

INTERIOR & EXTERIOR RENOVATIONS SHORTHORN BARN MISSOURI STATE FAIRGROUNDS SEDALIA, MO



OWNER: STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

DEPARTMENT OF AGRICULTURE
MISSOURI STATE FAIRGROUNDS

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DESIGNER: ROBERT ROLLINGS
ARCHITECTS, LLC

PROJECT NUMBER: F2205-01

SITE NUMBER: 1501
ASSET NUMBER: 3511501048

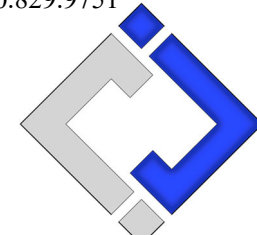


Robert D. Rollings 2005001206, Certificate of Authority # A-2006003870

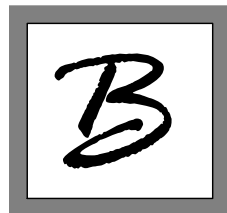


Robert Rollings
Architects LLC

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Sedalia, MO 65301
660.829.9751



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2400 BLUFF CREEK DR. STE. 101
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Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#2000151304

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT DESIGN AND
CONSTRUCTION
INTERIOR & EXTERIOR
RENOVATIONS - SHORTHORN
BARN

MISSOURI STATE
FAIRGROUNDS
2503 W. 16TH ST
SEDALIA, MO 65301

PROJECT # F2205-01

SITE # 1501

ASSET # 3511501048

REVISION: _____
DATE: _____

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DATE: _____

ISSUE DATE: 06/29/2022
BID DOCUMENTS

CAD DWG FILE:
F2205-01-1501-3511501048-G-02

DRAWN BY: AMK
CHECKED BY: RDR
DESIGNED BY: AMK

SHEET TITLE:

GENERAL
INFORMATION

SHEET NUMBER:

G-002

SHEET 2 OF 27

GENERAL NOTES ARE INTENDED TO SUPPLEMENT THE DRAWINGS AND SPECIFICATIONS. NOT ALL NOTES APPLY TO THIS PROJECT. SPECIFIC TRADE NOTES TAKE PRECEDENCE OVER THESE GENERAL NOTES.

1. DESIGN LOADS:

A: BUILDING CODE - 2018 IBC
B: ROOF LIVE LOAD - 20 PSF
C: GROUND SNOW LOAD - 20 PSF
D: WIND SPEED BASIC - 120 MPH

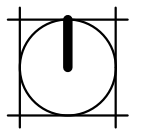
NOTE: THESE DRAWINGS ARE FOR THIS SPECIFIC BUILDING AND NO OTHER USE IS AUTHORIZED. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR EMBEDDED ITEMS NOT SHOWN HEREIN AND TO VERIFY SIZE AND LOCATION OF ALL OPENINGS. BEFORE EXECUTING ANYTHING HEREIN SHOWN, THE CONTRACTOR SHALL EXAMINE ACTUAL JOB CONDITIONS AND REPORT TO THE ARCHITECT ANY ERROR, OMISSION, OR DIFFICULTY AFFECTING THE WORK.

NOTE:

THESE DRAWINGS, ALONG WITH THE PROJECT SPECIFICATIONS, REPRESENT A UNIFIED SET OF CONSTRUCTION DOCUMENTS. ALL BIDDERS SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH ALL DRAWINGS IN THIS SET, REGARDLESS OF SHEET NUMBER AND DISCIPLINE, AND SHALL BE RESPONSIBLE FOR COORDINATING THEIR WORK WITH THE WORK OF OTHER TRADES. ANY APPARENT DISCREPANCIES BETWEEN DRAWINGS OR BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.

DO NOT BID FROM PARTIAL SETS OF BID DOCUMENTS.

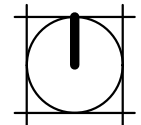
BY SUBMITTING A BID, BIDDERS REPRESENT THAT THEY HAVE VISITED THE SITE, BECOME FAMILIAR WITH THE BID DOCUMENTS IN THEIR ENTIRETY AND WITH LOCAL CONDITIONS UNDER WHICH THE WORKS IS TO BE PERFORMED AND HAVE CORRELATED THE BIDDERS PERSONAL OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.



2

G-002

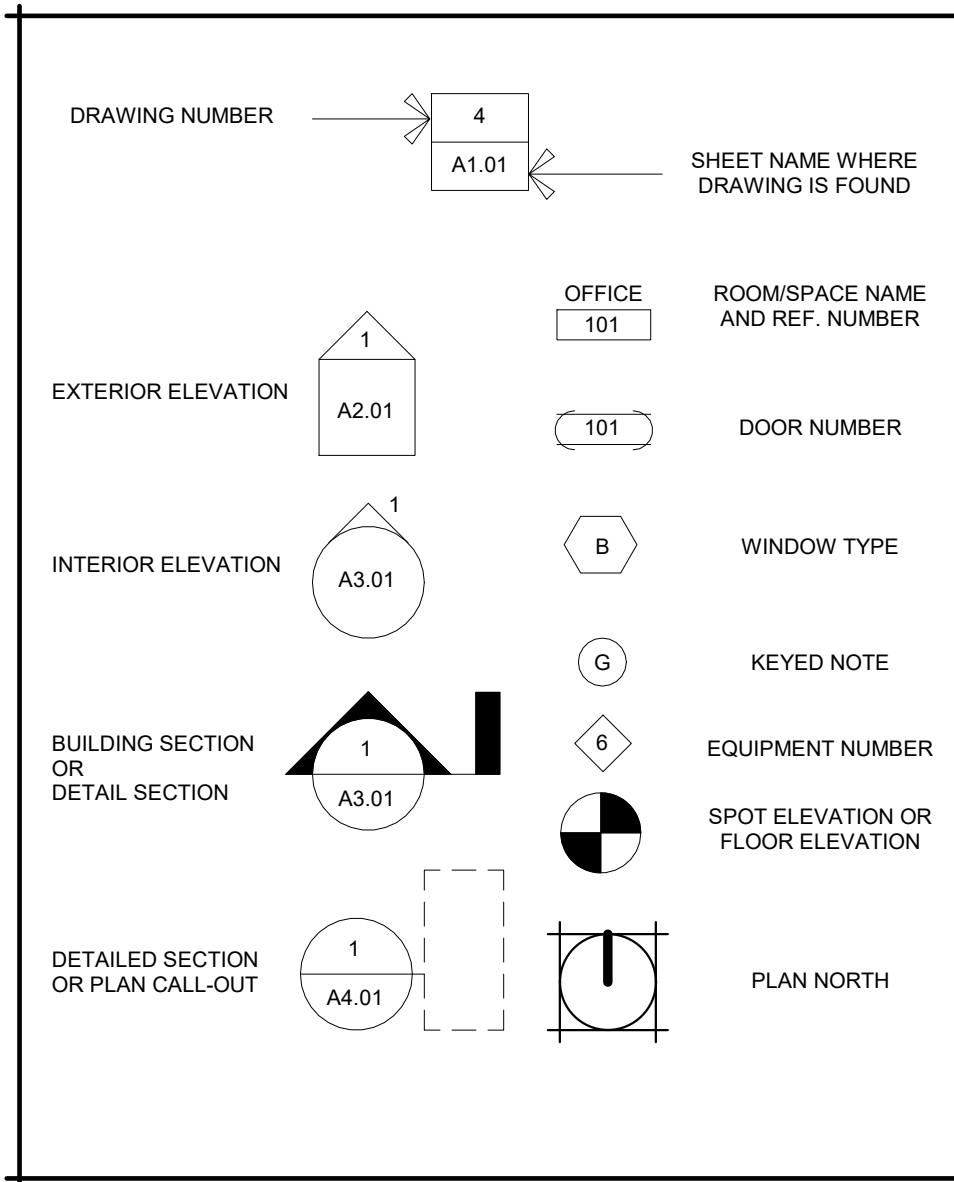
SITE MAP, SEDALIA, MO
NOT TO SCALE



3

G-002

PROJECT LOCATION
12" = 1'-0"



A-110

DISCIPLINE

G GENERAL

C CIVIL

D DEMOLITION

S STRUCTURAL

A ARCHITECTURAL

Q EQUIPMENT

M MECHANICAL

FG FUEL GAS

P PLUMBING

E ELECTRICAL

SHEET TYPE DESIGNATOR

0 GENERAL INFORMATION

1 PLANS

2 EXTERIOR ELEVATIONS

3 BUILDING SECTIONS

4 WALL SECTIONS

5 DETAILS

6 ENLARGED PLANS

7 INTERIOR ELEVATIONS

8 STAIRS AND ELEVATORS

9 SCHEDULES

4

SHEET NAMING CONVENTION

A1.01

SHEET NAMES DO NOT DEFINE LIMITS OF WORK

DESIGN TEAM:

ARCHITECT:
ROBERT ROLLINGS ARCHITECTS LLC
1806 WEST BROADWAY
SEDALIA, MO 65301
660.829.9751 FAX: 660.829.9752

MECHANICAL / ELECTRICAL ENGINEER
TIMBERLAKE ENGINEERING
1104 EAST WALNUT
COLUMBIA, MO 65201
573.875.4365 FAX: 573.442.0445

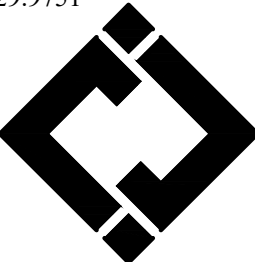
STRUCTURAL ENGINEER
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573.447.0292

CIVIL ENGINEER
BROADFOOT ENGINEERING
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DATE: _____

ISSUE DATE: 06/29/2022

CONSTRUCTION DRAWINGS

CAD DWG FILE:

F2205-01-1501-3511501048-GC-03

DRAWN BY: TJB

CHECKED BY: TJB

SHEET TITLE:

CIVIL COVER SHEET

SHEET NUMBER:

C-001

SHEET 3 OF 27

<p><u>CONSTRUCTION NOTES:</u></p> <ol style="list-style-type: none"> THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL REPAIR ALL UTILITIES DAMAGED BY CONTRACTOR'S ACTIVITIES AT NO EXPENSE TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY. ALL WORK WITHIN CITY RIGHT OF WAY SHALL BE DONE IN ACCORDANCE WITH CITY OF WARRENSBURG STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING BEST MANAGEMENT PRACTICE (BMP'S) AS SHOWN ON THE PLANS. BMP'S SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES. REFER TO GRADING BID SET FOR DETAILS. ALL PUBLIC ROADS MUST BE KEPT CLEAN AT ALL TIMES. CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL STREETS DAMAGED BY CONSTRUCTION ACTIVITIES OR EQUIPMENT. CONTRACTOR SHALL NOT INTERRUPT THE OWNERS CURRENT OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE CONTROLLING DUST FROM JOBSITE ACTIVITIES. ADJUST VALVE COVERS & UTILITY BOXES AS NECESSARY TO PROVIDE SMOOTH SURFACE. ALL STORM PIPE OUTLETS TO HAVE RODENT SCREENS/ANIMAL BARRIERS. ALL STORM STRUCTURES NYOPLAST UNLESS OTHERWISE SIZES NOTED FOR CONCRETE STRUCTURE. ALL PIPE LENGTHS AND FLOW LINES TO CENTER OF STRUCTURE. 	<p><u>CONSTRUCTION QUALITY ASSURANCE REQUIREMENTS:</u></p> <ol style="list-style-type: none"> THE OWNER IS RESPONSIBLE FOR PROVIDING QUALITY ASSURANCE COMPACTION TESTING OF SUBGRADES AND CONTROLLED FILL MATERIALS AND FIELD SAMPLING AND TESTING. STRIP A MINIMUM OF 12 INCHES OF TOPSOIL AND ROOT ZONES FROM ALL AREAS TO RECEIVE FILL. ALL SITE FILL SHALL BE CONSTRUCTED IN UNIFORM HORIZONTAL LIFTS WITH A MAXIMUM LOOSE THICKNESS OF 8 INCHES. ALL SUBGRADE SURFACES AND CONTROLLED FILL ARE TO BE COMPACTED TO A MINIMUM OF 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D 689 "STANDARD" PROCTOR, AT A MOISTURE CONTENT BETWEEN 1 PERCENTAGE POINTS BELOW AND 5 PERCENTAGE POINTS ABOVE OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH ASTM D 698. COMPACTION TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE METHODS OF ASTM D 6938 OR D7698. COMPACTION TESTS SHALL BE CONDUCTED AT THE RATE OF ONE TEST PER 10,000 SQUARE FEET OF SUBGRADE SURFACE AREA OR CONTROLLED FILL SURFACE AREA, WITH NO LESS THAN 2 TESTS PER EACH DAY'S SUBGRADE SURFACE AREA AND NOT LESS THAN 2 TESTS PER LIFT OF CONTROLLED FILL. <p><u>DEMOLITION NOTES:</u></p> <ol style="list-style-type: none"> CONTRACTOR SHALL COORDINATE ALL DEMOLITION WITH OWNER AND UTILITIES. ALL OTHER ITEMS SHALL BE PROTECTED. CONTRACTOR SHALL HAUL DISPOSAL ITEMS TO AN APPROVED LOCATION. 	<p><u>UTILITY NOTES:</u></p> <ol style="list-style-type: none"> CONTRACTOR SHALL REFERENCE MEP PLANS FOR ADDITIONAL SITE UTILITY INFORMATION, INCLUDING UTILITY SERVICE CONNECTIONS TO ITM AND SIGNS. ALL CONSTRUCTION SHALL MEET APPLICABLE FEDERAL, STATE, AND LOCAL UTILITY REGULATIONS AND SPECIFICATIONS, MORE SPECIFICALLY CITY OF SEDALIA AND MISSOURI STATE REQUIREMENTS. INSTALL CLEANOUTS AT ALL CHANGES IN ALIGNMENT AND AT A MAXIMUM SPACING OF 100 FEET. CONTRACTOR IS RESPONSIBLE FOR ALL APPLICABLE FEES INCLUDING FOR BRINGING WATER TO SITE, TAPPING, INSTALLATION OF SERVICE LINE, PITS, BACKFLOW PREVENTER AND OTHER APPLICABLE REQUIREMENTS. CUTTING AND REPAIRING/REPLACING STREET IS THE RESPONSIBILITY OF THE CONTRACTOR. PIPE MATERIAL SHALL BE HDPE OR POLY OR OTHER MATERIAL APPROVED BY THE LOCAL WATER DEPARTMENT. PIPE MATERIAL SHALL BE PVC OR POLY OR OTHER MATERIAL APPROVED BY THE LOCAL WATER DEPARTMENT. ELECTRIC CONDUIT BY CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF EXISTING UTILITIES, AND FIELD VERIFY EXISTING FACILITY ALIGNMENTS, DEPTHS, AND ANGLES BEFORE BEGINNING WORK. 	<p><u>TEMPORARY TRAFFIC CONTROL NOTES:</u></p> <ol style="list-style-type: none"> ALL TRAFFIC CONTROL SHALL BE PER CURRENT MUTCD REQUIREMENTS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. A TRAFFIC CONTROL PLAN WILL BE REQUIRED FOR ANY WORK WITHIN THE RIGHT-OF-WAY. ALL TRAFFIC CONTROL DEVICES AND TEMPORARY TRAFFIC CONTROL PLANS SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE, WORKER, AND TRAFFIC SAFETY. <p>UTILITY DISCLAIMER: ALL UTILITIES SHOWN ARE BASED ON MARKINGS BY THE RESPECTIVE UTILITY COMPANIES, THE OWNERS, AND BY OBSERVABLE SURFACE STRUCTURES, AS FOUND IN THE FIELD.</p> <p>PRIVATE WATER LINES WERE NOT MARKED BEYOND THE WATER METERS, AND IN SOME CASES, THE WATER COMPANY DID NOT MARK WATER MAINS, WHERE STRUCTURES WOULD INDICATE ONE EXISTED (i.e. FIRE HYDRANT OR WATER VALVE).</p> <p>PRIVATE SANITARY SEWER LINES WERE NOT MARKED, BUT OBSERVABLE CLEAN-OUTS WERE LOCATED IN THE FIELD, AND ARE SHOWN. NO PUBLIC SEWER WAS MARKED WITHIN THE PROJECT LIMITS.</p> <p>PRIVATE ELECTRIC, TELEPHONE, AND CATV LINES WERE NOT MARKED; BUT OBSERVABLE PRIVATE UTILITIES WERE LOCATED IN THE FIELD, AND ARE SHOWN.</p> <p>ALL UTILITIES SHOULD BE LOCATED AND VERIFIED BEFORE ANY CONSTRUCTION SHOULD COMMENCE.</p>
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PROPERTY OWNER

STATE OF MISSOURI
S LIMIT
SEDALIA, MO 65301

FLOODPLAIN NOTE


THIS PROPERTY IS LOCATED IN ZONE "X"
AREAS DETERMINED TO BE OUTSIDE THE 0.2%
ANNUAL CHANCE FLOODPLAIN, AS SHOWN BY
FLOOD INSURANCE RATE MAP NUMBER
2902830005C, DATED JANUARY 5, 1996.

SURVEY CONTROL POINTS


<u>POINT #</u>	<u>NORTH</u>	<u>EAST</u>	<u>ELEVATION</u>	<u>DESCRIPTION</u>
CP1	1042769.29	1423566.59	865.42	HALF&CAP WEST OF DONNELLY ARENA
CP2	1042863.26	1423872.32	869.75	HALF CAP WEST OF COUSEUM CL CORRIDOR
CP5	1042860.46	1423635.55	862.88	SPIKE CL CORRIDOR NW OF DONNELLY ARENA
CP6	1042989.61	1423638.92	861.57	SPIKE IN PAVE EAST OF WOODS CENTER
CP304	1042926.74	1423573.37	868.79	INSIDE BUILDING NEAR CENTER OF NORTH AISLE

LEGEND

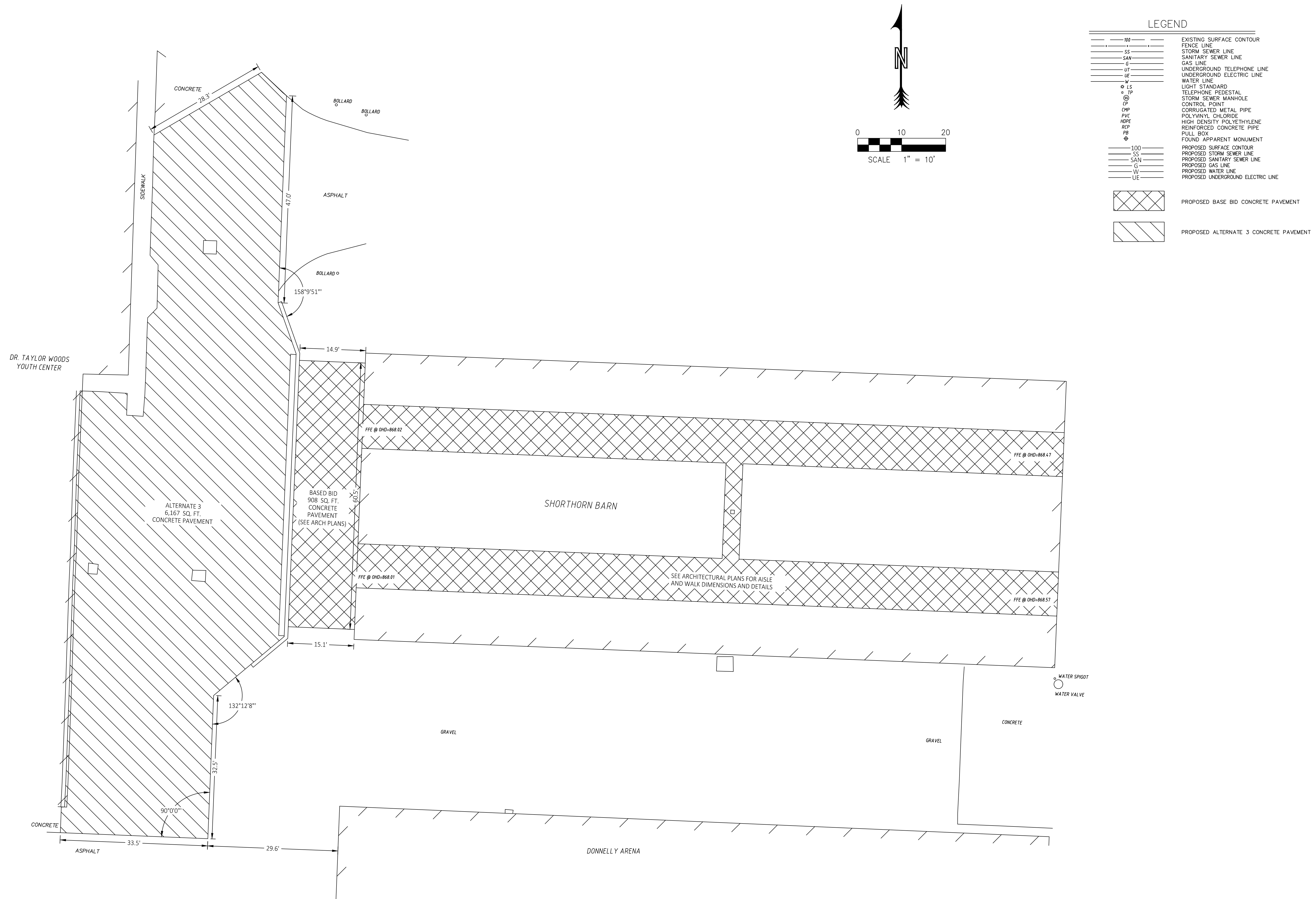
100	EXISTING SURFACE CONTOUR
SS	FENCE LINE
SAN	STORM SEWER LINE
G	SANITARY SEWER LINE
UT	GAS LINE
UE	UNDERGROUND TELEPHONE LINE
W	UNDERGROUND ELECTRIC LINE
LS	WATER LINE
TP	LIGHT STANDARD
Q	TELEPHONE PEDESTAL
CP	STORM SEWER MANHOLE
MP	CONTROL POINT
PVC	CORRUGATED METAL PIPE
HDPE	POLYVINYL CHLORIDE
RCP	HIGH DENSITY POLYETHYLENE
PB	REINFORCED CONCRETE PIPE
Φ	PULL BOX
	FOUND APPARENT MONUMENT
100	PROPOSED SURFACE CONTOUR
SS	PROPOSED STORM SEWER LINE
SAN	PROPOSED SANITARY SEWER LINE
G	PROPOSED GAS LINE
W	PROPOSED WATER LINE
UE	PROPOSED UNDERGROUND ELECTRIC LINE
	SILT FENCE

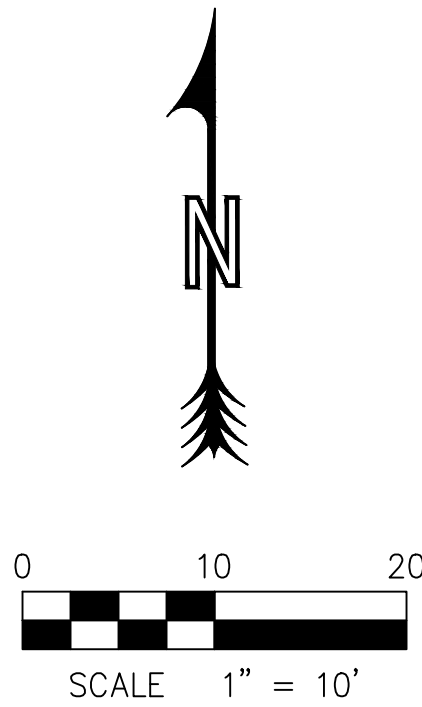
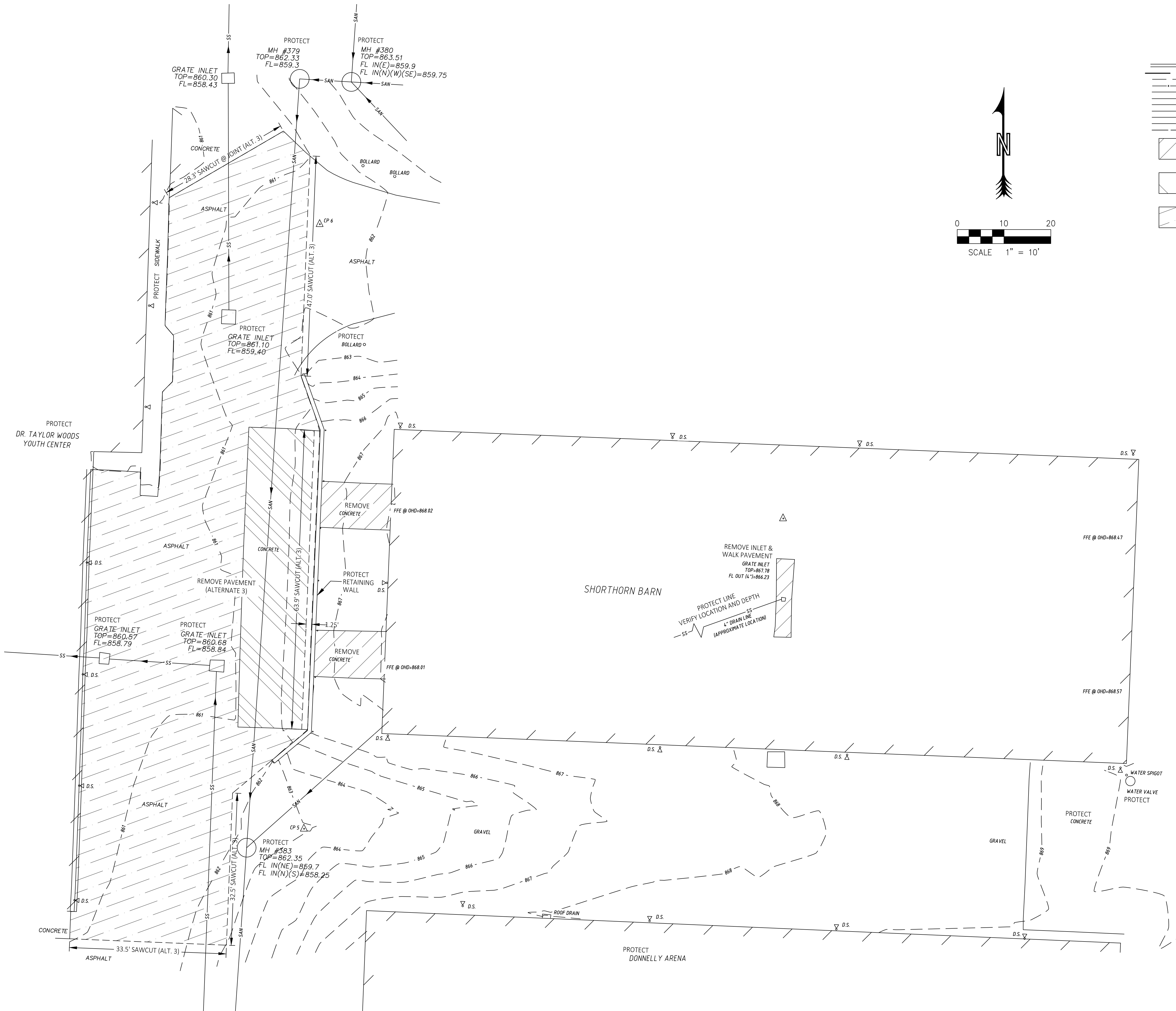


PROPOSED BASE BID CONCRETE PAVEMENT



PROPOSED ALTERNATE 3 CONCRETE PAVEMENT





LEGEND	
	PROPERTY LINE (APPROXIMATE)
	EXISTING SURFACE CONTOUR
	FENCE LINE
	STORM SEWER LINE
	SANITARY SEWER LINE
	GAS LINE
	UNDERGROUND TELEPHONE LINE
	UNDERGROUND ELECTRIC LINE
	WATER LINE
	SILT FENCE
	BASE BID DEMOLITION/ REMOVE CONCRETE PAVEMENT
	ALTERNATE 3 BID DEMOLITION/ REMOVE CONCRETE PAVEMENT
	ALTERNATE 3 BID DEMOLITION/ REMOVE ASPHALT PAVEMENT

- DEMOLITION NOTES
1. CONTRACTOR SHALL DEMOLITION PER PLANS AND IN COORDINATION WITH OWNER AND UTILITIES.
 2. ALL OTHER ITEMS SHALL BE PROTECTED.
 3. CONTRACTOR SHALL HAUL DISPOSAL ITEMS TO AN APPROVED LOCATION.

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ALL UTILITIES SHOULD BE LOCATED AND VERIFIED BEFORE ANY CONSTRUCTION SHOULD COMMENCE.

Theron J. Broadfoot, PE-2009013435
MO CERTIFICATE OF AUTHORITY # 2018030429
Robert Rollings Architects LLC
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Sedalia, MO 65301
660.829.9751

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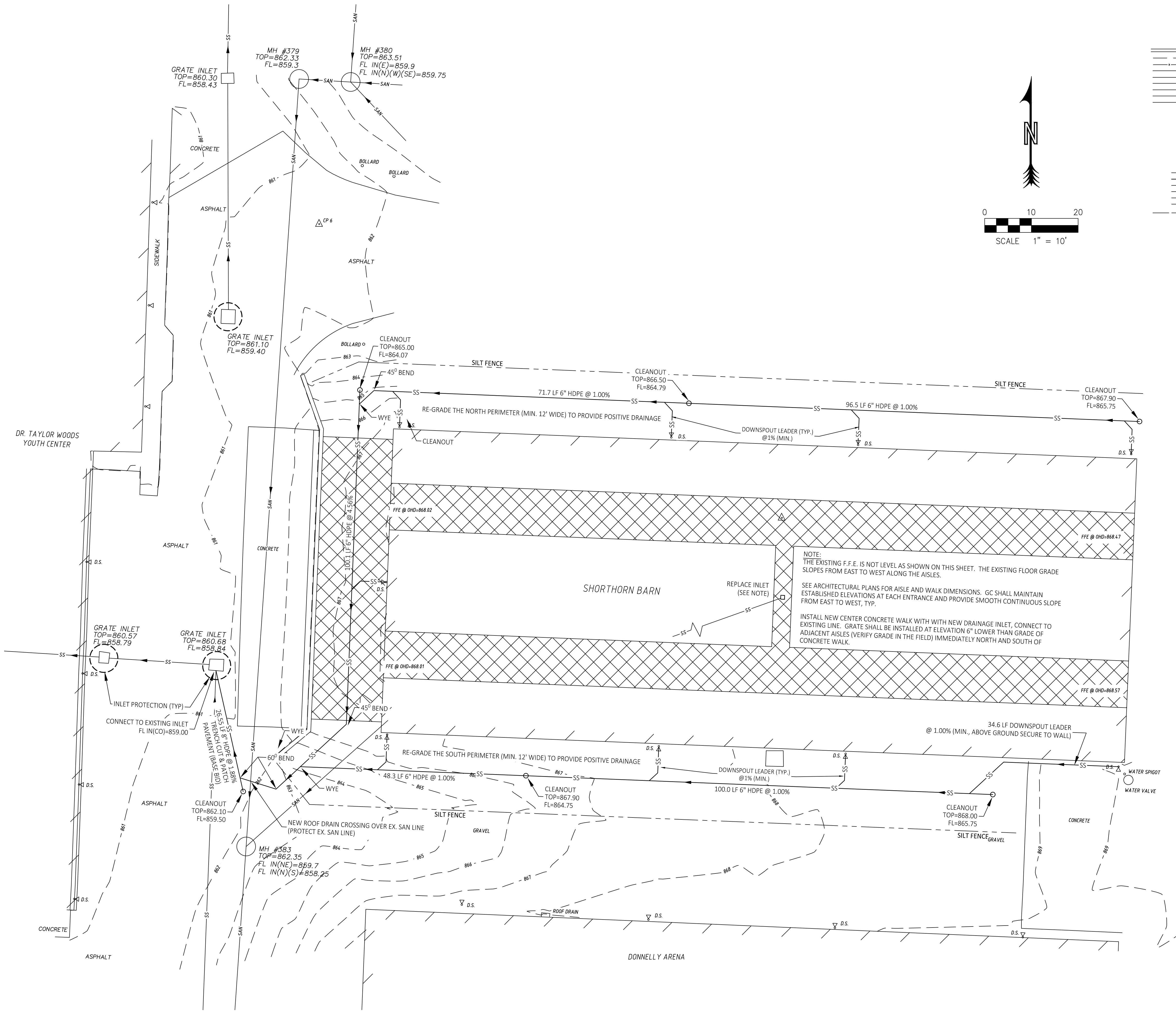
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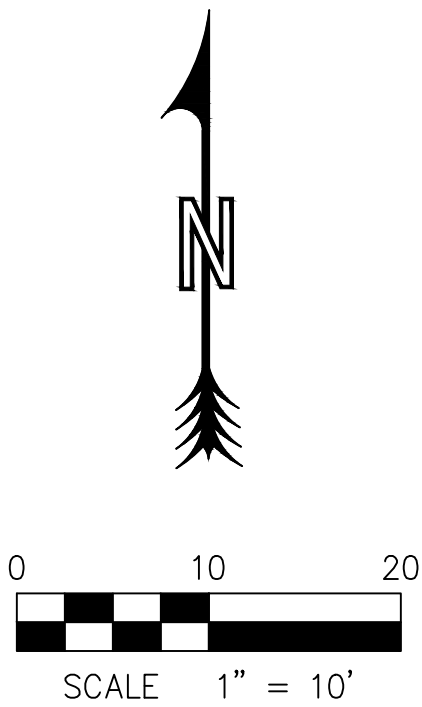
REVISION:
DATE:

ISSUE DATE: 06/29/2022
CONSTRUCTION DRAWINGS
CAD DWG FILE:
F2205-01-1501-3511501048-C-SP-05
DRAWN BY: TJB
CHECKED BY: TJB
DESIGNED BY: TJB
SHEET TITLE:

EXISTING CONDITIONS & DEMOLITION PLAN
SHEET NUMBER:
C-101
SHEET 5 OF 27



LEGEND	
---	EXISTING SURFACE CONTOUR
- - -	FENCE LINE
SS	STORM SEWER LINE
SAN	SANITARY SEWER LINE
G	GAS LINE
UT	UNDERGROUND TELEPHONE LINE
UE	UNDERGROUND ELECTRIC LINE
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FB	FULL BOX
Φ	FOUND APPARENT MONUMENT
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W	PROPOSED WATER LINE
UE	PROPOSED UNDERGROUND ELECTRIC LINE
- - -	SILT FENCE



STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

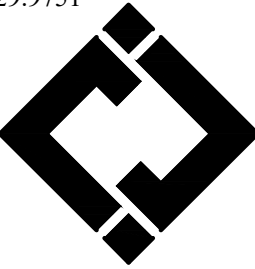


Theron J. Broadfoot, PE-2009013435
MO CERTIFICATE OF AUTHORITY # 2018030429

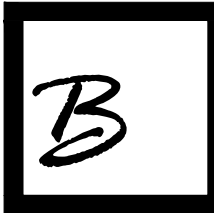
JUNE 29, 2022



Robert Rollings
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CONSTRUCTION DRAWINGS

CAD DWG FILE:
F2205-01-1501-3511501048-C-SP-06

DRAWN BY: TJB
CHECKED BY: TJB
DESIGNED BY: TJB

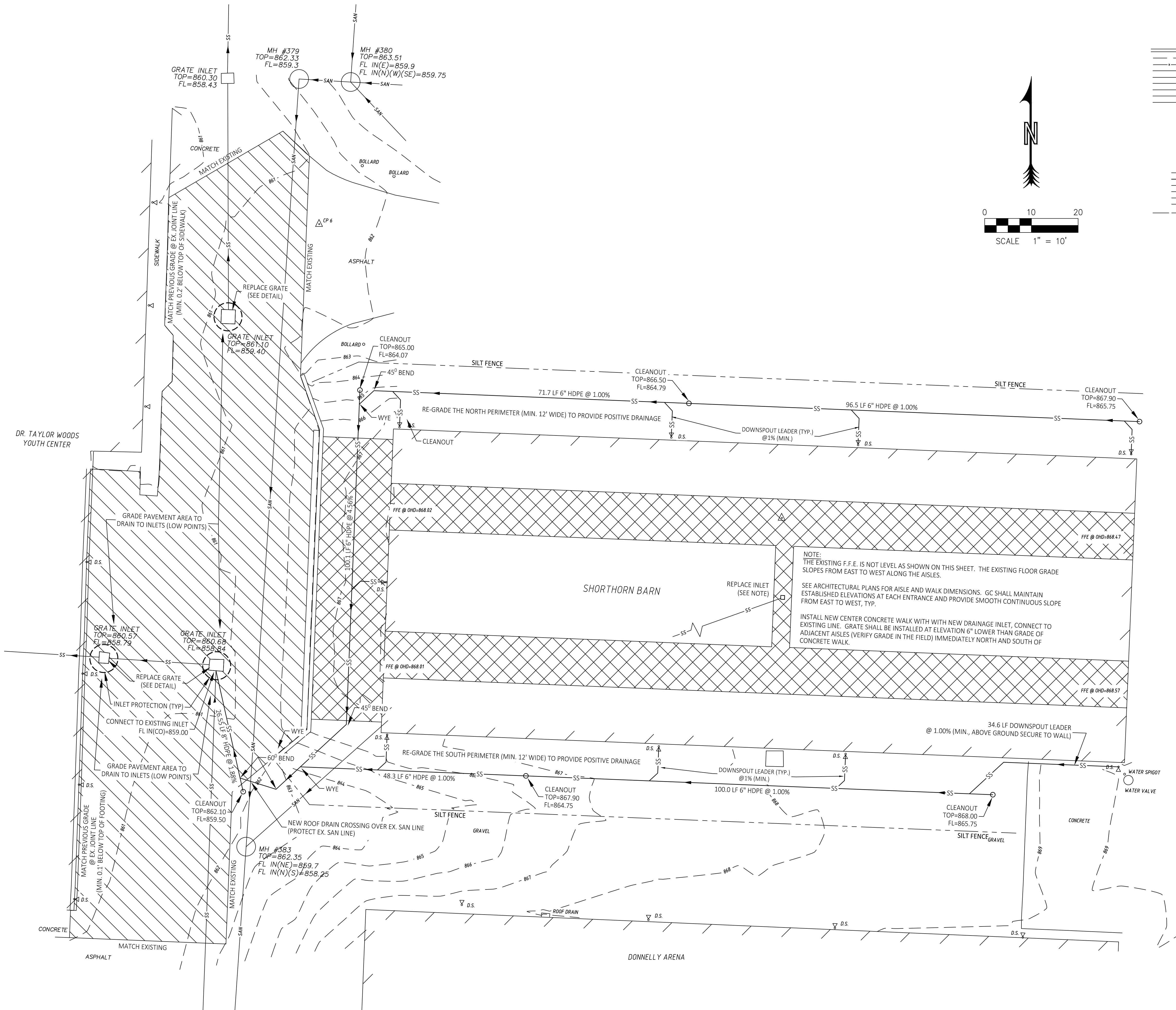
SHEET TITLE:

GRADING &
DRAINAGE &
EROSION CONTROL

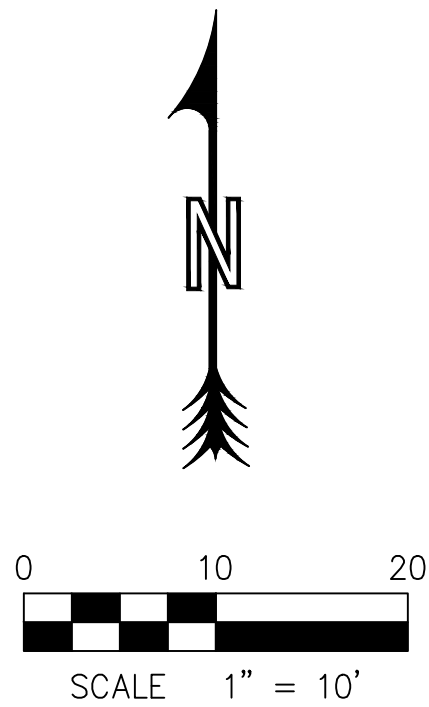
SHEET NUMBER:

C-102

SHEET 6 OF 27



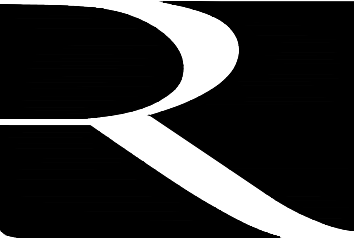
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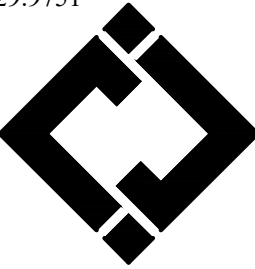
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OFFICE OF ADMINISTRATION
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MANAGEMENT DESIGN AND
CONSTRUCTION

INTERIOR & EXTERIOR
RENOVATIONS - SHORTHORN
BARN

MISSOURI STATE
FAIRGROUNDS
2503 W. 16TH ST
SEDALIA, MO 65301

PROJECT # F2205-01
SITE # 1501
ASSET # 3511501048

REVISION:
DATE:

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DATE:

REVISION:
DATE:

ISSUE DATE: 06/29/2022
CONSTRUCTION DRAWINGS

CAD DWG FILE:
F2205-01-1501-3511501048-C-SP-07

DRAWN BY: TJB
CHECKED BY: TJB
DESIGNED BY: TJB

SHEET TITLE:

ALTERNATE GRADING
& DRAINAGE &
EROSION CONTROL
PLAN

SHEET NUMBER:

C-103

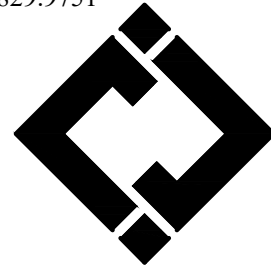
SHEET 7 OF 27



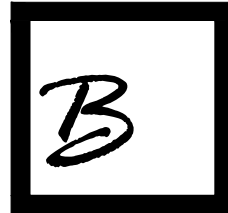
Theron J. Broadfoot, PE-2099013435
MO CERTIFICATE OF AUTHORITY # 2018030429
JUNE 29, 2022



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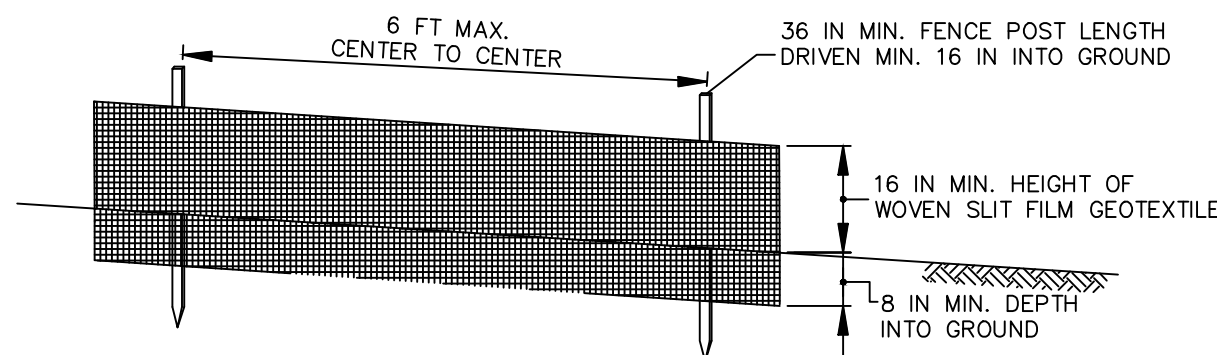
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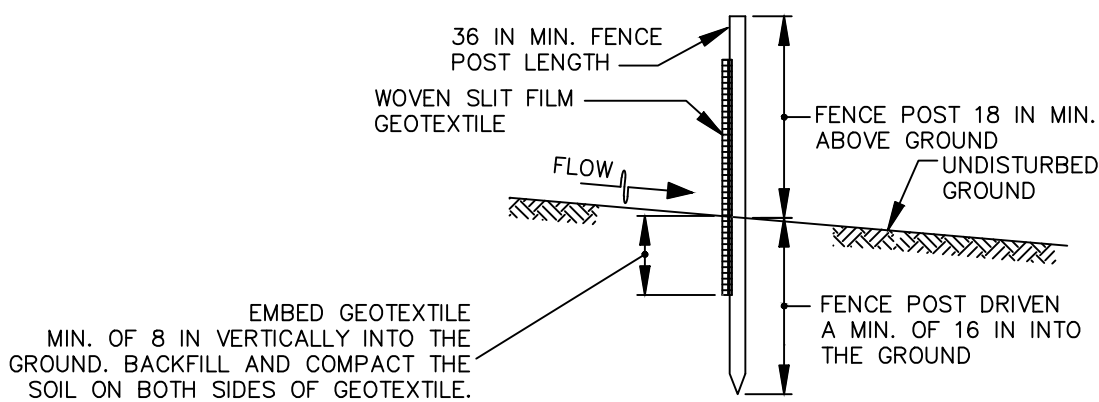
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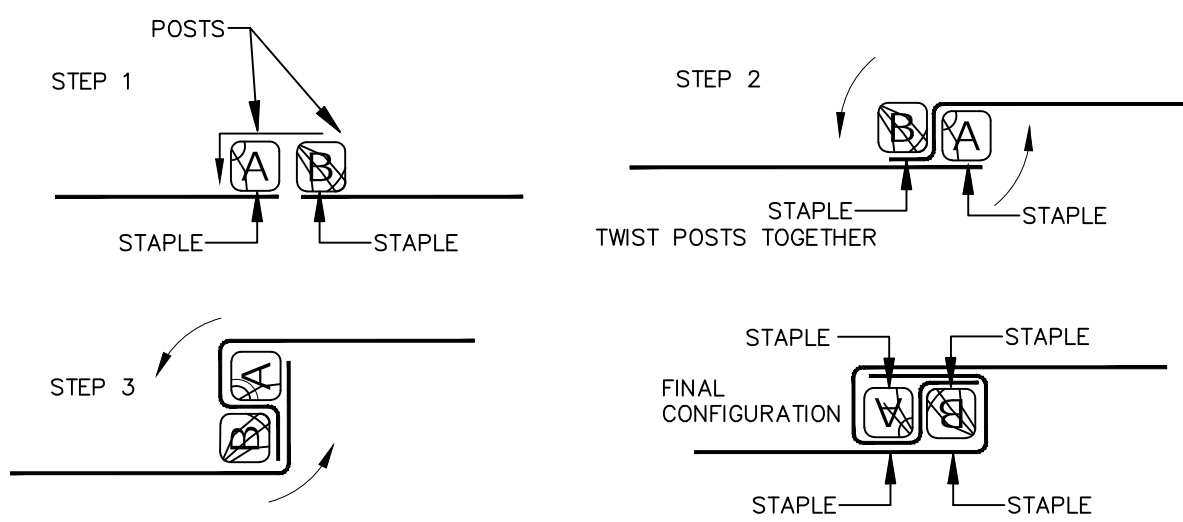
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ELEVATION

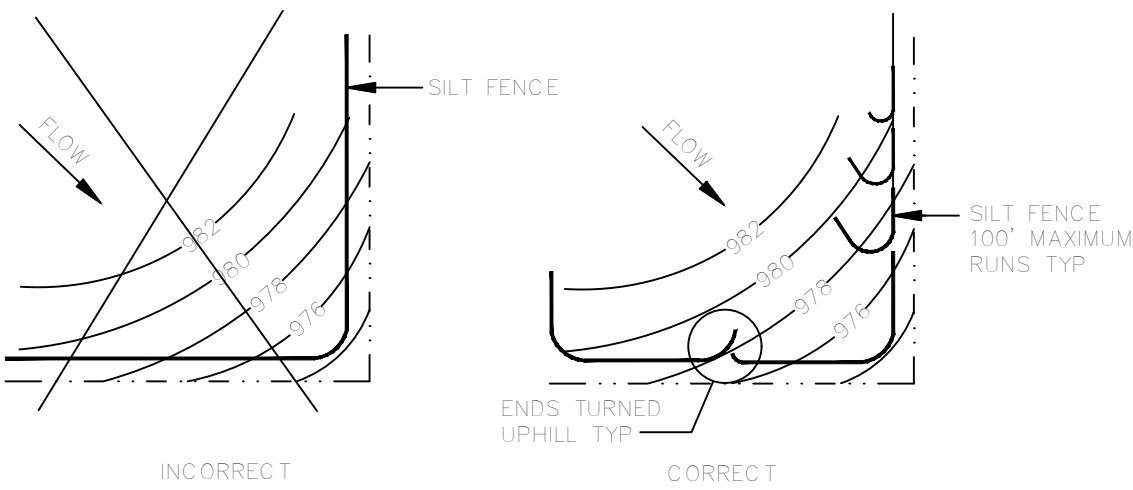


CROSS SECTION



JOINING TWO ADJACENT SILT
FENCE SECTIONS (TOP VIEW)

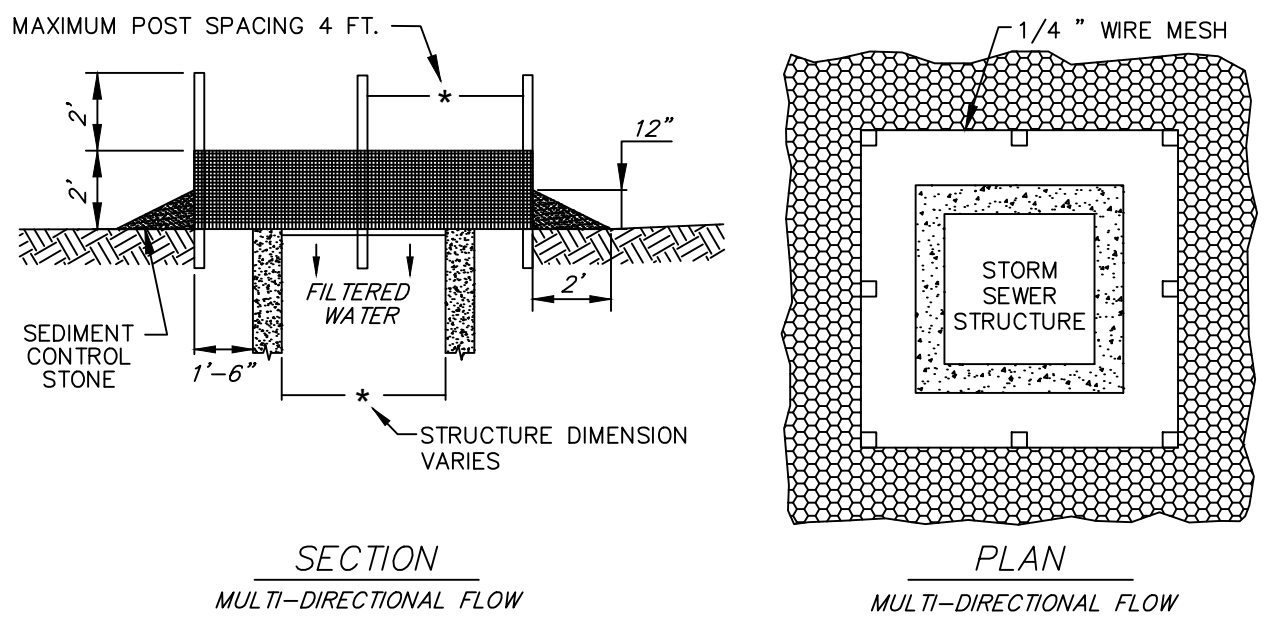
SILT FENCE DETAIL
NOT TO SCALE



SILT FENCE LAYOUT
NOT TO SCALE

SILT FENCE SPECIFICATIONS

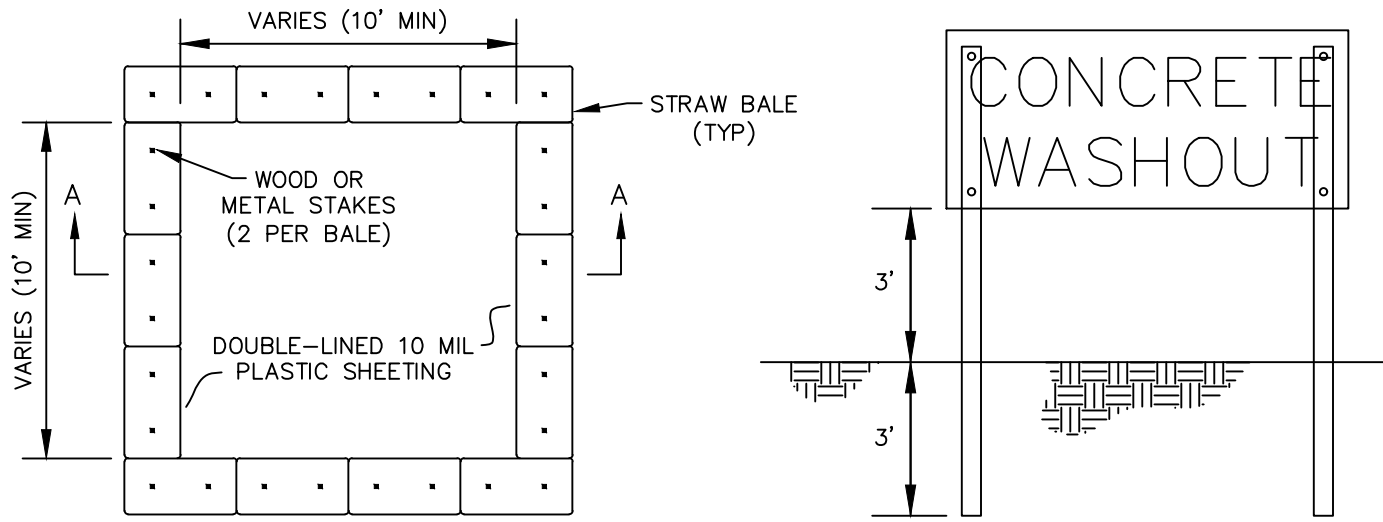
- USE WOOD POSTS $1\frac{3}{4} \times 1\frac{3}{4} \pm \frac{1}{16}$ INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
- USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
- USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
- PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.
- WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
- EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.



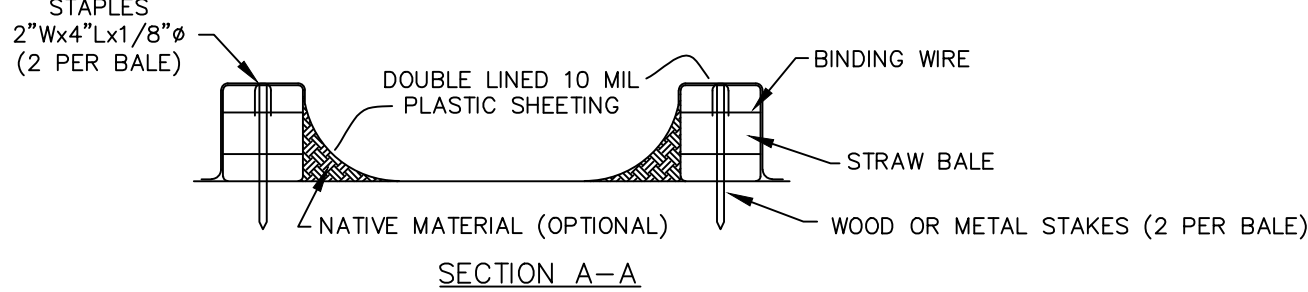
- NOTES:
- SEDIMENT CONTROL STONE SHALL BE $\frac{3}{4}$ " WASHED STONE.
 - WIRE MESH SHALL BE HARDWARE CLOTH 23 GAUGE MIN. AND SHALL HAVE $\frac{1}{4}$ INCH MESH OPENINGS
 - TOP OF WIRE MESH SHALL BE A MINIMUM OF ONE FOOT BELOW THE SHOULDER OR ANY DIVERSION POINT.
 - STEEL POST SHALL BE 5 FT. IN HEIGHT, BE INSTALLED 1.5 FT. DEEP MINIMUM, AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.
 - WOOD POST SHALL BE 6 FT. IN HEIGHT, BE INSTALLED TO 1.5 FT. DEEP MINIMUM, AND BE 3 INCHES IN DIAMETER.
 - POST SPACING SHALL BE A MAXIMUM OF 4 FT.

INLET PROTECTION

NOT TO SCALE



SIGN

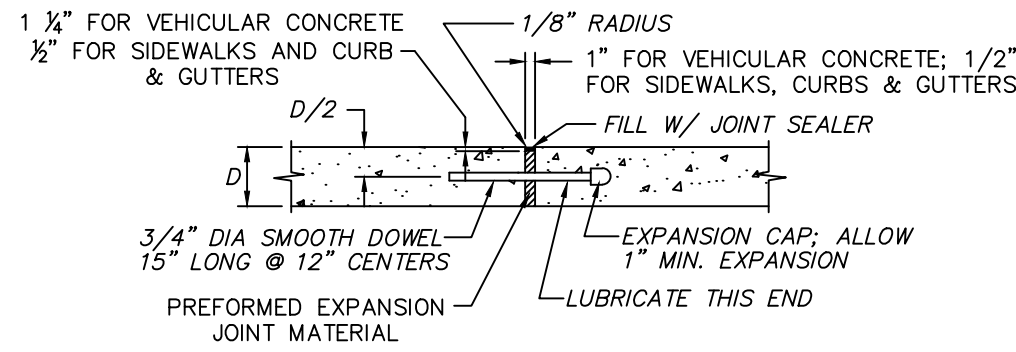
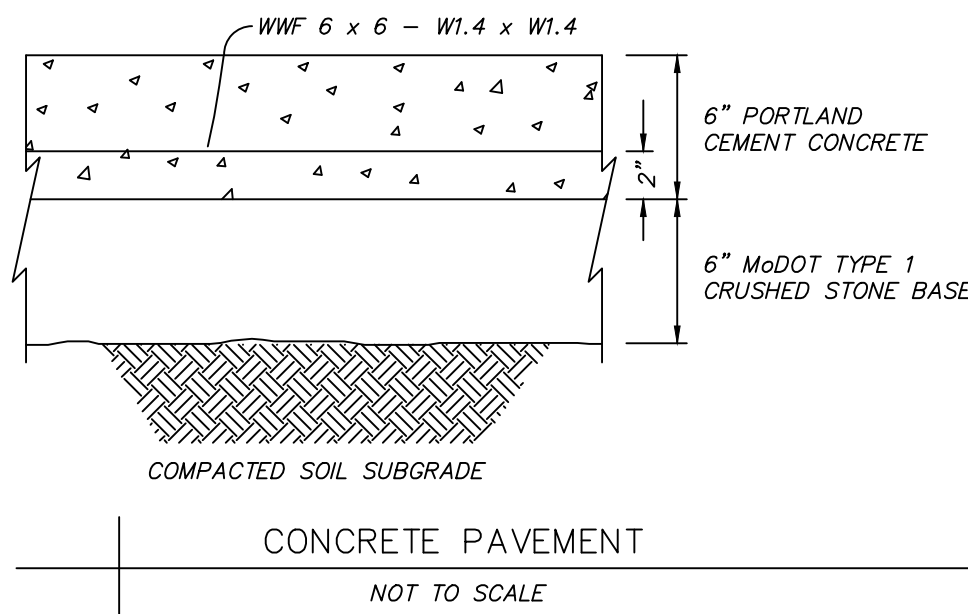


SECTION A-A

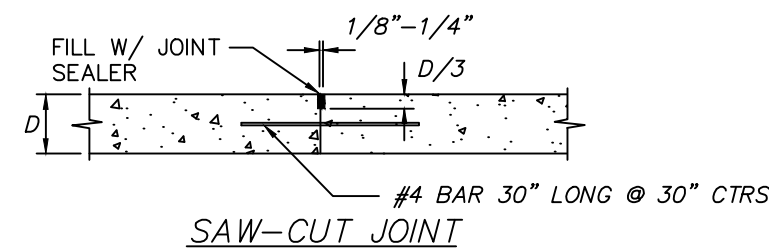
- NOTES:
- ALL CONCRETE WASTE MATERIAL, INCLUDING WASHOUT WATER, SHALL BE TOTALLY CONTAINED.
 - SEE SWPPP FOR MORE DETAILS.
 - UPON PROJECT COMPLETION CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONCRETE WASTE FROM THE OWNER'S PROPERTY PER ALL APPLICABLE SOLID WASTE REGULATIONS.
 - CONSTRUCT SIGN OF WEATHER PROOF MATERIALS OF A SIZE EASILY READABLE BY CONCRETE TRUCK DRIVERS. PLACE SIGN WITHIN 10' OF WASHOUT.
 - CONTRACTOR SHALL CONTAIN WASHOUT WATERS AT ALL TIMES.

CONCRETE WASHOUT AREA

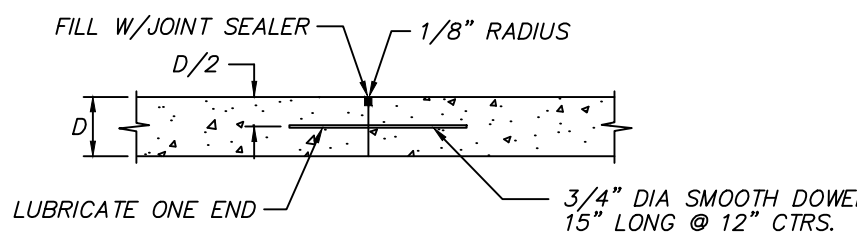
NOT TO SCALE



EXPANSION JOINT



SAW-CUT JOINT



CONSTRUCTION JOINT

- NOTES:
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT A PAVEMENT JOINT PLAN OF ALL CONCRETE PAVEMENT FOR APPROVAL.
 - CONCRETE PAVEMENT SHALL HAVE SAW-CUT OR CONSTRUCTION JOINTS EVERY 10 FEET FOR 4 INCH THICK PAVEMENT, 12 FEET FOR 5 INCH THICK PAVEMENT, AND 15 FEET FOR 6 INCH THICK PAVEMENT OR GREATER. PANELS SHALL BE CUT SUCH THAT PANELS ARE NEARLY SQUARE AND DO NOT EXCEED 1.4 LENGTH TO WIDTH RATIO. EXPANSION JOINTS SHALL BE PROVIDED AT ALL FIXED STRUCTURES, SUCH AS: LIGHT STANDARD FOUNDATIONS, SEWER STRUCTURES, BUILDINGS, WALLS, BOTTOM OF STAIRS, ROOF DRAINS, ETC., AND EVERY 150 FEET MAXIMUM. DOWEL BARS SHALL BE PROVIDED AT TRANSVERSE JOINTS IN ALL HEAVY DUTY PAVEMENT.
 - THIS DETAIL APPLIES TO ALL CONCRETE PAVEMENT FOR PARKING LOTS, DRIVE/ACCESS AISLES, CURBS & GUTTERS, AND SIDEWALKS.
 - ALL 9 INCH THICK HEAVY DUTY CONCRETE PAVEMENT SHALL HAVE JOINTS PER MODOT DETAILS, INCLUDING 1.25 INCH SMOOTH DOWELS WITH DOWEL SUPPORT BASKETS PER MODOT DETAIL AND LONGITUDINAL JOINTS WITH #5 X 30" TIE BARS.
 - INCLUDE BAR WITH TRANSVERSE SAW-CUT JOINTS FOR HEAVY DUTY PAVEMENT. OMIT BAR WITH SAW-CUT JOINTS FOR STANDARD DUTY PAVEMENT AND SIDEWALKS.
 - PROVIDE CONSTRUCTION JOINT AT END OF DAYS WORK OR IF CONCRETE PLACEMENT IS SUSPENDED FOR MORE THAN 30 MINUTES.
 - SAW-CUT JOINTS SHALL BE CUT WITHIN 12 HOURS OF INITIAL SET OF CONCRETE. RAVELED JOINTS WILL NOT BE ACCEPTED.
 - ELASTOMERIC POLYURETHANE JOINT SEALANT IS REQUIRED FOR ALL JOINTS AND SHALL BE LIGHT GRAY IN COLOR.
 - OMIT DOWEL BARS FOR EXPANSION JOINTS AT BUILDINGS, LIGHT STANDARDS, AND ROOF DRAINS.

CONCRETE PAVEMENT JOINTS

NOT TO SCALE

- ATTENTION (OR REPAIR) REQUIRED

ROOF CORE

HOT VENT

VENT THROUGH ROOF

FAN
- ANTENNA, MAY VARY

EXPANSION JOINT

PONDED WATER

TURBINE

SOIL STACK
- DNDS DOWNSPOUT

AD AREA DIVIDER

E CURB MOUNTED EQUIPMENT (FANS & VENTS)

HATCH

ROOF TOP UNIT, HVAC

RUT
- P3 APPROX. PHOTO LOCATION & DIRECTION

G GAS LINE

E ELECTRICAL CONDUIT

P EXISTING ROOF PATCH

WALKWAY PADS
- FLUE CHIMNEY

EXAMPLE ROOF SLOPE

THROUGH WALL SCUPPER

OS OVERFLOW SCUPPER

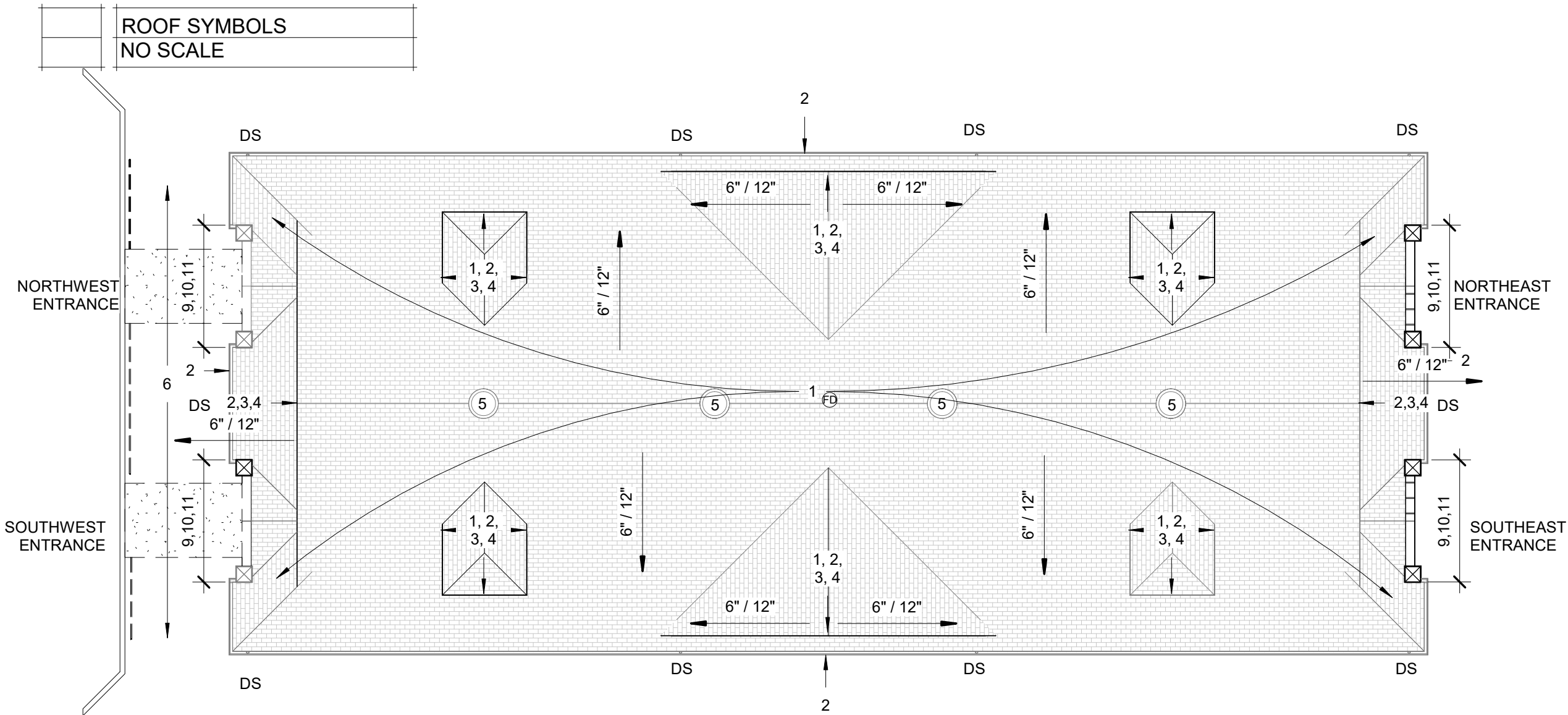
LADDER
- SLOPE DIRECTION

ROOF DRAIN

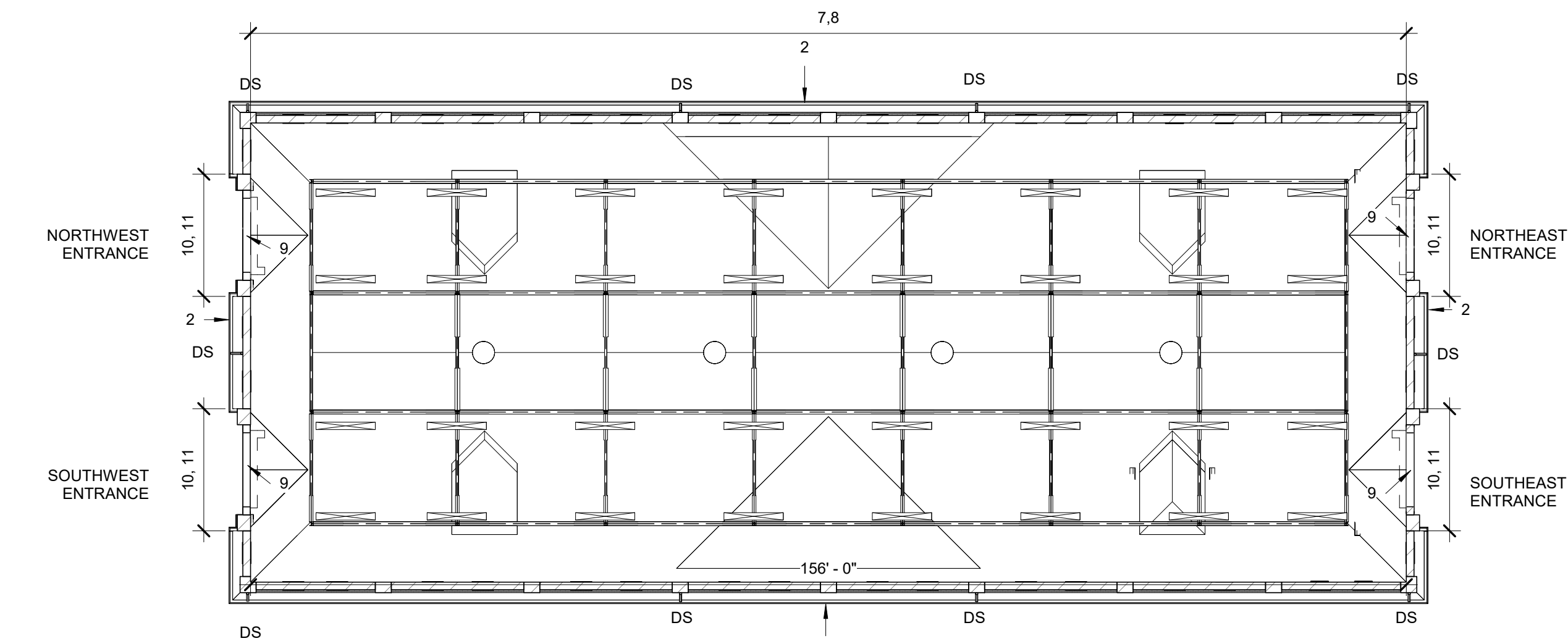
OVERFLOW DRAIN

PITCH POCKET

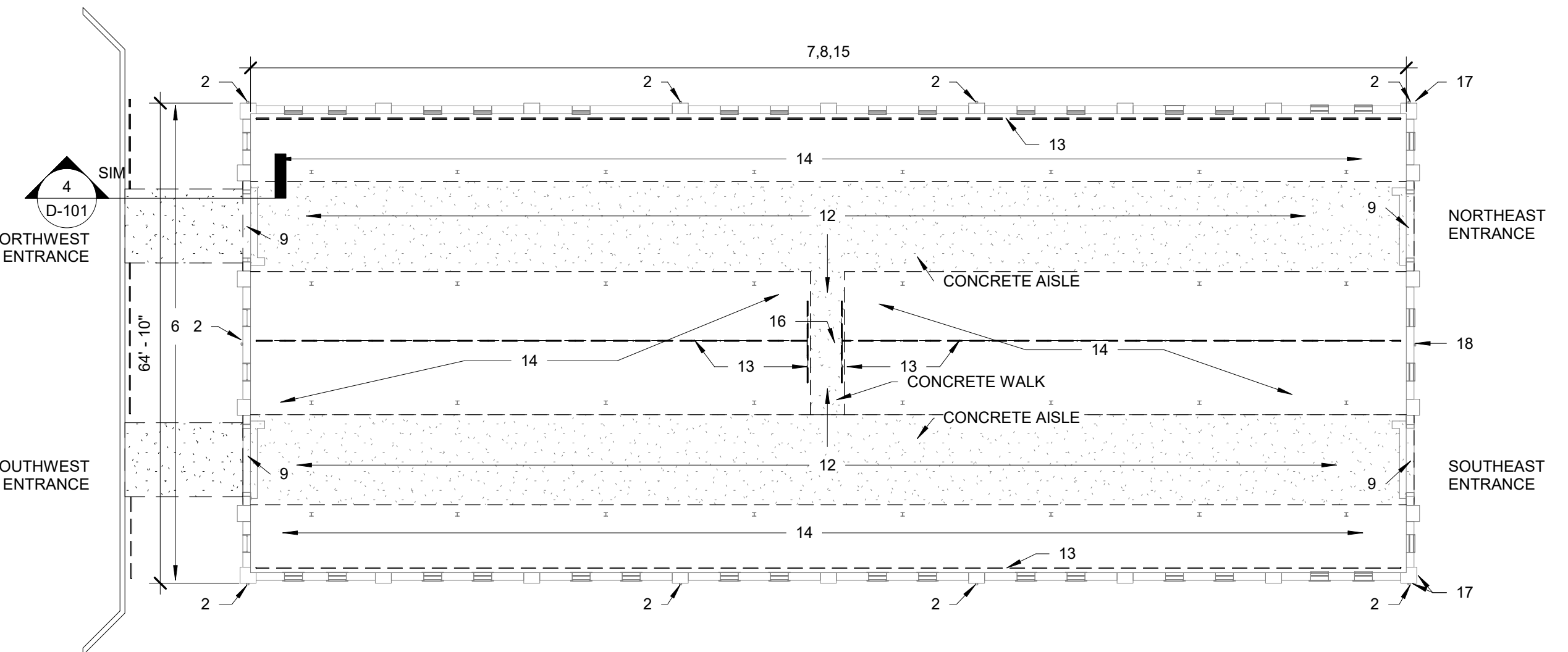
ROOF LEGEND: ALL SIZES SHALL BE NOTED, EXCEPT WHEN NOT APPLICABLE. DESCRIPTION MAY BE REQUIRED.



1
D-101
EXISTING / DEMO ROOF / SITE PLAN
1/16" = 1'-0"



2
D-101
DEMO REFLECTED CEILING PLAN
1/16" = 1'-0"



3
D-101
EXISTING / DEMO FLOOR PLAN
1/16" = 1'-0"



SOUTHEAST ENTRANCE



NORTHEAST ENTRANCE

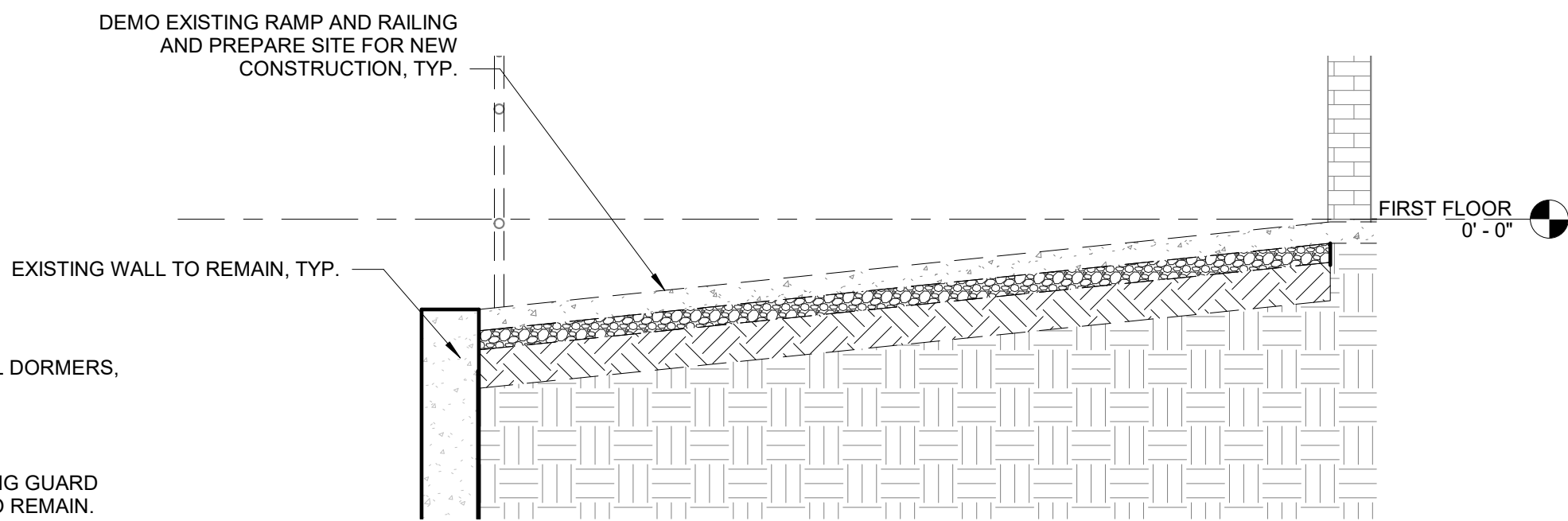


NORTHWEST ENTRANCE



SOUTHWEST ENTRANCE

5
D-101
PORTAL DEMO EXTENTS
3/4" = 1'-0"



4
D-101
RAMP DEMO DETAIL
3/8" = 1'-0"

1. DEMO EXISTING ASPHALT SHINGLES, ROOF FLASHING AND MEMBRANE TO DECK, TYP.
2. DEMO EXISTING CORNICE, SOFFIT, FASCIA, GUTTERS, AND DOWNSPOUTS, TYPICAL AT ALL DORMERS, GABLE ENDS, EAVES, ETC., TYP.
3. DEMO ALL LOUVERS, TYP.
4. DEMO ALL SIDING AT DORMERS AND GABLE ENDS, TYP.
5. SALVAGE EXISTING ROOF VENTS FOR REINSTALLATION, TYP.
6. DEMO CONCRETE LOADING RAMPS TO INTERIOR FACE OF MASONRY WALL. DEMO EXISTING GUARD RAILS, EXISTING STORM DRAINS, AND REMOVE EXTRA SOIL, EXISTING RETAINING WALL TO REMAIN. PREP ENTIRE AREA FOR NEW DRAINS AND CONCRETE, TYP.
7. DEMO EXISTING ELECTRICAL SYSTEMS AS INDICATED ON ELECTRICAL DRAWINGS, TYP. EXISTING LIGHTS TO REMAIN, SEE ELECTRICAL DRAWINGS FOR EXTENT OF ELECTRICAL DEMOLITION.
8. PREP STRUCTURE FOR FOR PAINTING, INTENT IS TO PAINT OVER EXISTING PAINT, SEE BUILDING SECTIONS FOR PAINTING EXTENTS, TYP.
9. ALTERNATE 1, DEMO EXISTING COILING METAL DOORS AND WOOD BLOCKING INSTALL NEW TREATED BLOCKING, TYP.
10. DEMO EXISTING CLAY COPING
11. DEMO EXISTING BRICK WALL AND COLUMNS TO "ORIGINAL BRICK" SEE PICTURES, THIS PAGE, FOR APPROXIMATE EXTENTS. PREP FOR CONSTRUCTION OF NEW AS INDICATED IN CONSTRUCTION DOCUMENTS, REMOVE ROOF FRAMING AND SHEATHING AS REQUIRED BY BRICK DEMOLITION, REINSTALL UPON COMPLETION OF NEW BRICK INSTALLATION, TYP.
12. DEMOLISH EXISTING CONCRETE AISLES AND WALK, EXISTING F.F.E. IS NOT LEVEL, THERE IS AN EXISTING SLOPE FROM EAST TO WEST ALONG THE AISLES. SEE C-100 FOR EXISTING GRADES. GC SHALL MAINTAIN ESTABLISHED ELEVATIONS AT EACH ENTRANCE AND PROVIDE SMOOTH CONTINUOUS SLOPE FROM EAST TO WEST, TYP.
13. DEMOLISH EXISTING TIE RAILS, INCLUDING ANY FOOTINGS AND THROUGH WALL TIE ROD SUPPORTS, GROUT HOLES IN BRICK WALLS MADE BY TIE ROD SUPPORT PENETRATIONS, TYP.
14. REMOVE EXISTING LIME FILL, TO 6" BELOW F.F.E., PREPARE SUB-GRADE FOR INSTALLATION OF NEW 6" OF LIME. THE ENTIRE SUB-GRADE SHALL BE SMOOTH, LEVEL, UNIFORM, STABILIZED, AND FREE OF STONES OR OTHER SIMILAR OBJECTS LARGER THAN TWO INCHES, TYP.
15. ALTERNATE 1, DEMO ALL EXISTING WINDOW FRAMES, PLYWOOD INFILL PANELS, AND ANY OTHER EXISTING WINDOW ACCESSORIES, EXISTING WOOD HEADERS TO REMAIN, TYP.
16. DEMOLISH EXISTING DRAIN AND WATER SUPPLY LINE, SEE MEP DRAWINGS FOR EXTENTS OF DEMOLITION, TYP.
17. REPLACE BRICK AND GROUT AS REQUIRED BY EXISTING DAMAGE AT CORNERS TYP.
18. REPLACE WASHED OUT GROUT, TUCKPOINT TO EXTENTS NEEDED, TYP.

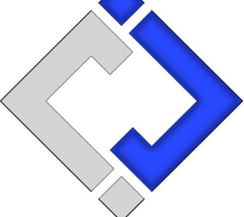
STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



Robert D. Rollings 2005001206, Certificate of Authority # A-2006003870



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F2205-01-1501-3511501048-A-DP-10

DRAWN BY: AMK
CHECKED BY: RDR
DESIGNED BY: AMK

SHEET TITLE:

DEMOLITION PLANS

SHEET NUMBER:

D-101

SHEET 10 OF 27



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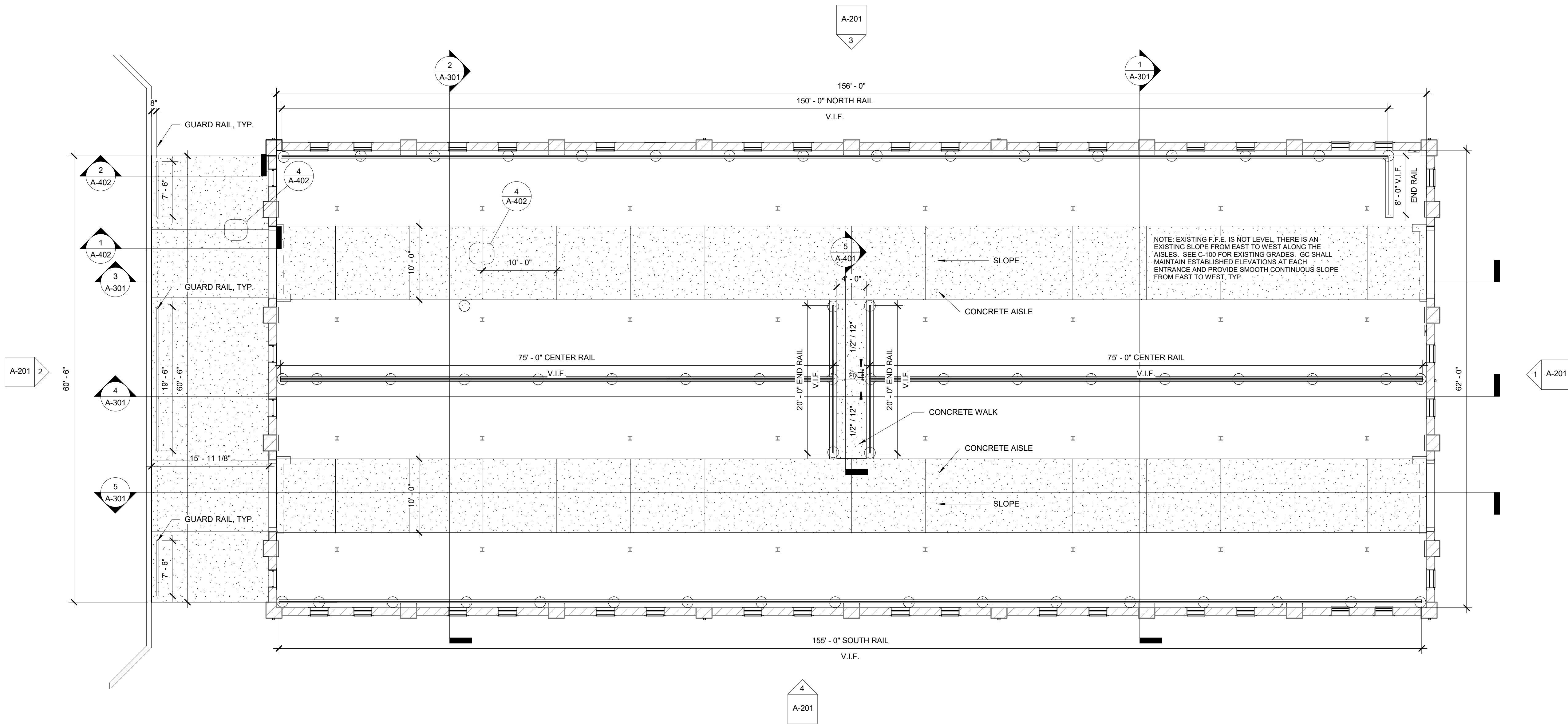
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FLOOR PLAN

SHEET NUMBER:

A-101

SHEET 11 OF 27



1 FLOOR PLAN
1/8" = 1'-0"

- ATTENTION (OR REPAIR) REQUIRED

ROOF CORE

HOT VENT

VENT THROUGH ROOF

FAN
- ANTENNA, MAY VARY

EXPANSION JOINT

PONDED WATER

TURBINE

SOIL STACK
- DS DOWNSPOUT

AD AREA DIVIDER

CURB MOUNTED EQUIPMENT (FANS & VENTS)

HATCH

RUT

ROOF TOP UNIT, HVAC
- P3 APPROX. PHOTO LOCATION & DIRECTION

G GAS LINE

E ELECTRICAL CONDUIT

P EXISTING ROOF PATCH

WALKWAY PADS
- FLUE CHIMNEY

25:12 EXAMPLE ROOF SLOPE

THROUGH WALL SCUPPER

OS OVERFLOW SCUPPER

LADDER
- SLOPE DIRECTION

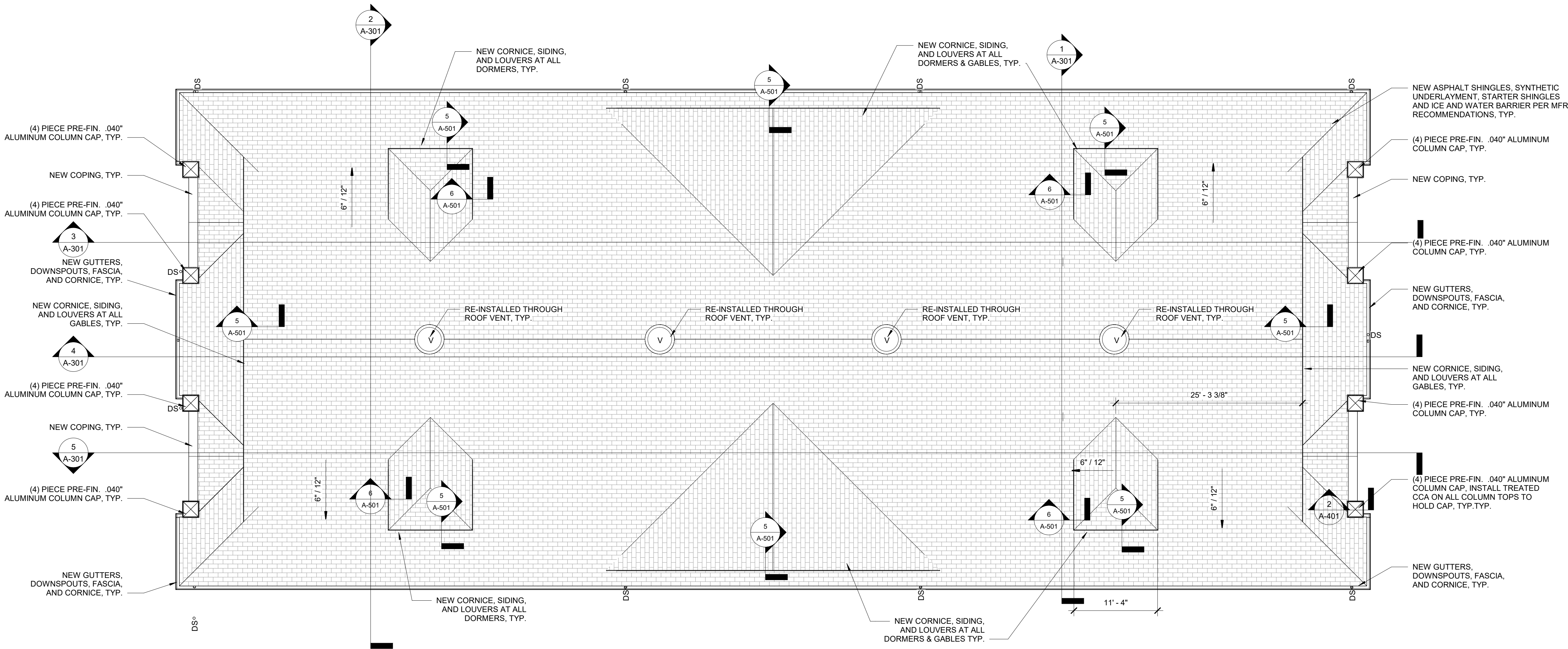
ROOF DRAIN

OVERFLOW DRAIN

PITCH POCKET

ROOF LEGEND: ALL SIZES SHALL BE NOTED, EXCEPT WHEN NOT APPLICABLE. DESCRIPTION MAY BE REQUIRED.

	ROOF SYMBOLS
	NO SCALE

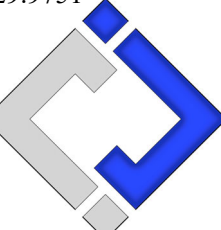


	1	ROOF PLAN
	A-102	1/8" = 1'-0"

STATE OF MISSOURI
MICHAEL L. PARSON,
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DESIGNED BY: AMK

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ROOF PLAN

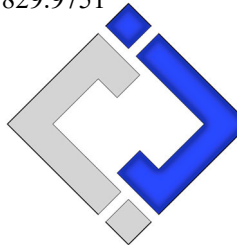
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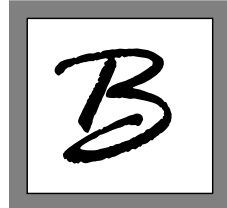
SHEET 12 OF 27



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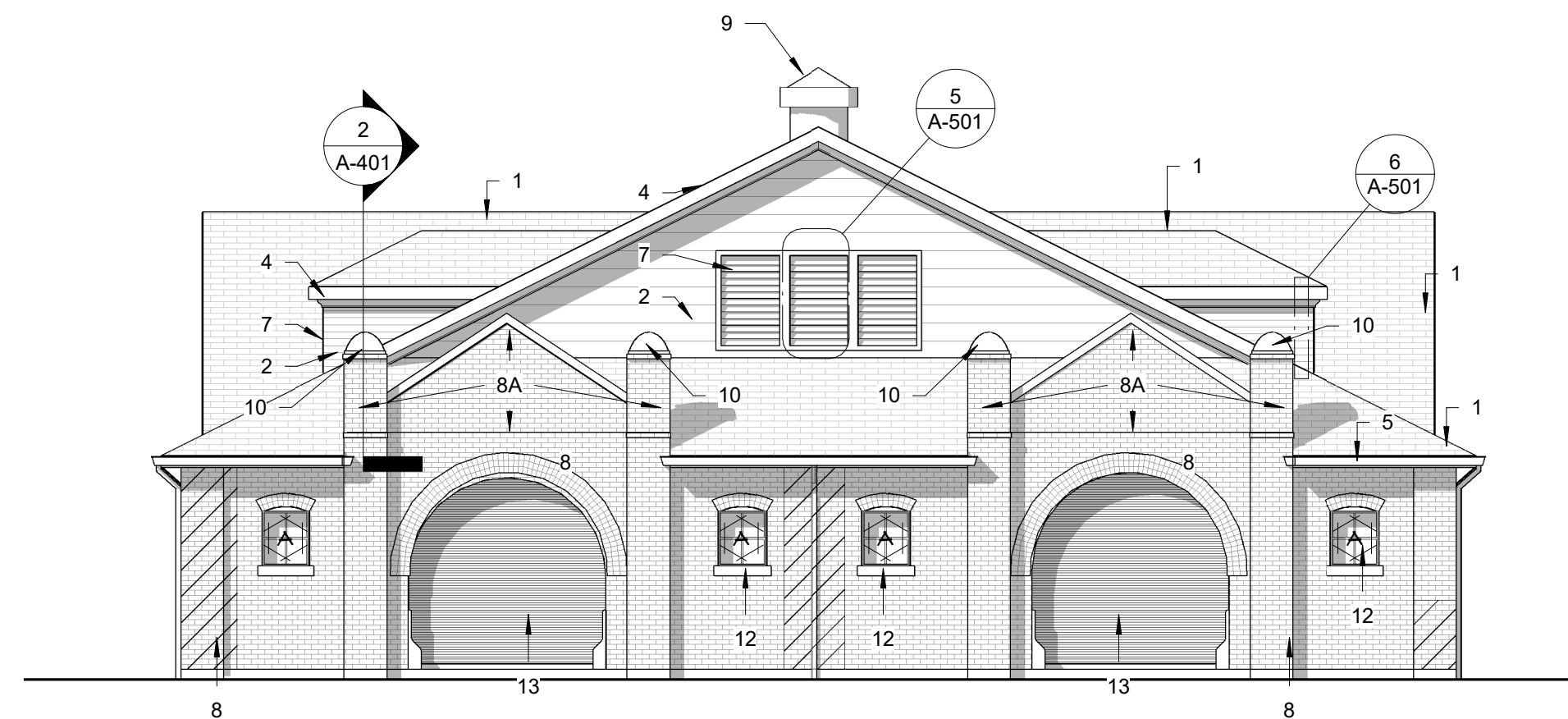
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**EXTERIOR
ELEVATIONS**

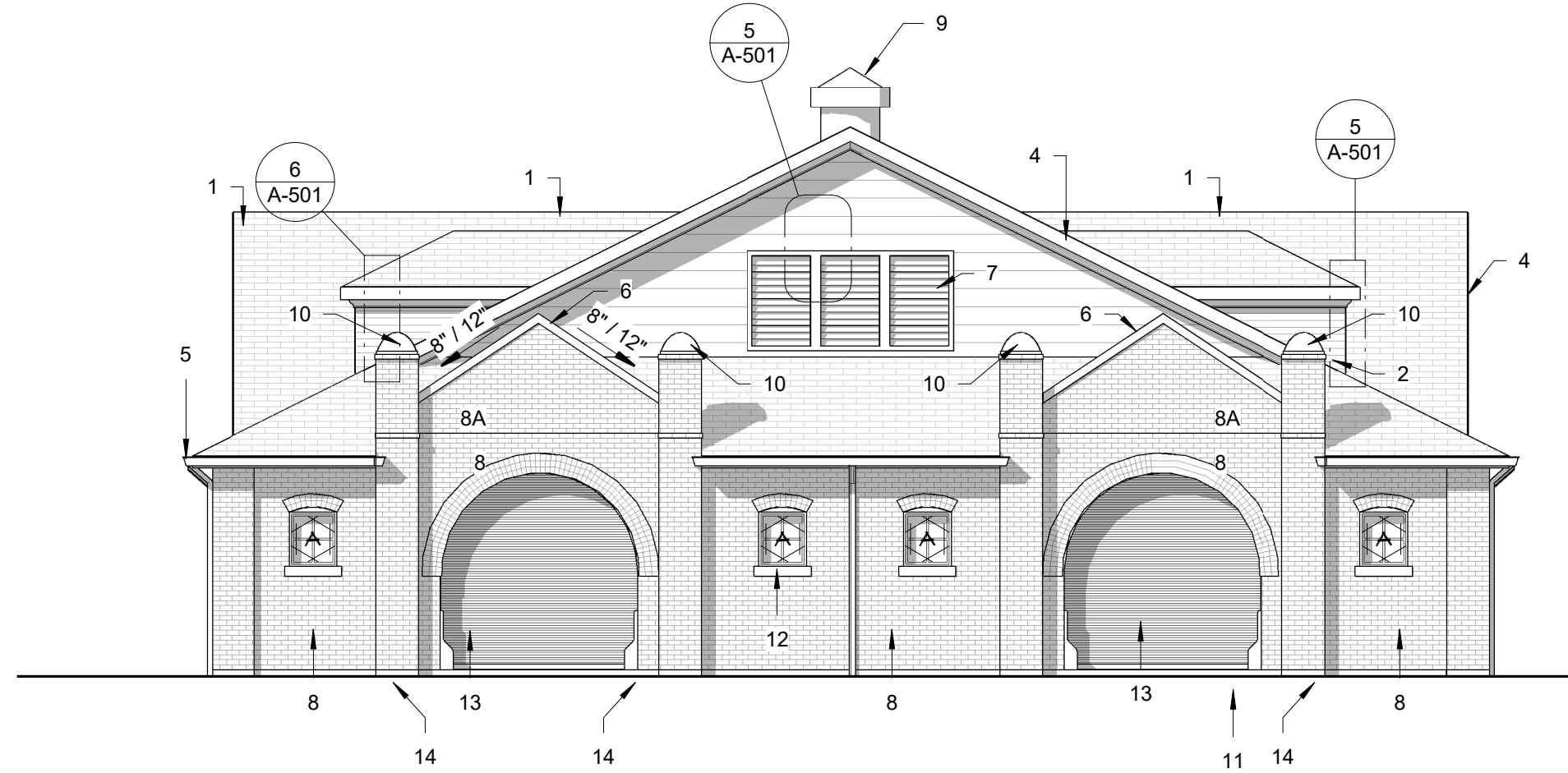
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A-201

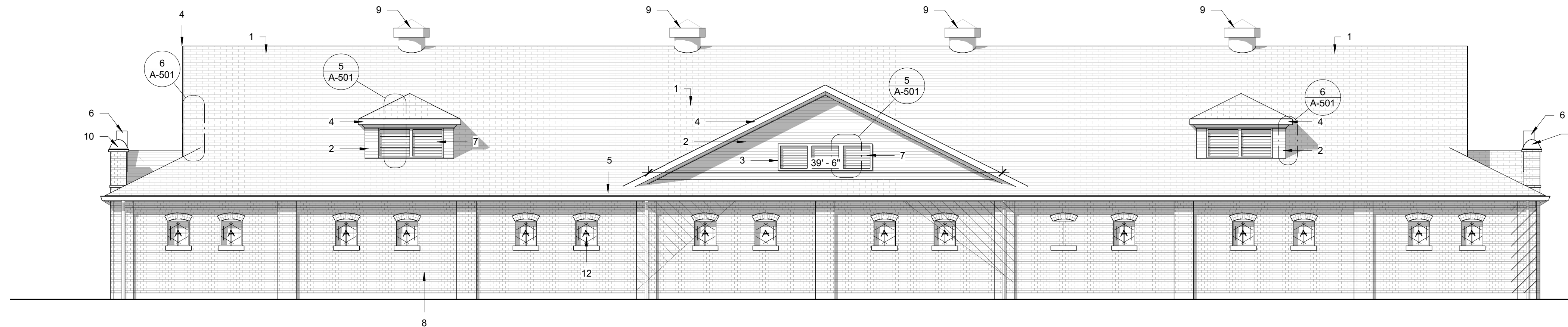
SHEET 13 OF 27



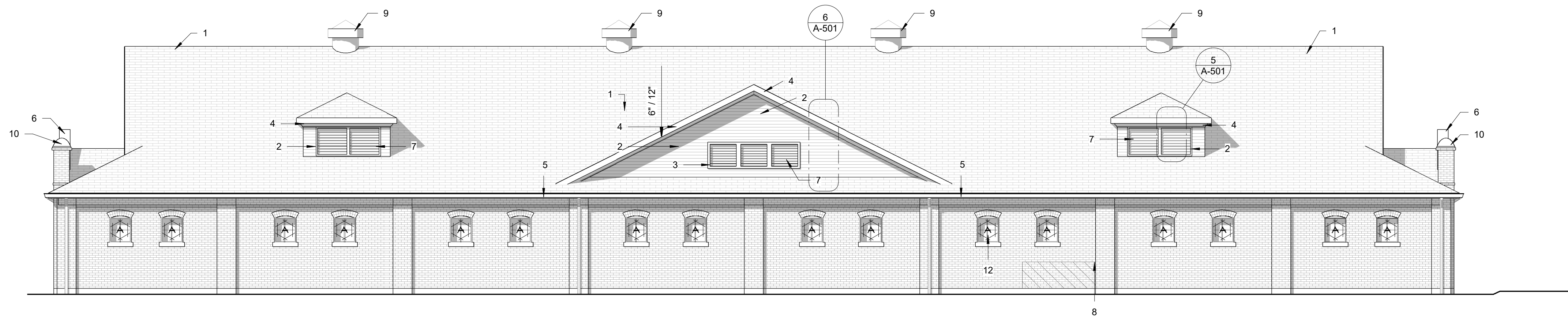
1	EAST ELEVATION
A-201	1/8" = 1'-0"



2	WEST ELEVATION
A-201	1/8" = 1'-0"

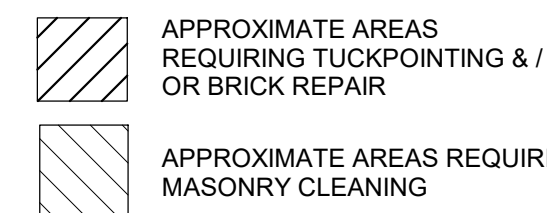


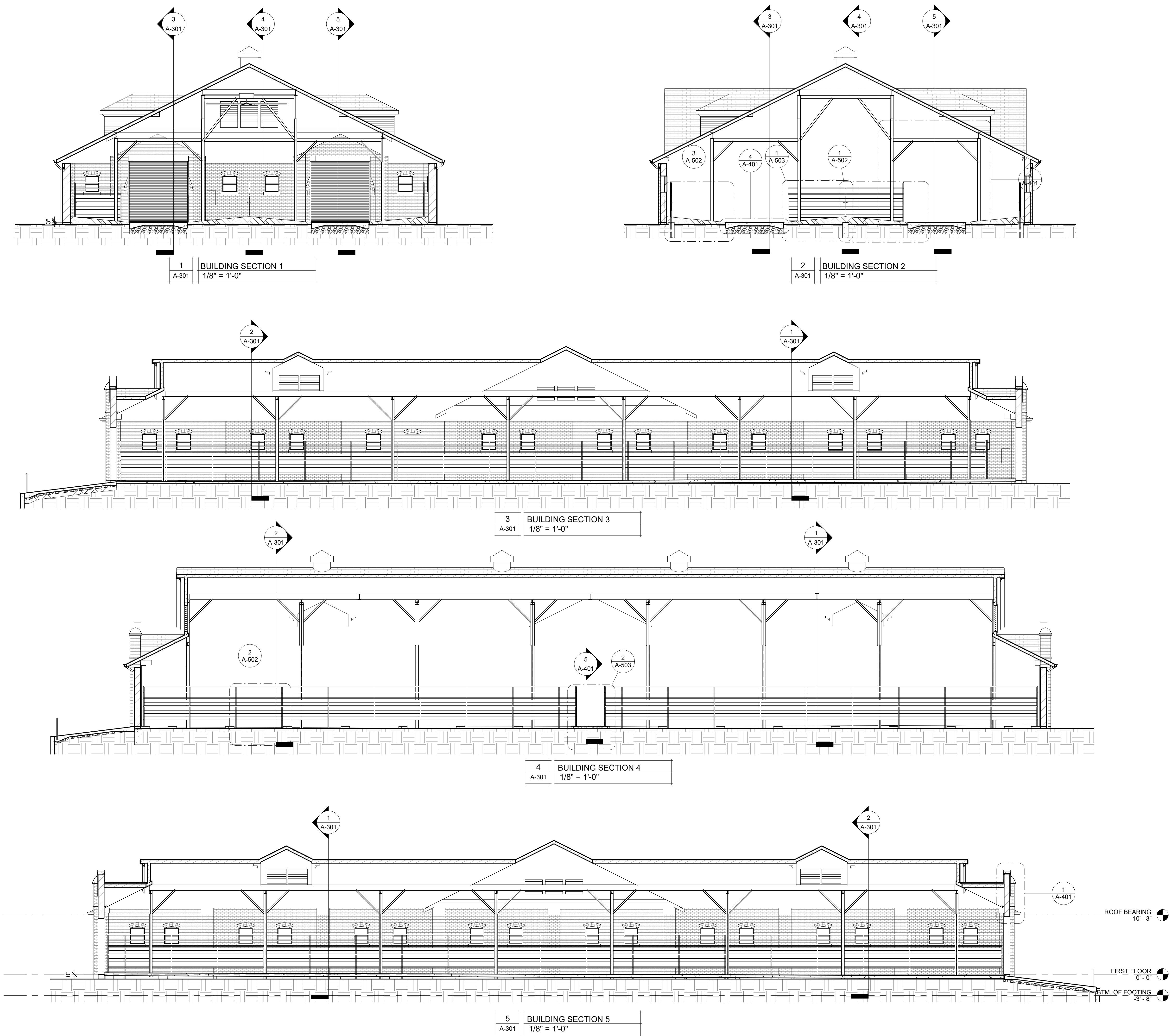
3	NORTH ELEVATION
A-201	1/8" = 1'-0"



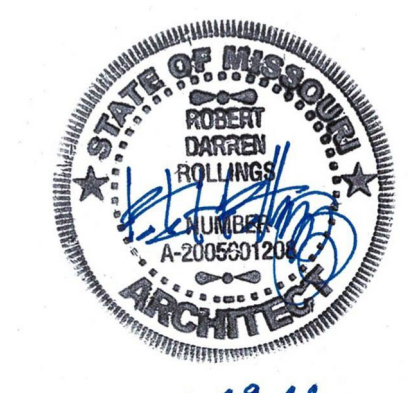
4	SOUTH ELEVATION
A-201	1/8" = 1'-0"

ELEVATION TAG KEY:
NOTE: NOT ALL COMMENTS MAY APPEAR ON ALL VIEWS
1. ASPHALT SHINGLES
2. FIBER CEMENT SIDING
3. FIBER CEMENT TRIM BOARD
4. PRE-FIN. METAL CORNICE, SOFFIT, FASCIA
5. GUTTERS & DOWNSPOUTS
6. PRE-FIN. METAL COPING
7. PRE-FIN. ALUMINUM LOUVERS
8. EXISTING BRICK
A. NEW BRICK
9. EXISTING ROOF VENTS - REINSTALLED
10. METAL COLUMN CAP
11. CONTINUOUS CONCRETE LOADING RAMP
12. NEW WINDOWS
13. NEW OVERHEAD DOORS
14. METAL GUARD RAILS W/ (2) CHAINS ACROSS OPENINGS.





STATE OF MISSOURI
MICHAEL L. PARSON,
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2503 W. 16TH ST
SEDALIA, MO 65301
PROJECT # F2205-01
SITE # 1501
ASSET # 3511501048

REVISION: _____
DATE: _____

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DATE: _____

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DATE: _____

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CAD DWG FILE:
F2205-01-1501-3511501048-A-SC-14
DRAWN BY: AMK
CHECKED BY: RDR
DESIGNED BY: AMK

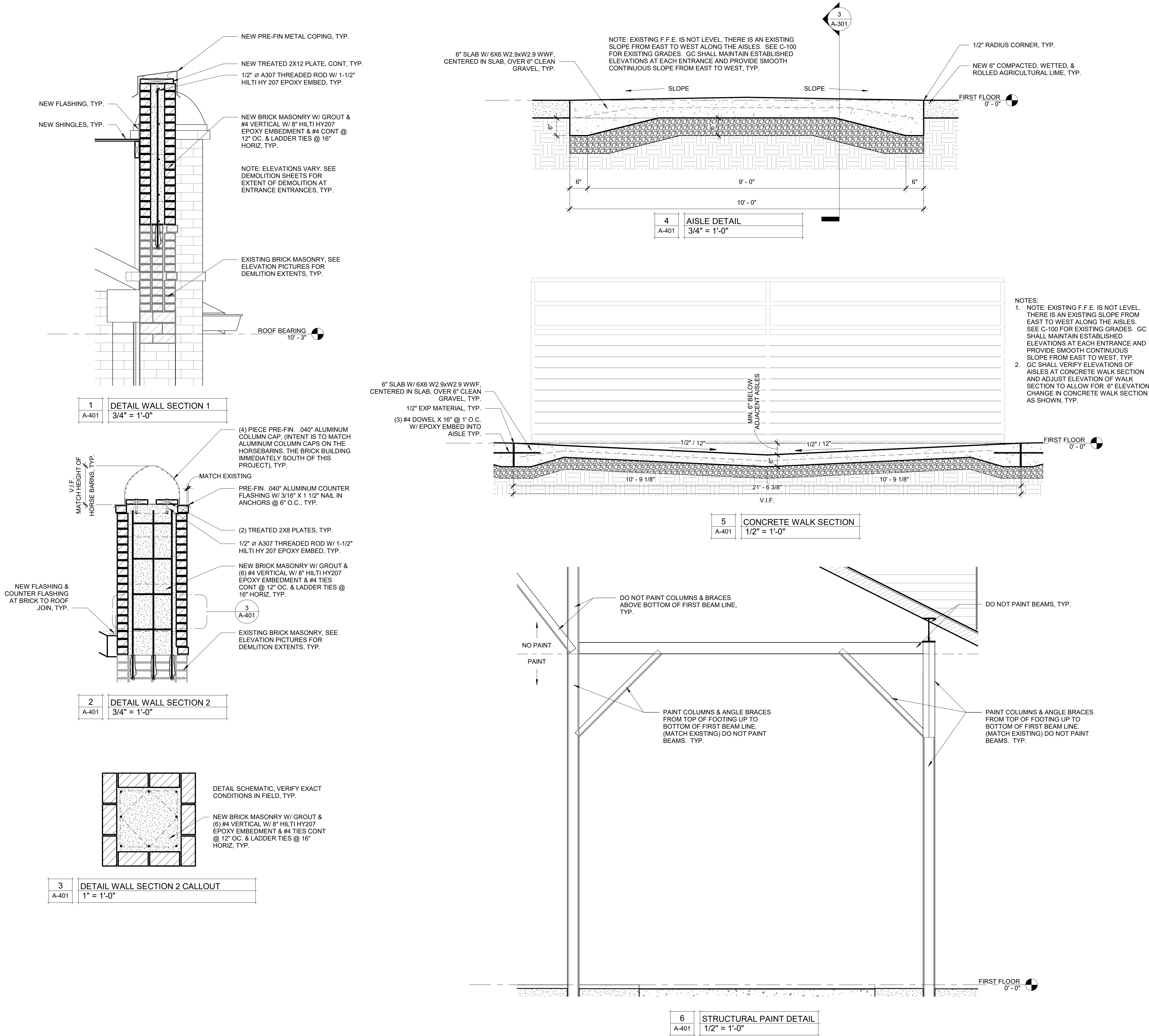
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BUILDING SECTIONS

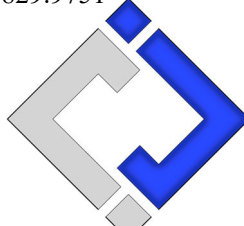
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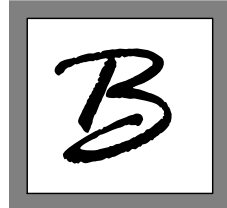
SHEET 14 OF 27



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DRAWN BY: AMK
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DESIGNED BY: AMK

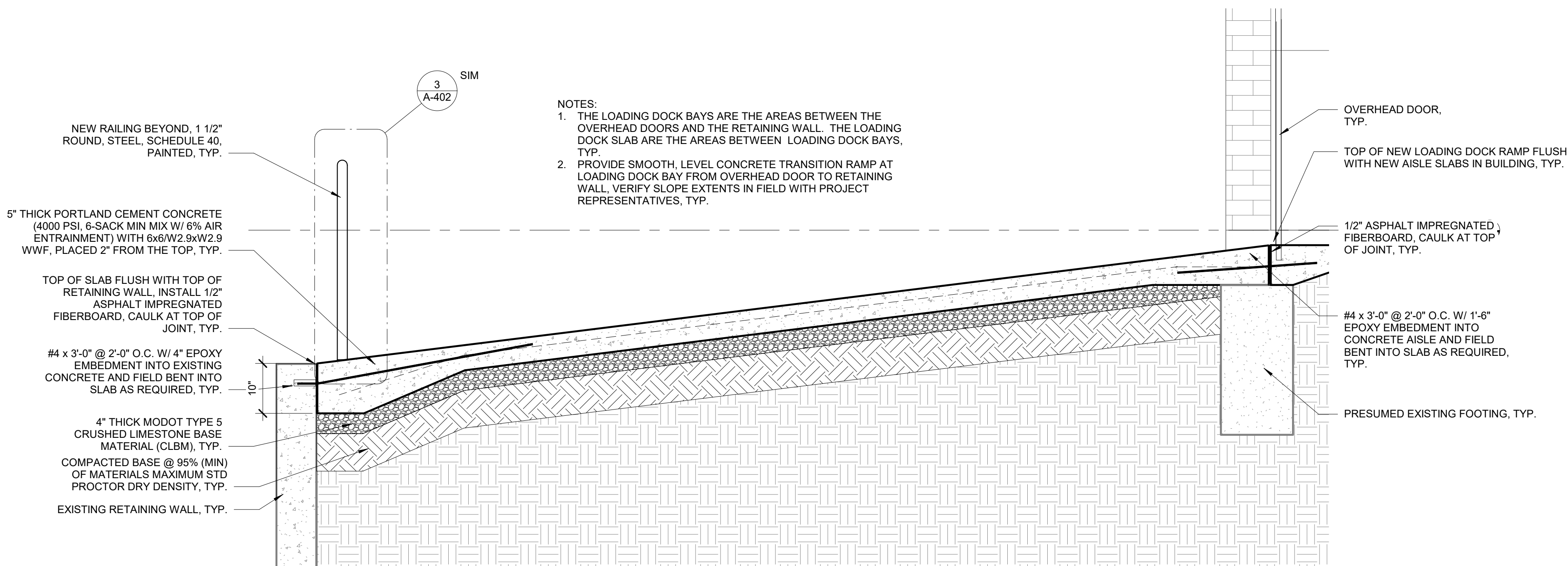
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SECTION DETAILS

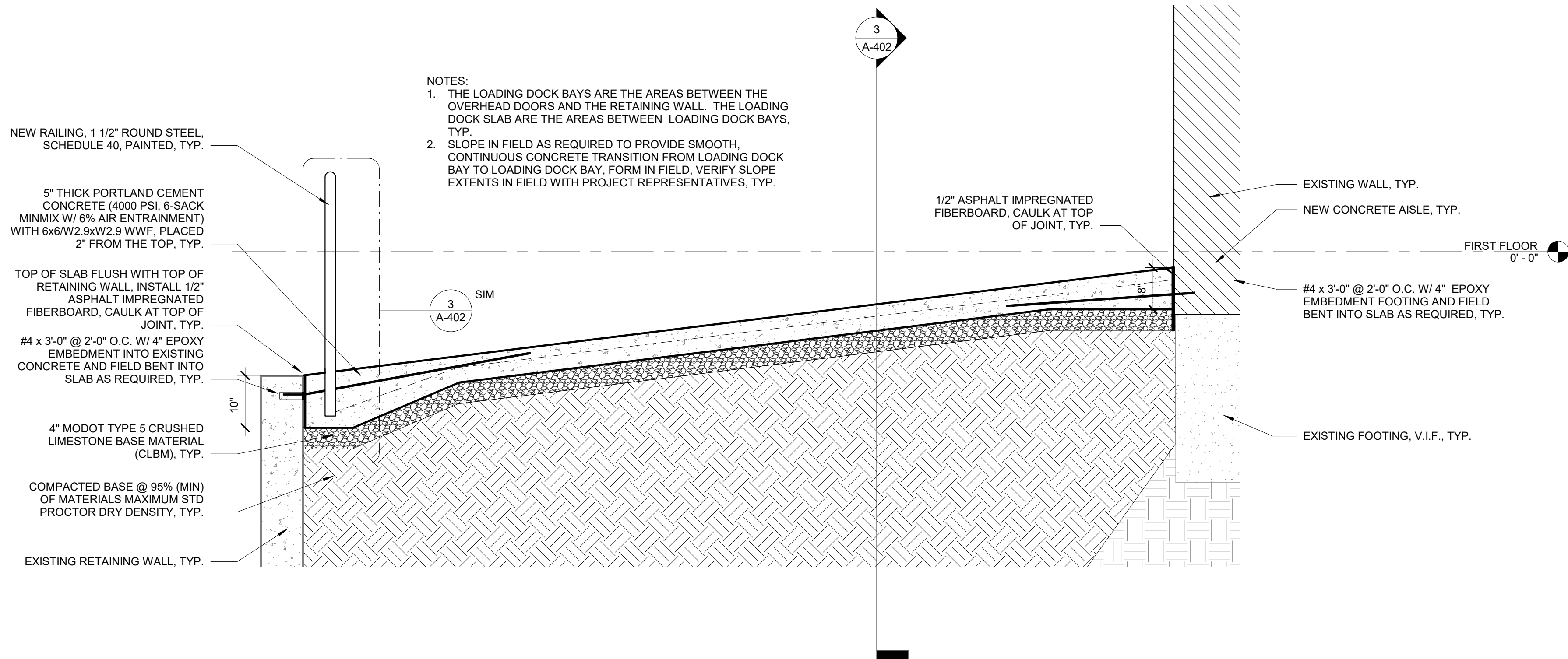
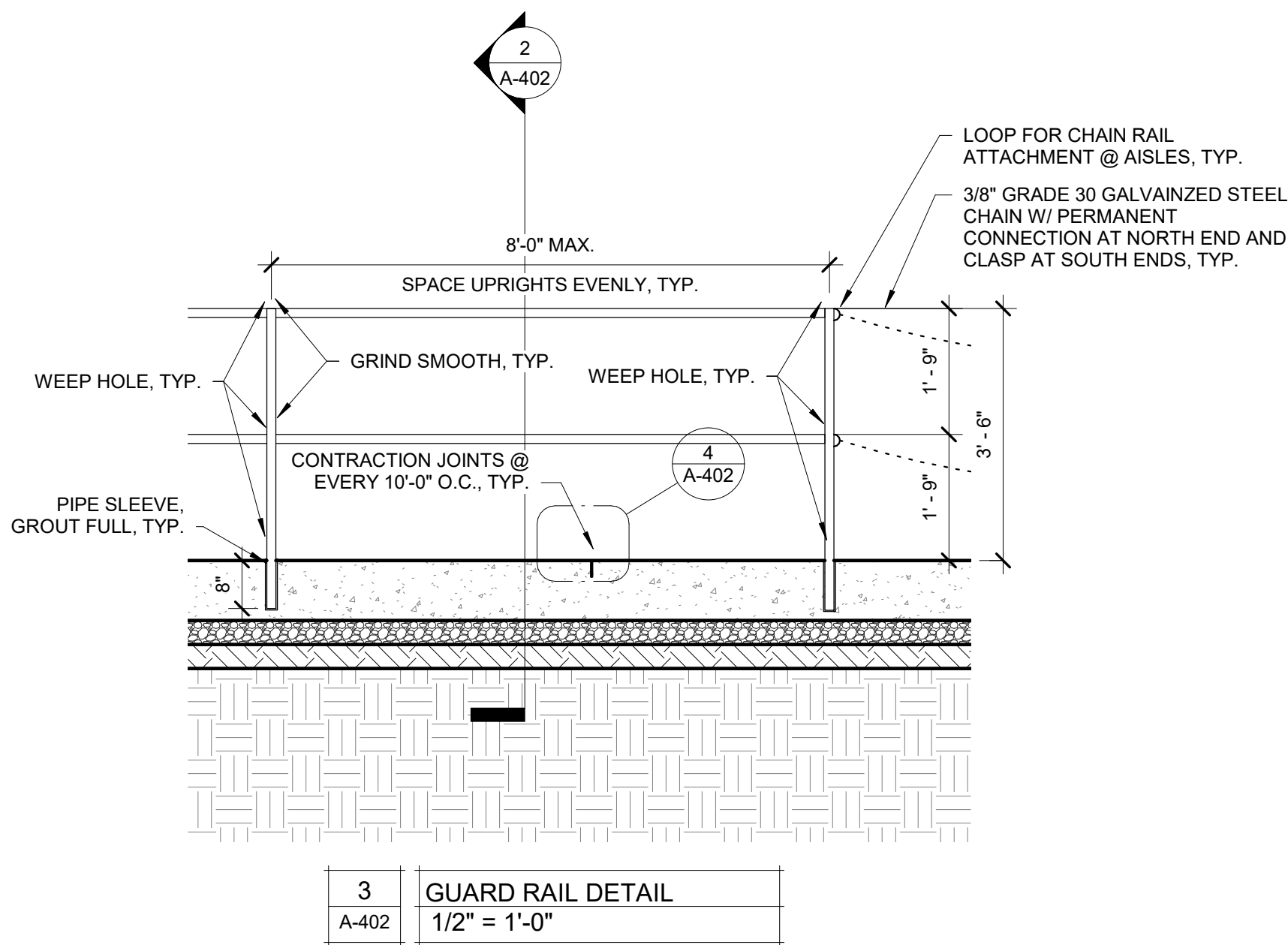
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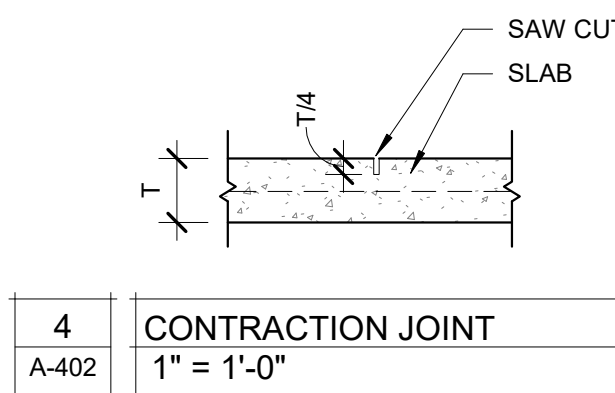
SHEET 15 OF 27



1	LOADING DOCK BAY DETAIL
A-402	3/4" = 1'-0"



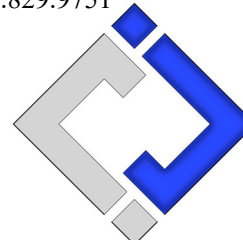
2	LOADING DOCK SLAB DETAIL
A-402	3/4" = 1'-0"



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CAD DWG FILE:
F2205-01-1501-3511501048-A-SC-16

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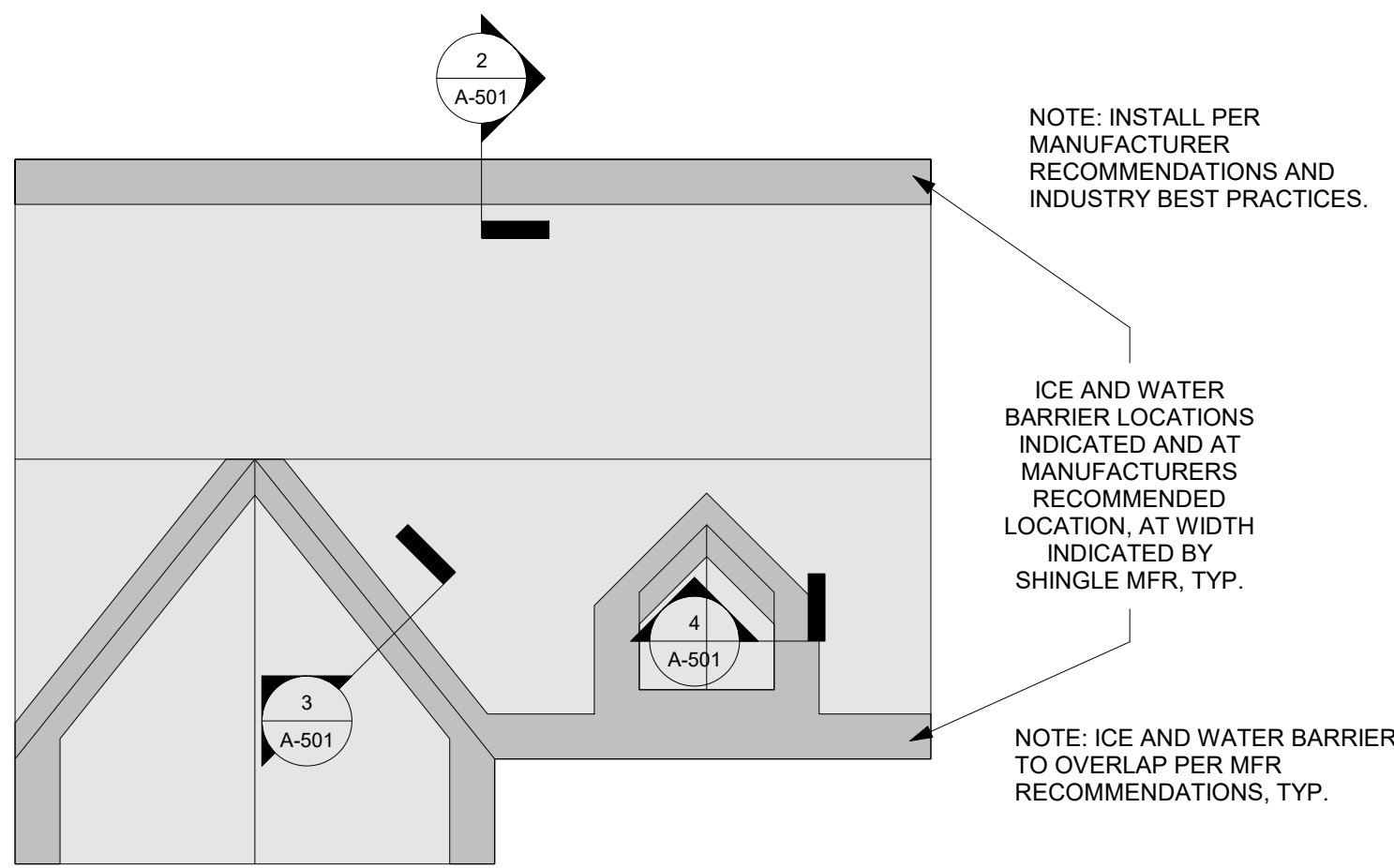
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SECTION DETAILS

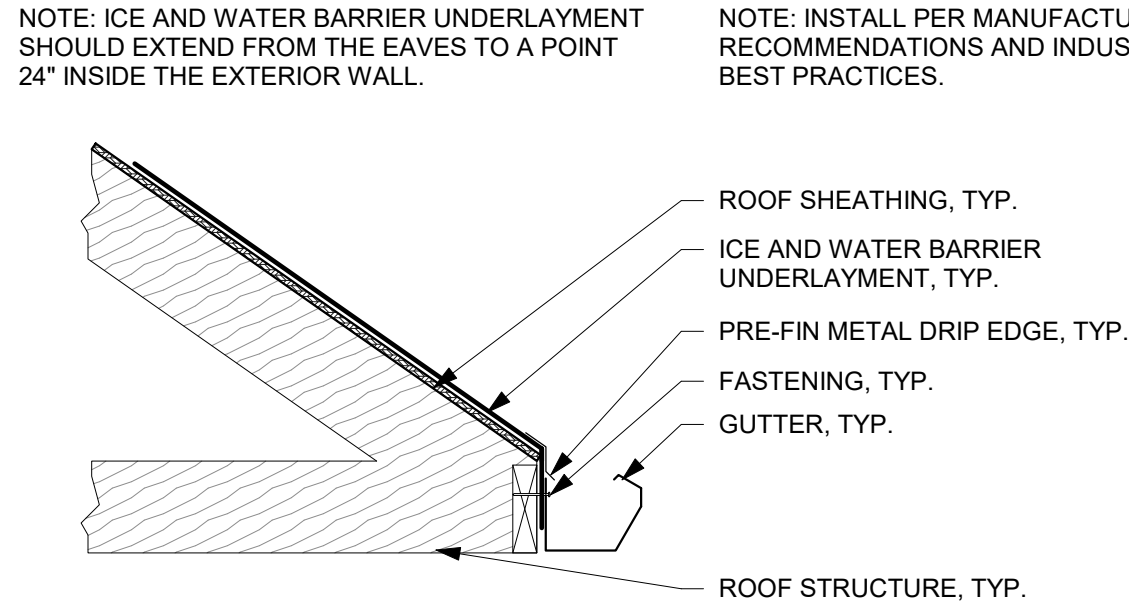
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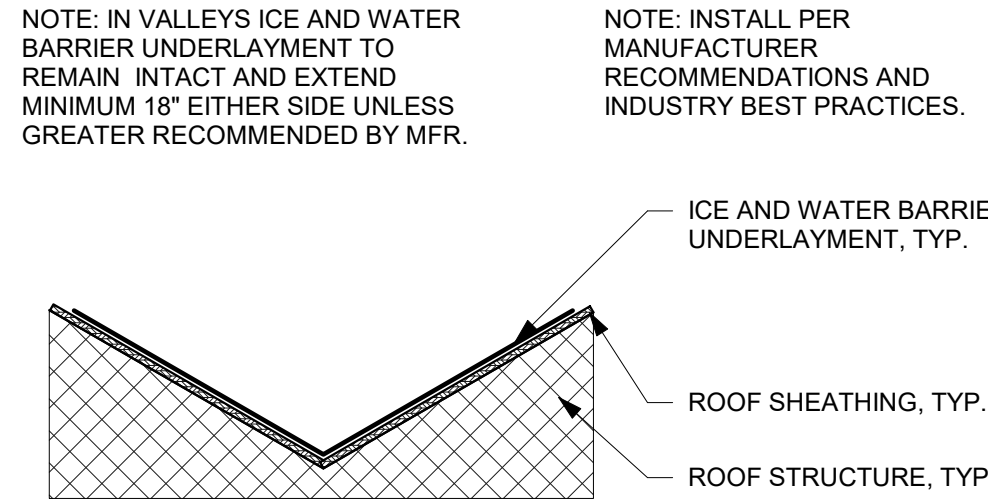
SHEET 16 OF 27



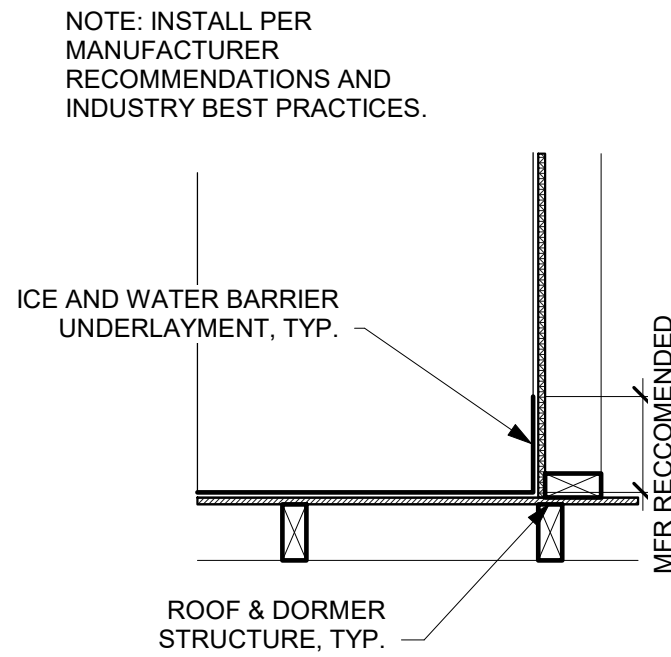
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A-501
TYPICAL ICE AND WATER BARRIER
NTS



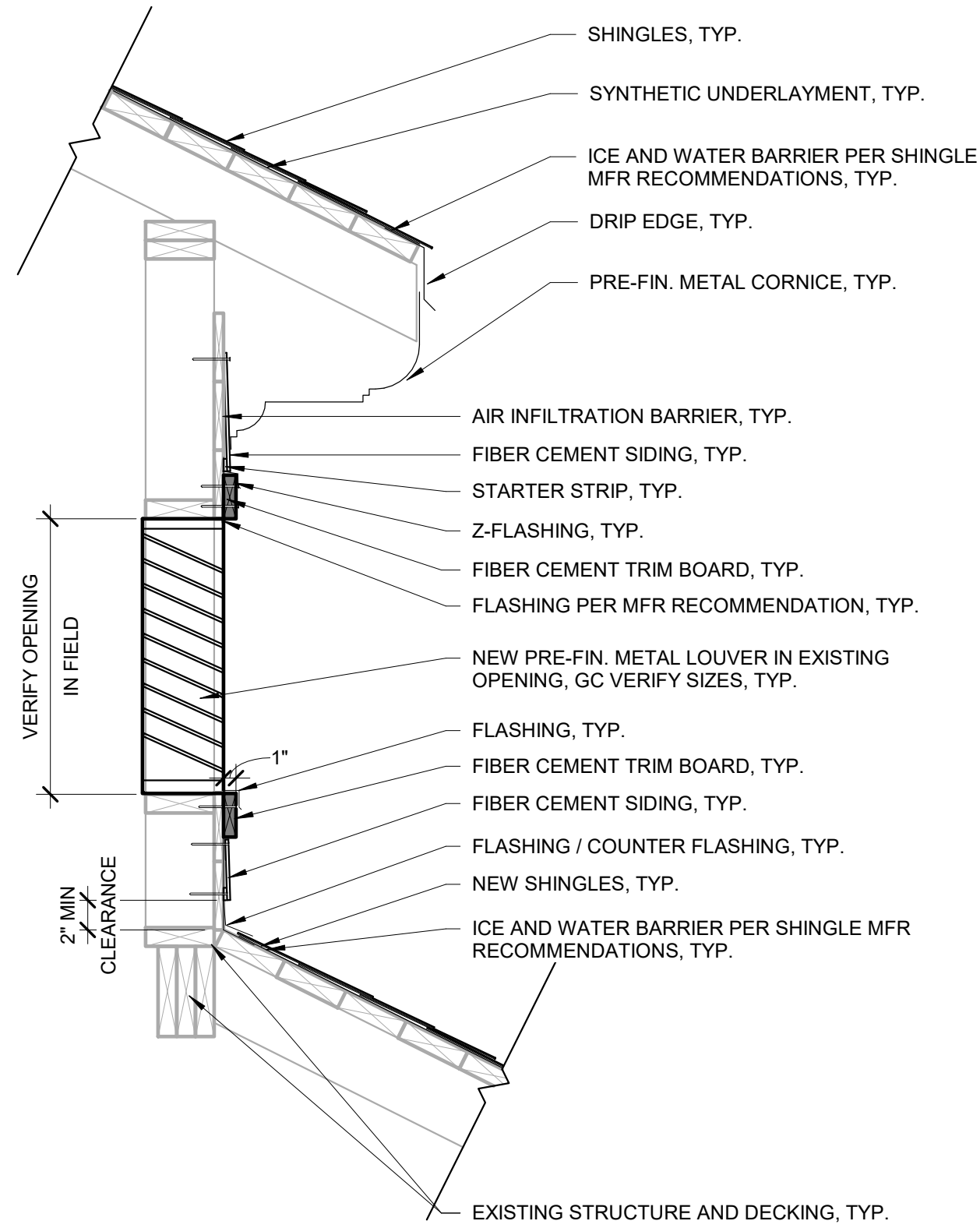
2
A-501
TYPICAL ICE AND WATER BARRIER EAVE
NTS



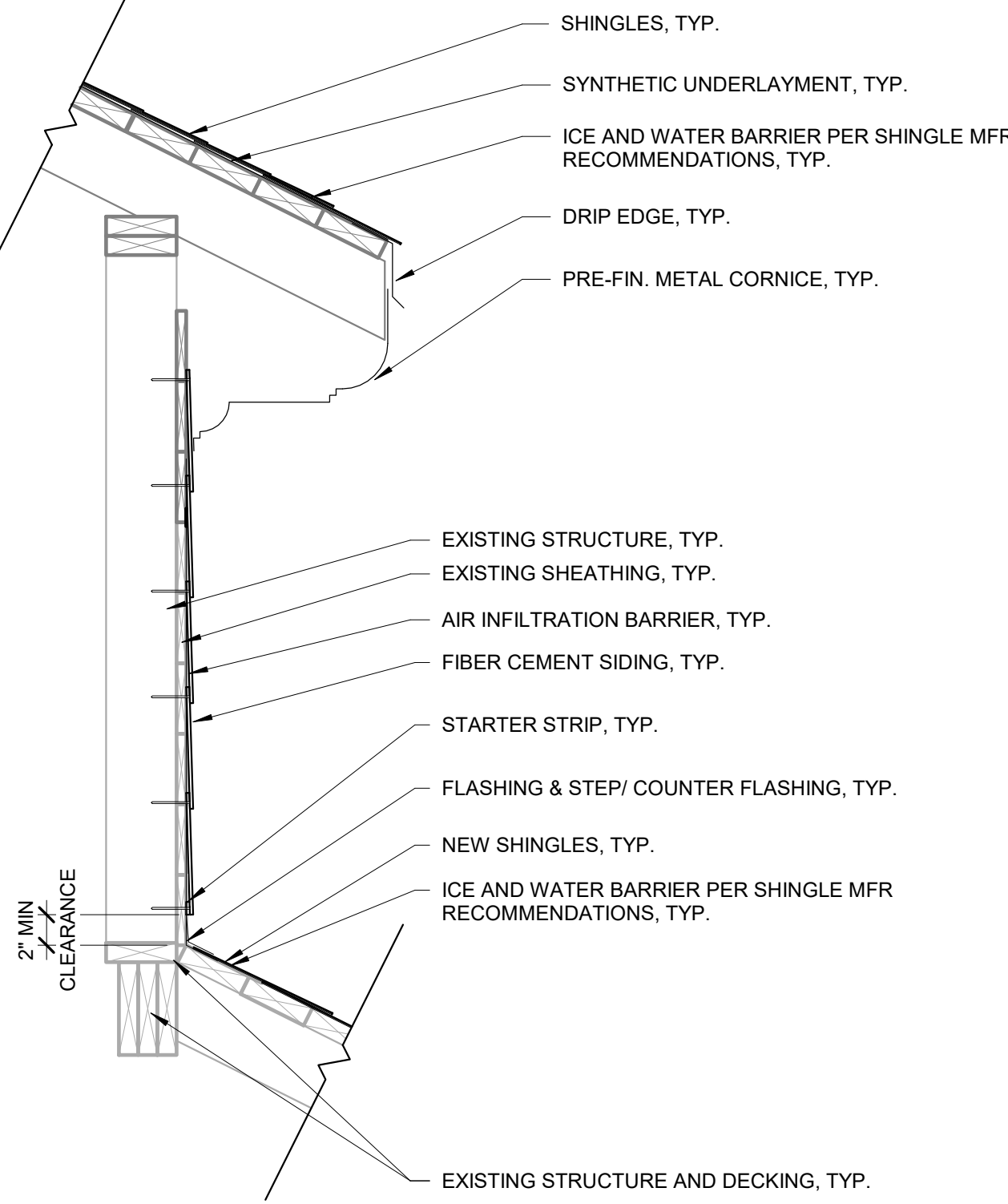
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A-501
TYPICAL ICE AND WATER BARRIER VALLEY
NTS



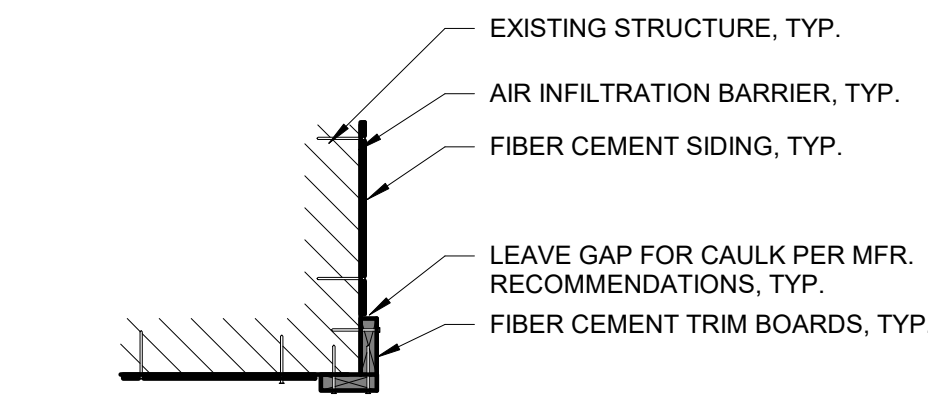
4
A-501
TYPICAL ICE AND WATER BARRIER DORMER
NTS



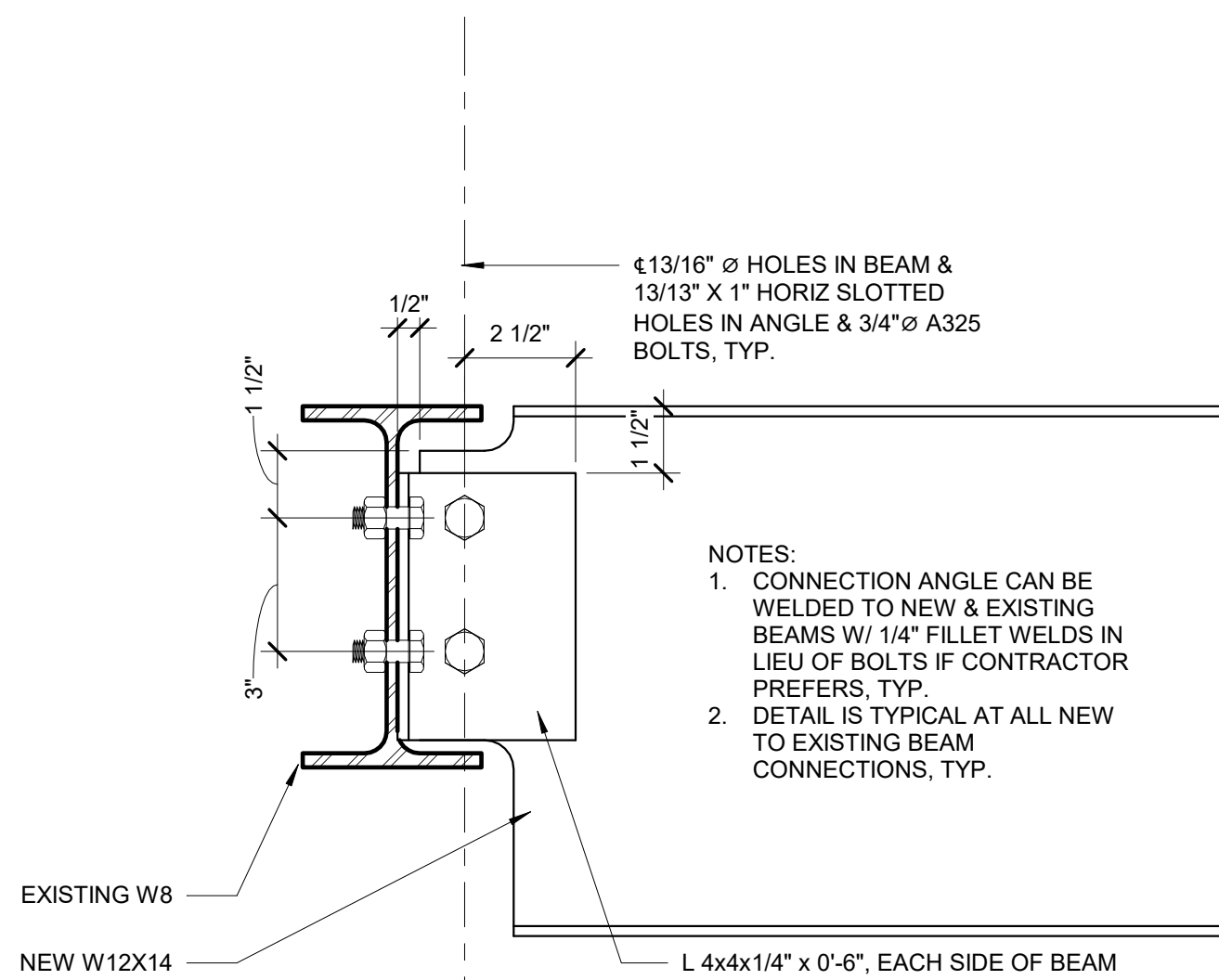
5
A-501
FIBER CEMENT WALL DETAIL
1" = 1'-0"



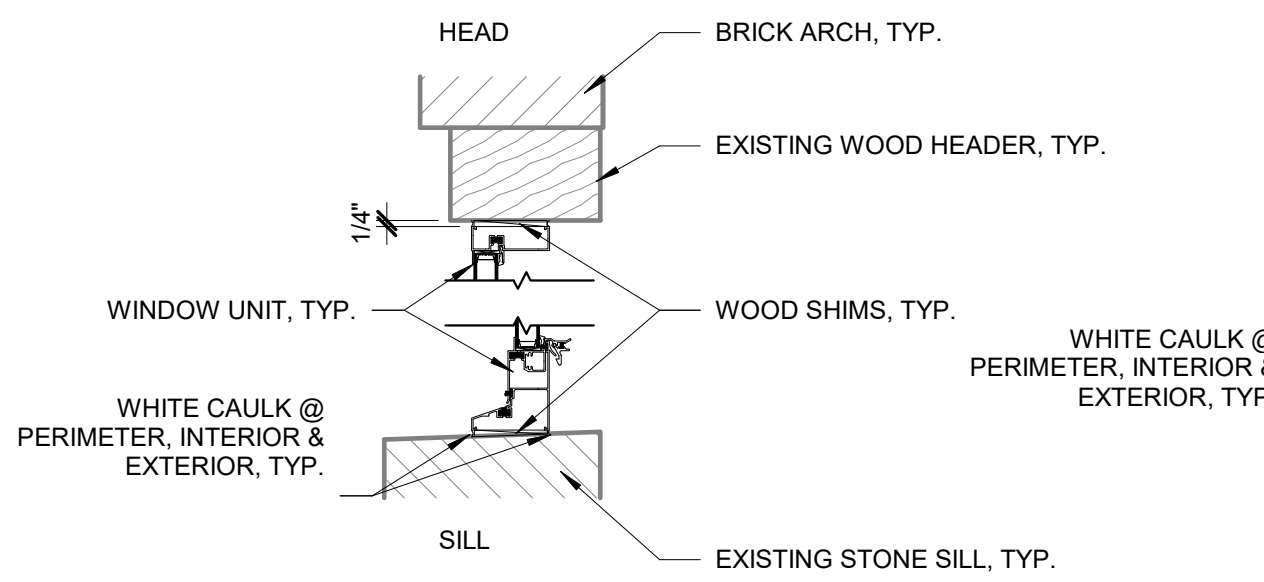
6
A-501
FIBER CEMENT ROOF JOIN
1" = 1'-0"



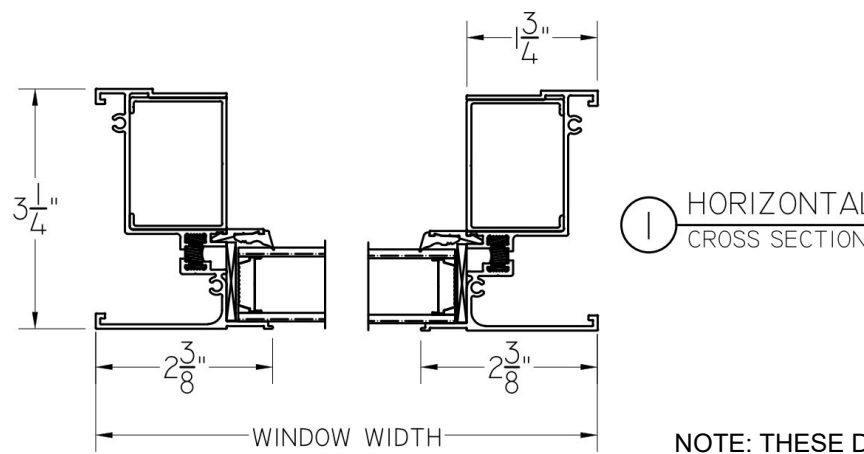
7
A-501
FIBER CEMENT CORNER DETAIL
1" = 1'-0"



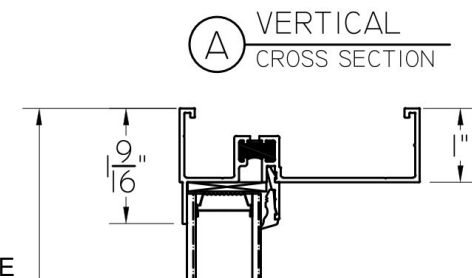
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A-501
TYP. BEAM CONNECTION DETAIL
3" = 1'-0"



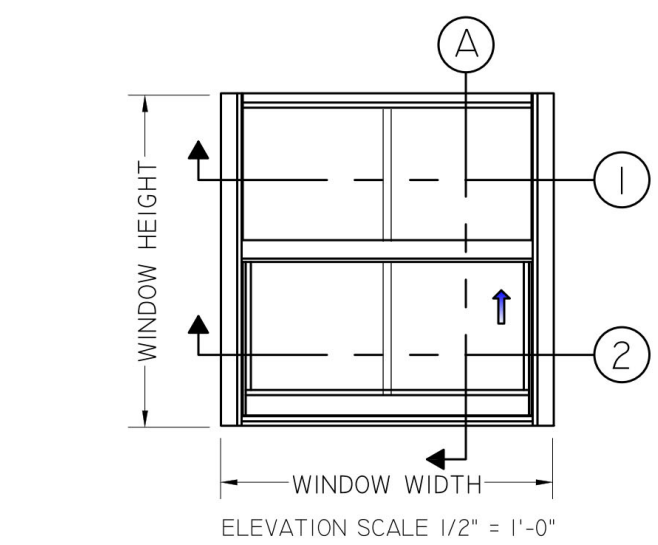
10
A-501
WINDOW MOUNTING DETAILS
1 1/2" = 1'-0"



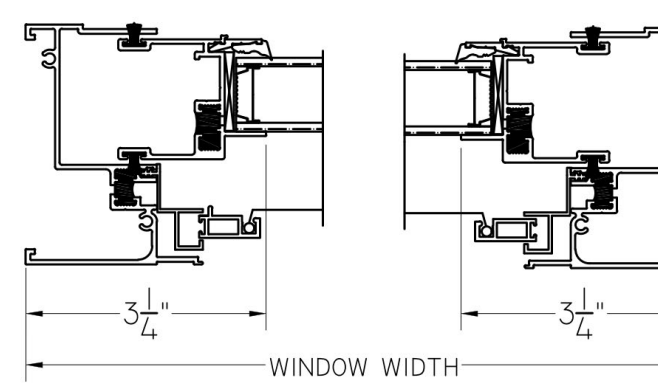
1 HORIZONTAL
CROSS SECTION



A VERTICAL
CROSS SECTION

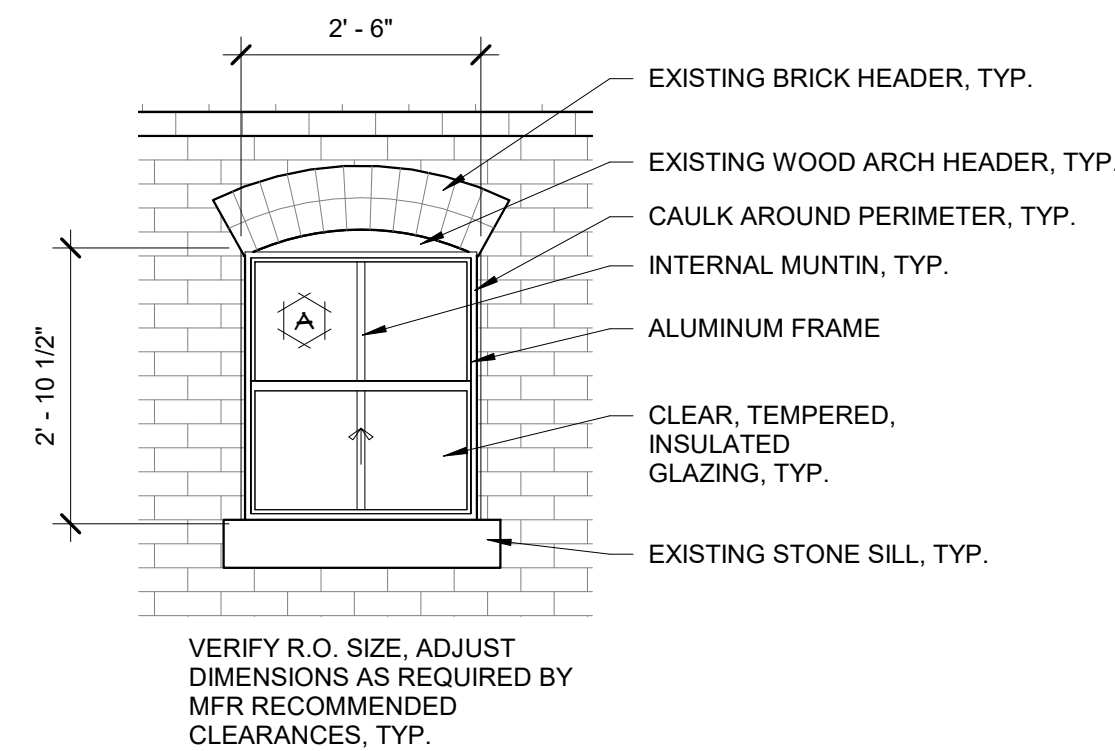


2 HORIZONTAL
CROSS SECTION



2 HORIZONTAL
CROSS SECTION

9
A-501
WINDOW DETAILS
NTS

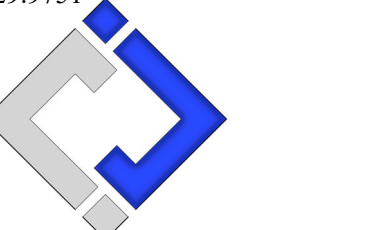


11
A-501
WINDOW "A"
1/2" = 1'-0"

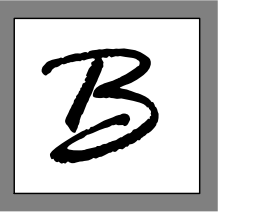
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MICHAEL L. PARSON,
GOVERNOR



Robert D. Rollings 2005001206, Certificate of Authority # A-2006003870
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SITE # 1501
ASSET # 3511501048

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DESIGNED BY: AMK

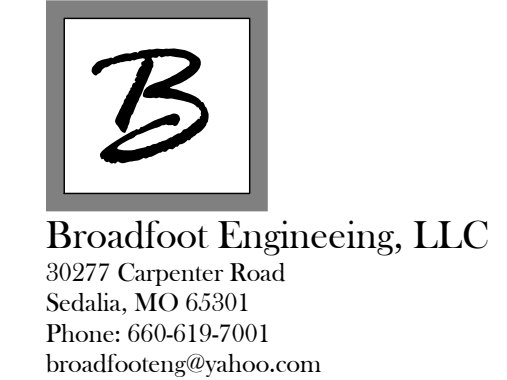
SHEET TITLE:

DETAILS

SHEET NUMBER:

A-501

SHEET 17 OF 27



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CAD DWG FILE:
F2205-01-1501-3511501048-A-DT-18

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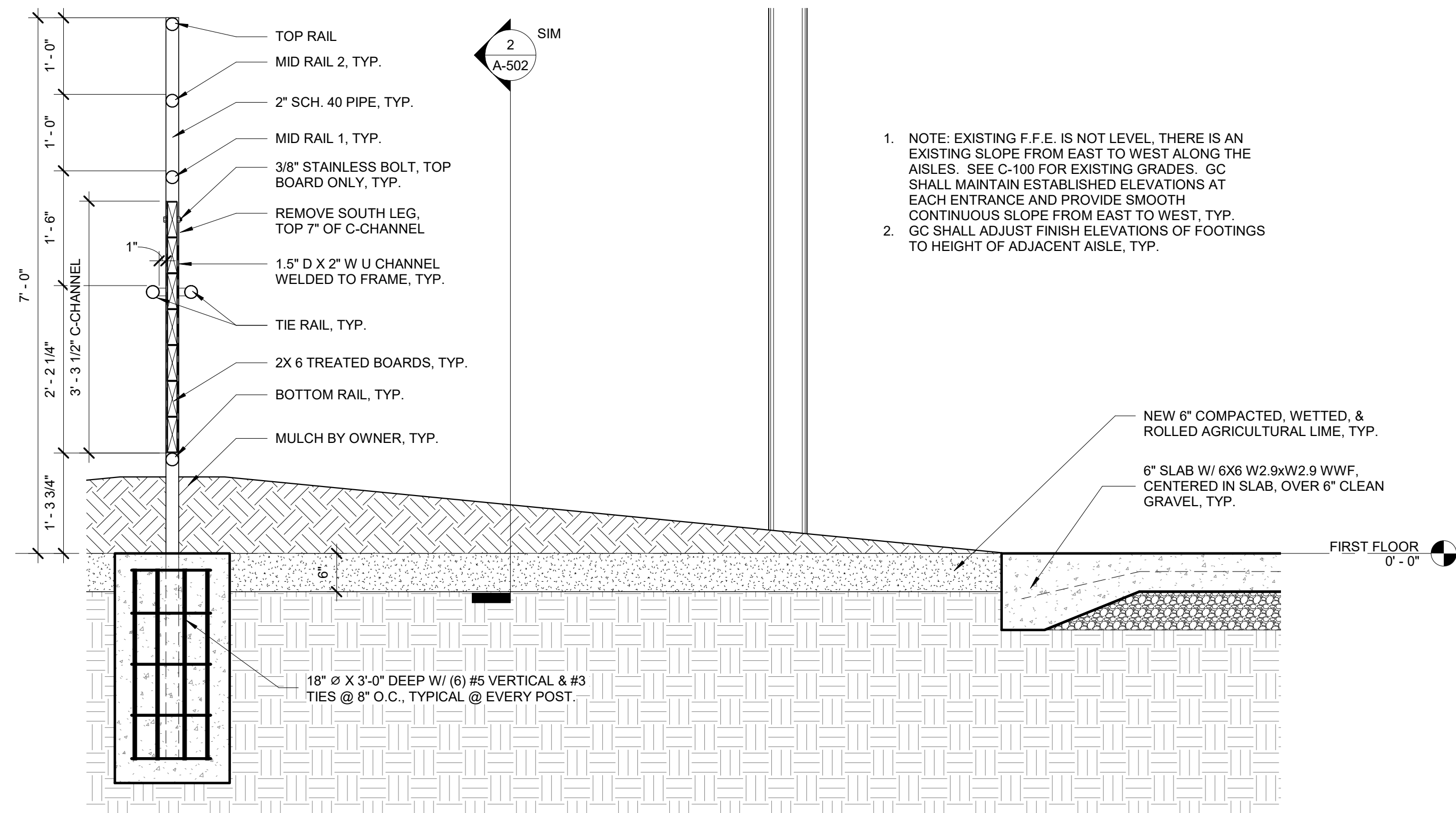
SHEET TITLE:

TIE RAIL DETAILS

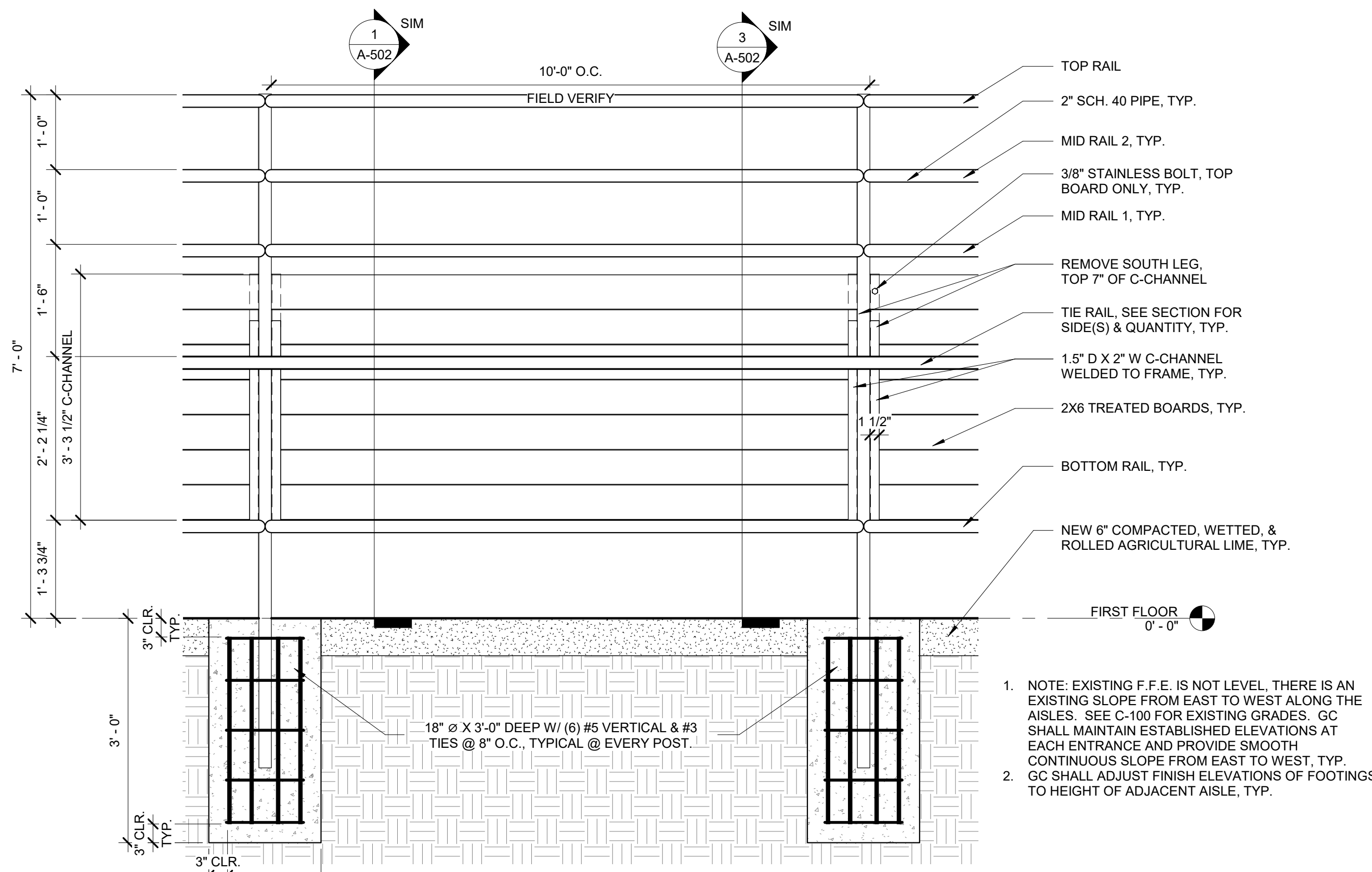
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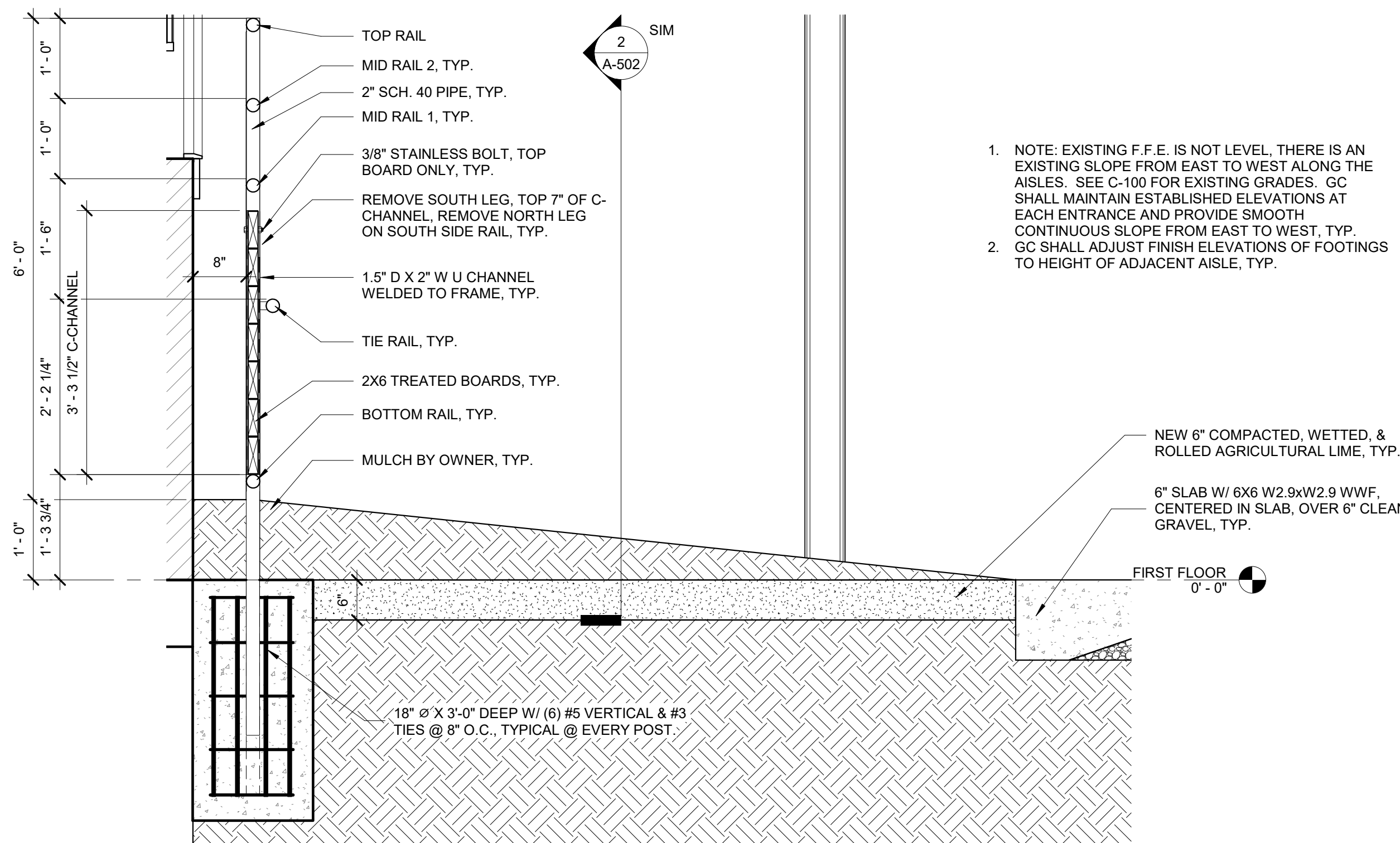
SHEET 18 OF 27



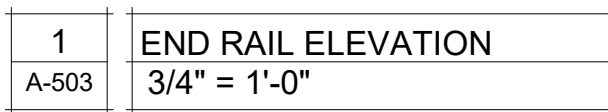
1
A-502
CENTER TIE RAIL SECTION
3/4" = 1'-0"



2
A-502
TIE RAIL ELEVATION
3/4" = 1'-0"

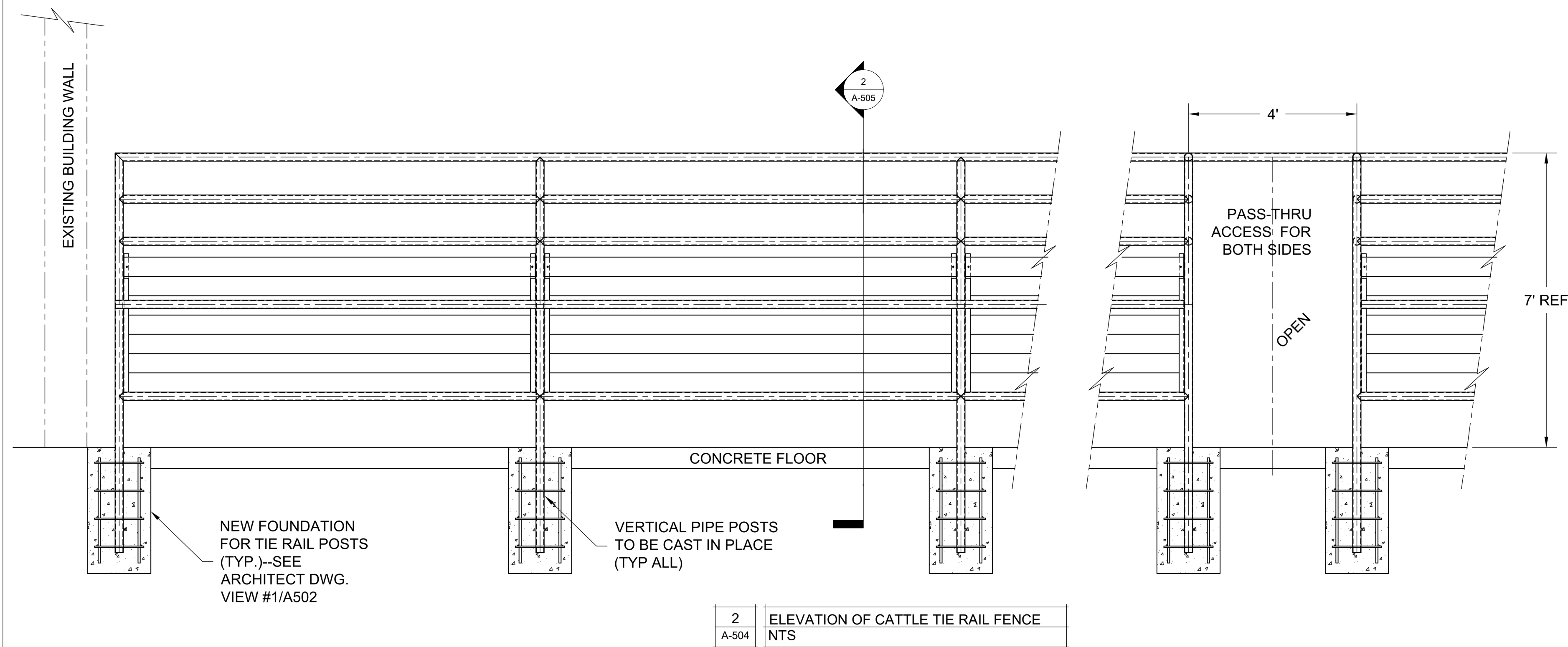
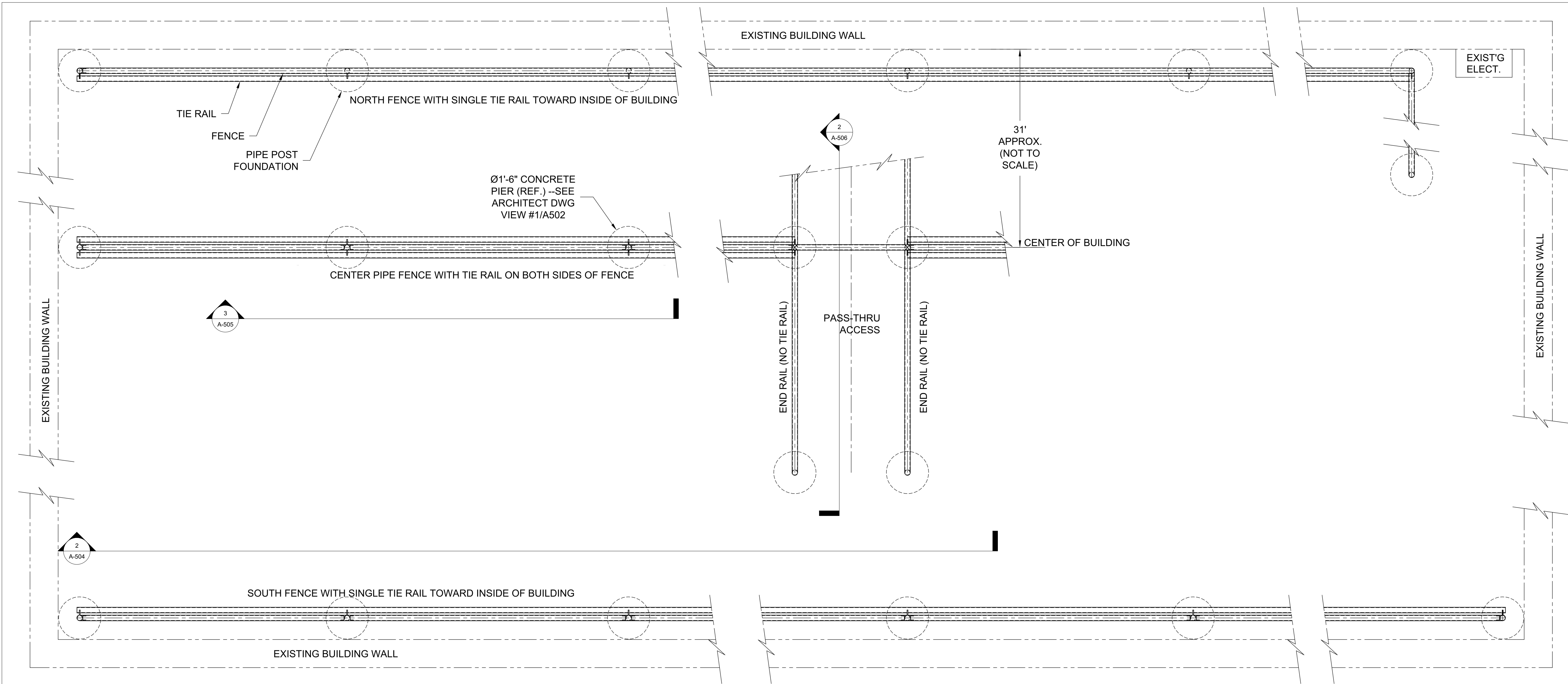


3
A-502
SIDE WALL TIE RAIL SECTION
3/4" = 1'-0"



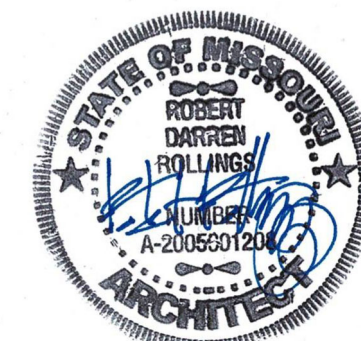
- | | |
|-------|------------------|
| 2 | END RAIL SECTION |
| A-503 | 3/4" = 1'-0" |

END RAIL SECTION
3/4" = 1'-0"

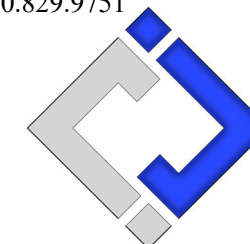


- NOTES:
1. DETAILS ARE TYPICAL AND ARE NOT REFERENCED AT EVERY LOCATION
 2. DETAILS ARE FROM BASIS OF DESIGN PRODUCT, CATTLE TIE RAILS, BY W&M WELDING, 202 INDUSTRIAL DR. SEDALIA, MO 65301, 660-826-3705. SEE SPECIFICATIONS FOR APPROVED ALTERNATE MANUFACTURERS OR SUBMIT ALTERNATES PER SPECIFICATION REQUIREMENTS.
 - 3.

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CAD DWG FILE:
F2205-01-1501-3511501048-A-DT-20

DRAWN BY: AMK
CHECKED BY: RDR
DESIGNED BY: AMK

SHEET TITLE:

**TIE & END RAIL
DETAILS**

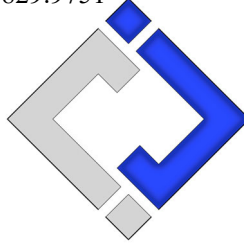
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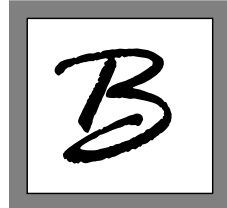
SHEET 20 OF 27



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ASSET # 3511501048

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DESIGNED BY: AMK

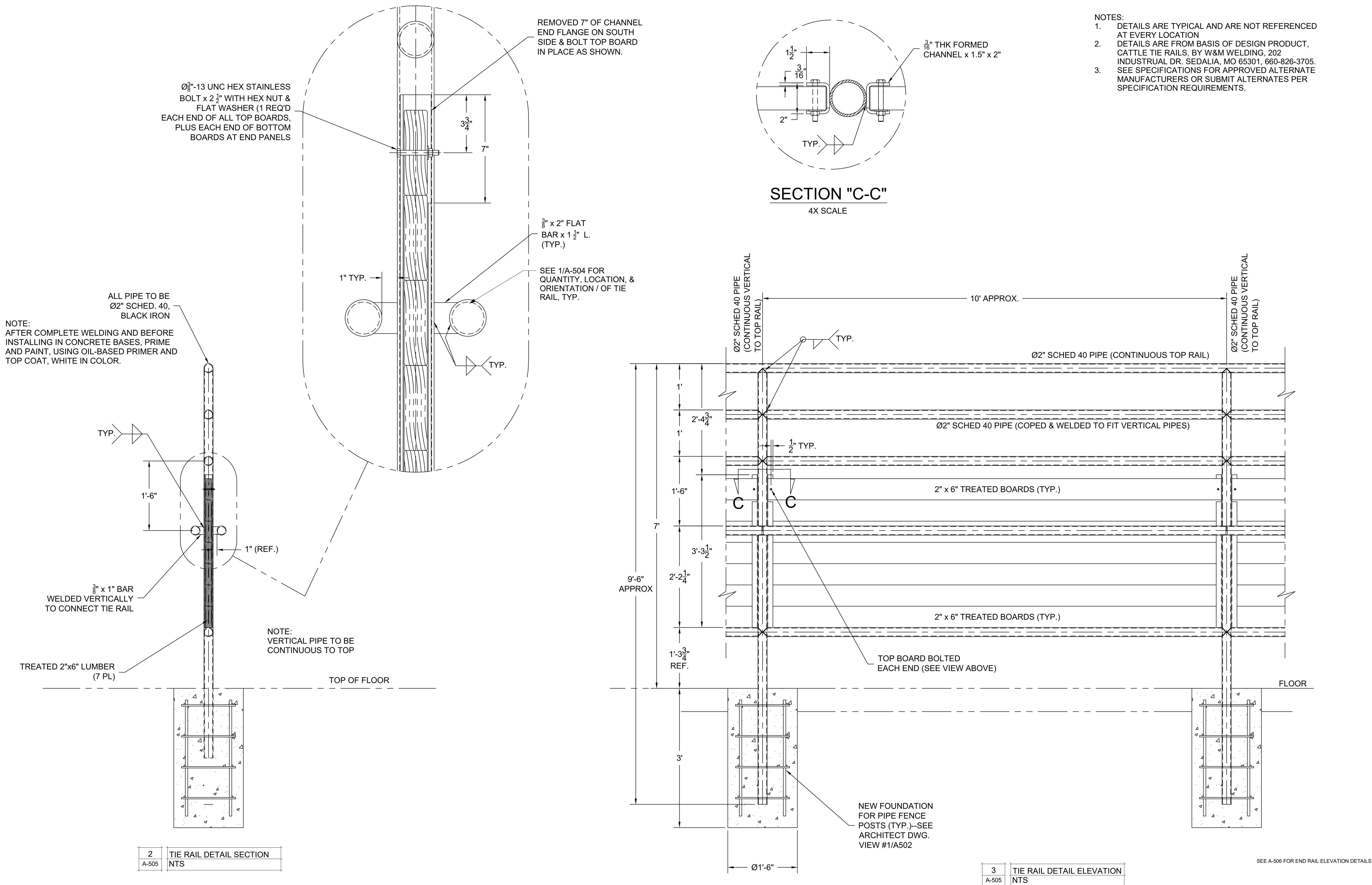
SHEET TITLE:



**TIE & END RAIL
DETAILS**

SHEET NUMBER:

A-505

SHEET 21 OF 27





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SHEET TITLE:

TIE & END RAIL DETAILS

SHEET NUMBER:

A-506

SHEET 22 OF 27



-

SEE OTHER TIE & END RAIL DETAIL
SHEETS FOR WELDING, PAINT, &
MATERIAL DESCRIPTIONS, TYP.



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2503 W. 16TH ST
SEDALIA, MO 65301
PROJECT # F2205-01
SITE # 1501
ASSET # 3511501048

REVISION: _____
DATE: _____

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DATE: _____

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DATE: _____

ISSUE DATE: 06/29/2022
BID DOCUMENTS

CAD DWG FILE:
F2205-01-1501-3511501048-A-RC-23

DRAWN BY: AMK
CHECKED BY: RDR
DESIGNED BY: AMK

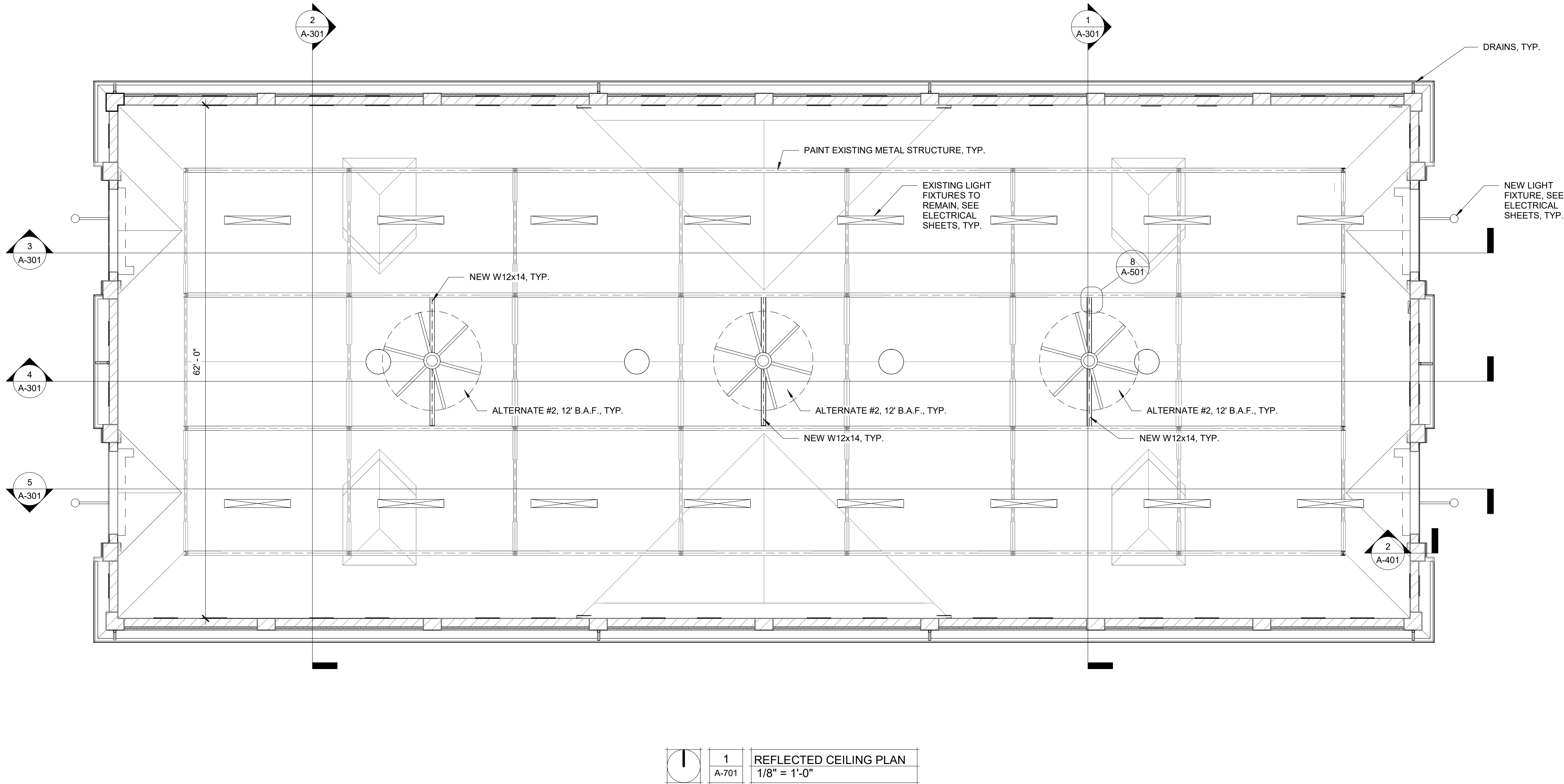
SHEET TITLE:

REFLECTED CEILING
PLAN

SHEET NUMBER:

A-701

SHEET 23 OF 27



GENERAL NOTES

1. REFER TO SHEET E501 FOR ADDITIONAL POWER DETAILS, SCHEDULES, ETC.
2. ELECTRICAL CONTRACTOR TO REMOVE/UNINSTALL ANY/ALL PORTIONS OF UNUSED CONDUIT/CONDUCTORS ON MAIN LEVEL BACK TO ELECTRICAL PANEL. REMOVE/UNINSTALL ANY/ALL PORTIONS OF UNUSED CONDUIT/CONDUCTORS. FIELD VERIFY EXACT QUANTITIES & LOCATIONS.
3. ALL EXPOSED CONDUIT, FASTENERS, AND BOXES SHALL BE PAINTED.
4. EXISTING SOUND SYSTEM SPEAKERS AND ASSOCIATED WIRING TO REMAIN. IF REMOVAL & RELOCATION IS REQUIRED DUE TO ANY PORTION OF THE RENOVATION, GC SHALL REMOVE SPEAKERS & STORE IN A LOCATION ON SITE DETERMINED BY MISSOURI STATE FAIRGROUNDS. DISCONNECTED WIRES FROM SPEAKERS SHALL BE COILED TO A LOCATION THAT WILL NOT BE DISRUPTED BY CONSTRUCTION & COORDINATED WITH THE MISSOURI STATE FAIRGROUNDS. MISSOURI STATE FAIRGROUNDS WILL REINSTALL SPEAKERS & WIRE UPON COMPLETION OF THE PROJECT / WORK IN THE AREA.
5. ALL RECEPTACLES SHALL BE GFCI PROTECTED BY GFCI CIRCUIT BREAKERS.

REFERENCED CODES IN EFFECT

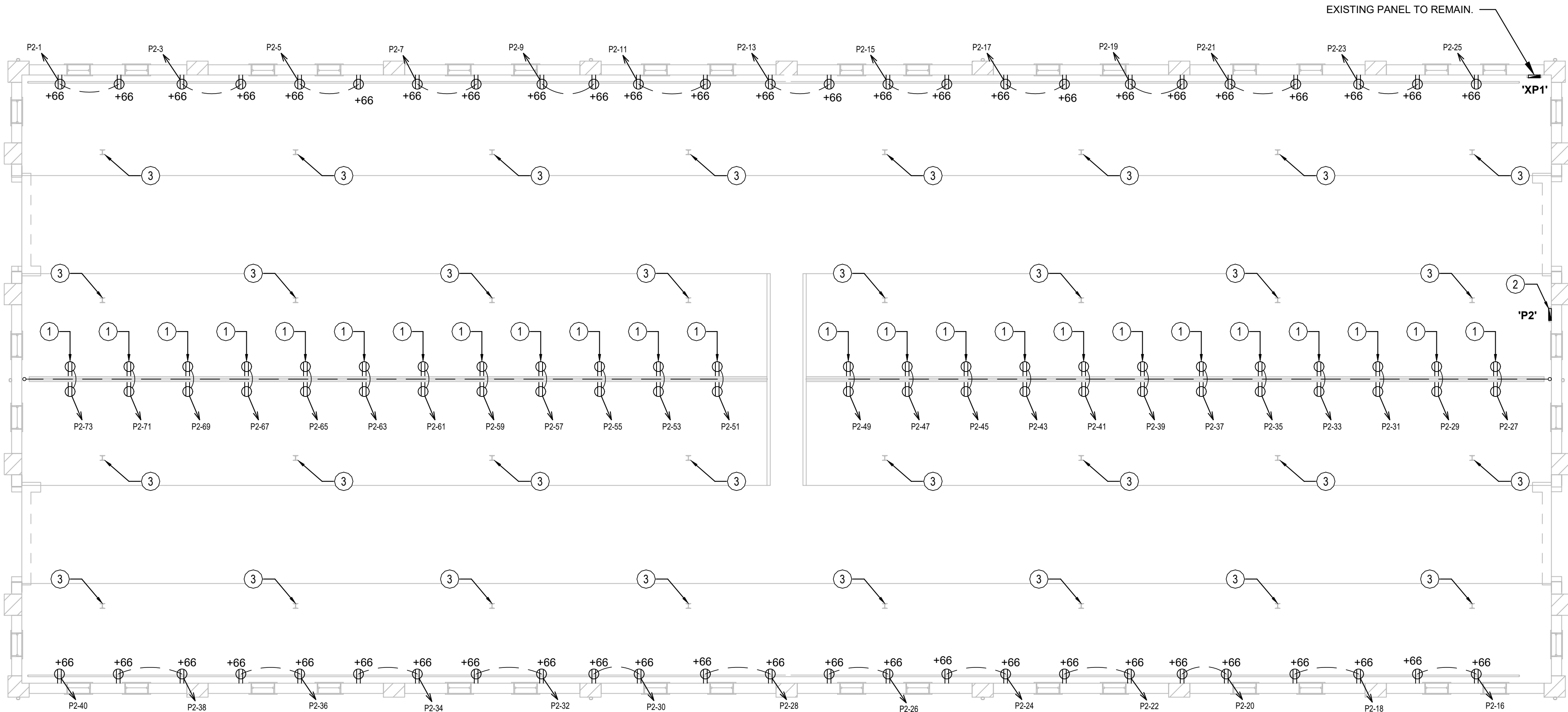
- 2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL FIRE CODE
2017 NATIONAL ELECTRIC CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE

KEY NOTES

- ① → BACK TO BACK DUPLEX RECEPTACLE AND CONDUIT SHALL BE MOUNTED ON TOP RAIL OF RAILING STRUCTURE. SEE DETAIL FOR MORE INFORMATION.
- ② → REPLACE EXISTING 200A PANEL WITH NEW 120/240V, 1-PHASE, 400A, MCB, NEMA 3R, 84 CIRCUIT PANEL WITH GROUND BAR.
- ③ → EXISTING QUAD ON COLUMN SHALL REMAIN (FED FROM PANEL 'XP1').

ELECTRICAL SYMBOL LEGEND

- CIRCUIT WIRING
→ PX-XX CIRCUIT TAG
XX @ +42 GFCI DUPLEX CONVENIENCE RECEPTACLE
INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
"WP" = WEATHERPROOF OUTDOOR RECEPTACLE
"AW" = ABOVE WINDOW RECEPTACLE
"AC" = ABOVE CEILING RECEPTACLE
"EX" = EXISTING RECEPTACLE TO REMAIN



1
E-101

POWER PLAN

SCALE: 1/8" = 1'-0"

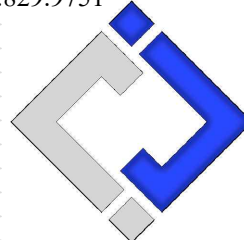
STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



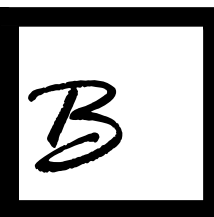
KEATON E. LEISINGER, PE - 2021035875
MO CERTIFICATE OF AUTHORITY #2018029688 June 29, 2022



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BID DOCUMENTS

CAD DWG FILE:
F2205-01-1501-3511501048-E-FP-24.dwg
DRAWN BY: KEL
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

POWER PLAN

SHEET NUMBER:

E-101

SHEET 24 OF 27

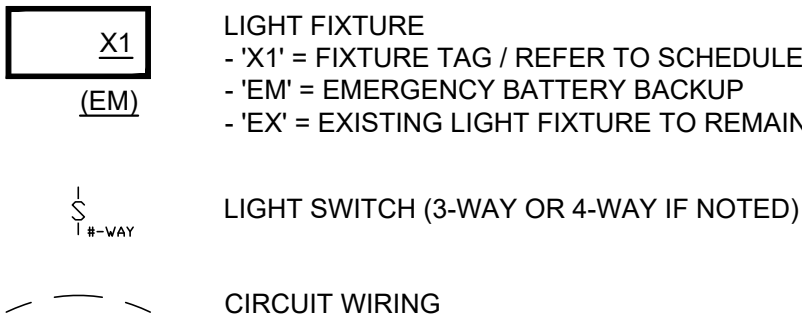
GENERAL NOTES

1. REFER TO SHEET E501 FOR ADDITIONAL LIGHTING DETAILS, SCHEDULES, ETC.
2. ALL LIGHTING FIXTURES LABELED 'EX' SHALL BE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

KEY NOTES

- ① → CEILING FAN CONTROLLER LOCATION. BASE BID: PROVIDE (1) ½" CONDUIT WITH PULL STRING FROM FANS TO CONTROLLER LOCATION. ALTERNATE BID #2: PROVIDE (1) CAT 5 CABLE FROM FANS TO CONTROLLER AND PROTECTIVE COVER FOR FAN CONTROLLER. VERIFY CONTROL WIRE WITH CEILING FAN MANUFACTURER.
② → BASE BID: PROVIDE POWER FOR CEILING FAN. ALTERNATE BID #2: PROVIDE AND INSTALL CEILING FAN.
③ → EXTERIOR LIGHT FIXTURES SHALL BE CONTROLLED BY PHOTOCELL MOUNTED ON EXTERIOR OF BUILDING.

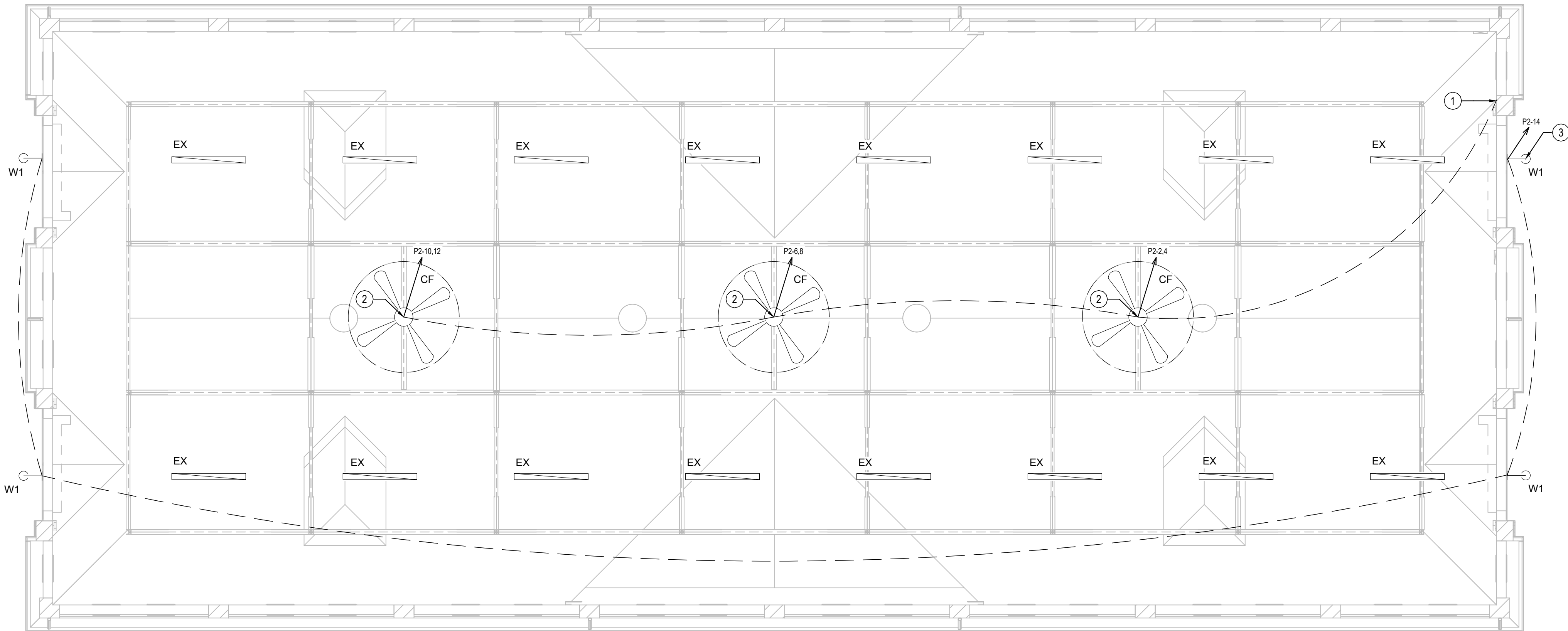
LIGHTING PLAN SYMBOL LEGEND



LIGHT FIXTURE SCHEDULE

TAG	MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	DESCRIPTION	MOUNTING	LUMEN OUTPUT	CCT (°K)	CRI	VOLTS	WATTS	NOTES
CF	BAF	PFX4-12	12" CEILING FAN	BEAM MOUNT	-	-	-	240 / 1	2880	1,2,4
W1	HALO	AL3150	WALL LIGHT	WALL MOUNT @ 12" AFF	3500	5000	70	120	34	1,3

- NOTES:
1. VERIFY LIGHT FIXTURE FINISHES WITH OWNER / ARCHITECT PRIOR TO INSTALLATION
 2. ALTERNATE BID #2
 3. MOUNT LIGHT FIXTURE WITH CONDUIT IN ORDER TO EXTEND LIGHT FIXTURE AWAY FROM FACE OF THE BUILDING BY 2 FT.
 4. SEE SPECIFICATIONS FOR ALTERNATE PRE-APPROVED PRODUCTS.



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E-102

LIGHTING PLAN

SCALE: 1/8" = 1'-0"

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

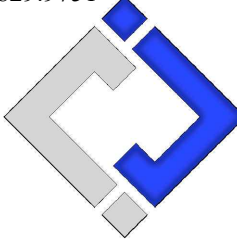


KEATON E. LEISINGER, PE - 2021035875
MO CERTIFICATE OF AUTHORITY #2018029688 June 29, 2022



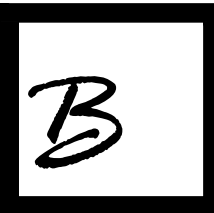
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CAD DWG FILE:
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DRAWN BY: KEL

CHECKED BY: JAP

DESIGNED BY: KEL

SHEET TITLE:

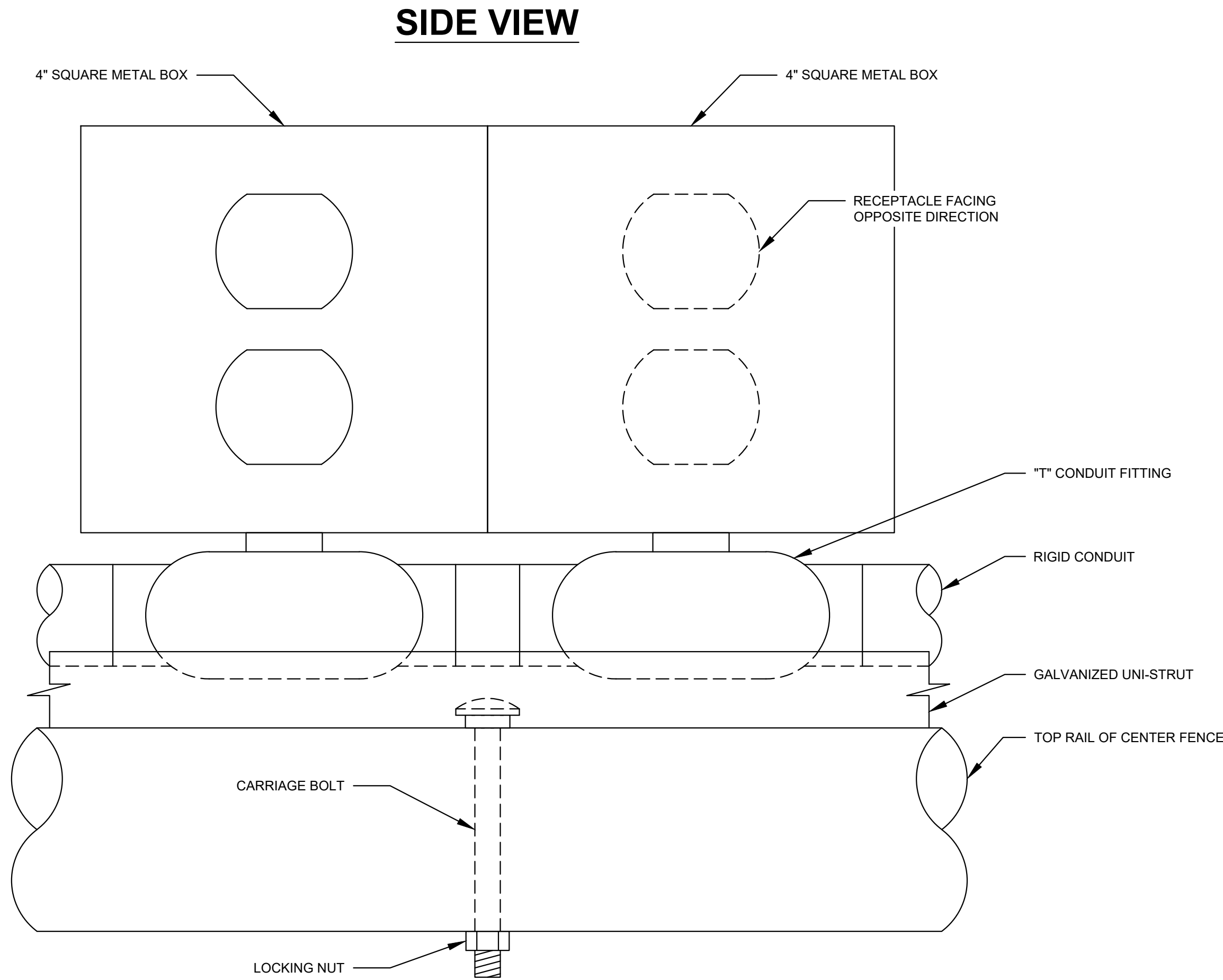
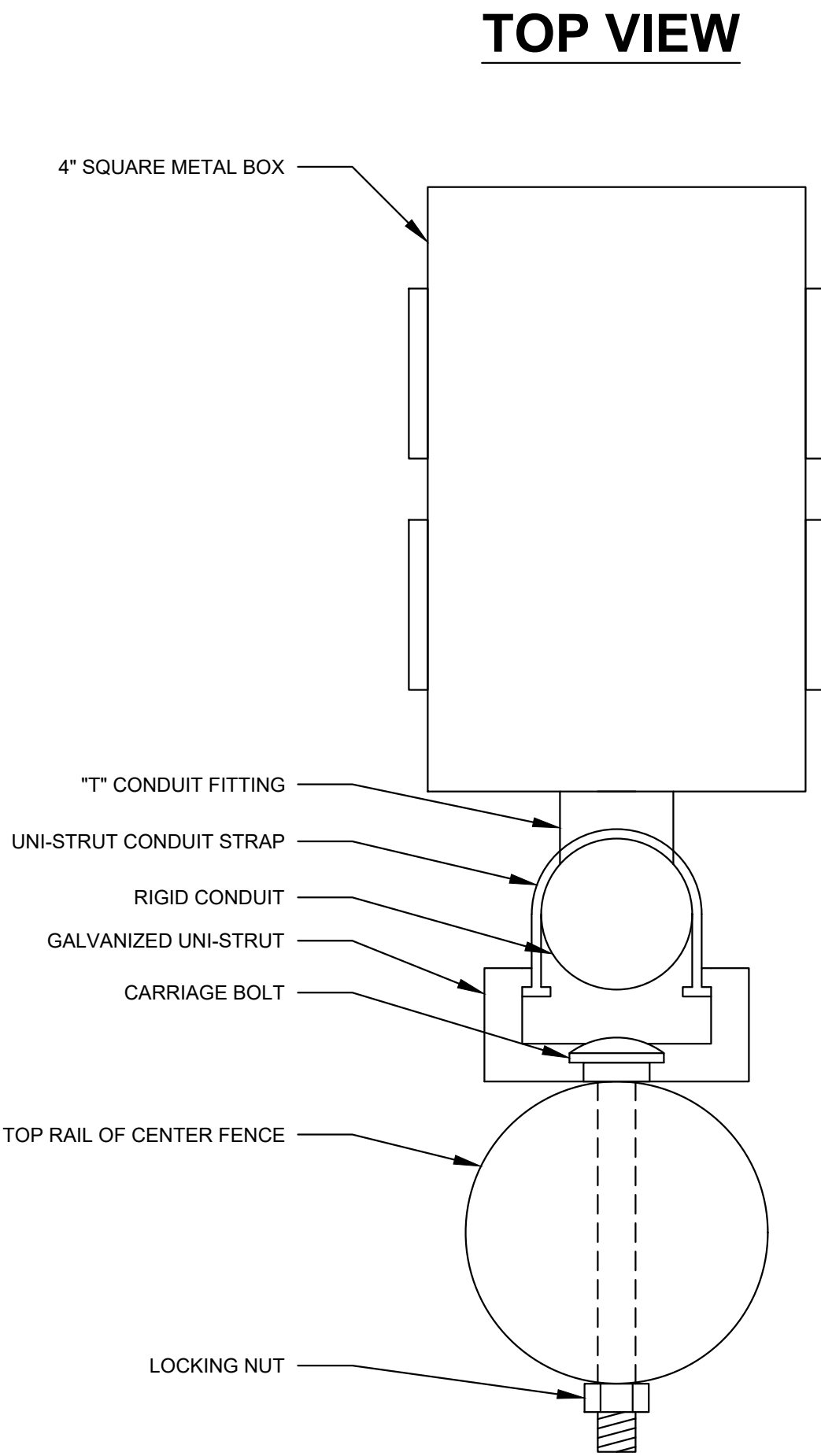
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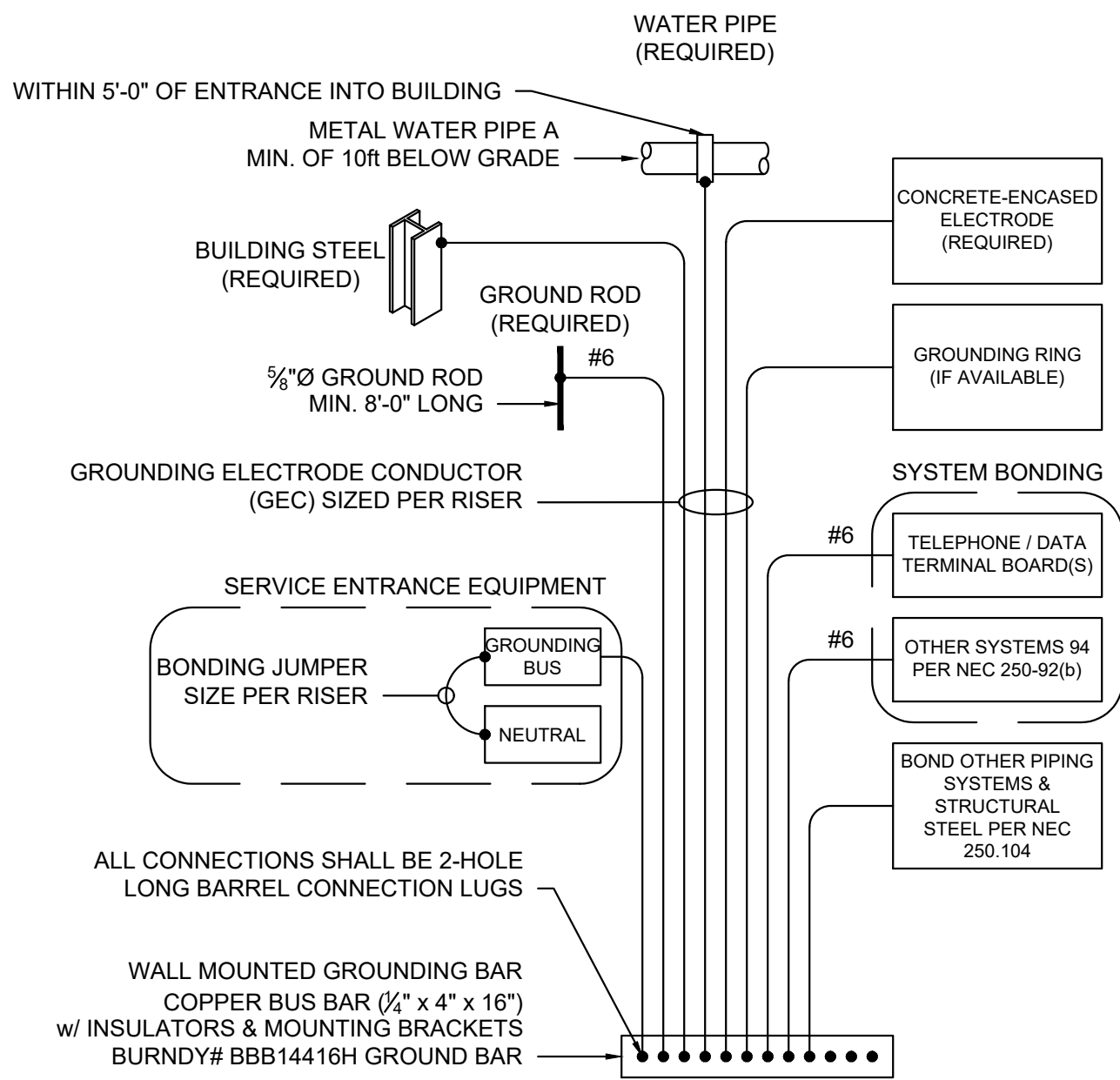
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SHEET 25OF 27

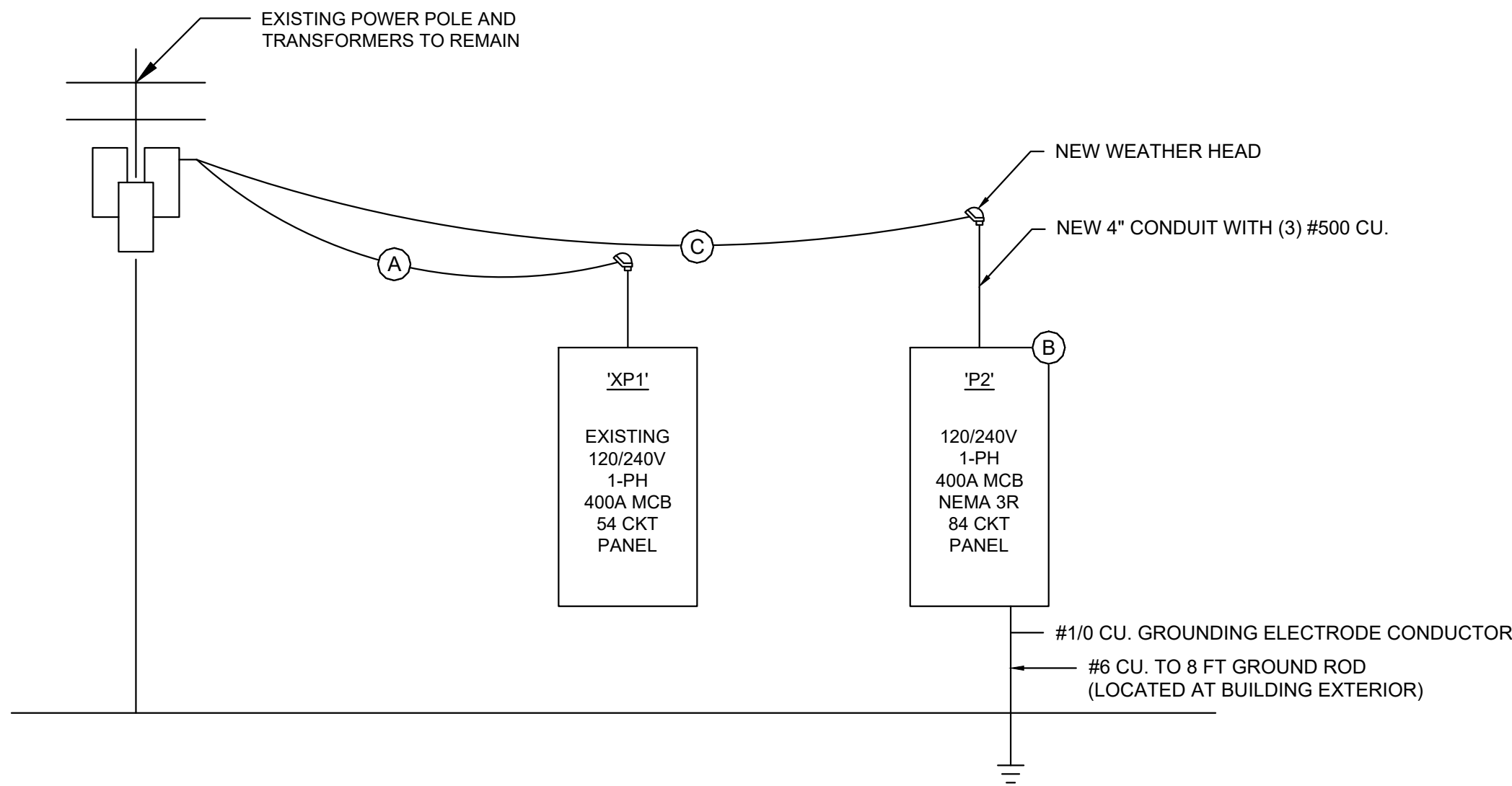
PANEL 'P2' SCHEDULE								
VOLTAGE			PANEL SIZE		MOUNTING		AIC RATING	
120/240			400A MCB		SURFACE		10,000	PHASE "A" LOAD 184.2
NEMA RATING: 3R								PHASE "B" LOAD 183
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER
1	NORTH WALL QUAD RECEPTS. *	20-1	6	A	12	20-2	CEILING FAN	2
3	NORTH WALL QUAD RECEPTS. *	20-1	6	B	12	-	-	4
5	NORTH WALL QUAD RECEPTS. *	20-1	6	A	12	20-2	CEILING FAN	6
7	NORTH WALL QUAD RECEPTS. *	20-1	6	B	12	-	-	8
9	NORTH WALL QUAD RECEPTS. *	20-1	6	A	12	20-2	CEILING FAN	10
11	NORTH WALL QUAD RECEPTS. *	20-1	6	B	12	-	-	12
13	NORTH WALL QUAD RECEPTS. *	20-1	6	A	1.2	20-1	EXTERIOR LIGHTING	14
15	NORTH WALL QUAD RECEPTS. *	20-1	6	B	6	20-1	SOUTH WALL QUAD RECEPTS. *	16
17	NORTH WALL QUAD RECEPTS. *	20-1	6	A	6	20-1	SOUTH WALL QUAD RECEPTS. *	18
19	NORTH WALL QUAD RECEPTS. *	20-1	6	B	6	20-1	SOUTH WALL QUAD RECEPTS. *	20
21	NORTH WALL QUAD RECEPTS. *	20-1	6	A	6	20-1	SOUTH WALL QUAD RECEPTS. *	22
23	NORTH WALL QUAD RECEPTS. *	20-1	6	B	6	20-1	SOUTH WALL QUAD RECEPTS. *	24
25	NORTH WALL QUAD RECEPTS. *	20-1	3	A	6	20-1	SOUTH WALL QUAD RECEPTS. *	26
27	CENTER FENCE QUAD RECEPTS. *	20-1	6	B	6	20-1	SOUTH WALL QUAD RECEPTS. *	28
29	CENTER FENCE QUAD RECEPTS. *	20-1	6	A	6	20-1	SOUTH WALL QUAD RECEPTS. *	30
31	CENTER FENCE QUAD RECEPTS. *	20-1	6	B	6	20-1	SOUTH WALL QUAD RECEPTS. *	32
33	CENTER FENCE QUAD RECEPTS. *	20-1	6	A	6	20-1	SOUTH WALL QUAD RECEPTS. *	34
35	CENTER FENCE QUAD RECEPTS. *	20-1	6	B	6	20-1	SOUTH WALL QUAD RECEPTS. *	36
37	CENTER FENCE QUAD RECEPTS. *	20-1	6	A	6	20-1	SOUTH WALL QUAD RECEPTS. *	38
39	CENTER FENCE QUAD RECEPTS. *	20-1	6	B	3	20-1	SOUTH WALL QUAD RECEPTS. *	40
41	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	42
43	CENTER FENCE QUAD RECEPTS. *	20-1	6	B		20-1	SPARE	44
45	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	46
47	CENTER FENCE QUAD RECEPTS. *	20-1	6	B		20-1	SPARE	48
49	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	50
51	CENTER FENCE QUAD RECEPTS. *	20-1	6	B		20-1	SPARE	52
53	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	54
55	CENTER FENCE QUAD RECEPTS. *	20-1	6	B		20-1	SPARE	56
57	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	58
59	CENTER FENCE QUAD RECEPTS. *	20-1	6	B		20-1	SPARE	60
61	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	62
63	CENTER FENCE QUAD RECEPTS. *	20-1	6	B		20-1	SPARE	64
65	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	66
67	CENTER FENCE QUAD RECEPTS. *	20-1	6	B		20-1	SPARE	68
69	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	70
71	CENTER FENCE QUAD RECEPTS. *	20-1	6	B		20-1	SPARE	72
73	CENTER FENCE QUAD RECEPTS. *	20-1	6	A		20-1	SPARE	74
75	SPARE	20-1		B		20-1	SPARE	76
77	SPARE	20-1		A		20-1	SPARE	78
79	SPARE	20-1		B		20-1	SPARE	80
81	SPARE	20-1		A		20-1	SPARE	82
83	SPARE	20-1		B		20-1	SPARE	84
NOTES:								
A: PANEL SHALL BE EQUAL TO SQUARE D MODEL "NQ"								
B: ELECTRICIAN SHALL VERIFY BREAKER WITH EQUIPMENT PRIOR TO PURCHASE & INSTALL.								
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL. CIRCUITS SHALL BE LABELED WITH STALL NUMBERS. COORDINATE WITH JASON MOORE MISSOURI STATE FAIR								
D: *SHALL INDICATE GFCI CIRCUIT BREAKER.								



DUPLEX AND CONDUIT MOUNTING DETAIL



TYPICAL GROUNDING & BONDING DETAIL



- POWER RISER
- A → EXISTING CONDUCTORS TO REMAIN.
- B → REPLACE EXISTING PANEL WITH NEW PANEL AS SHOWN.
- C → COORDINATE WITH POWER COMPANY ON NEW 400A SERVICE CONNECTION TO POLE MOUNTED TRANSFORMER.

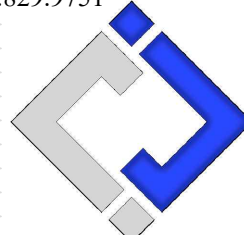
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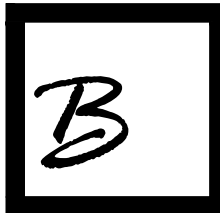
KEATON E. LEISINGER, P.E. - 2021035875
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CAD DWG FILE:
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DRAWN BY: KEL
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

ELECTRICAL
DETAILS &
SCHEDULES

SHEET NUMBER:

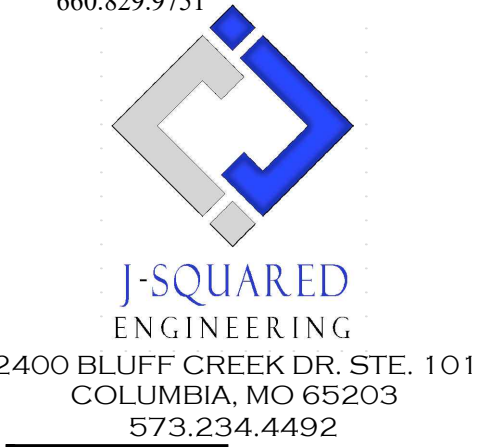
E-501

SHEET 26 OF 27



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MO CERTIFICATE OF AUTHORITY # 2018029688

June 29, 2022



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CAD DWG FILE:
F2205-01-1501-3511501048-P-FP-27.dwg
DRAWN BY: KEL
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

PLUMBING PLAN

SHEET NUMBER:

P-101

SHEET 27 OF 27

KEY NOTES

- ① → REPLACE GALVANIZED WATER LINE WITH NEW 1" CTS PEX PIPING OR 1" COPPER BACK TO SHUT-OFF VALVE.
- ② → APPROXIMATE LOCATION OF SHUT-OFF VALVE.
- ③ → REPLACE EXISTING FLOOR GRATE WITH NEW AS SHOWN. CONNECT TO EXISTING SANITARY LINE.

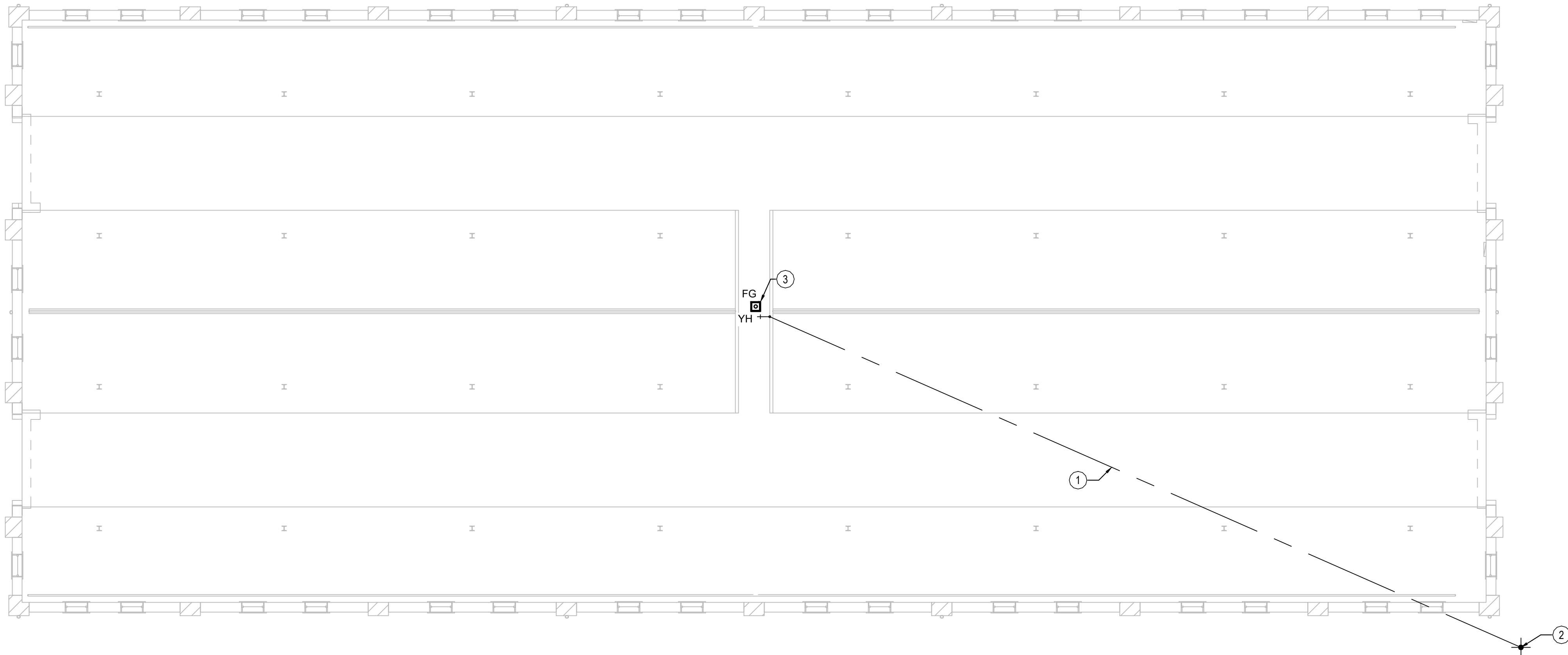
PLUMBING SYMBOL LEGEND

- COLD WATER LINE
- PIPING TURNED DOWN / TURNED UP
- ✕ TIE INTO EXISTING

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	NOTES
FG	FLOOR GRATE	NDS	1200-1213	1,2,4
YH	YARD HYDRANT	WOODFORD	Y-34	1,3

- NOTES:
1. VERIFY NECESSARY FIXTURES MEET ADA REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION
 2. 12"x12" CATCHBASIN WITH CAST IORN GRATE
 3. OTHER ACCEPTABLE MANUFACTURES BUT NOT LIMITED TO RITCHIE, SIMMONS, & MERRILL
 4. OTHER ACCEPTABLE MANUFACTURES BUT NOT LIMITED TO JR SMITH, ZURN, & ACO



1
P-101

PLUMBING PLAN

SCALE: 1/8" = 1'-0"