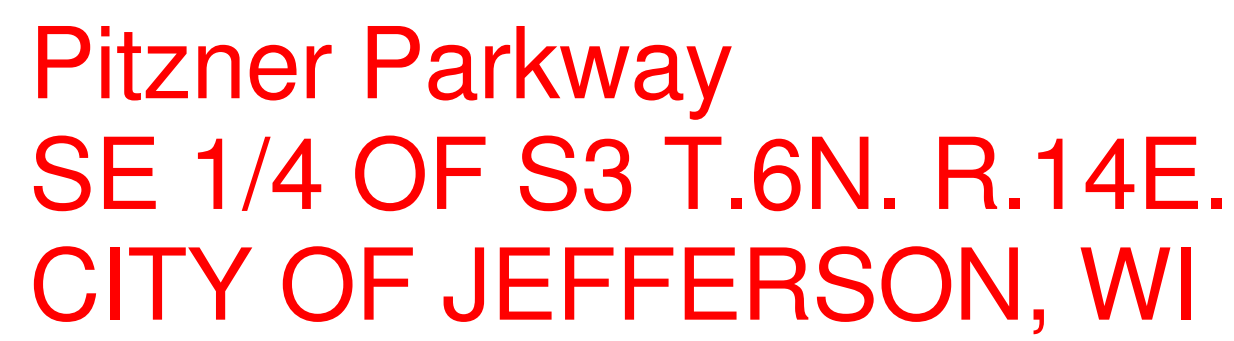




② Site Locator Map
1" = 400'-0"

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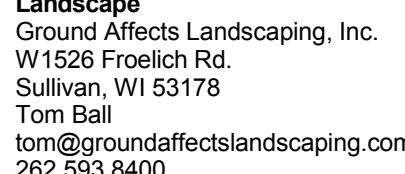
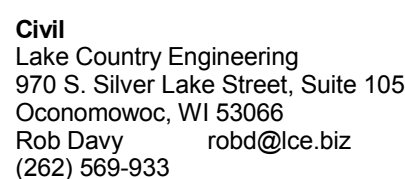
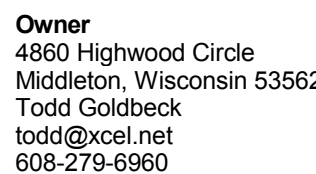
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Sports Complex

Cover

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G-100

Scale	As indicated
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1. CODE: INTERNATIONAL BUILDING CODE 2009 WITH WISCONSIN AMENDMENTS / ASCE 7-05
2. FLOOR LIVE LOADS: (REDUCED AS ALLOWED BY THE BUILDING CODE)

OFFICES:	= 50 PSF*
PUBLIC AREAS:	= 100 PSF*
STORAGE (LIGHT):	= 125 PSF*
RETAIL AT FIRST FLOOR:	= 100 PSF*

* INDICATES 15 PSF PARTITION LOAD IN ADDITION TO LOAD INDICATED

1. CONTRACTOR AGREES THAT CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE PERFORMANCE OF THE WORK, INCLUDING THE SAFETY OF THE WORKER THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD OWNERS HARMLESS FROM ALL CLAIMS, DAMAGES AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, INCLUDING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF CONTRACTOR OR STRUT ENGINEER.
2. THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INCLUDE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION, SUCH AS BRACING, SHORING, AND PROTECTIVE BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT. THE FINISHED STRUCTURE SHALL BE MAINTAINED IN A CONDITION OF PRESERVATION VISITS TO THE SITE BY STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
3. CONTRACTOR AGREEING SHALL HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE IN ANY WAY FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY OR SAFETY PRECAUTIONS AND PROGRAMS ON THE JOB SITE DURING CONSTRUCTION ACTIVITIES, SINCE THESE ARE SOLELY THE CONTRACTORS RESPONSIBILITY AND UNDER THE CONTROL OF THE CONTRACTOR.
4. STRUT ENGINEERING SHALL NOT BE RESPONSIBLE FOR CONTRACTORS SCHEDULE OR FAILURES TO CARRY OUT ANY CONSTRUCTION ACTIVITIES IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR SHALL NOT HAVE CONTROL OVER OR CHARGE OF ACTIONS OF CONTRACTOR, SUB-CONTRACTOR, OR ANY OF THEIR AGENTS, OR EMPLOYEES, OR ANY CONTRACTORS PERFORMANCE OR ACTIONS OR ANY OF THEIR ACTIVITIES.
5. THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. TEMPORARY BRACING IS REQUIRED FOR ALL STAGES OF CONSTRUCTION. ALL INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR.
6. CONTRACTOR IS TO STANDARD SPECIFICATIONS OR CODES OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE STANDARD IN EFFECT AS OF THE DATE OF THE CONTRACT DOCUMENTS, UNLESS OTHERWISE SPECIFIED.
7. CONTRACT DOCUMENTS SHALL STAND IN THE EVENT OF A CONFLICT WITH STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION.
8. NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION OR CODE, WHETHER OR NOT SPECIFICALLY INCORPORATED INTO THE CONTRACT DOCUMENTS, SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR OR CONTRACTORS ENGINEER, CONTRACTOR OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS. NOR SHALL IT BE EFFECTIVE TO ASSIGN TO ANY OTHER PARTY ANY OF THE ENGINEERING ENGINEERS CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE IF ANY OF ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT IS CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENT.
9. CONTRACTORS AND CONSULTANTS AND EMPLOYEES OF CONTRACTORS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK. WHEN THIS PROCEDURE IS NOT FOLLOWED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE WORK WHEN THE ENGINEER DETERMINES THAT WORK TO BE INADEQUATE.
10. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS AT THE JOB SITE. ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND THE CONDITIONS INDICATED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
11. SEE DOCUMENTS FROM OTHER DISCIPLINES FOR FLOOR, WALL, AND ROOF OPENINGS, TRENCHES, PITS, PIPE SLEEVES, EQUIPMENT PADS, METAL PANELS, MISCELLANEOUS OPENINGS, ETC.
12. DO NOT PLACE PIPS, CUTS, CHASES, ETC. IN STRUCTURAL BEAM AND COLUMN MEMBERS. DO NOT CUT OR STRUCTURE BEAM OR COLUMN MEMBERS. ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND THE CONDITIONS INDICATED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
13. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM STRUCTURAL ENGINEER FOR INSTALLATION OF SUCH PIPS, DUCTS, CHASES, ETC.
14. DETAIL S LABELLED "TYPICAL" ON THE STRUCTURAL DRAWINGS APPLY TO ALL LOCATIONS OCCURRING ON THE DRAWING UNLESS THE DETAIL IS SPECIFIC TO THOSE LOCATIONS SPECIFICALLY INDICATED. WHERE A DETAIL IS NOT INDICATED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR CONDITIONS.

1. ALL SUBMITTALS PREPARED BY SUBCONTRACTORS SHALL BE REVIEWED BY CONTRACTOR PRIOR TO SUBMITTING TO ARCHITECT.
2. ACTIVE ENGINEERING ASSAULTS NO RESUBMITTALS FOR ANY MISUSE, MODIFICATION, OR MISREPRESENTATION OF ANY INFORMATION CONTAINED IN ANY ELECTRONIC MEDIA TRANSFERRED. NTIVE ENGINEERING SHALL BE RESPONSIBLE FOR ANY CLAIM, CLAIM OF INFRINGEMENT, OR DAMAGES OR COSTS ARISING OUT OF, OR RESULTING FROM THE USE OF SAID SUBMITTALS. UTILIZATION OF THE ELECTRONIC DOCUMENTS IS AT RECIPIENT'S OWN RISK.
3. ALL SUBMITTALS REVIEWED BY STRUCTURAL ENGINEER ARE REVIEWED FOR CONFORMANCE WITH THE DESIGN CRITERIA AND THE CONTRACT AND GENERAL COMPLIANCE WITH THE INFORMATION INCLUDED IN THE CONTRACT DOCUMENTS. FOR ANY ACTION TAKEN THAT CONTRADICTS TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, CONTRACTOR IS RESPONSIBLE FOR CORRELATING PROCESSES AND TECHNIQUES OR CONSTRUCTION, AND FOR THE ADEQUACY OF THE INFORMATION WITH THAT OF THE CONTRACT DOCUMENTS.
4. ALL SUBMITTALS SHALL BE REVIEWED BY THE ENGINEER FOR COMPLIANCE AND CONFORMANCE TO THE CONTRACT DOCUMENTS. SUBMITTALS SHALL BE REVIEWED AND RETURNED WITH THE FOLLOWING COMMENTS AFTER BEING RECEIVED BY THE ENGINEER:

CONCRETE MIX DESIGNS

10 WORKING DAYS
5. CONTRACTOR DESIGNED ELEMENTS SHALL BE REVIEWED BY LICENSED PROFESSIONAL ENGINEERS REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, DESIGN LOAD DATA, AND PROPOSED REACTION FORCES TO THE ENGINEER. REACTION FORCES DESIGNED FOR LOADS SPECIFIED IN THE CONTRACT DOCUMENTS OR IN THE BUILDING CODE. ALL DOCUMENTS AND REACTION FORCES SHALL BE REVIEWED. COMMENTS INDICATED ARE NOT SUFFICIENT, SUBMIT A WRITTEN REQUEST FOR ADDITIONAL INFORMATION TO THE ARCHITECT. THE FOLLOWING ELEMENTS AND THEIR COMMENTS SHALL BE REVIEWED:

STRUCTURAL STEEL CONNECTIONS NOT DETAILLED OR SHOWN ON THE CONTRACT DRAWINGS

10 WORKING DAYS

STEEL STAIRS AND HANDRAILS

10 WORKING DAYS

PREFABRICATED METAL BUILDINGS

10 WORKING DAYS

STRUCTURAL LIGHT GAUGE FRAMING INCLUDING EXTERIOR WALLS

10 WORKING DAYS

1. ALL FOUNDATIONS SHALL BE SUPPORTED ON APPROVED EXISTING SUBGRADE OR APPROVED COMPACTED STRUCTURAL FILL HAVING A MINIMUM BEARING CAPACITY OF 3000 PSF AS INDICATED ON THE GEOTECHNICAL ENGINEERING REPORT AS PREPARED BY GESTRA ENGINEERING, INC. DATED 04/14/2012.
2. THE CONTRACTOR ASSUMES NO RESPONSIBILITY FOR THE VALIDITY OF THE SUBSURFACE CONDITIONS DESCRIBED IN THE DRAWINGS, SPECIFICATIONS, FOUNDATIONS OR GEOTECHNICAL REPORTS. THE CONTRACTOR IS REQUIRED TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION, AND TO REPRESENT CONDITIONS ONLY AT SPECIFIC LOCATIONS AT THE PARTICIPATION OF THE OBSERVERS.
3. ALL EXTERIOR FOUNDATIONS SHALL BEAR ON APPROVED SUBGRADE AT A MINIMUM DEPTH OF 4'-0" BELOW FINISHED GRADE.
4. FOOTING ELEVATIONS SHOWN ON THE DRAWINGS REPRESENT ESTIMATED DEPTHS AND ARE NOT TO BE CONSTRUED AS LIMITING THE AMOUNT OF EXCAVATION REQUIRED TO OBTAIN SUITABLE SUBGRADE.
5. THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS IN ALL EXCAVATIONS AS REQUIRED TO PREVENT HORIZONTAL MOVEMENT OR COLLAPSE OF THE EXCAVATION WALLS OR SLOPES, AND SHALL WHICH WILL ENDANGER LIVES OR PROPERTY.
6. THE CONTRACTOR SHALL MAINTAIN CONTROL OF SURFACE AND SUBSURFACE WATER PROMPTLY TO INSURE THAT ALL FOUNDATION WORK IS PERFORMED IN A DRY CONDITION.
7. FOUNDATIONS SHALL NOT BE PLACED ON FROZEN SUBGRADE.
8. THE CONTRACTOR SHALL PROTECT IN-PLACE FOUNDATIONS AND SLABS-ON-GRADE FROM FROST PENETRATION AND DAMAGE TO THE COMPLETE.
9. FOUNDATION WALLS SHALL BE BRACED DURING BACKFILLING, AND DURING COMPACTION OPERATIONS. BRACING SHALL BE LEFT IN PLACE UNTIL PERMANENT STRUCTURAL SUPPORT SYSTEMS ARE INSTALLED AND APPROVED BY THE ENGINEER.
10. WHERE FOUNDATION WALLS HAVE FILL ON BOTH SIDES, BACKFILLING SHALL BE COMPLETED UNILATERALLY.

1. PRE-ENGINEERED METAL BUILDING WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:
 - A) AISI - "SPECIFICATION FOR DESIGN, FABRICATION AND ERECTION OF STEEL FOR BUILDINGS"
 - B) AISI - "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"
 - C) AWS D1.1 - "STRUCTURAL WELDING CODE - STEEL"
 - D) AISI - "STRUCTURAL STEEL DETAILING MANUAL"
 - E) MEMA - "METAL BUILDING SYSTEMS MANUAL"
 - F) DESIGN LOADS AND CRITERIA LISTED ON THE DRAWINGS.
2. THE PRE-ENGINEERED METAL BUILDING (PEMB) SHALL BE DESIGNED AND FABRICATED BY A MEMA MEMBER MANUFACTURER
3. THE PEMB MANUFACTURER SHALL PROVIDE STAMPED DRAWINGS AND CALCULATIONS BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE JURISDICTION IN WHICH THE BUILDING IS LOCATED.
4. THE PEMB MANUFACTURER SHALL CONFORM TO THE FOLLOWING DEFLECTION CRITERIA:
 - A) AISI - "DESIGN GUIDE #3 SERVICEABILITY DESIGN CONSIDERATIONS FOR STEEL BUILDING" UNLESS NOTED OTHERWISE ON THE DRAWINGS
 - B) ANCHOR RODS SHALL BE PRESET WITH TEMPLATES
 - C) LEVELING PLATES AND BEARING PLATES SHALL BE SET IN A FULL BED OF NON-SHRINKING GROUT
5. THE PEMB MANUFACTURER SHALL BE RESPONSIBLE FOR ALL CONNECTIONS, STIFFENERS ETC. REQUIRED TO SAFELY ERECT THE BUILDING, THE PEMB MANUFACTURER IS RESPONSIBLE FOR PROVIDING AND INSTALLING HOLES SHOWN PASSING THROUGH THE PEMB STEEL ON THE DRAWINGS.
6. THE PEMB MANUFACTURER SHALL PROVIDE FOUNDATION REACTION, STIFFENERS AND CONNECTIONS AND BEARING PLATES IN THE FOLLOWING MANNER, CHANGES TO, OR OMISSIONS OF REACTIONS, ETC. BY THE PEMB MANUFACTURER THAT REQUIRE REDESIGN OF THE FOUNDATIONS WILL REQUIRE ADDITIONAL ENGINEERING FEES.
7. ALL WELDS SHALL USE WELD METAL CONFORMING TO E70XX AND CONFORMING TO AWS WELDING PROCEDURES AND STANDARDS.
8. ALL WELDS SHALL BE MADE BY WELDS CERTIFIED WELDERS CERTIFIED IN THE POSITION IN WHICH THE WELD IS TO BE MADE.
9. THE ERECTION OF ANY STRUCTURAL STEEL MEMBERS SHALL NOT COMMENCE UNTIL ALL SUPPORTING CONCRETE OR FOUNDATION ELEMENTS HAVE ATTAINED AT LEAST 75% OF THEIR INTENDED MINIMUM COMpressive STRENGTH.
10. THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND ANCHOR RODS AS REQUIRED FOR THE SAFETY OF THE ERECTION. STEEL AND TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL PERMANENT BRACING HAS BEEN INSTALLED AND FLOOR SLAB CONCRETE HAS ATTAINED 75% OF ITS REQUIRED STRENGTH.
11. STRUCTURAL STEEL SHALL BE TRUE AND PLUMB BEFORE FINAL BOLTING OR WELDING OF CONNECTIONS.
12. THE CONTRACTOR SHALL NOT MODIFY OR CUT ANY STRUCTURAL STEEL WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD AND PEMB MANUFACTURER.
13. THE CONTRACTOR SHALL FIELD TOUCH UP ALL ABRASIONS, BURNS, AND SIMILAR DEFECTS IN PAINT OF STRUCTURAL STEEL.

1. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING STANDARDS:

- A) ACI 301 – "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
- B) ACI M207 – "MANUAL OF CONCRETE PRACTICE".
- C) ACI 318 – "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
- D) ACI 318.1 – "BUILDING CODE REQUIREMENTS FOR STRUCTURAL PLAIN CONCRETE".

2. CONCRETE SLAB HAVE A MINIMUM 28 DAY ULTIMATE COMPRESSIVE STRENGTH AS FOLLOWS:

A) SLABS ON GRADE	4000 PSI
B) FOOTINGS	3000 PSI
C) PIERS & FROST WALLS	4000 PSI

3. ALL CONCRETE EXPOSED TO WEATHER TO BE AIR ENTRAINED WITH 5% - 8% AIR ENTRAINMENT.

4. ALL CONCRETE IS TO BE NORMAL WEIGHT CONCRETE UNLESS NOTED OTHERWISE.

5. ALL CONCRETE PLATWORK EXPOSED TO WEATHER TO BE FREE OF LIGNITE AND OTHER DETERIMENTAL WATER SOLS.

6. THE COARSE AGGREGATE SHALL BE WELL GRADED #57 Stone WITH A MAXIMUM AGGREGATE SIZE OF 3/4". AGGREGATE FOR SLABS ON GRADE MAY HAVE A MAXIMUM AGGREGATE SIZE OF 1".

7. THE SLUMP OF THE CONCRETE SHALL BE 4". IF A HIGH RANGE WATER REDUCER IS USED SLUMP PRIOR TO THE ADDITION OF THE WATER REDUCER SHALL BE 4". THE SLUMP SHALL NOT EXCEED 10" AFTER THE ADDITION OF A HIGH RANGE WATER REDUCER.

8. MINIMUM CEMENTITIOUS REQUIREMENTS:

A) 3000 PSI CONCRETE:	517 LBS/CU. YD.
B) 4000 PSI CONCRETE:	564 LBS/CU. YD.
C) MAXIMUM FLYASH CONTENT:	15%

9. MAXIMUM WATER CEMENT RATIO:

A) AIR ENTRAINED CONCRETE:	0.45
B) NON AIR ENTRAINED CONCRETE:	0.50

11. CONCRETE DESIGN SUBMITTALS SHALL INCLUDE A HISTORY OF BREAKS ACCORDING TO ACI 318.

12. PROTECTION FOR REINFORCING BARS:

UNIFORMED SURFACES IN CONTACT WITH SOIL	3"
FORMED SURFACES EXPOSED TO SOIL OR WEATHER	
#6 BARS AND LARGER	2"
#6 BARS AND SMALLER	1 1/2"
FORMED SURFACES NOT EXPOSED TO SOIL OR WEATHER	
PIERS	1 1/2"
SLABS	
#11 BARS AND SMALLER	3/4"

13. CONSTRUCTION JOINTS IN WALLS TO BE KEPT AND PLACED AT APPROVED LOCATIONS.

14. ALL COLUMN CORKETS TO BE FILLED WITH CONCRETE AFTER COLUMN IS ERECTED.

15. SLEEVES AND OPENINGS IN BEAMS, JOISTS AND SLABS NOT SHOWN ON STRUCTURAL DRAWINGS ARE NOT PERMITTED, UNLESS APPROVED BY THE ENGINEER.

16. WATERSTOPS

- A) SEE ARCHITECTS DRAWINGS FOR WATERSTOPS.
- B) WATERSTOPS TO BE EXPANDING CLAY (BENTONITE OR EQUAL) UNLESS NOTED OTHERWISE.
- C) PROVIDE WATERSTOPS IN ALL BELOW GRADE FOUNDATION WALL CONSTRUCTION JOINTS.

1. MAXIMUM SPACING OF CONSTRUCTION AND/OR CONTROL JOINTS IN SLAB-ON-GRADE CONSTRUCTION SHALL BE 18'-0" O.C. MAX. JOINTS SHALL BE PLACED TO PROTECT PANELS THAT ARE AS SQUARE AS POSSIBLE AND NEVER EXCEEDING A LENGTH TO WIDTH RATIO OF 1.5 TO 1.
2. CONSTRUCTION AND/OR CONTROL JOINTS FOR SLAB-ON-GRADE CONSTRUCTION SHALL BE LOCATED ON COLUMN LINES.
3. CONSTRUCTION OR CONTRACTION JOINTS IN CONCRETE FOUNDATION WALLS SHALL BE SPACED AT 20'-0" ON CENTER MAXIMUM.

1. ALL REINFORCING STEEL SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:
 - A) ACI 315 - "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT"
 - B) ACI 318 - "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
 - C) MSP - "CSI MANUAL OF STANDARD PRACTICE"
 - D) AWS D1.4 - "STRUCTURAL WELDING CODE - REINFORCING STEEL"
2. EEL WIR - "WELDED WIRE FABRIC MANUAL OF STANDARD PRACTICE"
3. WELDED REINFORCING FABRIC SHALL CONFORM TO ASTM A185, 60 KSI YIELD POINT DEFORMED BARS IN ACCORDANCE WITH LATEST ASTM SPECIFICATIONS UNLESS NOTED OTHERWISE.
4. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
5. ALL REINFORCING BARS TO BE DETAILD AND PLACED IN ACCORDANCE WITH THE ACI "MANUAL OF STANDARD PRACTICE" SPECIFICATIONS FOR "CONCRETE STRUCTURES" SPECIFICATIONS. CONTINUOUS BARS TO BE LAPPED.
6. ONLY REBAR CONFORMING TO ASTM A706 REBAR MAY BE WELDED.
7. PROVIDE (2) #5 DIAGONALS FOR EACH LAYER AT EACH CORNER OF OPENINGS.
8. PROVIDE CORNER BARS IN THE OUTSIDE FACE AND AT WALL JUNCTURES MATCHING HORIZONTAL WALL BARS. USE (3) #5 VERTICAL CONSTRUCTION RODS AT CORNERS.
9. LAP SPICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE UNLESS NOTED OTHERWISE.
10. WELDED WIRE FABRIC SHALL LAP A MINIMUM OF 6" AND BE TIED TOGETHER.

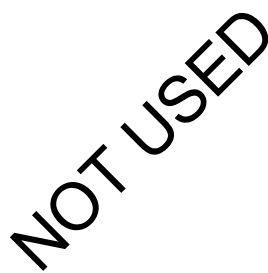
1. SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING CODE AND CHAPTERS 195-10 TO 195-14, INCLUDING TABLES AND NOTES 4, FOR SPECIAL INSPECTION REQUIREMENTS (S).
2. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL, OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND SPECIAL INSPECTOR. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR, AND IF NOT CORRECTED, SHALL BE REPORTED TO BUILDING OFFICIAL, OWNER, ARCHITECT, AND STRUCTURAL ENGINEER.
3. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT STATING THAT THE STRUCTURAL WORK WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4. THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS: (REFER TO THE BUILDING CODE AND SPECIFICATIONS FOR DETAILED INSPECTION REQUIREMENTS).
CONCRETE CONSTRUCTION
SOILS
5. NTRIVE IS NOT RESPONSIBLE FOR PERFORMING SAID SPECIAL INSPECTIONS.

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GENERAL NOTES

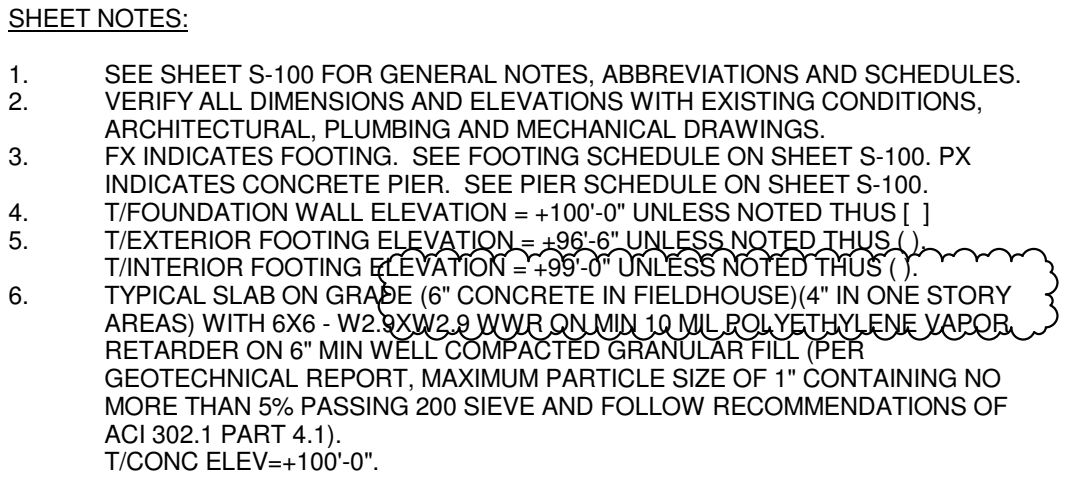
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FOOTING SCHEDULE				$f_c = 3000 \text{ psi}$ $f_s = 3000 \text{ psi}$		
MARK	SIZE			REINFORCING		
	L	S	D	LONG BARS	SHORT BARS	
F5	5'-0"	5'-0"	1'-6"	6 #4	6 #4	
F7	7'-0"	7'-0"	2'-0"	8 #5	8 #5	(4) 3/4" Ø x 9" EMBED
F8	8'-0"	8'-0"	1'-6"	9 #6	9 #6	
F10	10'-0"	10'-0"	2'-0"	11 #5	11 #5	(4) 1" Ø x 12" EMBED
F11	11'-6"	11'-6"	2'-0"	13 #5	13 #5	(4) 1" Ø x 12" EMBED

	EAST WALL MODIFICATIONS	08.18.2015
	IFC - OVERALL BUILDING	10.26.2015

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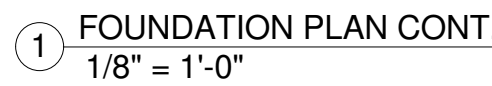
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FOUNDATION PLAN

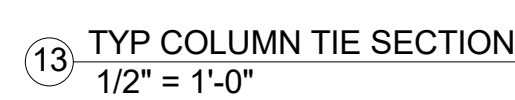
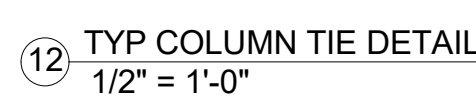
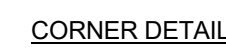
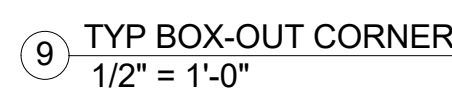
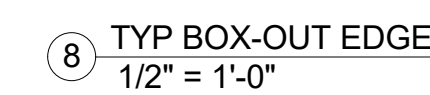
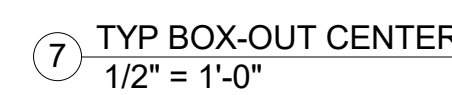
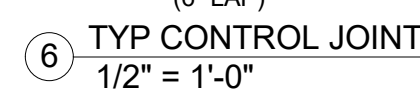
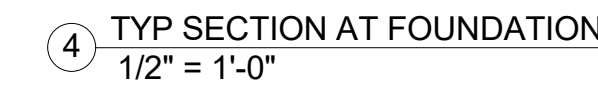
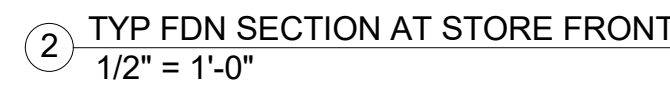
Date 2/10/2016 6:40:52 PM

S-200

Scale $1/8" = 1'-0"$



- SHEET NOTES:**
1. SEE SHEET S-100 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
 2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS.
 3. ALL STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING:
 4. IBC INDICATES FOOTING. SEE FOOTING SCHEDULE ON SHEET S-100. PX INDICATES CONCRETE PIER. SEE PIER SCHEDULE ON SHEET S-100.
 5. FOUNDATION WALL SHALL BE CONCRETE. SEE CONCRETE SCHEDULE ON SHEET S-100.
 6. EXTERIOR FOOTING ELEVATION = .86' 6" UNLESS NOTED THIS IS THE EXTERIOR FINISH ELEVATION.
 7. ALL CONCRETE SHALL BE 3000 PSI MINIMUM STRENGTH.
 8. TYPICAL SLAB ON GRADE (6" CONCRETE IN FIELD/HOUSE) IN ONE STORY AREAS WITH 6"x8" W/2" BARS @ 12" O.C. MINIMUM. HOUSE SLAB (HARDENED CONCRETE) ON 6" MIN. WELL COMPACTED GRADE OR FILL PER GEOTECHNICAL REPORT. MAXIMUM PARTICLE SIZE OF 1" CONTAINING NO MORE THAN 5% PASSING 200 SIEVE AND FOUR PERCENTATIONS OF A-301 302.1 PART 4.1.
 9. T/CONE ELEV.=100'-0"



Xcel
Sports Complex

Date 10/26/2015 9:59:52 AM

Scale	As indicated
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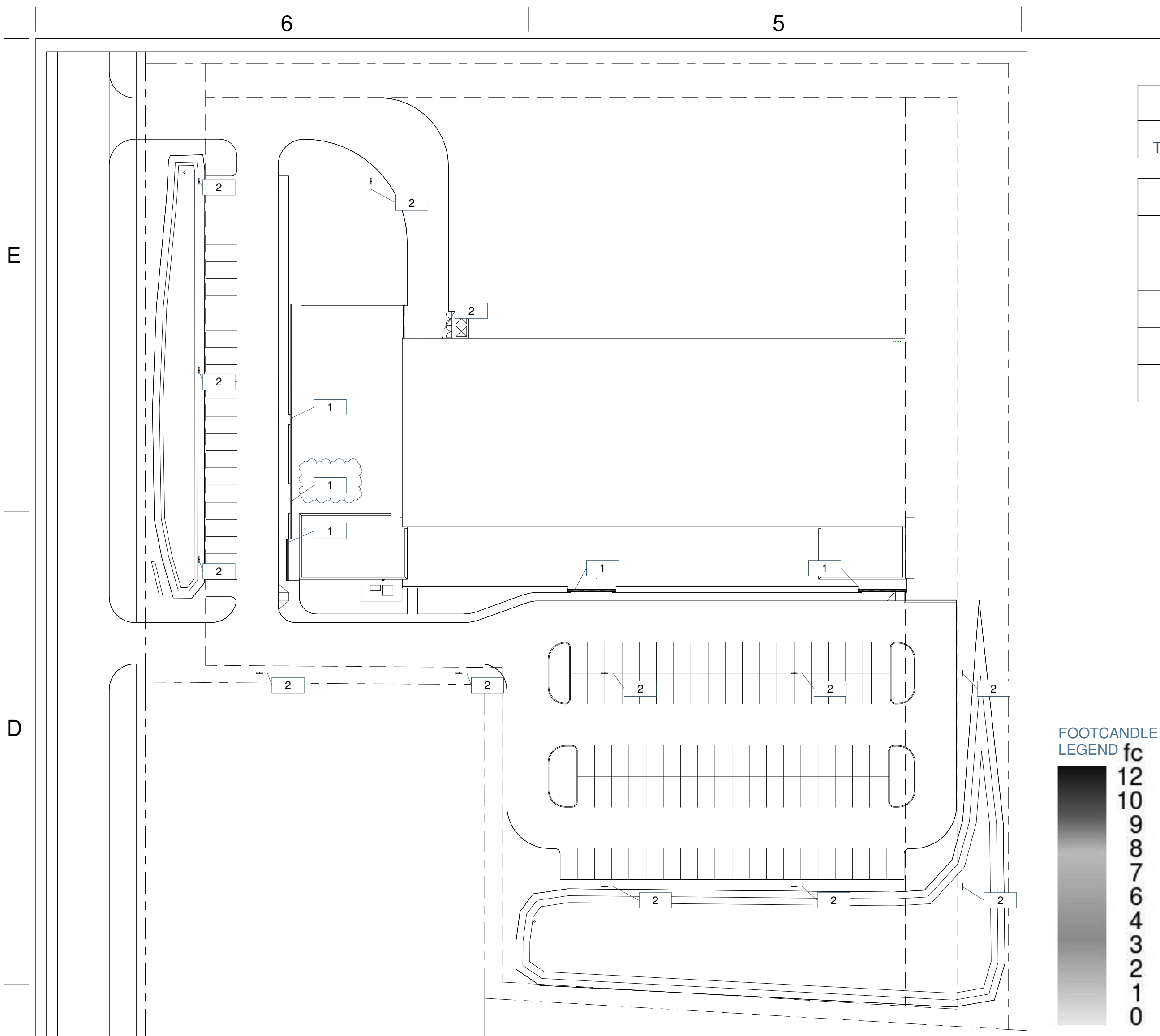
Xcel
Sports Complex

Site Plan

Date 2/10/2016 4:01:29 PM

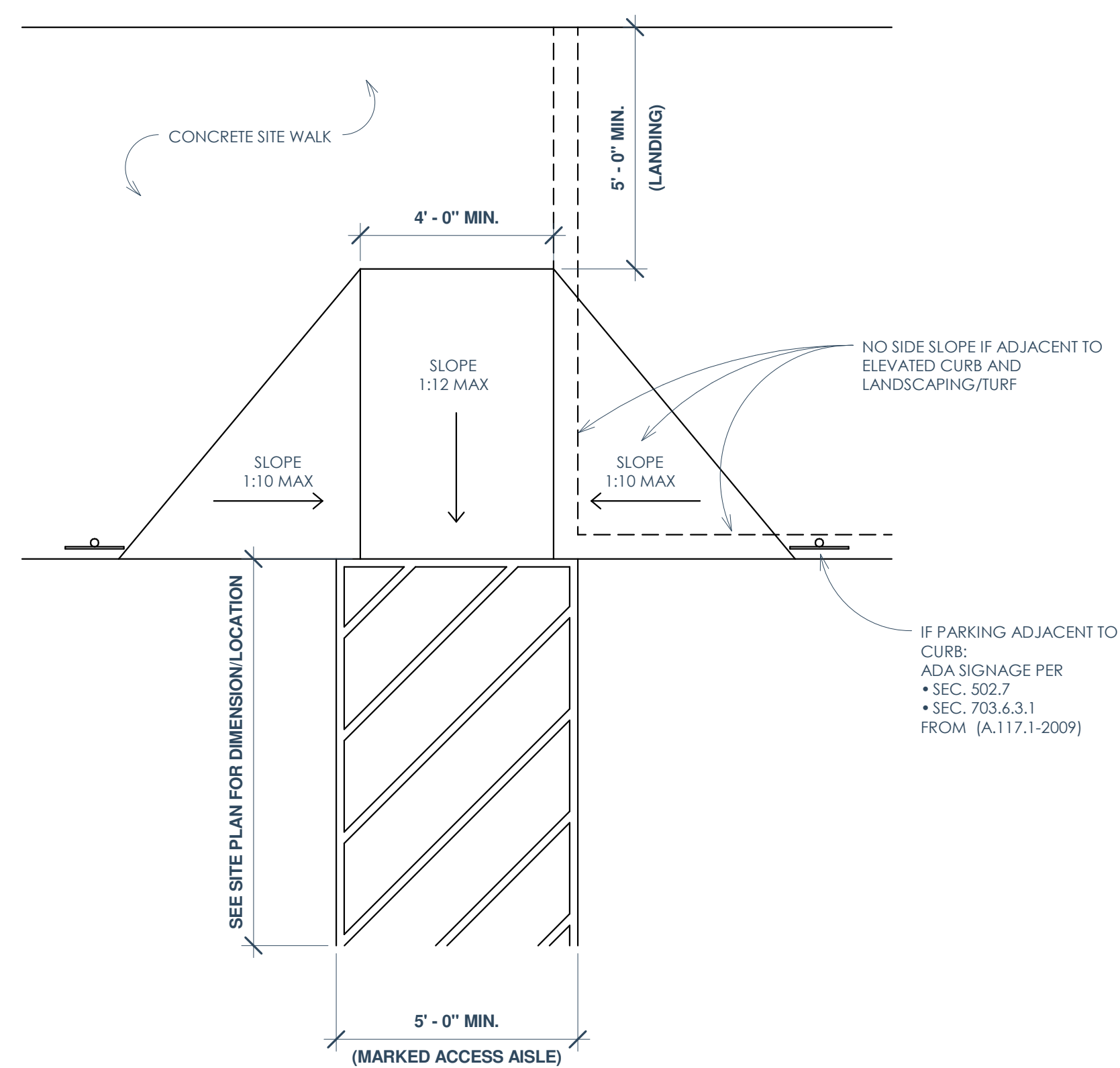
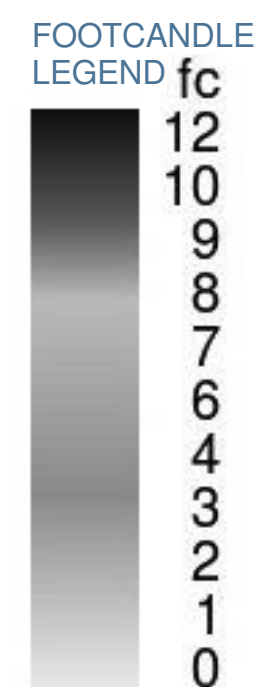
A-100.A

Scale $3/64" = 1'-0"$



6C Site Lighting Plan
1" = 50'-0"

Lighting Fixture Schedule											
Type Mark	Stock Number	Type	Location	Count	Manufacturer	Luminous Flux	Initial Color Temperature	Mounting	Accessories	URL	
1	DI-0214	SUNRISE LED Light Bar	Clinic Entrance	12	Diode LED	270 lm	6300 K	At edge of eave--directed at building	Wet Location LED Connectors	http://www.diodeled.com/sunrise-led-light-bar/	
1	DI-0214	SUNRISE LED Light Bar	Clinic Exit	14	Diode LED	270 lm	6300 K	At edge of eave--directed at building	Wet Location LED Connectors	http://www.diodeled.com/sunrise-led-light-bar/	
1	DI-0214	SUNRISE LED Light Bar	Fitness Center Entrance	14	Diode LED	270 lm	6300 K	At edge of eave--directed at building	Wet Location LED Connectors	http://www.diodeled.com/sunrise-led-light-bar/	
1	DI-0214	SUNRISE LED Light Bar	Xcel Entrance	14	Diode LED	270 lm	6300 K	At edge of eave--directed at building	Wet Location LED Connectors	http://www.diodeled.com/sunrise-led-light-bar/	
2	CTKR1V1A	The Caretaker LED	Loading	1	Cooper Lighting	5212 lm	5000 K	Wall Mounted - 10'-0" AFF	Small Acrylic Refractor (full cut-off shielding)	http://www.cooperindustries.com/content/public/en/lighting/products/area_site_lighting/_855683.html	
2	CTKR1V1A	The Caretaker LED	Parking Lot	24	Cooper Lighting	5212 lm	5000 K	(2) Fixtures Pole Mounted - 25'-0" AFF	Small Acrylic Refractor (full cut-off shielding)	http://www.cooperindustries.com/content/public/en/lighting/products/area_site_lighting/_855683.html	



6B ADA Curb Ramp
3/8" = 1'-0"

[illegible]

Xcel
Sports Complex

Site Lighting Details

Date 2/10/2016 4:04:03 PM

A-100.B

Scale	As indicated
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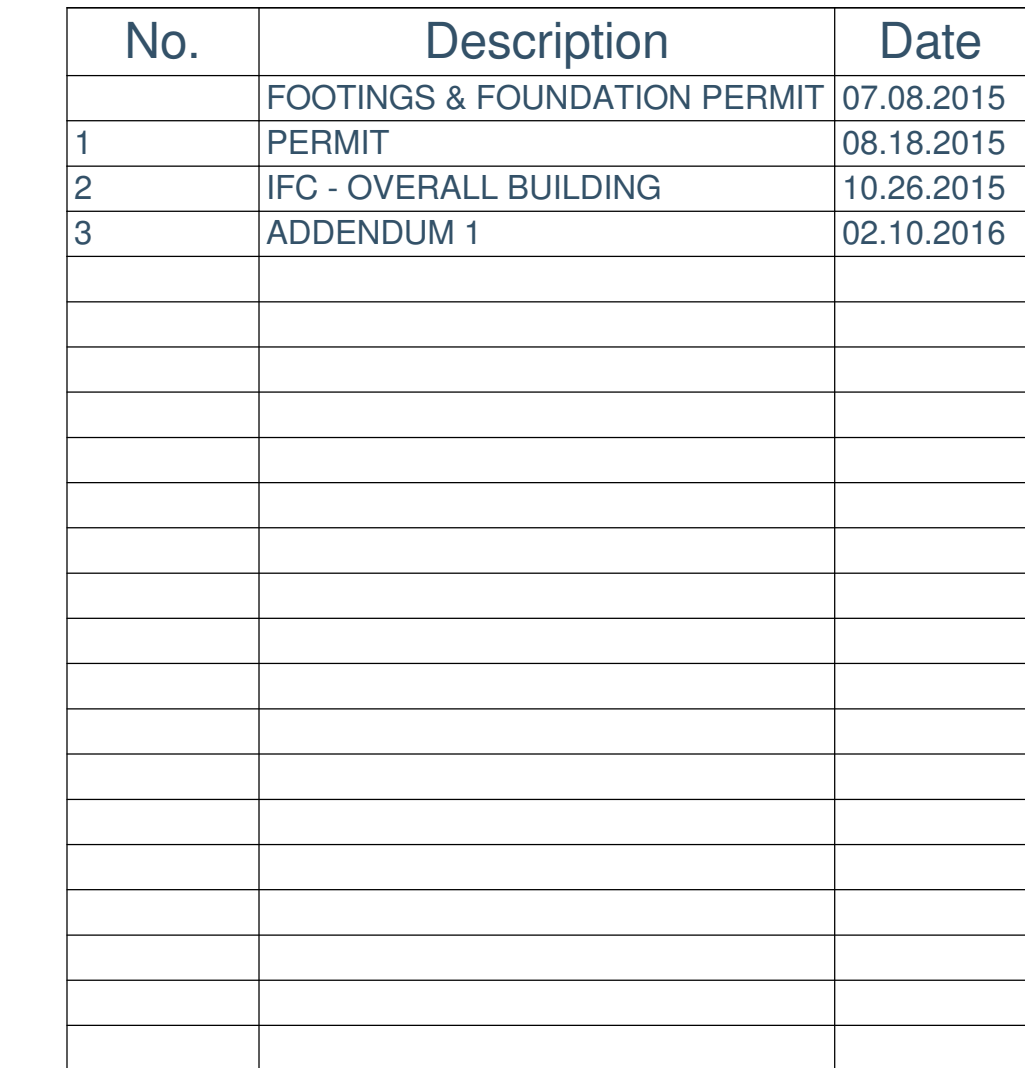
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Enlarged First Floor Plan (West)

A-101.A

Scale $1/8" = 1'-0"$

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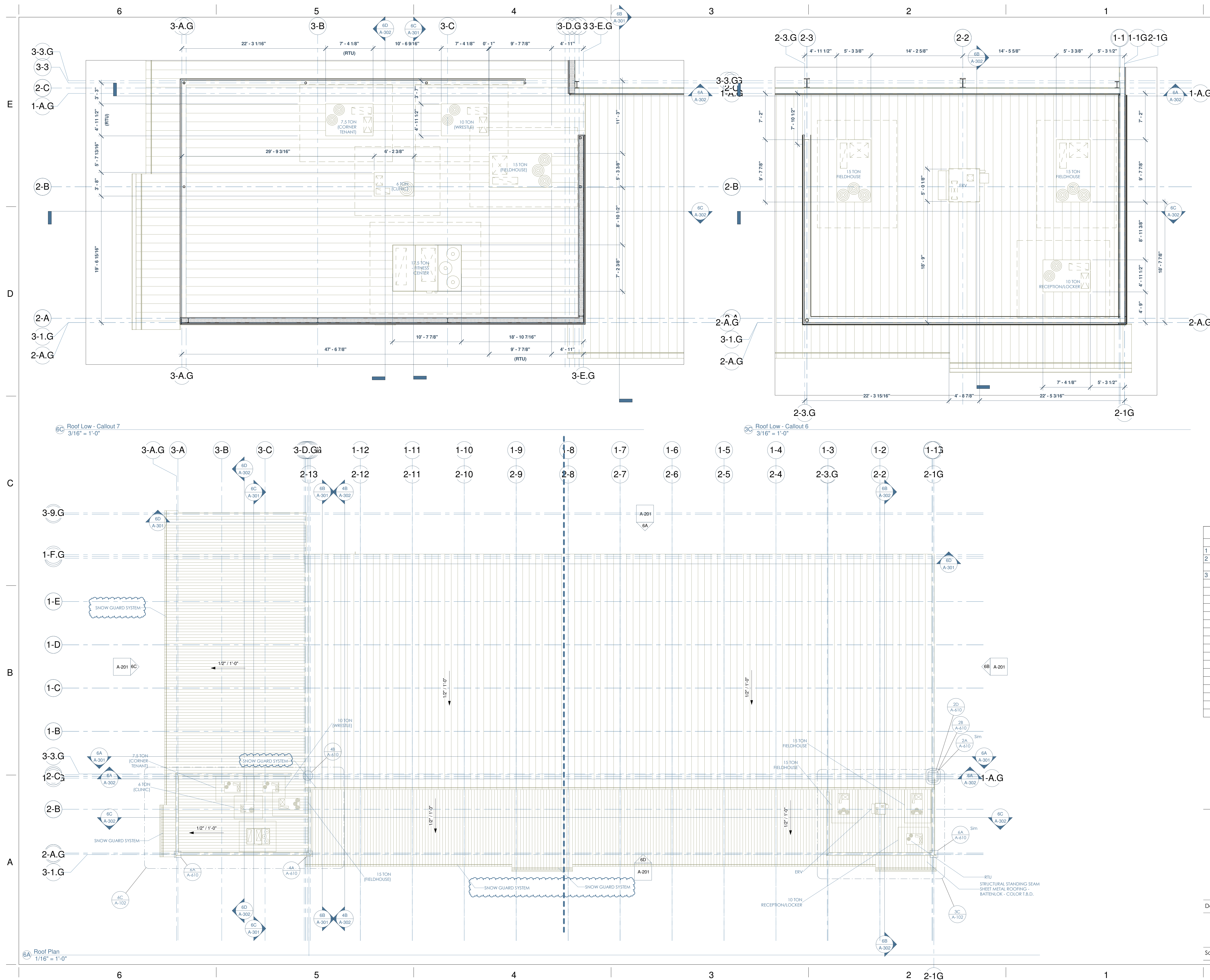
Xcel
Sports Complex

Enlarged First Floor Plan (East)

Date 2/15/2016 9:30:07 AM

A-101.B

Scale $1/8" = 1'-0"$



Xcel

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ICE

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NTRIVE
INDUSTRIAL ENGINEERING

FOREMOST BUILDINGS, INC.

WAKE COUNTY HEATING AND COOLING

AMERICAN CURRENT ELECTRIC
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Xcel
Sports Complex

Roof Plans

A-102

Date	2/10/2016 5:40:26 PM
A-102	
Scale	As indicated

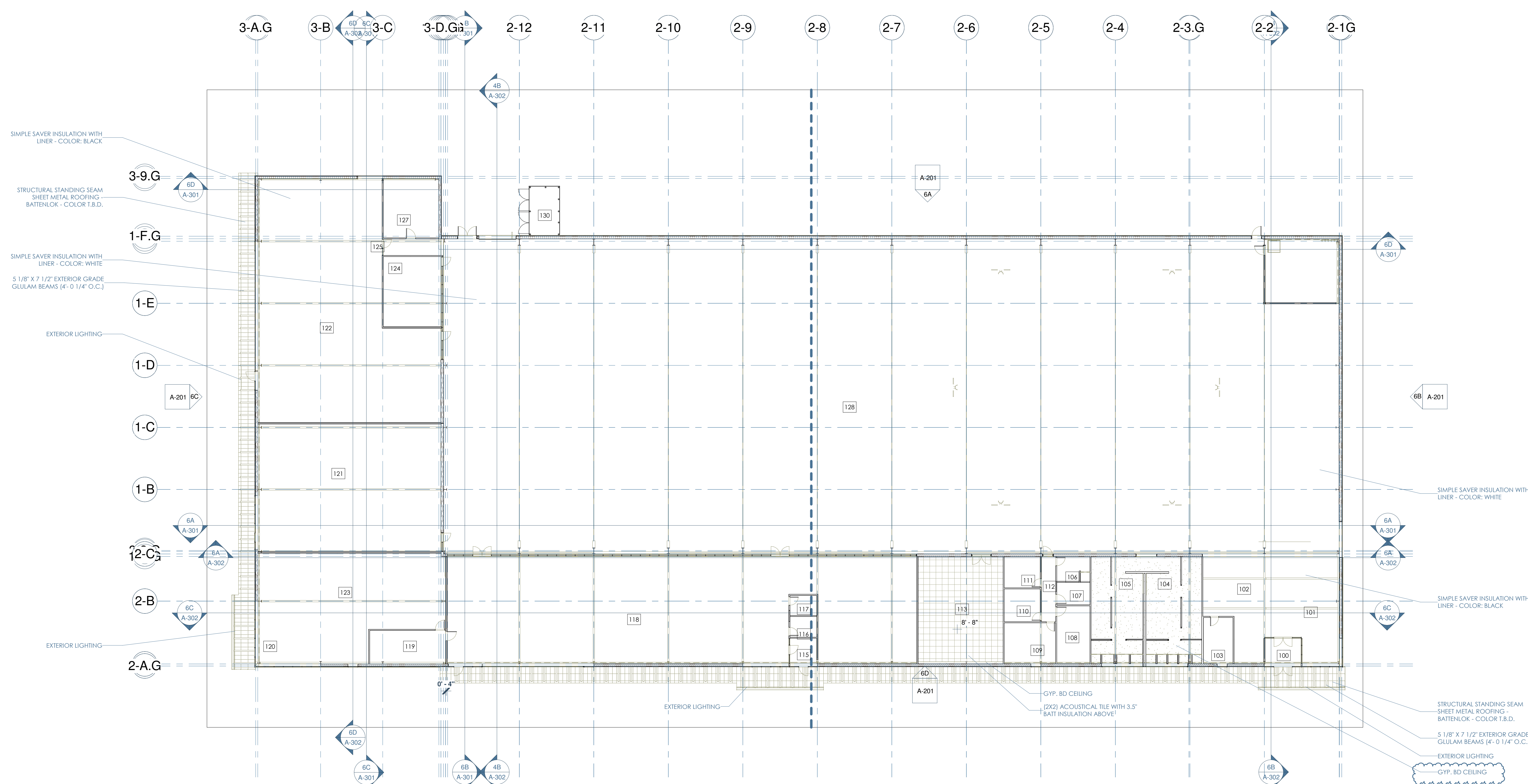
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Reflected Ceiling Plan

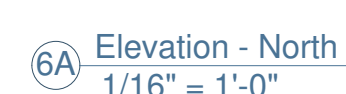
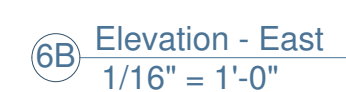
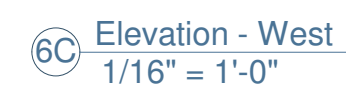
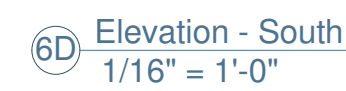
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A-111

Scale $1/16" = 1'-0"$



6A RCP - First Floor
1/16" = 1'-0"

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Elevations - Exterior

Date 2/10/2016 5:00:51 PM

A-201

Scale $1/16" = 1'-0"$

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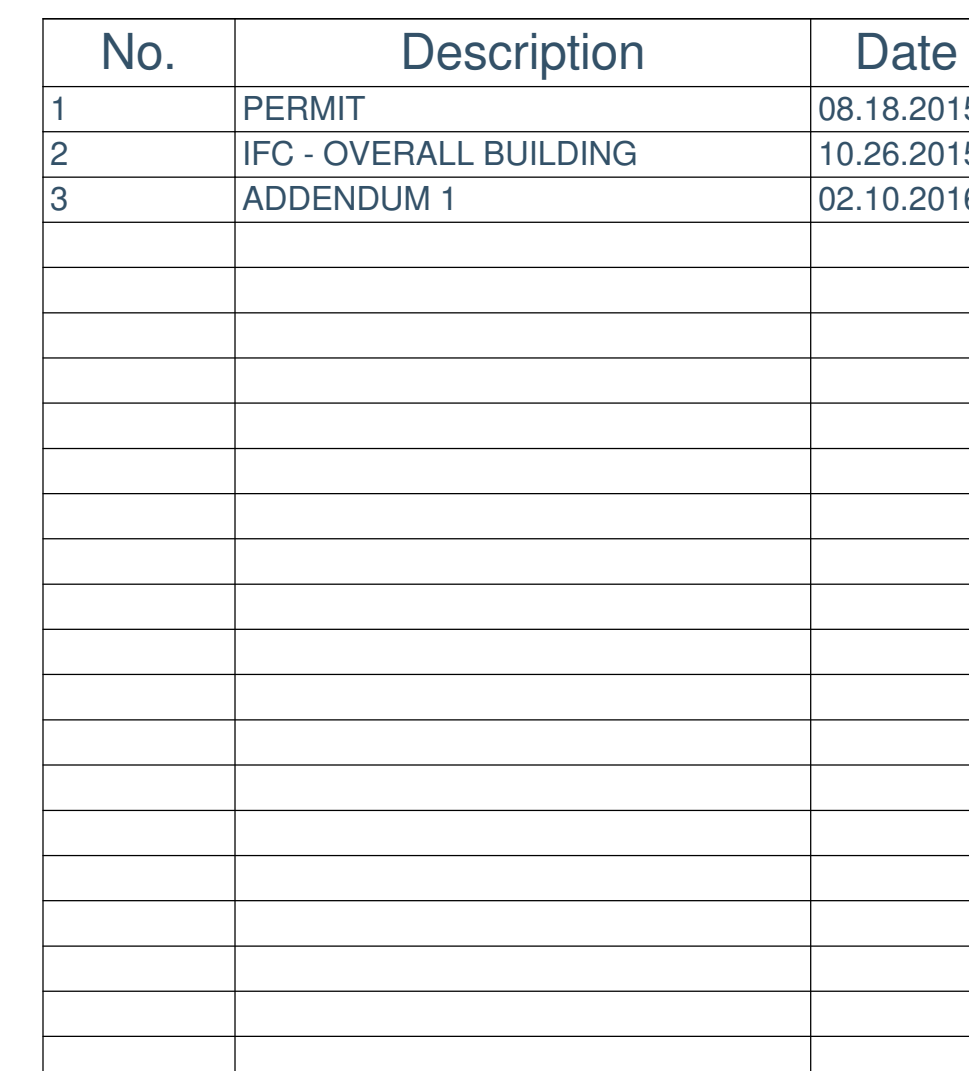
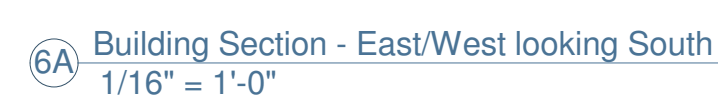
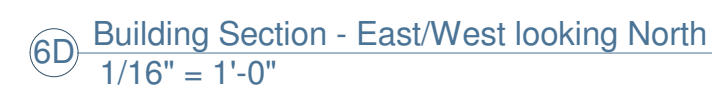
**KRAUSE
CUSTOM
BUILDERS**



GROUND AFFECTS
LANDSCAPING, INC.
PROFESSIONAL DESIGN AND INSTALLATION

**FOREMOST**
BUILDINGS, INC.

 Pelikan Plumbing LLC



Building Sections

Date 2/10/2016 5:42:01 PM

A-301

Scale $1/16" = 1'-0"$

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Xcel
Sports Complex

Building Sections

Date 2/10/2016 5:42:25 PM

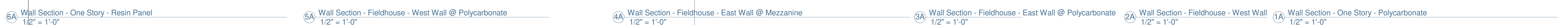
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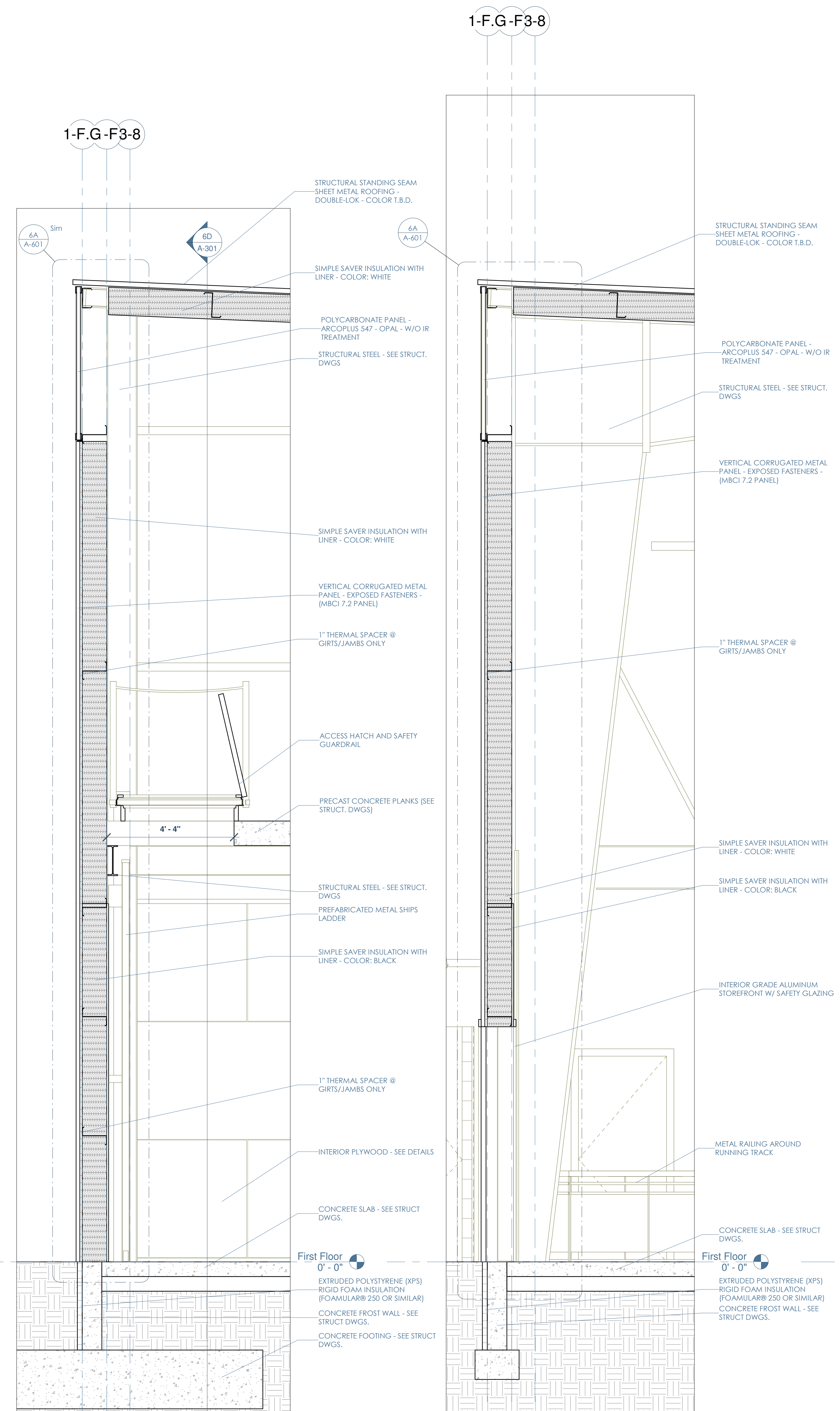
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Xcel
Sports Complex

A-401

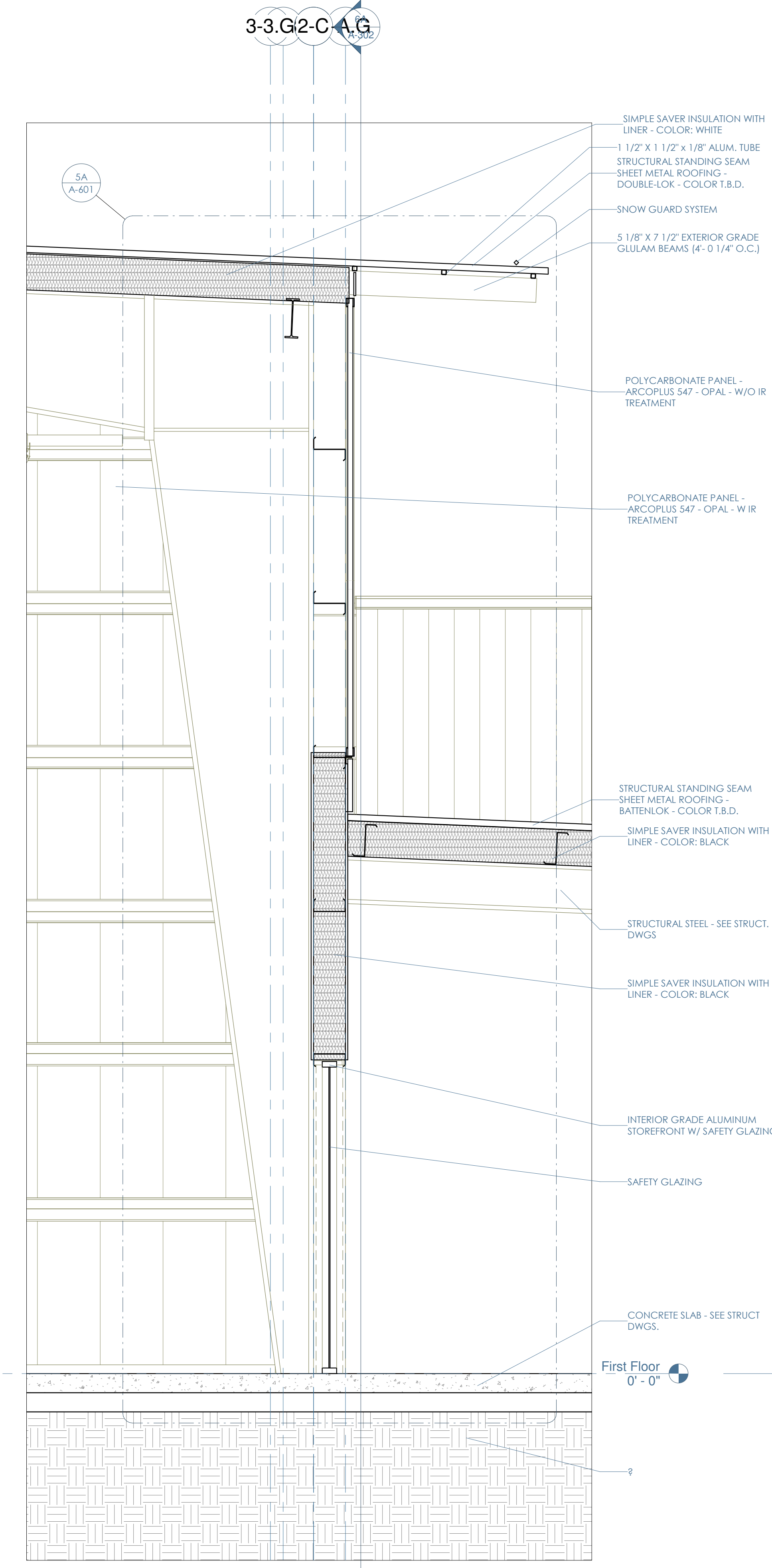
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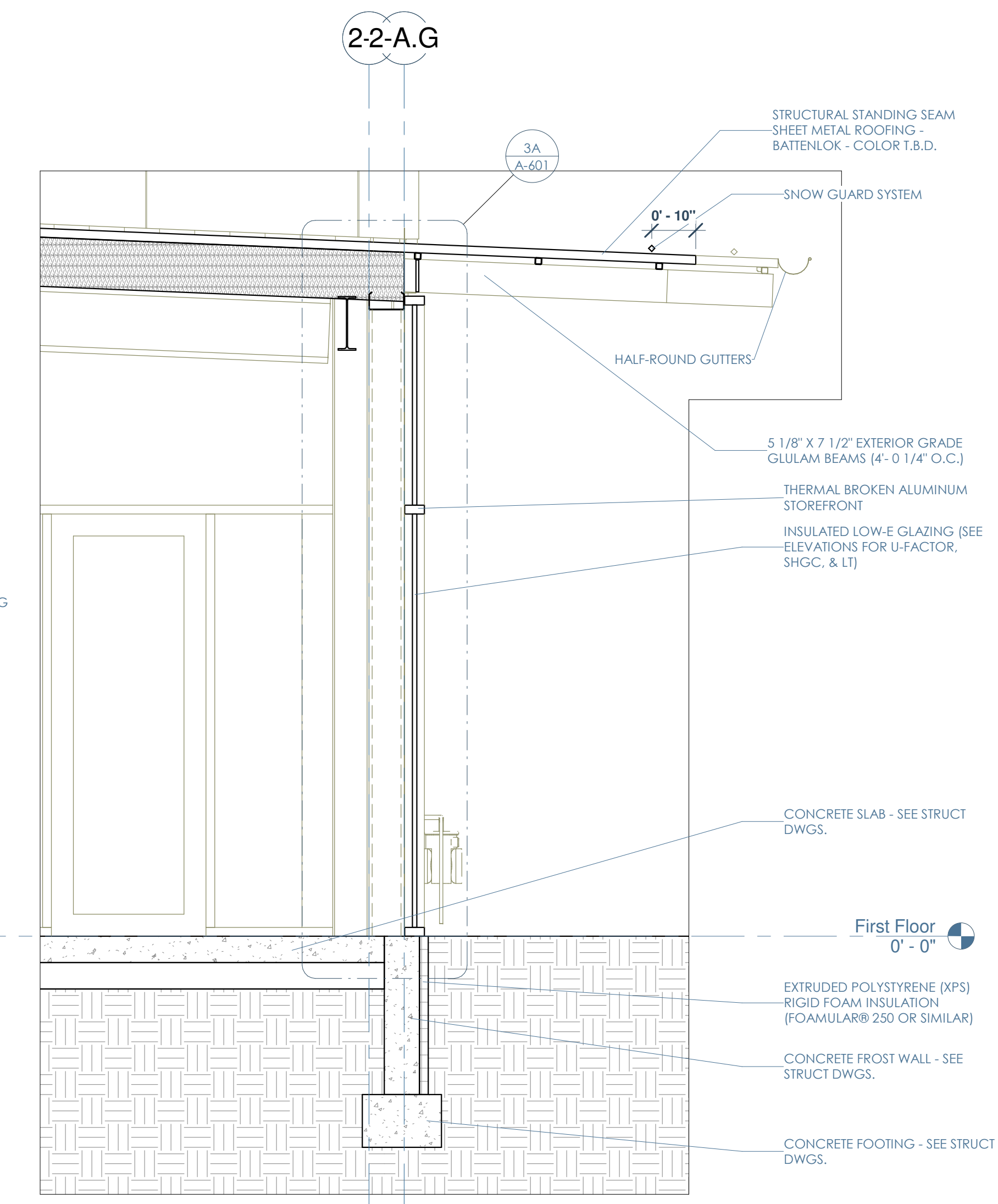


6A Wall Section - Fieldhouse - North Wall @ Mezzanine
1/2" = 1'-0"

5A Wall Section - Fieldhouse - North Wall
1/2" = 1'-0"



4A Wall Section - Fieldhouse - South Wall
1/2" = 1'-0"



2A Wall Section - One Story - Storefront
1/2" = 1'-0"







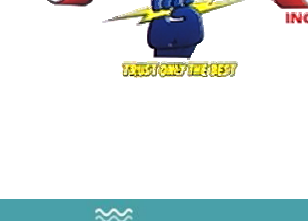












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[illegible]

Xcel
Sports Complex

Wall Sections

Date 2/10/2016 5:43:37 PM

A-402

Scale $1/2" = 1'-0"$



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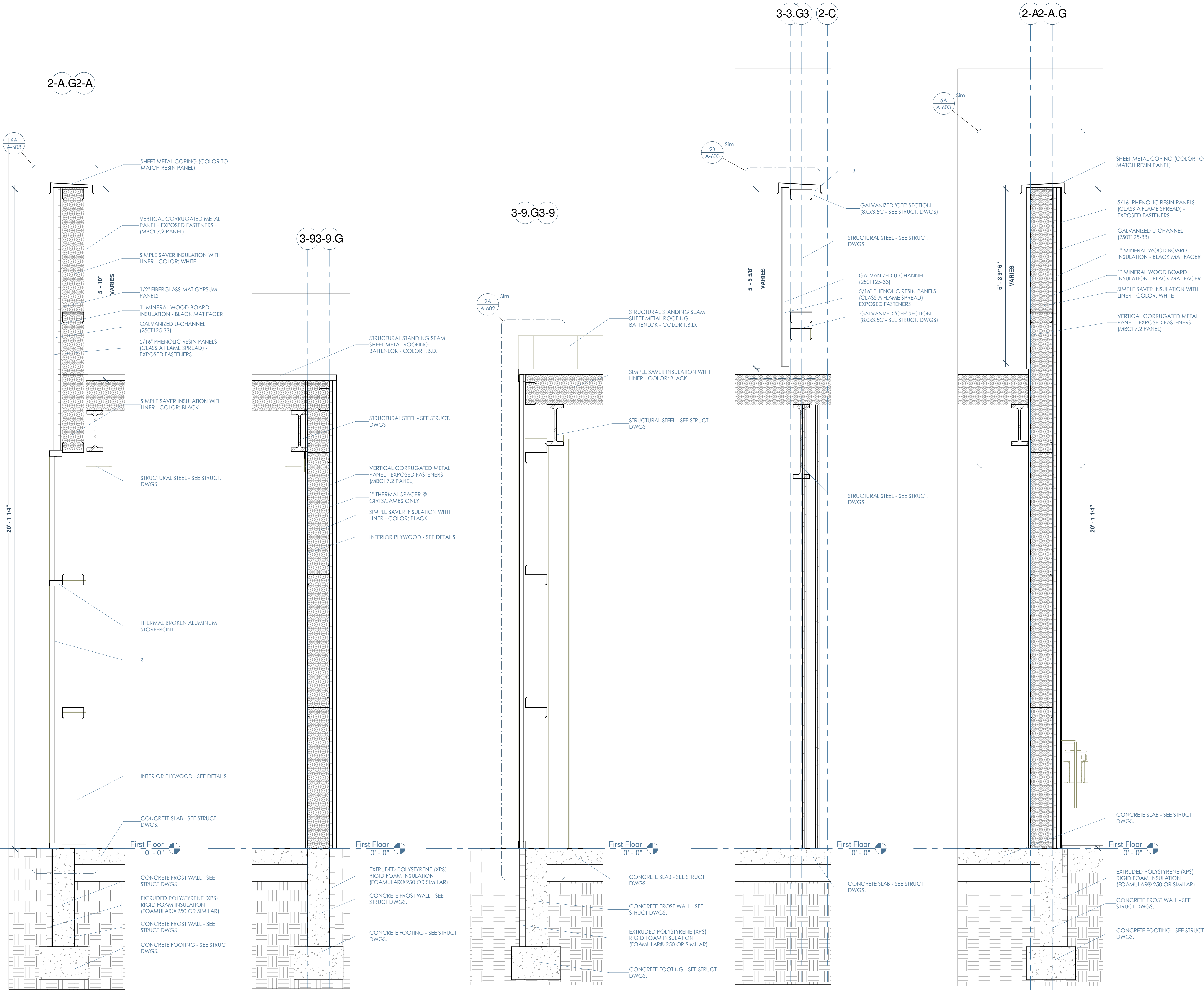
Xcel
Sports Complex

Wall Sections

Date 2/10/2016 5:44:18 PM

A-403

Scale $3/4" = 1'-0"$



6A Wall Section - One Story - Storefront & Parapet
3/4" = 1'-0"

5A Wall Section - One Story - Metal Panel
3/4" = 1'-0"

4A Wall Section - One Story - Polycarbonate near Metal Panel
3/4" = 1'-0"

3A Wall Section - One Story - Parapet - Exposed Structure
3/4" = 1'-0"

2A Wall Section - One Story - Resin Panel @ Parapet
3/4" = 1'-0"

[illegible]

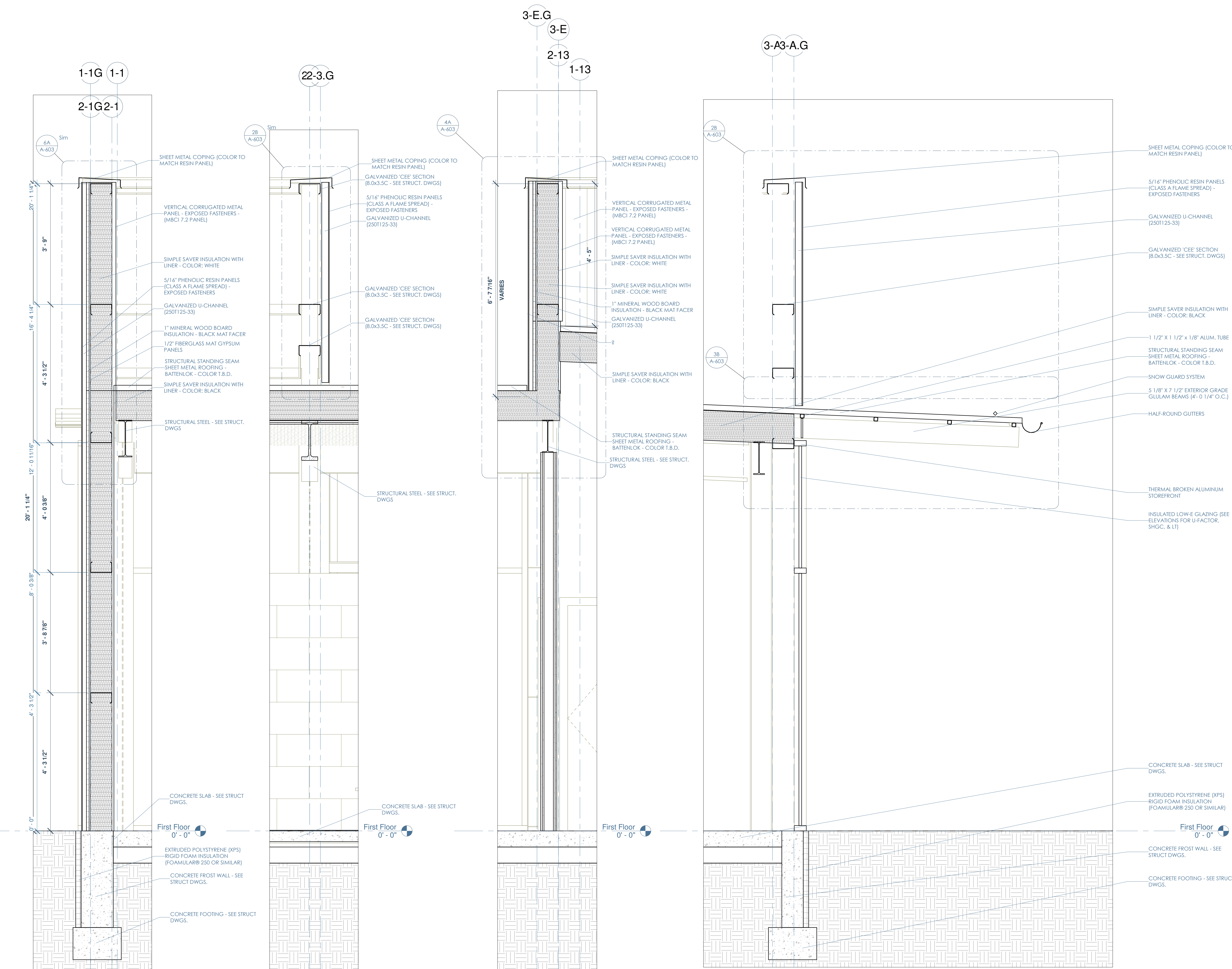
Xcel
Sports Complex

Wall Sections

Date 2/10/2016 5:46:09 PM

A-404

Scale $3/4" = 1'-0"$

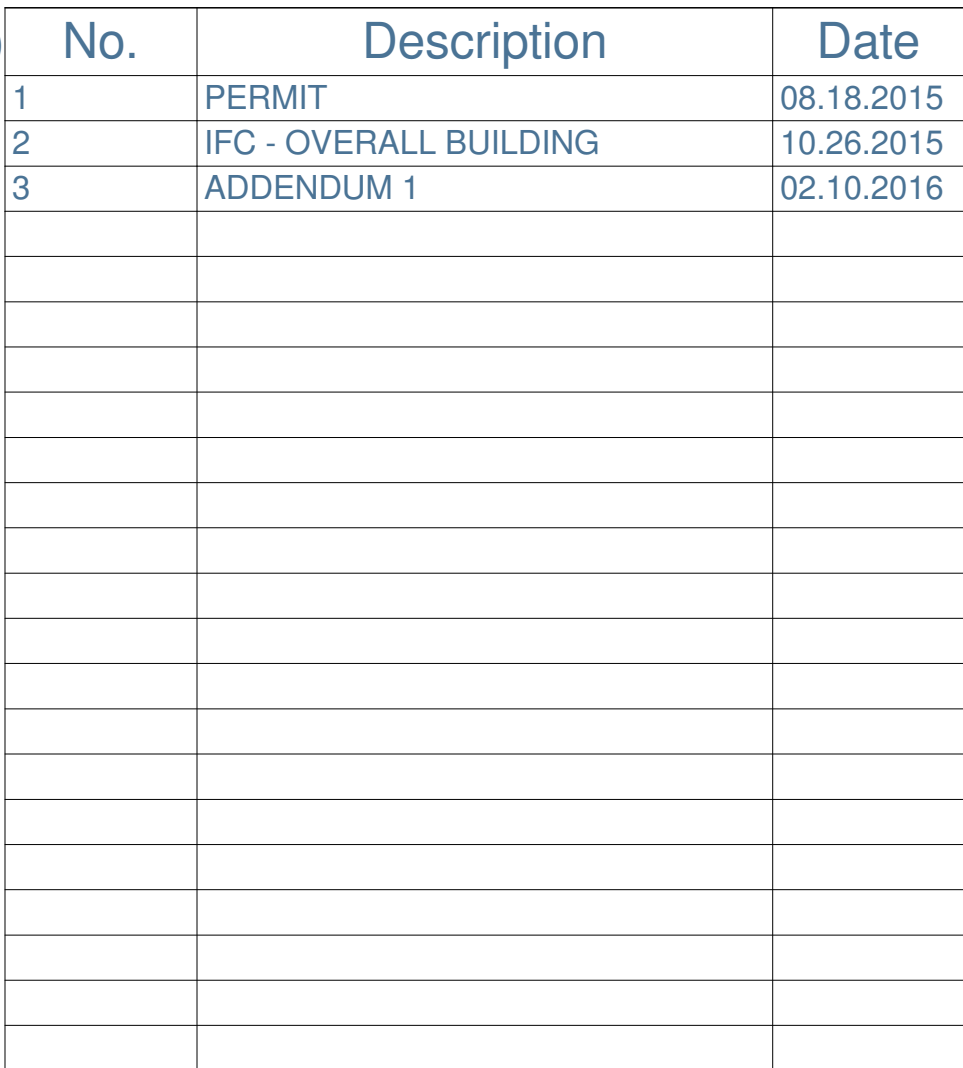


6A Wall Section - One Story - Resin Panel @ Parapet (2)
3/4" = 1'-0"

5A Wall Section - One Story - Parapet - Exposed Structure (2)
3/4" = 1'-0"

4A Wall Section - One Story - Parapet @ GL E-3
3/4" = 1'-0"

3A Wall Section - One Story - Parapet @ Canopy - Exposed Structure
3/4" = 1'-0"



Section Details - Exterior Envelope

A-601

Scale $3'' = 1'-0''$

Xcel



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CUSTOM
BUILDERS**



GROUND AFFECTS
LANDSCAPING, INC.
PROFESSIONAL DESIGN AND INSTALLATION



FOREMOST
BUILDINGS, INC.

 Pelikan Plumbing LLC

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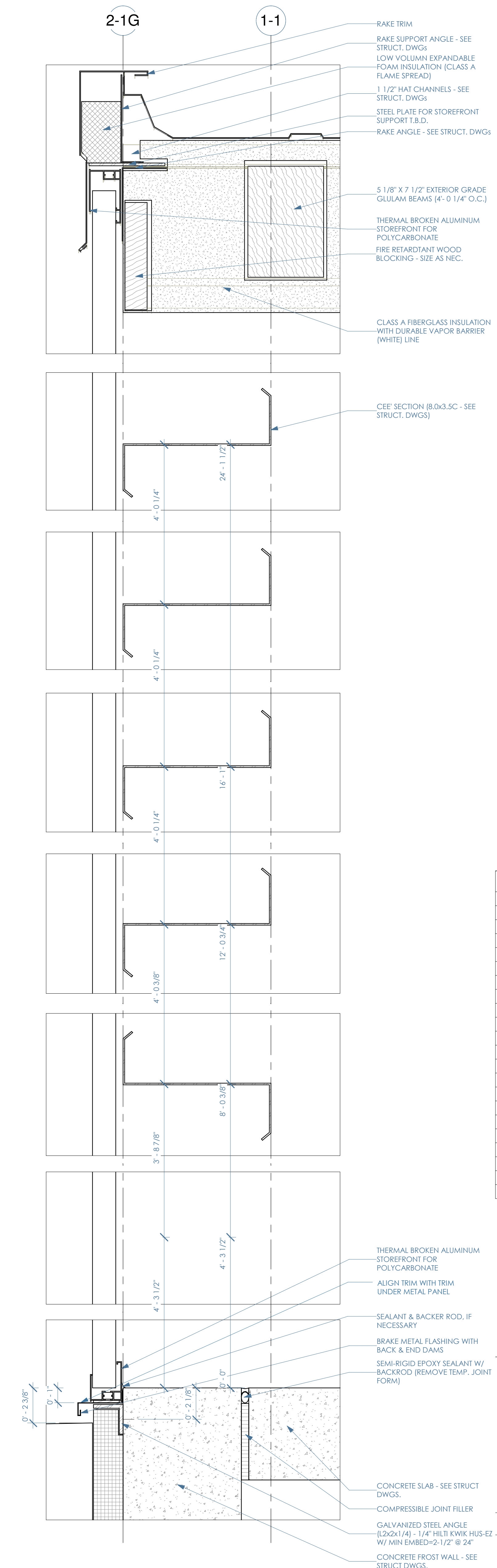
Xcel
Sports Complex

Section Details - Exterior Envelope

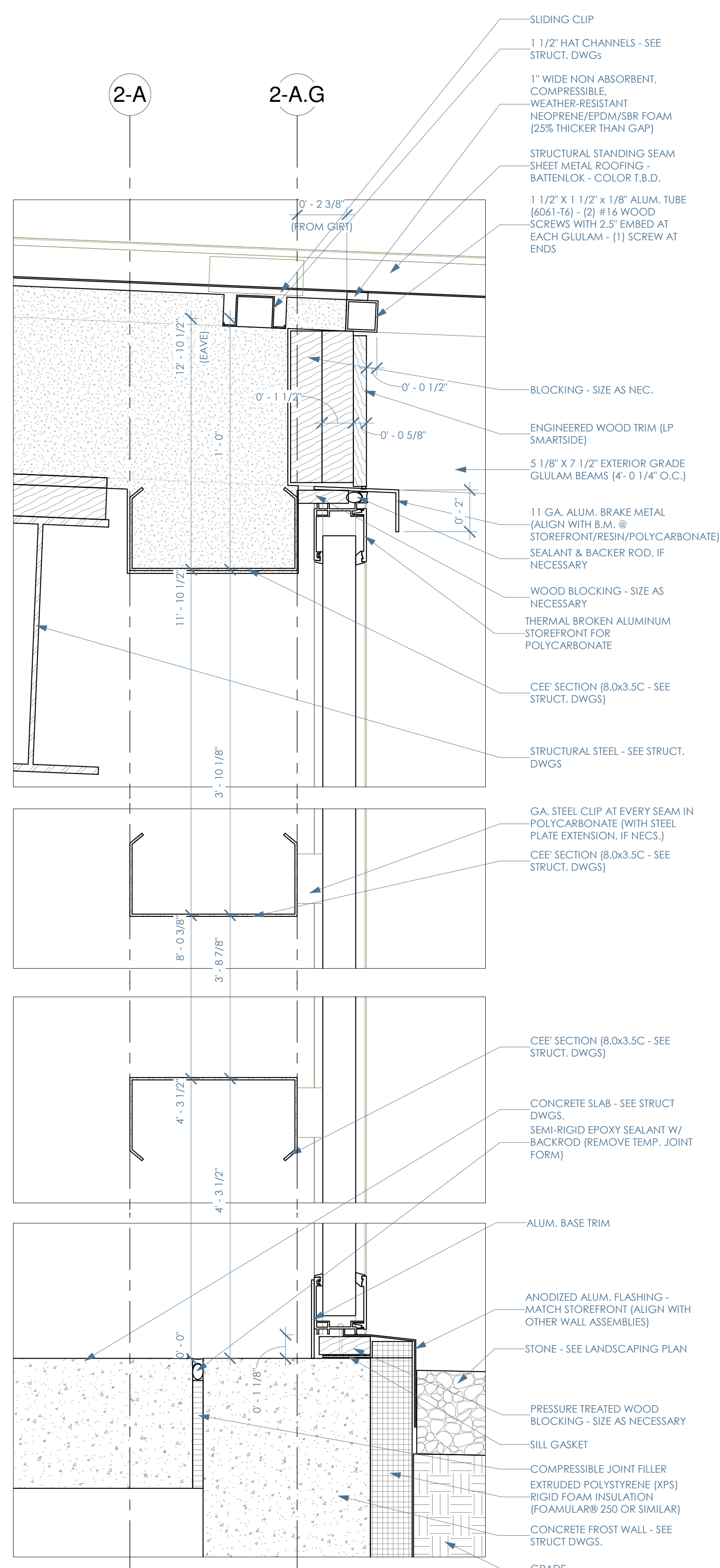
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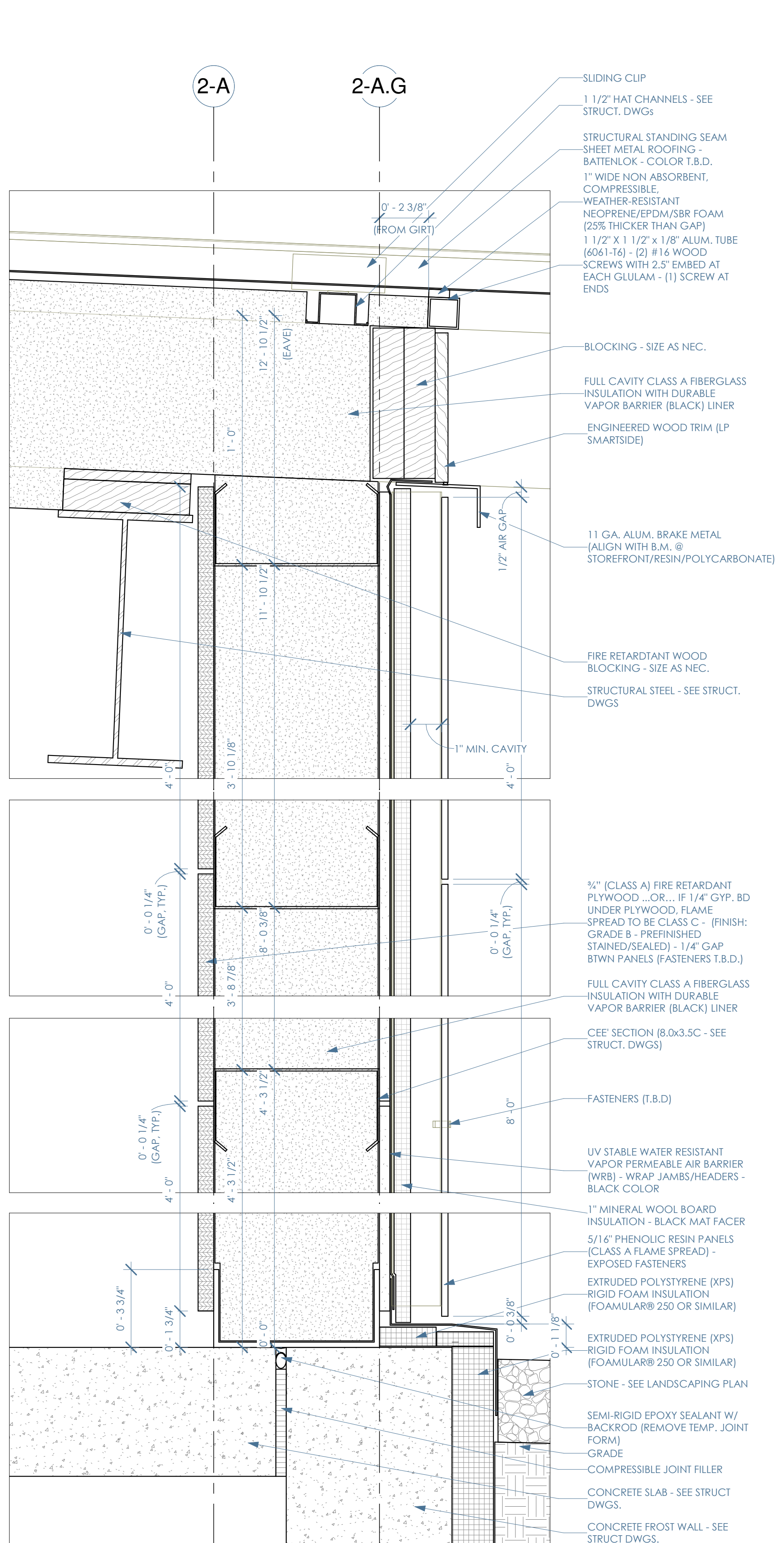
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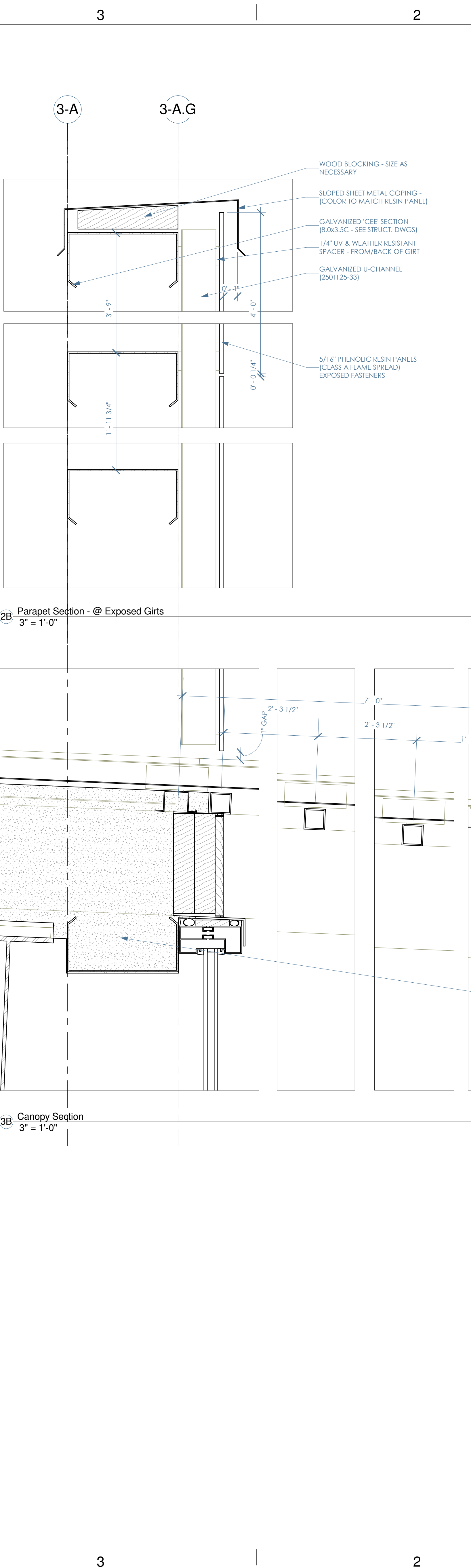
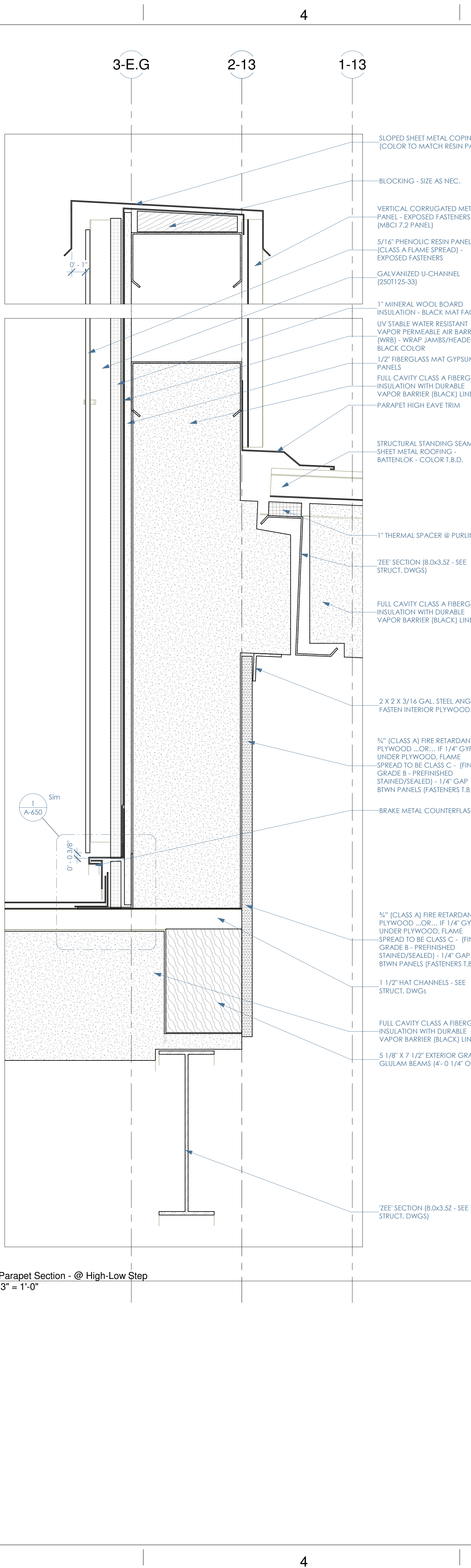
2A Wall Detail @ Fieldhouse East Wall
3" = 1'-0"



5A Wall Detail @ Polycarbonate
3" = 1'-0"



6A Wall Details @ G.L. 2-A & 3-A (Resin Panel)
3" = 1'-0"



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262-555-2290

PELIKAN CUSTOM BUILDERS

GROUND EFFECTS LANDSCAPING, INC.
LANDSCAPING, DESIGN AND INSTALLATION

openingdesign

FOREMOST BUILDINGS, INC.

LAKE COUNTRY HEATING AND COOLING

JEFFERSON CURRENT ELECTRIC
SINCE 1950

Pelikan Plumbing LLC

[illegible]

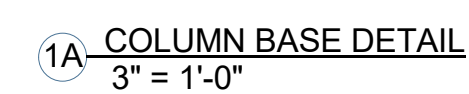
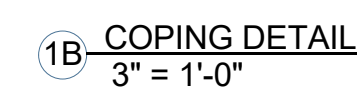
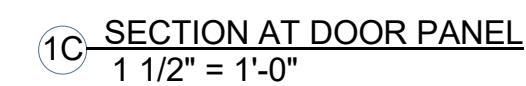
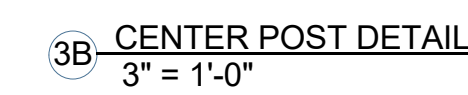
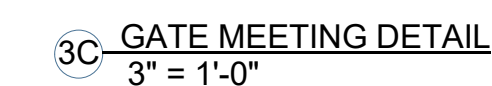
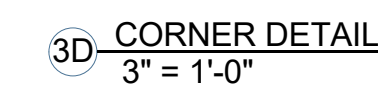
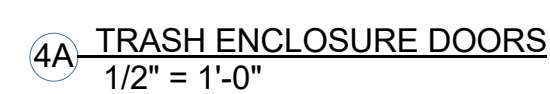
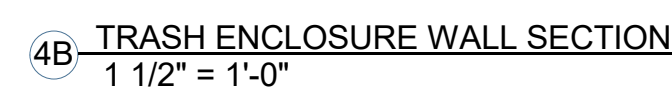
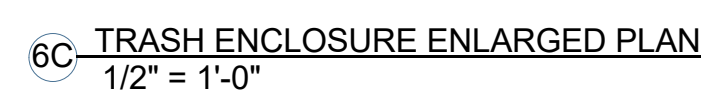
Xcel
Sports Complex

Section Details - Exterior Envelope

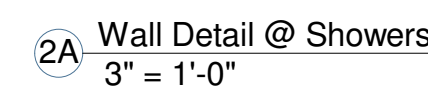
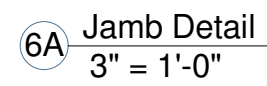
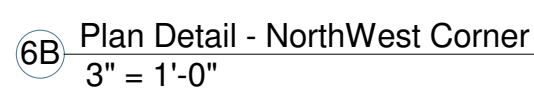
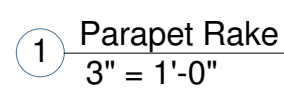
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A-603

Scale $3'' = 1'-0''$



Scale	As indicated
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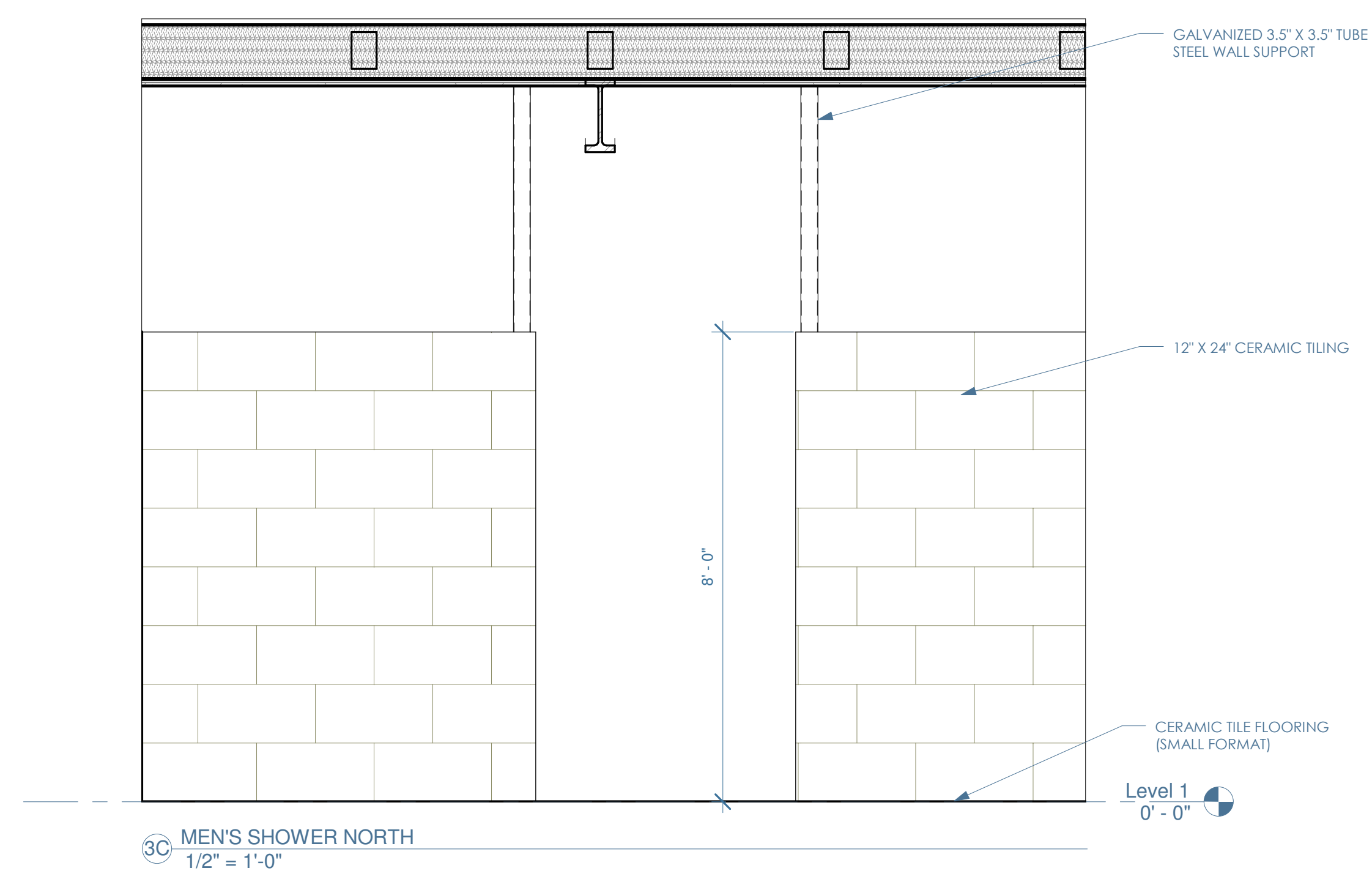
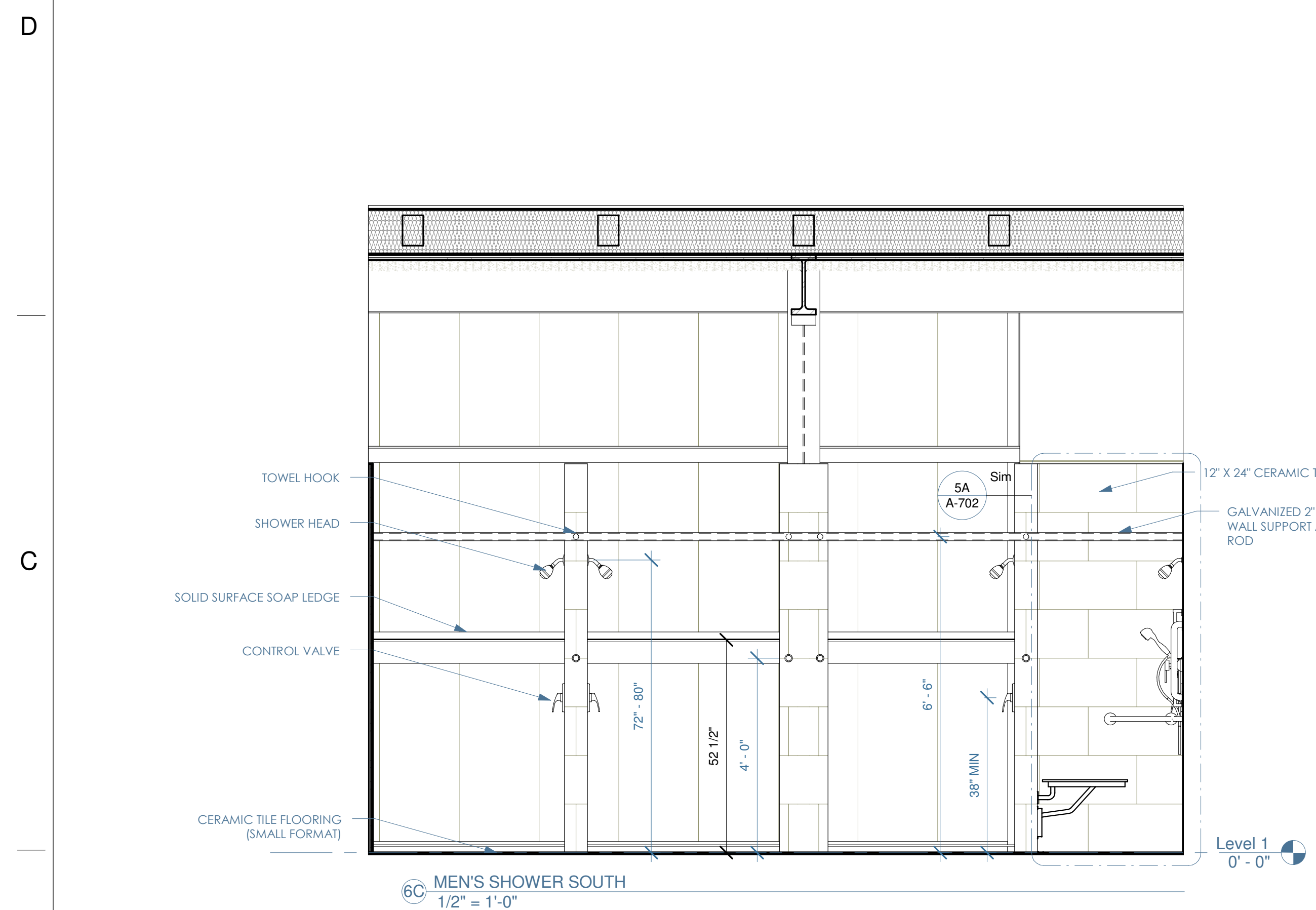
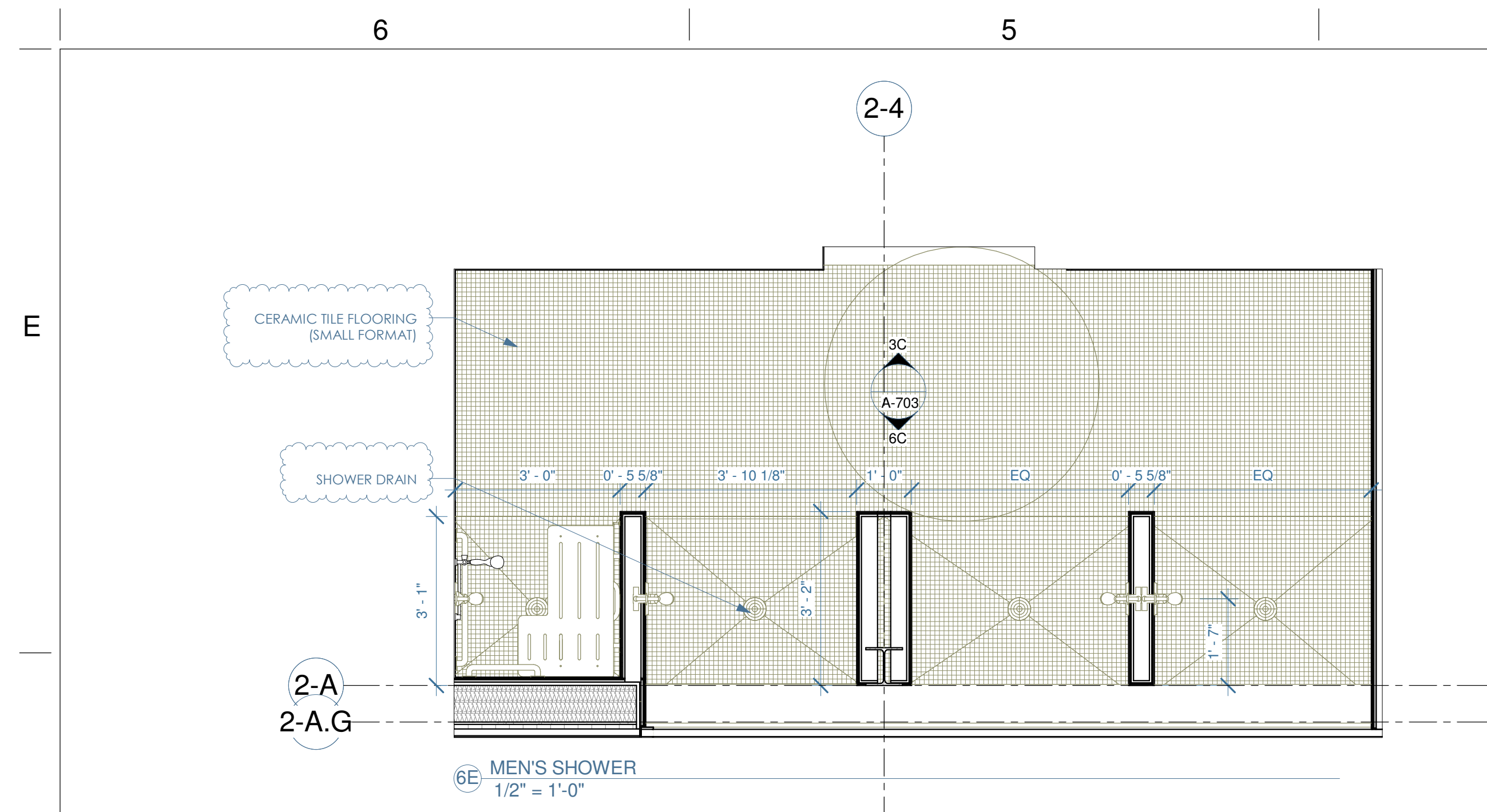
Plumbing
Pelikan Plumbing
144 Main St
Sullivan, WI 53178
Mike Pelikan
pelikanplumbing@yahoo.com
262-593-2290

Scale	As indicated
-------	--------------

A

Scale $1/2" = 1'-0"$





**KRAUSE
CUSTOM
BUILDERS**



GROUND AFFECTS
LANDSCAPING, INC.
PROFESSIONAL DESIGN AND INSTALLATION

**FOREMOST**
BUILDINGS, INC.

 Pelikan Plumbing LLC

[illegible]

Xcel
Sports Complex

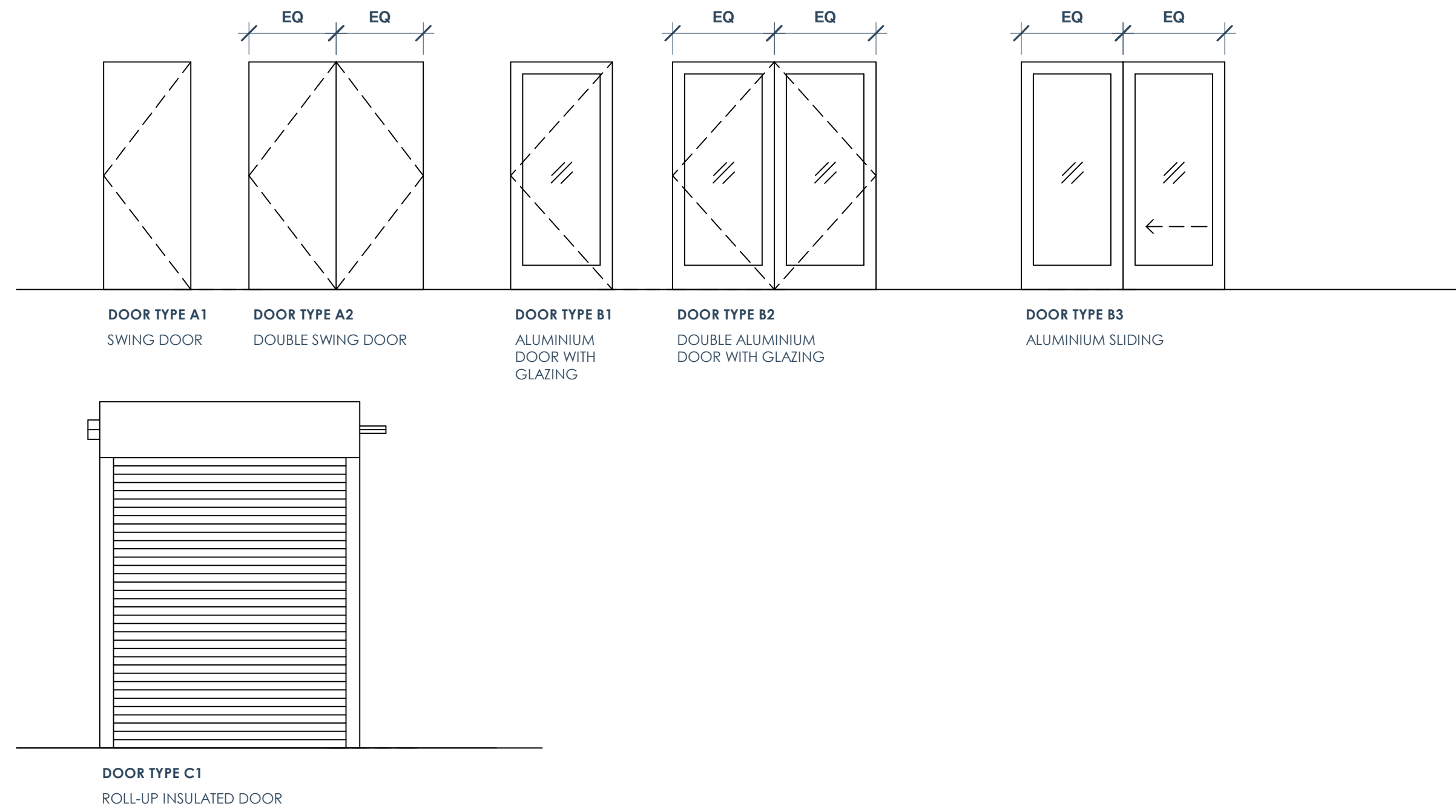
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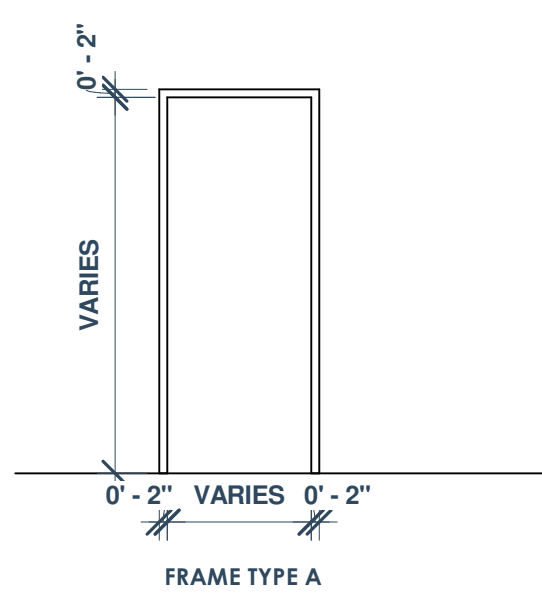
A-703

Scale $1/2" = 1'-0"$

KEYNOTE - DOOR SCHEDULE		
Category	Keynote	Note
DOOR	GL-1	THE GLAZING TO COMPLY WITH CPSC 16 CFR PART 1201, CATEGORY II, OR ANSI Z97.1, CLASS A.
DOOR	GL-2	TEMPERED & INSULATED GLAZING - SEE BUILDING ELEVATIONS FOR U, SHGC, LT VALUES
DOOR	STL	METAL DOOR
DOOR	WD-1	WOOD SOLID CORE DOOR
FRAME	AL-1	ALUM. STOREFRONT (TUBELITE 4500)
FRAME	AL-2	ALUM. STOREFRONT WITH THERMAL BRAKE (TUBELITE 14000)
FRAME	STL-1	HOLLOW METAL DOOR - INTERIOR GRADE
FRAME	STL-2	HOLLOW METAL DOOR - EXTERIOR GRADE
NOTES	A	WIDE STILE
NOTES	B	OPENS 180°
NOTES	C	CARD READER



○ Door Types
1/4" = 1'-0"

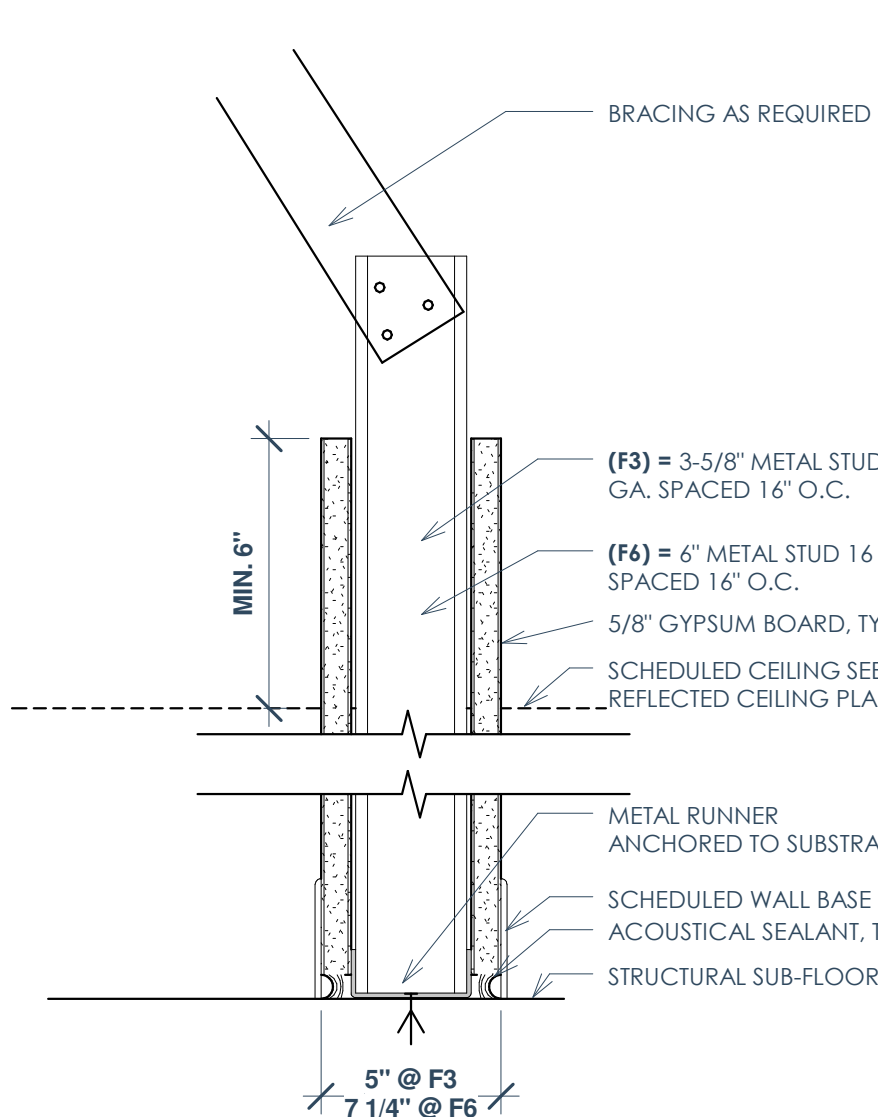


○ Frame Type
1/4" = 1'-0"

SEE INTERIOR ELEVATIONS

- GALVANIZED TUBE BEYOND
- CASING BEAD TRIM
- SIZE METAL STUD HEADER AS NECESSARY TO SPAN BETWEEN GALVANIZED TUBES
- WALL FINISH MATERIAL - SEE INT. ELEVATIONS (USE CEMENT BD VS. GYP. BD WITH TILE APPLICATIONS)
- 5/8" GYPSUM BD. TYP. (CEMENT BOARD, IF TILE FINISH)
- (G4) = 4" 20 GA. METAL STUD SPACED @ 16" O.C.
- (G3) = 3-5/8" 20 GA. METAL STUD SPACED @ 16" O.C.
- METAL RUNNER ANCHORED TO SUBSTRATE
- SCHEDULED WALL BASE
- ACOUSTICAL SEALANT
- STRUCTURAL SUB-FLOOR

○ TYPE G3/G6 - PARTIAL HEIGHT PARTITION
3" = 1'-0"



○ TYPE F3, F6 - PARTIAL HEIGHT PARTITION
3" = 1'-0"

MIN. 6"

DEEP LEG OF DEFLECTION TRACK (2 MIN. DEFLECTION)

SLIP TRACK HEADER ANCHORED TO UNDERSIDE OF STRUCTURE

UNDERSIDE OF STRUCTURE ABOVE

ACOUSTICAL SEALANT, TYP.

3-5/8" METAL STUD 20 GA. STAGGERED SPACED 16" O.C.

METAL STUD BRACING @ 4'-0" O.C. MAX. ABOVE SLAB

SOUND ISOLATION BATTS TO STRUCTURAL DECK

5/8" GYPSUM BOARD, TYP.

SCHEDULED CEILING SEE REFLECTED CEILING PLANS

METAL RUNNER ANCHORED TO SUBSTRATE

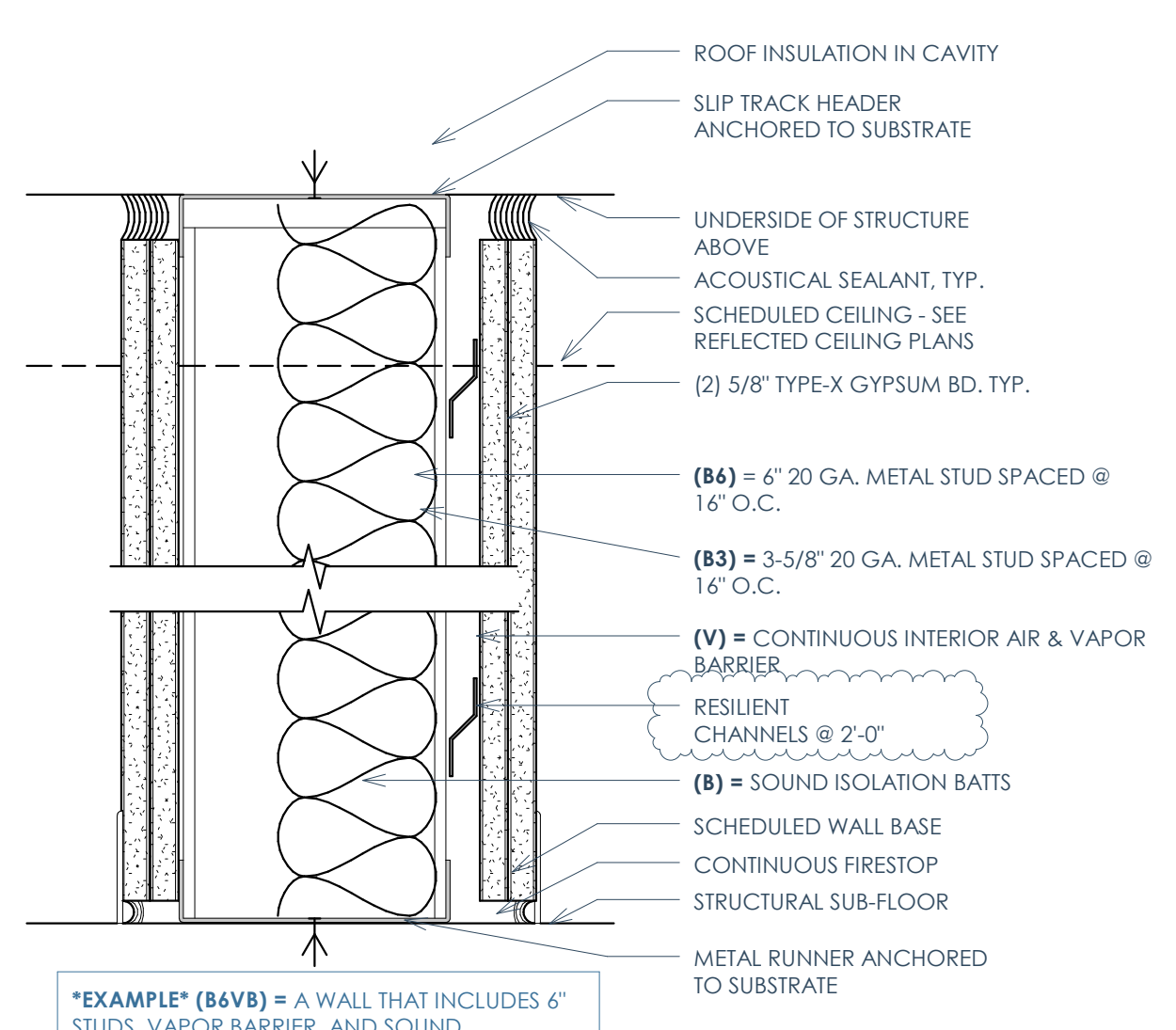
SCHEDULED WALL BASE

ACOUSTICAL SEALANT, TYP.

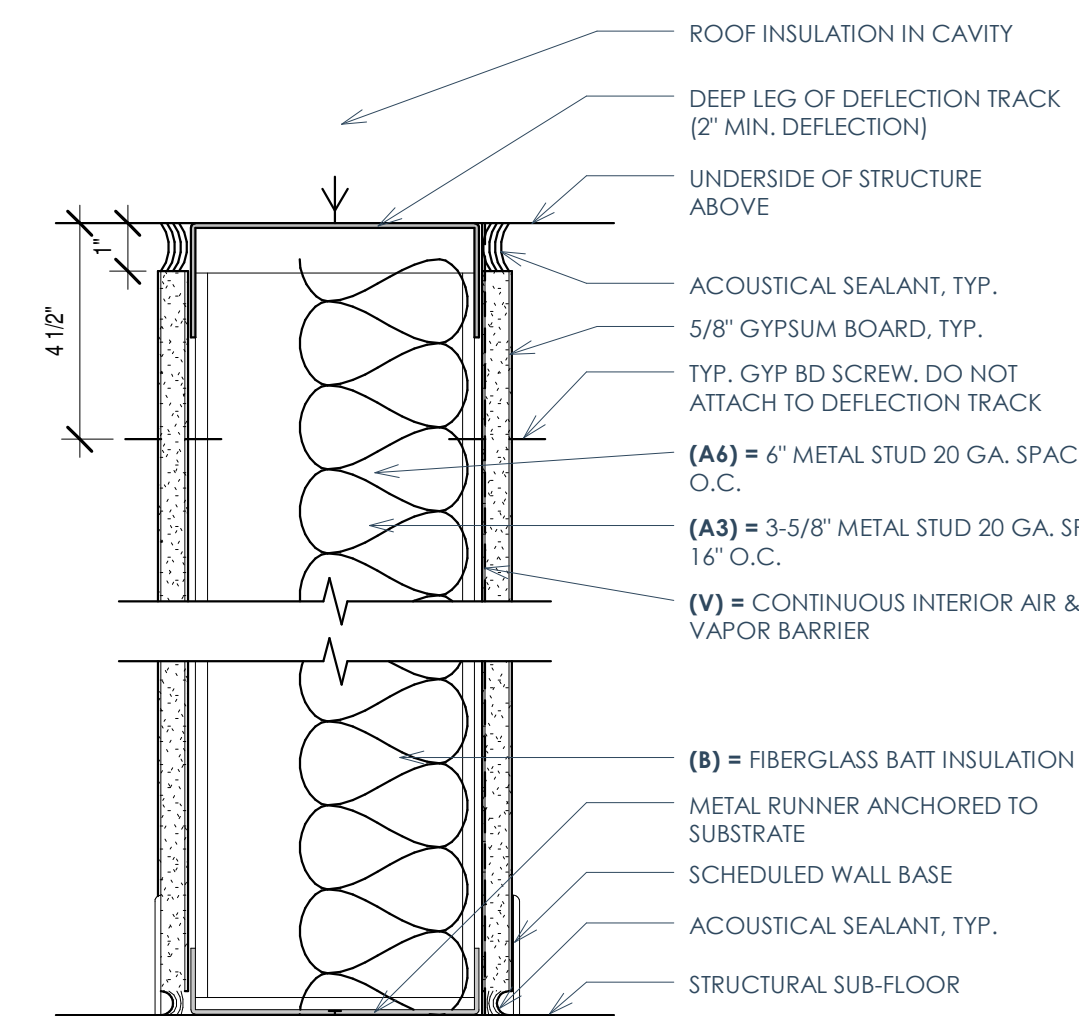
STRUCTURAL SUB-FLOOR

VARIES, SEE PLAN

○ TYPE C3 - S THICKENED PTN.
3" = 1'-0"



○ TYPE B3, B6 - V/B
3" = 1'-0"



○ TYPE A3, A6 - (V/B) FULL HGT. PTN.
3" = 1'-0"

Xcel
Sports Complex

Door and Finish Schedules & Wall Types

Date 2/15/2016 9:30:32 AM

A-801

Scale As indicated

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Toby Krause
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920-285-6490

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 Pelikan Plumbing LLC

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