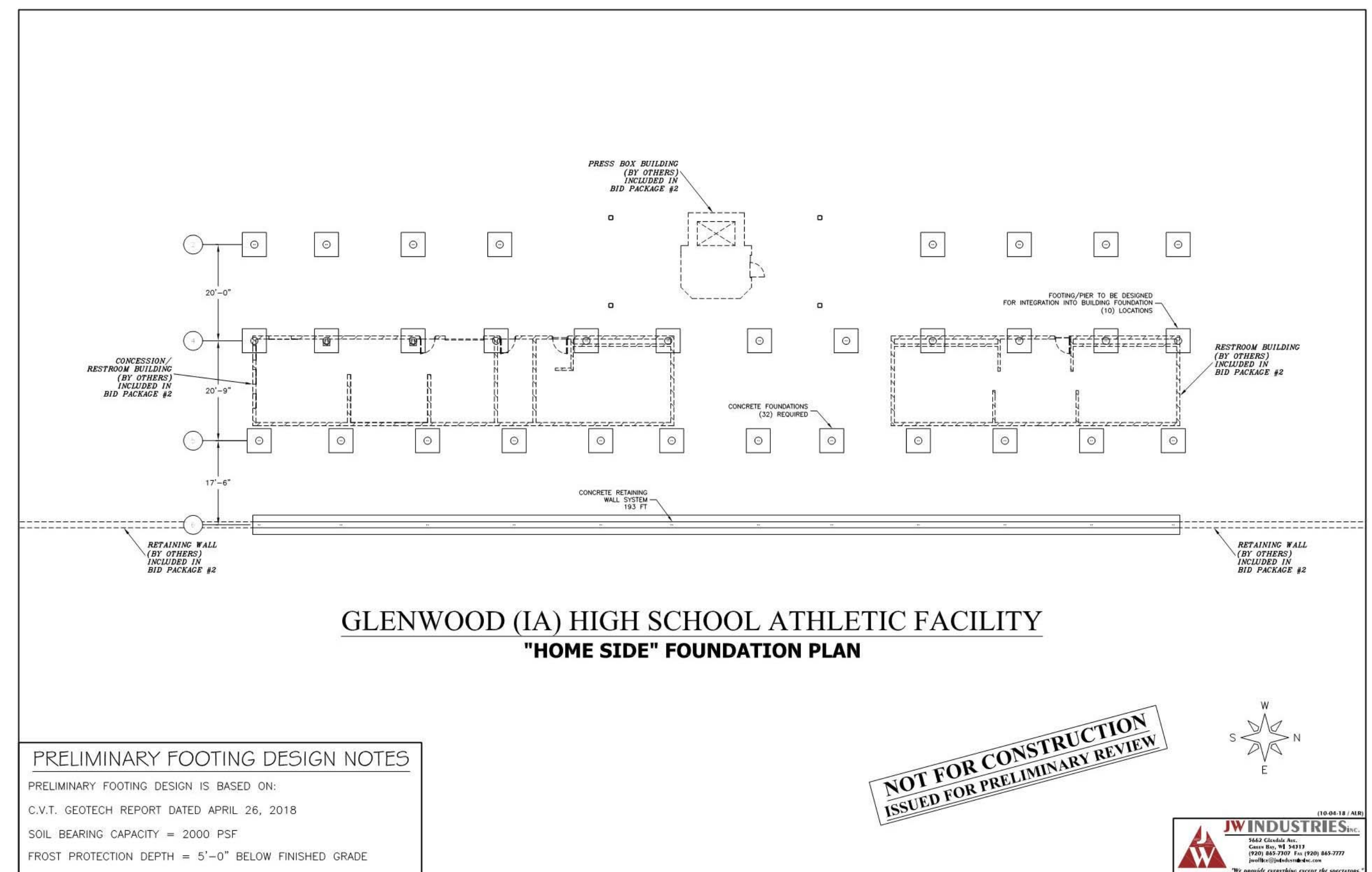
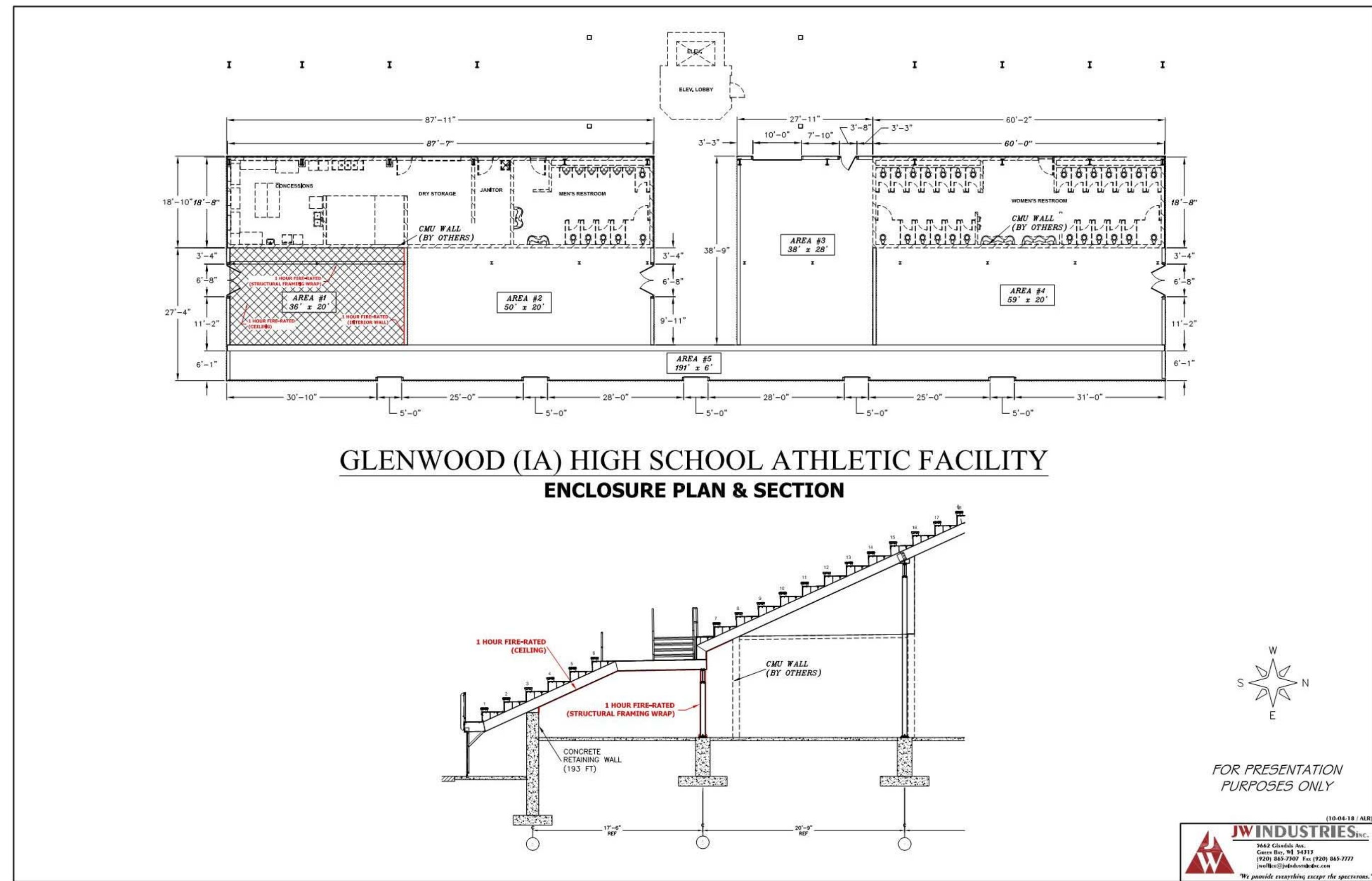
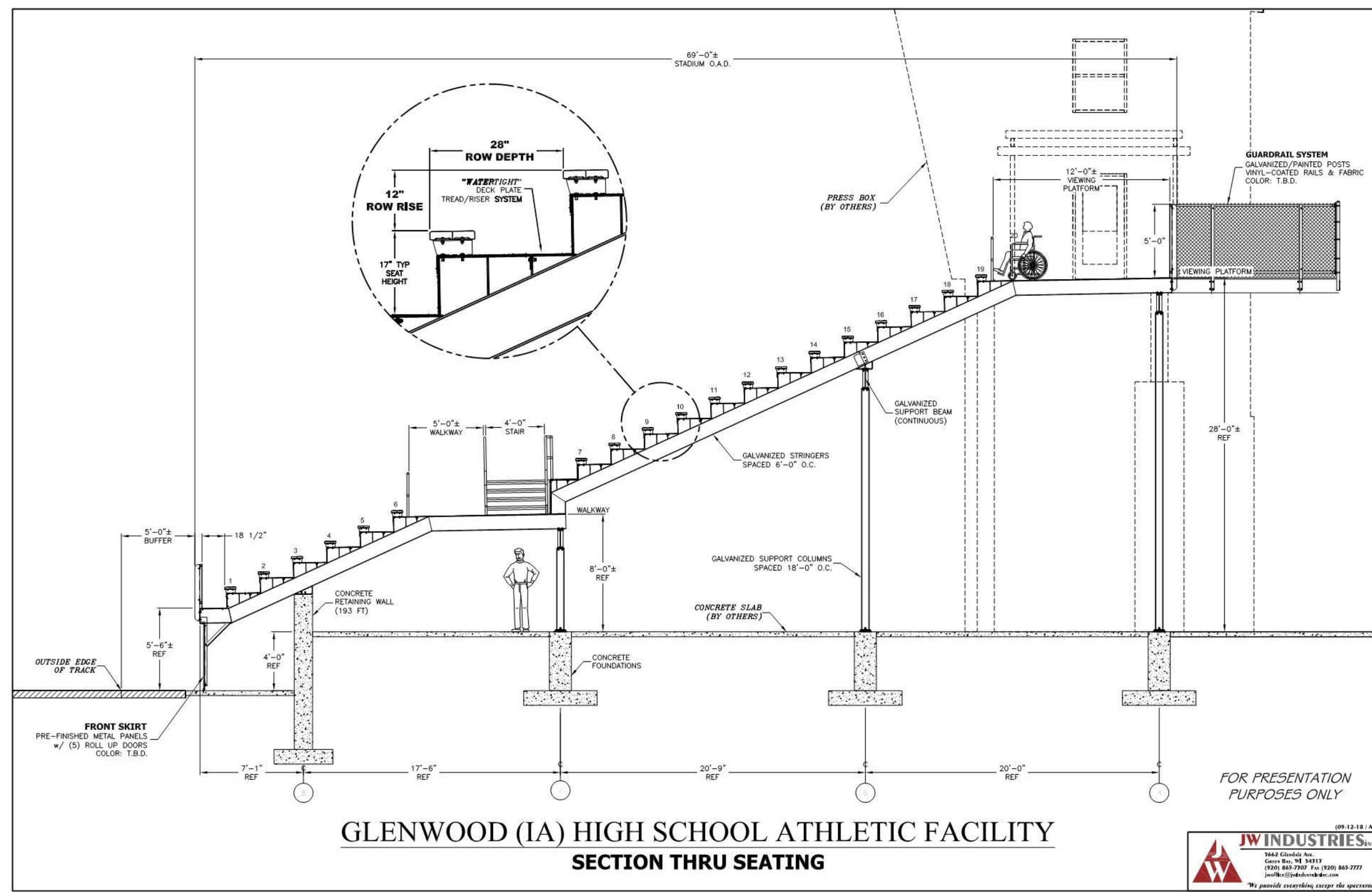
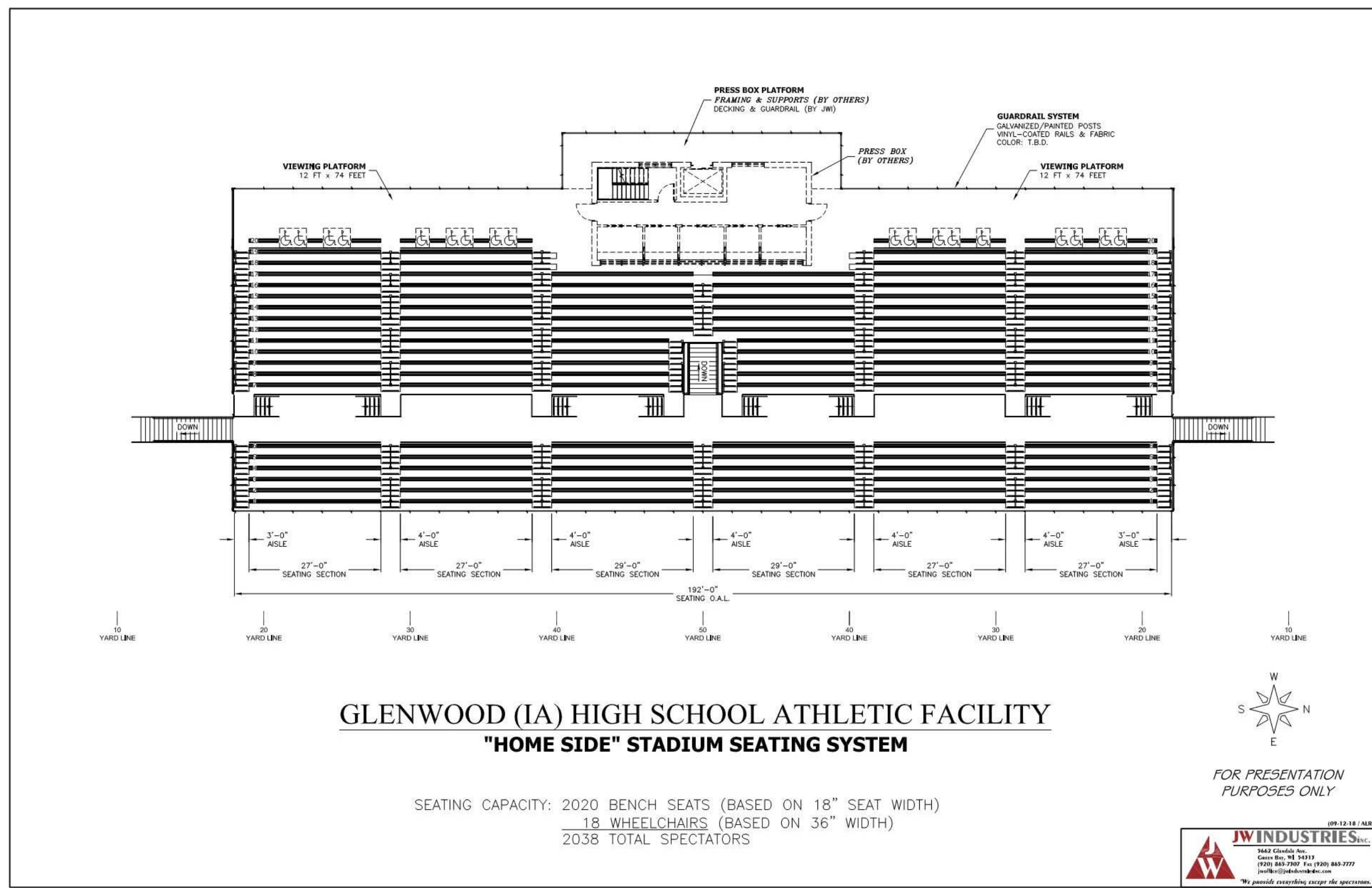
Key Plan:

No.	Description	Date

Graphic Scale:  
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Last Update:  
10/4/2018 11:50:14 AM

**A105**



**NOT FOR CONSTRUCTION  
ISSUED FOR PRELIMINARY REVIEW**







Consultant:

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS - BID PACK #2  
PRESS BOX ELEVATIONS

Project Location: 400 SIVERS RD.  
GLENWOOD, IA 51534

Project Number: 18005

Project Date: SEPTEMBER 2018

Drawn By: MKM,JTD

Key Plan:

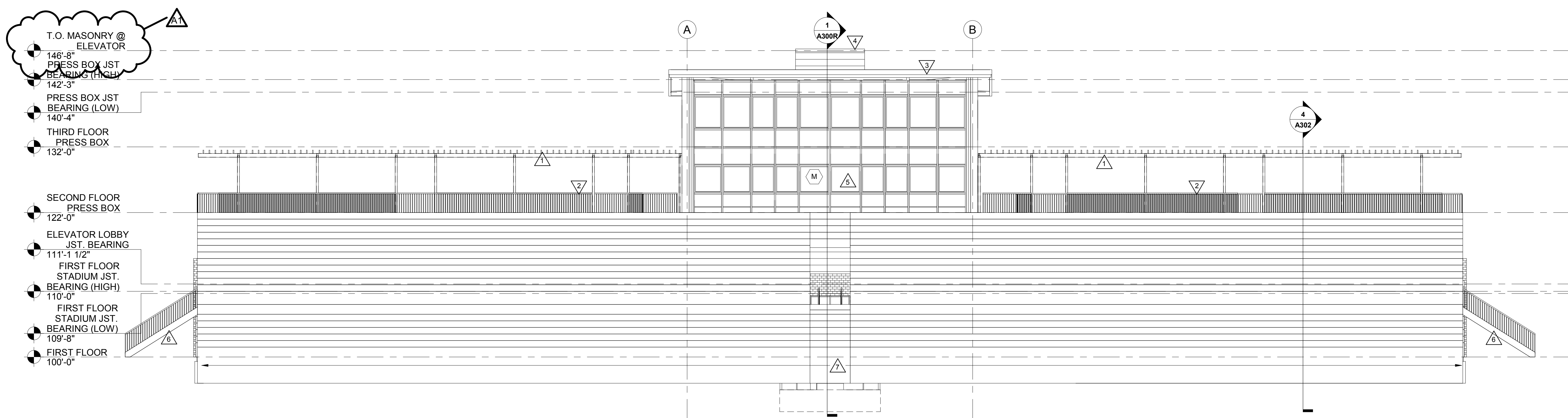
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A1	ADDENDUM #1	10/3/2018

Graphic Scale: VARIES

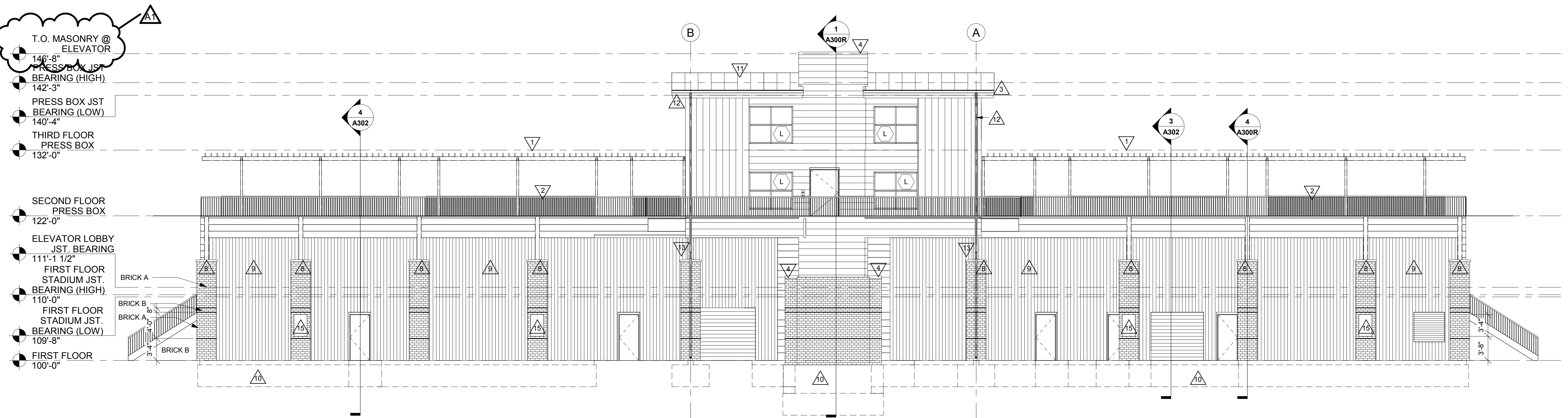
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**A201R**

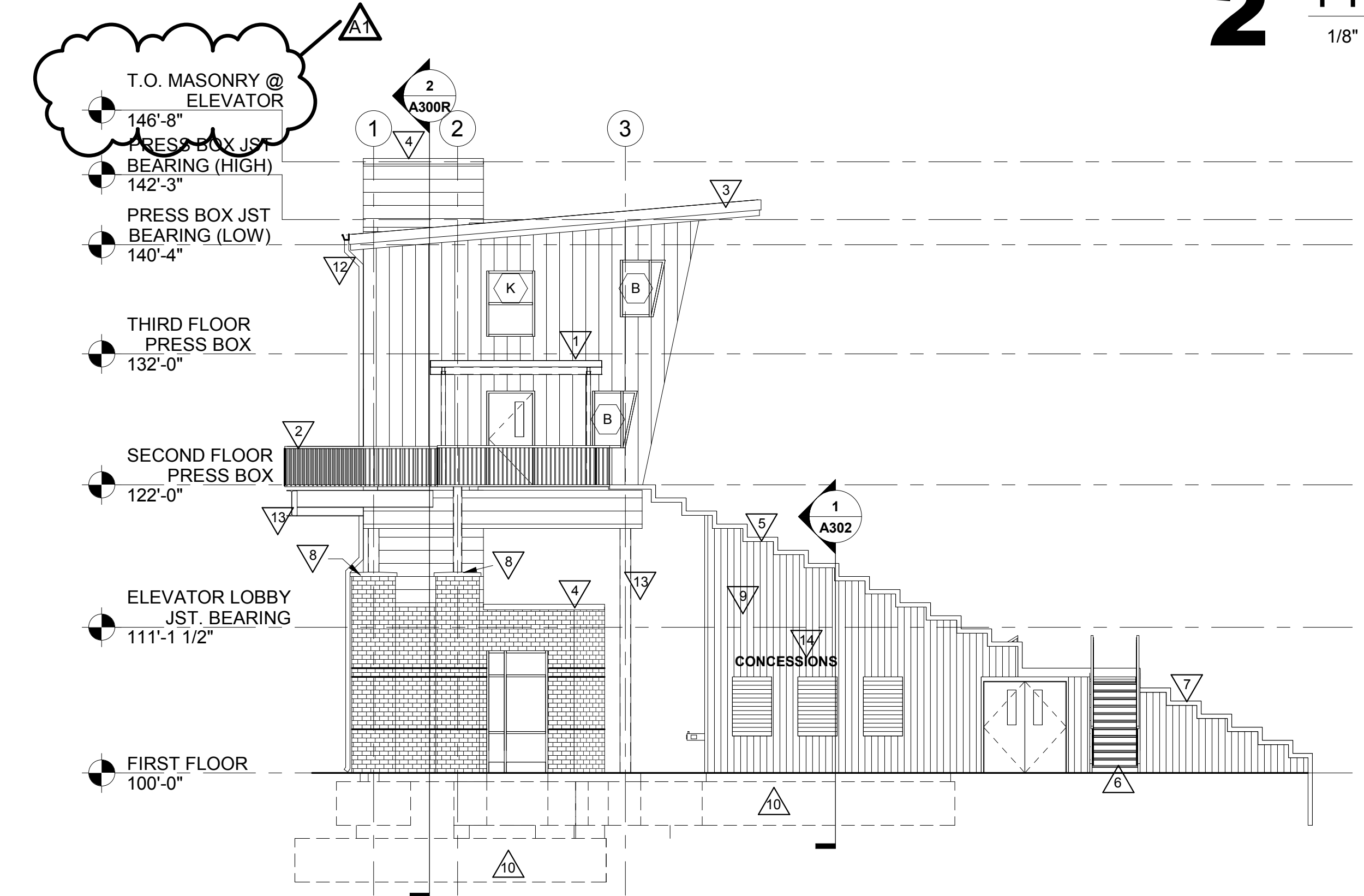
GENERAL NOTES:	
A	SEE DETAILS A510 FOR CONTROL JOINT (CJ) AND BRICK CONTROL JOINT (BCJ) INFORMATION.
B	BRICK COURSING: RUNNING BOND TYPICAL.
C	SEE SPECIFICATION FOR MATERIAL TYPE.
LEGEND:	
	KEYNOTE TAG
	WINDOW TAG, SEE SHEET A600 FOR FRAME ELEVATIONS
	CJ THROUGH WALL CONTROL JOINT - SEE DETAILS A550
	BEJ BRICK VENEER EXPANSION JOINT - SEE DETAILS A550
	BRICK - COLOR A & B - SEE SPECIFICATIONS
	MANUFACTURED STONE
	METAL PANEL - VERTICAL
	METAL PANEL - HORIZONTAL
KEYNOTES ELEVATION-STADIUM	
1	METAL TRELLIS - GALVANIZED STEEL TUBES - SEE STRUCTURAL - COORDINATE ANCHORING W/ BLEACHER MANUFACTURER
2	GUARD RAILING TO BE PROVIDED BY BLEACHER MANUFACTURER
3	PRE-FINISHED METAL FASCIA AND SOFFIT
4	PRE-FINISHED METAL WALL CAP
5	CURTAIN WALL SYSTEM - SEE FRAME ELEVATION 'M' ON A600
6	STAIRS TO BE PROVIDED BY BLEACHER MANUFACTURER
7	BLEACHER SEATING TO BE PROVIDED BY BLEACHER MANUFACTURER UNDER SEPARATE CONTRACT
8	CAST STONE WALL CAP
9	METAL PANEL ENCLOSURE BY BLEACHER MANUFACTURER
10	CONC. FOUNDATIONS - SEE STRUCTURAL
11	MEMBRANE ROOFING SYSTEM - SEE A120
12	PRE-FINISHED SEAMLESS GUTTER & OPEN FACED DOWNSPOUT - TIE INTO STORM SEWER - SEE CIVIL
13	PRIME AND PAINT ALL EXPOSED STEEL COLUMNS AND BEAMS
14	1" HIGH ACRYLIC LETTERS, 3/4" THICK, COLOR - BLACK, FONT - CALBRI
15	CAST STONE LOGO PANEL INSET IN BRICK - VERIFY LOGO WITH SCHOOL - SEE DETAIL 10A200



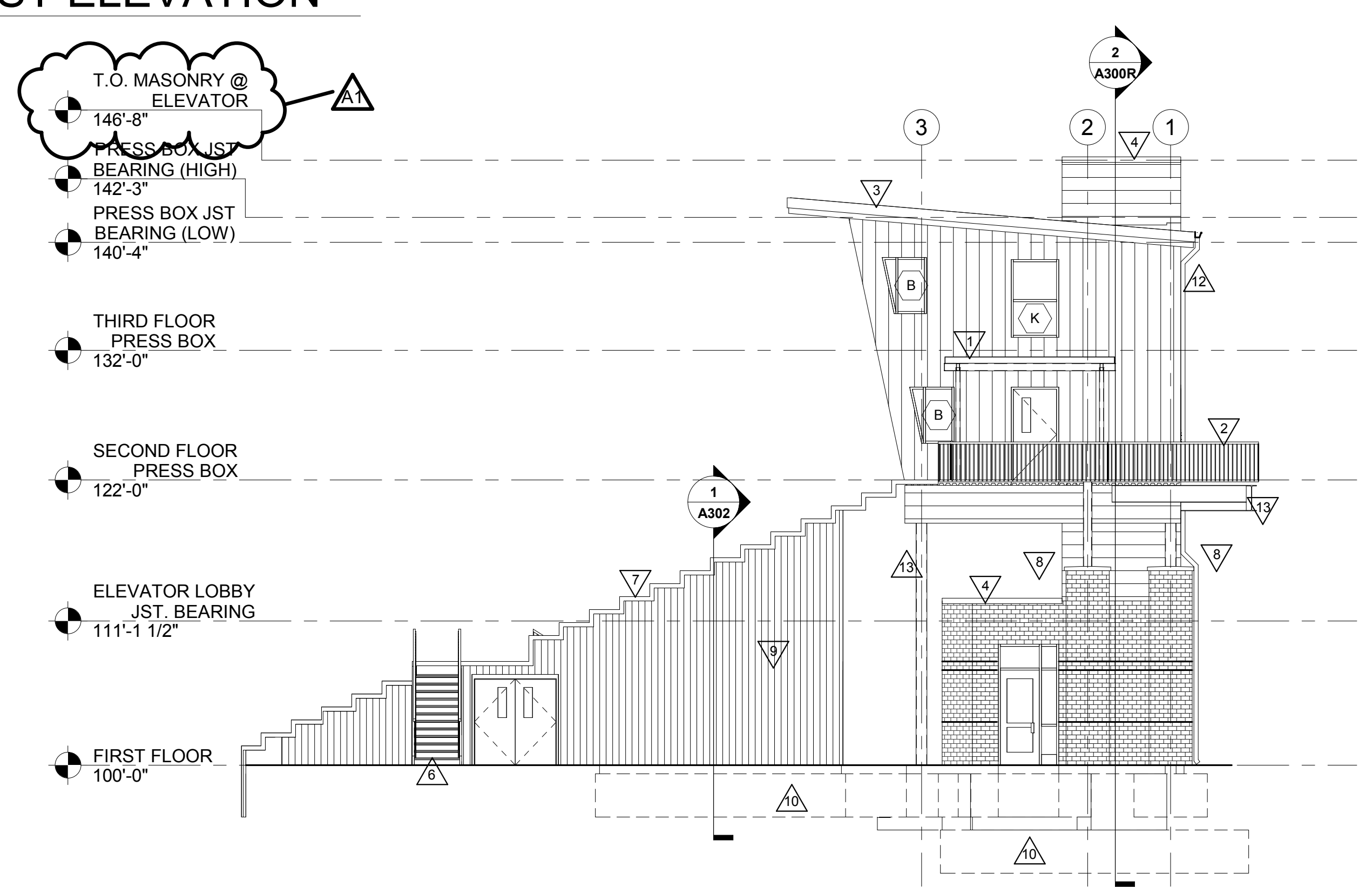
**1** PRESS BOX EAST ELEVATION  
1/8" = 1'-0"



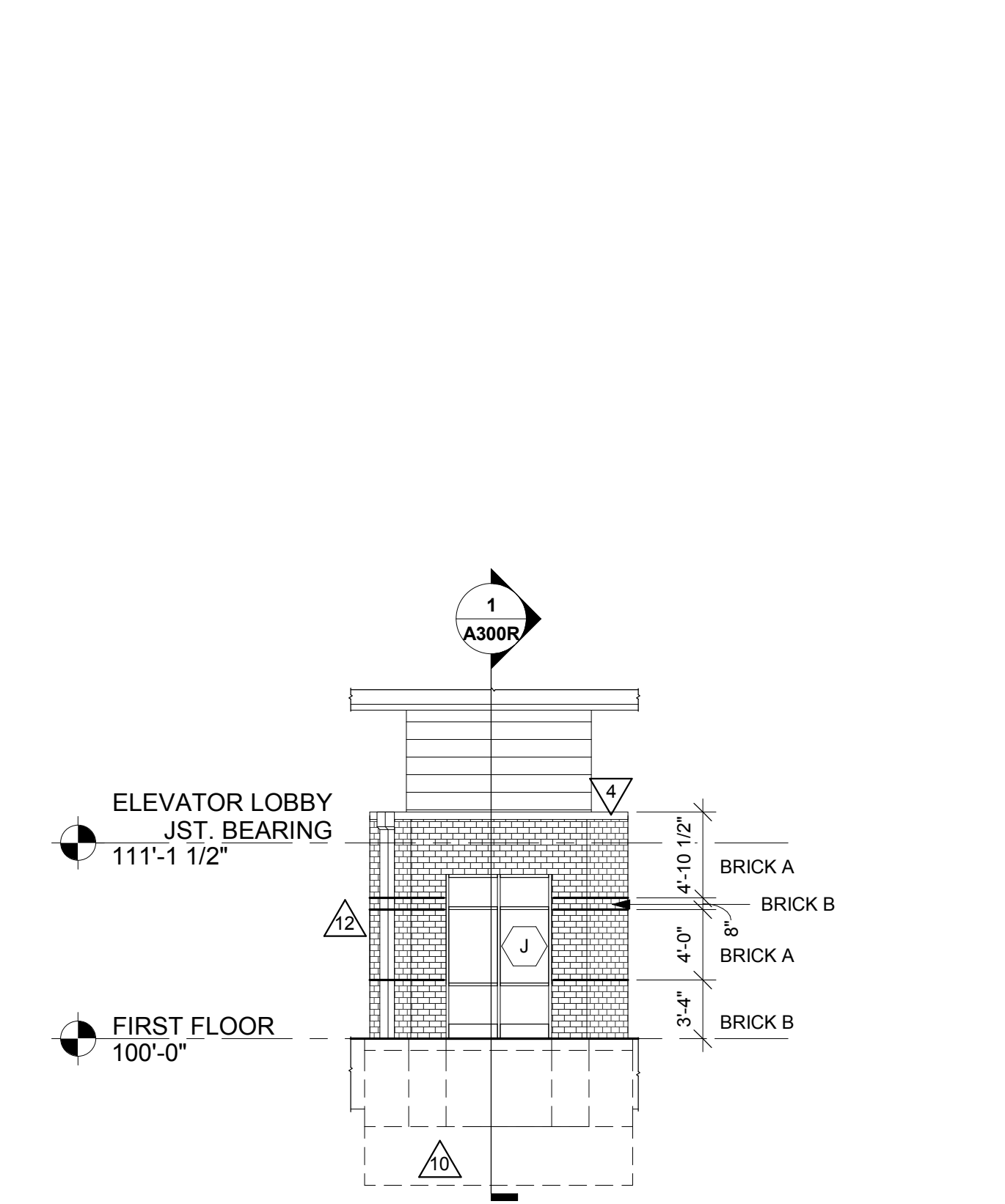
**2** PRESS BOX WEST ELEVATION  
1/8" = 1'-0"



**3** PRESS BOX SOUTH ELEVATION  
1/8" = 1'-0"



**4** PRESS BOX NORTH ELEVATION  
1/8" = 1'-0"



**5** ELEVATOR EAST ELEVATION  
1/8" = 1'-0"





Consultant:

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS - BID PACK #2  
Project Title:  
Project Number:  
Project Date:  
Drawn By:  
Key Plan:

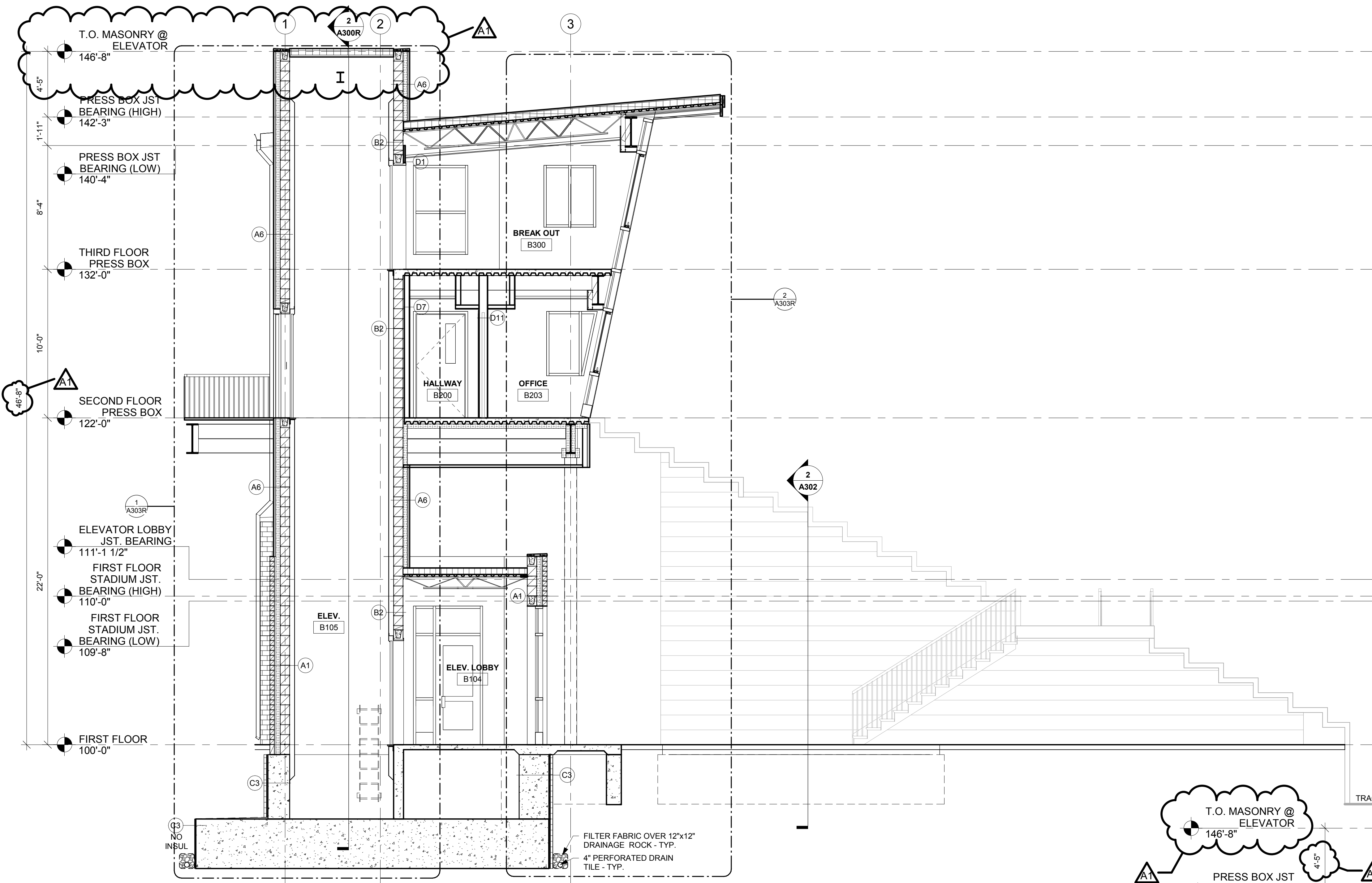
HSR Project Number:  
18005  
Project Date:  
SEPTEMBER 2018  
Drawn By:  
MKM/JTD  
Key Plan:

No.	Description	Date
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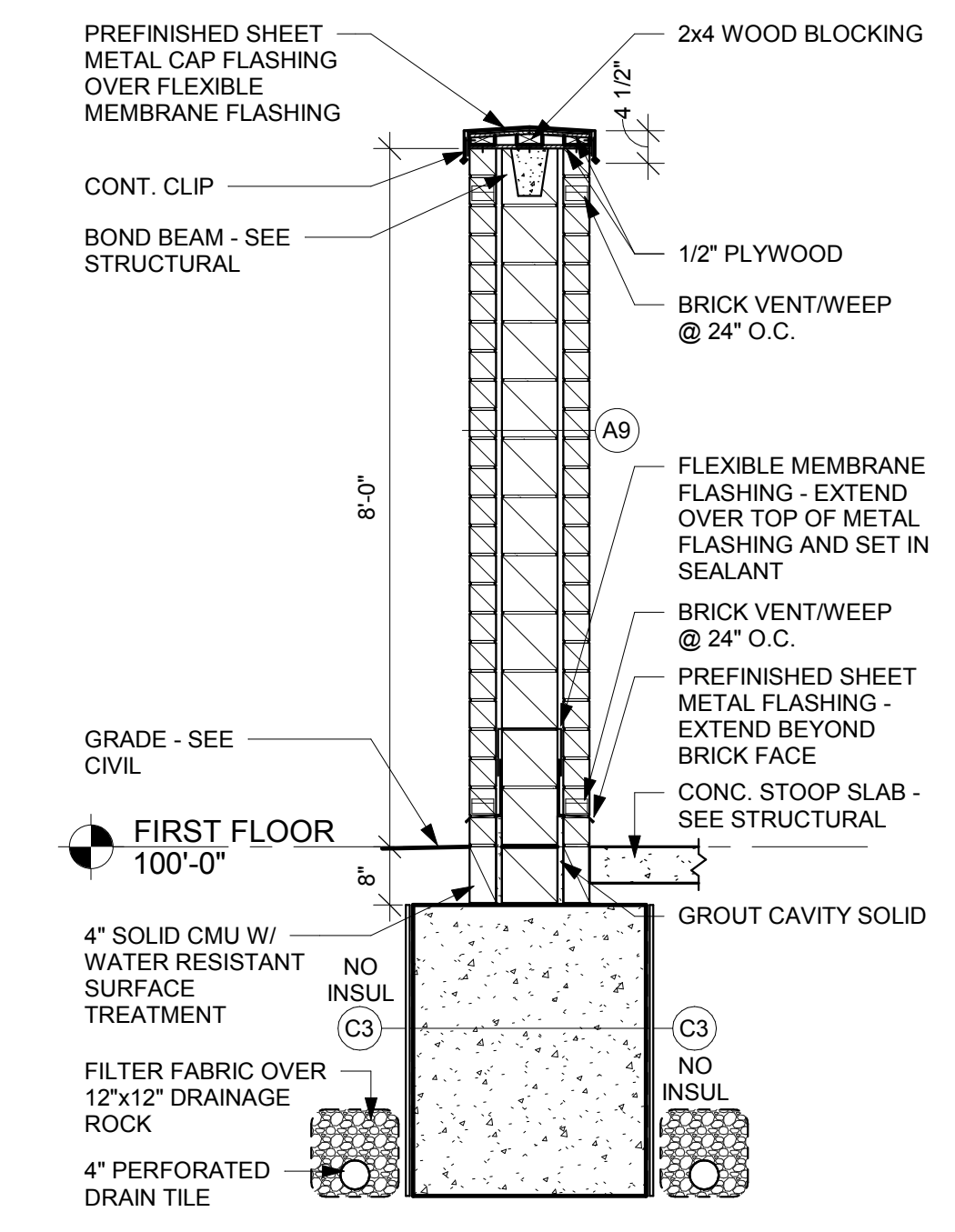
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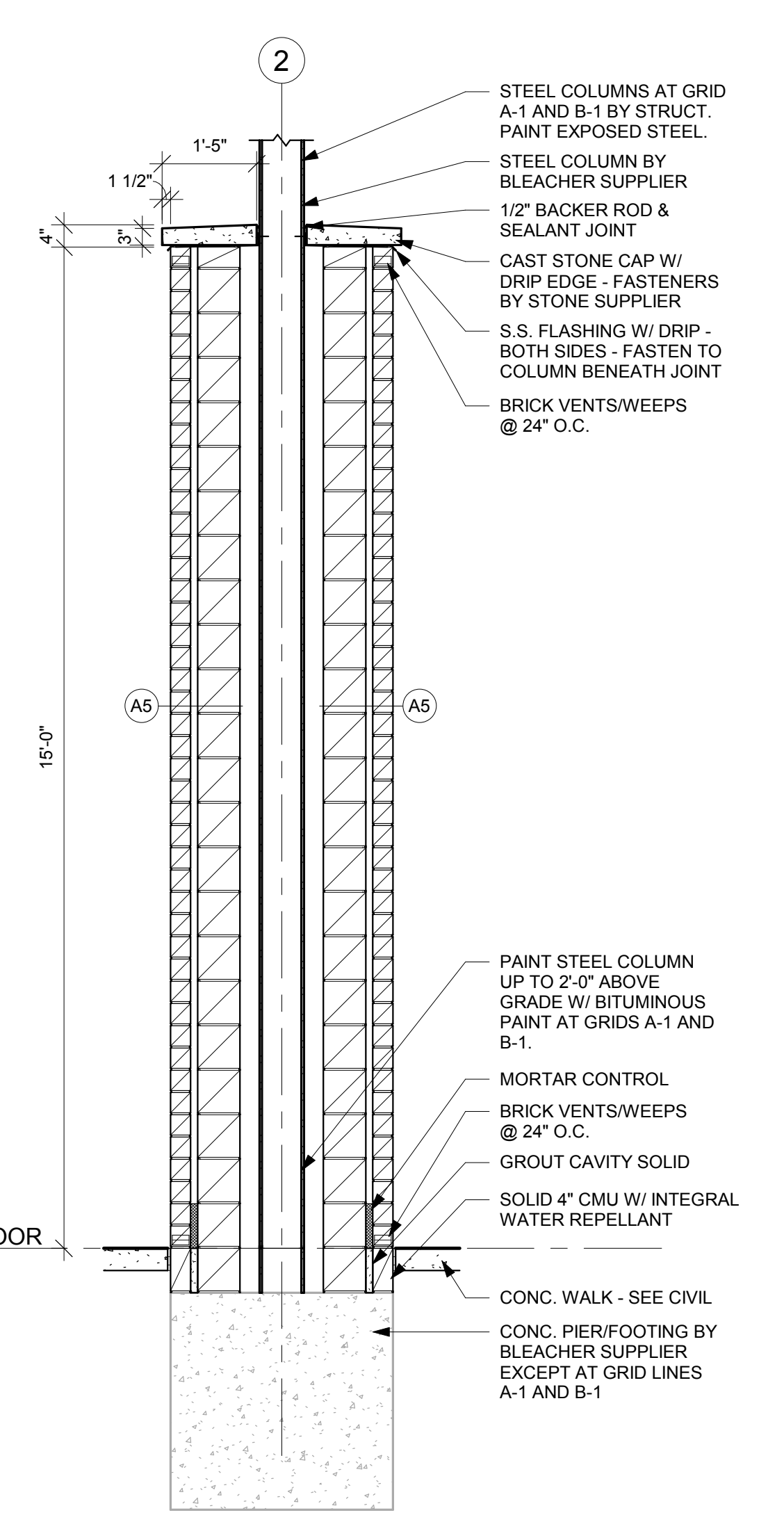
**A300R**



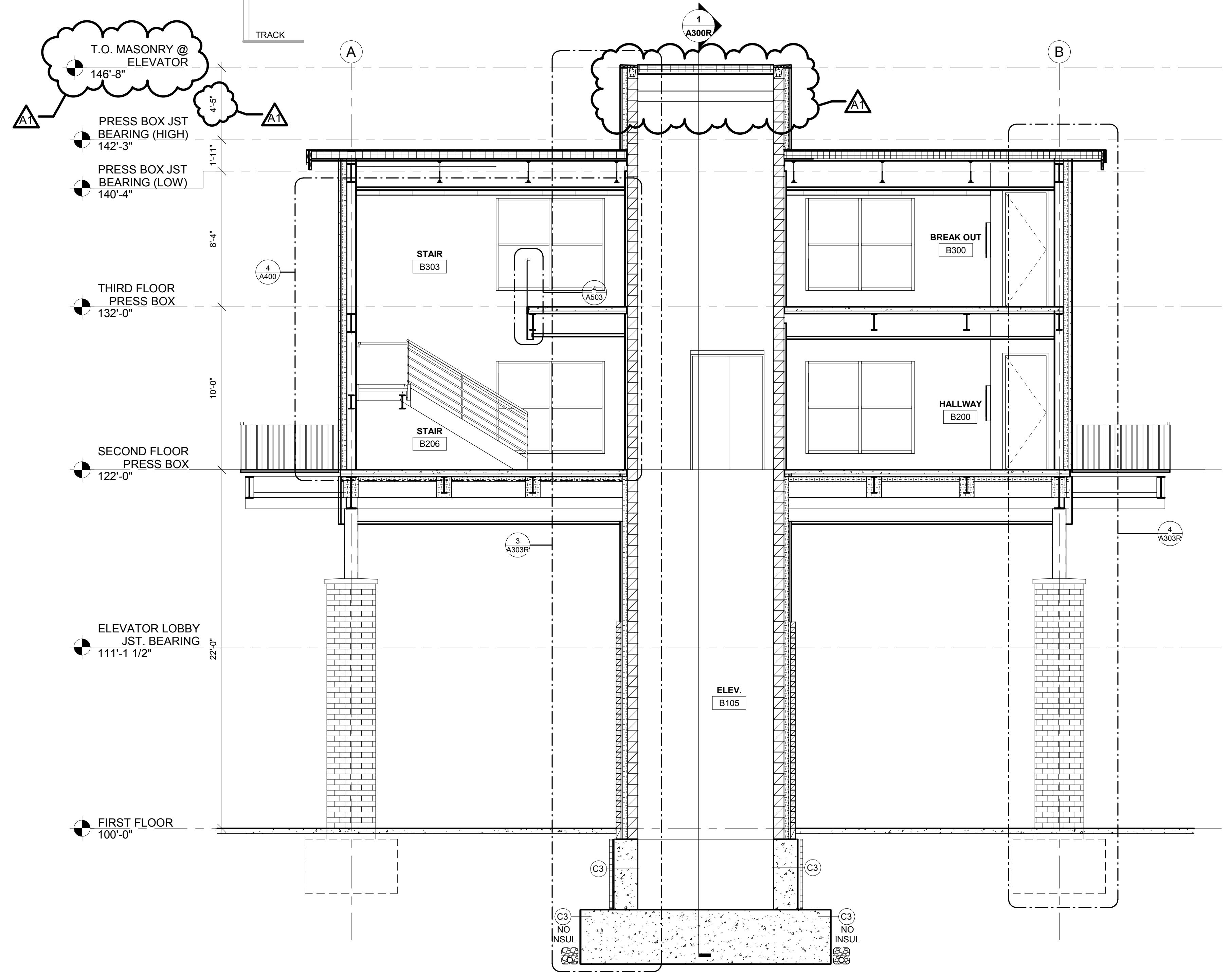
**1** PRESS BOX SECTION  
1/4" = 1'-0"



**3** WALL SECTION  
1/2" = 1'-0"



**4** COLUMN SECTION  
1/2" = 1'-0"



**2** PRESS BOX SECTION  
1/4" = 1'-0"





Consultant:

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS - BID PACK #2  
FIRST FLOOR STADIUM BUILDING SECTIONS

Project Title:  
Project Location: 400 SIVERS RD.  
GLENWOOD, IA 51534

HSR Project Number:  
18005

Project Date:  
SEPTEMBER 2018

Drawn By:  
JTD

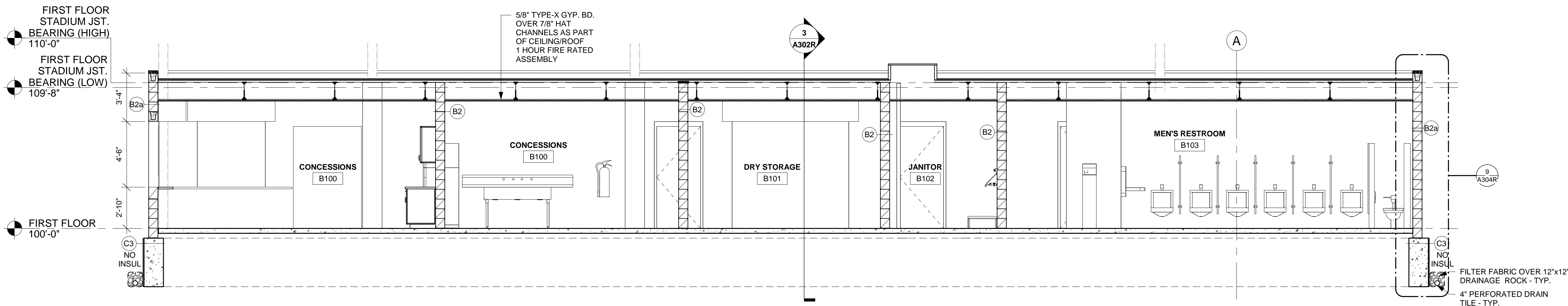
Key Plan:

No.	Description	Date
A1	ADDENDUM #1	10/3/2018

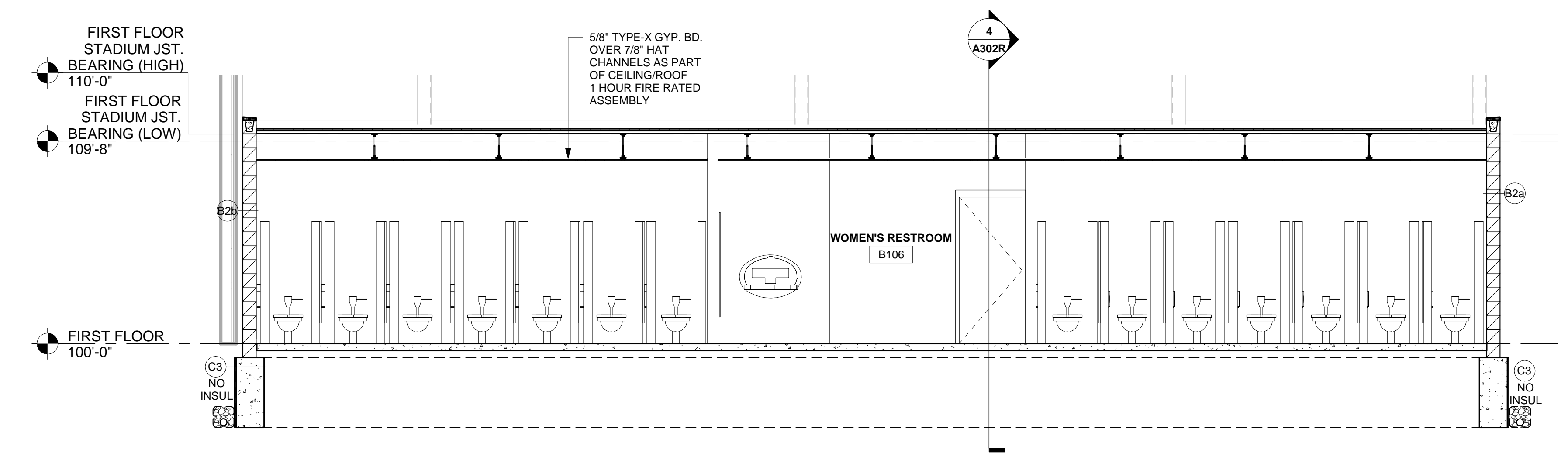
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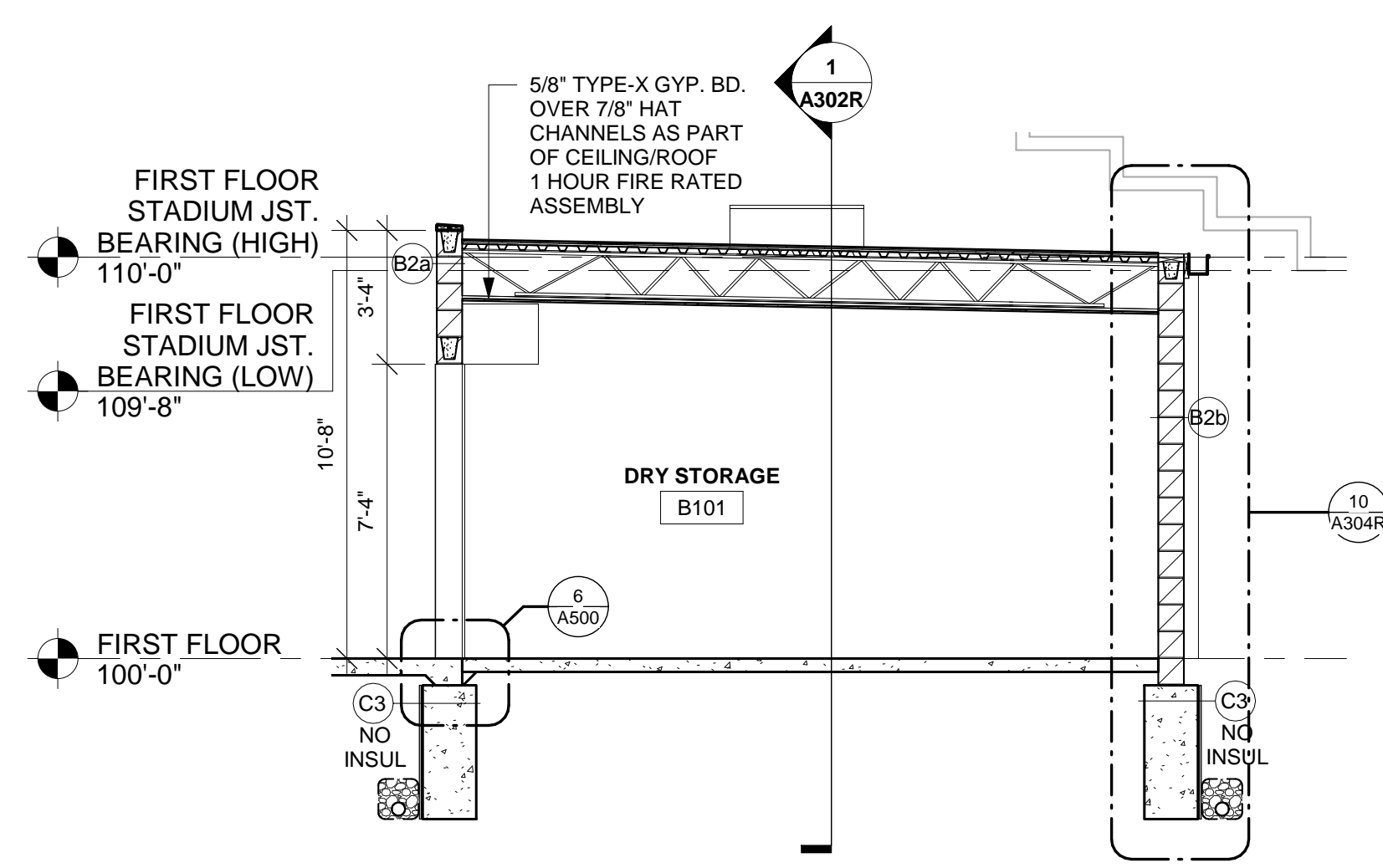
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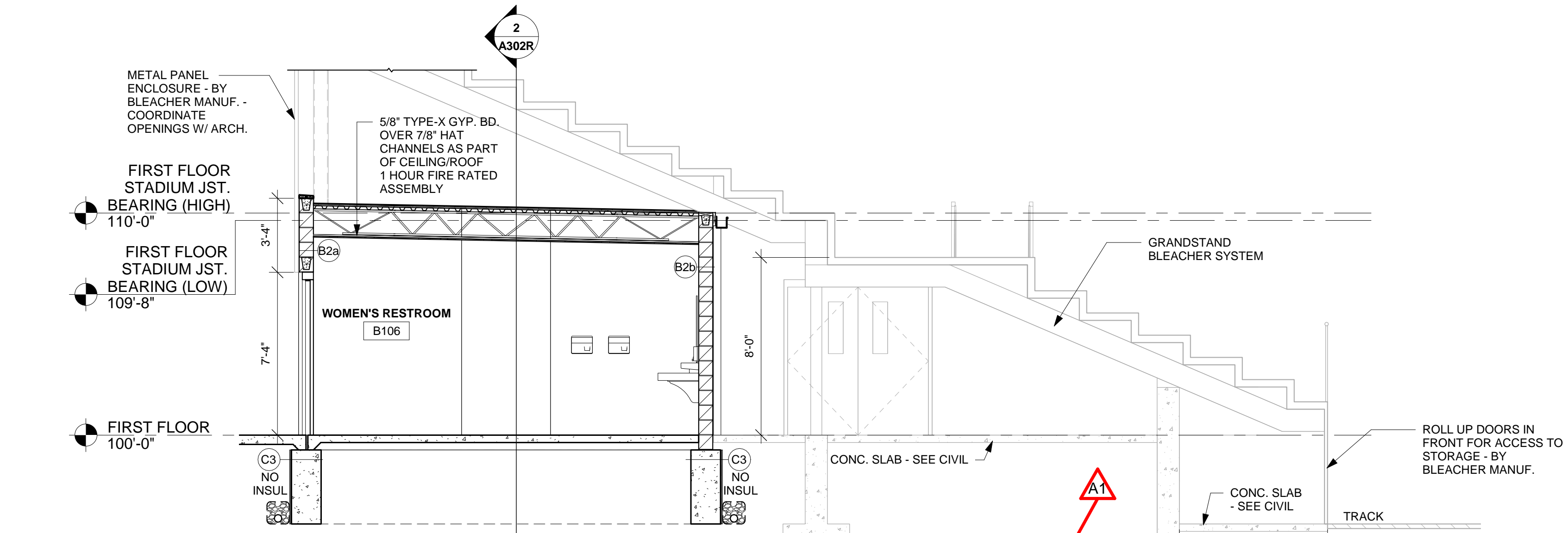
**1 BUILDING SECTION**  
1/4" = 1'-0"



**2 BUILDING SECTION**  
1/4" = 1'-0"



**3 BUILDING SECTION**  
1/4" = 1'-0"



**4 BUILDING SECTION**  
1/4" = 1'-0"





Consultant:

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS - BID PACK #2

Project Title:  
Project Location: 400 SIVERS RD.  
GLENWOOD, IA 51534

HSR Project Number:  
18005

Project Date:  
SEPTEMBER 2018

Drawn By:  
JTD

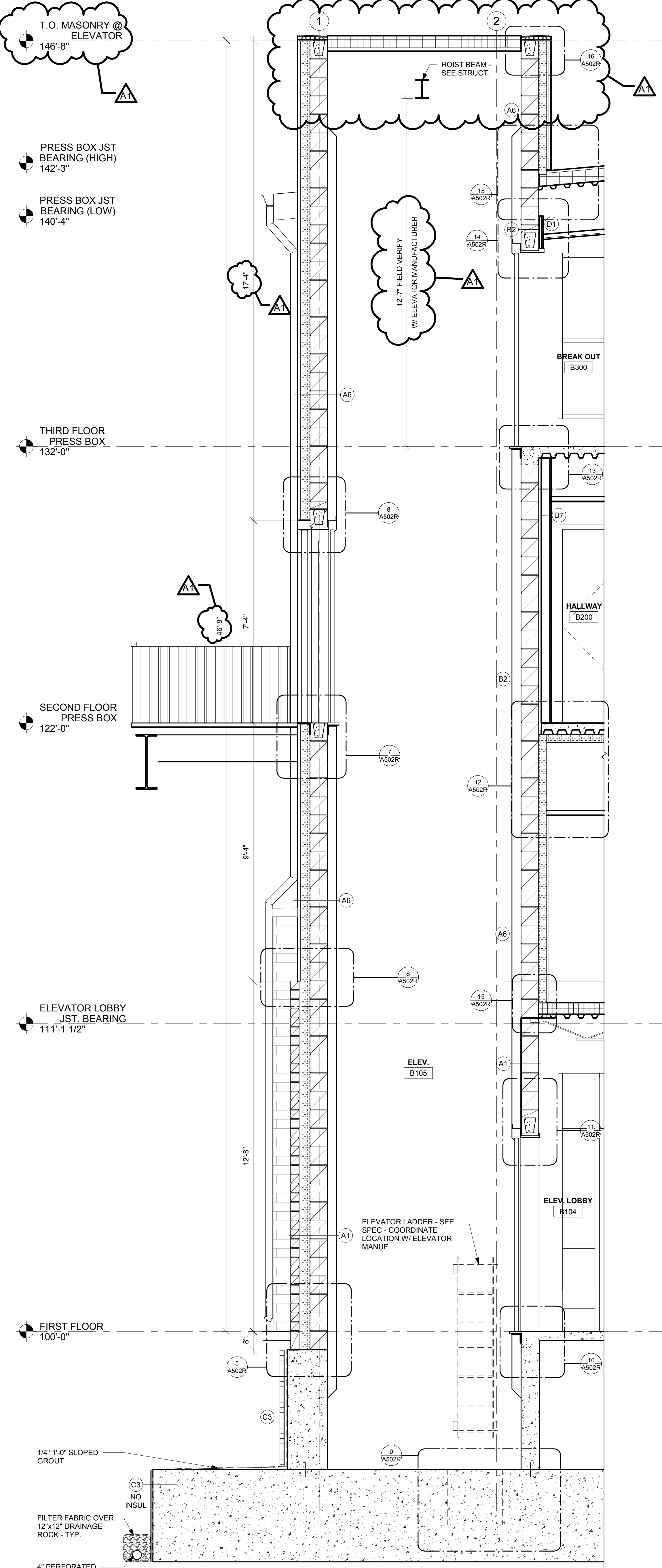
Key Plan:

No.	Description	Date
A1	ADDENDUM #1	10/3/2018

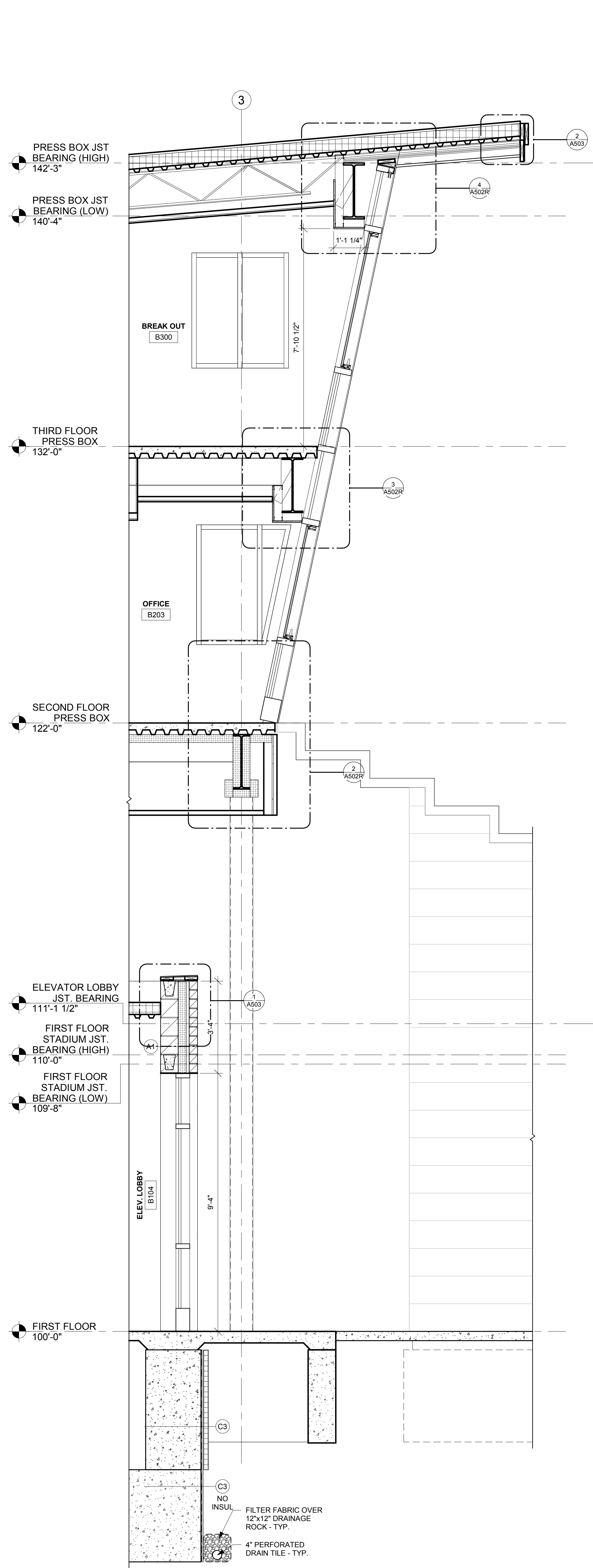
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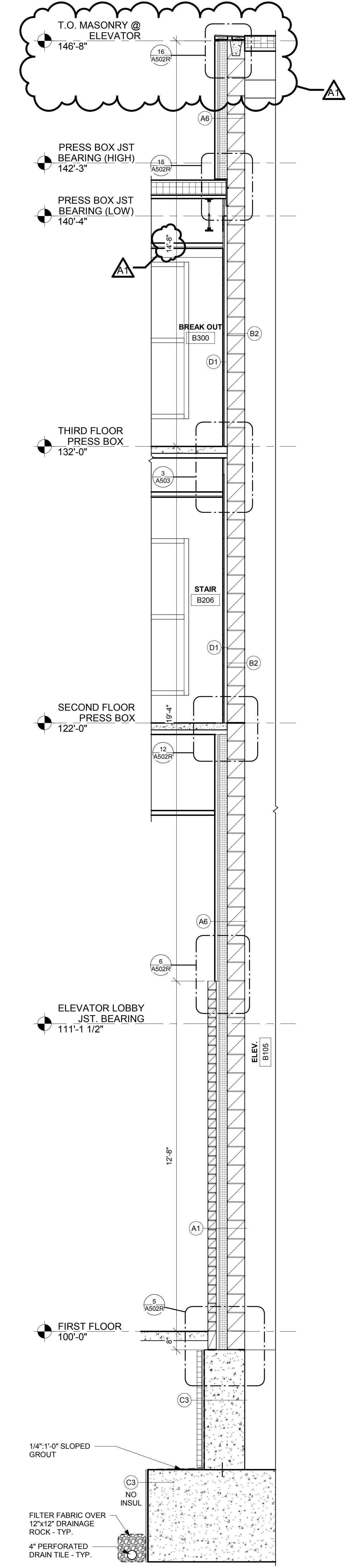
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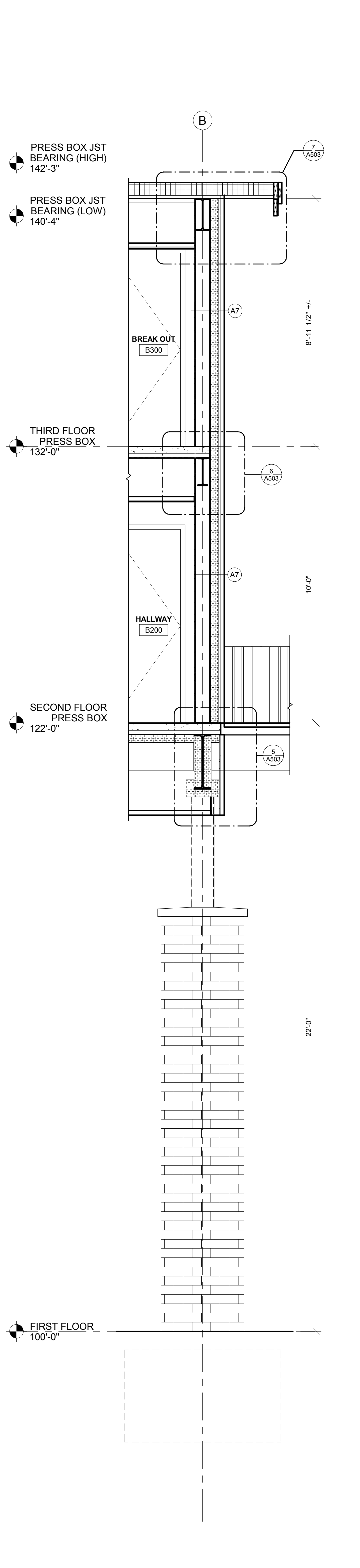
**1** WALL SECTION  
1/2" = 1'-0"



**2** WALL SECTION  
1/2" = 1'-0"



**3** WALL SECTION  
1/2" = 1'-0"



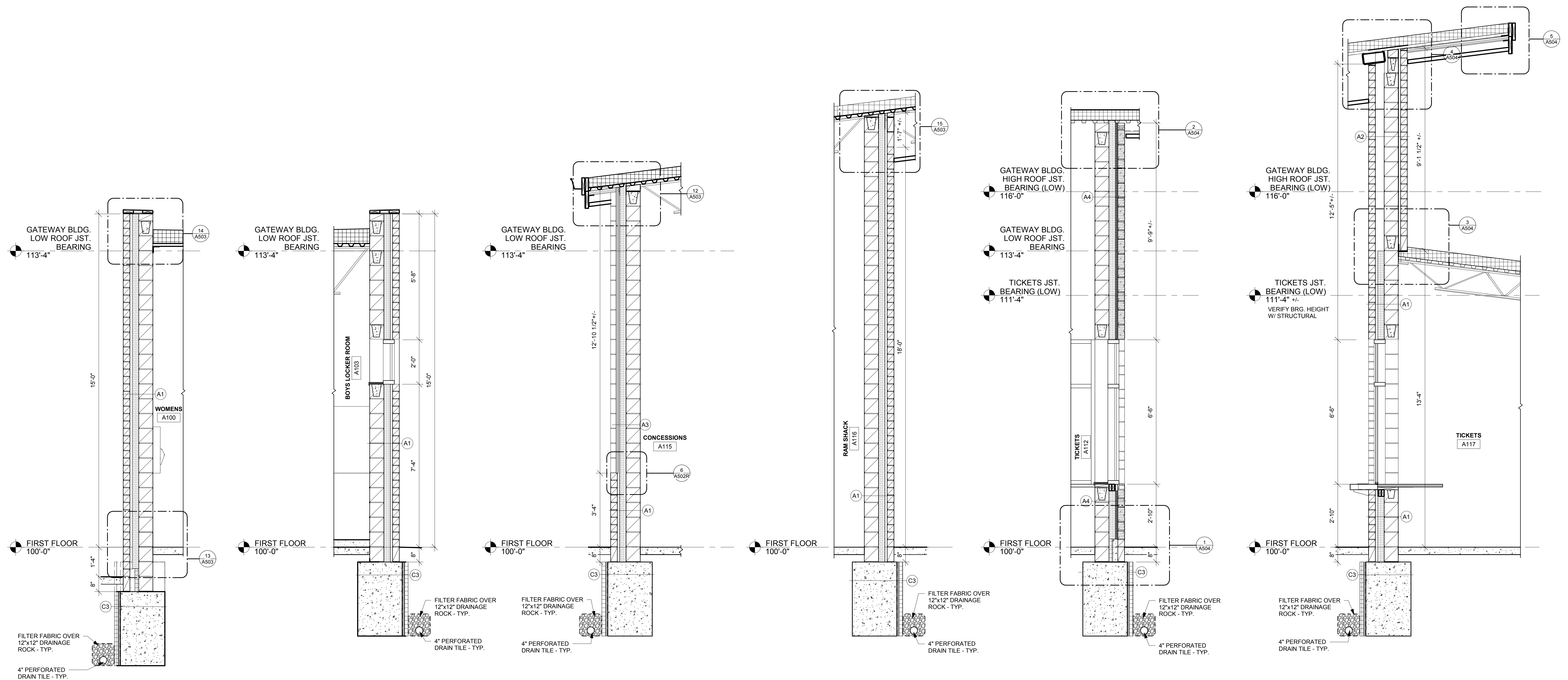
**4** WALL SECTION  
1/2" = 1'-0"



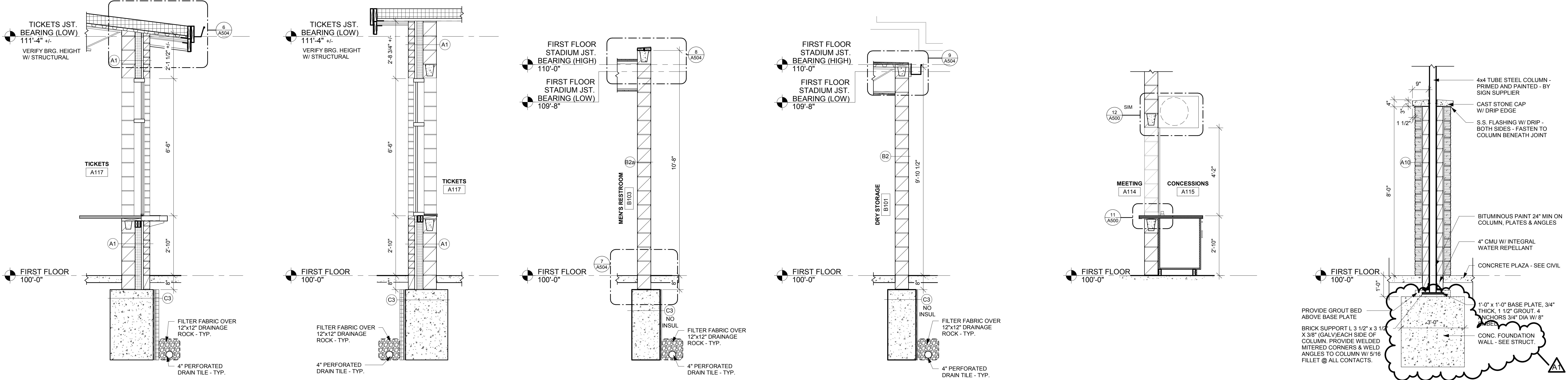


Consultant:

GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS - BID PACK #2  
Project Location: 400 SIVERS RD.  
GLENWOOD, IA 51534  
WALL SECTIONS



**1** WALL SECTION 1/2" = 1'-0"  
**2** WALL SECTION 1/2" = 1'-0"  
**3** WALL SECTION 1/2" = 1'-0"  
**4** WALL SECTION 1/2" = 1'-0"  
**5** WALL SECTION 1/2" = 1'-0"  
**6** WALL SECTION 1/2" = 1'-0"



**7** WALL SECTION 1/2" = 1'-0"  
**8** WALL SECTION 1/2" = 1'-0"  
**9** WALL SECTION 1/2" = 1'-0"  
**10** WALL SECTION 1/2" = 1'-0"  
**11** WALL SECTION 1/2" = 1'-0"  
**12** SIGN SECTION 1/2" = 1'-0"

Project Title:  
Project Number:  
Project Date:  
Drawn By:  
Key Plan:

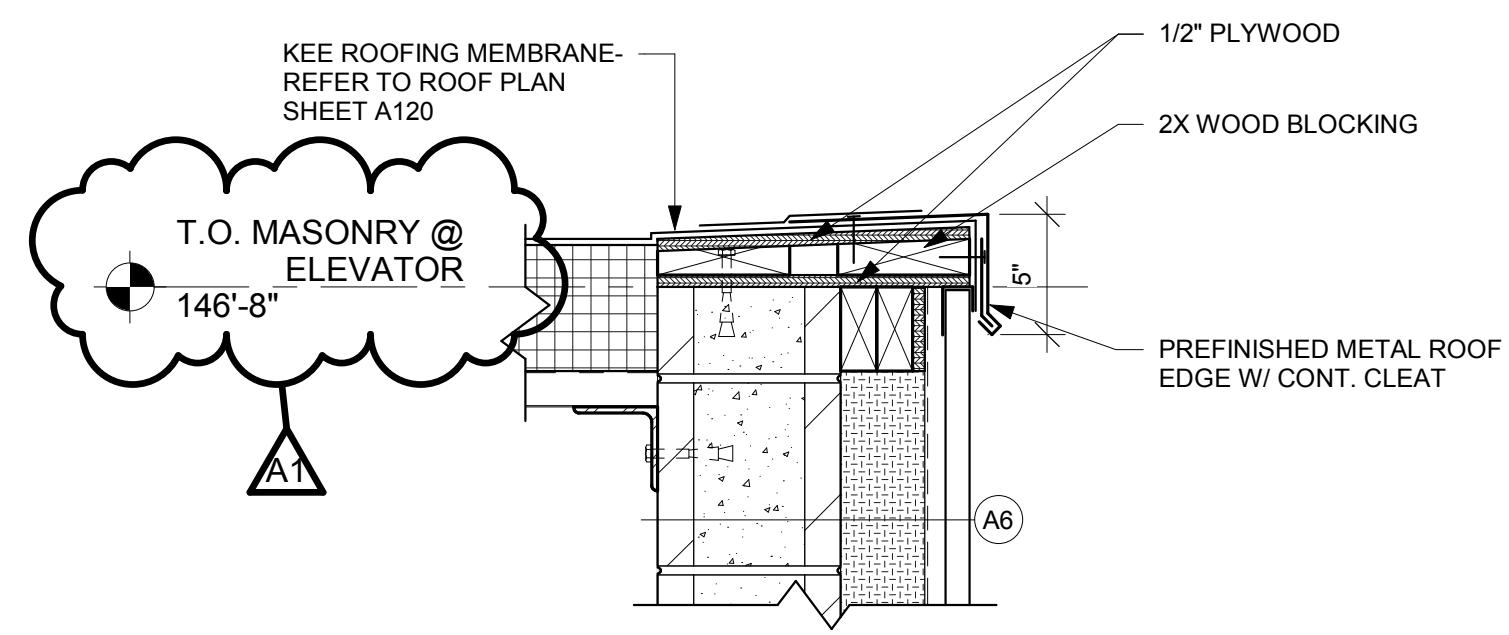
18005  
SEPTEMBER 2018  
JTD

No.	Description	Date
A1	ADDENDUM #1	10/3/2018

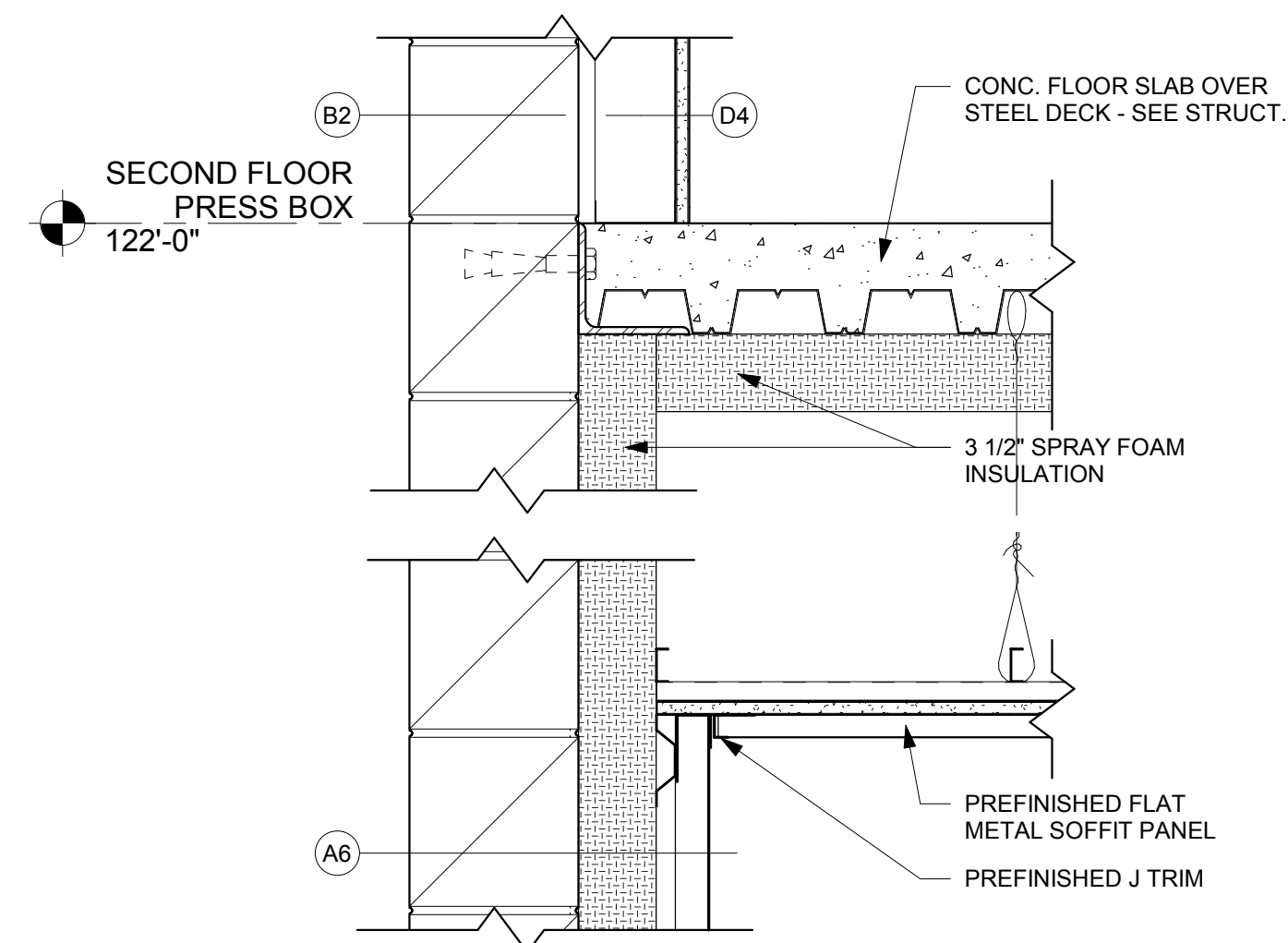
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**A304R**

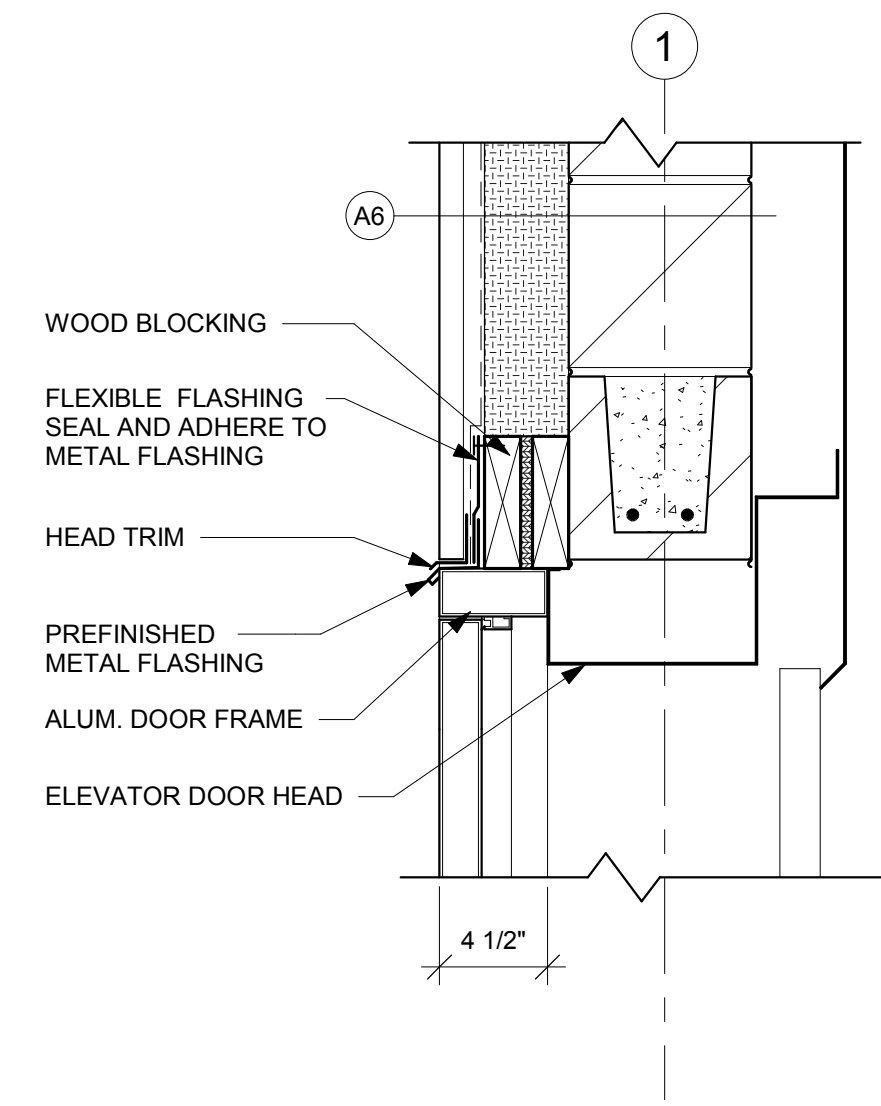




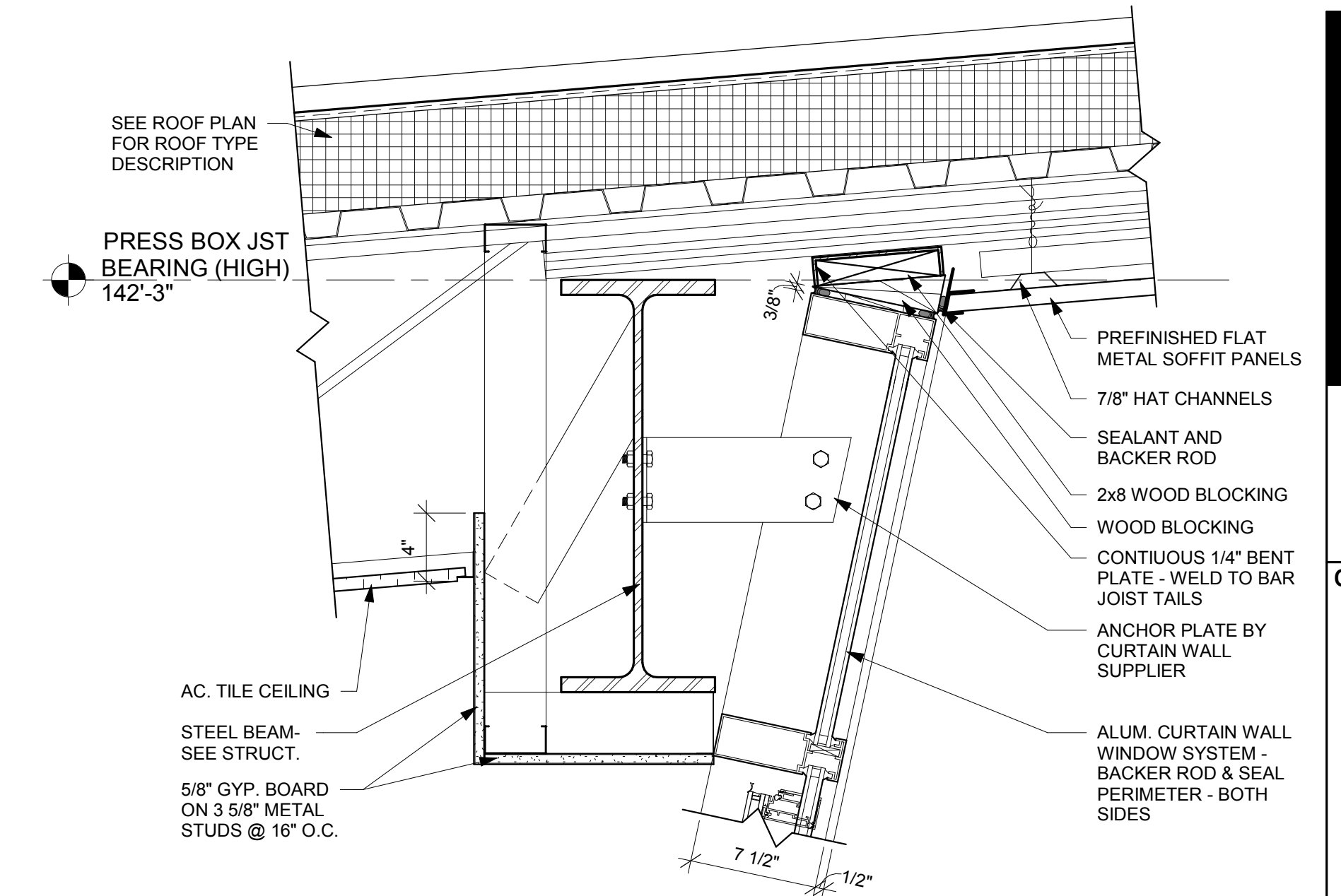
**16** ROOF DETAIL  
1 1/2" = 1'-0"



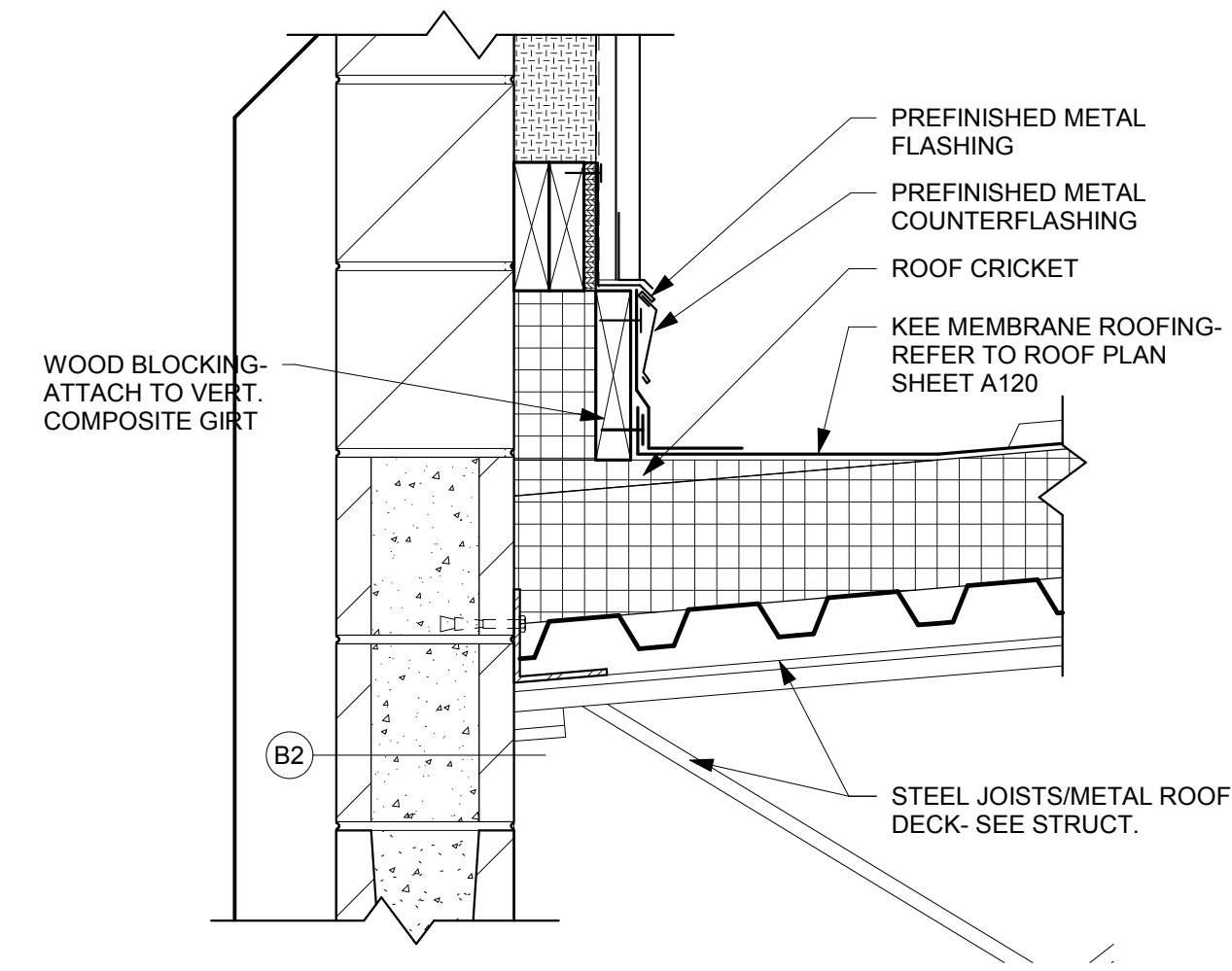
**12** WALL DETAIL  
1 1/2" = 1'-0"



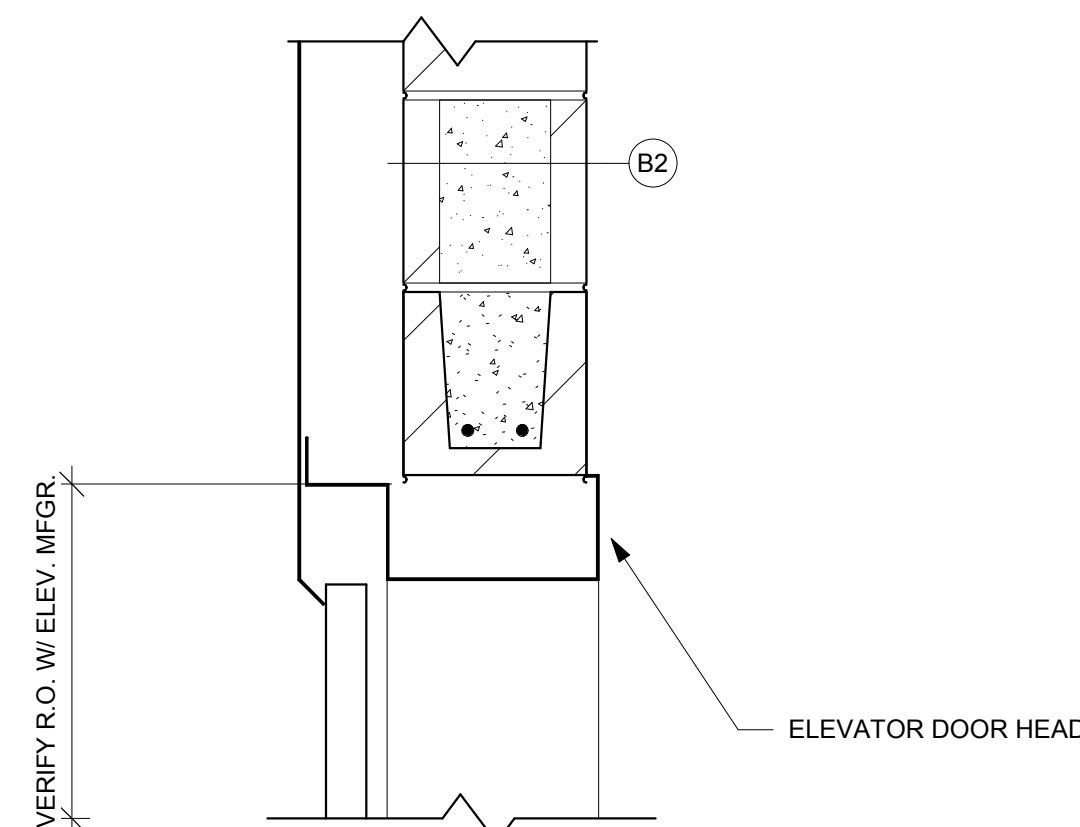
**8** ELEVATOR DOOR HEAD  
1 1/2" = 1'-0"



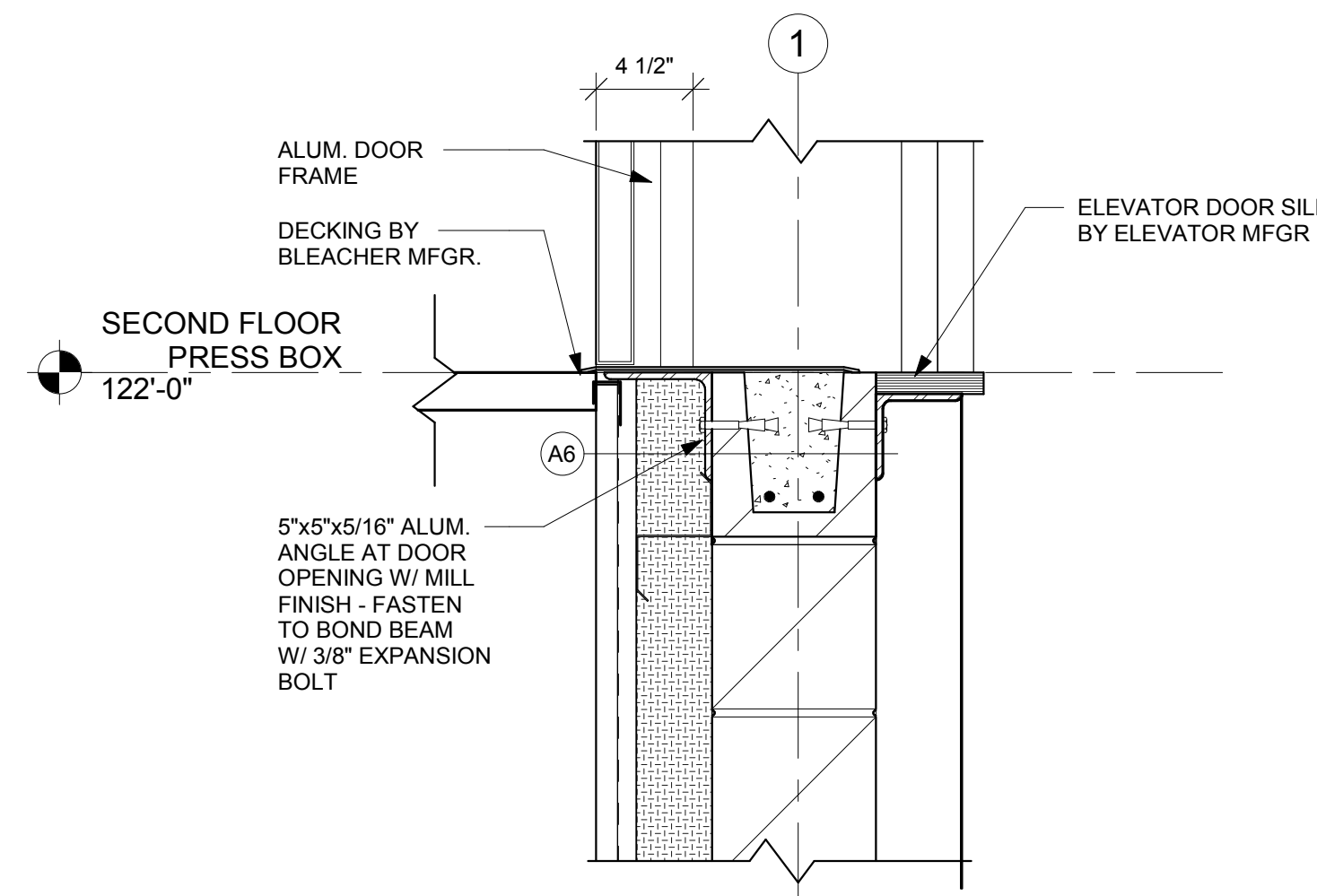
**4** WINDOW HEAD DETAIL  
1 1/2" = 1'-0"



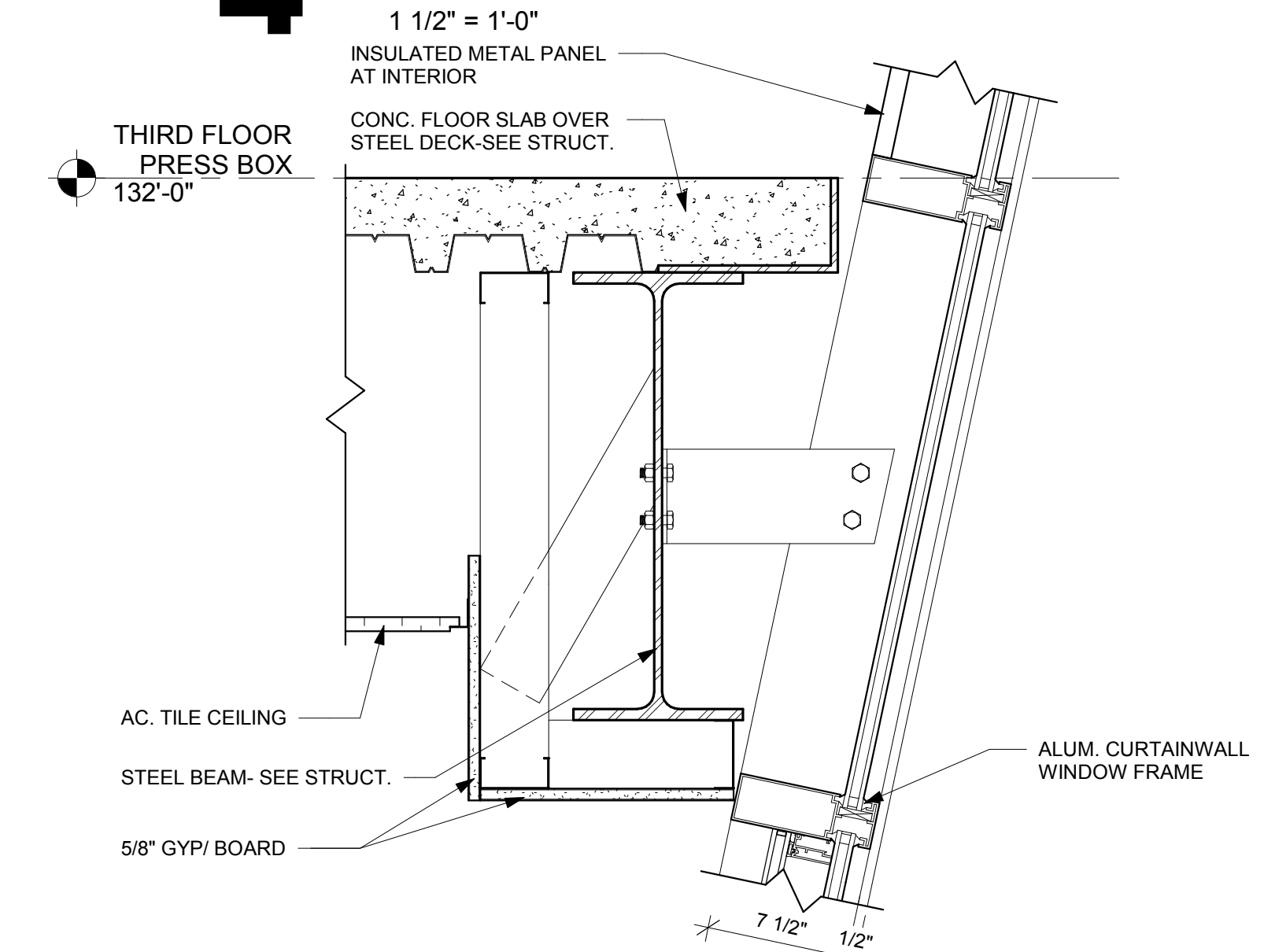
**15** ROOF DETAIL  
1 1/2" = 1'-0"



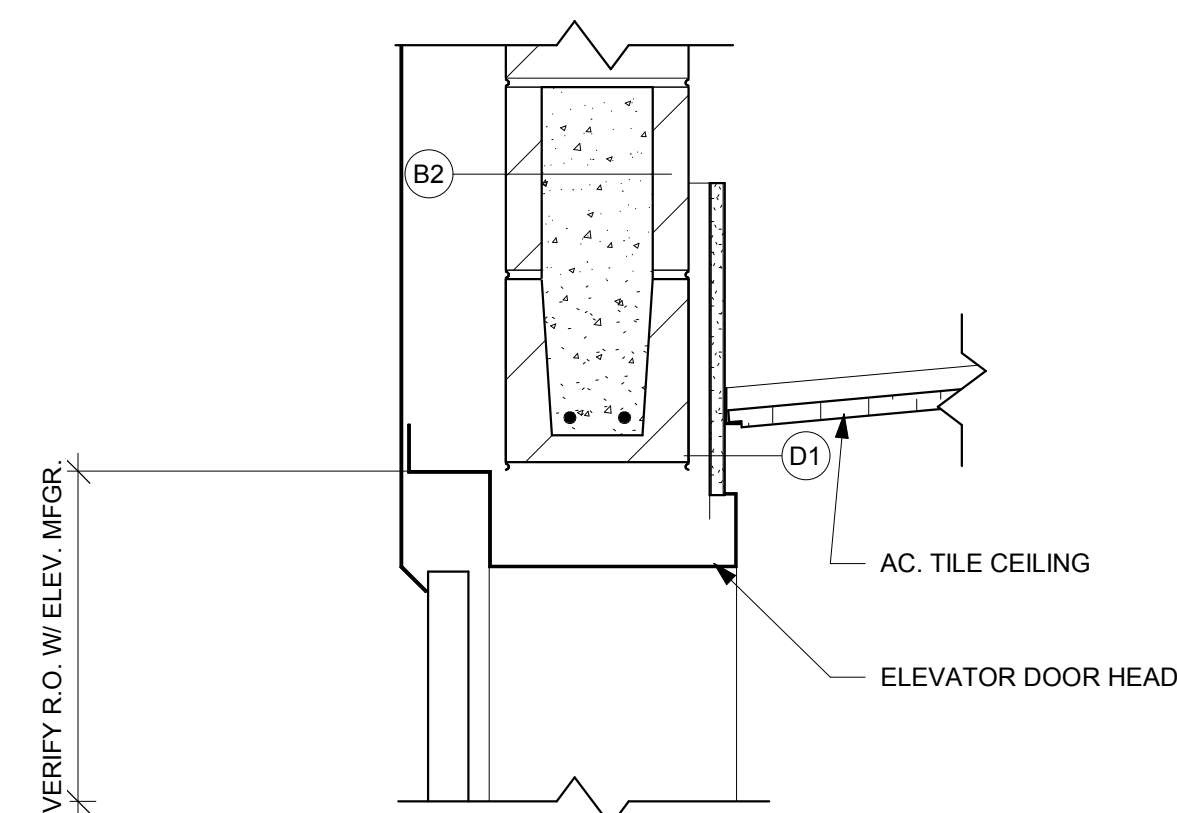
**11** ELEVATOR DOOR HEAD  
1 1/2" = 1'-0"



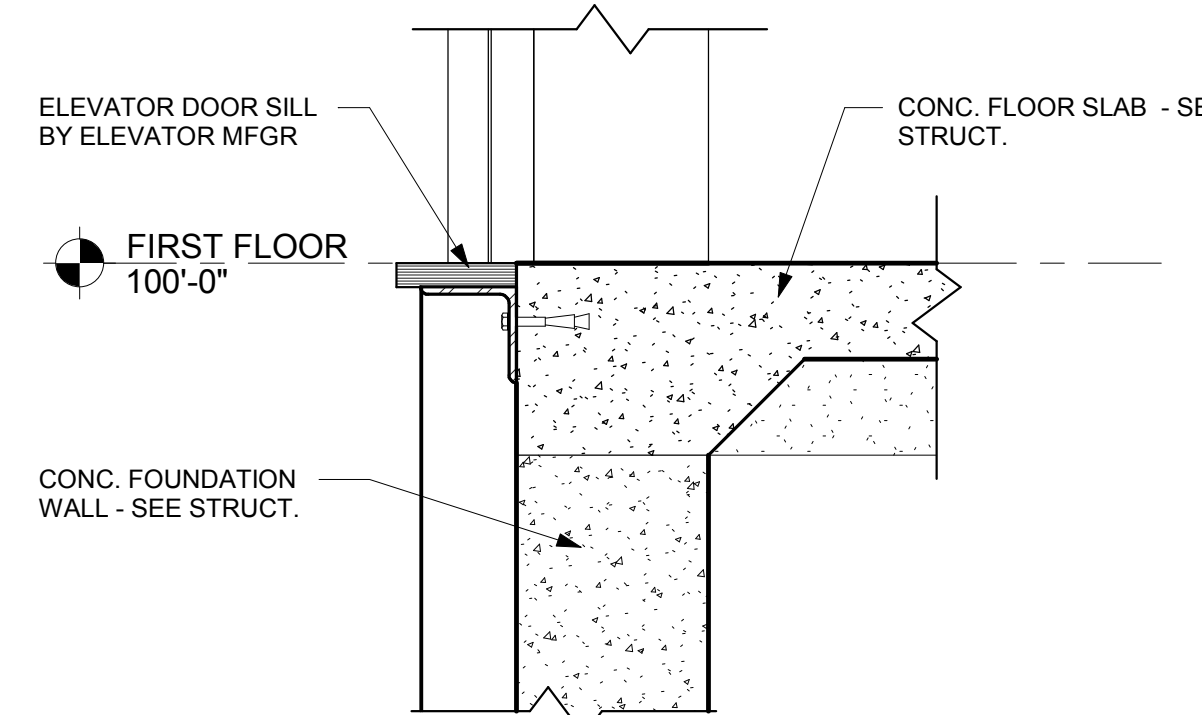
**7** ELEVATOR DOOR SILL  
1 1/2" = 1'-0"



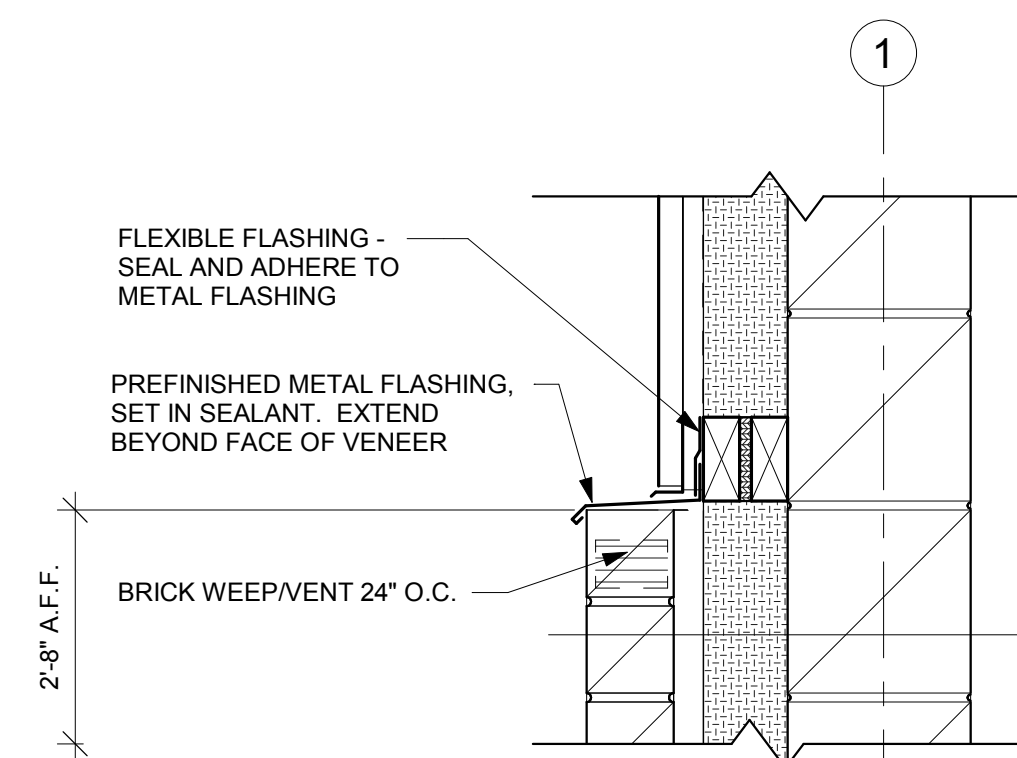
**3** WINDOW/FLOOR DETAIL  
1 1/2" = 1'-0"



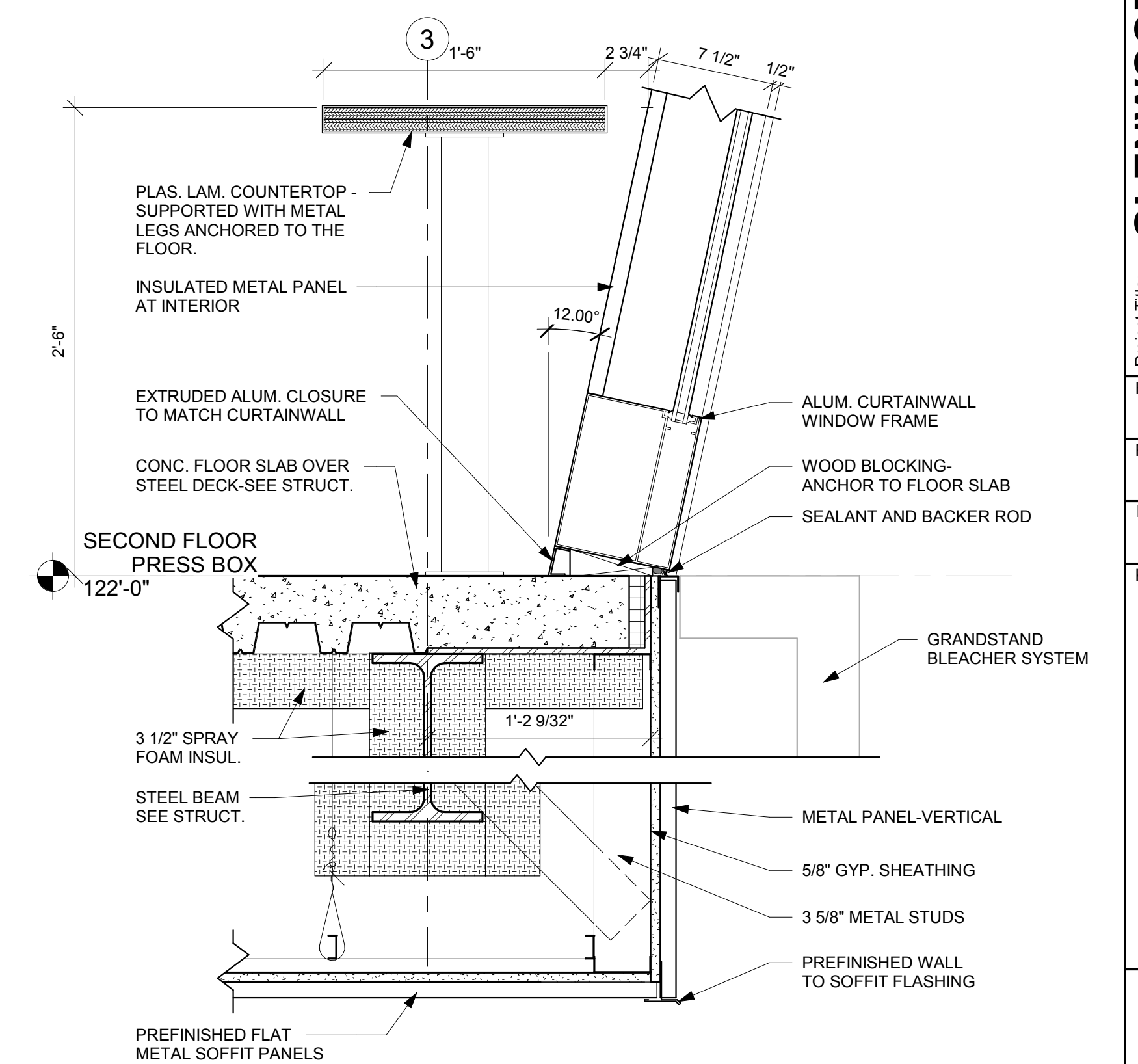
**14** ELEVATOR DOOR HEAD  
1 1/2" = 1'-0"



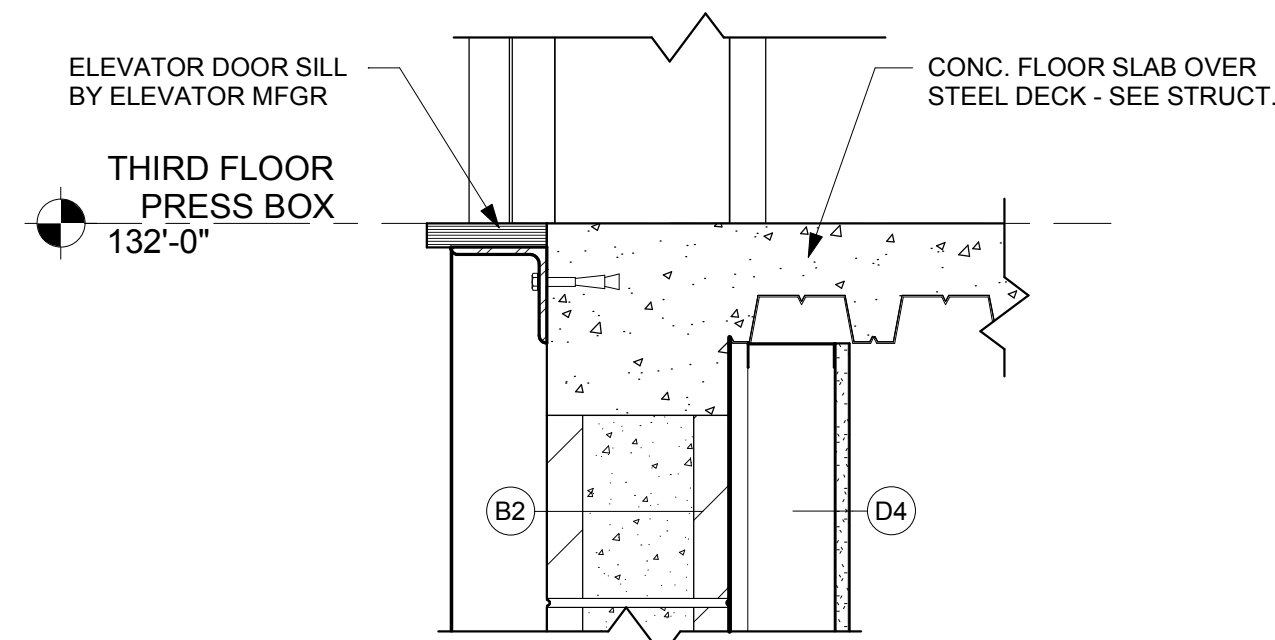
**10** ELEVATOR DOOR SILL  
1 1/2" = 1'-0"



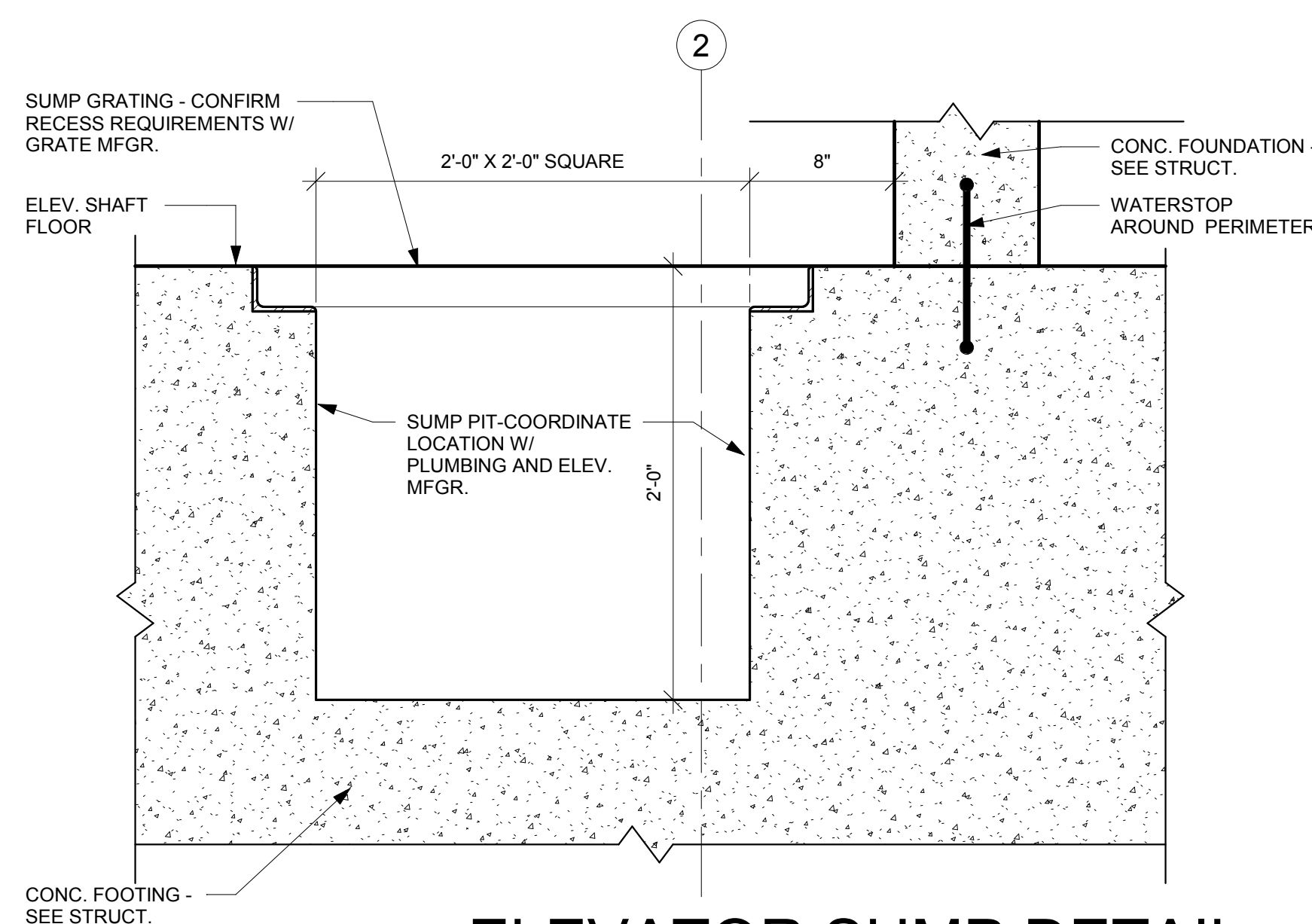
**6** WALL DETAIL  
1 1/2" = 1'-0"



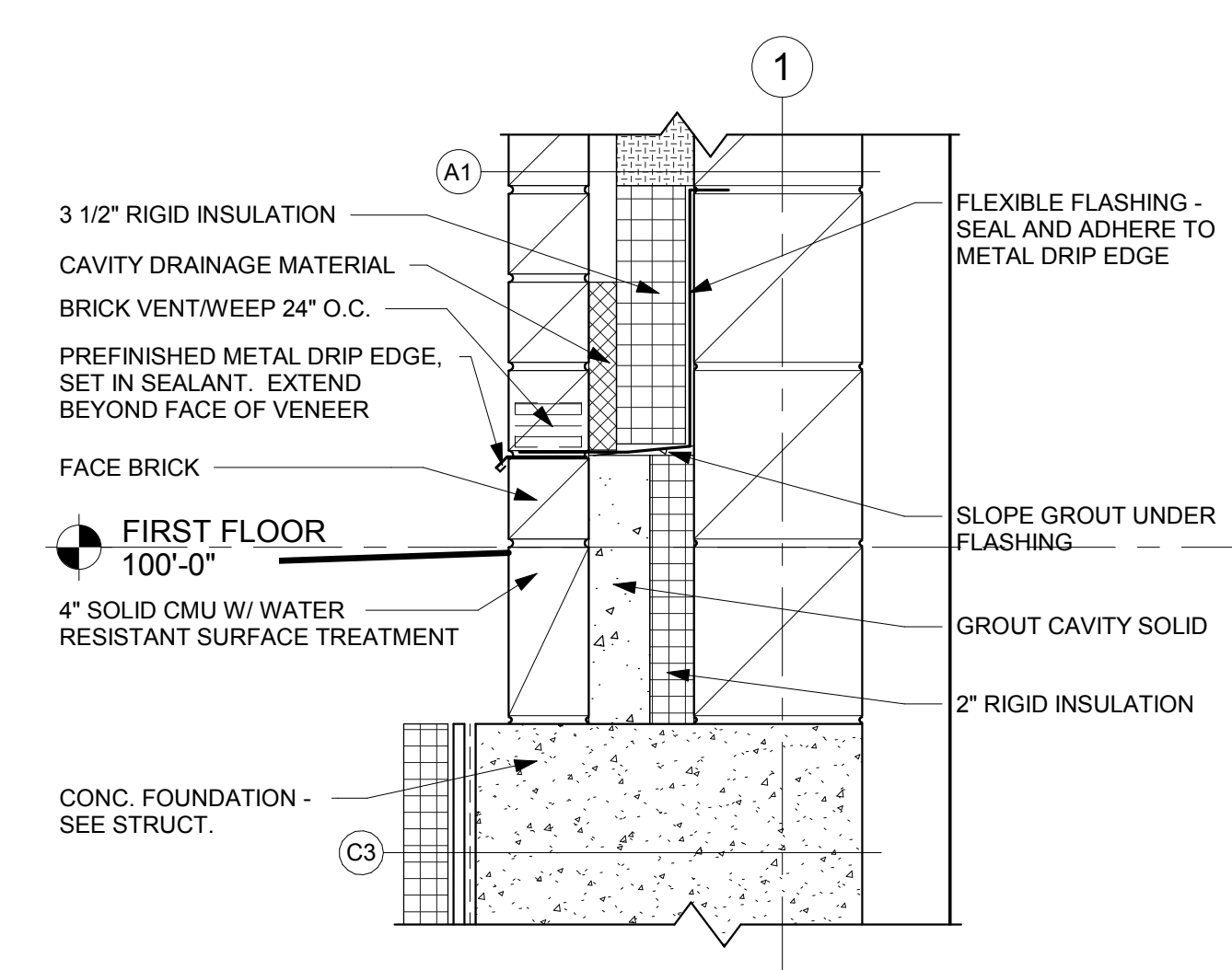
**2** WINDOW SILL DETAIL  
1 1/2" = 1'-0"



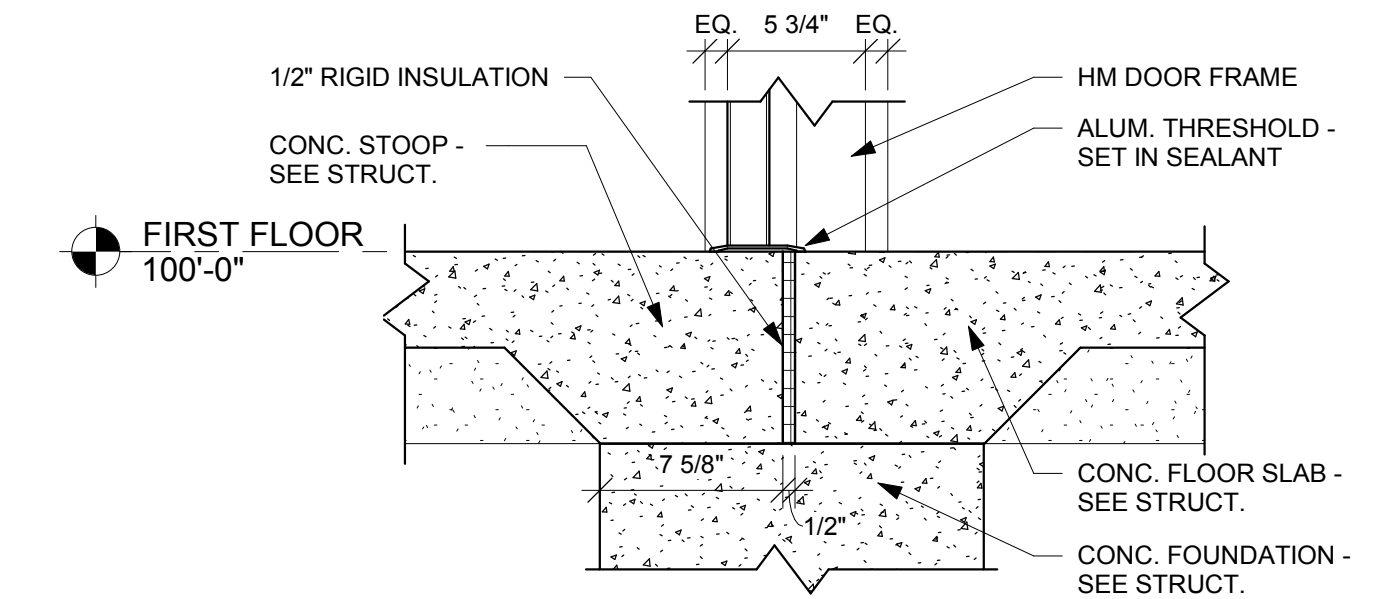
**13** ELEVATOR DOOR SILL  
1 1/2" = 1'-0"



**9** ELEVATOR SUMP DETAIL  
1 1/2" = 1'-0"



**5** WALL DETAIL  
1 1/2" = 1'-0"



**1** DOOR SILL DETAIL  
1 1/2" = 1'-0"





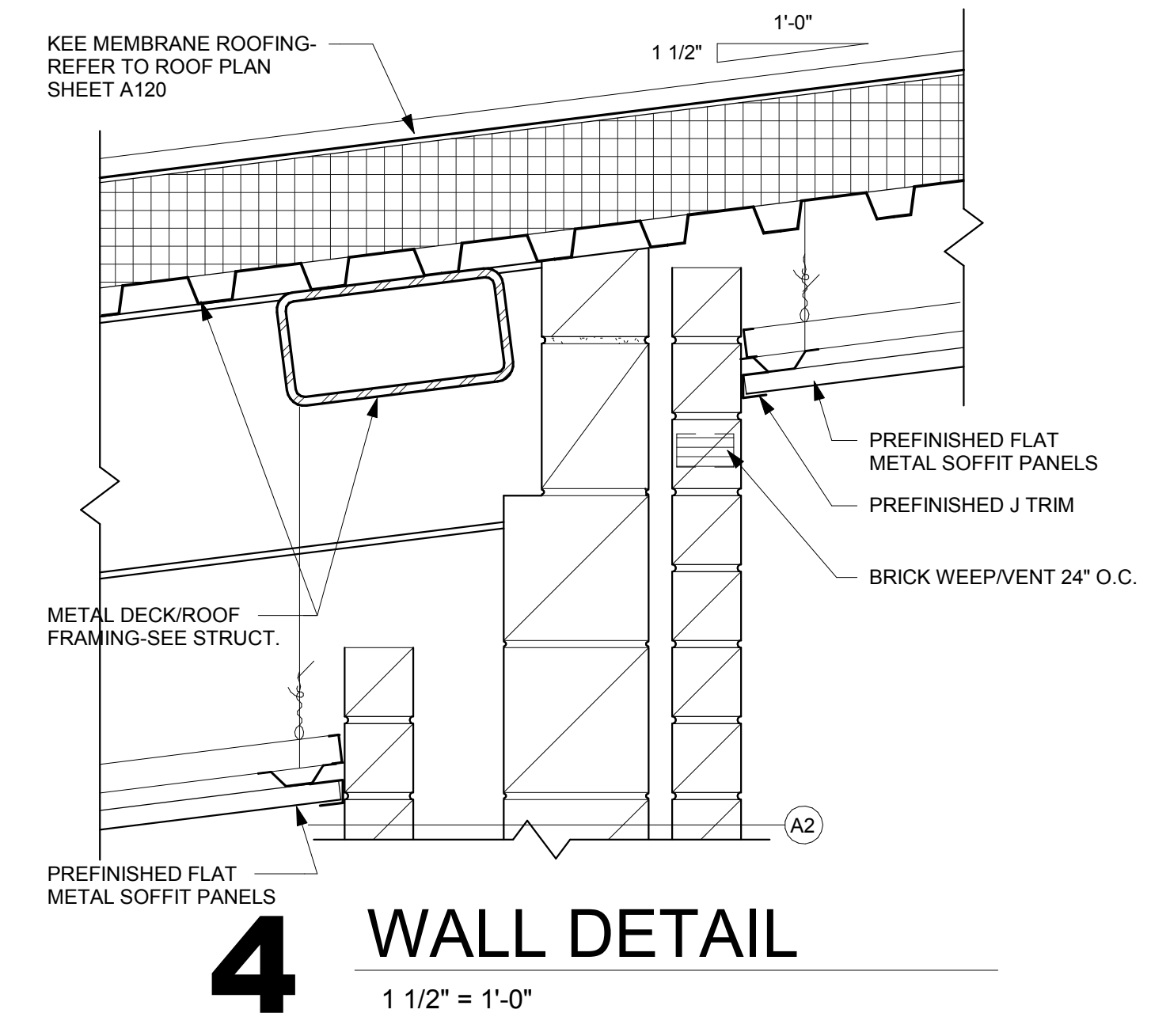
Consultant:

GLENWOOD COMMUNITY SCHOOL DISTRICT  
 ATHLETIC COMPLEX IMPROVEMENTS - BID PACK #2  
 Project Location: 400 SIVERS RD.  
 GLENWOOD, IA 51534  
 Project Title:  
 HSR Project Number:  
 18005  
 Project Date:  
 SEPTEMBER 2018  
 Drawn By:  
 JTD  
 Key Plan:  
 Revisions:  

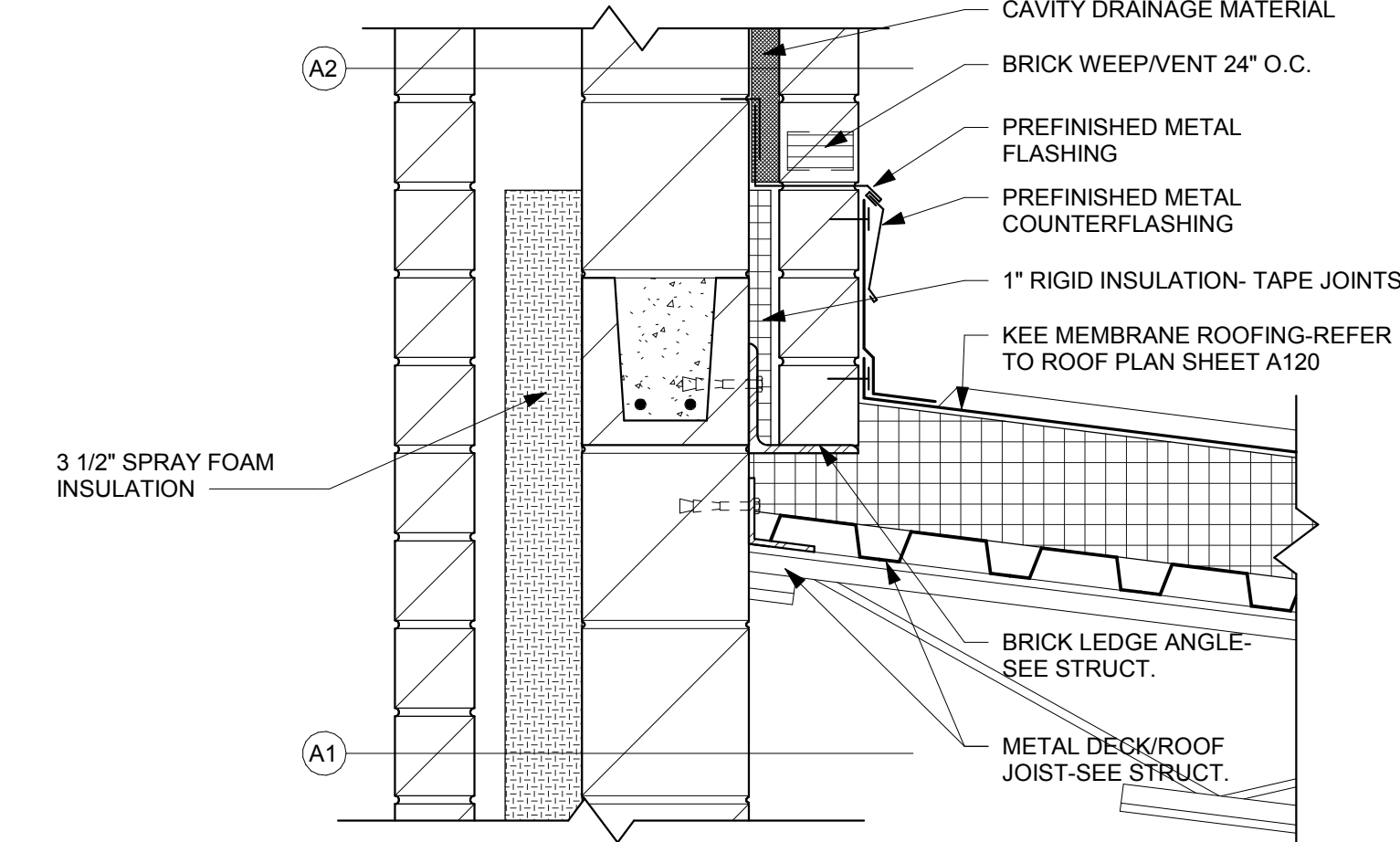
No.	Description	Date
A1	ADDENDUM #1	10/3/2018

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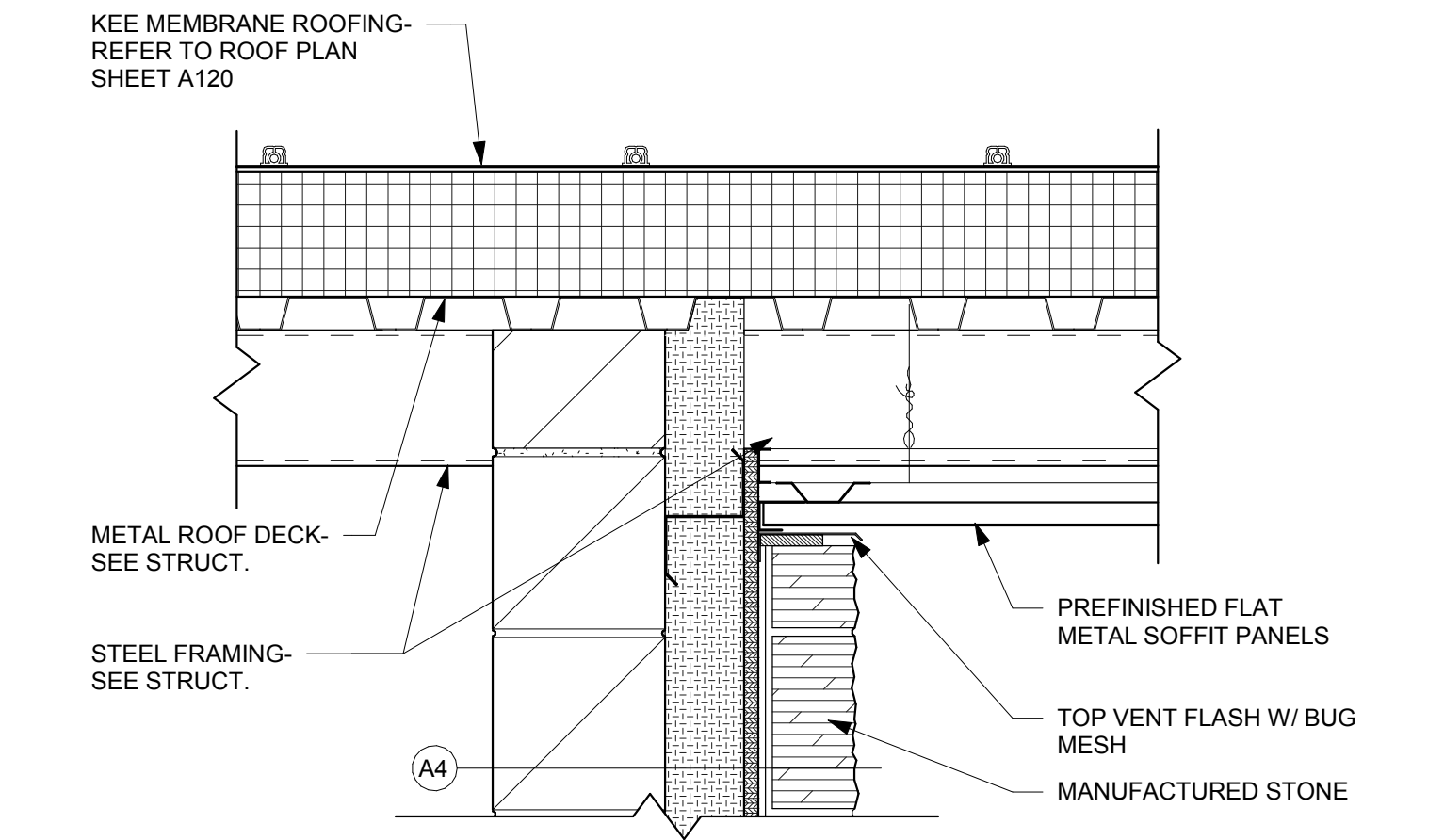
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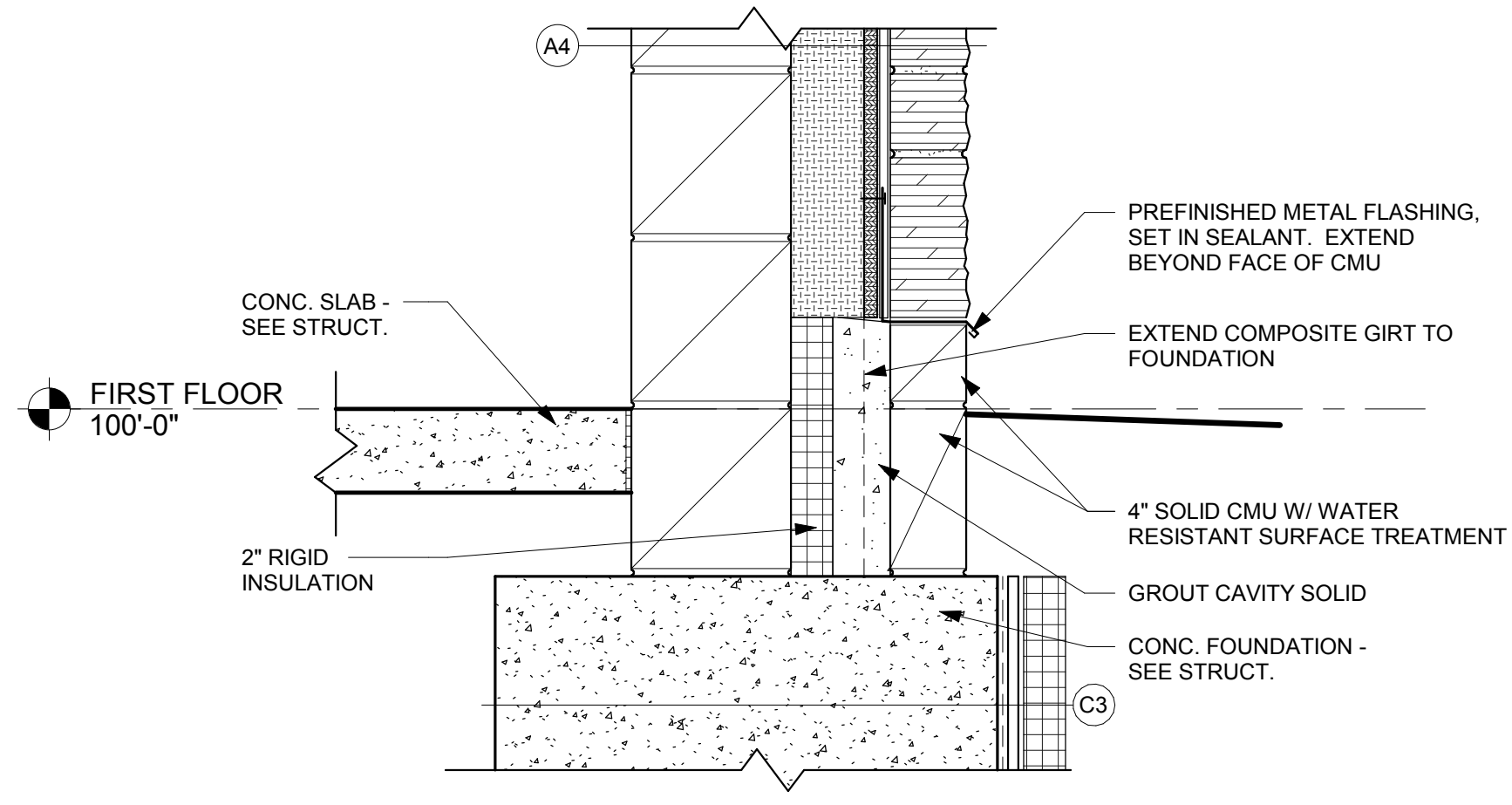
**4** WALL DETAIL  
1 1/2" = 1'-0"



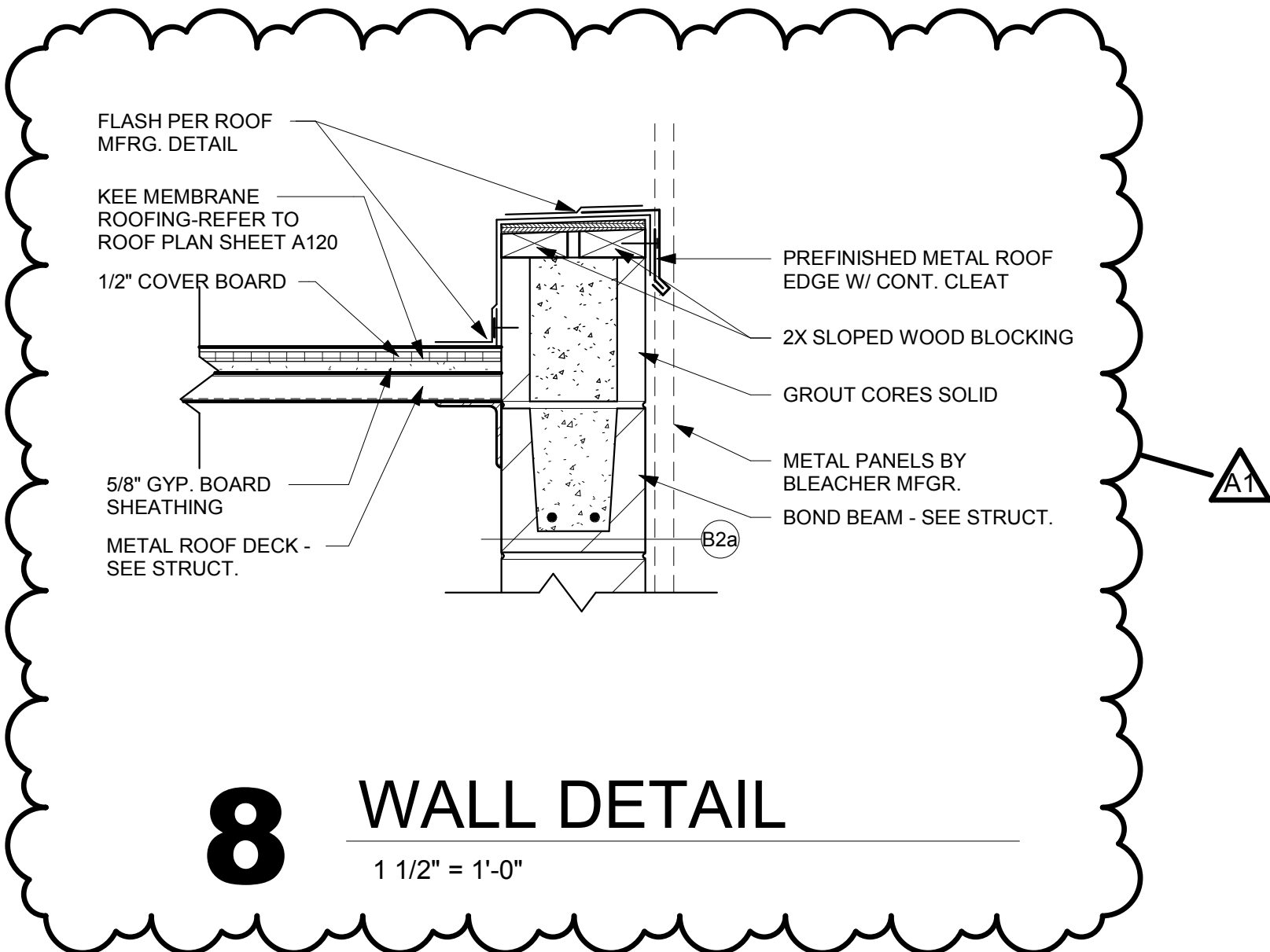
**3** WALL DETAIL  
1 1/2" = 1'-0"



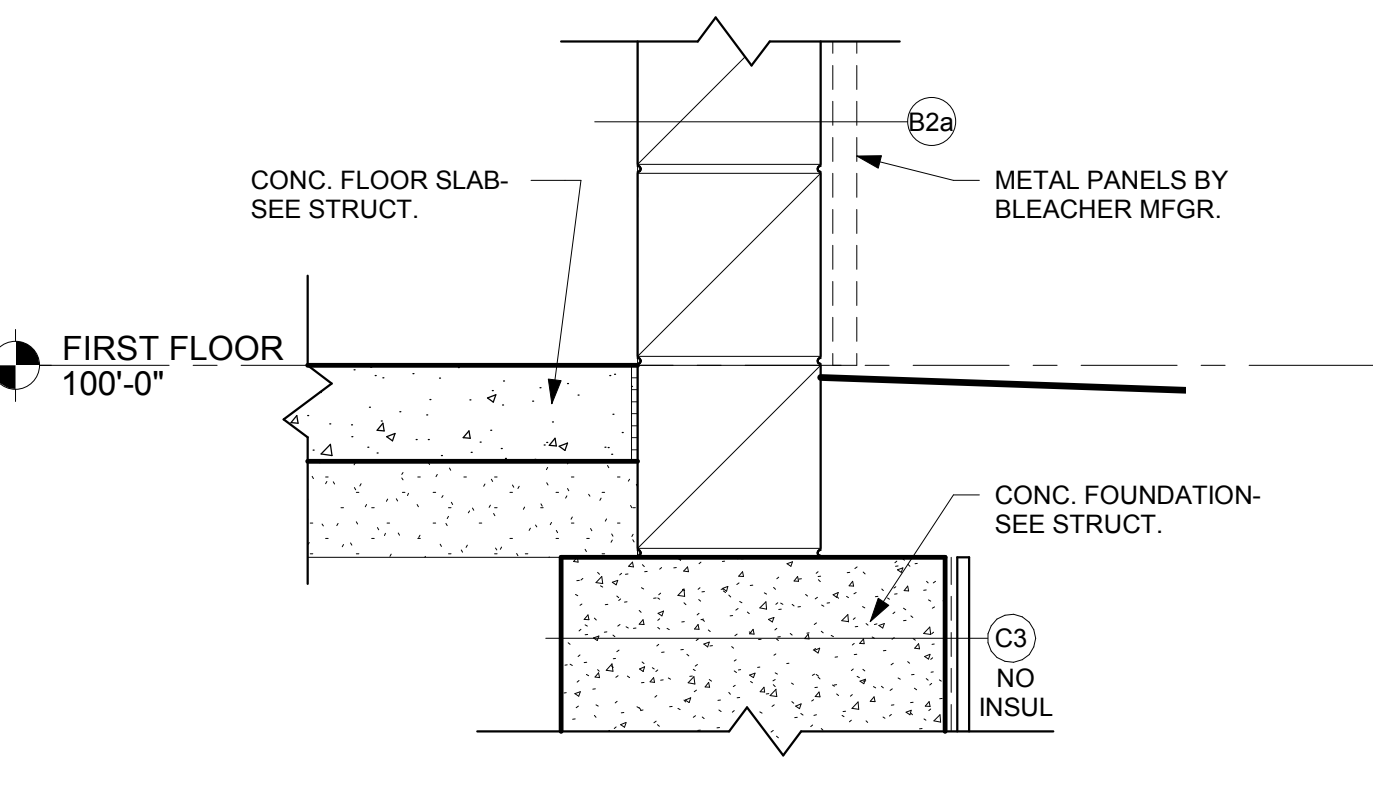
**2** WALL DETAIL  
1 1/2" = 1'-0"



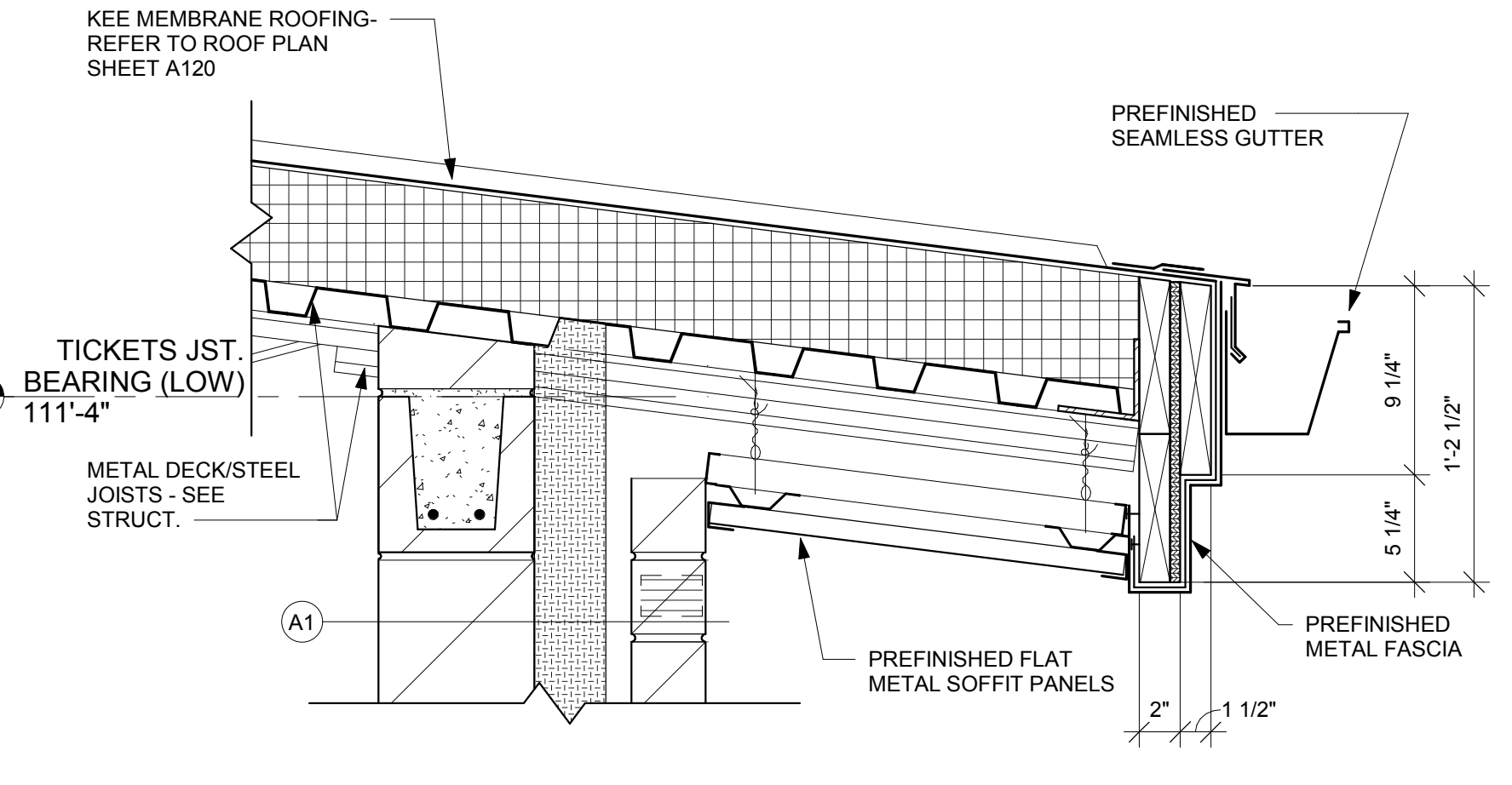
**1** WALL DETAIL  
1 1/2" = 1'-0"



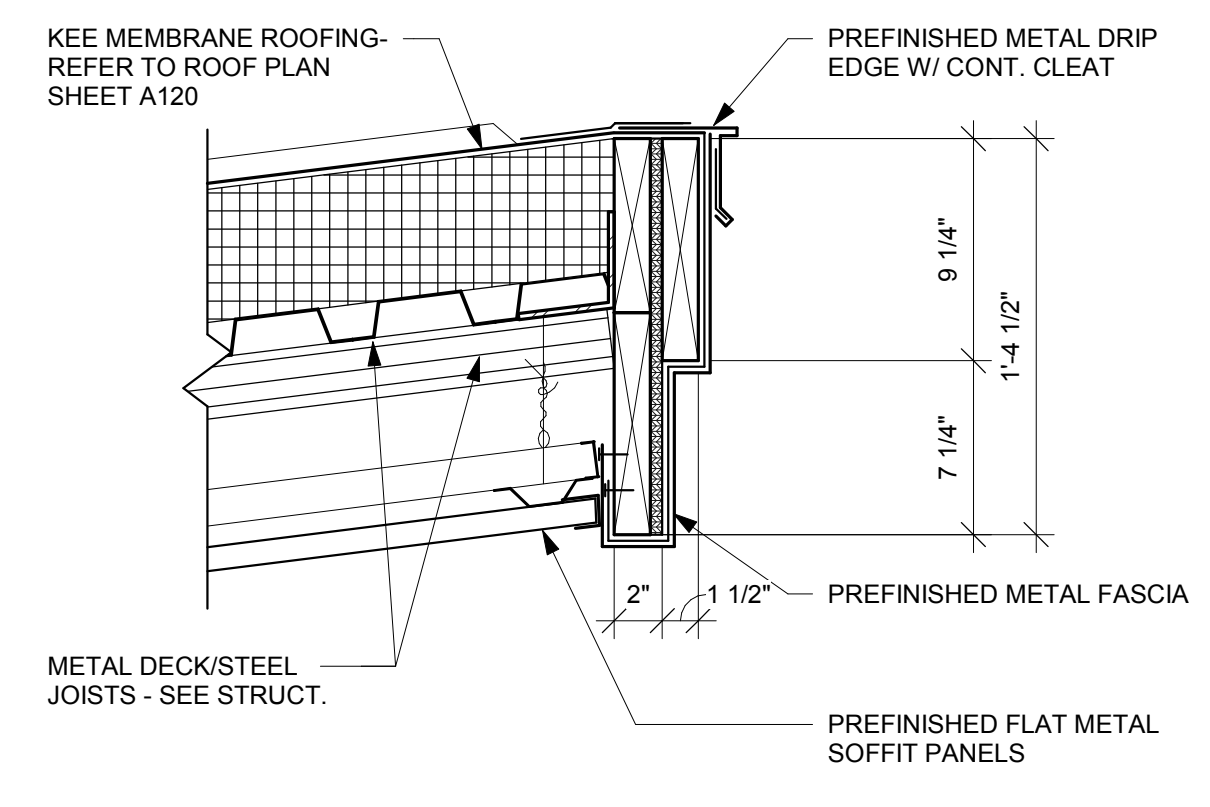
**8** WALL DETAIL  
1 1/2" = 1'-0"



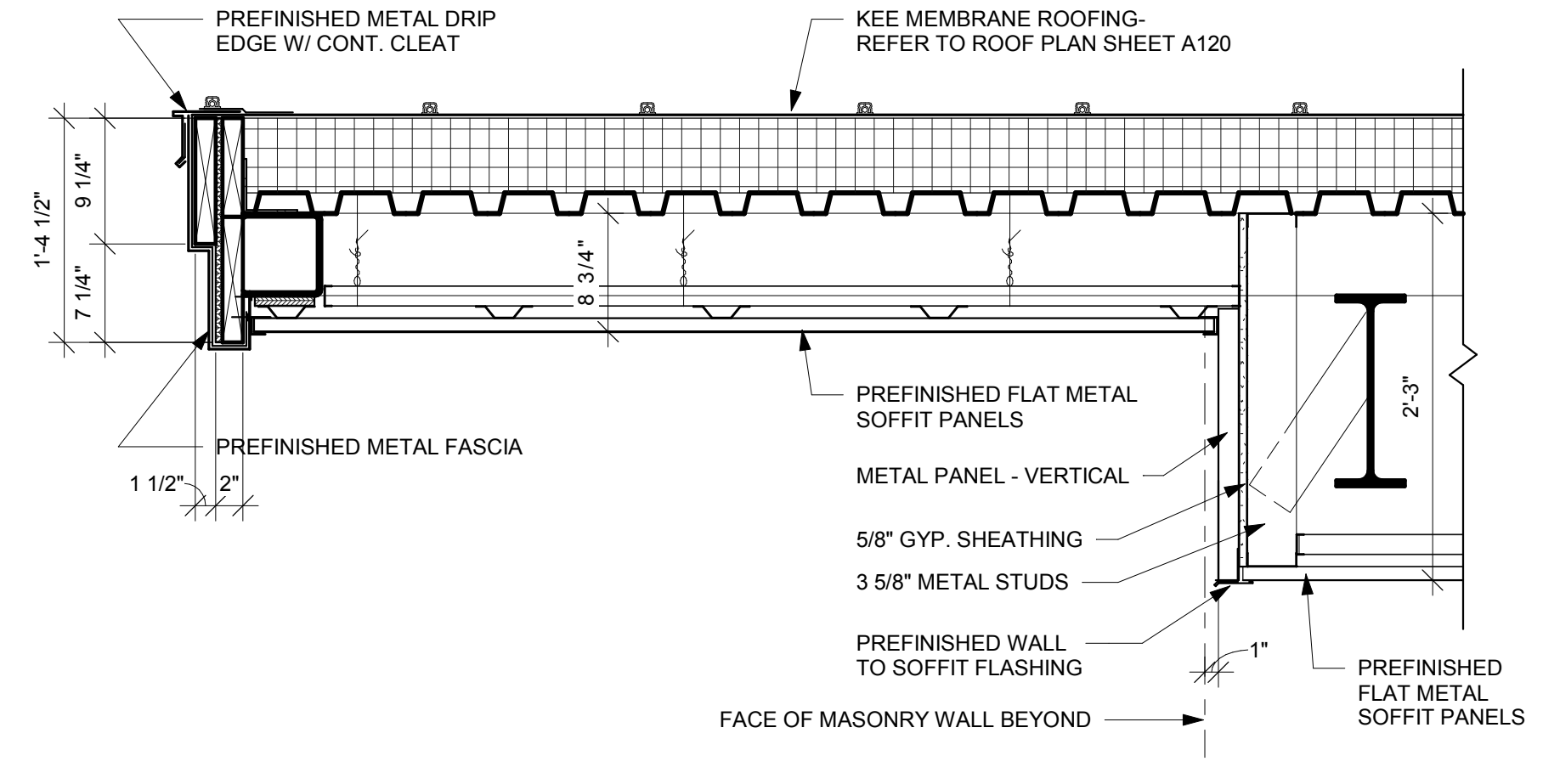
**7** WALL DETAIL  
1 1/2" = 1'-0"



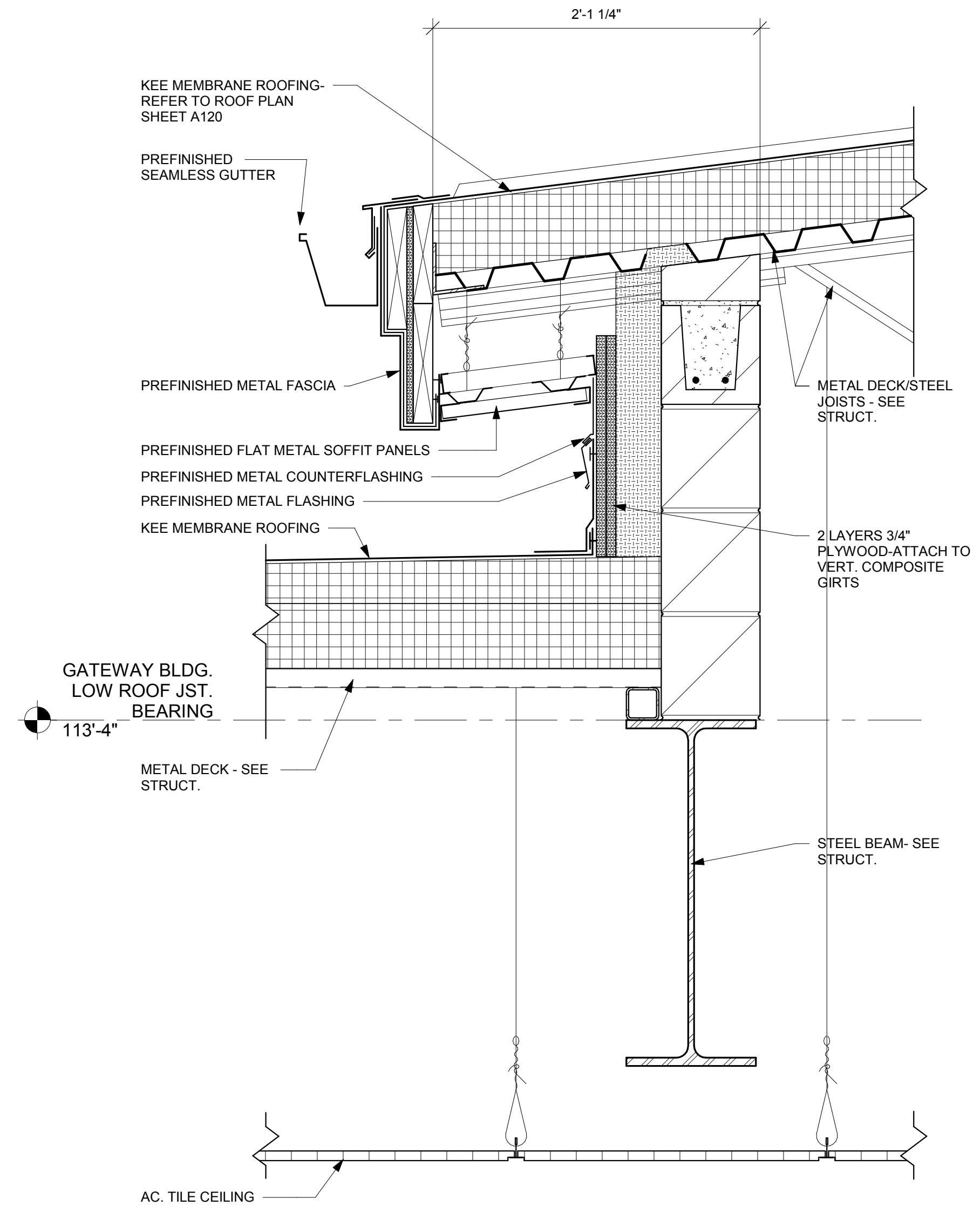
**6** ROOF DETAIL  
1 1/2" = 1'-0"



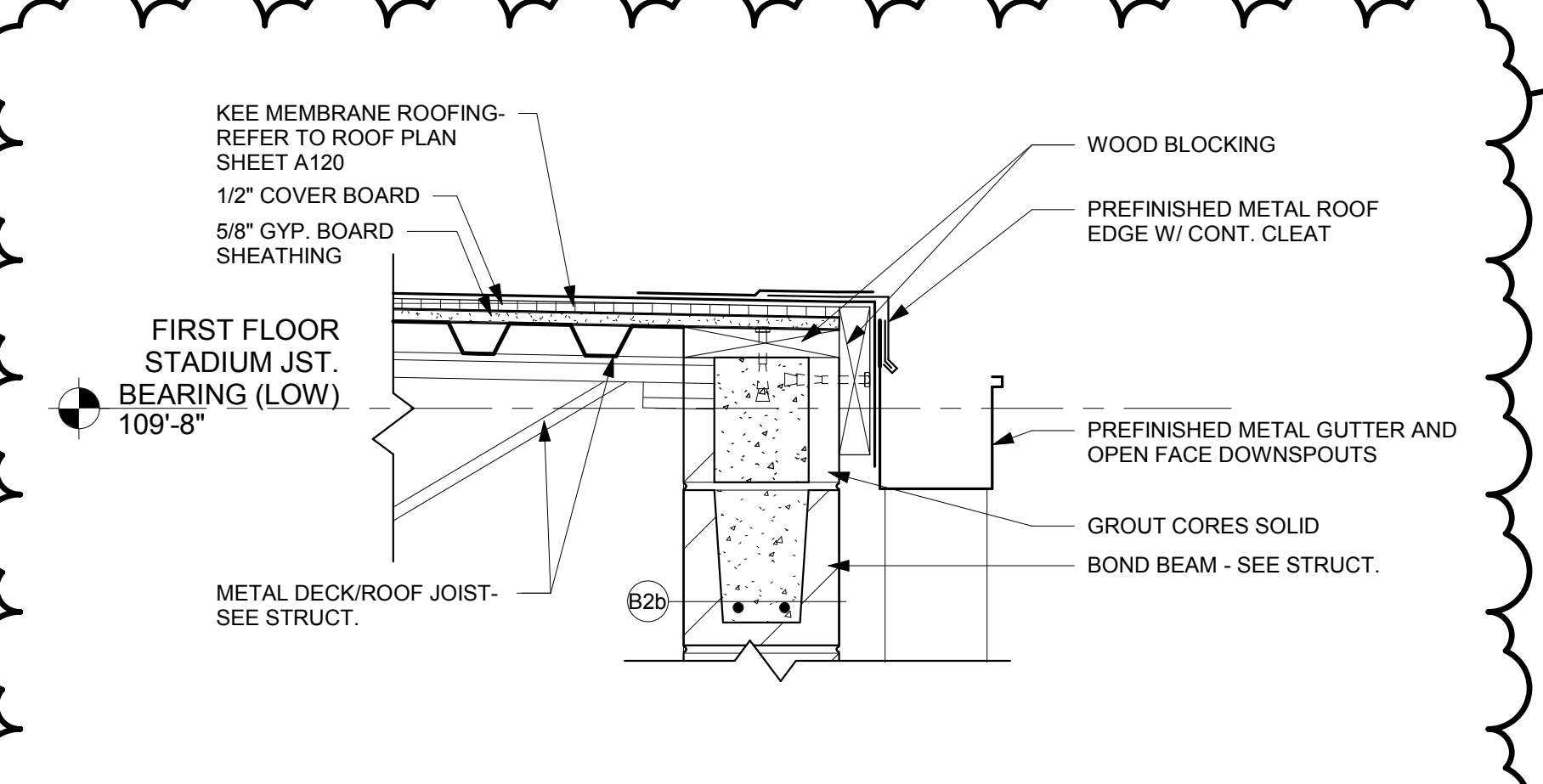
**5** ROOF DETAIL  
1 1/2" = 1'-0"



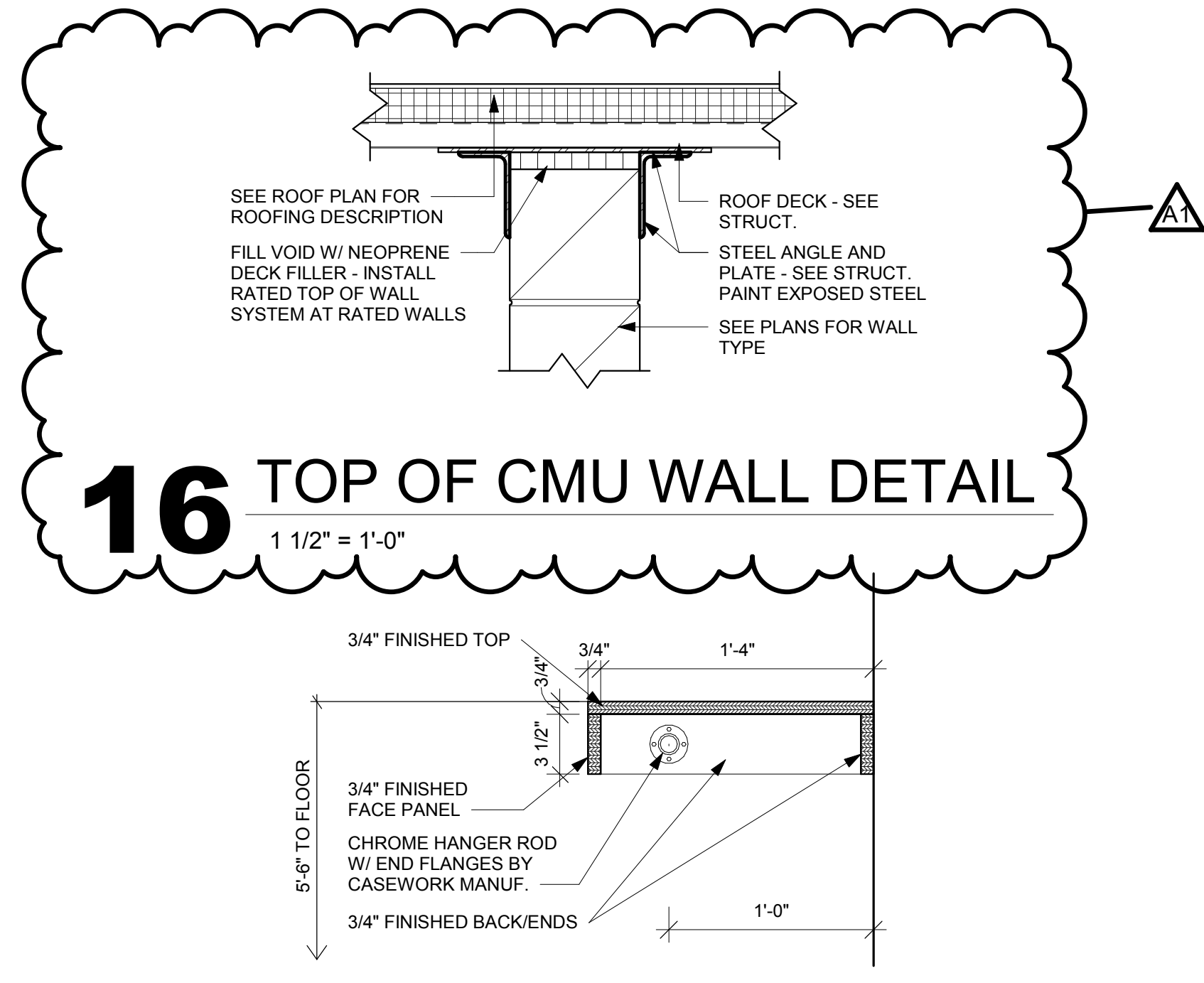
**11** ROOF DETAIL  
1" = 1'-0"



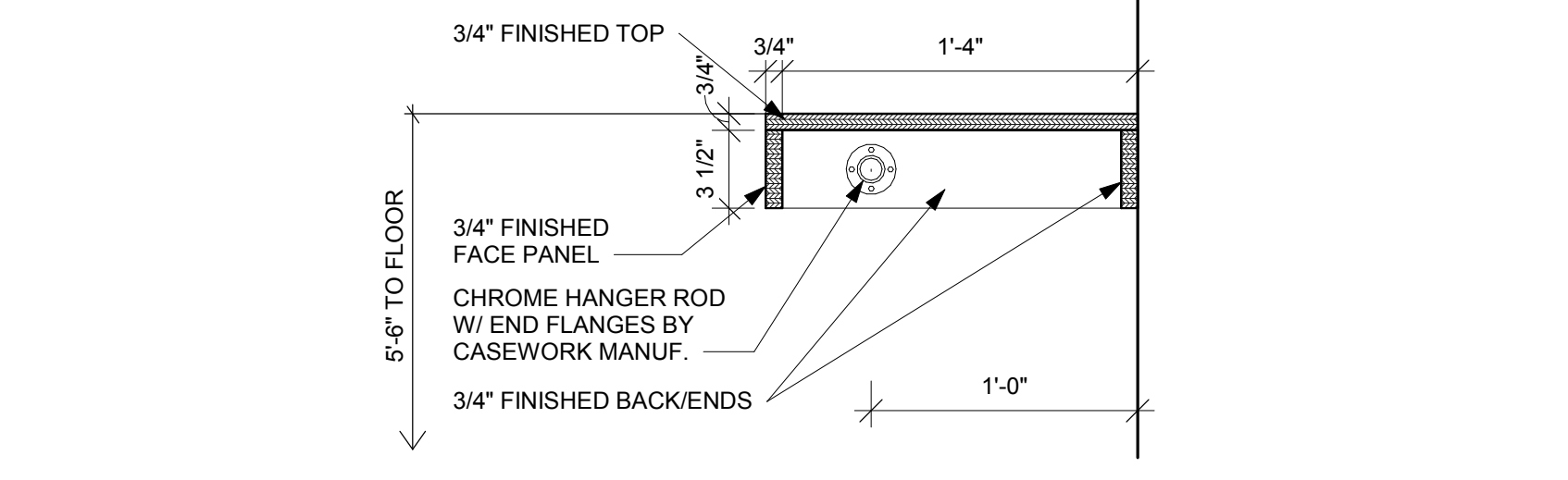
**10** WALL DETAIL  
1 1/2" = 1'-0"



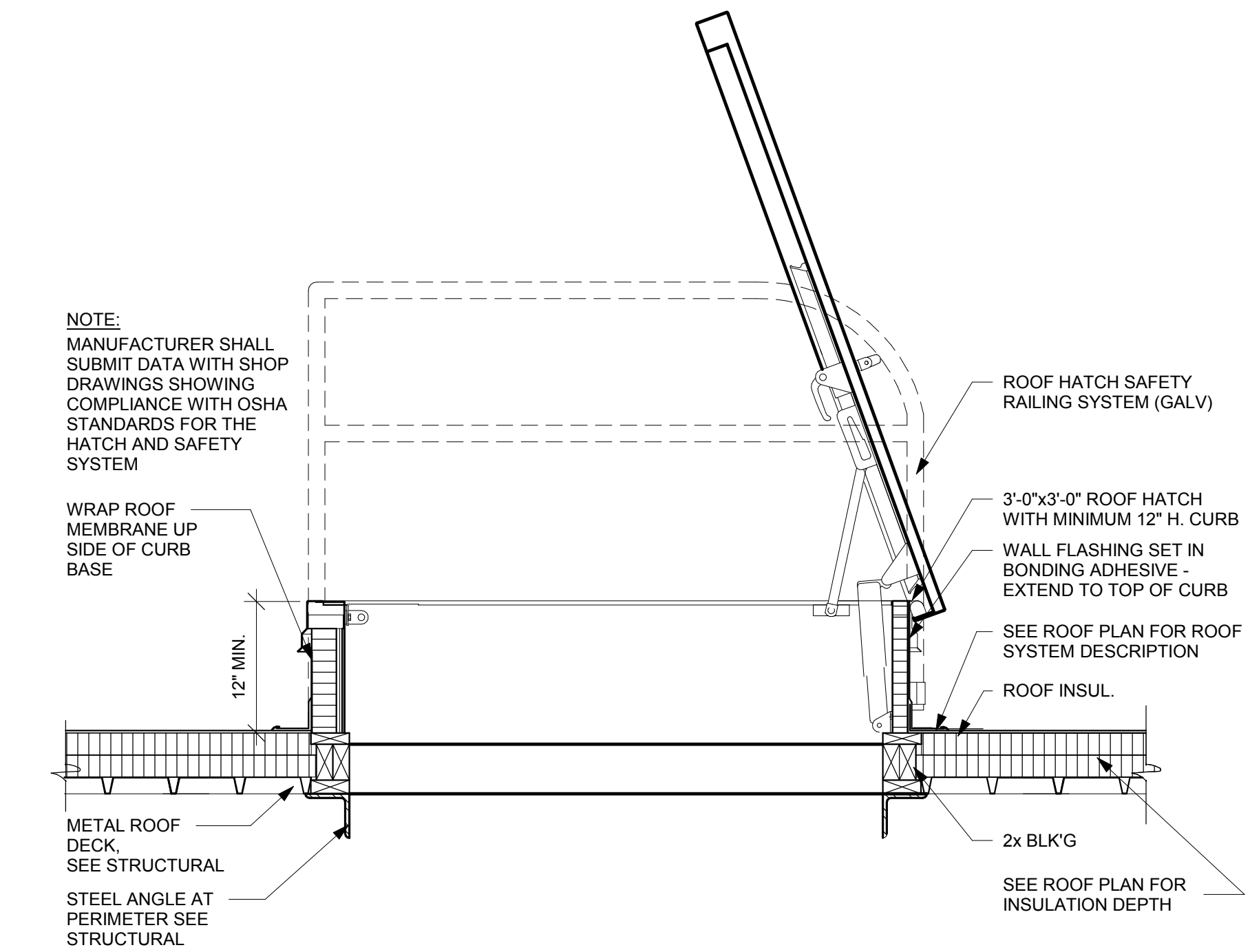
**9** WALL DETAIL  
1 1/2" = 1'-0"



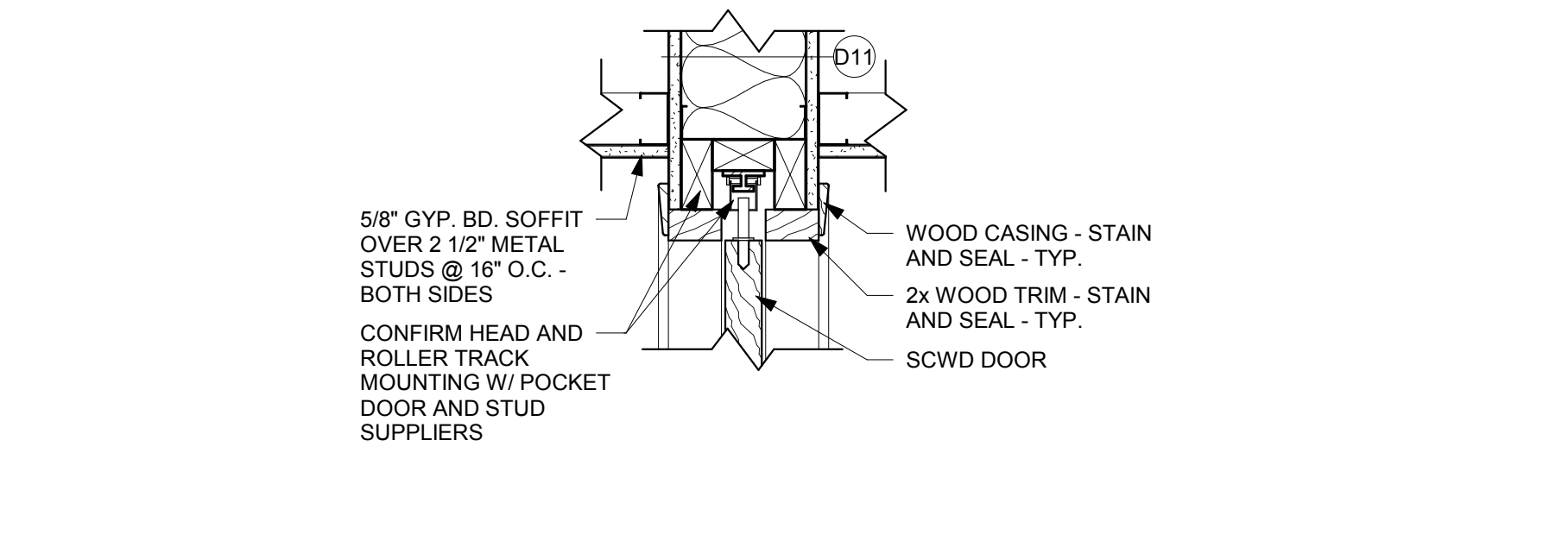
**16** TOP OF CMU WALL DETAIL  
1 1/2" = 1'-0"



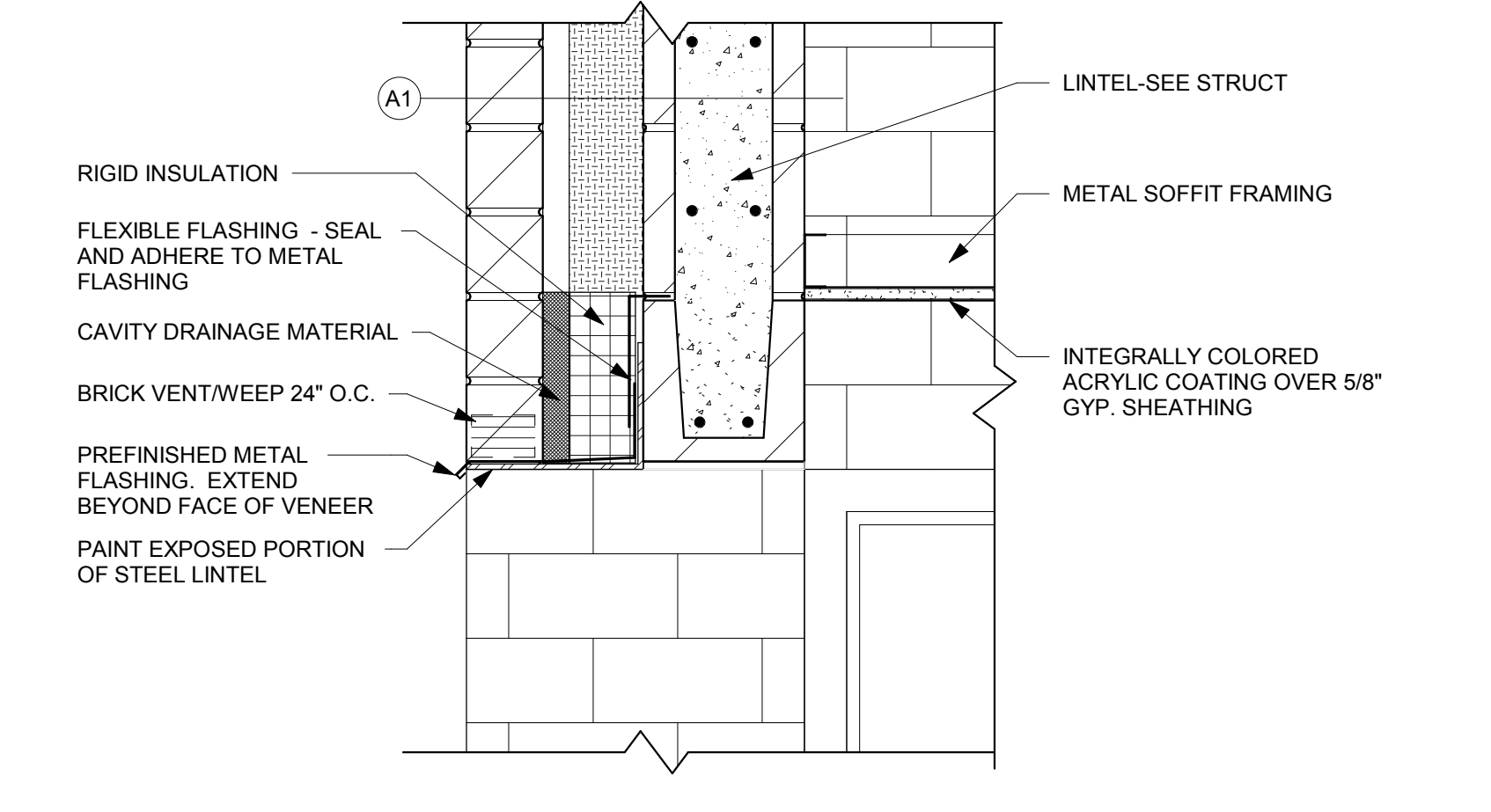
**15** SHELF AND CLOTHES ROD  
1 1/2" = 1'-0"



**14** ROOF HATCH CURB DETAIL  
1" = 1'-0"



**13** POCKET DOOR HEAD DETAIL  
1 1/2" = 1'-0"



**12** WALL DETAIL  
1 1/2" = 1'-0"





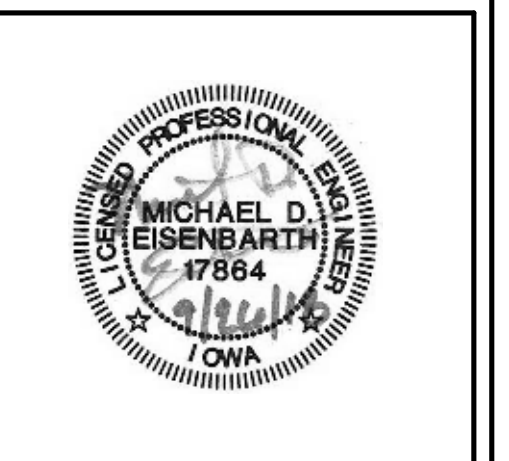
Consultant:

Project No. 18004

Date: 9/26/2018

Drawn By: mwo

Key Plan:

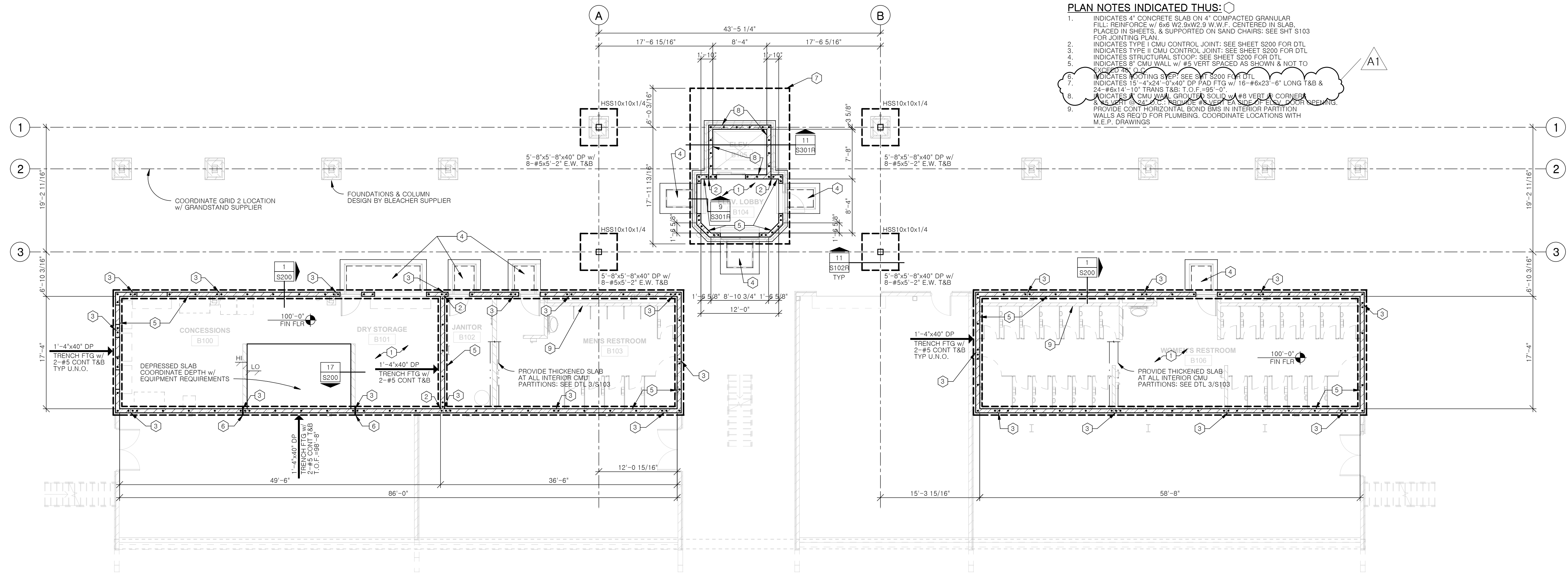


No.	Description	Date
A1	ADDENDUM 1	10/3/2018

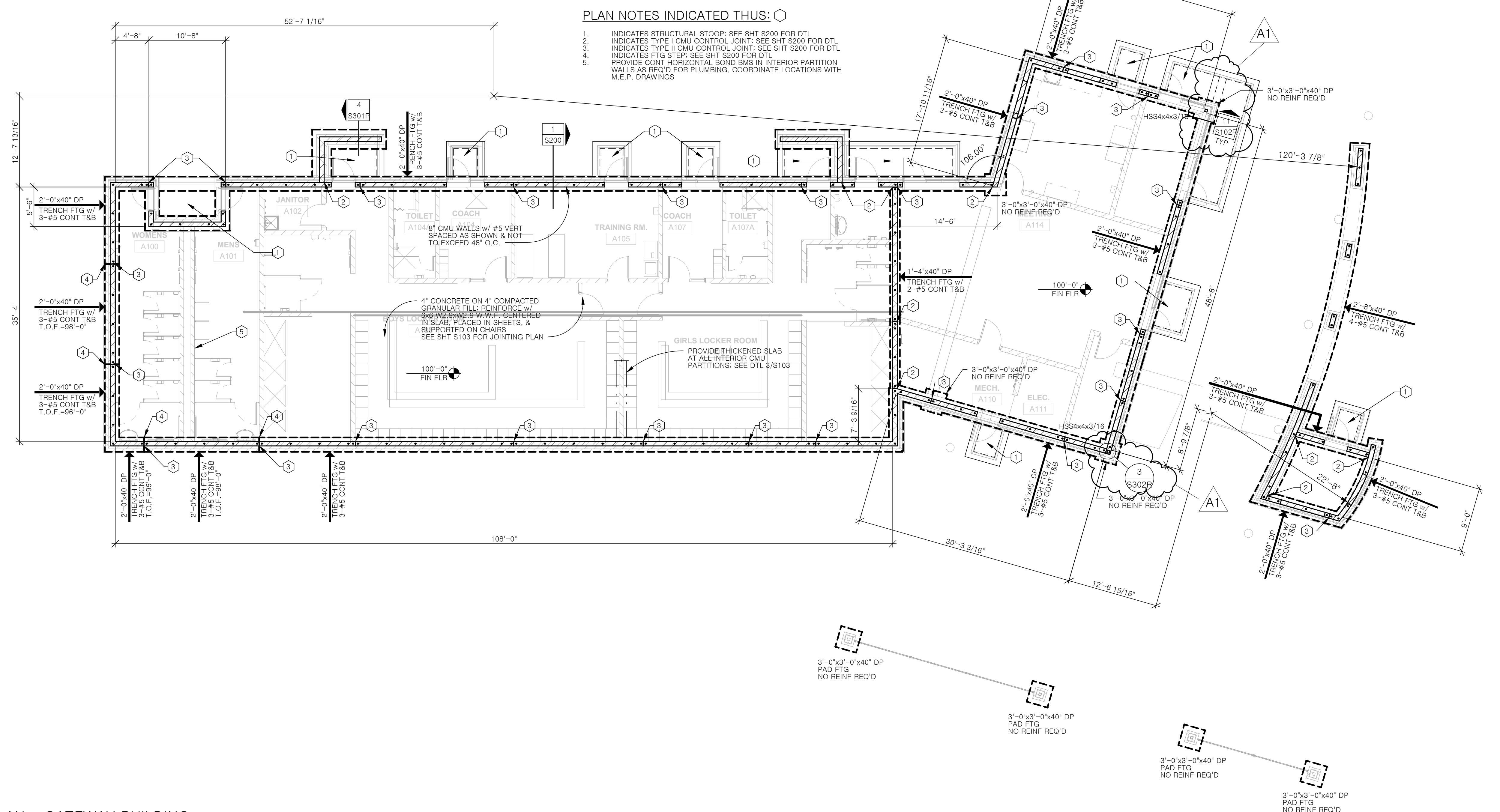
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Last Update: 10/3/2018 10:21:56 AM

**S100R**



② FOUNDATION PLAN - GRANDSTANDS  
1/8" = 1'-0" TOP OF FOOTING ELEVATION = 99'-4" UNLESS NOTED THIS: T.O.F. = XX'-XX"



① FOUNDATION PLAN - GATEWAY BUILDING  
1/8" = 1'-0" TOP OF FOOTING ELEVATION = 99'-4" UNLESS NOTED THIS: T.O.F. = XX'-XX"





Consultant:

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GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS

Project Location: 400 SIVERS RD.  
GLENWOOD, IA 51534

Roof Framing Plans

Project No: 18004

Date: 9/26/2018

Drawn By: mwo

Key Plan:

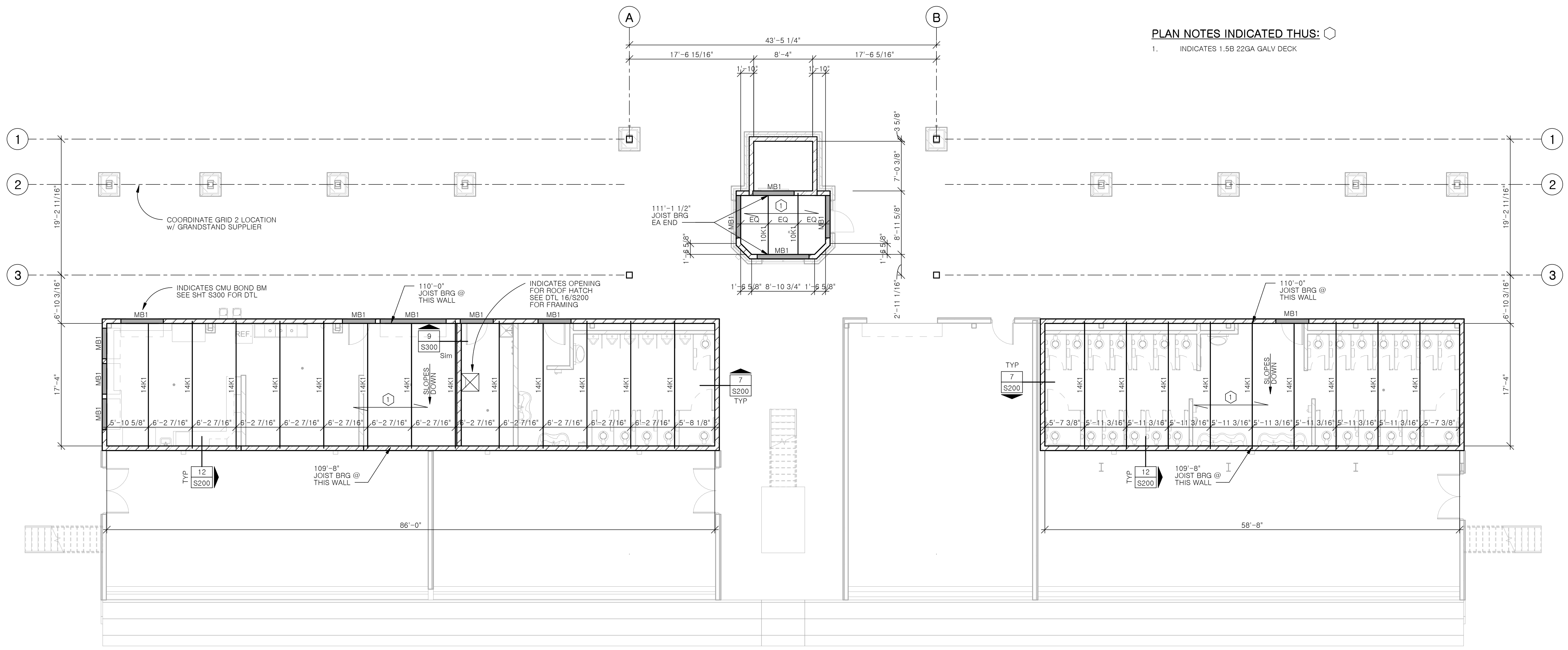


No.	Description	Date
A1	ADDENDUM 1	10/3/2018

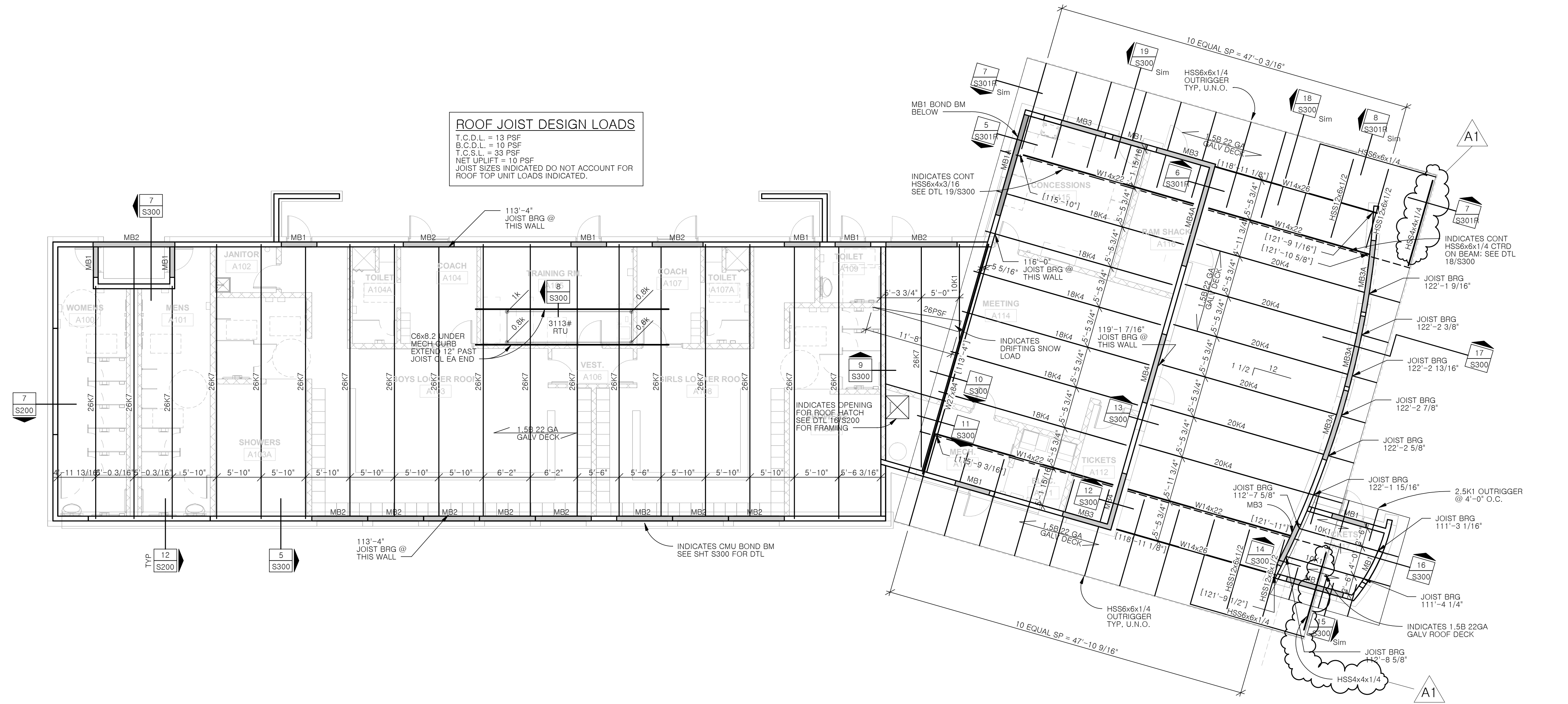
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**S101R**

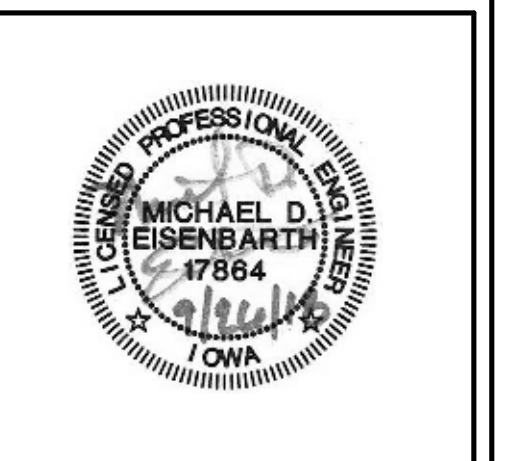


2 LOW ROOF FRAMING PLAN - GRANDSTANDS  
1/8" = 1'-0"



1 ROOF FRAMING PLAN - GATEWAY BUILDING  
1/8" = 1'-0" TOP OF STEEL ELEVATION INDICATED THUS: [XXX'-XX"]; TOP OF STEEL OF SLOPED BEAMS INDICATED AT EACH END THUS: [XXX'-XX"]



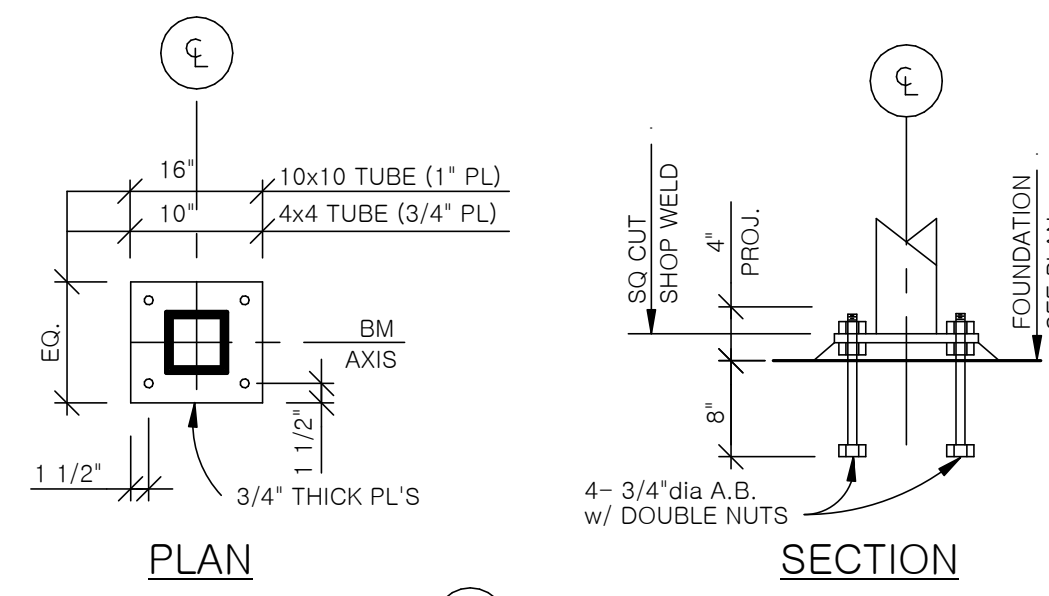


No.	Description	Date
A1	ADDENDUM 1	10/3/2018

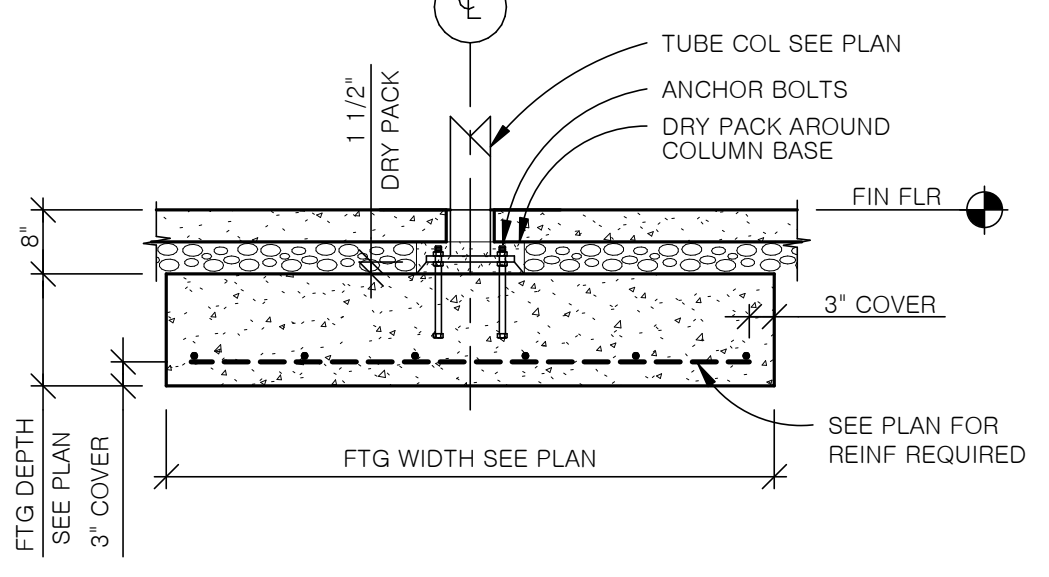
Graphic Scale:  
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Last Update:  
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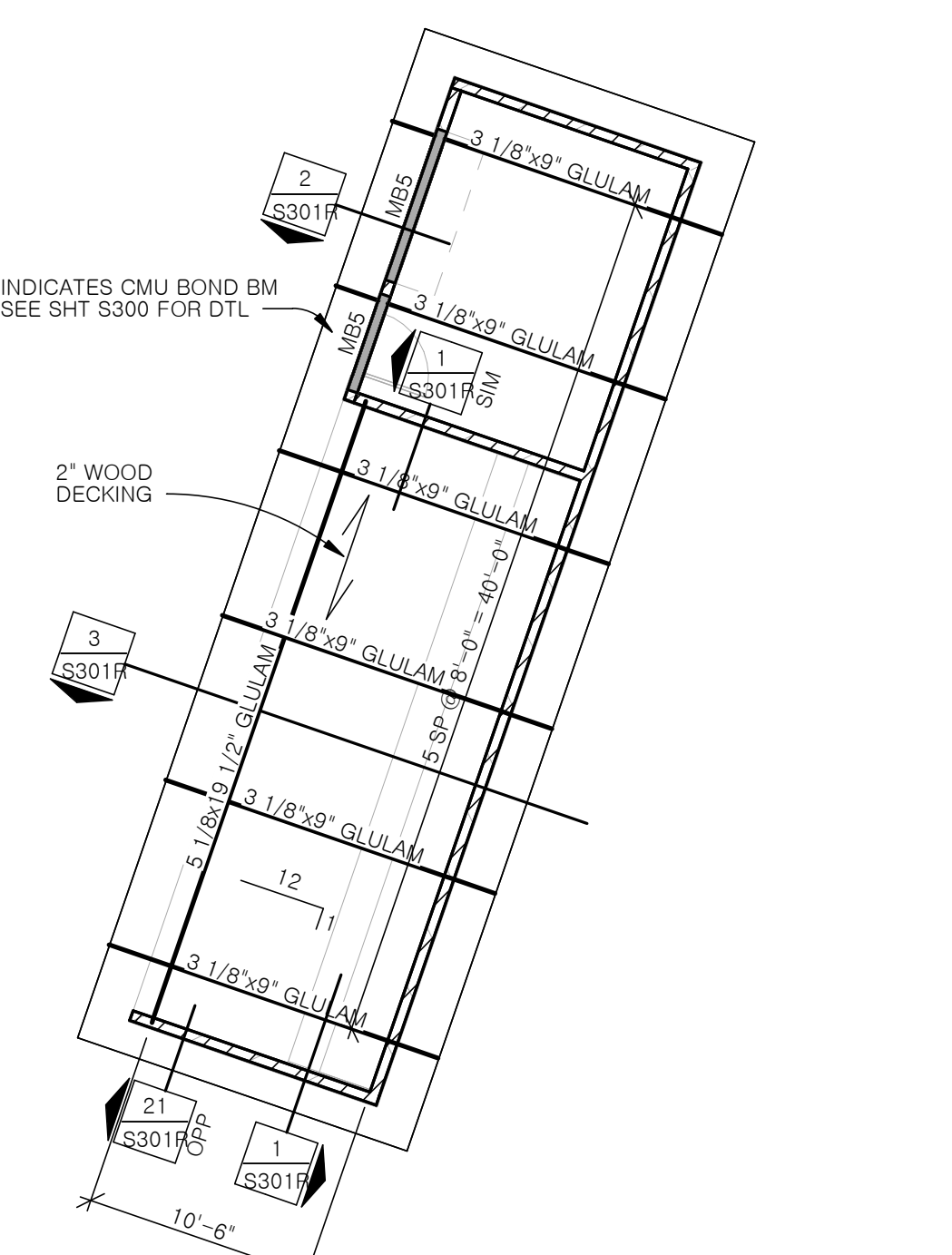
**S102R**



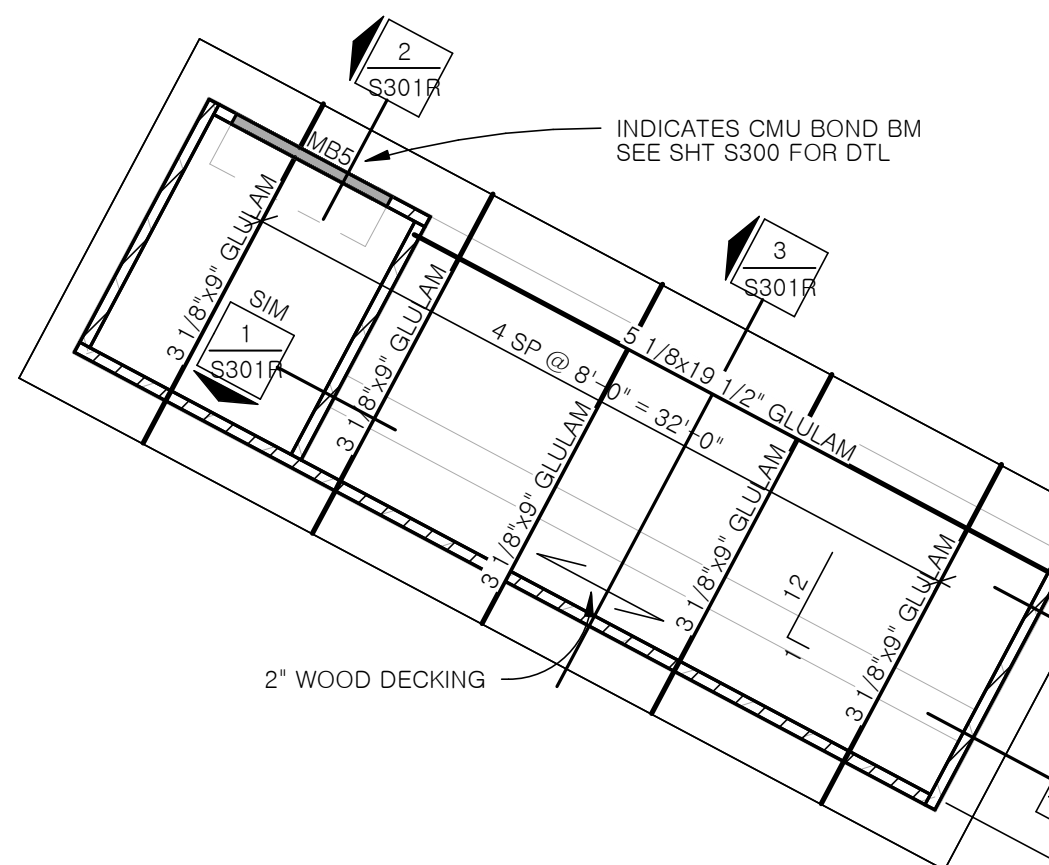
**11 BASE PL & PAD FTG DTL**  
1/2" = 1'-0"



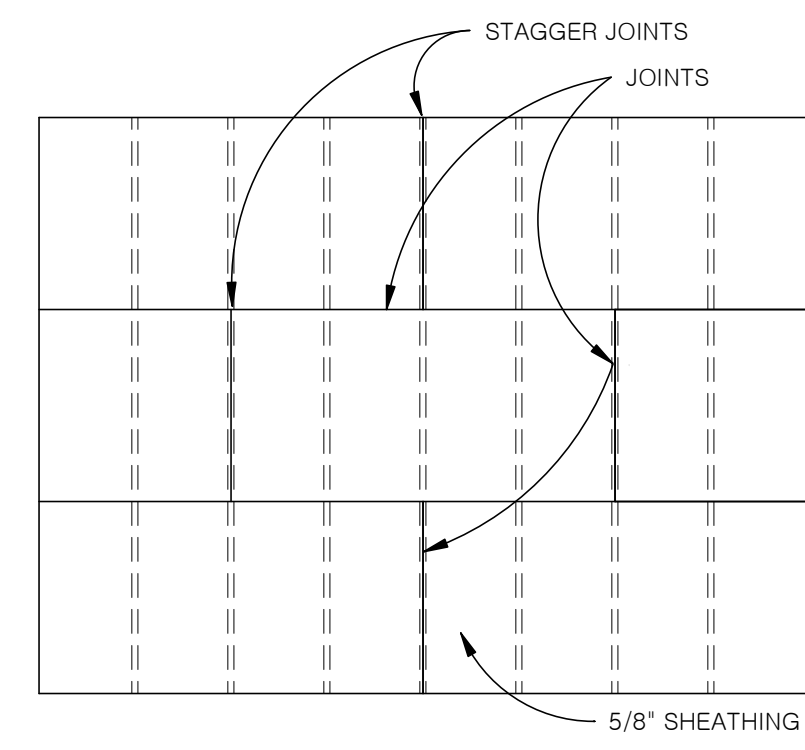
**10 FOUNDATION PLAN - TRASH ENCLOSURE**  
1/8" = 1'-0" TOP OF FOOTING ELEVATION = 99'-4" UNLESS NOTED THUS: T.O.F. = XX'-XX"



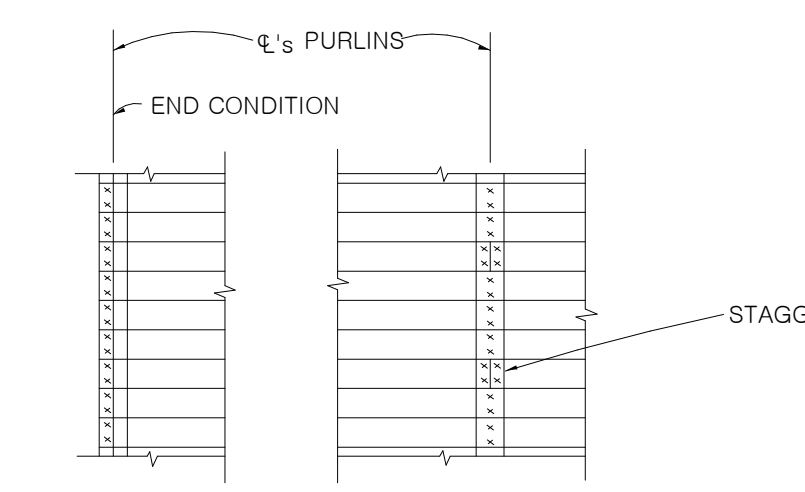
**9 ROOF FRAMING PLAN - DUGOUT 2**  
1/8" = 1'-0"



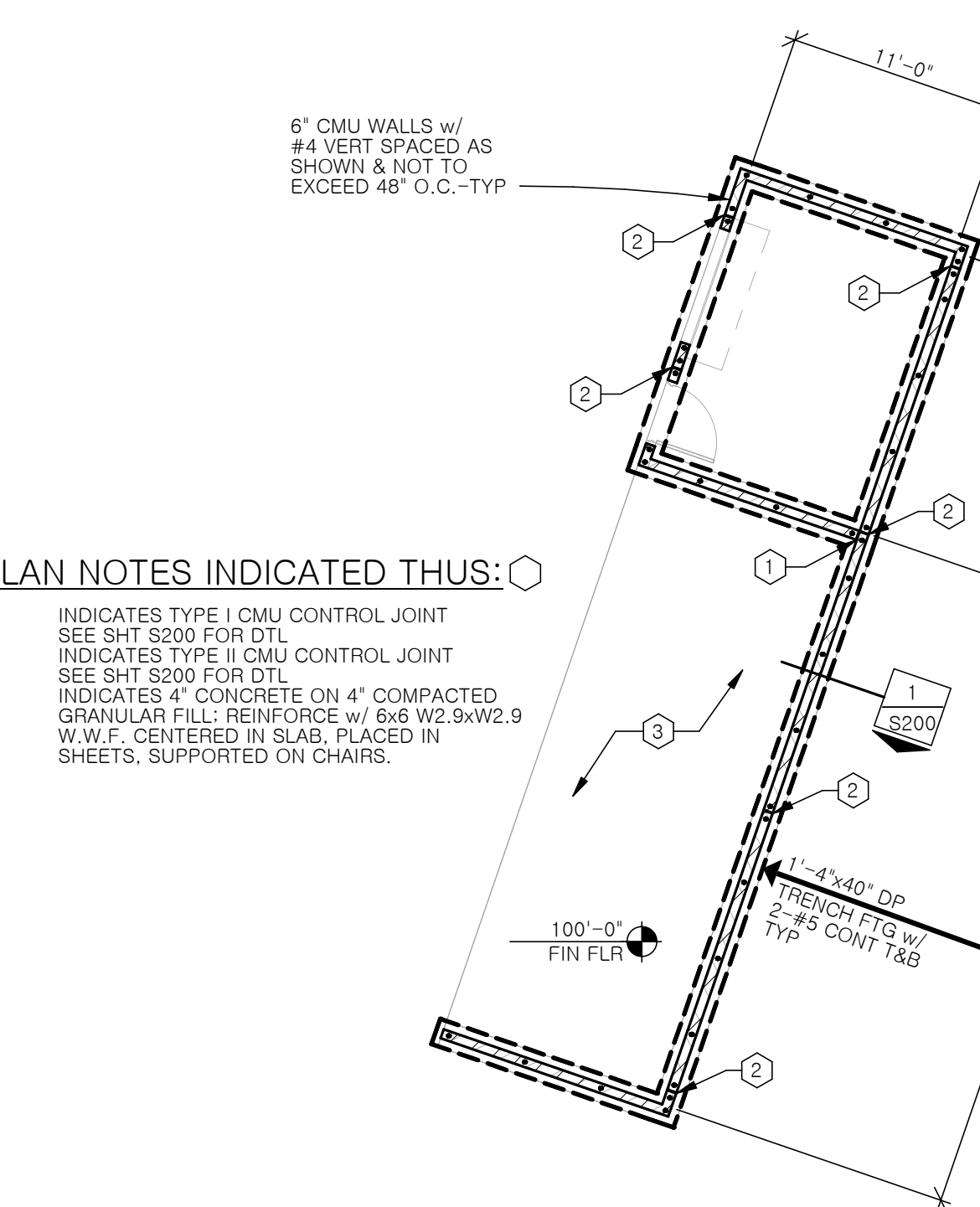
**8 ROOF FRAMING PLAN - DUGOUT 1**  
1/8" = 1'-0"



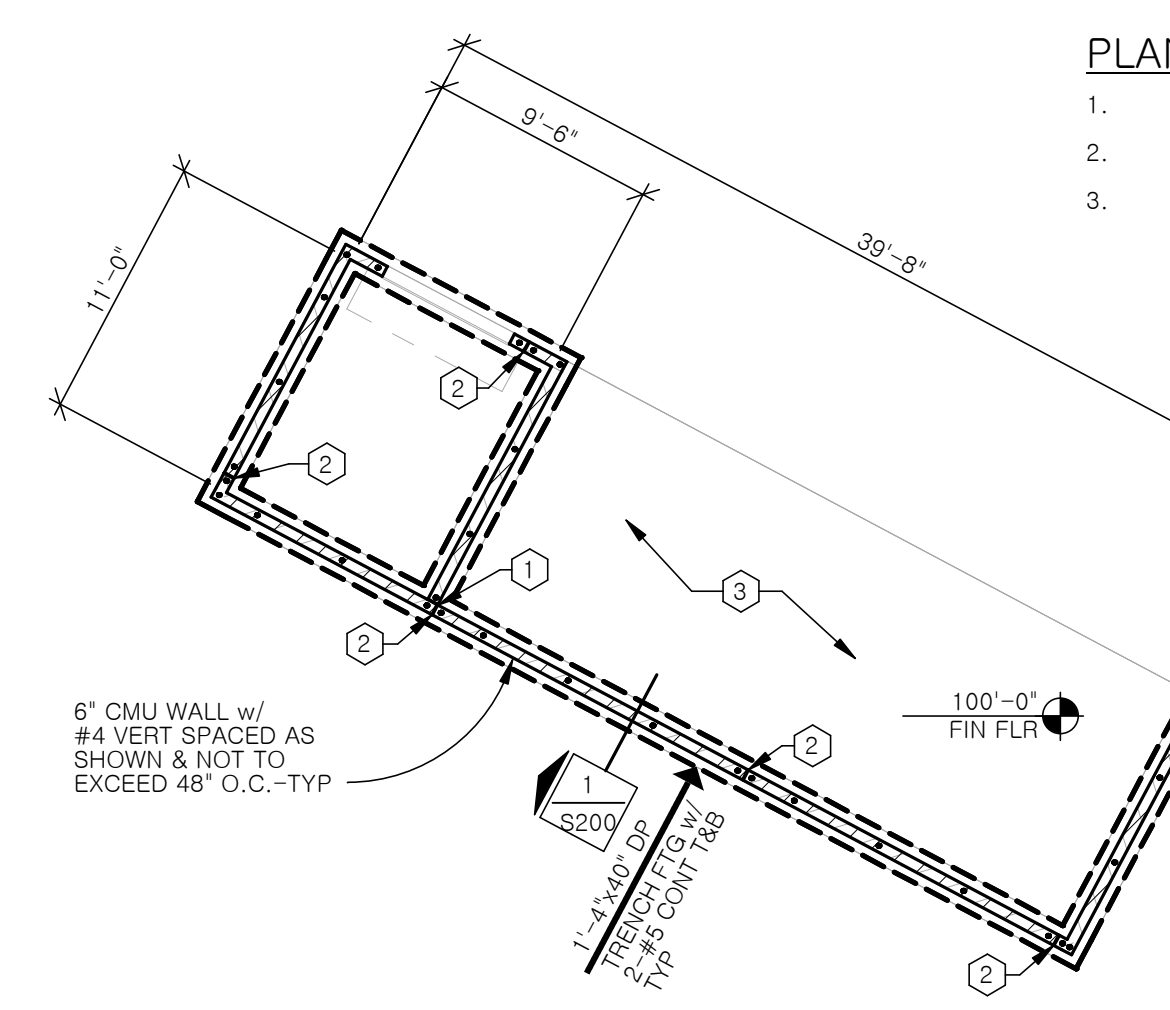
**7 ROOF SHEATHING DIAGRAM**  
1/2" = 1'-0"



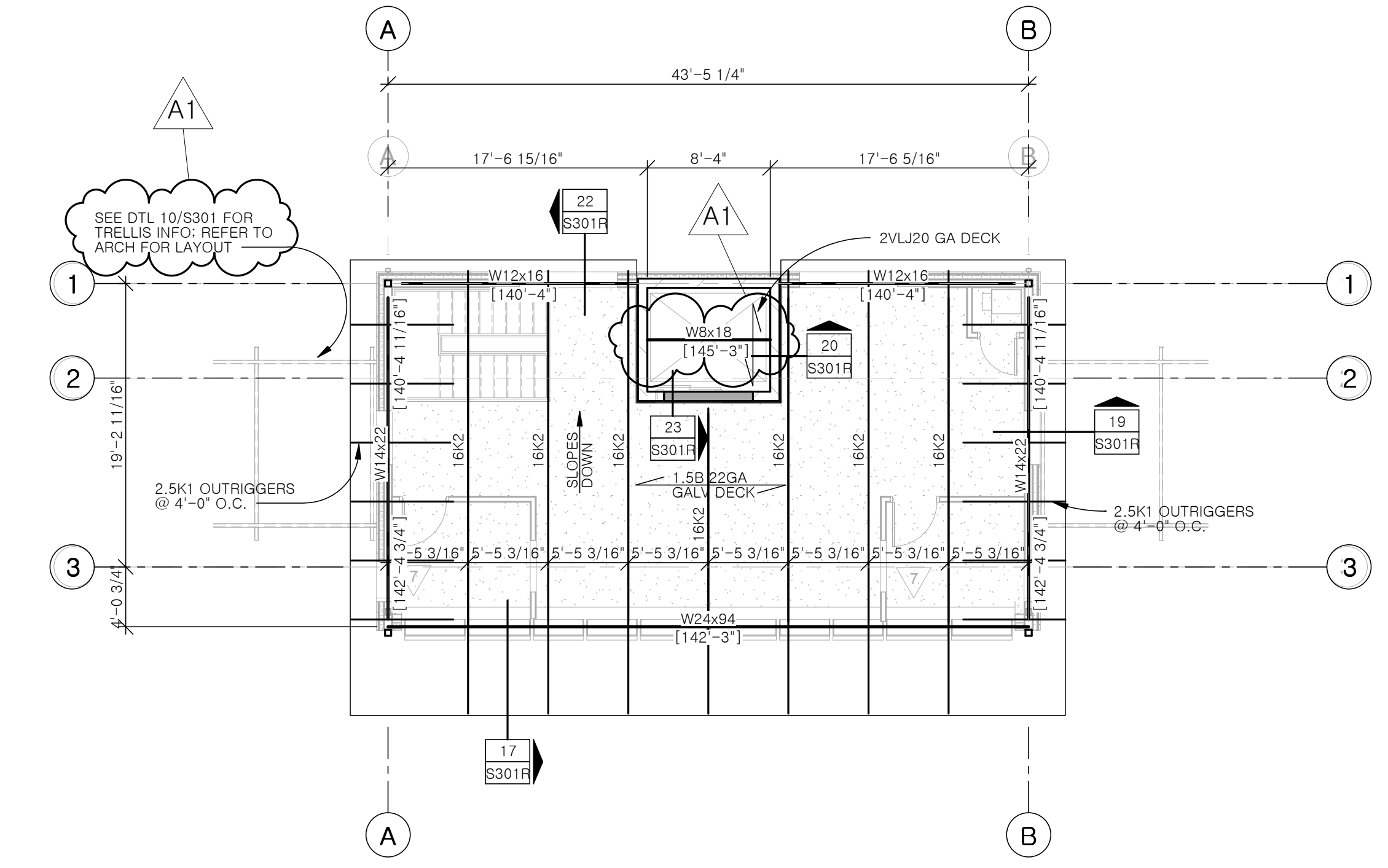
**6 WOOD DECKING DETAIL**  
1/2" = 1'-0"



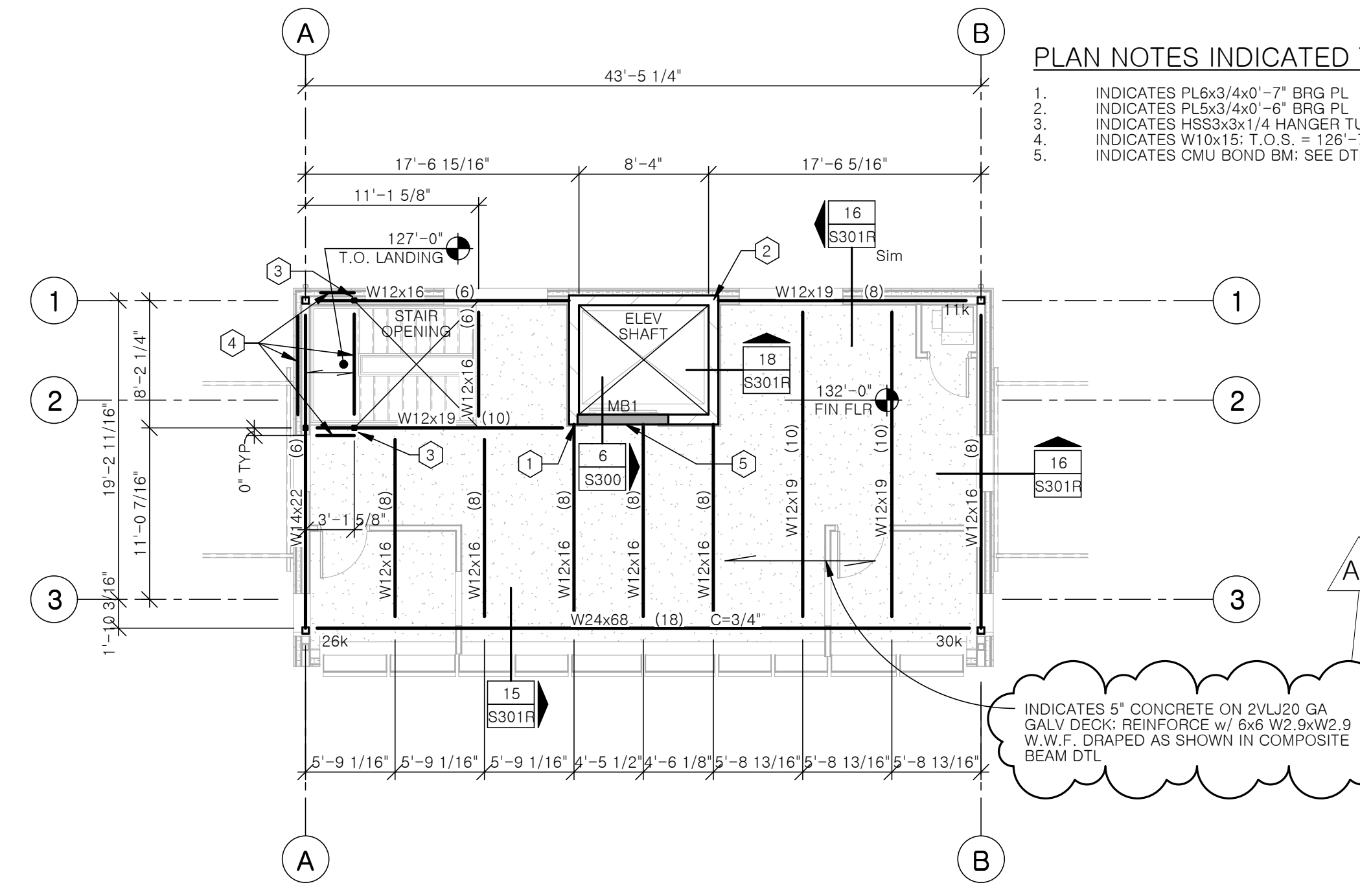
**5 FOUNDATION PLAN - DUGOUT 2**  
1/8" = 1'-0" TOP OF FOOTING ELEVATION = 99'-4" UNLESS NOTED THUS: T.O.F. = XX'-XX"



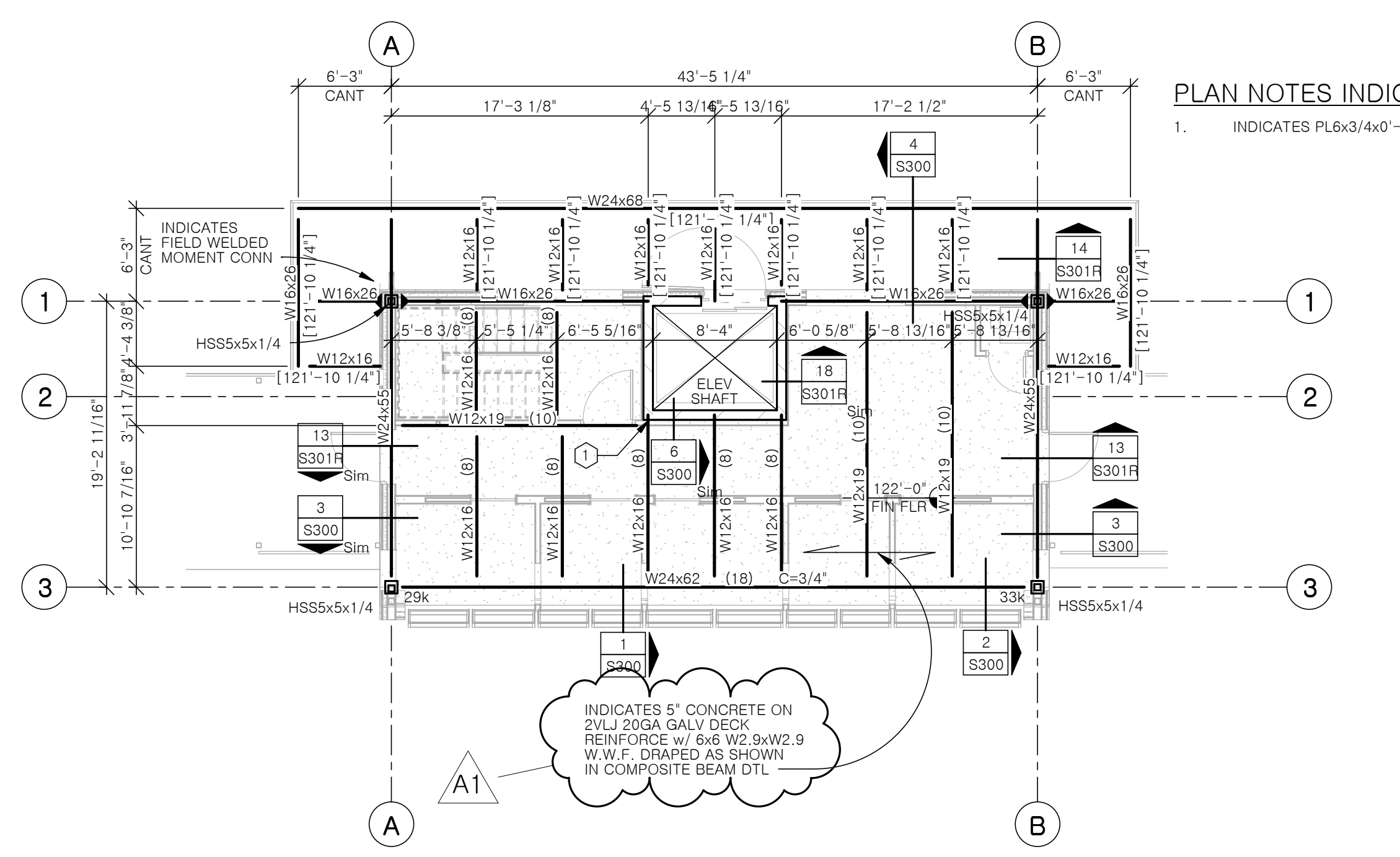
**4 FOUNDATION PLAN - DUGOUT 1**  
1/8" = 1'-0" TOP OF FOOTING ELEVATION = 99'-4" UNLESS NOTED THUS: T.O.F. = XX'-XX"



**3 ROOF FRAMING PLAN - PRESS BOX**  
1/8" = 1'-0" TOP OF STEEL ELEVATION INDICATED THUS: [XXX'-XX"] T.O.S. AT SLOPED BEAMS INDICATED AT EACH END OF BEAM THUS: [XXX'-XX"]



**2ND LEVEL FLOOR FRAMING PLAN - PRESS BOX**  
1/8" = 1'-0" TOP OF STEEL ELEVATION = 131'-7" UNLESS NOTED THUS: [XXX'-XX"]



**1 FLOOR FRAMING PLAN - PRESS BOX**  
1/8" = 1'-0" TOP OF STEEL ELEVATION = 121'-7" UNLESS NOTED THUS: [XXX'-XX"]

**S102R**





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Engr. Project #18050

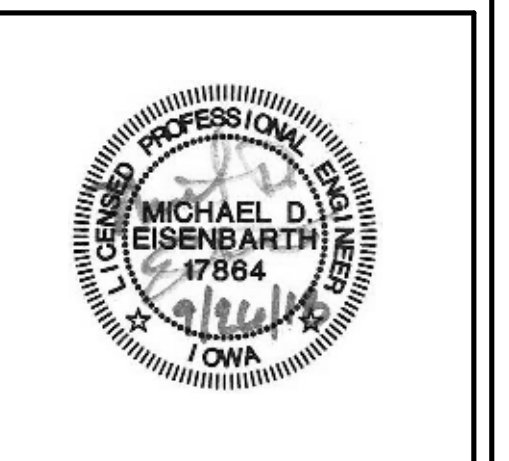
Project Title: **GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS**  
 Project Location: 400 SIVERS RD,  
GLENWOOD, IA 51534  
 Sheet Title: **Details**

HSR Project Number: **18004**

Project Date: **9/26/2018**

Drawn By: **mwo**

Key Plan:

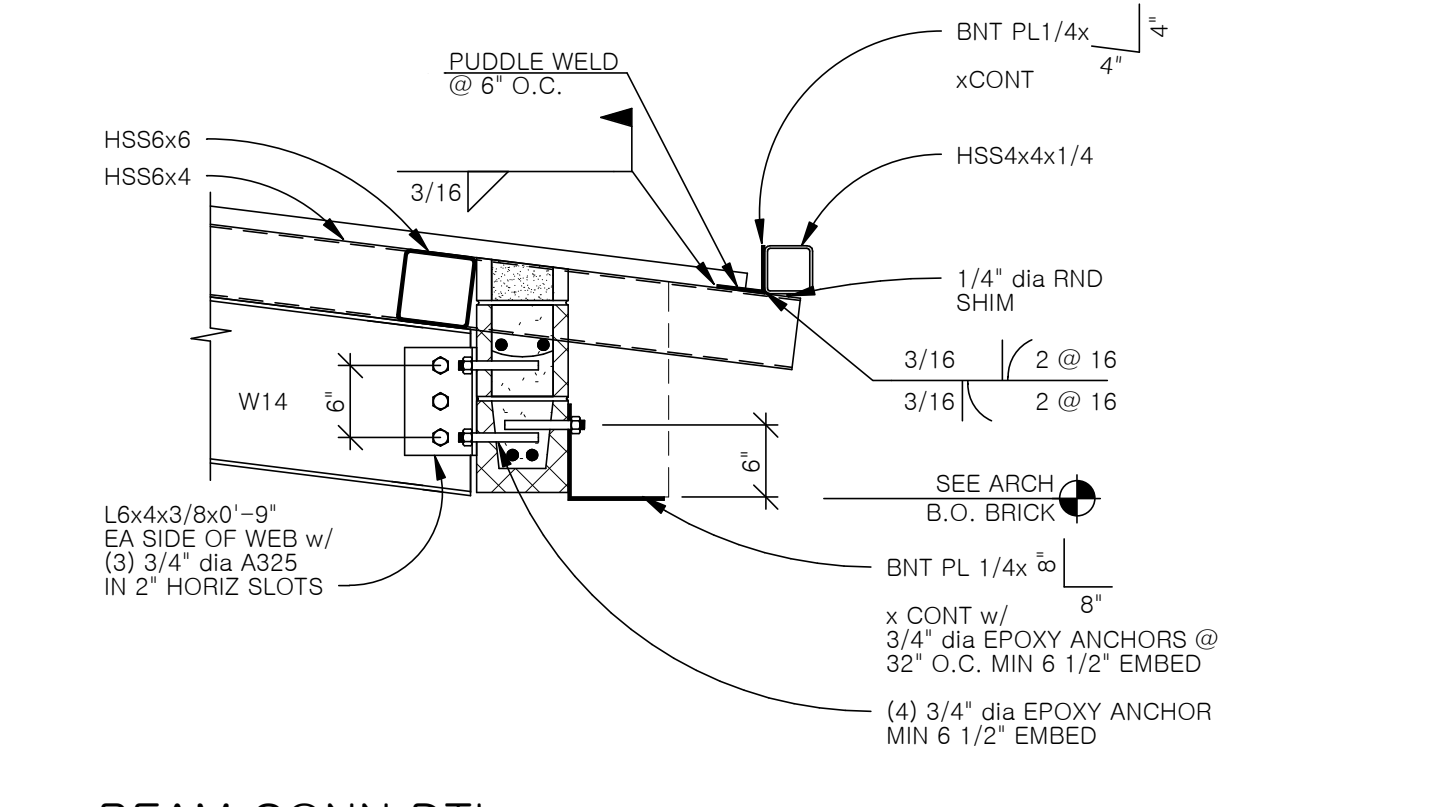


No.	Description	Date
A1	ADDENDUM 1	10/3/2018

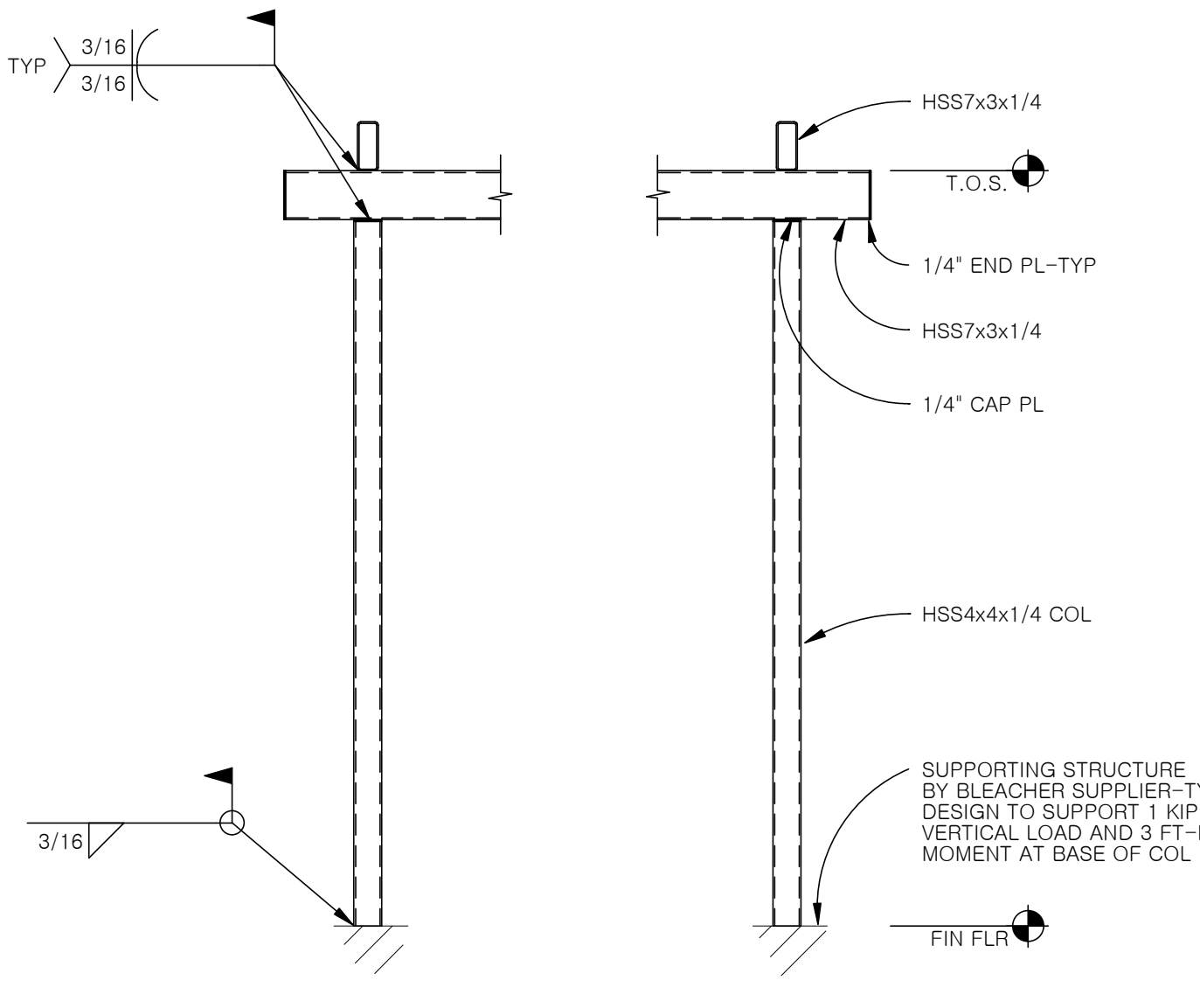
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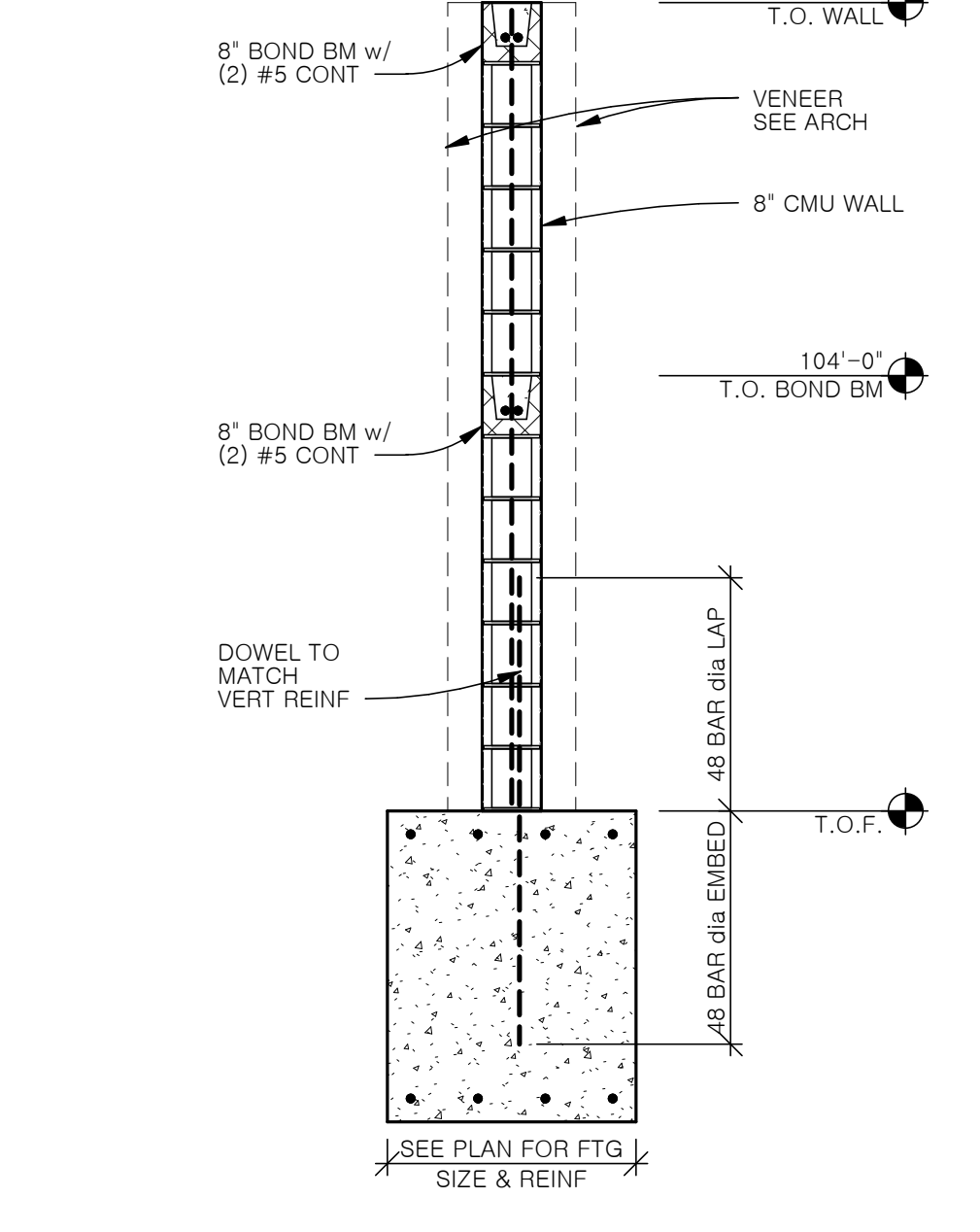
**S301R**



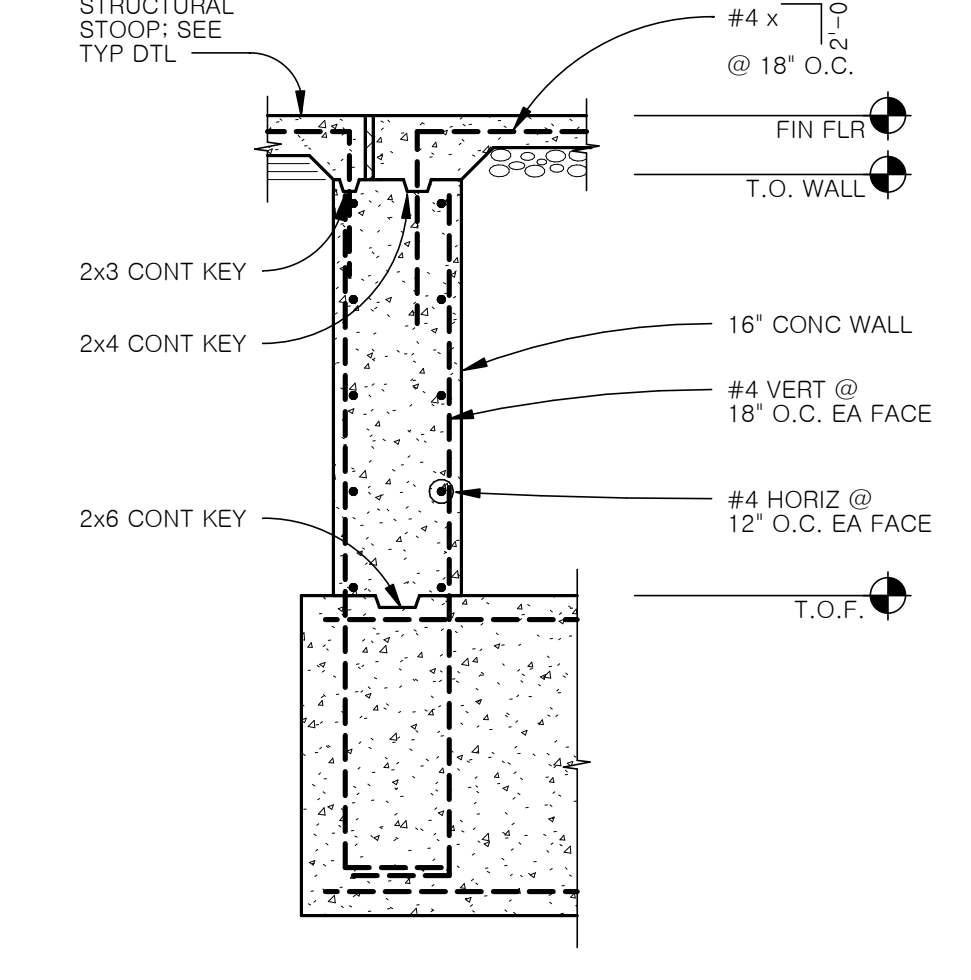
**5 BEAM CONN DTL**  
3/4" = 1'-0"



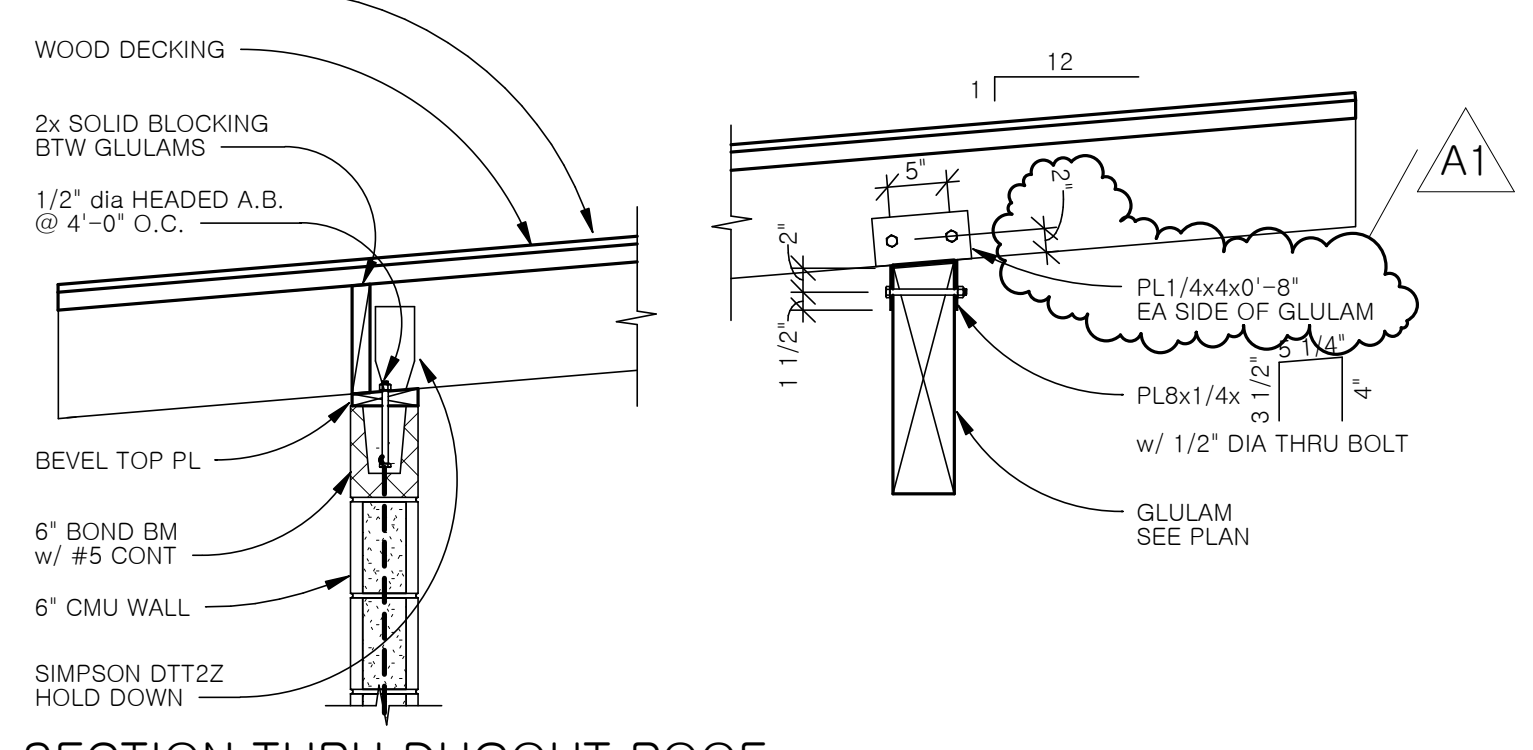
**10 TYP SECTION THRU SHADE STRUCTURE**  
1/2" = 1'-0"



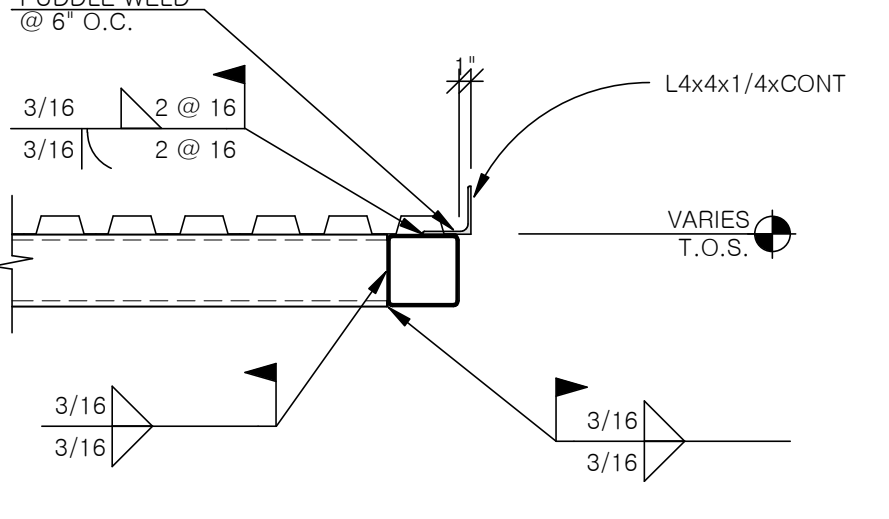
**4 SECTION THRU SCREEN WALL**  
1/2" = 1'-0"



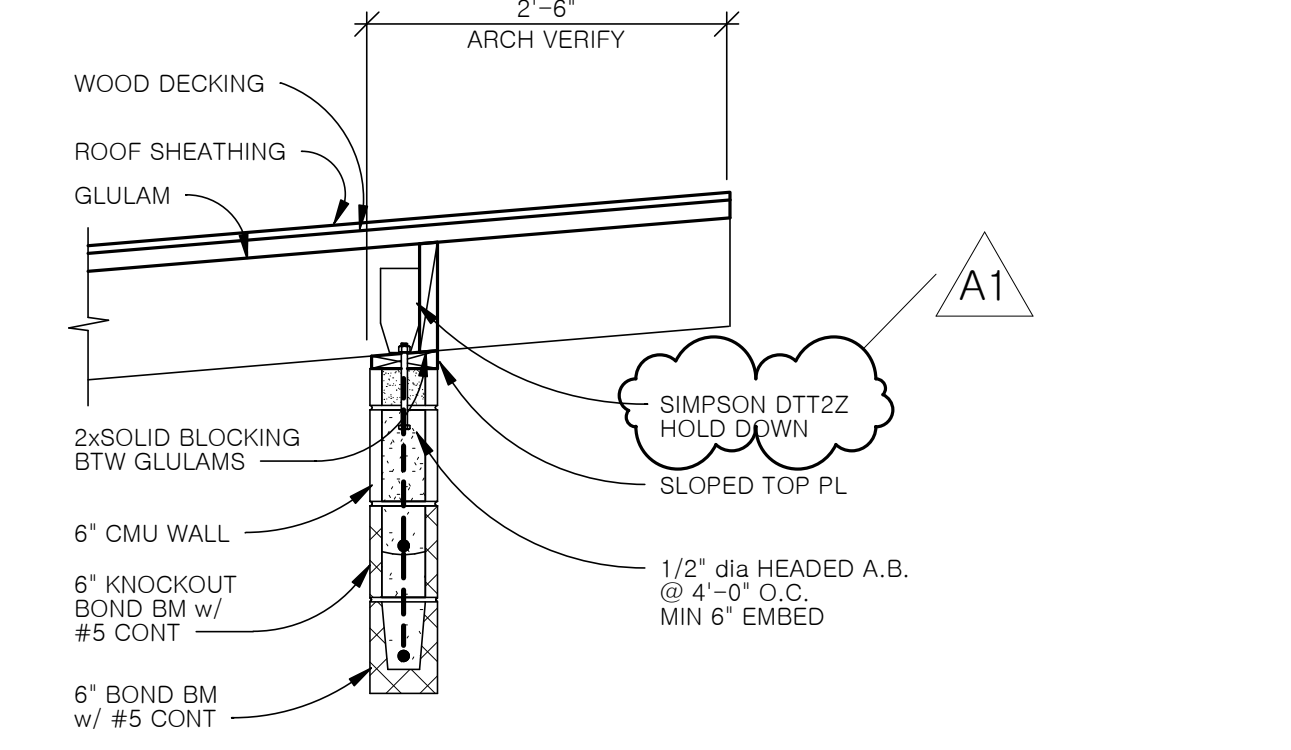
**9 SECTION AT CONC WALL**  
1/2" = 1'-0"



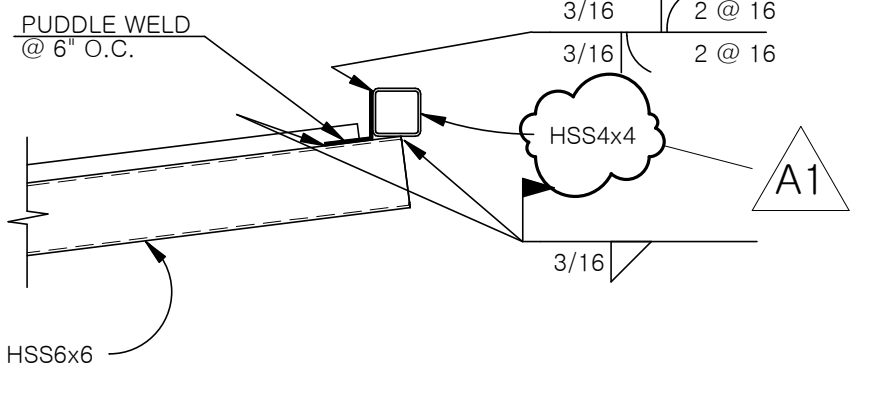
**3 SECTION THRU DUGOUT ROOF**  
3/4" = 1'-0"



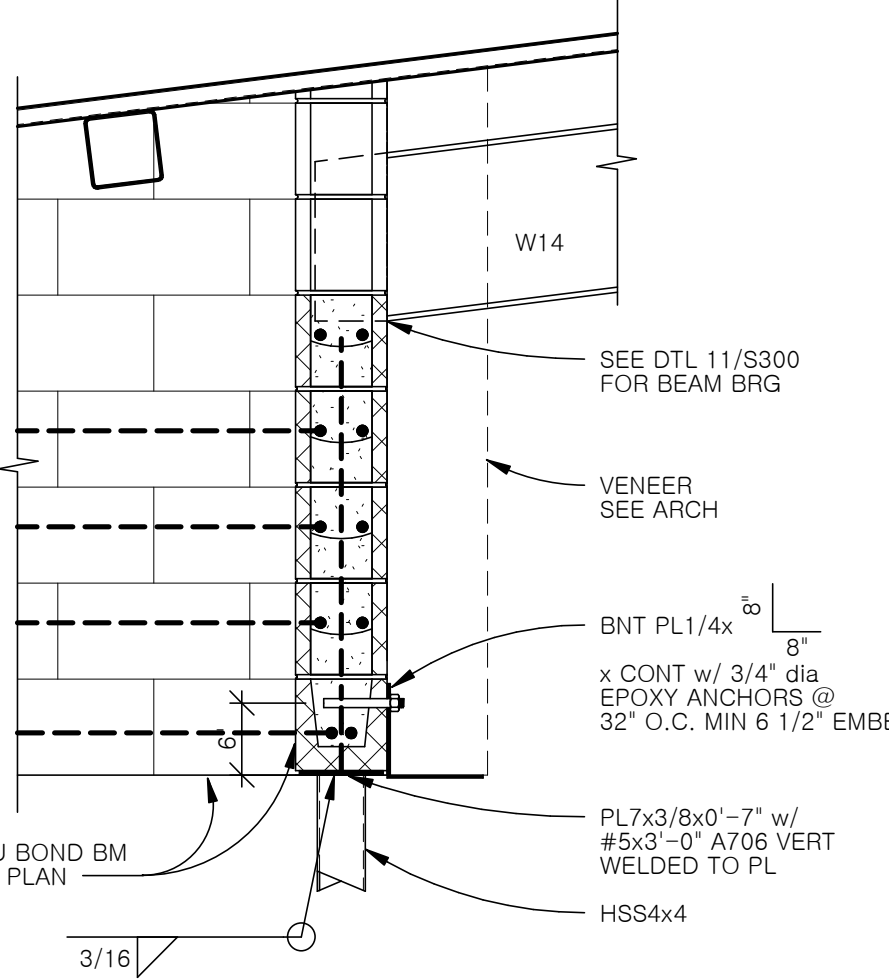
**8 DTL AT ROOF EDGE**  
3/4" = 1'-0"



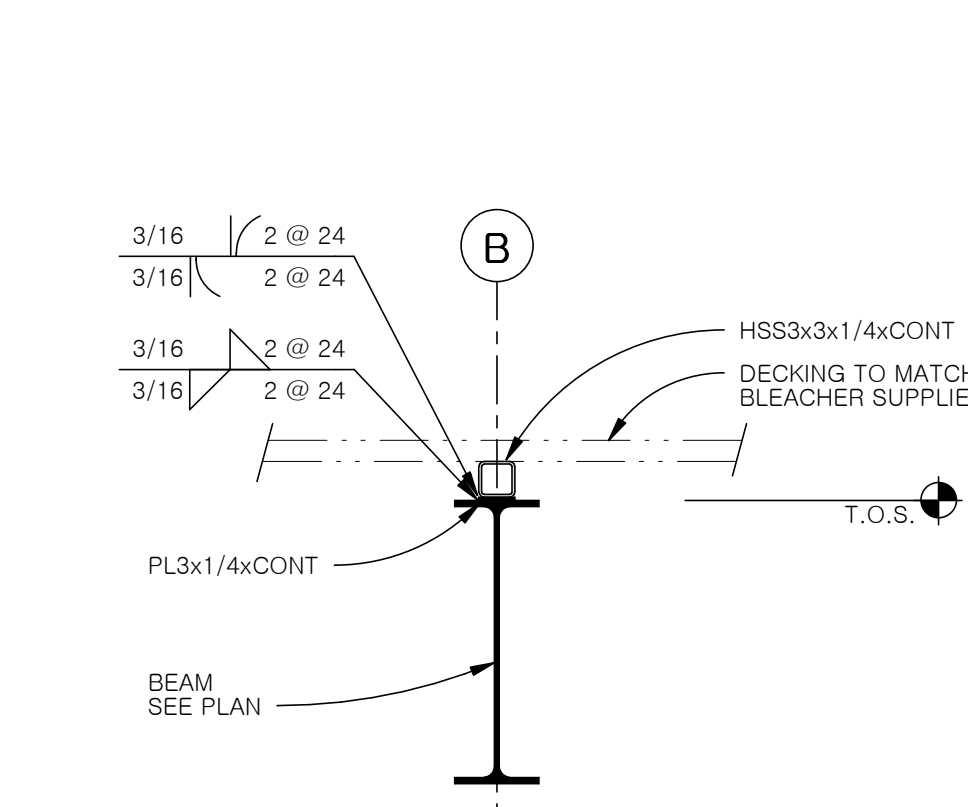
**2 DTL AT GULAM BRG**  
3/4" = 1'-0"



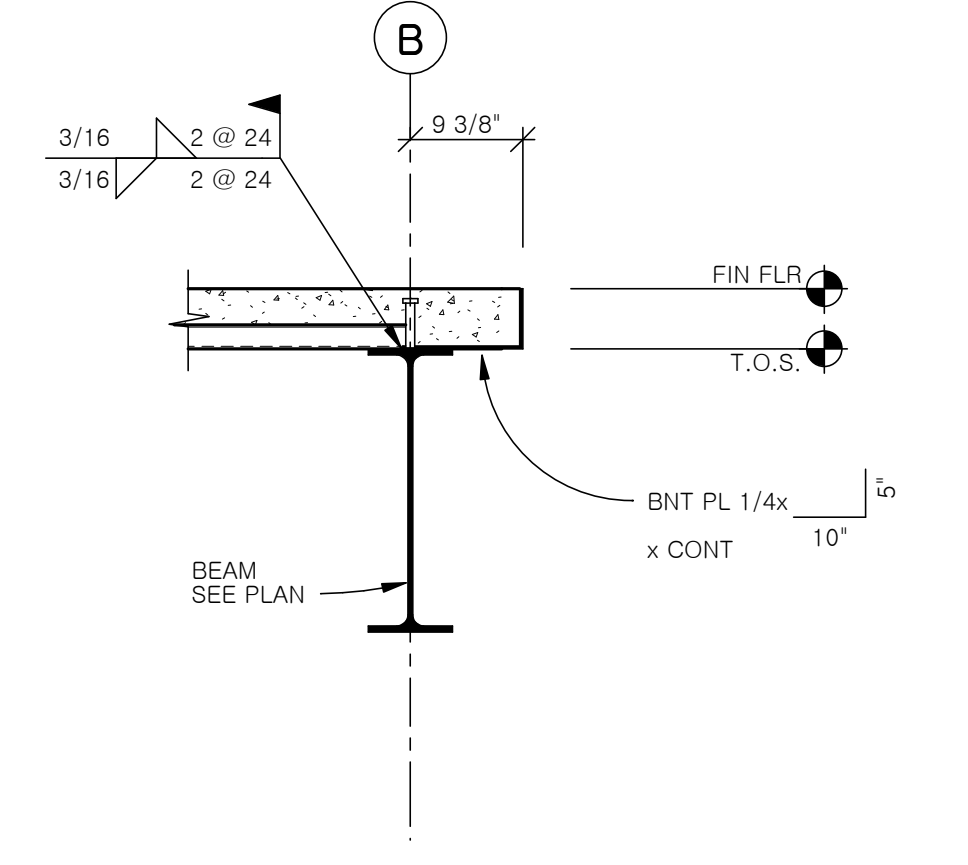
**7 DTL AT ROOF EDGE**  
3/4" = 1'-0"



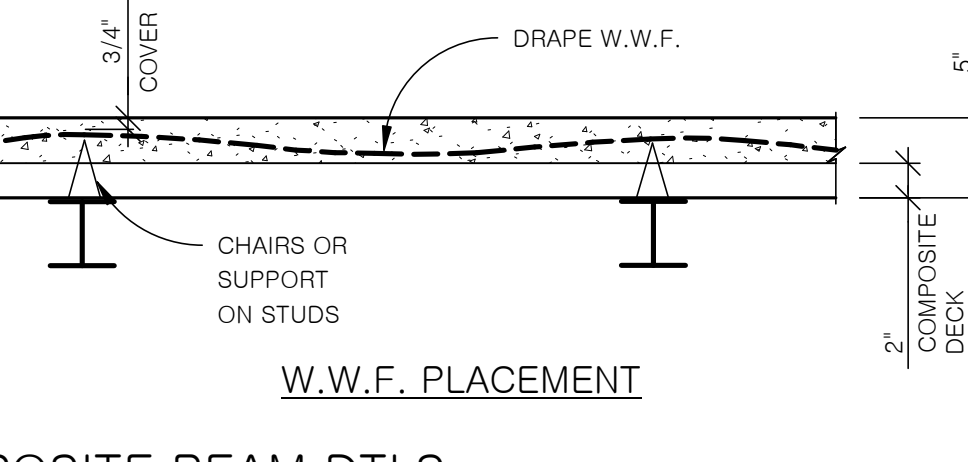
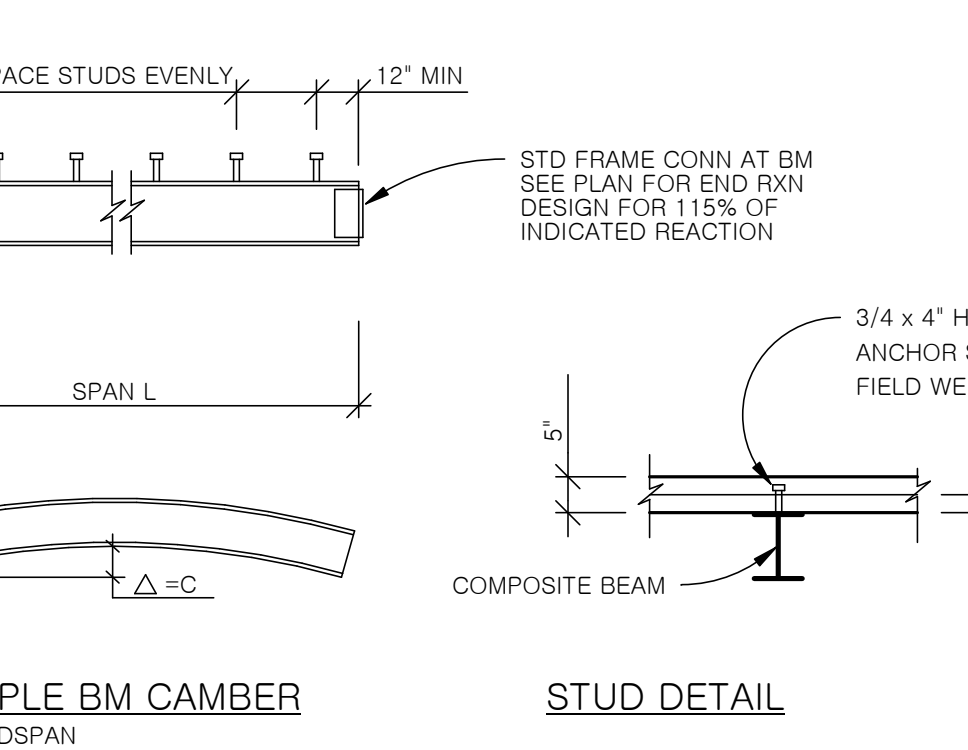
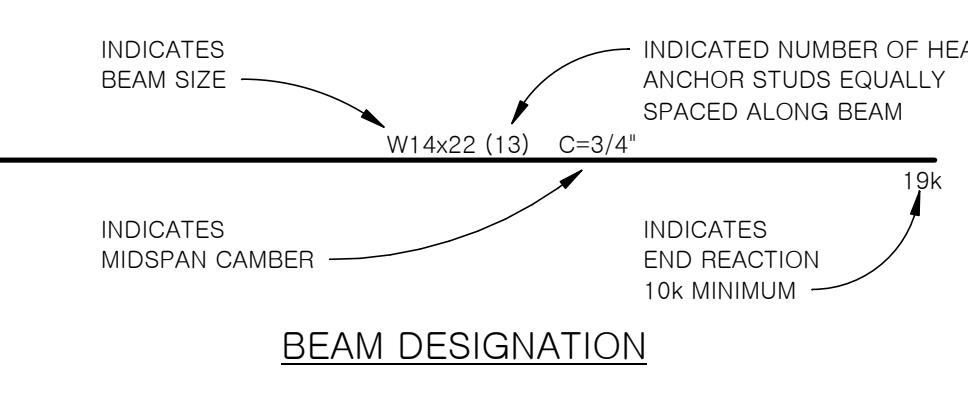
**6 DTL AT ROOF**  
3/4" = 1'-0"



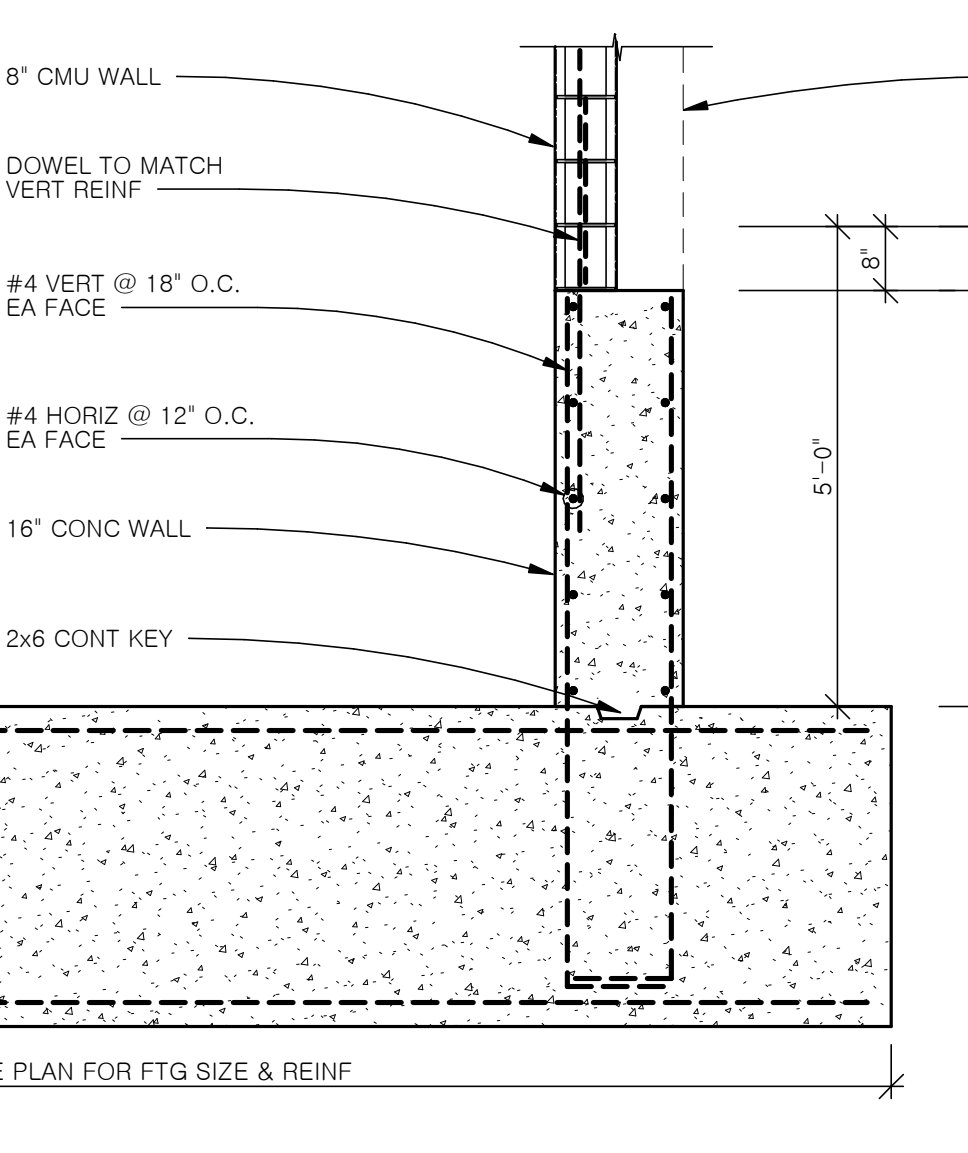
**14 DTL AT PLATFORM**  
3/4" = 1'-0"



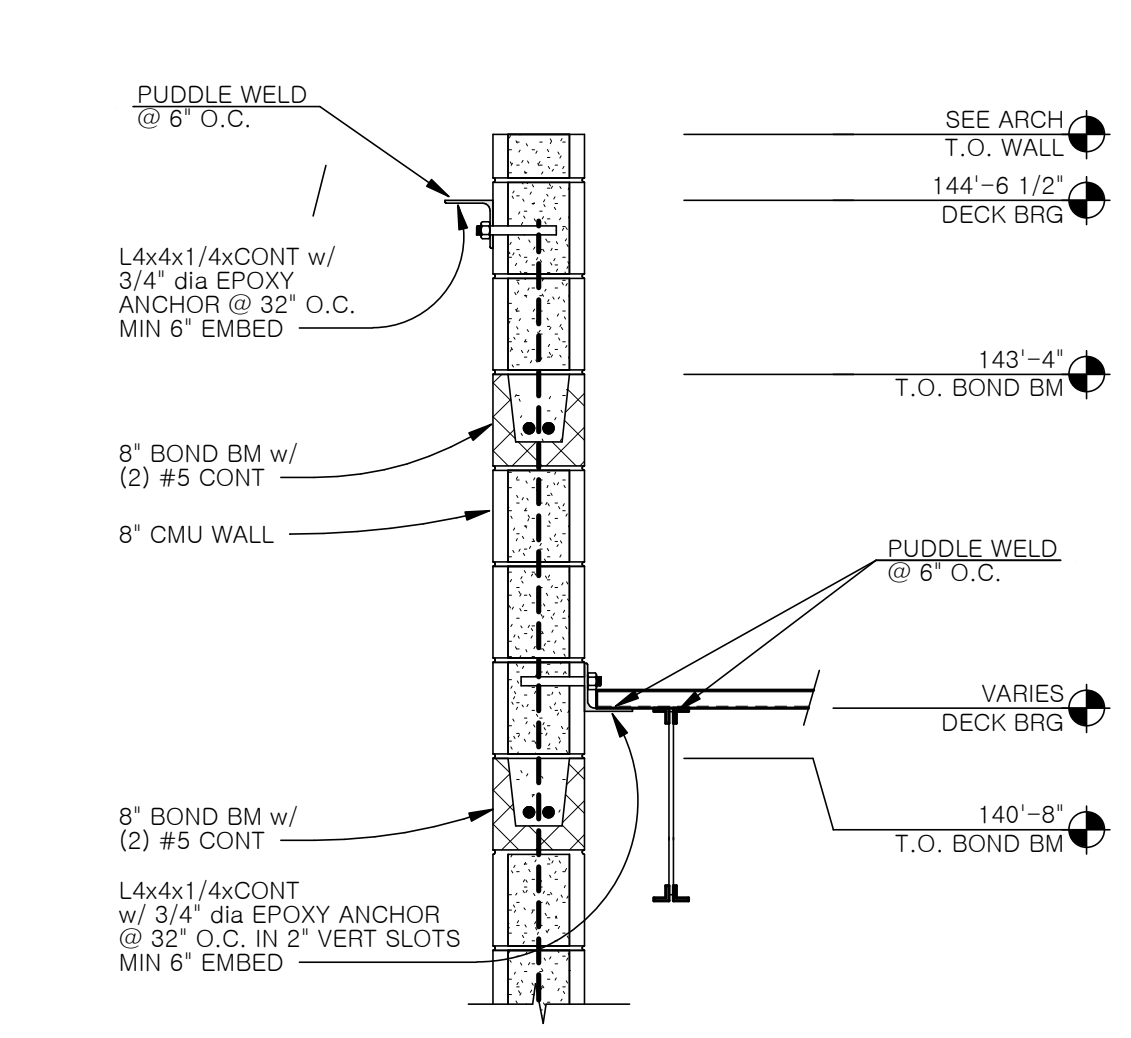
**13 SLAB EDGE DTL AT DOOR**  
3/4" = 1'-0"



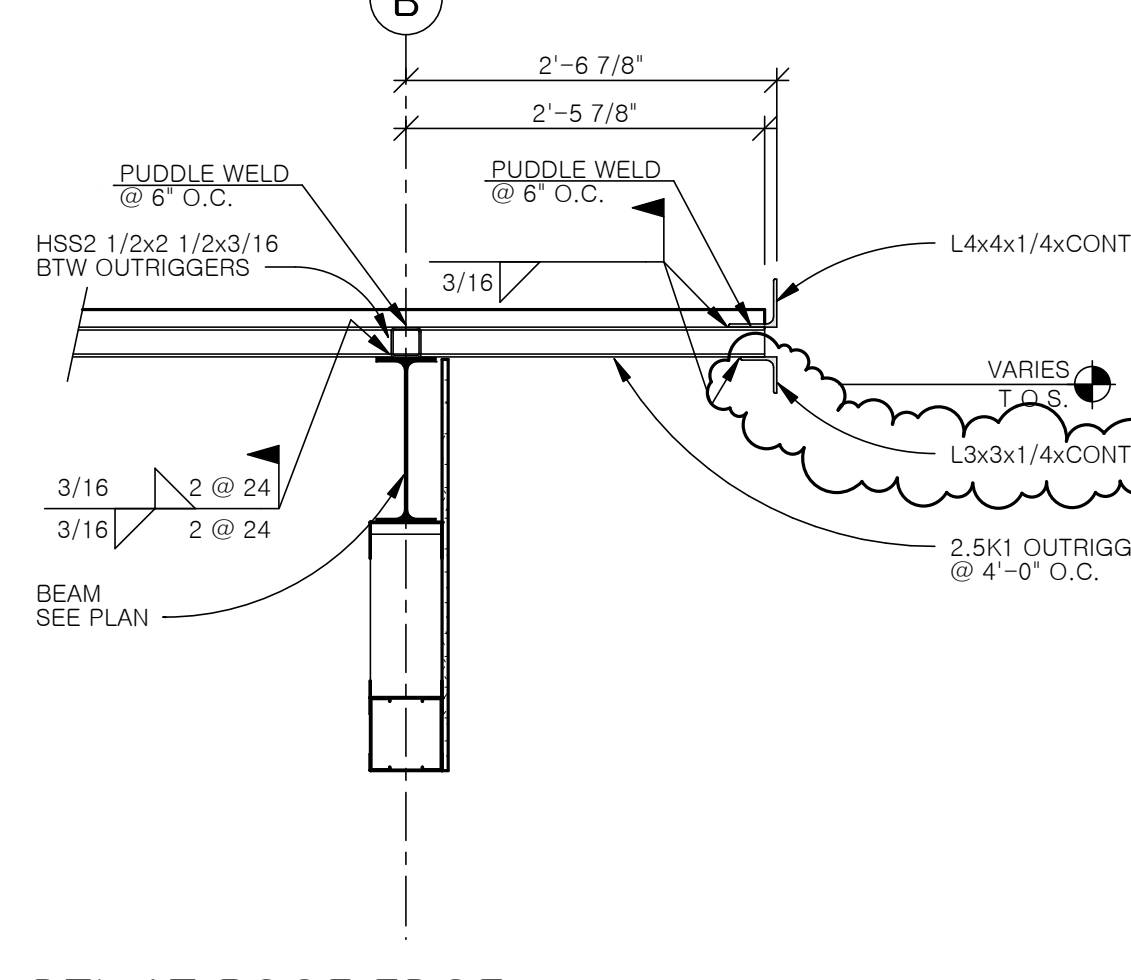
**12 COMPOSITE BEAM DTLs**  
1/2" = 1'-0"



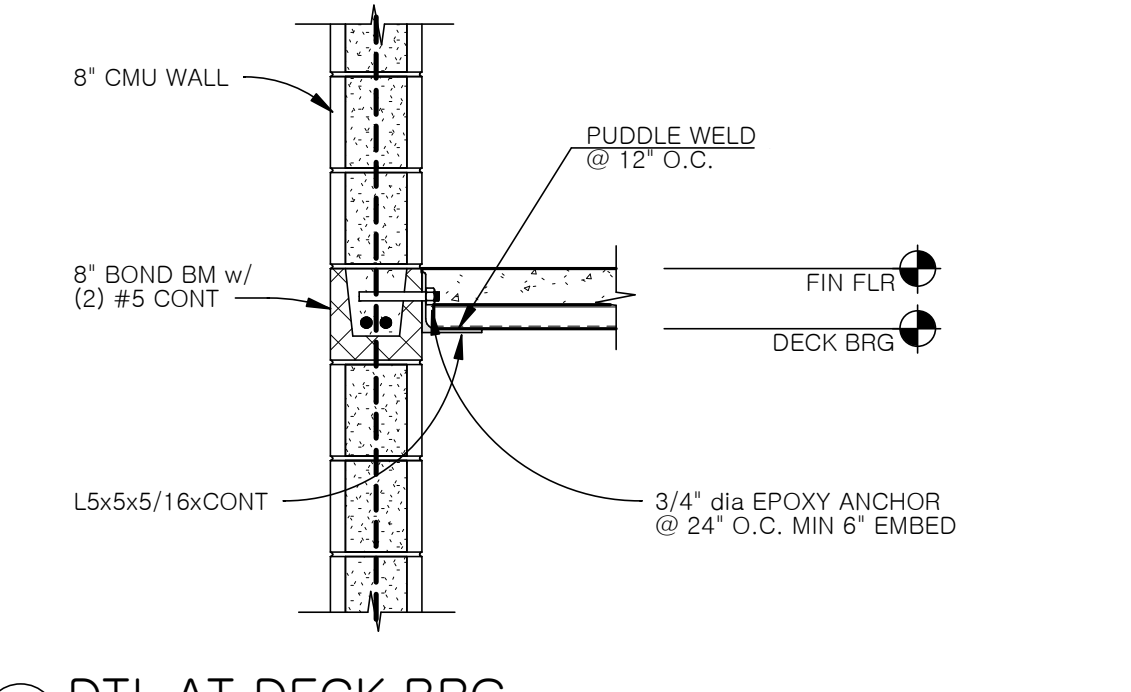
**11 SECTION THRU ELEV. SHAFT**  
1/2" = 1'-0"



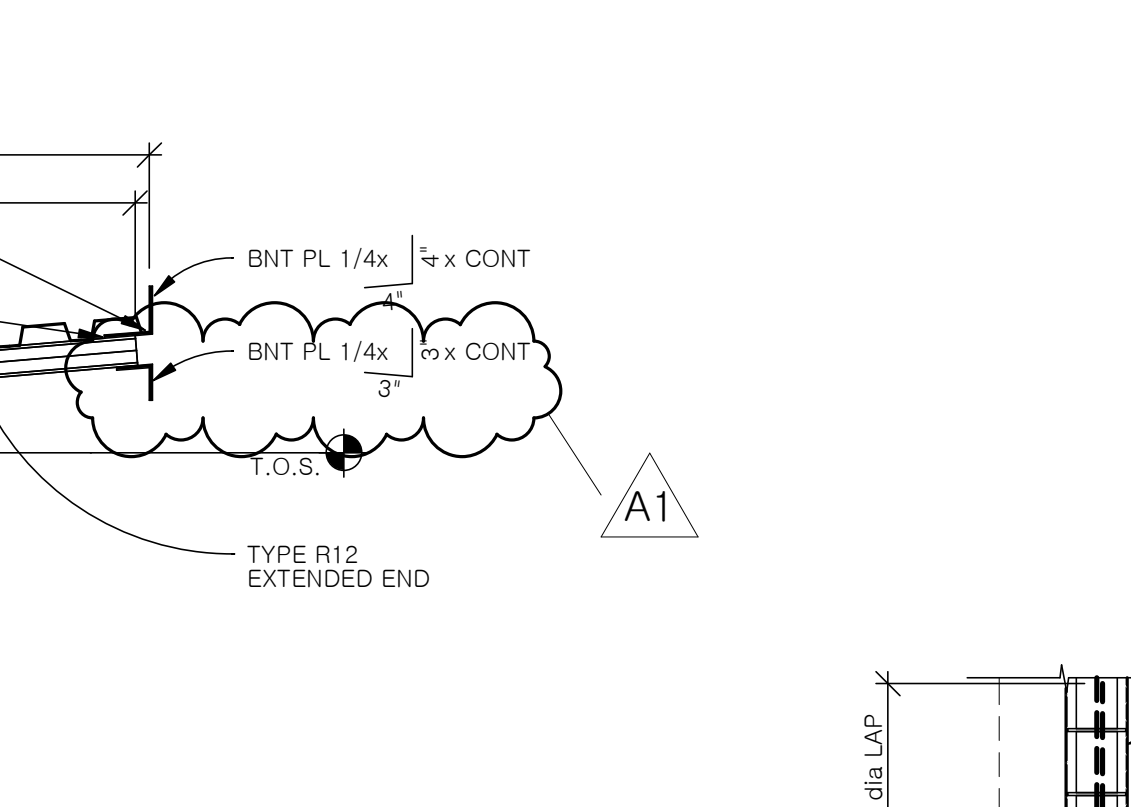
**20 DTL AT DECK BRG**  
3/4" = 1'-0"



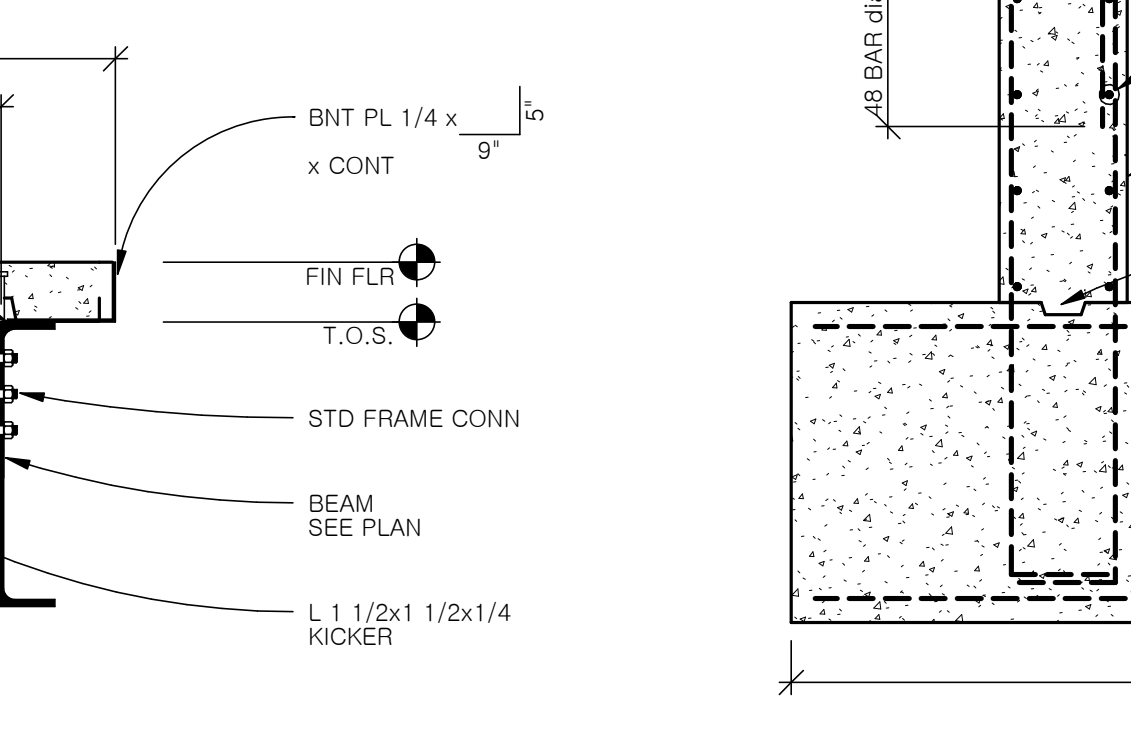
**19 DTL AT ROOF EDGE**  
3/4" = 1'-0"



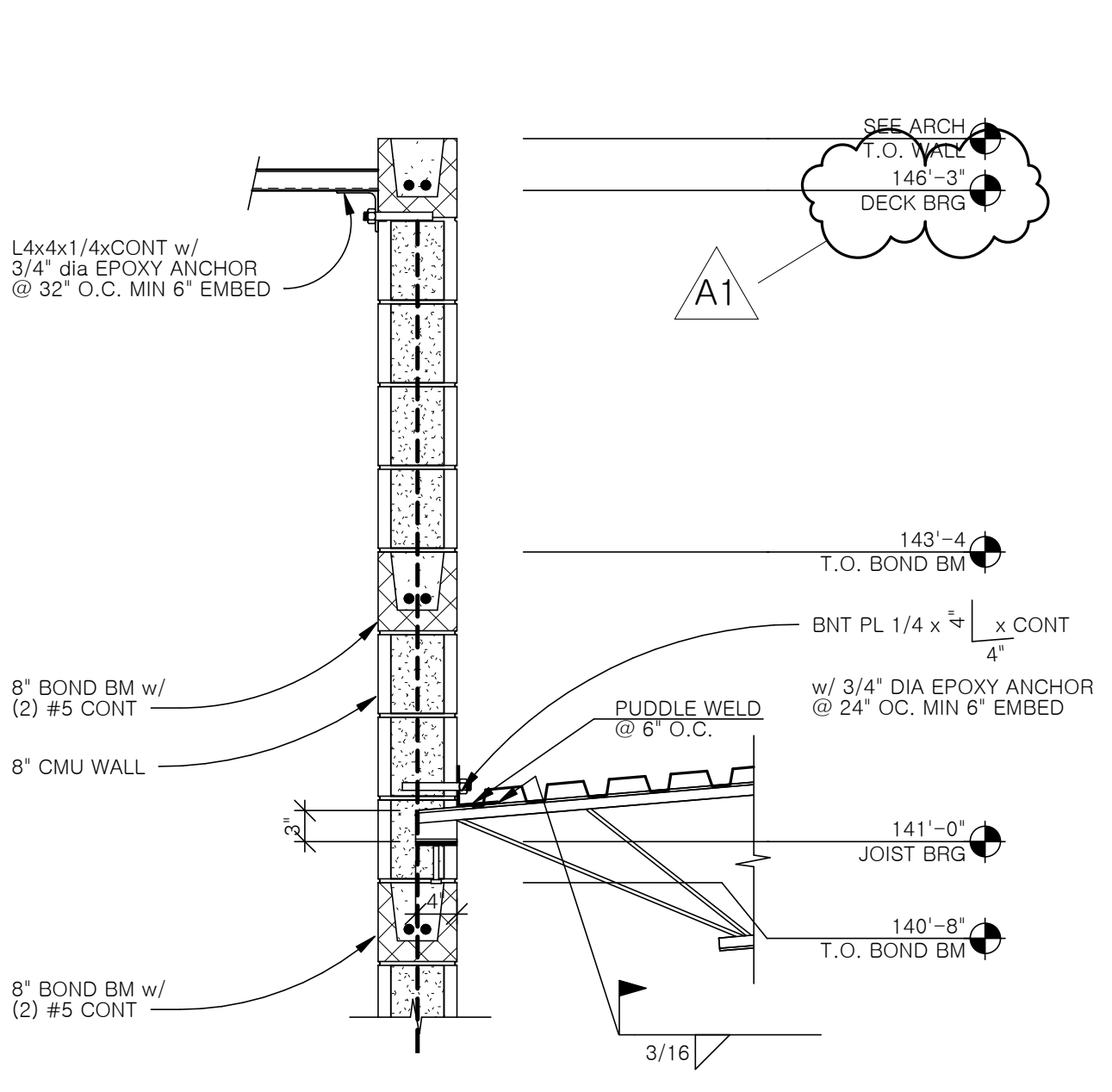
**18 DTL AT DECK BRG**  
3/4" = 1'-0"



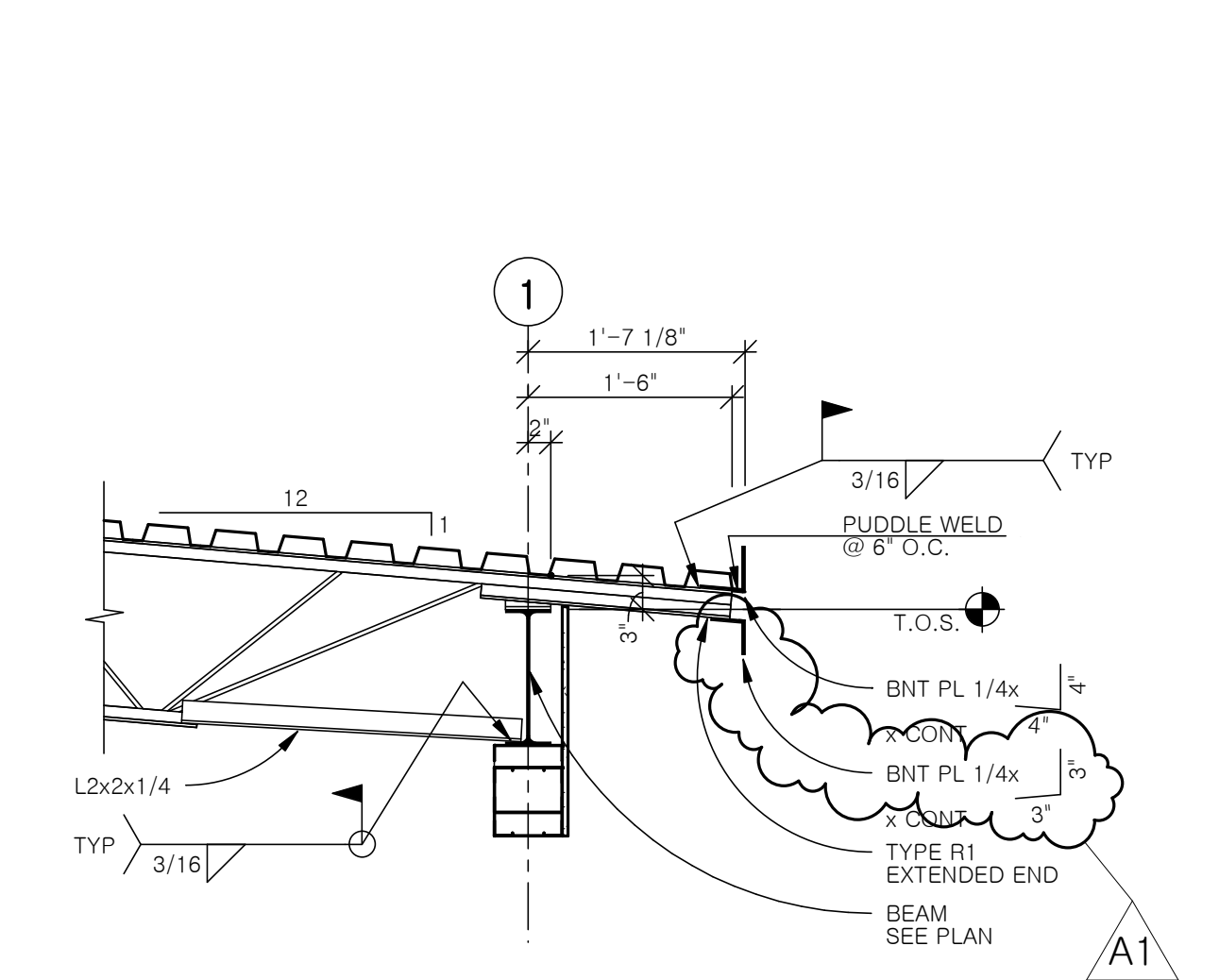
**17 DTL AT ROOF EDGE**  
3/4" = 1'-0"



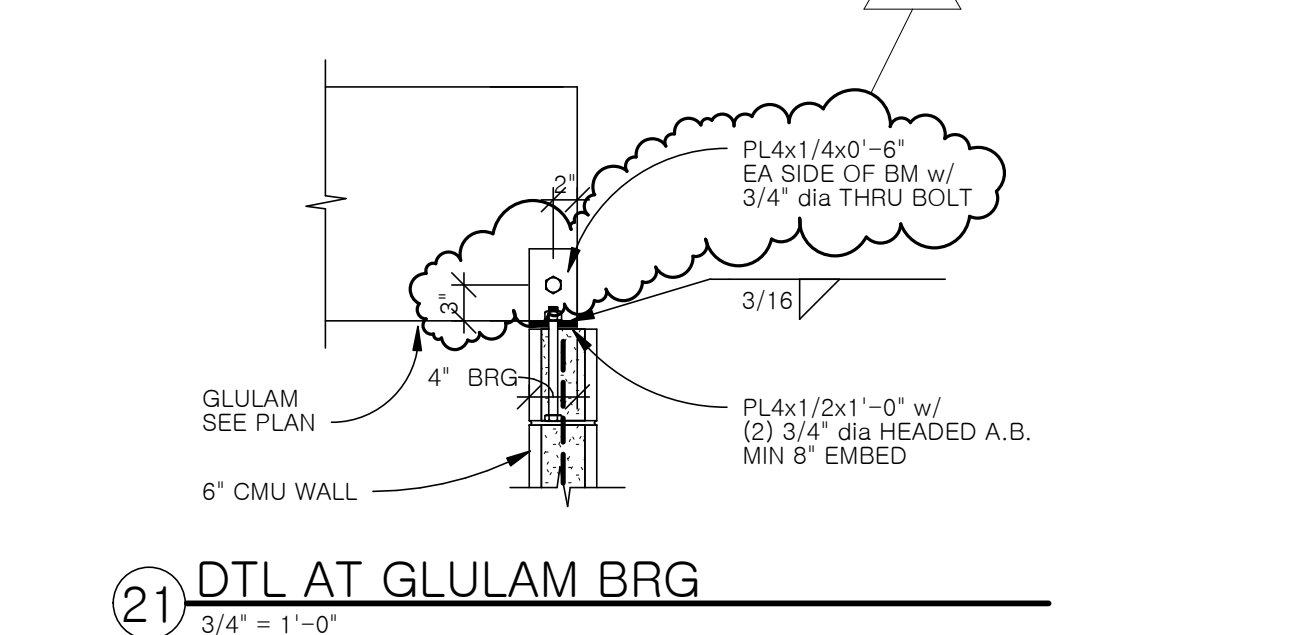
**16 DTL AT FLR EDGE**  
3/4" = 1'-0"



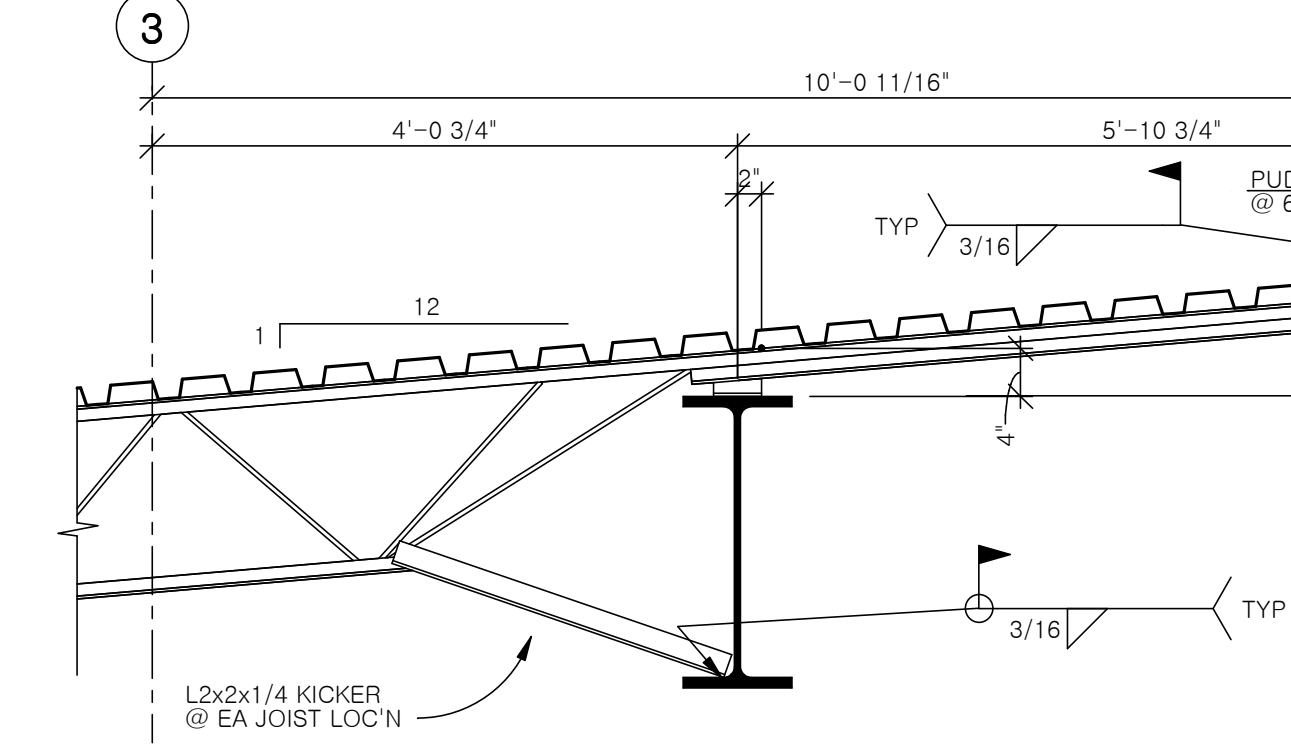
**23 DTL AT JOIST BRG**  
3/4" = 1'-0"



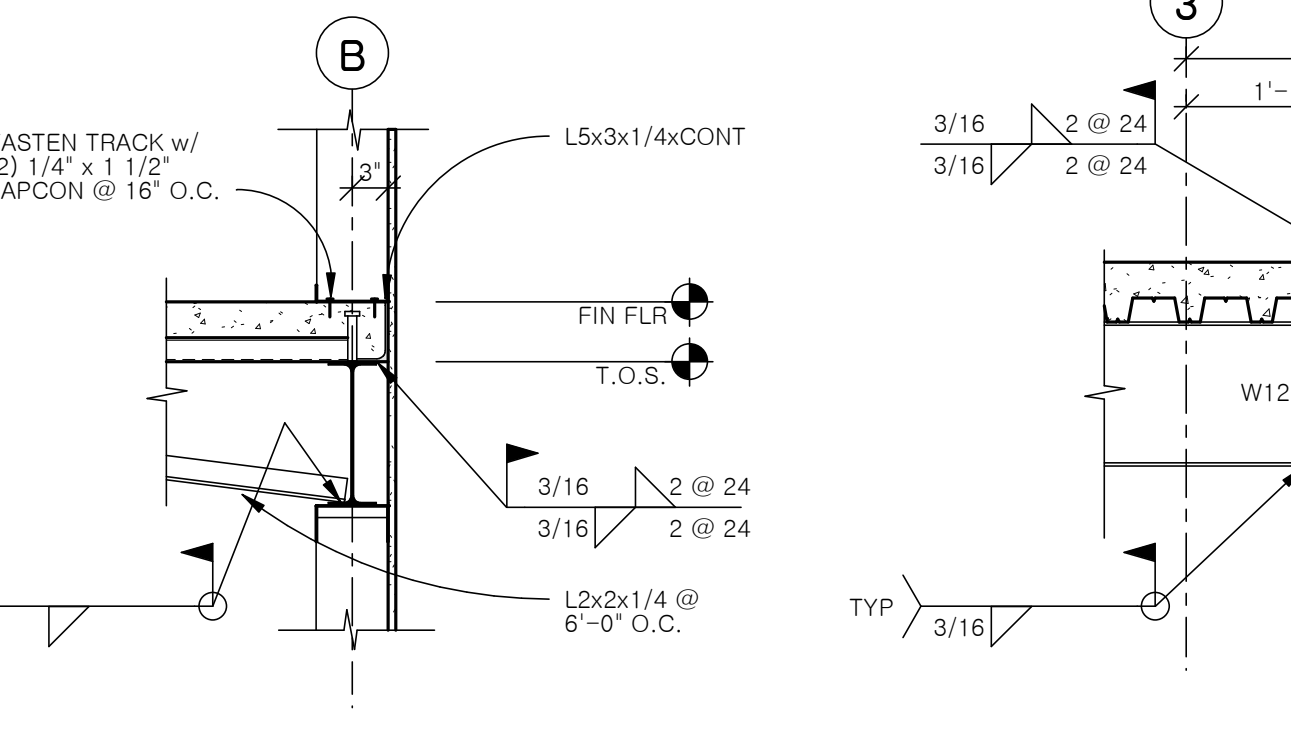
**22 DTL AT ROOF EDGE**  
3/4" = 1'-0"



**21 DTL AT GULAM BRG**  
3/4" = 1'-0"



**3 SECTION THRU DUGOUT ROOF**  
3/4" = 1'-0"



**16 DTL AT FLR EDGE**  
3/4" = 1'-0"





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Engr. Project #18050

Project Title: **GLENWOOD COMMUNITY SCHOOL DISTRICT  
ATHLETIC COMPLEX IMPROVEMENTS**

Project Location: 400 SIVERS RD.  
GLENWOOD, IA 51534

Sheet Title: **Details**

HSR Project Number:

18004

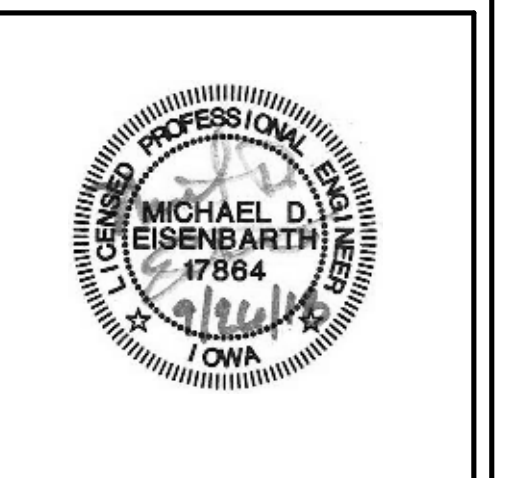
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9/26/2018

Drawn By:

mwo

Key Plan:



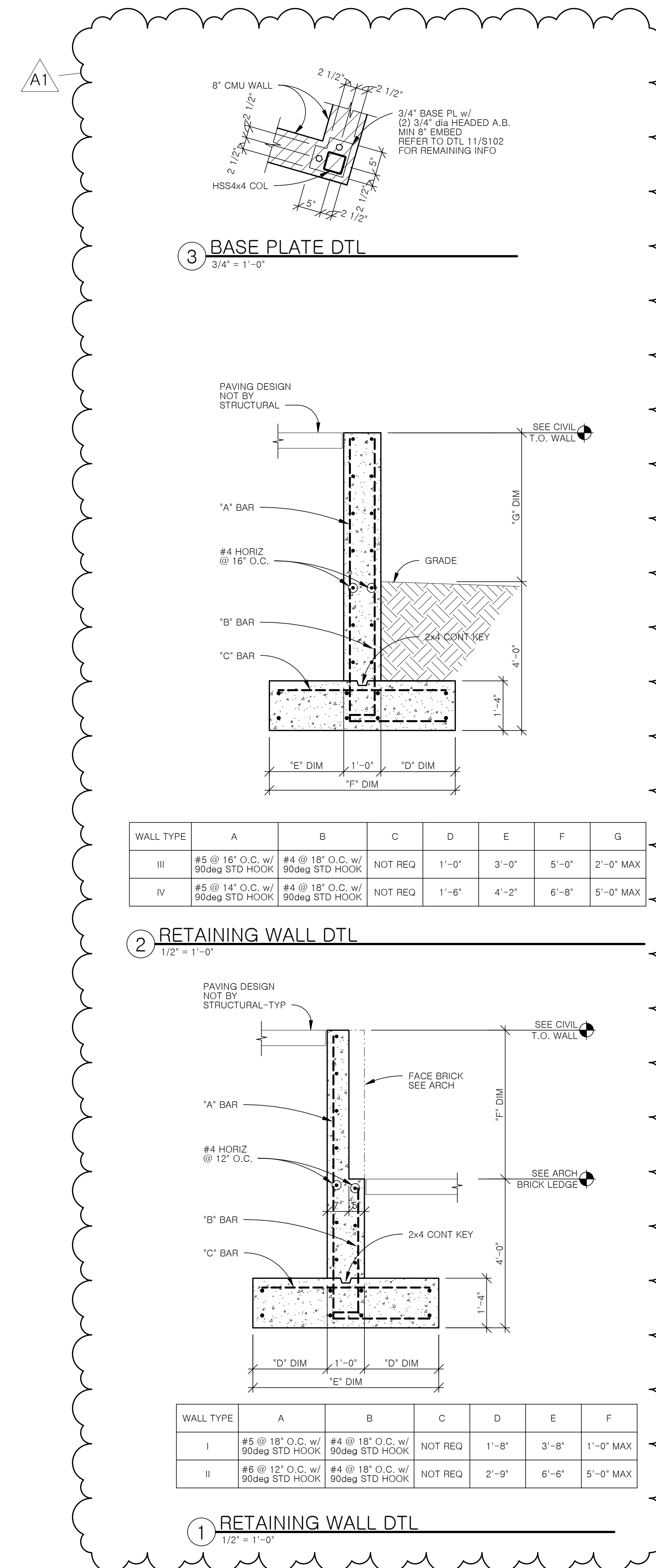
No.	Description	Date
A1	ADDENDUM 1	10/3/2018

Graphic Scale:

VARIES

Last Update:  
10/3/2018 10:22:00 AM

**S302**



**3 BASE PLATE DTL**  
3/4" = 1'-0"

WALL TYPE	A	B	C	D	E	F	G
III	#5 @ 18" O.C. w/ 90deg STD HOOK	#4 @ 18" O.C. w/ 90deg STD HOOK	NOT REQ	1'-0"	3'-0"	5'-0"	2'-0" MAX
IV	#5 @ 14" O.C. w/ 90deg STD HOOK	#4 @ 18" O.C. w/ 90deg STD HOOK	NOT REQ	1'-6"	4'-2"	6'-8"	5'-0" MAX

**2 RETAINING WALL DTL**  
1/2" = 1'-0"

WALL TYPE	A	B	C	D	E	F
I	#5 @ 18" O.C. w/ 90deg STD HOOK	#4 @ 18" O.C. w/ 90deg STD HOOK	NOT REQ	1'-8"	3'-8"	1'-0" MAX
II	#5 @ 12" O.C. w/ 90deg STD HOOK	#4 @ 18" O.C. w/ 90deg STD HOOK	NOT REQ	2'-9"	6'-6"	5'-0" MAX

**1 RETAINING WALL DTL**  
1/2" = 1'-0"