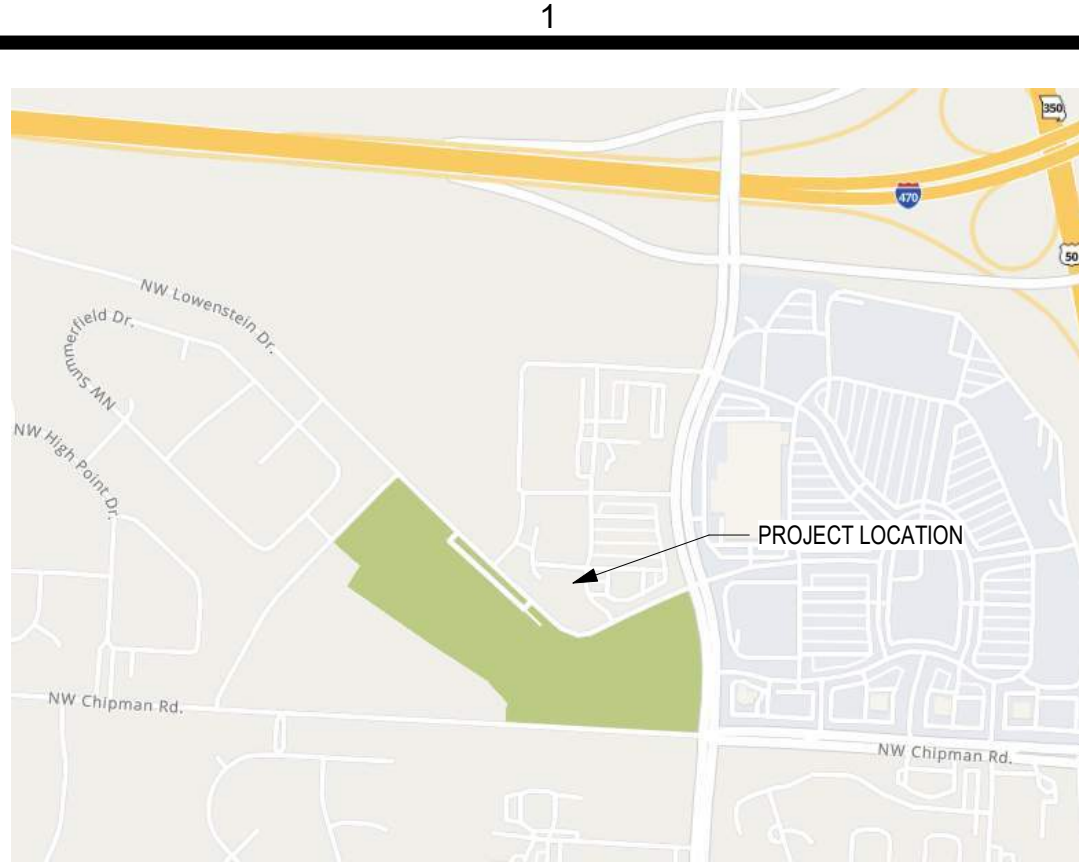


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A1 LOCATION MAP

SCALE: NOT TO SCALE



MATERIAL LEGEND

PLAN OR SECTION		RIGID INSULATION
ACOUSTICAL TILE (SECTION)		SAND, GRAVEL, PLASTER, DRYWALL, CUT STONE, GROUT
BATT INSULATION		TILE (LARGE SCALE)
BRICK		WOOD BLOCKING
CARPET		WOOD MEMBER (CONTINUOUS)
CONCRETE		WOOD STUDS, PARALLEL, FINISHED
CONCRETE MASONRY UNITS		
CONCRETE, PLASTER CUT STONE, STUCCO		ELEVATION
EARTH COMPACTED/DISTURBED		BRICK
METAL		GLASS
METAL STUDS		WOOD
PLYWOOD (LARGE SIZE)		

ABBREVIATIONS

A	ABOVE FINISH FLOOR
ACS PNL	ACCESS PANEL
ACC	ACCESSIBLE
ACT	ACOUSTICAL CEILING TILE
ACOUS PNL	ACOUSTICAL PANEL
ADMIN	ADMINISTRATION
APC	ACOUSTICAL PANEL CEILING
AWT	ACOUSTICAL WALL TREATMENT
ADJ	ADJUSTABLE
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
AB	ANCHOR BOLT
L	ANGLE
ANOD	ANODIZE / ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
B	
BSMT	BASEMENT
BM	BEAM
BRG	BEARING
BRG PL	BEARING PLATE
BR	BEDROOM
BLW	BELOW
BTWN	BETWEEN
BITUM	BITUMINOUS
BD	BOARD
BF	BOTH FACES
BS	BOTH SIDES
BW	BOTH WAYS
BOT	BOTTOM
BRKT	BRACKET
BLDG	BUILDING
BUR	BUILT-UP ROOFING
C	
CAB	CABINET
CUH	CABINET UNIT HEATER
CPT	CARPET
CIP	CAST-IN-PLACE
CS	CAST STONE
CLG	CEILING
CEM	CEMENT
CTR	CENTER
CL	CENTER LINE
C TO C	CERAMIC TILE
CH BD	CHALKBOARD
C	CHANNEL
CLR	CLEAR
CLO	CLOSET
COL	COLUMN
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CJ	CONSTRUCTION JOINT, CONTROL JOINT
D	
DL	DEAD LOAD
DEMO	DEMOLITION
DEPT	DEPARTMENT
D	DEPTH
DET	DETAIL
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION

D	
DW	DISHWASHER
DR	DOOR
DBL	DOUBLE
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING
DF	DRINKING FOUNTAIN
E	
EA	EACH
ESMT	EACH WAY EASEMENT
E	EAST
ELEC	ELECTRIC, ELECTRICAL
EL	ELEVATION
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
EXH FN	EXHAUST FAN
EXIST	EXISTING
EXP	EXPANSION
EXPJ	EXPANSION JOINT
EXT	EXTERIOR
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
F	
FC BRK	FACE BRICK
FOF	FACE OF FINISH
FGL	FIBERGLASS
FIN	FINISH
FF EL	FINISH FLOOR ELEVATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIXT	FIXTURE
FLASH	FLASHING
FLR	FLOOR
FOO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLUOR	FLUORESCENT
FL	FLOW LINE
FT	FOOT
FTG	FOOTING
FDTN	FOUNDATION
FR	FRAME
FA	FRESH AIR
FURN	FURNACE
FURG	FURRING
FS	FULL SIZE
G	
GA	GAUGE
GALV STL	GALVANIZED STEEL
GC	GENERAL CONTRACTOR
GL	GLASS
GB	GRAB BAR
GYP BD	GYPSUM BOARD
H	
HCP	HANDICAPPED
HDW	HARDWARE
HDWD	HARDWOOD
HVAC	HEATING, VENTILATION & AIR CONDITIONING
HT	HEIGHT
H	HIGH
HWY	HIGHWAY
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION

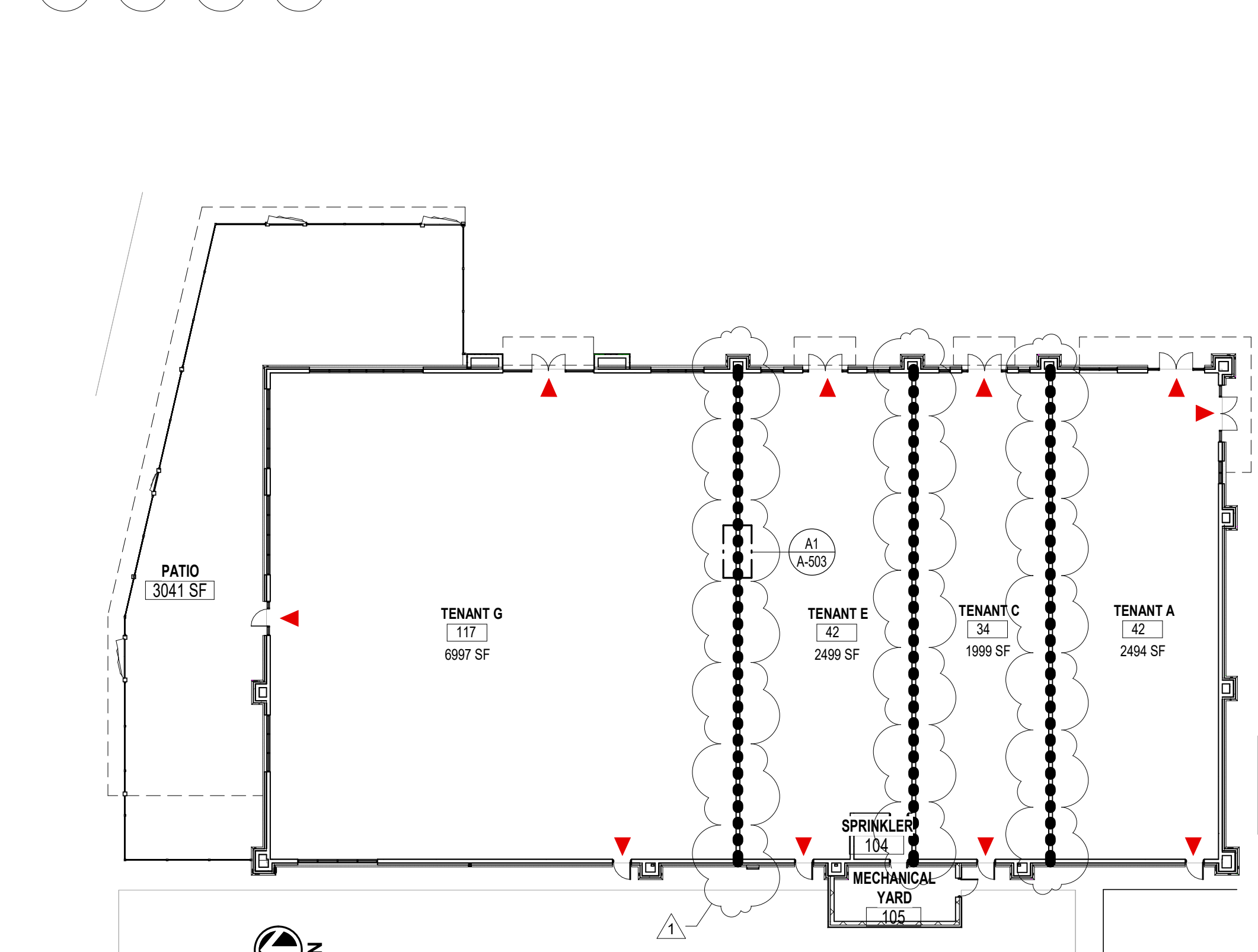
H	
HW	HOT WATER
HYD	HYDRANT
I	
INCL	INCLUDED
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
J	
JAN	JANITOR
K	
KIT	KITCHEN
L	
LAB	LABORATORY
LAM	LAMINATE
LAU	LAUNDRY
LAV	LAVATORY
LWC	LIGHTWEIGHT CONCRETE
LCMU	LIGHTWEIGHT CONCRETE MASONRY
LF	LINEAR FOOT
LL	LIVE LOAD
LR	LIVING ROOM
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
M	
MAINT	MAINTENANCE
MH	MANHOLE
MFD	MANUFACTURED
MFR	MANUFACTURER
MFG	MANUFACTURING
MO	MASONRY OPENING
MBR	MASTER BEDROOM
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MTL	METAL
MW	MICROWAVE
MIN	MINIMUM, MINUTE
MISC	MISCELLANEOUS
MR	MOISTURE RESISTANT
MTD	MOUNTED
MULL	MULLION
N	
NRC	NOISE REDUCTION COEFFICIENT
NOM	NOMINAL
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O	
OFF	OFFICE
OC	ON CENTER
OPNG	OPENING
OPP	OPPOSITE
OD	OUTSIDE DIAMETER
O/O	OUT TO OUT
OA	OVERALL
ORD	OVERFLOW ROOF DRAIN
OH	OVERHANG
OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED/ OWNER INSTALLED
P	
PT	PAINT
PR	PAIR
PNL	PANEL
PTD	PAPER TOWEL DISPENSER
PTD	PARTICLE BOARD
PTN	PARTITION
PVG	PERFORATED
PERF	PERIMETER
PERIM	PERIMETER
PLAS	PLASTER
PERP	PERPENDICULAR
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PVC	POLYVINYL CHLORIDE
LB	POUND
PCF	POUNDS PER CUBIC FOOT
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PCC	PREFABRICATE
PREFAB	PREFINISH
PREFIN	PREFINISH
PROJ	PROJECT
PL	PROPERTY LINE
Q	
QT	QUARRY TILE
R	
REF	REFERENCE, REFRIGERATOR
RCP	REFLECTED CEILING PLAN
REIN	REINFORCE
REQD	REQUIRED
RESIL	RESILIENT
REST	RESTROOM
RA	RETURN AIR
REV	REVISION
R	RISER, RADIUS, RANGE
RD	ROOF DRAIN
RFG	ROOFING
RM	ROOM
RO	ROUGH OPENING
RS	ROUGH SAWN
S	
SNU	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SS	SANITARY SEWER
SCHED	SCHEDULE
SECT	SECTION
SHT	SHEET
SV	SHEET VINYL
SHV	SHELVING
SHR	SHOWER
SM	SIMILAR
SCWD	SOLID CORE WOOD
STC	SOUND TRANSMISSION CLASS
S	SOUTH
SPEC	SPECIFICATION
SB	SPLASH BLOCK
SF	SQUARE FOOT
SQ INCH	SQUARE INCH
SQ YD	SQUARE YARD
SST	STAINLESS STEEL
STD	STANDARD
STL JST	STEEL JOIST
STOR	STORAGE
SD	STORM DRAIN
ST	STREET

S	
STRUCT	STRUCTURAL
SUSP CLG	SUSPENDED CEILING
SW	SWITCH
T	
TK BD	TACKBOARD
TEL	TELEPHONE
TV	TELEVISION
TMPP	TEMPERED
TER	TERRAZZO
THK	THICKNESS
TPD	TOILET PAPER HOLDER
T&G	TONGUE AND GROOVE
T&B	TOP AND BOTTOM
TOC	TOP OF CURB
TOF	TOP OF CONCRETE
TOM	TOP OF FOOTING
TOS	TOP OF MASONRY
TOW	TOP OF WALL
TB	TOWEL BAR
TRANS	TRANSPARENT
TF	TRANSPARENT WOOD FINISH
T	
TYP	TYPICAL
U	
UNFIN	UNFINISHED
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
V	
VR	VAPOR RETARDER
VNR	VENEER
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VWC	VINYL WALL COVERING
VWF	VINYL WALL FABRIC
V	VOLT
W	
WSCOT	WAINSCOT
WC	WALL COVERING, WALL CLOSET
WH	WATER HEATER
WP	WATERPROOFING, WORKING POINT
WT	WEIGHT
WVF	WELDED WIRE FABRIC
W	WEST, WIDE
WDW	WINDOW
WGL	WIRED GLASS
W	WITH
W/O	WITHOUT
WD	WOOD

2-HR SEPARATION

EXIT

NOTE: 2-HR SEPARATION WALL WILL BE CONSTRUCTED AS A FIRE BARRIER, UL #301, EXTENDING FROM FOUNDATION TO UNDERSIDE OF ROOF SHEATHING.



A3 FIRST FLOOR

SCALE: 1" = 20'-0"

CODE SUMMARY

PROJECT SCOPE:

CORE & SHELL DOCUMENTS. DRAWINGS FOR TENANT IMPROVEMENT WILL BE ISSUED A SEPARATE PERMIT AND PROVIDED BY OTHERS.

JURISDICTIONAL BUILDING CODES:

INTERNATIONAL BUILDING CODE	2018
INTERNATIONAL MECHANICAL CODE	2018
NATIONAL ELECTRICAL CODE	2017
INTERNATIONAL PLUMBING CODE	2018
INTERNATIONAL FIRE CODE	2018
INTERNATIONAL FUEL GAS CODE	2018

ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009

CONSTRUCTION INFORMATION:

BUILDING TYPE:	NEW CONSTRUCTION
OCCUPANCY TYPES:	M (MERCANTILE)
CONSTRUCTION TYPE:	V-B (SPRINKLERED)
ALLOWABLE HEIGHT:	40 FT
ACTUAL HEIGHT:	26 FT
ALLOWABLE STORIES:	1
ACTUAL STORIES:	1
GROSS BUILDING AREA:	13,989 SF

ALLOWABLE FLOOR AREA:

ALLOWABLE FLOOR AREA (M):	9,000 SF
*FRONTAGE INCREASE N/A DUE TO ACTUAL AREA LESS THAN ALLOWABLE FLOOR AREA	

GROSS BUILDING AREA:

TENANT A:	2,494 SF
TENANT C:	1,999 SF
TENANT E:	2,499 SF
TENANT G:	6,997 SF

TOTAL GROSS AREA: 13,989 SF

OCCUPANT LOAD CALCS:

TENANT B (M): IBC TABLE 1006.5	
TOTAL NET SF	13,989 SF
MERCANTILE	60 GROSS
OCCUPANTS	234 OCC

EXITS REQUIRED:

TENANT A (M): IBC TABLE 1006.2.1	
EXITS REQUIRED	1 EXIT
EXITS PROVIDED	3 EXITS
TENANT C (M): IBC TABLE 1006.2.1	
EXITS REQUIRED	1 EXIT
EXITS PROVIDED	2 EXITS
TENANT E (M): IBC TABLE 1006.2.1	
EXITS REQUIRED	1 EXIT
EXITS PROVIDED	2 EXITS
TENANT G (M): IBC TABLE 1006.2.1	
EXITS REQUIRED	2 EXITS
EXITS PROVIDED	3 EXITS

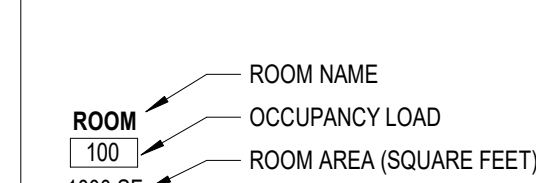
STRUCTURAL FIRE PROTECTION (IBC TABLE 601)

PRIMARY STRUCTURAL FRAME	(0) HOUR
EXTERIOR BEARING WALLS	(0) HOUR
EXTERIOR BEARING WALLS	(0) HOUR
EXTERIOR NON-BEARING WALLS & PARTITIONS	N/A
INTERIOR NON-BEARING WALLS & PARTITIONS	(0) HOUR
STRUCTURAL FRAME	(0) HOUR
FLOOR CONSTRUCTION	(0) HOUR
ROOF CONSTRUCTION	(0) HOUR

STRUCTURAL FIRE PROTECTION (IBC TABLE 601)

1. AUTOMATIC SPRINKLER SYSTEM (YES)
2. EXIT LIGHTING PROVIDED

CODE PLAN ROOM TAG



DESIGN TEAM

ARCHITECTURAL DESIGN	CONTACT: MICHAEL HAMPTON & RYMAN KINNEY
SCHWERDT DESIGN GROUP	PHONE: 785-273-7540
2231 SW WANAMAKER RD SUITE 303	DIRECT: 785-730-0914
TOPEKA, KANSAS 66614	E-MAIL: MKH@SDGARCH.COM
	RAK@SDGARCH.COM
MECHANICAL & ELECTRICAL DESIGN	CONTACT: BRYAN LEINWETTER PE.
PKMR ENGINEERS	PHONE: 913-492-2400
13300 WEST 98TH STREET	E-MAIL: BRYAN.LEINWETTER@PKMRENG.COM
LENEXA, KANSAS, 66215	
STRUCTURAL DESIGN	CONTACT: AARON SCOTT PE.
CERTUS STRUCTURAL ENGINEERS	PHONE: 785-291-0400
900 S KANSAS AVENUE SUITE 400	E-MAIL: AARON.SCOTT@CERTUSSE.COM
TOPEKA, KANSAS, 66612	
CIVIL DESIGN	CONTACT: SAM MALINOWSKI, PE
SM ENGINEERING	PHONE: 785-341-9747
9191 W STEWART ROAD	E-MAIL: SMCIVLENGR@GMAIL.COM
COLUMBIA, MISSOURI 65203	

SHEET INDEX

ARCHITECTURAL

G-001 COVER SHEET

CIVIL	
C-1.0	COVER SHEET
C-2.0	EXISTING CONDITIONS
C-3.0	SITE PLAN
C-4.0	UTILITY PLAN
C-5.0	GRADING PLAN
C-6.0	EROSION CONTROL PLAN
C-7.0	EROSION CONTROL DETAILS
C-8.0	STORM LINE C PLAN AND PROFILE
C-8.1	STORM LINE F PLAN AND PROFILE
C-9.0	WATERLINE A PLAN AND PROFILE
C-10	WATERLINE B & C PLAN AND PROFILE
C-11	DETAILS
C-12	DETAILS
C-13	DETAILS
L-1	LANDSCAPE PLAN

ARCHITECTURAL

A-100	SITE PLAN & DETAILS
A-101	FIRST FLOOR PLAN
A-102	ROOF PLAN
A-201	EXTERIOR ELEVATIONS
A-202	EXTERIOR ENLARGED ELEVATION & FENCE DTLS
A-301	WALL SECTIONS
A-302	WALL SECTIONS
A-501	BUILDING DETAILS
A-502	BUILDING DETAILS
A-503	BUILDING DETAILS
A-601	GLASS & DOOR SCHEDULES

STRUCTURAL

S-001	GENERAL NOTES
S-101	FOUNDATION PLAN
S-102	CANOPY FOUNDATION & FRAMING PLANS
S-103	WALL FRAMING PLAN
S-104	ROOF FRAMING PLAN
S-201	NW FRAMING ISOMETRIC
S-202	SE FRAMING ISOMETRIC
S-301	CONCRETE DETAILS & SECTIONS 1
S-601	FRAMING DETAILS & SECTIONS 1
S-602	FRAMING DETAILS & SECTIONS 2
S-603	FRAMING DETAILS & SECTIONS 3

MECHANICAL. ELECTRICAL. PLUMBING

ME-101 MEP NOTES & SPECIFICATIONS

MECHANICAL

M-101	PLUMBING PLAN
M-201	HVAC PLAN
M-301	MECHANICAL DETAILS & SCHEDULES

ELECTRICAL

E-101	POWER PLAN
E-102	ELECTRICAL DETAILS & SCHEDULES
E-201	LIGHTING PLAN
E-202	SITE LIGHTING PLAN
E-203	SITE PHOTOMETRIC PLAN



schwerdt design group
architecture | interiors | planning
2231 sw wanamaker rd, suite 303
topeka, kansas 66614-4275
phone: 785.273.7540
fax: 785.273.7579



MICHAEL K. HAMPTON
ARCHITECT (MO# A-2008027042)
SCHWERDT DESIGN GROUP INC
MISSOURI STATE CERTIFICATE
OF AUTHORITY #F00353876

CORE & SHELL BUILDING STREETS OF WEST PRYOR LOT 13 1020 NW PRYOR ROAD, LEES SUMMIT, MISSOURI

SUBMISSION DATES
12-27-2023
ADD-1 JAN 19TH, 2024

SHEET TITLE
COVER SHEET

PROJECT NUMBER
235008

SHEET NUMBER
G-001

FINAL DEVELOPMENT PLANS

FOR

LOT 13A OF WEST PRYOR

LEE'S SUMMIT

UTILITIES
Electric Service
EVERGY
Nathan Michael
913-347-4310
Nathan.michael@kcpl.com

Gas Service
Spire
Katie Darnell
816-969-2247
Katie.darnell@spireenergy.com

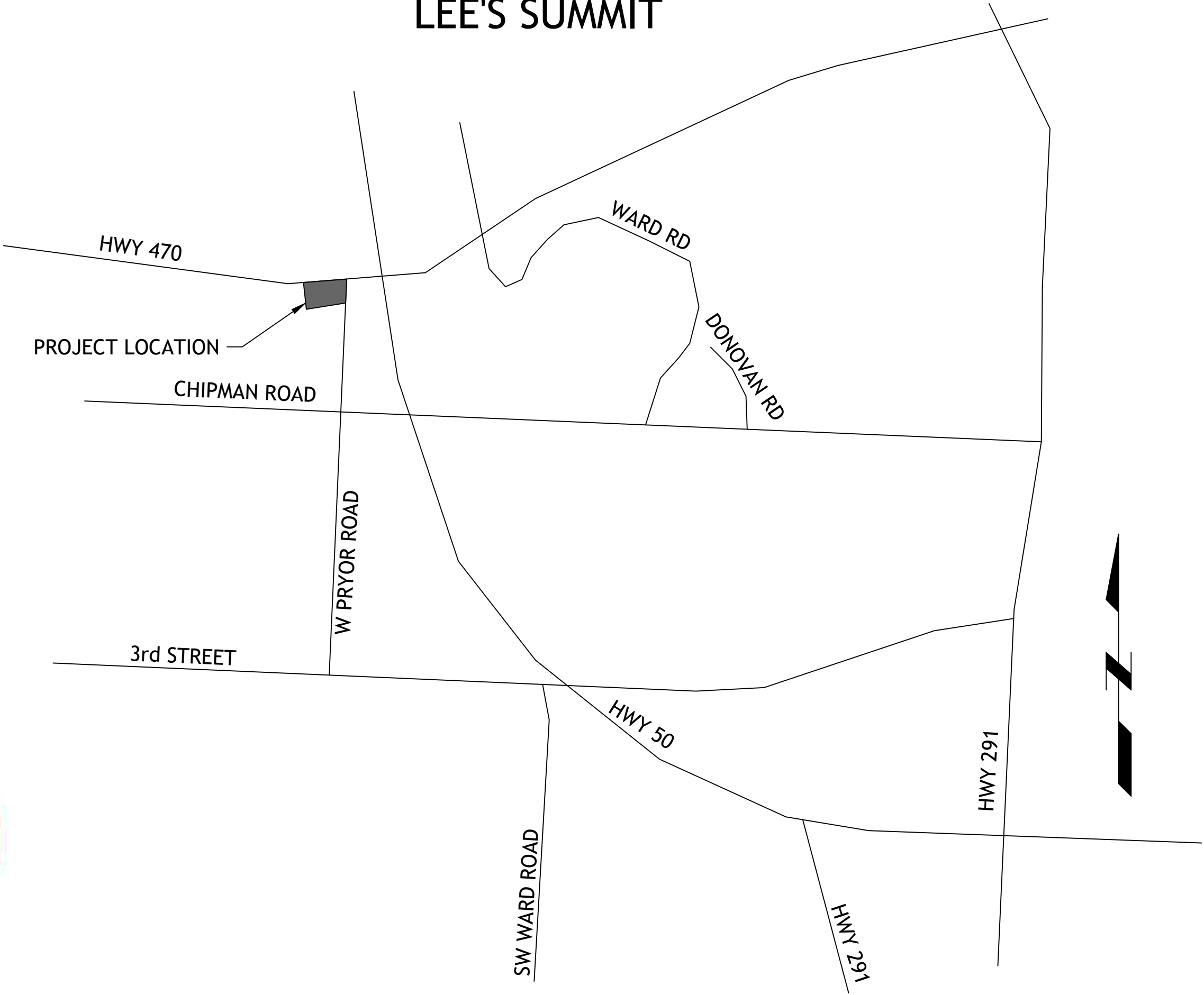
Water/Sanitary Sewer
Water Utilities Department
1200 SE Hamblen Road
Lee's Summit, Mo 64081
Jeff Thorn
816-969-1900
jeff.thorn@cityofls.net

Communication Service
AT&T Carrie Cilke
816-703-4386
cc3527@att.com

Time Warner Cable
Steve Baxter
913-643-1928
steve.baxter@charter.com

Comcast
Ryan Alkire
816-795-2218
ryan.alkire@cable.comcast.com

Google Fiber
Becky Davis
913-725-8745
rebeccadavis@google.com



LOCATION MAP

UTILITY STATEMENT:
THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY.
SAFETY NOTICE TO CONTRACTOR
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

WARRANTY/DISCLAIMER
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENEDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER SM ENGINEERING NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE SM ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

CAUTION- NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.

LEGAL DESCRIPTION:
LOT 13A, STREETS OF WEST PRYOR, LEE'S SUMMIT, JACKSON COUNTY MISSOURI

BENCHMARKS:
#1 CHISELED "SQUARE" ON TOP OF CURB POINT OF INTERSECTION OF WEST PARK PARKING LOT AT EAST DRIVE ENTRANCE
ELEVATION 985.05

#2 CHISELED "SQUARE" ON NORTHWEST CORNER AREA INLET, 25' EAST OF CURB LINE AND ON-LINE WITH SOUTH CURB OF LOWENSTEIN DRIVE AT 90° BEND IN ROAD
ELEVATION 971.06

- NOTE
- ALL CONSTRUCTION SHALL FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813. WHERE DISCREPANCIES EXIST BETWEEN THESE PLANS AND THE DESIGN AND CONSTRUCTION MANUAL, THE MORE STRINGENT SHALL PREVAIL.
 - THERE ARE NO GAS/OIL WELLS PER MDNR DATABASE OF OIL & GAS PERMITS
 - SITE IS LOCATED WITHIN FEMA ZONE X, AREAS OF MINIMAL FLOODING PER FEMA 29095C0416G DATED 1-20-17.

INDEX OF SHEETS

- C-1 COVER SHEET
- C-2 EXISTING CONDITIONS
- C-3 SITE PLAN
- C-4 UTILITY PLAN
- C-5 GRADING PLAN
- C-6 EROSION CONTROL PLAN
- C-7 EROSION CONTROL DETAILS
- C-8 STORM LINE C PLAN AND PROFILE
- C-8.1 STORM LINE F PLAN AND PROFILE
- C-9 WATERLINE A PLAN AND PROFILE
- C-10 WATERLINE B & C PLAN AND PROFILE
- C-11 DETAILS
- C-12 DETAILS
- C-13 DETAILS
- L-1 LANDSCAPE PLAN

DEVELOPER

STREETS OF WEST PRYOR, LLC
DAVID N. OLSON
7200 W 133rd ST, SUITE 150
CELL: OVERLAND PARK, KS 66213
314-413-3598

ENGINEER

SM ENGINEERING
5507 High Meadow Circle
Manhattan Kansas, 66503
smcivilengr@gmail.com
785.341.9747



SAMUEL D. MALINOWSKY
PROFESSIONAL ENGINEER

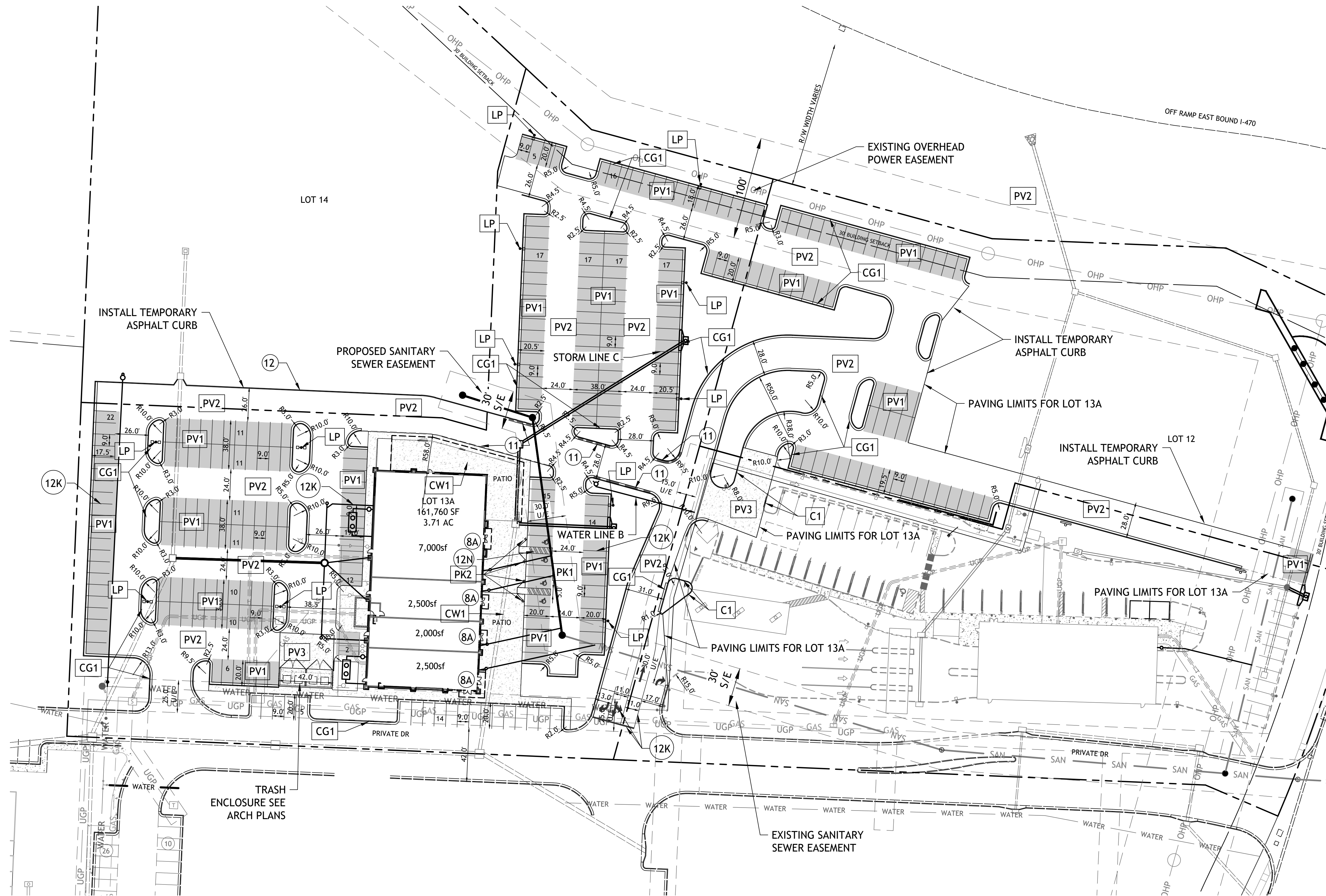
SM Engineering
5507 High Meadow Circle
Manhattan Kansas, 66503
smcivilengr@gmail.com
785.341.9747

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Revisions
11-29-23 CITY COMMENTS
1-4-24 PER CLIENT
1-16-24 PER EVERGY

LOT 13A OF
WEST PRYOR
LEE'S SUMMIT, MISSOURI

s h e e t
C1.0
Civil
COVER SHEET
permit
19 OCTOBER 2023



NOTE:
LOT LINES SHOWN ARE PROPOSED
LOTS 11 & 14 TO BE REPLATTED TO SHOW
PROPOSED LOT LINES.

- SEE DETAIL SHEET FOR THE FOLLOWING DETAILS:
- PK-1 96" ACCESSIBLE & VAN ACCESSIBLE SPACE STRIPING
 - PK-2 ACCESSIBLE SIGN
 - SG-1 BOLLARD DETAIL
 - C1 STRAIGHT BACK CURB
 - CG-1 TYPE B CURB AND GUTTER
 - CW1 CURB WALK AT BUILDING
 - PV1 REGULAR DUTY PAVEMENT
 - PV2 HEAVY DUTY ASPHALT PAVEMENT
 - PV3 HEAVY DUTY CONCRETE PAVEMENT
 - CW2 SIDEWALK
 - LP LIGHT POLE (SEE ARCH PLANS)

- NOTES:
- 8A DOOR (SEE ARCH. PLANS)
 - 12K YELLOW PARKING LOT STRIPING (SHERWIN-WILLIAMS TM 2160 LEAD FREE OR APPROVED EQUAL)
 - 12N 4" YELLOW STRIPES 3'-0" O.C.
 - 11 PAINT CURB RED WITH "FIRE LANE - NO PARKING" 4" WHITE LETTERS NO MORE THAN 15' APART
 - 12 PAINT 6" WIDE RED STRIPE WITH "FIRE LANE - NO PARKING" 4" WHITE LETTERS

SITE DATA

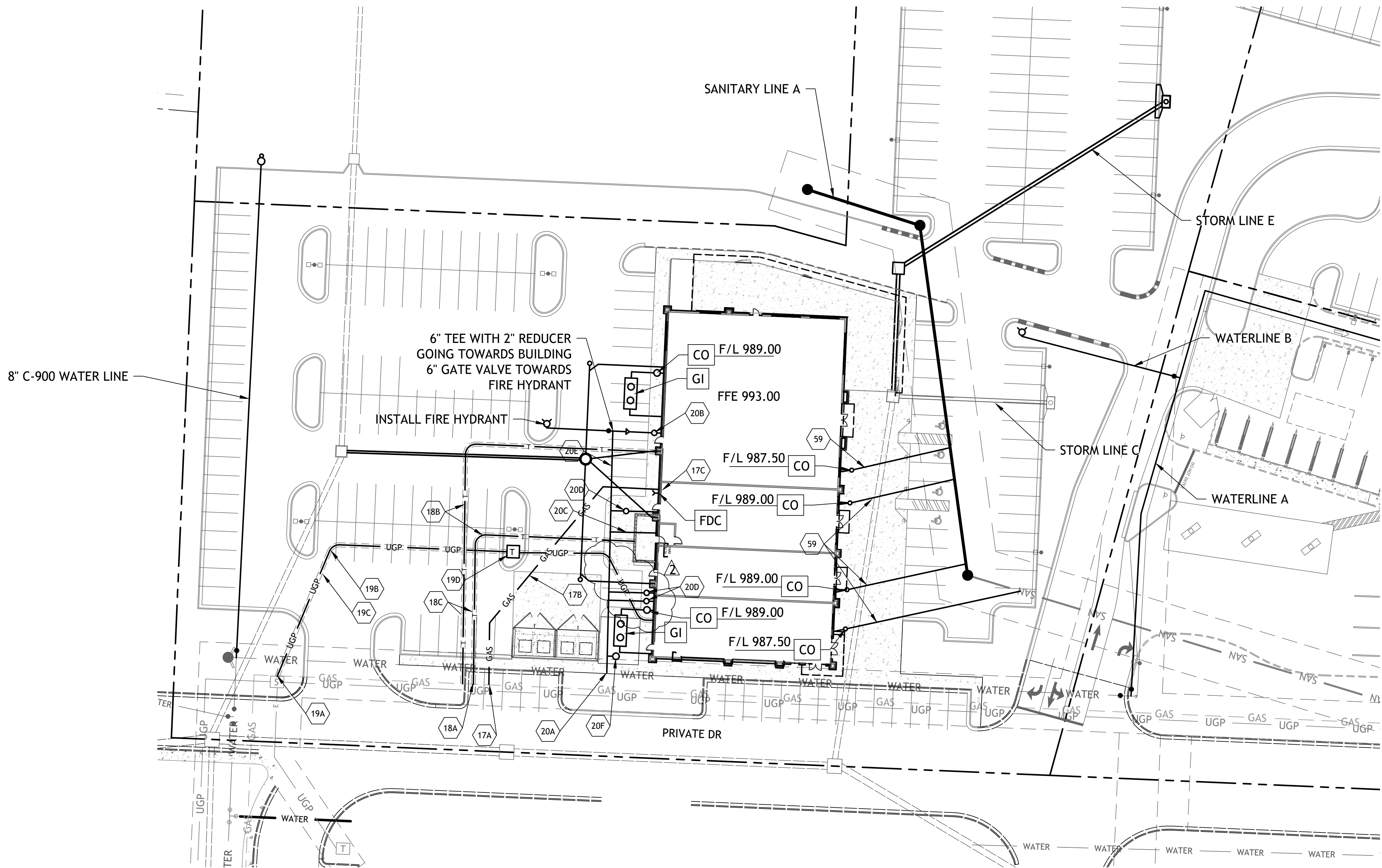
LOT 13	
TOTAL SITE	3.71ac (161,760sf)
PAVEMENT AREA	118,941,sf
BUILDING	12,000sf
TOTAL	130,941sf
OPEN SPACE	30,819sf (19.1%)
PARKING REQUIRED	168
14/1000sf	247
PROVIDED	
FAR	0.074

CONSTRUCTION NOTES:

- COORDINATE START-UP AND ALL CONSTRUCTION ACTIVITIES WITH OWNER.
- CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE STANDARD SPECIFICATIONS.
- ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
- PUBLIC CONVENIENCE AND SAFETY: THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC, AND SHALL PROVIDE FOR TI-1E CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO STREETS IN THE CONSTRUCTION AREA.
- ALL DIMENSIONS SHOWN ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- ACCESSIBLE STALLS SHOWN WITH A "VAN" SHALL BE 16'-0" MIN. AND SHALL HAVE A SIGN DESIGNATING "VAN-ACCESSIBLE". SEE DETAIL102.

NOTE:

- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE. SLOPED PAVING, EXIT PORCHES AND RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACTOR DOCUMENTS.
- ALL DIMENSIONS ARE PERPENDICULAR TO PROPERTY LINE.
- ACTUAL SIGN LOCATIONS TO BE COORDINATED WITH CONSTRUCTION MANAGER.



DETAILS

- MS1 TRENCH AND BEDDING DETAILS
- SS2 2-WAY CLEAN-OUT
- FH FIRE HYDRANT
- CO CLEANOUT
- GI GREASE INTERCEPTOR (1,500 GAL)

NOTES

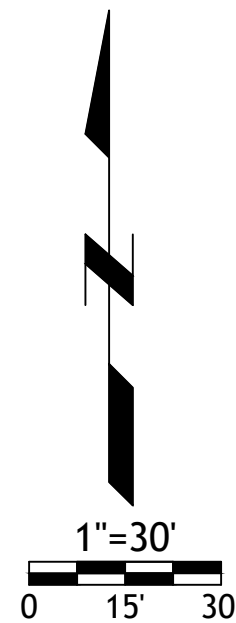
- 17A POINT OF CONNECTION - GAS SERVICE
- 17B GAS SERVICE (BY GAS COMPANY)
- 17C GAS METER
- 18A POINT OF CONNECTION - TELEPHONE SERVICE - COORDINATE WITH TELEPHONE COMPANY
- 18B UNDERGROUND TELEPHONE SERVICE PER LOCAL TELEPHONE COMPANY
- 18C 2-2" CONDUITS INSTALLED BY CONTRACTOR - TELEPHONE SERVICE
- 19A POINT OF CONNECTION - ELECTRICAL SERVICE
- 19C 4" CONDUIT WITH STEEL SWEEPS INSTALLED BY CONTRACTOR - ELECTRIC SERVICE
- 19D TRANSFORMER PAD
- 20A POINT OF CONNECTION - WATER SERVICE
- 20B 2" TAP AND METER WITH 2" SERVICE LINE
- 20C 6" FIRE LINE
- 20D 1" TAP AND METER WITH 1"
- 20E 6" C-900 WATERLINE
- 59 4" SANITARY SEWER SERVICE LINE
- 20F 1" TAP AND METER WITH 1" SERVICE LINE FOR IRRIGATION

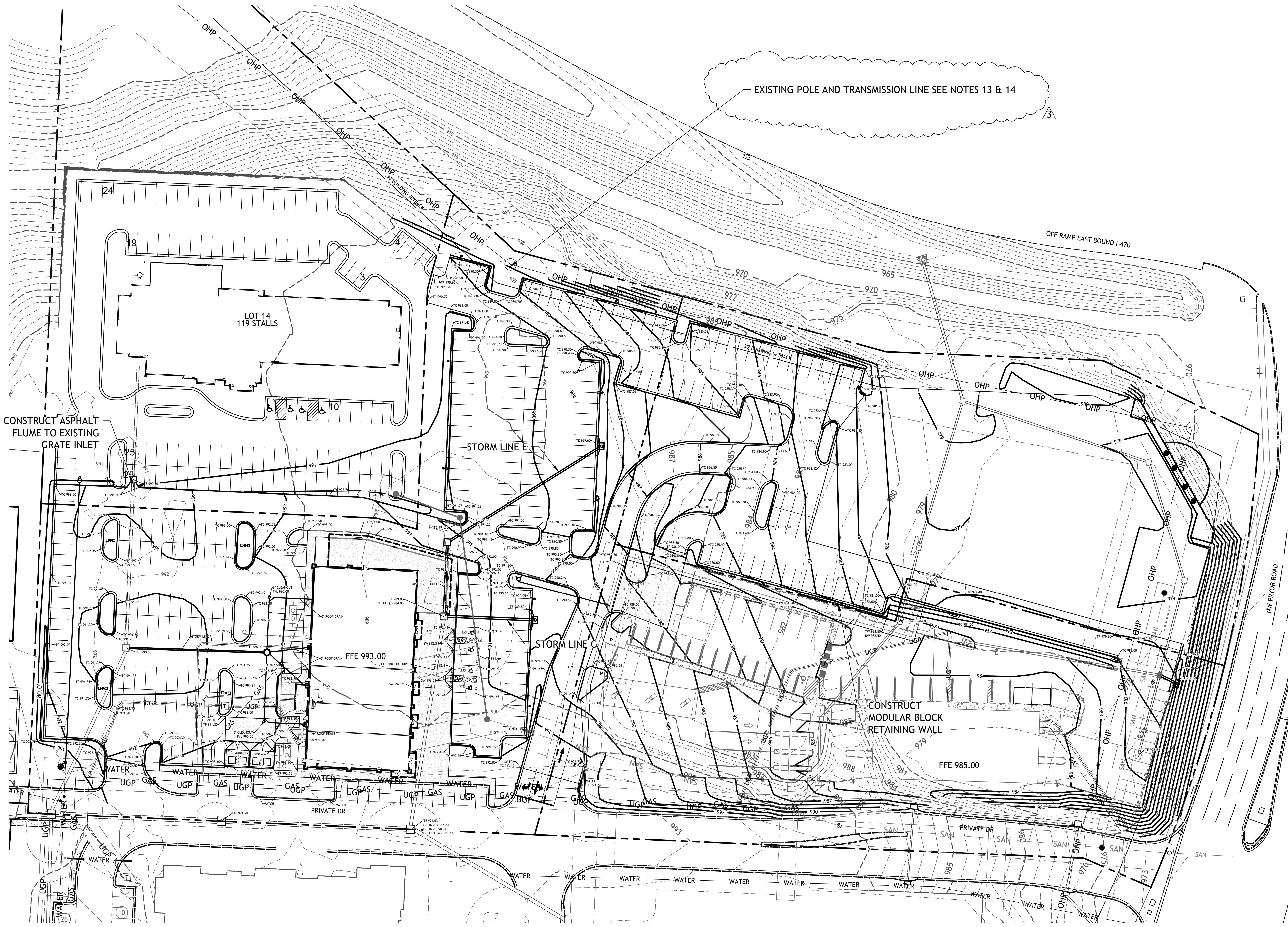
UTILITY STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY.

UTILITY NOTES:

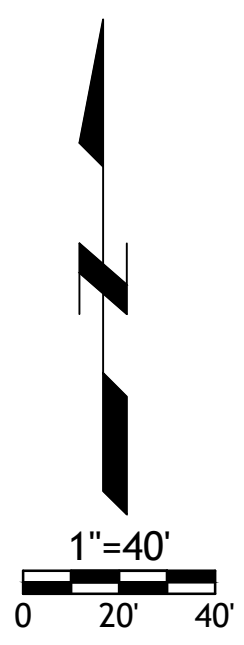
- ALL UTILITY AND STORM SEWER TRENCHES CONSTRUCTED UNDER AREAS THAT RECEIVE PAVING SHALL BE BACKFILLED TO 18 INCHES ABOVE THE TOP OF THE PIPE WITH SELECT GRANULAR MATERIAL PLACED ON EIGHT-INCH LIFTS, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCE OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. SM ENGINEERING AND OWNER ARE TO BE HELD HARMLESS.
- ALL WATER AND SANITARY SEWER SYSTEMS THAT ARE TO BE PUBLIC LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS PREVIOUSLY APPROVED BY THE CITY OF LEE'S SUMMIT AND THE STATE OF MISSOURI AND SHALL BE INSPECTED BY THE CITY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THIS INSPECTION OCCURS.
- LOCATIONS SHOWN FOR PROPOSED WATER LINES ARE APPROXIMATE. VARIATIONS MAY BE MADE, WITH APPROVAL OF THE ENGINEER, TO AVOID CONFLICTS.
- CONTRACTOR TO INSTALL TRACING TAPE ALONG ALL NON-METALLIC WATER MAINS AND SERVICE LINES PER SPECIFICATIONS.
- CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICT AND POINTS OF CONNECTION PRIOR TO ANY CONSTRUCTION OF NEW UTILITIES.
- WATER LINES SHALL HAVE A MINIMUM COVER OF 42 INCHES. ALL VALVES ON MAINS AND FIRE HYDRANT LEADS SHALL BE WITH VALVE BOX ASSEMBLIES. THE SIZE OF VALVE BOX ASSEMBLY TO BE INSTALLED IS DETERMINED BY THE TYPE AND SIZE OF VALVE. VALVE BOX CAPS SHALL HAVE THE WORD "WATER".
- A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN PARALLEL WATER AND SANITARY SEWER LINES. WHEN IT IS NECESSARY FOR ANY WATER LINE TO CROSS A SANITARY SEWER LINE, THE SEWER LINE SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE AT LEAST 10 FEET EITHER SIDE OF THE WATER LINE UNLESS THE WATER LINE IS AT LEAST 2 FEET CLEAR DISTANCE ABOVE THE SANITARY SEWER LINE.
- INSTALL 2" TYPE "K" COPPER FROM THE MAIN TO 10' BEYOND METER AND EITHER TYPE "K" OR POLYETHYLENE PLASTIC TUBING (PE 3608) TO STOP AND WASTE VALVE INSIDE BUILDING.
- CONTRACTOR RESPONSIBLE FOR PROVIDING CASEMENT FOR ELECTRICAL SERVICE PER KCP&L
- SANITARY SEWER SERVICE CONNECTIONS WILL BE MADE WITH A CUT IN WYE





NOTE
ANY GRADING SHOWN ON LOT 11 OTHER THAN WHAT IS
REQUIRED FOR THE ACCESS DRIVES INDICATED ON THE SITE
PLAN IS SHOWN FOR INFORMATION ONLY AND IS NOT PART
OF THESE PLANS.

- GRADING NOTES:**
1. EARTHWORK UNDER THE BUILDING SHALL COMPLY WITH THE PROJECT ARCHITECTURAL PLANS. OTHER FILL MATERIAL SHALL BE MADE IN LIFTS NOT TO EXCEED EIGHT INCHES DEPTH COMPACTED TO 95% STANDARD PROCTOR DENSITY. FILL MATERIAL MAY INCLUDE ROCK FROM ON-SITE EXCAVATION IF CAREFULLY PLACED SO THAT LARGE STONES ARE WELL DISTRIBUTED AND VOIDS ARE COMPLETELY FILLED WITH SMALLER STONES, EARTH, SAND OR GRAVEL TO FURNISH A SOLID EMBANKMENT. NO ROCK LARGER THAN THREE INCHES IN ANY DIMENSION NOR ANY SHALE SHALL BE PLACED IN THE TOP 12 INCHES OF EMBANKMENT.
 2. AREAS THAT ARE TO BE CUT TO SUBGRADE LEVELS SHALL BE PROOF ROLLED WITH A MODERATELY HEAVY LOADED DUMP TRUCK OR SIMILAR APPROVED CONSTRUCTION EQUIPMENT TO DETECT UNSUITABLE SOIL CONDITIONS.
 3. IN ALL AREAS OF EXCAVATION, IF UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED, A QUALIFIED GEOTECHNICAL ENGINEER SHALL RECOMMEND TO THE OWNER THE METHODS OF UNDERCUTTING AND REPLACEMENT OF PROPERLY COMPACTED, APPROVED FILL MATERIAL. ALL PROOF ROLLING AND UNDERCUTTING SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER.
 4. CONTRACTOR SHALL USE SILT FENCE OR OTHER MEANS OF CONTROLLING EROSION ALONG THE EDGE OF THE PROPERTY OR OTHER BOTTOM OF SLOPE LOCATIONS.
 5. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS.
 6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
 7. IT IS NOT THE DUTY OF THE ENGINEER OR THE OWNER TO REVIEW THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE AT ANY TIME DURING CONSTRUCTION.
 8. PIPE LENGTHS ARE CENTER TO CENTER OF STRUCTURE OR TO END OF END SECTIONS.
 9. HANDICAP STALLS SHALL MEET ADA REQUIREMENTS AND SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION AT THE BUILDING ENTRY AND ACCESSIBLE PARKING STALLS. SLOPES EXCEEDING 2.0% WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 10. ALL CONSTRUCTION TRAFFIC, TEMPORARY TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS SHALL CONFORM TO REQUIREMENTS OF THE LATEST MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 11. CONTRACTOR TO PLACE 8" LOW PERMEABILITY LVC FOR BUILDING PAD
 12. CONTRACTOR TO CONSTRUCT THROATS TO CURB INLETS.
 13. NO HEAVY EQUIPMENT ALLOWED WITHIN 5' OF EXISTING POLE FOUNDATION TOP OF FOUNDATION SHALL REMAIN 2' ABOVE EXISTING GROUND UPON COMPLETION OF CONSTRUCTION.
 14. AT NO TIME SHALL CONSTRUCTION EQUIPMENT BE ALLOWED WITH 20' OF ANY PART OF THE TRANSMISSION LINE.



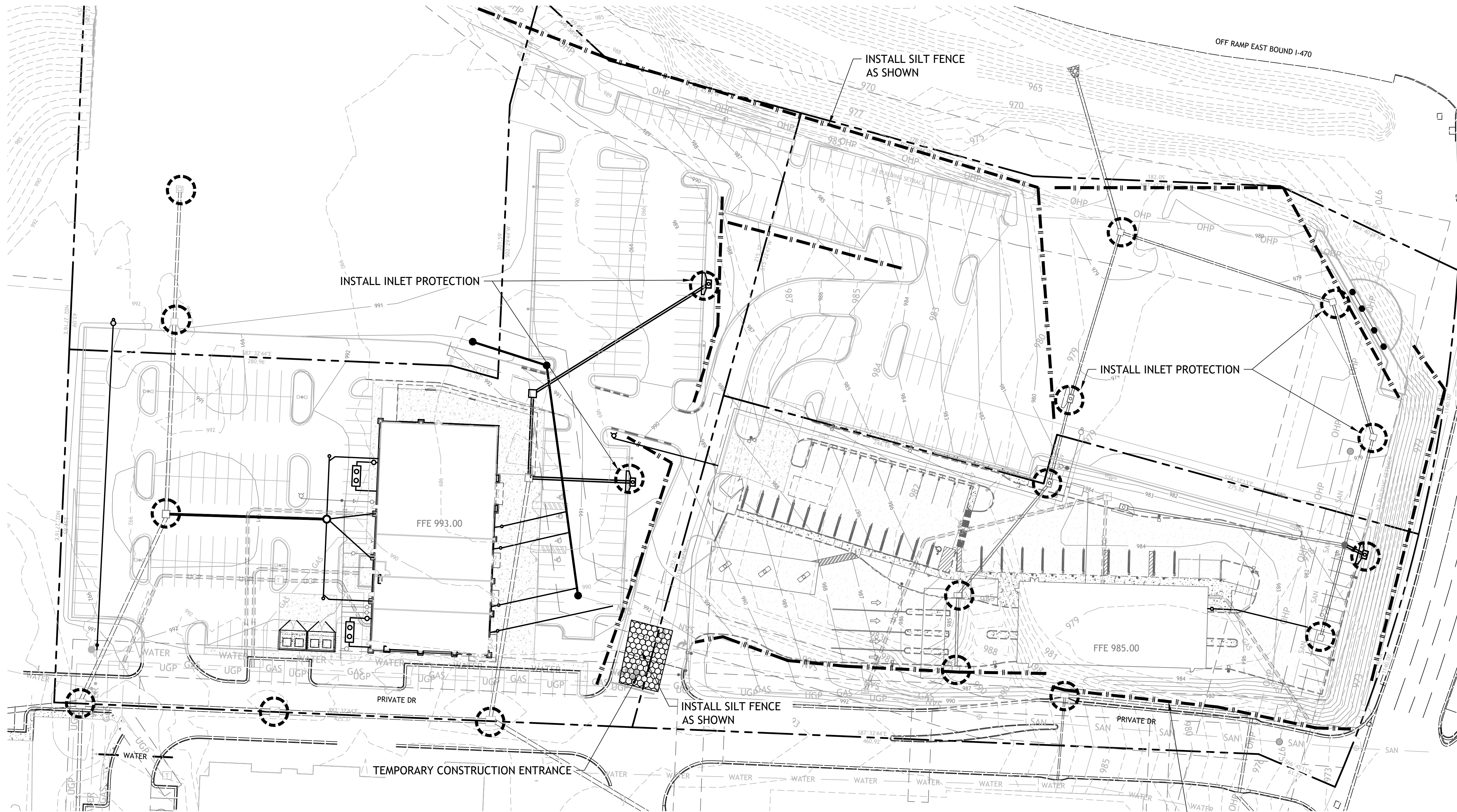
SM Engineering
SME
5507 High Meadow Circle
Manhattan Kansas, 66503
smcivilengr@gmail.com
785.341.9747

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information available to the Engineer. Field
verification of actual elements, conditions,
and dimensions is required.

Revisions
11-29-23 CITY COMMENTS
1-4-24 PER CLIENT
1-16-24 PER EVERGY

LOT 13A OF
WEST PRYOR
LEE'S SUMMIT, MISSOURI

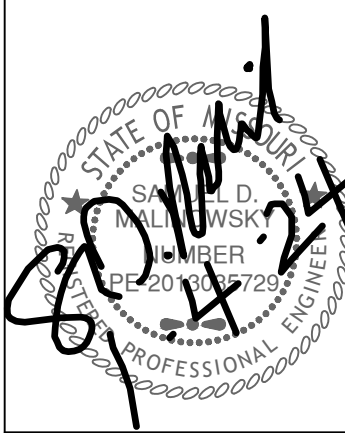
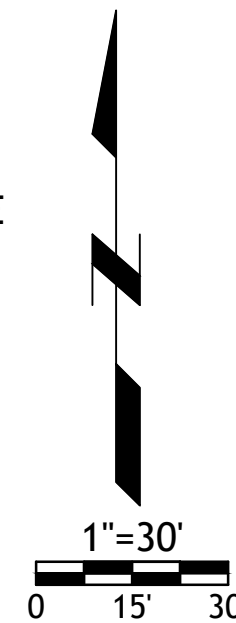
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GRADING PLAN &
permit
19 OCTOBER 2023

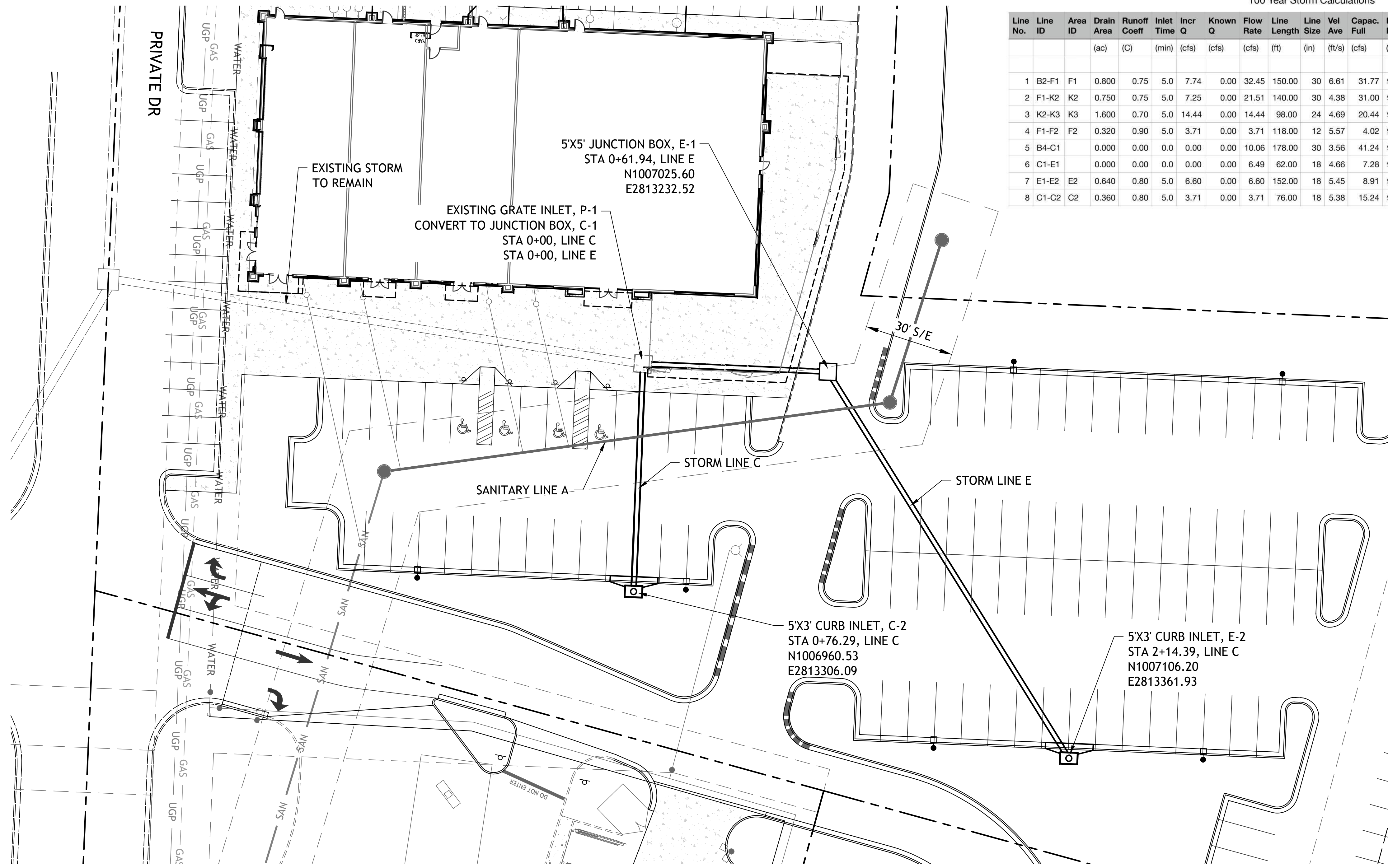


- NOTES:
- Prior to Land Disturbance activities, the following shall occur:
 - Identify the limits of construction on the ground with easily recognizable indications such as construction staking, construction fencing and placement of physical barriers or other means acceptable to the City Inspector and in conformance with the erosion and pollution control plan;
 - Construct a stabilized entrance/parking/staging area;
 - Install perimeter controls and protect any existing stormwater inlets;
 - Request an initial inspection of the installed Phase I pollution control measures designated on the approved erosion and pollution control plan. Land disturbance work shall not proceed until there is a passed inspection MoDNR general requirements
 - The site shall comply with all requirements of the MoDNR general requirements
 - Immediate Initiation of temporary stabilization BMPs on disturbed areas where construction activities have temporarily ceased on that portion of the project site if construction activities will not resume for a period exceeding 14 calendar days. Temporary stabilization may include establishment of vegetation, geotextiles, mulches or other techniques to reduce or eliminate erosion until either final stabilization can be achieved or until further construction activities take place to re-disturb the area. This stabilization must be completed within 14 calendar days;
 - Inspection of erosion and sediment control measures shall be performed to meet or exceed the minimum inspection frequency in the MoDNR General Permit. At a minimum, inspections shall be performed during all phases of construction at least once every 14 days and within 24 hours of each precipitation event.
 - An inspection log shall be maintained and shall be available for review by the regulatory authority;
 - The erosion and pollution control plan shall be routinely updated to show all modifications and amendments to the original plan. A copy of the erosion and pollution control plan shall be kept on site and made available for review by the regulatory authority.
 - Temporary seeding shall only be used for periods not to exceed 12 months. For final stabilization, temporary seeding shall only be used to establish vegetation outside the permanent seeding or sodding dates as specified in the Standard Specifications. Final stabilization requires a uniform perennial vegetative cover with a density of 70% over 100% of disturbed area.
 - Erosion and pollution control shall be provided for the duration of a project. All installed erosion and pollution control BMPs shall be maintained in a manner that preserves their effectiveness. If the City determines that the BMPs in place do not provide adequate erosion and pollution control at any time during the project, additional or alternate measures that provide effective control shall be required.
 - Concrete wash or rinse water from concrete mixing equipment. Tools and/or ready-mix trucks, etc. may not be discharged into or be allowed to run to any existing water body or portion of the storm water system. One or more locations for concrete washout will be designated on site, such that discharges during concrete washout will be contained in a small area where waste concrete can solidify in place. Proper signage will be installed to direct users to the concrete washout. Concrete washouts must be handled prior to pouring any concrete.
 - Silt fences and sediment control BMPs which are shown along the back of curb must be installed within two weeks of curb backfill and prior to placement of base asphalt. Exact locations of these erosion control methods may be field adjusted to minimize conflicts with utility construction. However, anticipated disturbance by utility construction shall not delay installation.
 - Required sediment basins and traps shall be installed as early as possible during mass grading. Sediment basins and traps shall be cleaned out when the sediment capacity has been reduced by 20% of its original design volume.
 - All manufactured BMPs such as erosion control blankets, TRMs, biodegradable logs, filter socks, synthetic sediment barriers and hydraulic erosion control shall be installed as directed by the manufacturer.
 - The above requirements are the responsibility of the permittee for the site. Responsibility may be transferred to another party by the permittee, but the permittee shall remain liable by the City of Lee's Summit if any of the above conditions are not met.

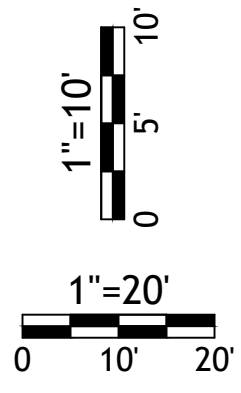
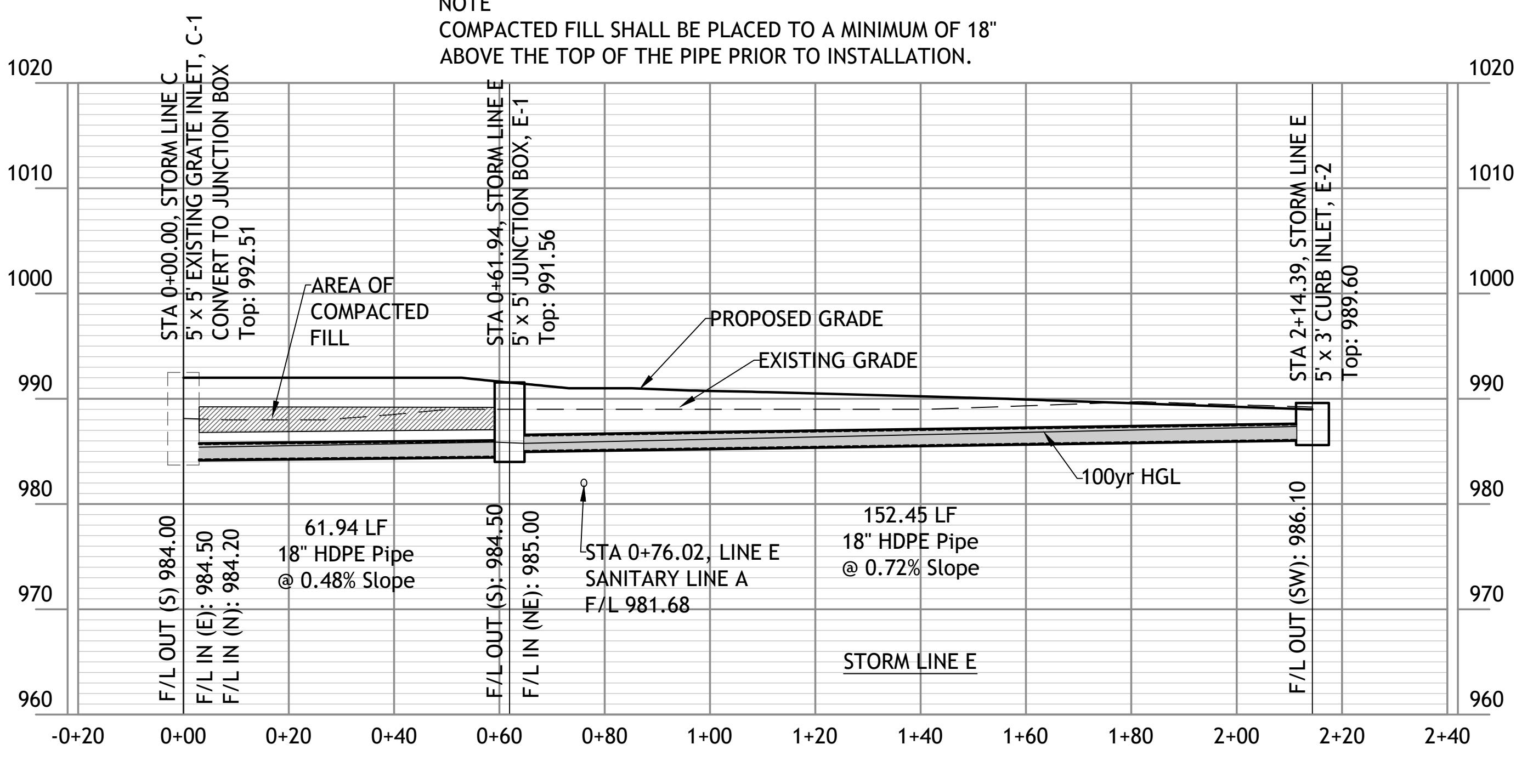
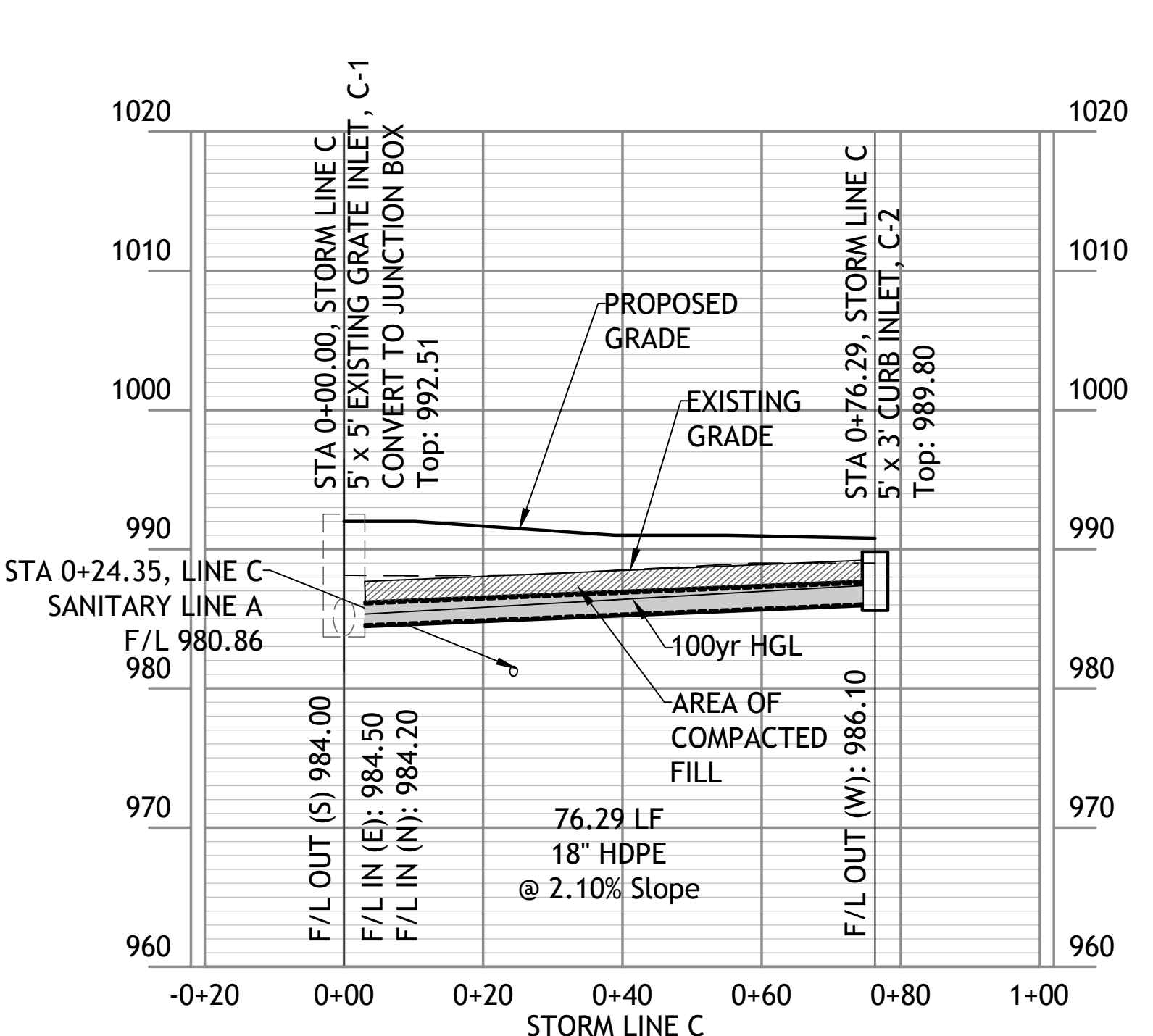
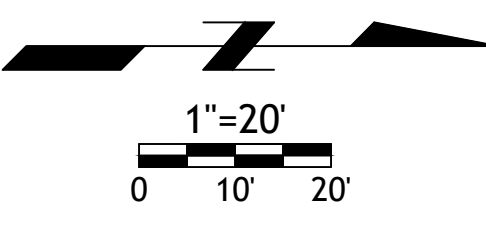
LEGEND

- SILT FENCE
- INLET PROTECTION
- TEMPORARY CONSTRUCTION ENTRANCE





100 Year Storm Calculations																			
Line No.	Line ID	Area ID	Drain Area	Runoff Coeff	Inlet Time	Incr Q	Known Q	Flow Rate	Line Length	Line Size	Vel Ave	Capac. Full	Invert Dn	Invert Up	Line Slope	Grnd/Rim Elev Up	HGL Dn	HGL Up	HGL Junct
			(ac)	(C)	(min)	(cfs)	(cfs)	(cfs)	(ft)	(in)	(ft/s)	(cfs)	(ft)	(ft)	(%)	(ft)	(ft)	(ft)	(ft)
1	B2-F1	F1	0.800	0.75	5.0	7.74	0.00	32.45	150.00	30	6.61	31.77	980.20	981.10	0.60	990.50	982.70	983.59	983.72
2	F1-K2	K2	0.750	0.75	5.0	7.25	0.00	21.51	140.00	30	4.38	31.00	981.30	982.10	0.57	990.50	984.30	984.69	984.75
3	K2-K3	K3	1.600	0.70	5.0	14.44	0.00	14.44	98.00	24	4.69	20.44	982.60	983.40	0.82	990.00	984.89	985.24	985.31
4	F1-F2	F2	0.320	0.90	5.0	3.71	0.00	3.71	118.00	12	5.57	4.02	987.00	988.50	1.27	991.80	987.77	989.32	989.32
5	B4-C1		0.000	0.00	0.0	0.00	0.00	10.06	178.00	30	3.56	41.24	982.20	984.00	1.01	992.50	984.70	985.06	985.06
6	C1-E1		0.000	0.00	0.0	0.00	0.00	6.49	62.00	18	4.66	7.28	984.20	984.50	0.48	991.50	985.30	985.60	985.73
7	E1-E2	E2	0.640	0.80	5.0	6.60	0.00	6.60	152.00	18	5.45	8.91	985.00	986.09	0.72	989.00	985.96	987.08	987.08
8	C1-C2	C2	0.360	0.80	5.0	3.71	0.00	3.71	76.00	18	5.38	15.24	984.50	986.10	2.11	989.80	985.04	986.84	986.84



NOTE
COMPACTED FILL SHALL BE PLACED TO A MINIMUM OF 18"
ABOVE THE TOP OF THE PIPE PRIOR TO INSTALLATION.

SM Engineering

5507 High Meadow Circle
Manhattan Kansas, 66503
smcivilengr@gmail.com
785.341.9747

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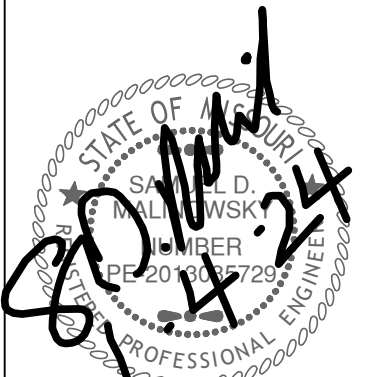
Revisions
11-29-23 CITY COMMENTS
1-4-24 PER CLIENT

LOT 13A OF
WEST PRYOR

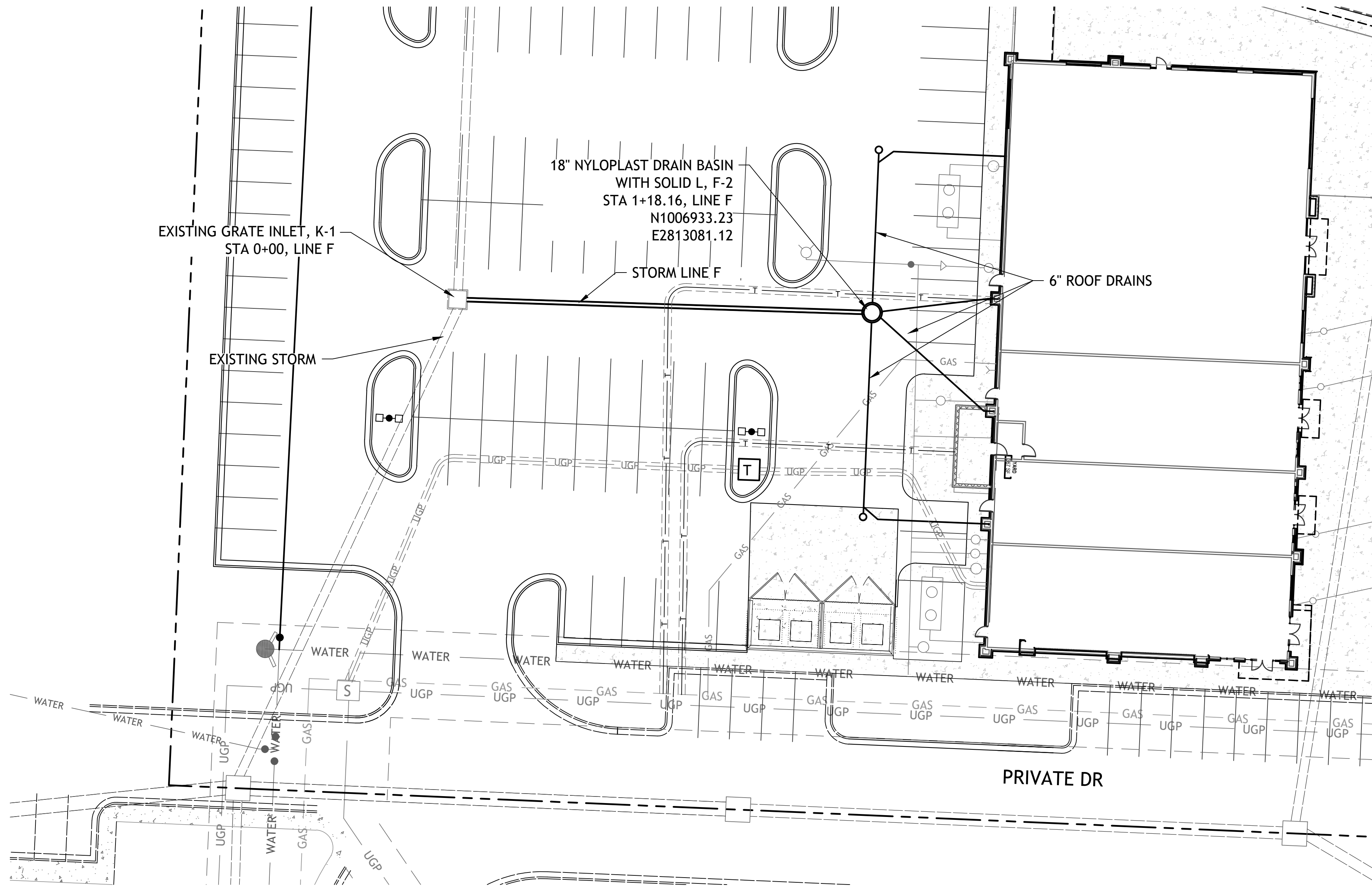
LEES SUMMIT, MISSOURI

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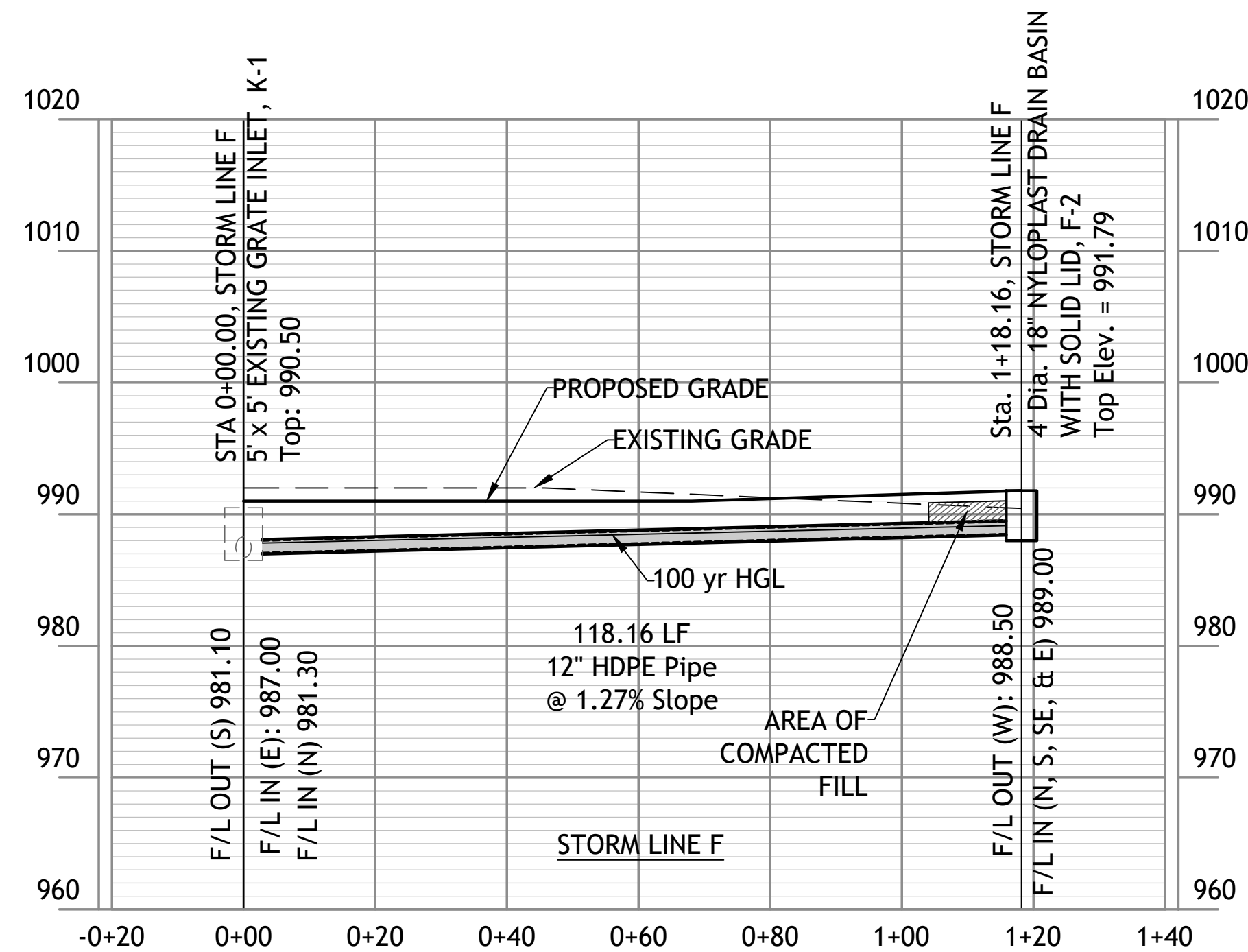
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PLAN AND PROFILE
P&M
19 OCTOBER 2023



Revisions
11-29-23 CITY COMMENTS
1-4-24 PER CLIENT

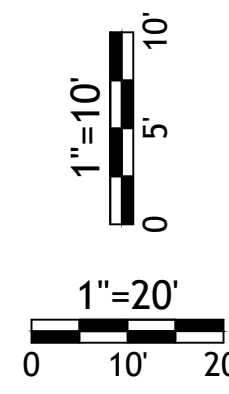


NOTE
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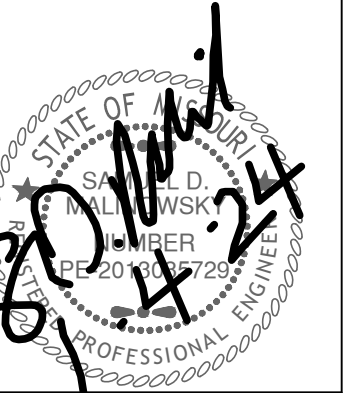
100 Year Storm Calculations

Line No.	Line ID	Area ID	Drain Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Incr Q (cfs)	Known Q (cfs)	Flow Rate (cfs)	Line Length (ft)	Line Size (in)	Vel Ave (ft/s)	Capac. Full (cfs)	Invert Dn (ft)	Invert Up (ft)	Line Slope (%)	Grnd/Rim Elev Up (ft)	HGL Dn (ft)	HGL Up (ft)	HGL Junct (ft)
1	B2-F1	F1	0.800	0.75	5.0	7.74	0.00	32.45	150.00	30	6.61	31.77	980.20	981.10	0.60	990.50	982.70	983.59	983.72
2	F1-K2	K2	0.750	0.75	5.0	7.25	0.00	21.51	140.00	30	4.38	31.00	981.30	982.10	0.57	990.50	984.30	984.69	984.75
3	K2-K3	K3	1.600	0.70	5.0	14.44	0.00	14.44	98.00	24	4.69	20.44	982.60	983.40	0.82	990.00	984.89	985.24	985.31
4	F1-F2	F2	0.320	0.90	5.0	3.71	0.00	3.71	118.00	12	5.57	4.02	987.00	988.50	1.27	991.80	987.77	989.32	989.32
5	B4-C1		0.000	0.00	0.0	0.00	0.00	10.06	178.00	30	3.56	41.24	982.20	984.00	1.01	992.50	984.70	985.06	985.06
6	C1-E1		0.000	0.00	0.0	0.00	0.00	6.49	62.00	18	4.66	7.28	984.20	984.50	0.48	991.50	985.30	985.60	985.73
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8	C1-C2	C2	0.360	0.80	5.0	3.71	0.00	3.71	76.00	18	5.38	15.24	984.50	986.10	2.11	989.80	985.04	986.84	986.84

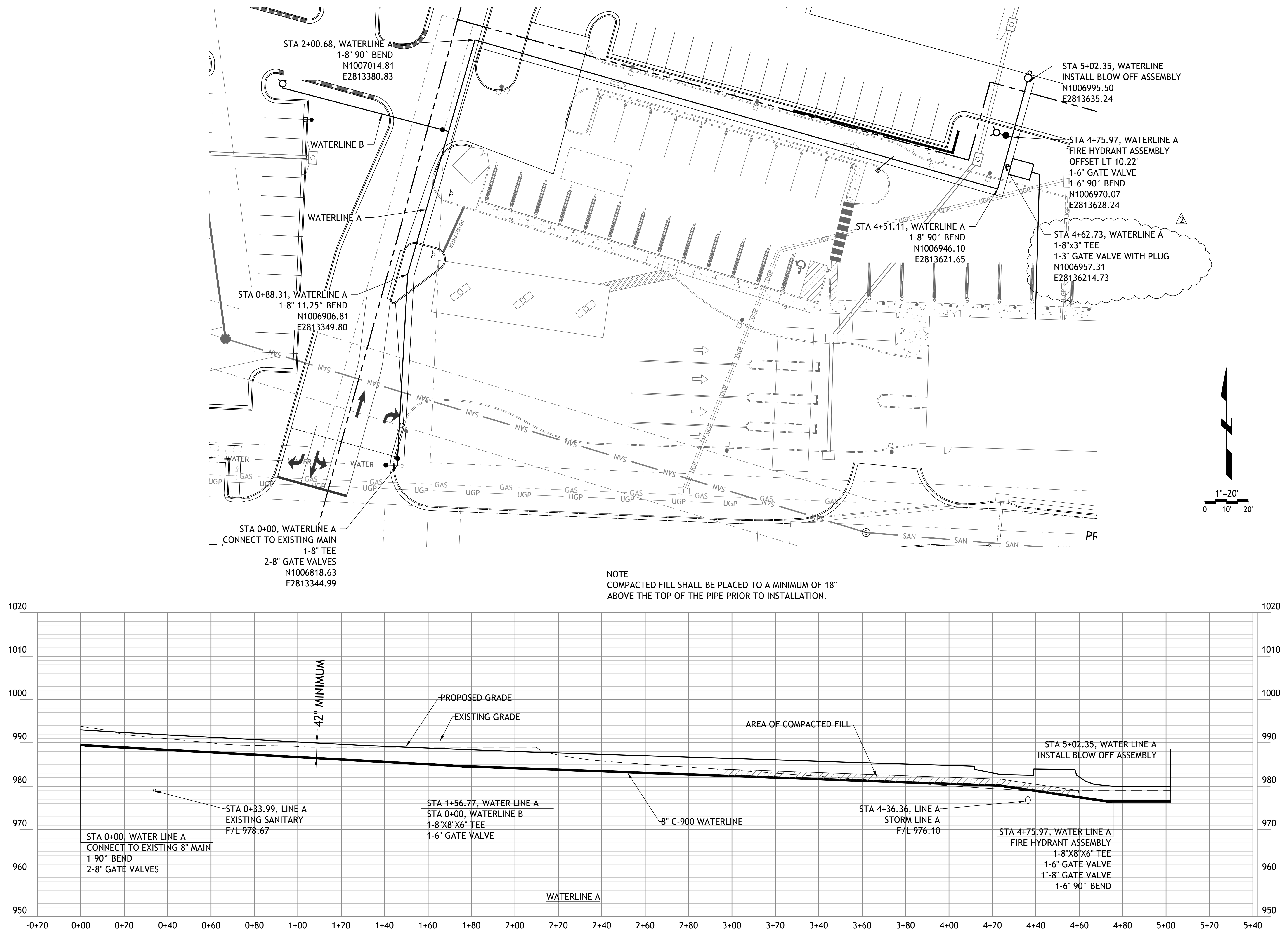


LOT 13A OF
WEST PRYOR
LEES SUMMIT, MISSOURI

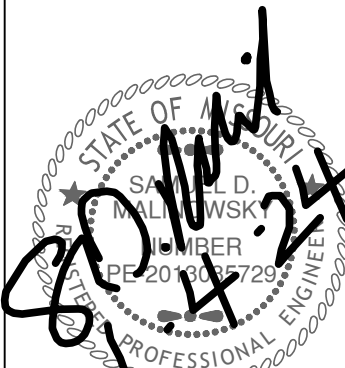
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Revisions
 L-29-23 CITY COMMENTS
 4-24 PER CLIENT



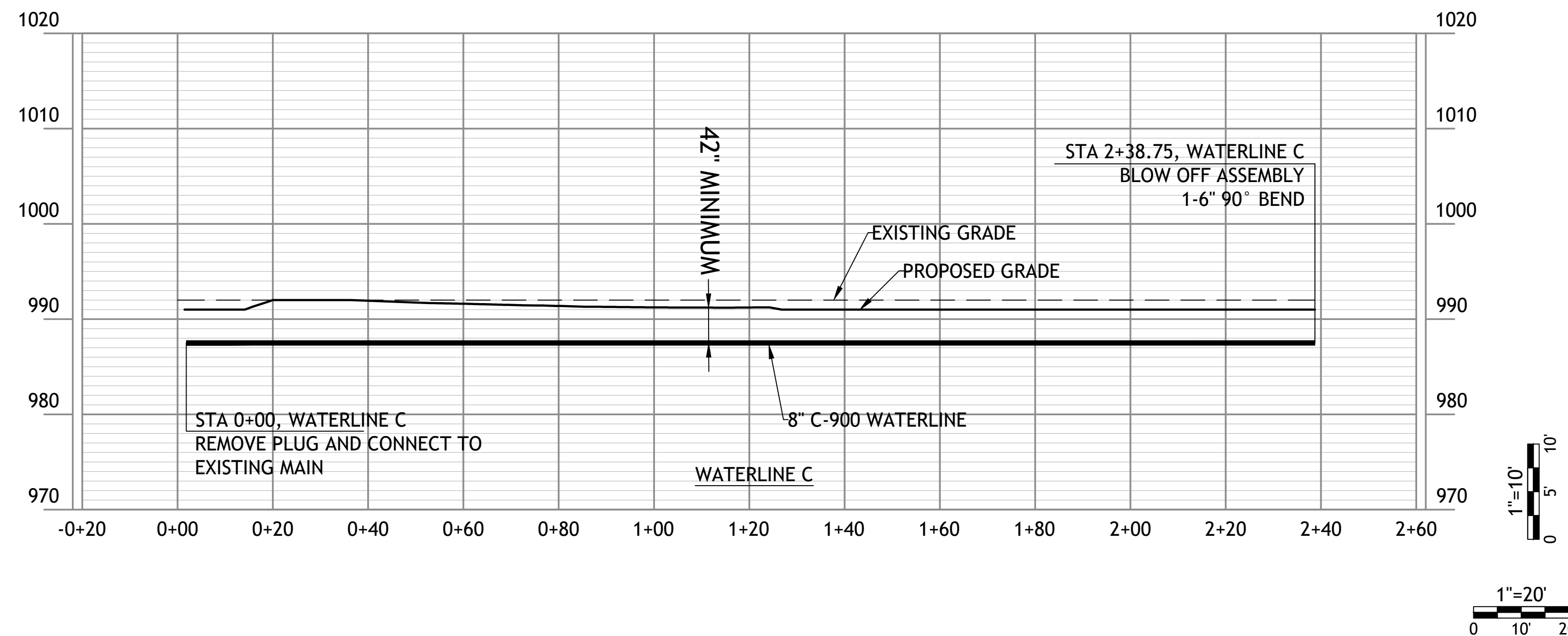
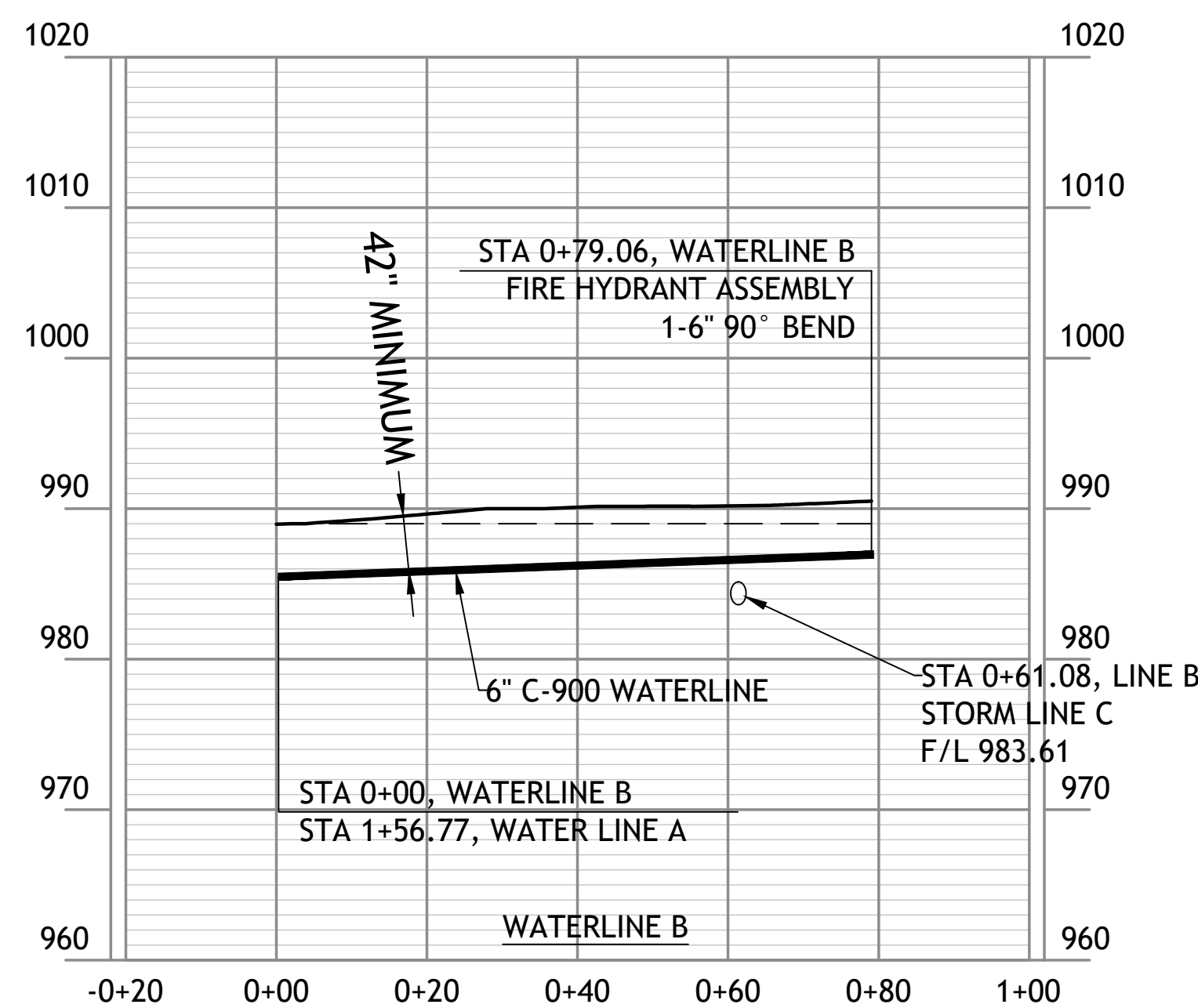
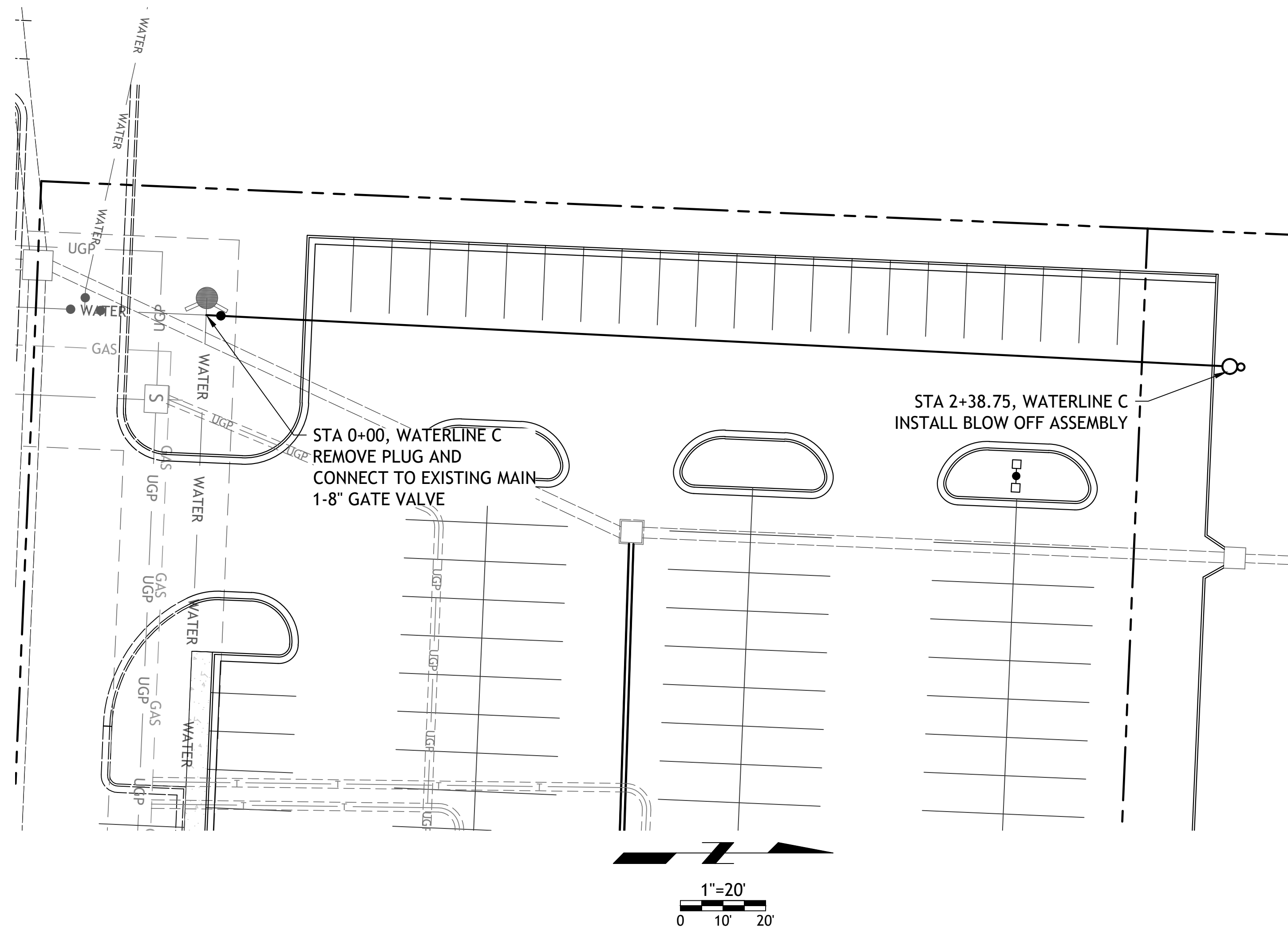
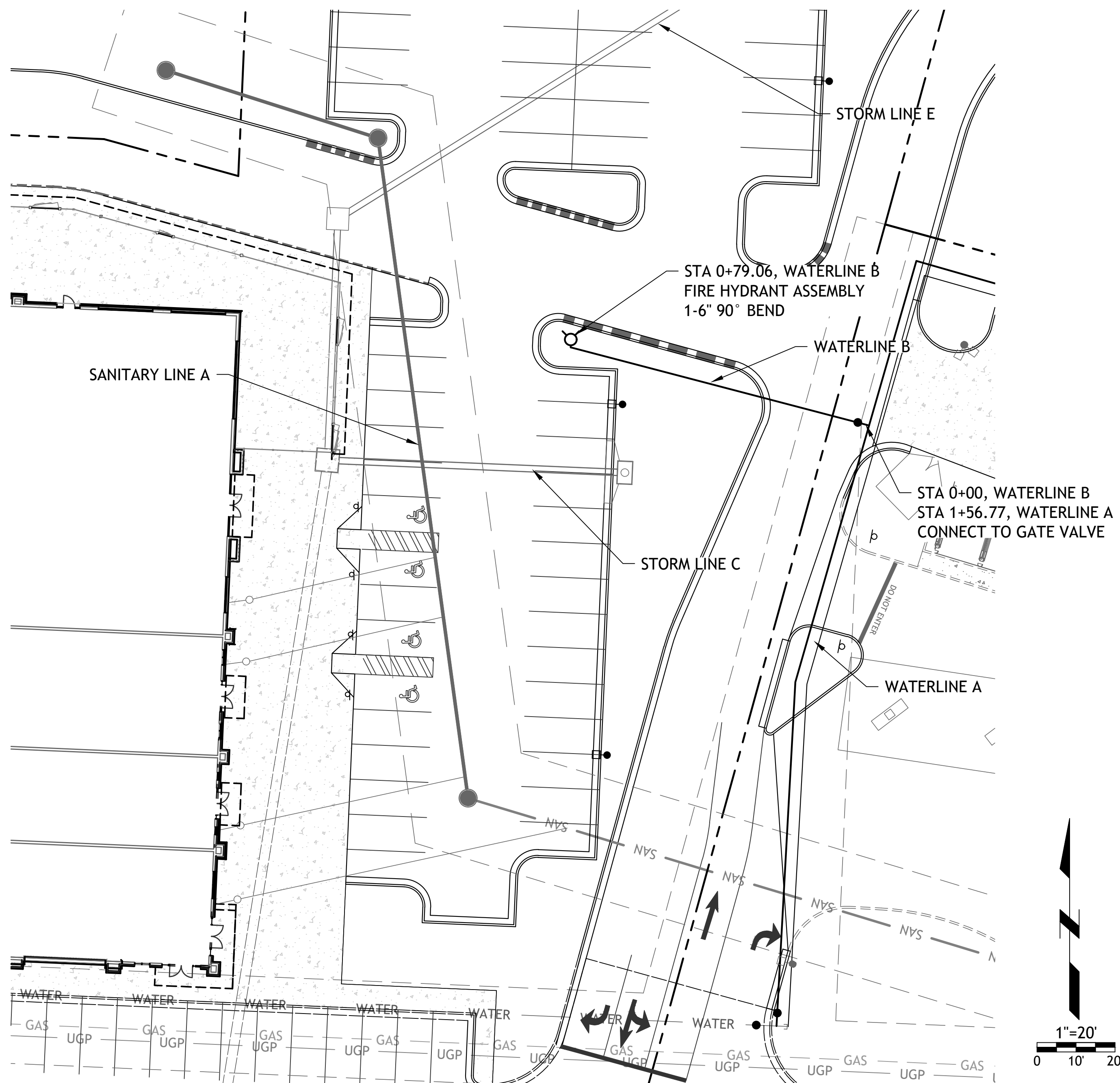
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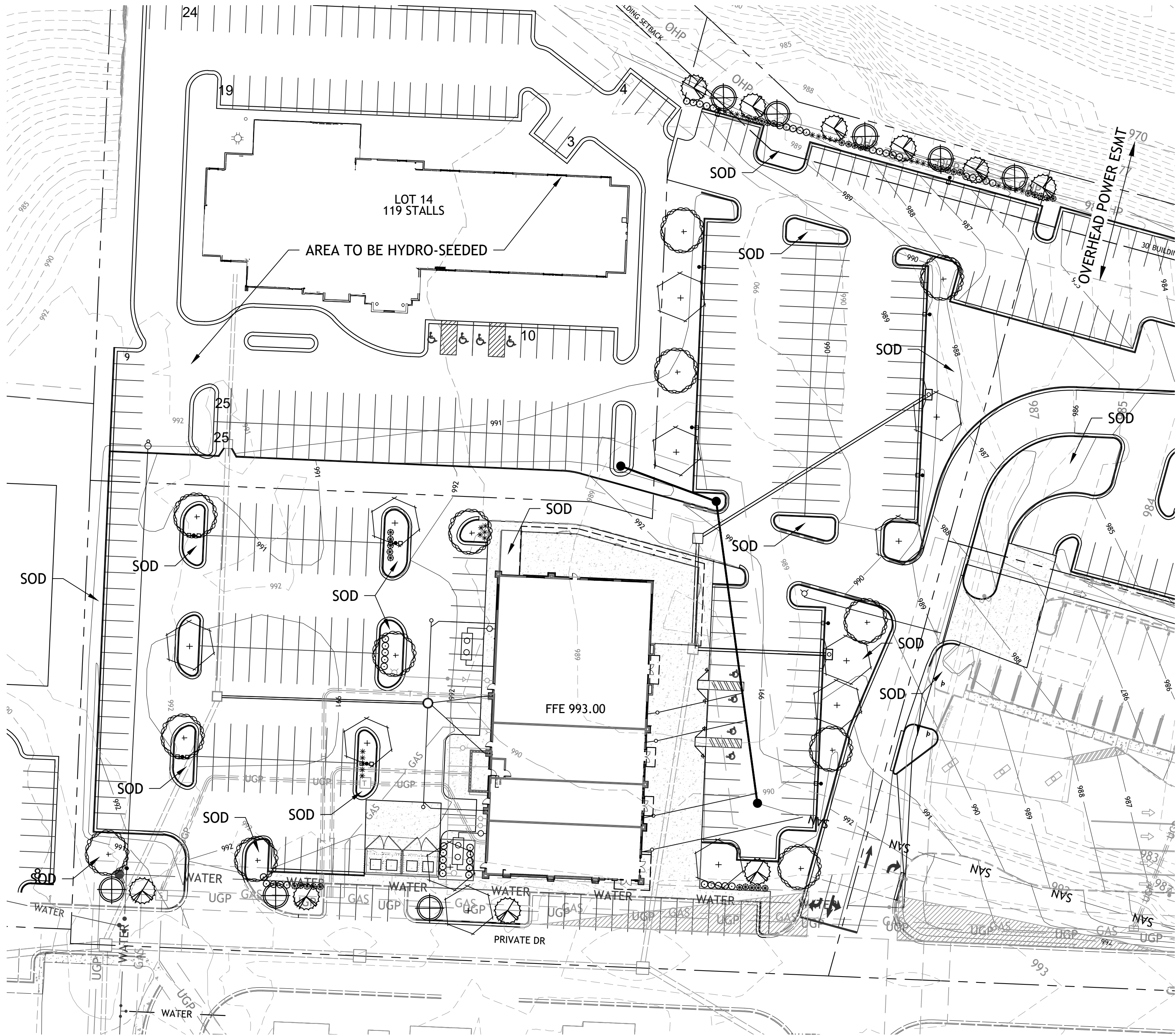


Revisions
11-29-23 CITY COMMENTS
1-4-24 PER CLIENT

LOT 13A OF
WEST PRYOR
LEES SUMMIT, MISSOURI

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Civil
WATERLINE B & C
PLAN AND PROFILE
19 OCTOBER 2023





LANDSCAPE NOTES
CONTRACTOR REQUIRED TO LOCATE ALL UTILITIES BEFORE INSTALLATION TO BEGIN.

Contractor shall verify all landscape material quantities and shall report any discrepancies to the Landscape Architect prior to installation.

No plant material substitutions are allowed without Landscape Architect or Owners approval.

Contractor shall guarantee all landscape work and plant material for a period of one year from date of acceptance of the work by the Owner. Any plant material which dies during the one year guarantee period shall be replaced by the contractor during normal planting seasons.

Contractor shall be responsible for maintenance of the plants until completion of the job and acceptance by the Owner.

Successful landscape contractor shall be responsible for design that complies with minimum irrigation requirements, and installation of an irrigation system. Irrigation system to be approved by the owner before starting any installation.

All plant material shall be specimen quality stock as determined in the "American Standards For Nursery Stock" published by The American Association of Nurseryman, free of plant diseases and pest, of typical growth of the species and having a healthy, normal root system.

Sizes indicated on the plant list are the minimum, acceptable size. In no case will sizes less than specified be accepted.

All shrub beds within lawn areas to receive a manicured edge.

All shrub beds shall be mulched with 3" of shredded chocolate mulch.

All sod areas to be fertilized & sodded with a Turf-Type-Tall Fescue seed blend.

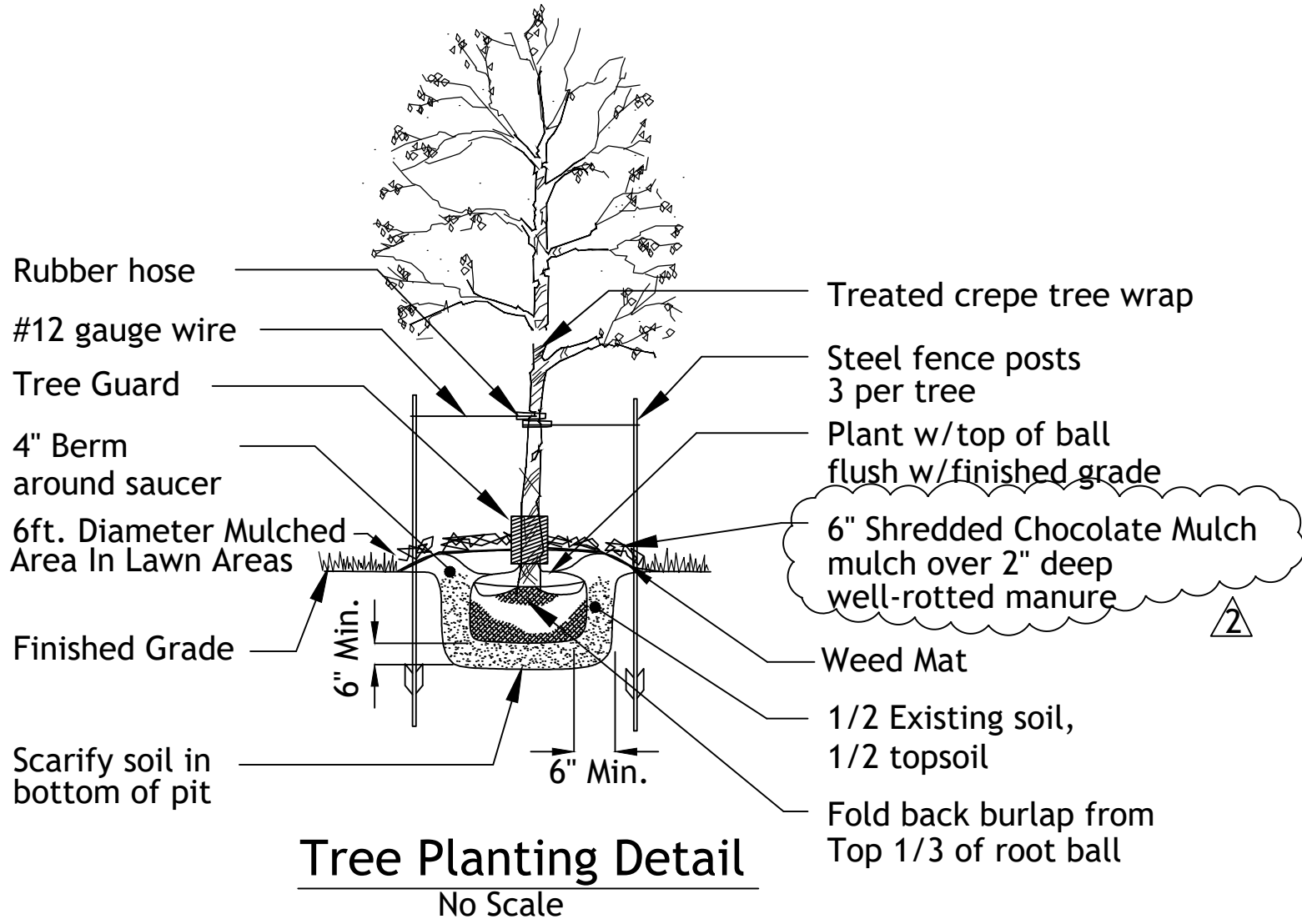
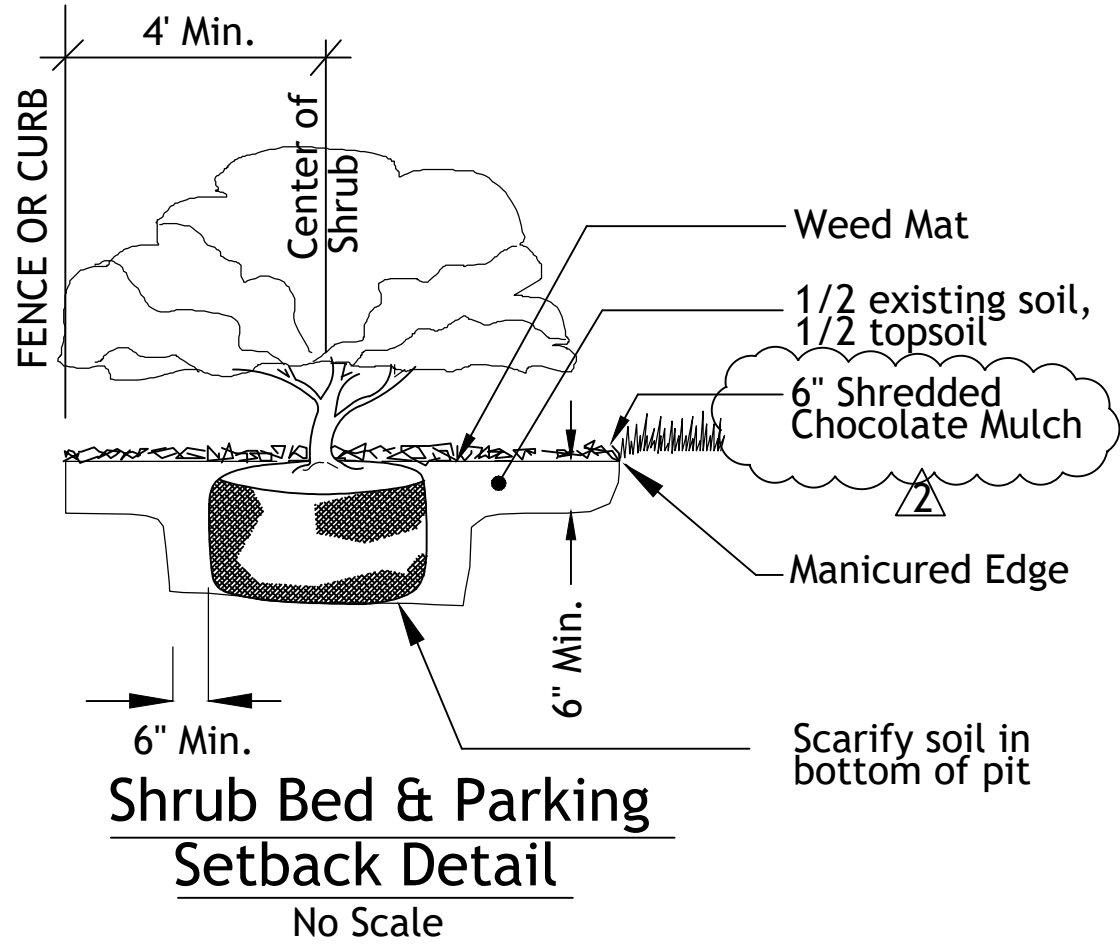
All areas to be sodded unless noted otherwise.

All seed areas shall be hydro-seeded with a Turf-Type-Tall Fescue seed blend.

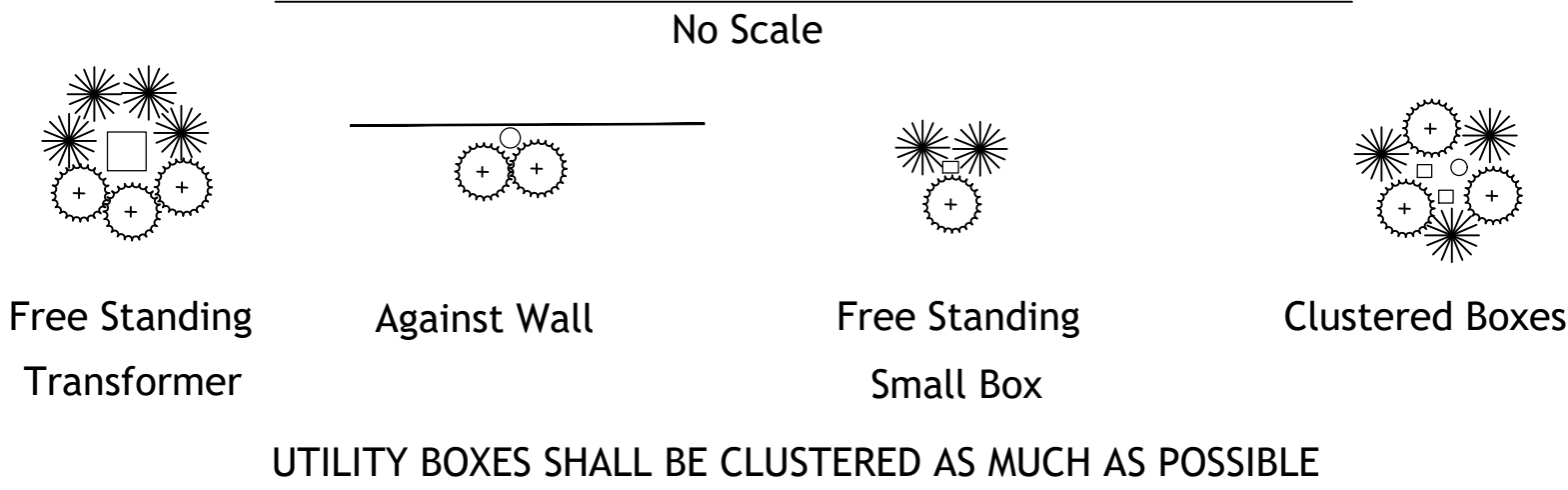
IRRIGATION NOTE
1. SUCCESSFUL LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN THAT COMPLIES WITH MINIMUM IRRIGATION REQUIREMENTS, AND INSTALLATION OF AN IRRIGATION SYSTEM. IRRIGATION SYSTEM TO BE APPROVED BY THE OWNER BEFORE STARTING ANY INSTALLATION.
2. IRRIGATION SYSTEM SHALL PROVIDE A CONSTANT ON ON ZONE FOR FOUNTAIN
3. IRRIGATION CONTROLLER TO BE MOUNTED ON OUTSIDE WALL OF BUILDING. PROVIDE TEMPORARY SUPPORT PRIOR TO BUILDING CONSTRUCTION.
4. ALL AREAS WITHIN LOT 11 & 13 BOUNDARY TO BE IRRIGATED

MOWING NOTE
CONTRACTOR SHALL BE RESPONSIBLE FOR FIRST 2 MOWINGS OF ALL AREAS OF GRASS

LOT 13	216'
470 HWY	
REQUIRED:	
STREET TREES 1/30'	= 7
SHRUBS 1/20'	= 11
PROVIDED:	
ORNAMENTALS	= 11
SHRUBS	= 60
PRIVATE DR (SOUTH)	425'
REQUIRED:	
STREET TREES 1/30'	= 14
SHRUBS 1/20'	= 21
PROVIDED:	
SHADE	= 7
ORNAMENTALS	= 7
SHRUBS	= 30
INTERIOR PARKING	
TOTAL PARKING SURFACE=	80,928 SF
REQUIRED	
5% LANDSCAPE AREA	= 4,046 SF
PROVIDED	= 5,530 SF
OPEN SPACE TREES	
OPEN SPACE	30,819SF
REQUIRED	
TREES 1 / 5,000SF	= 6
SHRUBS 2 / 5,000SF	= 12
PROVIDED	
SHADE TREES	= 17
SHRUBS	= 20



Typical Utility Box Screening Details



Tree List

Symbol	Quantity	Common Name	Botanical Name	Size	Condition	Spacing
	12	October Glory Maple	Acer Rubrum 'October Glory'	3" cal	BB	As Shown
	12	Skyline Honeylocust	Gleditsia Triacanthos 'Skyline'	3" cal	BB	As Shown
	10	Jane Magnolia Tree	Magnolia x 'Jane'	3"cal	BB	As Shown
	8	Black Diamond Purely Purple Crape Myrtle	Lagerstroemia x 'Purely Purple'	3"cal	BB	As Shown

Shrub List	Symbol	Quantity	Common Name	Botanical Name	Size	Condition	Spacing
	—	45	Seagreen Juniper	Juniperus Chinensis 'Seagreen'	18"-24"sp.	Cont.	4'o.c.
	—	35	Dwarf Winged Euonymus	Euonymus Alatus 'Compactus'	18"-24"sp.	Cont.	4'o.c.
	—	30	Morning Light Maiden Grass	Miscanthos Sinensis 'Morning Light'	18"-24"sp.	Cont.	4'o.c.

SM Engineering
SAE
5507 High Meadow Circle
Manhattan Kansas, 66503
smcivlengr@gmail.com
785.341.9747

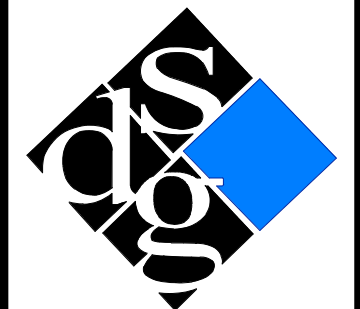
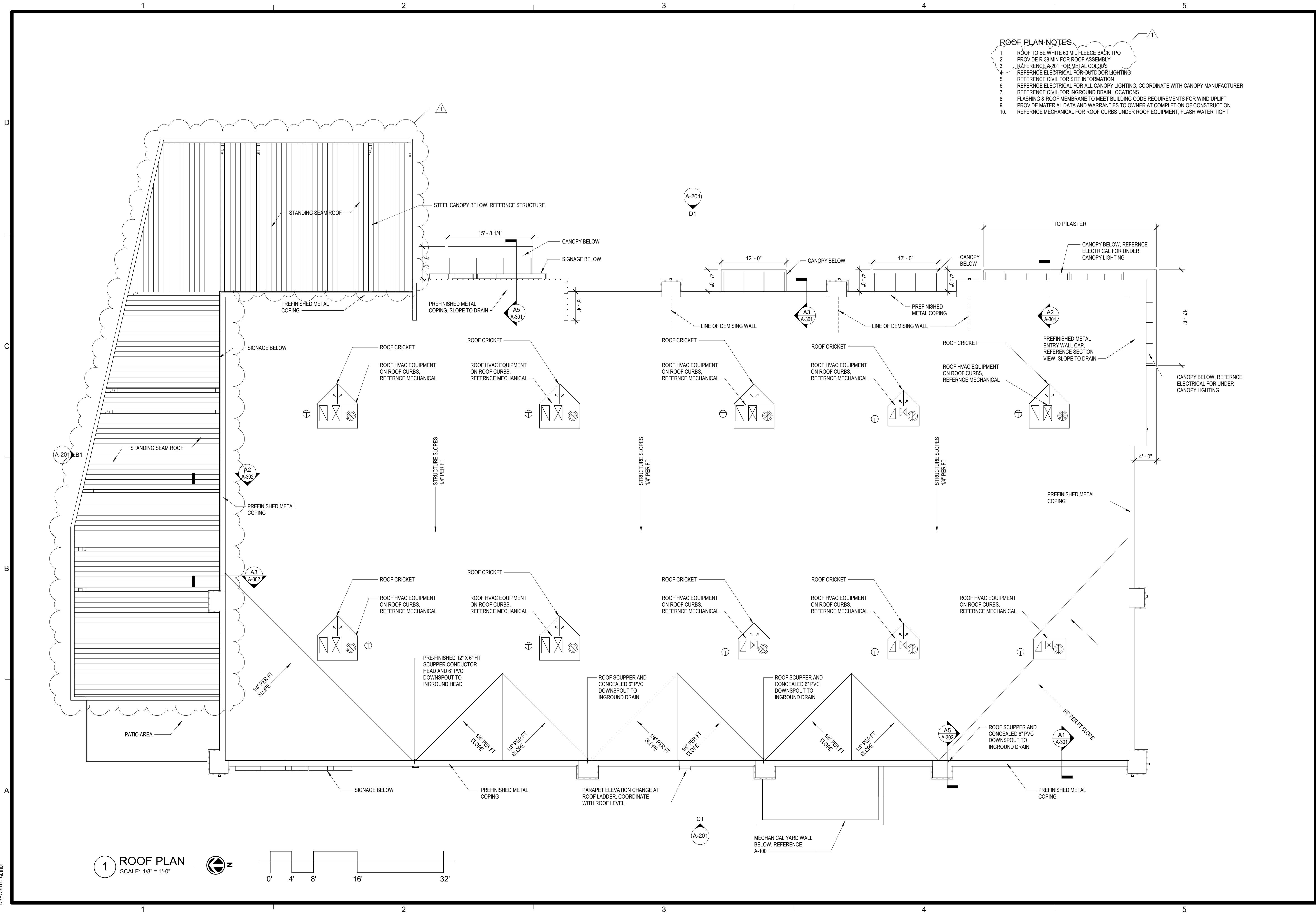
Drawings and/or Specifications are original proprietary work and property of the Engineer and intended specifically for this project. Use of items contained herein without consent of the Engineer is prohibited. Drawings illustrate best information available to the Engineer. Field verification of actual elements, conditions, and dimensions is required.

Revisions
11-29-23 CITY COMMENTS
1-4-24 PER CLIENT
1-16-24 PER EVERGY

LOT 13A OF
WEST PRYOR
LEE'S SUMMIT, MISSOURI

s h e e t
L-1
Civil
LANDSCAPE PLAN
permit
19 OCTOBER 2023

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architecture | interiors | planning
2231 sw wanamaker rd. suite 303
topeka, kansas 66614-4275
phone: 785.273.7540
fax: 785.273.7579
500 north broadway. suite 200
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



MICHAEL K. HAMPTON
ARCHITECT (MO# A-208027042)
SCHWERDT DESIGN GROUP INC
MISSOURI STATE CERTIFICATE
OF AUTHORITY #00353876

CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 13
1020 NW PRYOR ROAD, LEES SUMMIT, MISSOURI

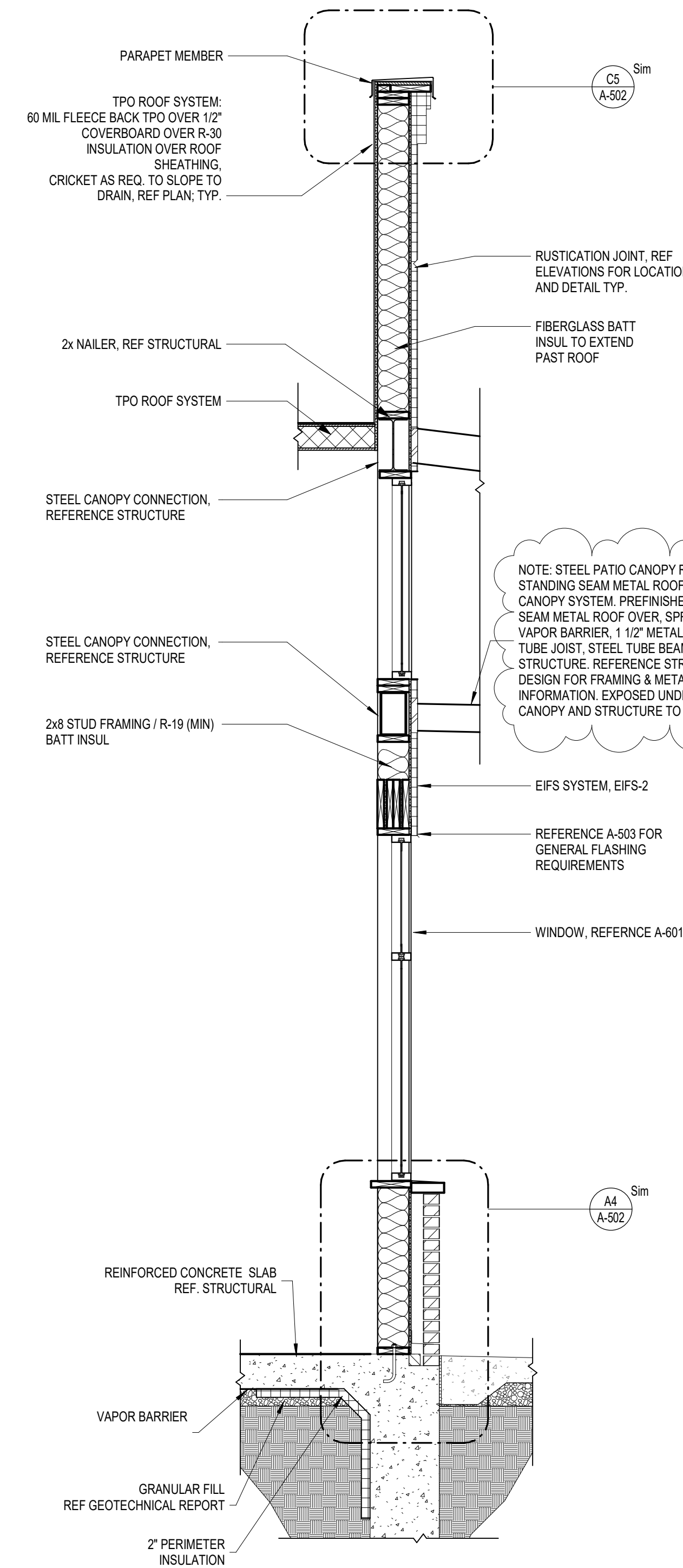
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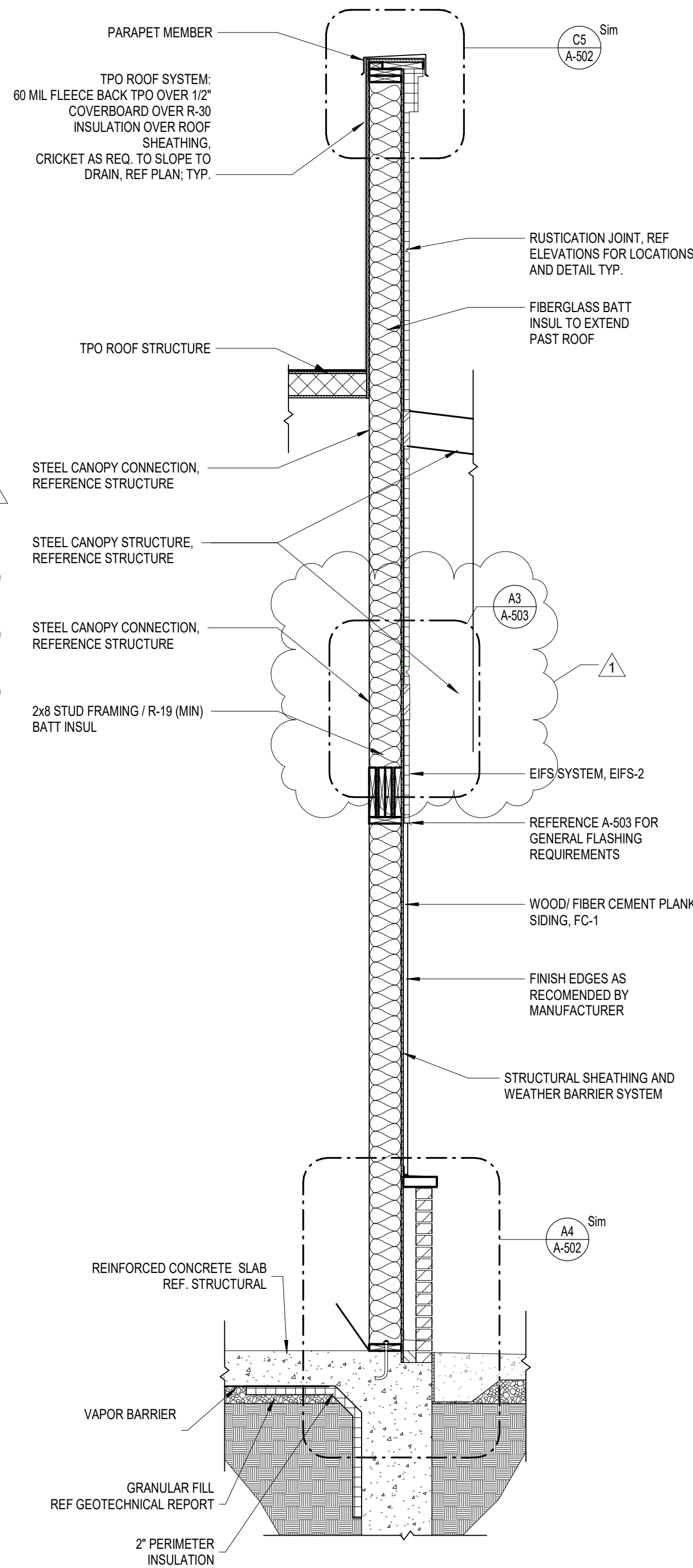
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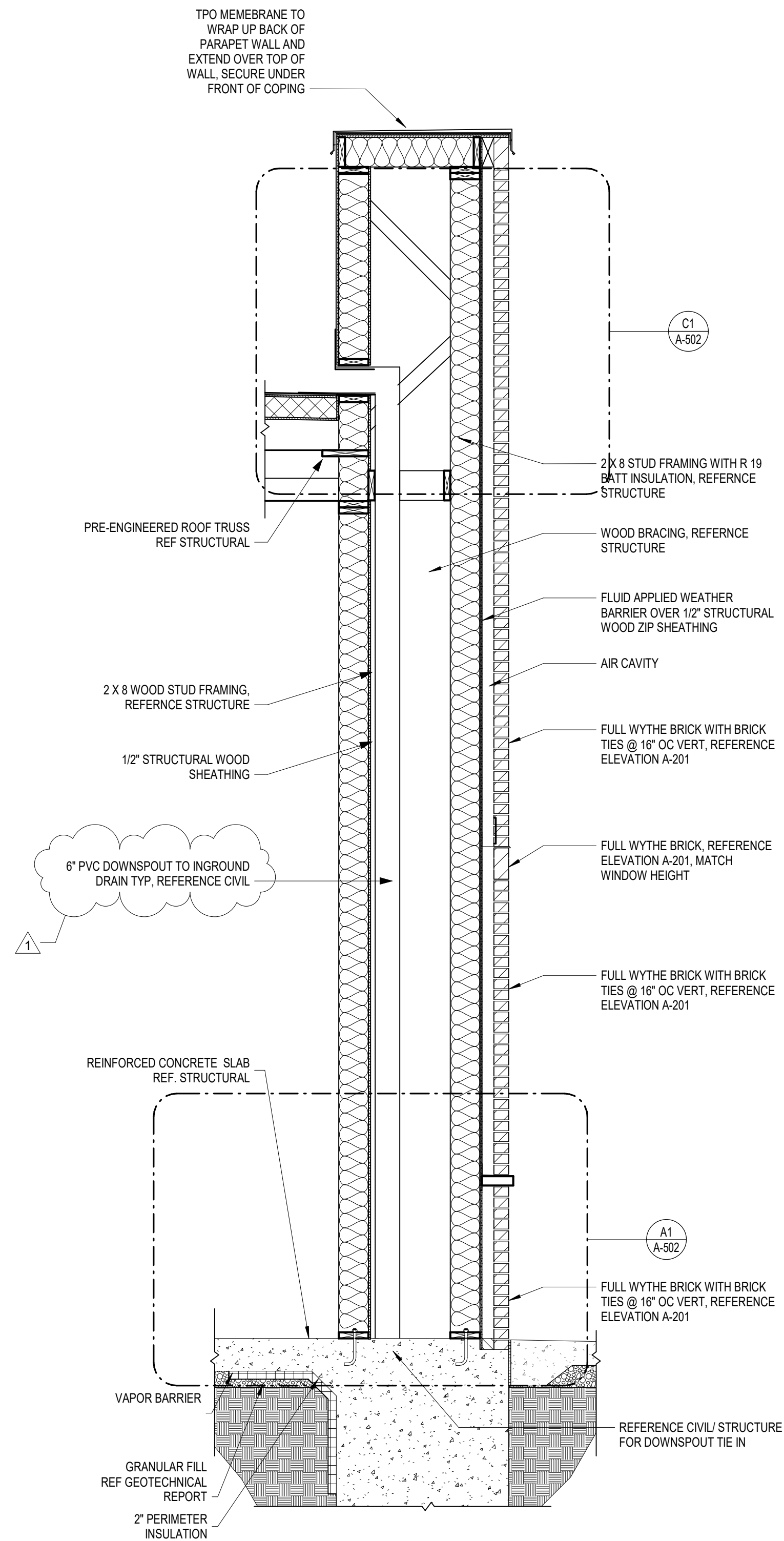
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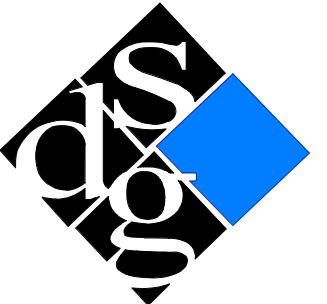
A2 TENANT A NORTH WALL SECTION @ WINDOWS
SCALE: 1/2" = 1'-0"



A3 TEANAT A NORTH WALL SECTION
SCALE: 1/2" = 1'-0"



A5 TENANT C WEST WALL SECTION
SCALE: 1/2" = 1'-0"



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architecture | interiors | planning
2231 sw wanamaker rd. suite 303
topeka, kansas 66614-4275
phone: 785.273.7540
fax: 785.273.7579
500 north broadway suite 200
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



MICHAEL K. HAMPTON
ARCHITECT (MO# A-2008027042)
SCHWERDT DESIGN GROUP INC
MISSOURI STATE CERTIFICATE
OF AUTHORITY #00353876

CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 13
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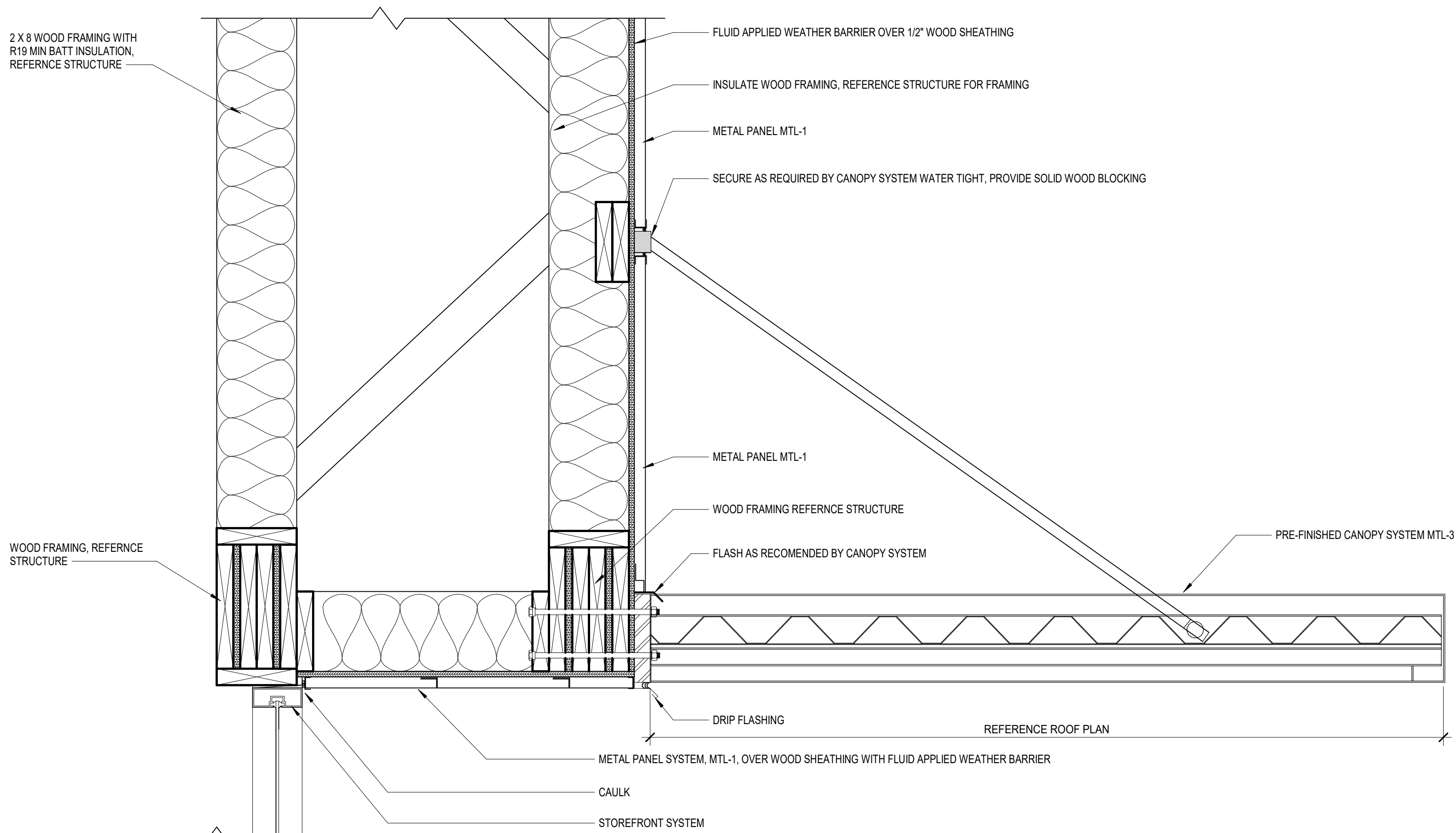
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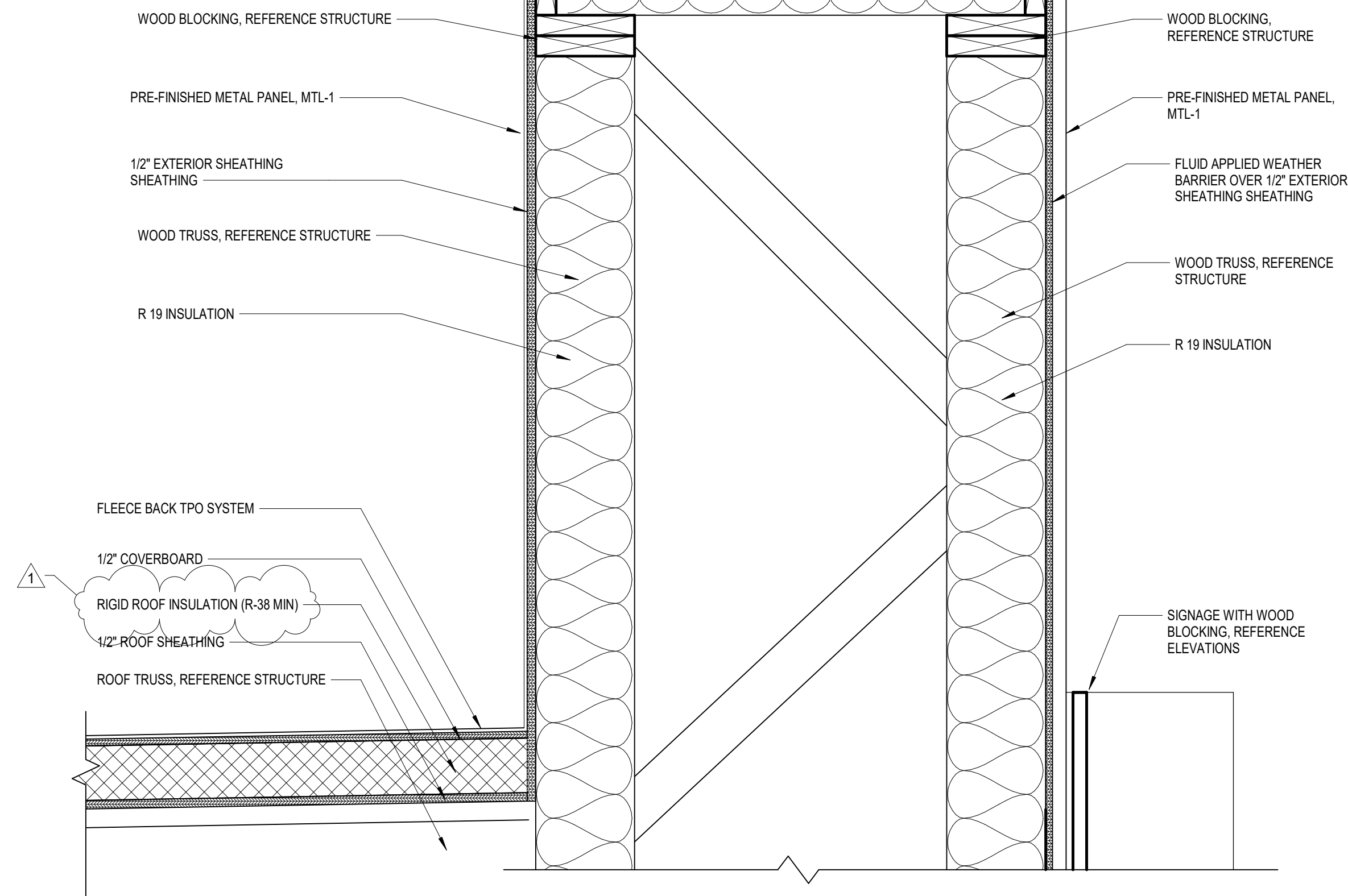
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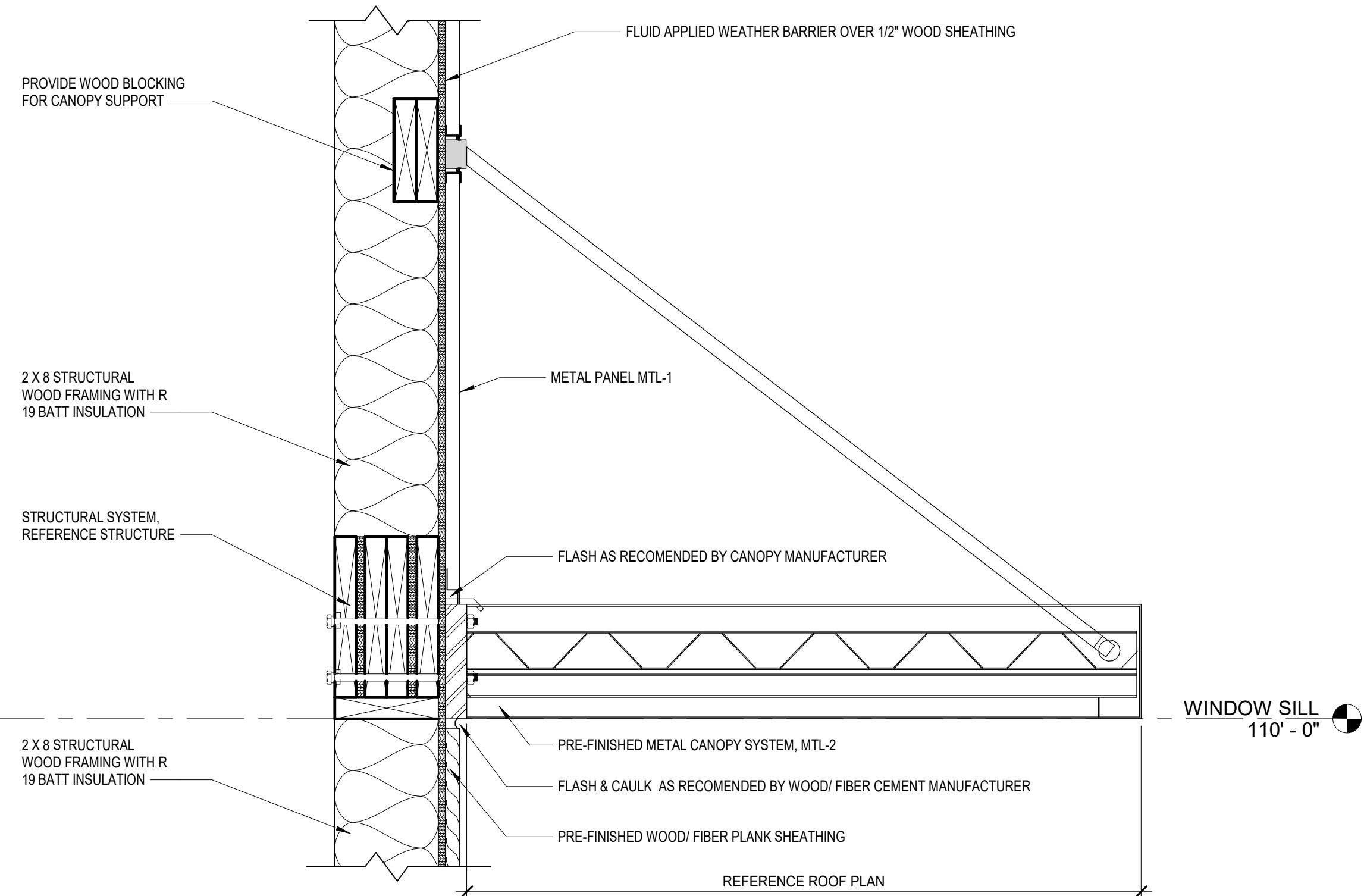
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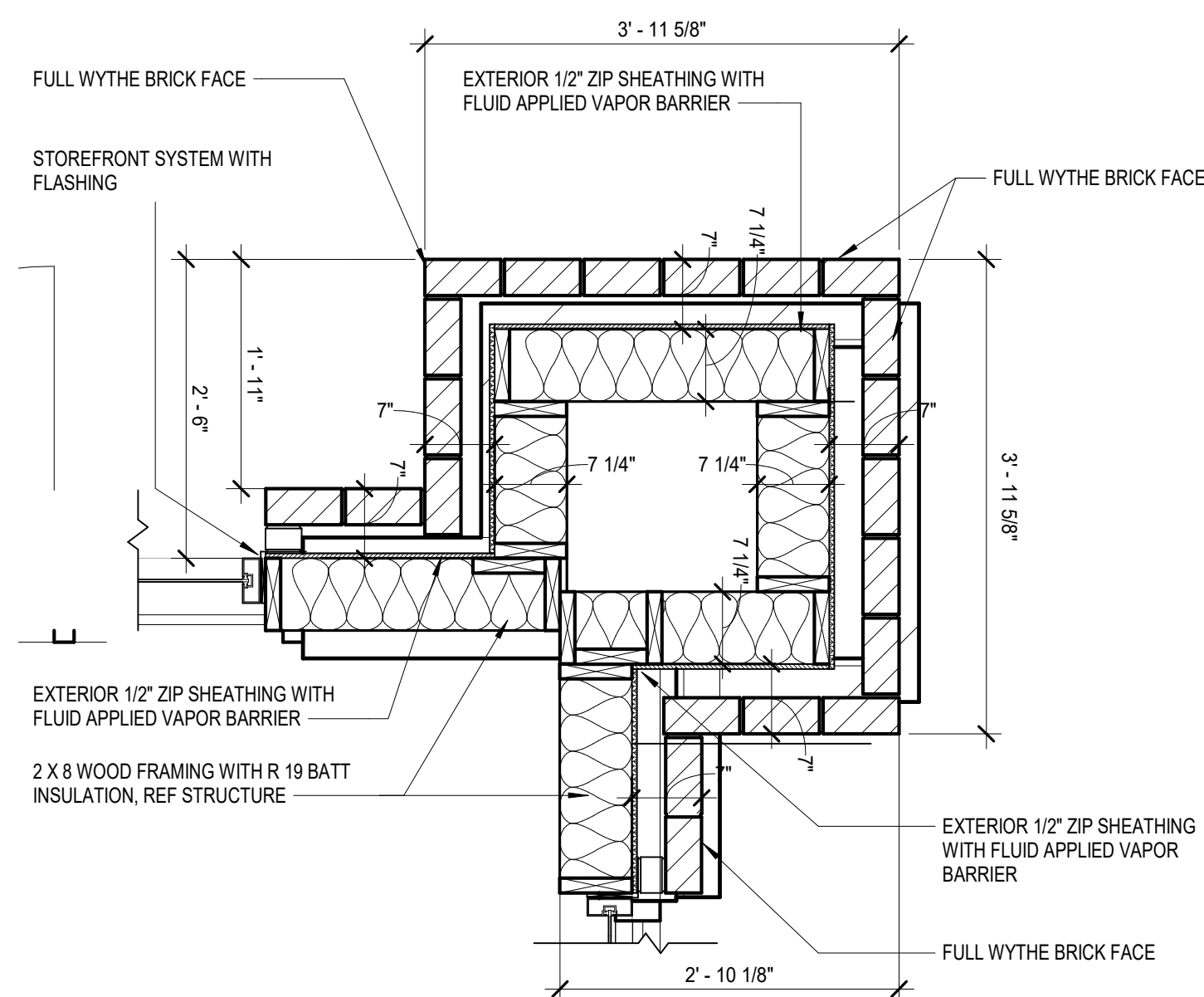
C1 CANOPY SECTION @ TENANT G
SCALE: 1 1/2" = 1'-0"



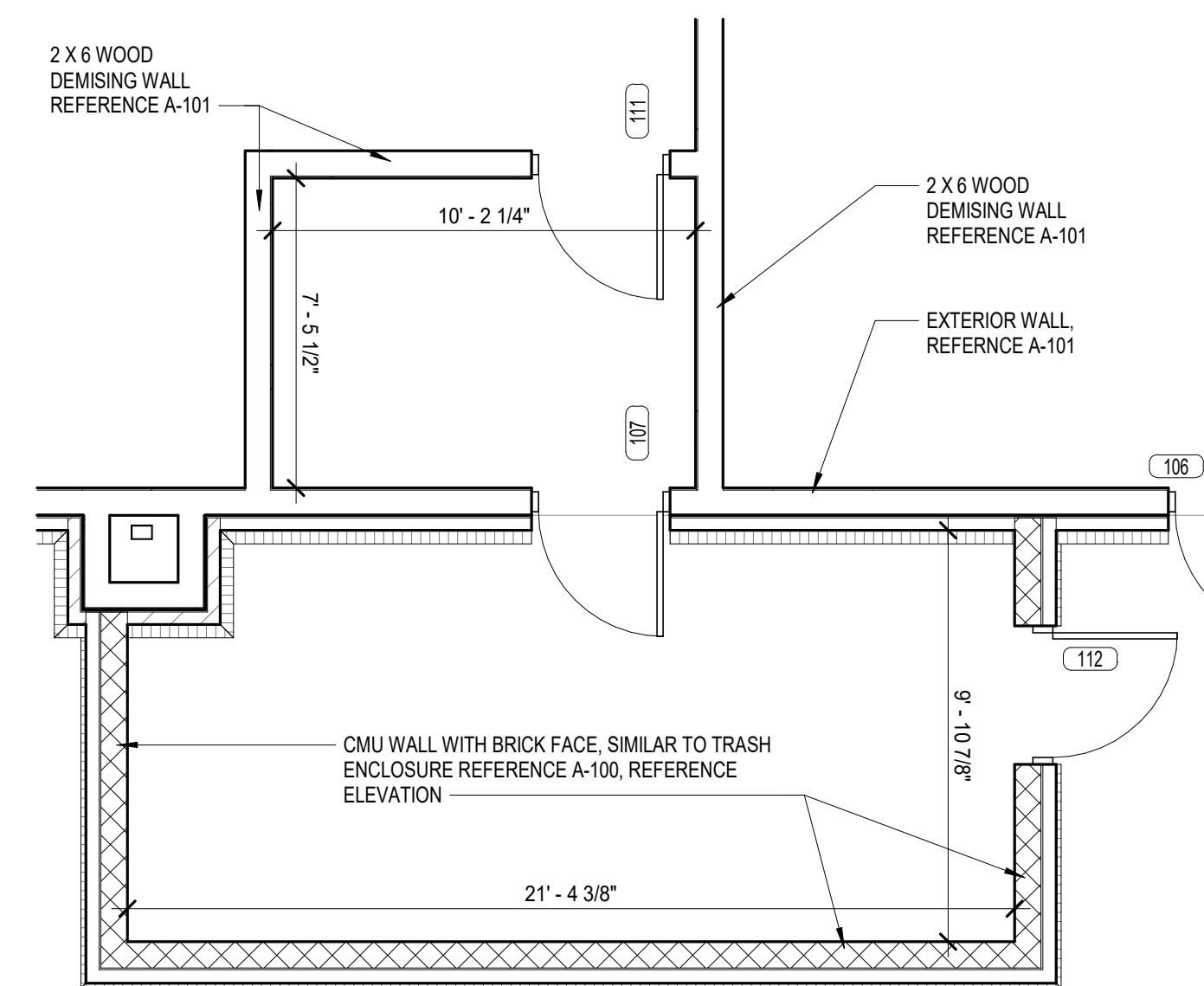
B4 EAST PARAPET @ TENANT G
SCALE: 1 1/2" = 1'-0"



A1 CANOPY SECTION @ TENANT A
SCALE: 1 1/2" = 1'-0"



A3 SOUTHEAST BUILDING CORNER ENLARGED PLAN
SCALE: 3/4" = 1'-0"



A5 MECHANICAL YARD ENLARGED PLAN
SCALE: 1/4" = 1'-0"



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2231 sw wanamaker rd. suite 303
topeka, kansas 66614-4275
phone: 785.273.7540
fax: 785.273.7579
500 north broadway suite 200
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



MICHAEL K. HAMPTON
ARCHITECT (MO# A-2008027042)
SCHWERDT DESIGN GROUP INC
MISSOURI STATE CERTIFICATE
OF AUTHORITY #000353876

CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 13
1020 NW PRYOR ROAD, LEES SUMMIT, MISSOURI

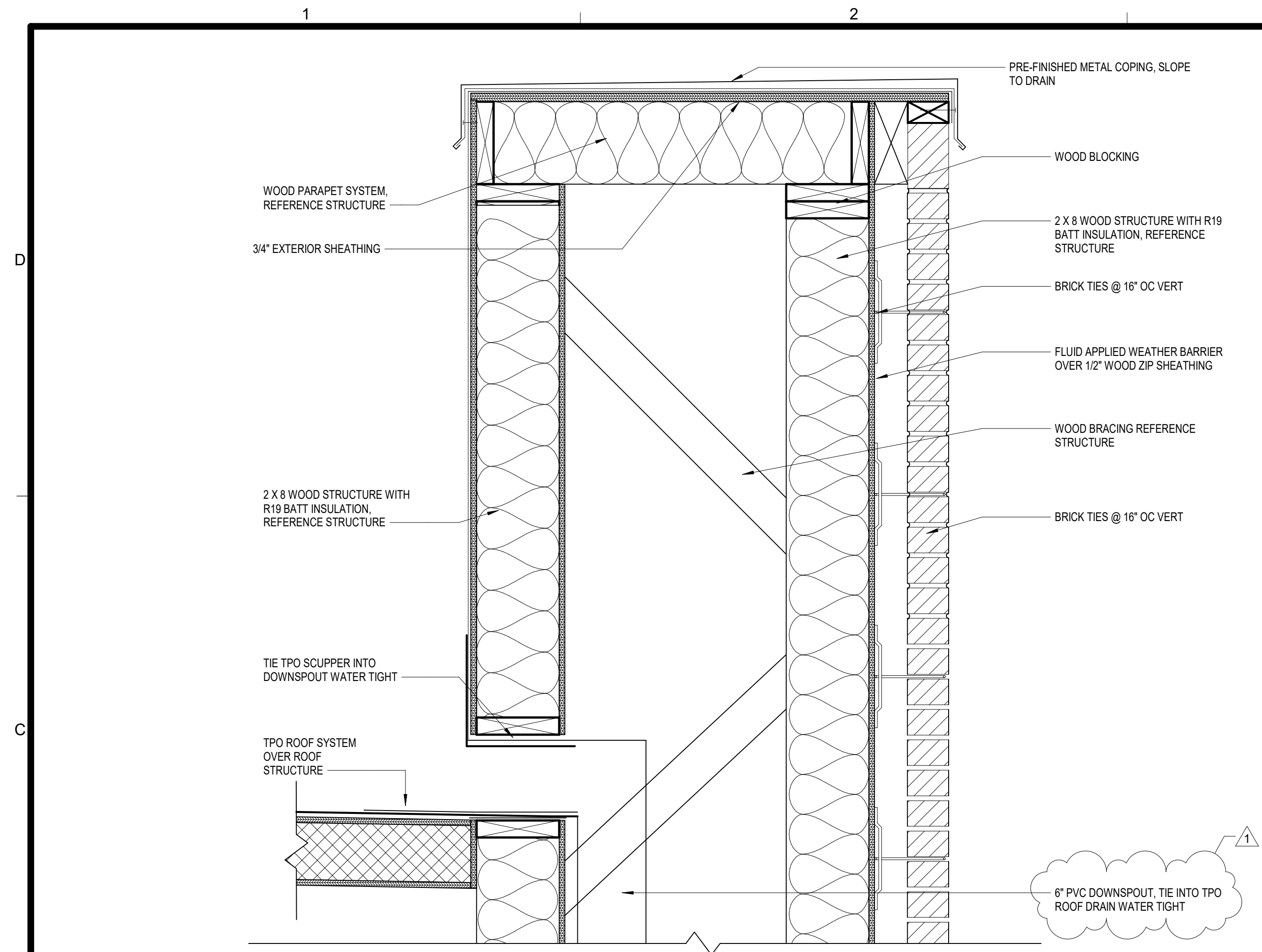
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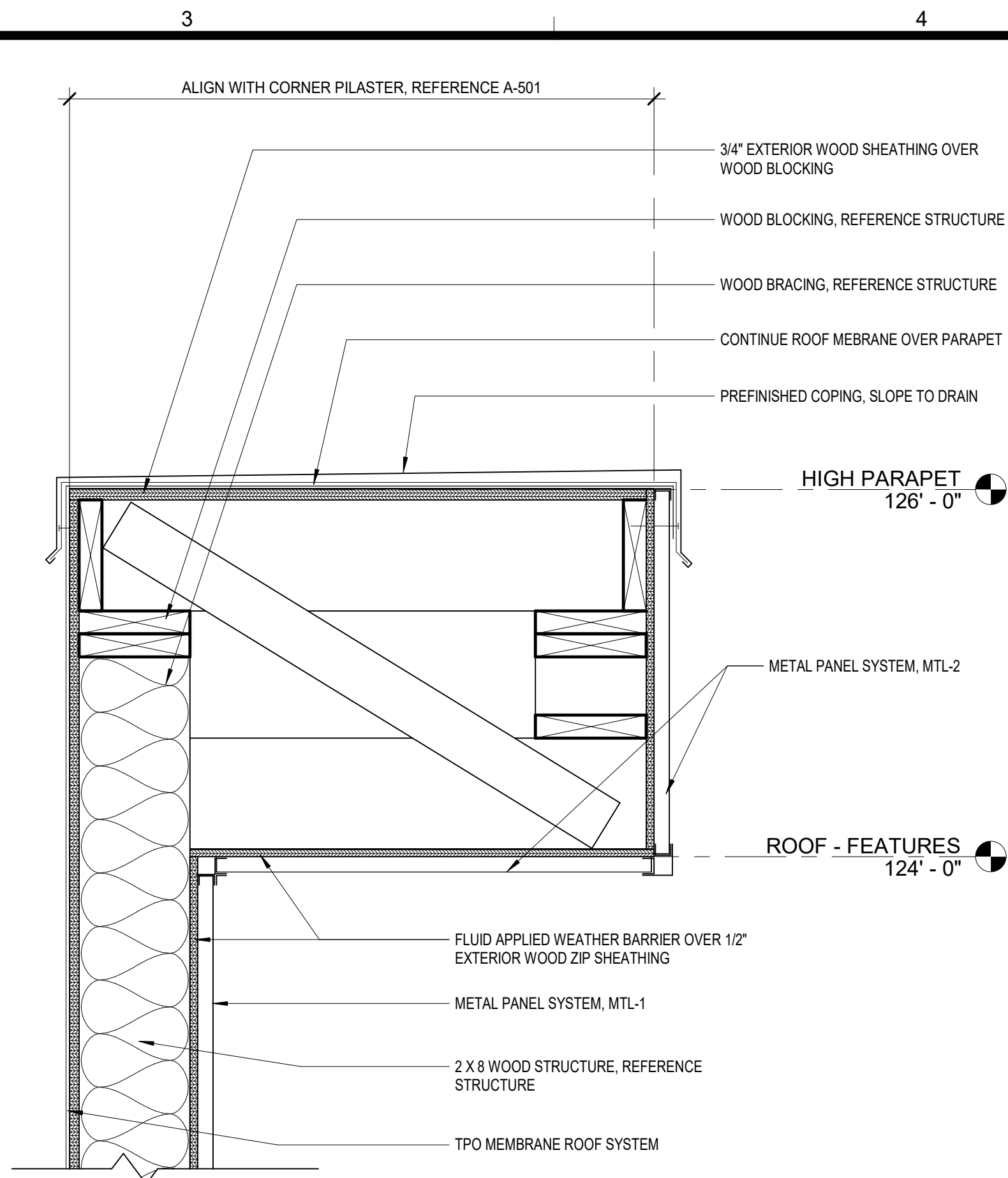
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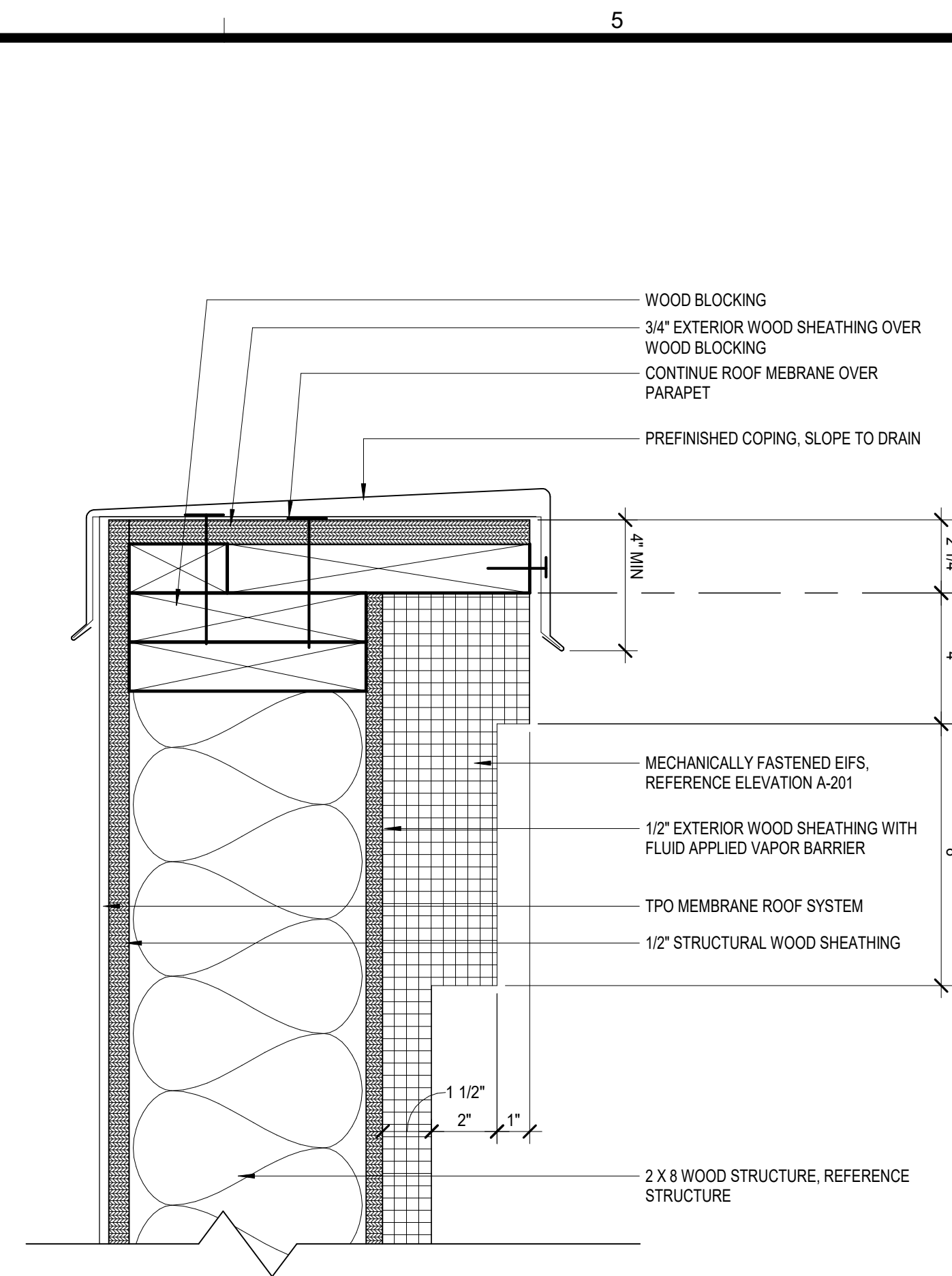
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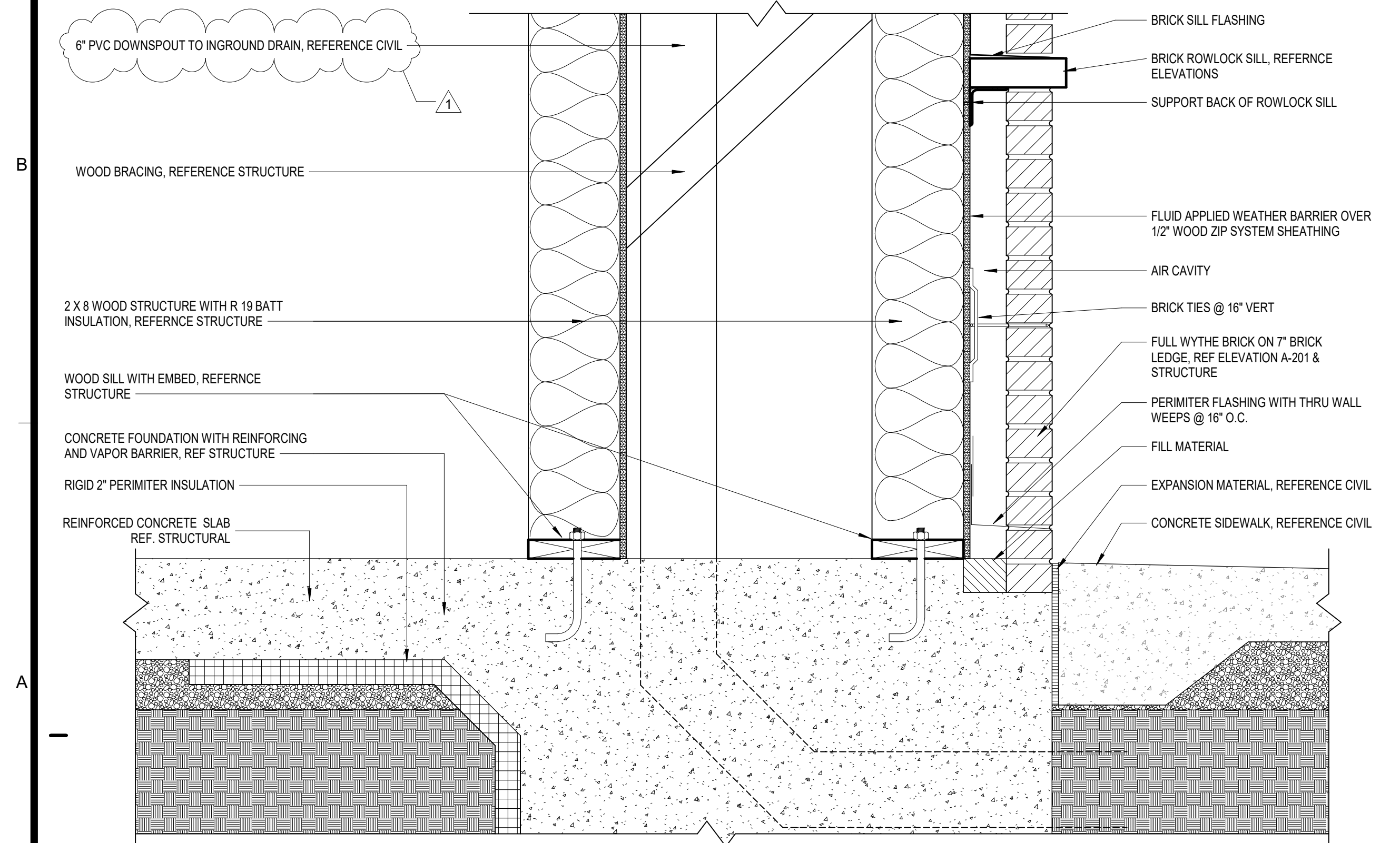
C1 PILASTER PARAPET @ WEST WALL
SCALE: 1 1/2" = 1'-0"



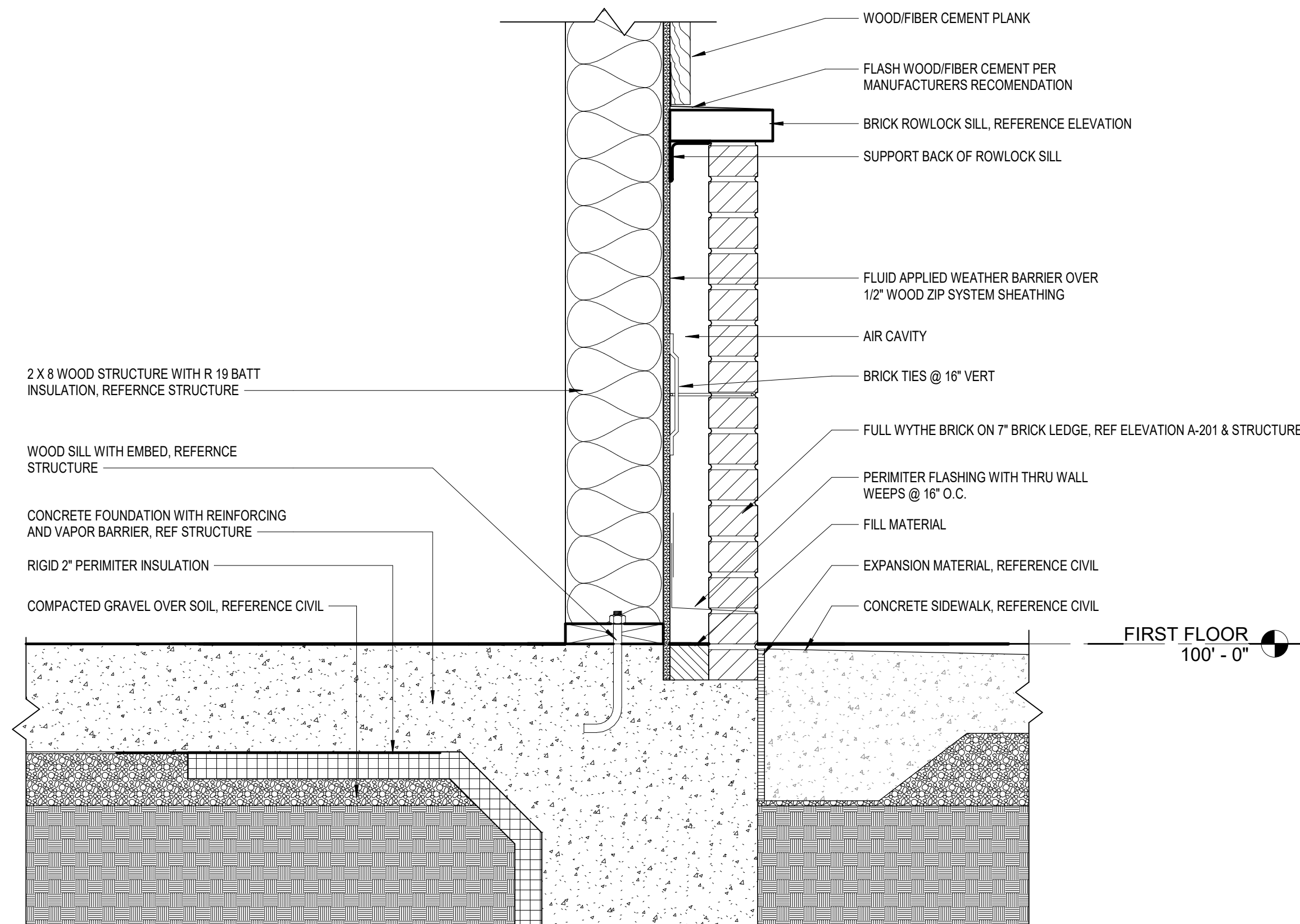
C3 TENANT A PARAPET @ EAST WALL
SCALE: 1 1/2" = 1'-0"




C5 TYPICAL EIFS PARAPET
SCALE: 3" = 1'-0"




A1 PILASTER BASE @ WEST WALL
SCALE: 1 1/2" = 1'-0"



A4 WALL BASE SECTION
SCALE: 1 1/2" = 1'-0"



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topeka, kansas 66614-4275
phone: 785.273.7540
fax: 785.273.7579
500 north broadway
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



MICHAEL K. HAMPTON
ARCHITECT (MO# A-2008027042)
SCHWERDT DESIGN GROUP INC
MISSOURI STATE CERTIFICATE
OF AUTHORITY #00353876

CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 13
1020 NW PRYOR ROAD, LEES SUMMIT, MISSOURI

SUBMISSION DATES	
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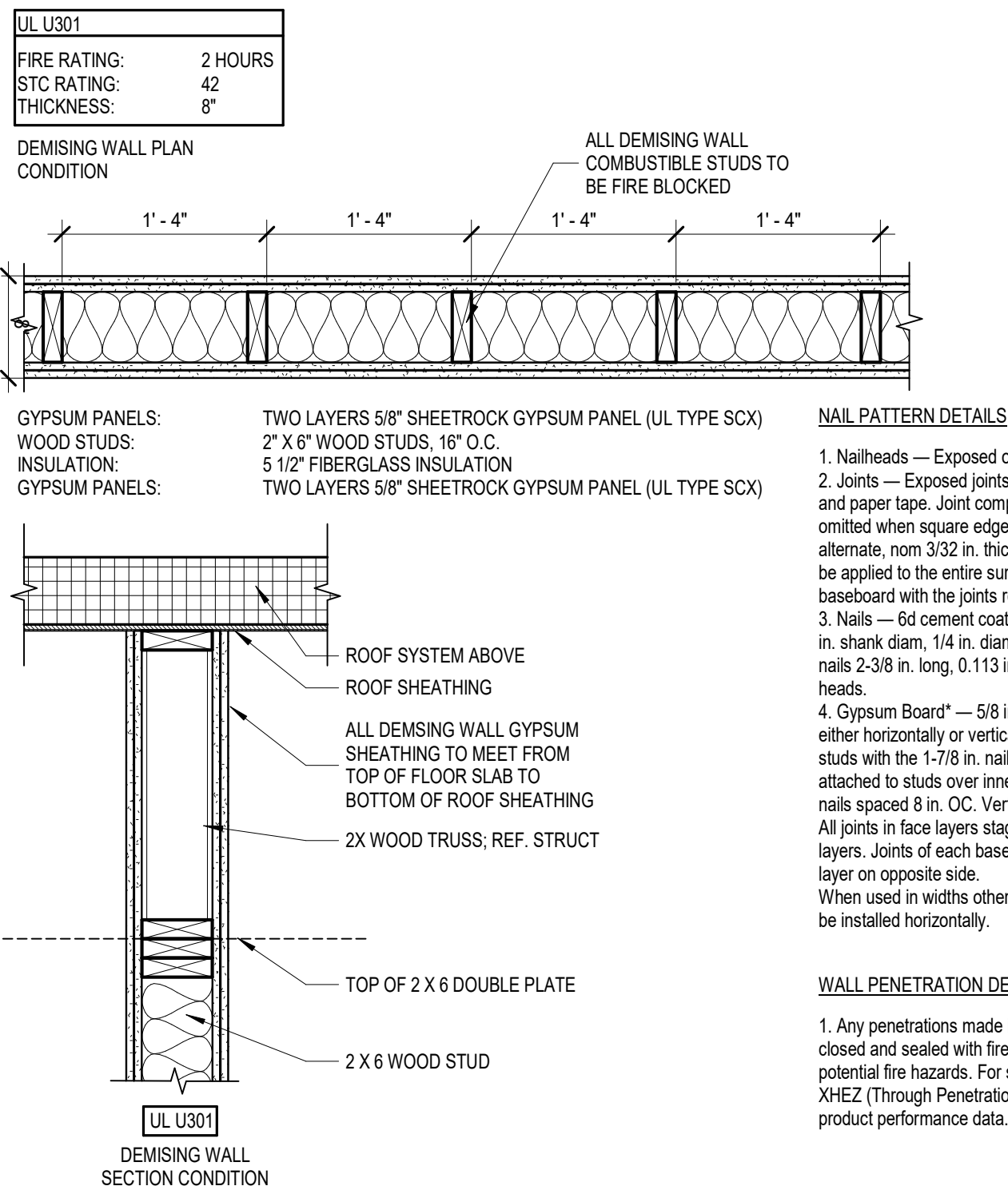
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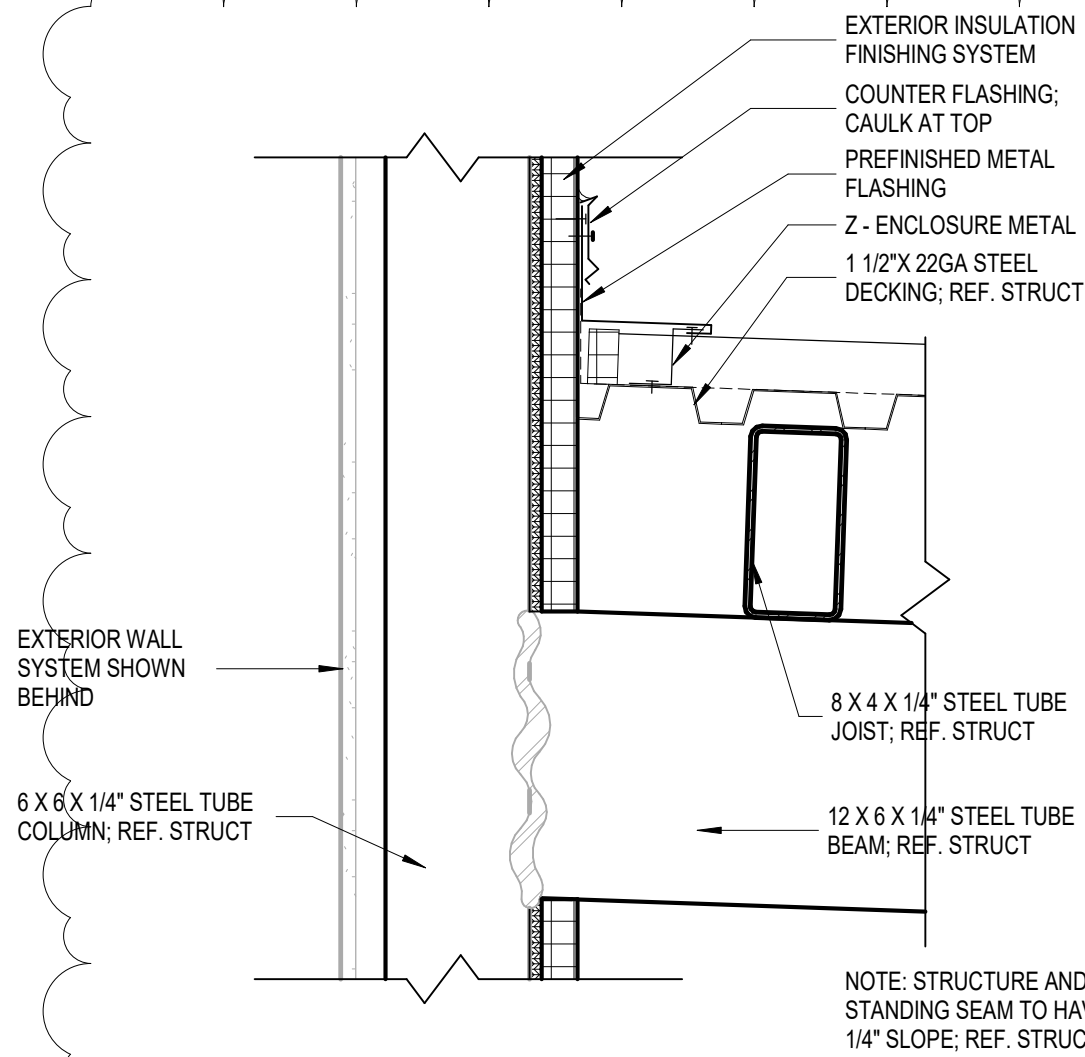
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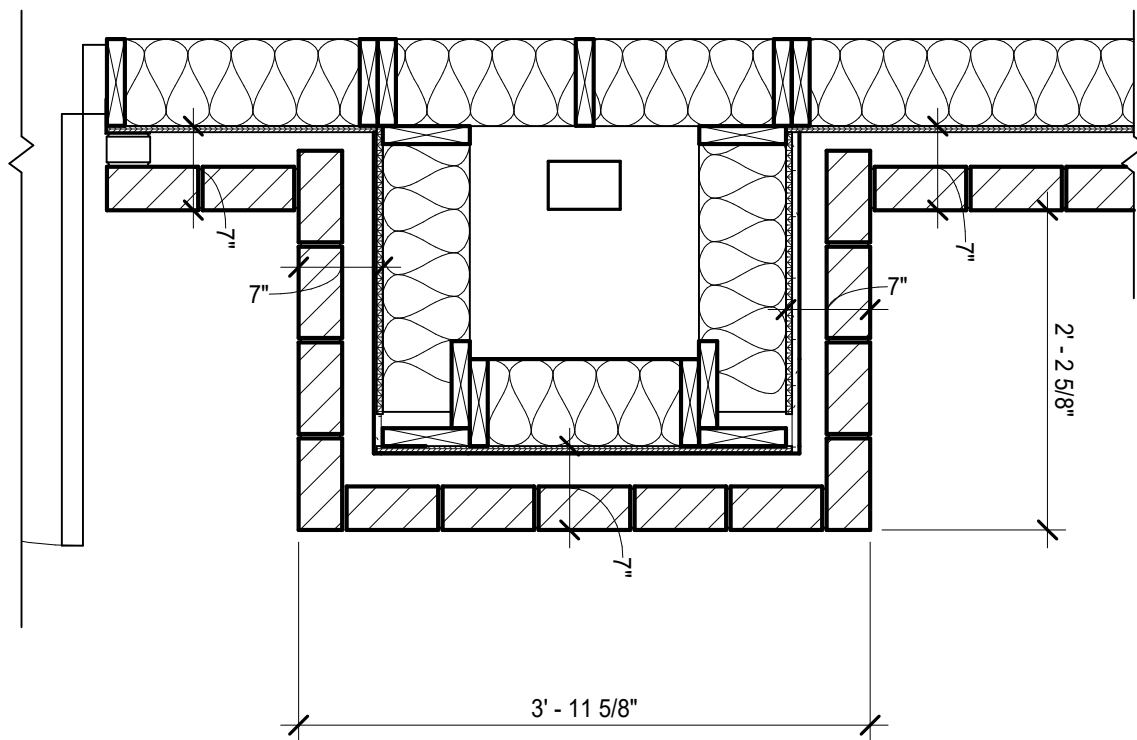
A1 FIRE BARRIER DETAILS
SCALE: 1" = 1'-0"



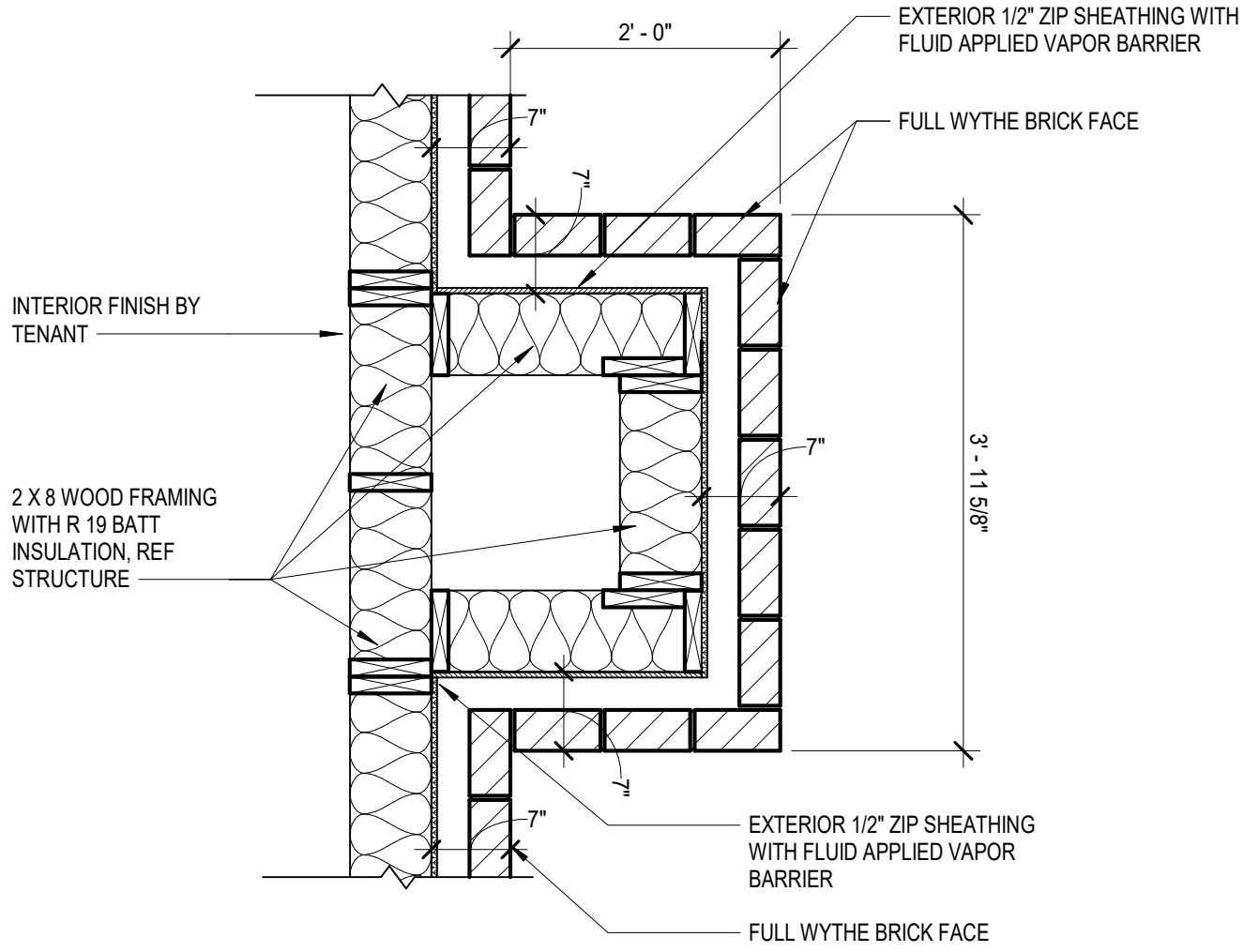
A3 STANDING SEAM WALL CONNECTION
SCALE: 1 1/2" = 1'-0"



B3 ENLARGED WEST PILASTER PLAN
SCALE: 3/4" = 1'-0"

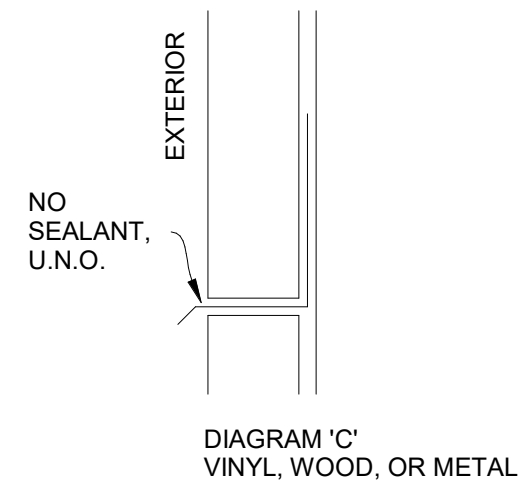


D3 ENLARGED NORTH/ EAST/ SOUTH PILASTER PLAN
SCALE: 3/4" = 1'-0"

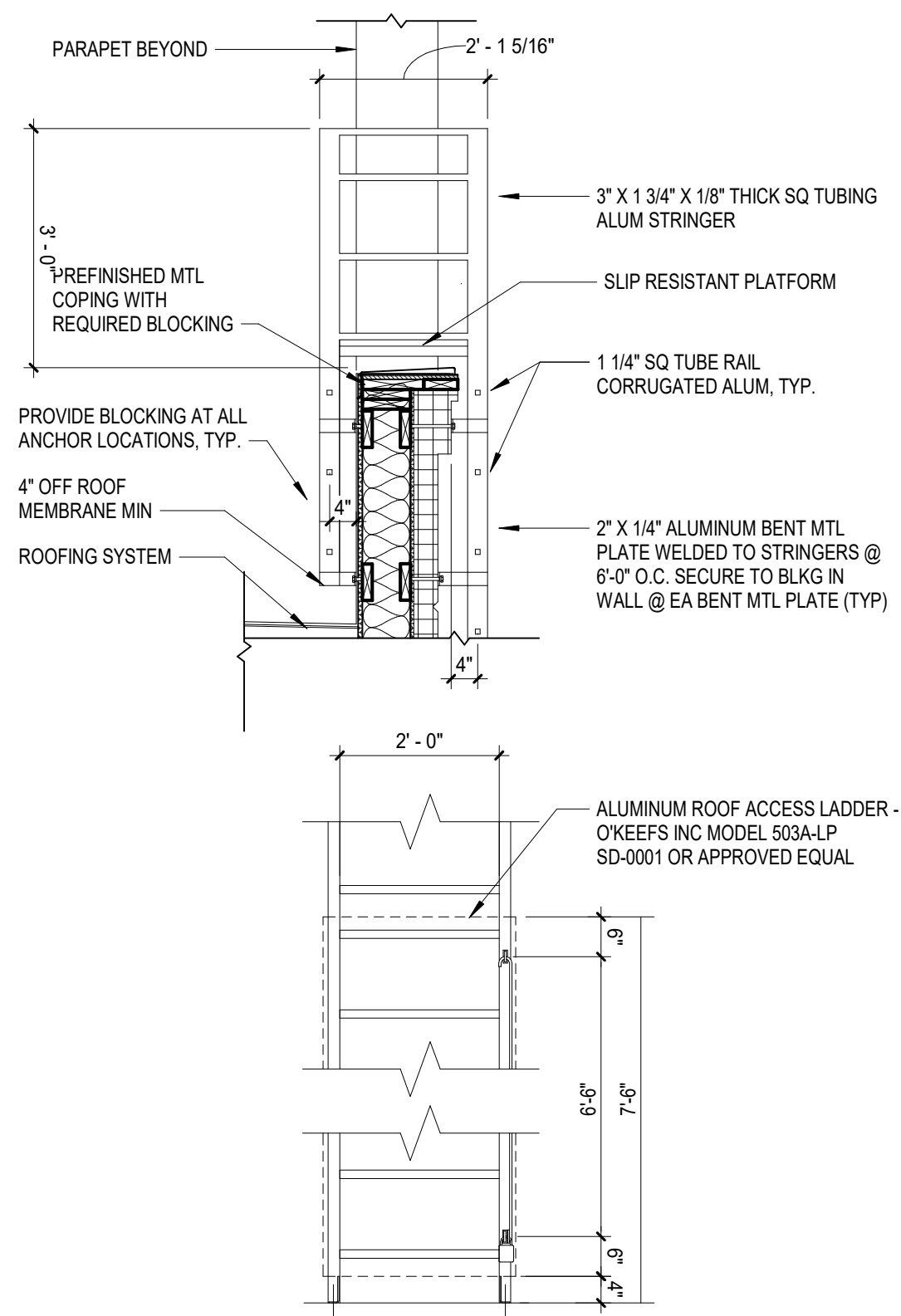


GENERAL FLASHING REQUIREMENTS

- A. PROPERLY WEEP FLASHING POINTS AND NORMAL DRAINAGE POINTS WITH WEEPS @ 1'-4" O.C. MAX. SPACING. WEEP POINTS ARE TO BE LOCATED DIRECTLY ON TOP OF FLASHING.
- B. WHERE FLASHING IS LOCATED TERMINATE AND/OR SEPARATES MATERIALS, DO NO SEAL (U.N.O.) - REFER TO DIAGRAM "C" WHERE IT IS DETERMINED BY THE MATERIAL MANUFACTURER OR OTHERWISE THAT SEALING IS REQUIRED (TO PREVENT WATER PENETRATION BEYOND FLASHING DUE TO WIND DRIVEN RAIN), THEN SEALANT MUST BE WEEPED IN ACCORDANCE WITH NOTE "A" ABOVE.
- C. UNLESS NOTED OTHERWISE, TURN FLASHING UP A MIN. OF 4" BEHIND APPROPRIATE MATERIALS.
- D. FLASHING CONDITIONS, WHETHER DETAILED OR NOT, ARE TO BE IN ACCORDANCE WITH S.M.A.C.N.A. SPECIFICATIONS. WHERE ATYPICAL CONDITIONS OCCUR THAT ARE NOT DETAILED, FLASHING IS TO BE INSTALLED AS CLOSELY AS POSSIBLE TO THE S.M.A.C.M.A. DETAIL THAT IS MOST CLOSELY APPROXIMATES THE ACTUAL CONDITION.
- E. UNLESS NOTED OTHERWISE, AT FLASHING HIGH POINTS SEAL WATER TIGHT TO BACK-UP SUBSTRATE.



D4 GENERAL FLASHING DETAIL
SCALE: 12" = 1'-0"



B5 ROOF ACCESS LADDER
SCALE: 1/2" = 1'-0"



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topeka, kansas 66614-4275
phone: 785.273.7540
fax: 785.273.7579
500 north broadway. suite 200
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



MICHAEL K HAMPTON
ARCHITECT (MO# A-2008027042)
SCHWERDT DESIGN GROUP INC
MISSOURI STATE CERTIFICATE
OF AUTHORITY #F00353876

CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 13
1020 NW PRYOR ROAD, LEES SUMMIT, MISSOURI

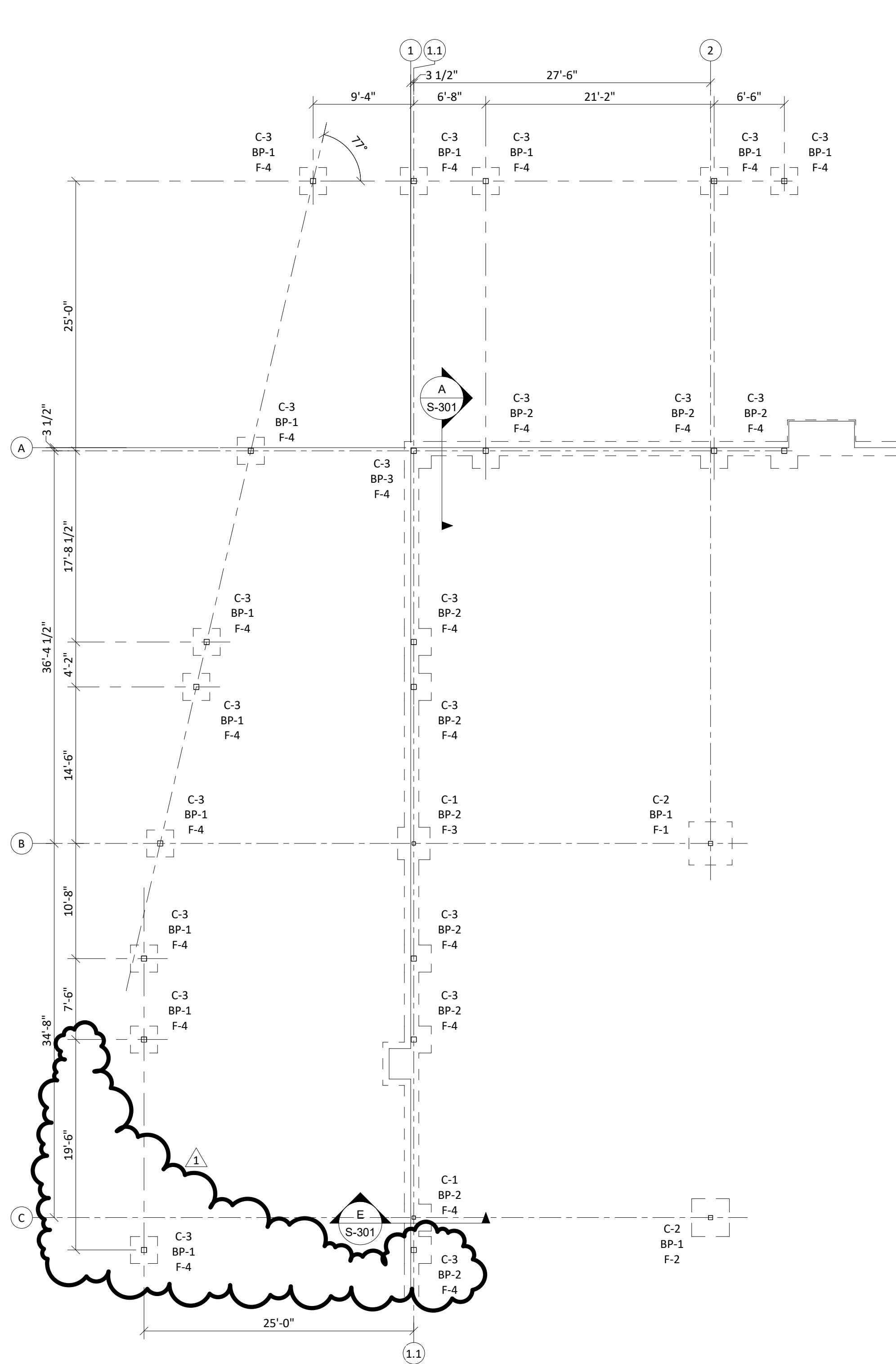
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SHEET TITLE
BUILDING DETAILS

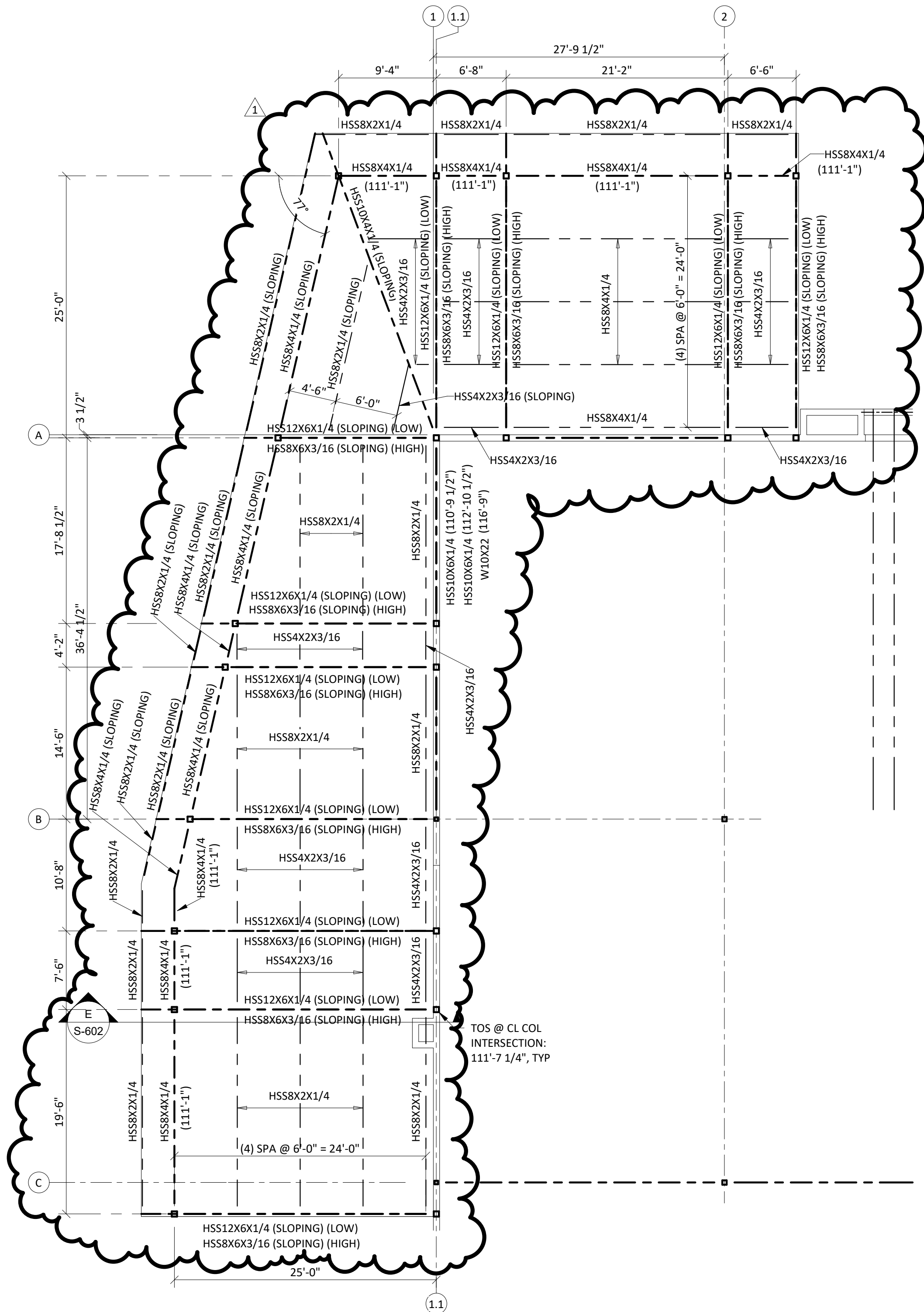
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235008

SHEET NUMBER
A-503

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



2 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

ROOF CONSTRUCTION: 1 1/2"x22GA WIDE RIB (TYPE B) GALVANIZED STEEL DECK ON STEEL JOISTS. ATTACH DECK TO ALL SUPPORTING ELEMENTS WITH 5/8"Ø PUDDLE WELDS AND 36/5 PATTERN IN THE FIELD AND 6" AT PERIMETER. PROVIDE (3) #10 TEK SCREW SIDE LAP CONNECTIONS EQUALLY SPACED.

CERTUS
STRUCTURAL ENGINEERS
900 S. Kansas Avenue; Suite 400
Topeka, Kansas 66612
Phone: (785) 291-0400
Fax: (785) 291-0401
Proj #:01190008.125
Certificate Of Authorization
E-1392
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2231 sw wanamaker rd, suite 303
topeka, kansas 66614-4275
phone: 785.233.7540
fax: 785.273.7579
500 north broadway, suite 200
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



CORE & SHELL BUILDING FOR
STREETS OF WEST PRYOR LOT 13
LEES SUMMIT, MISSOURI

SUBMISSION DATES
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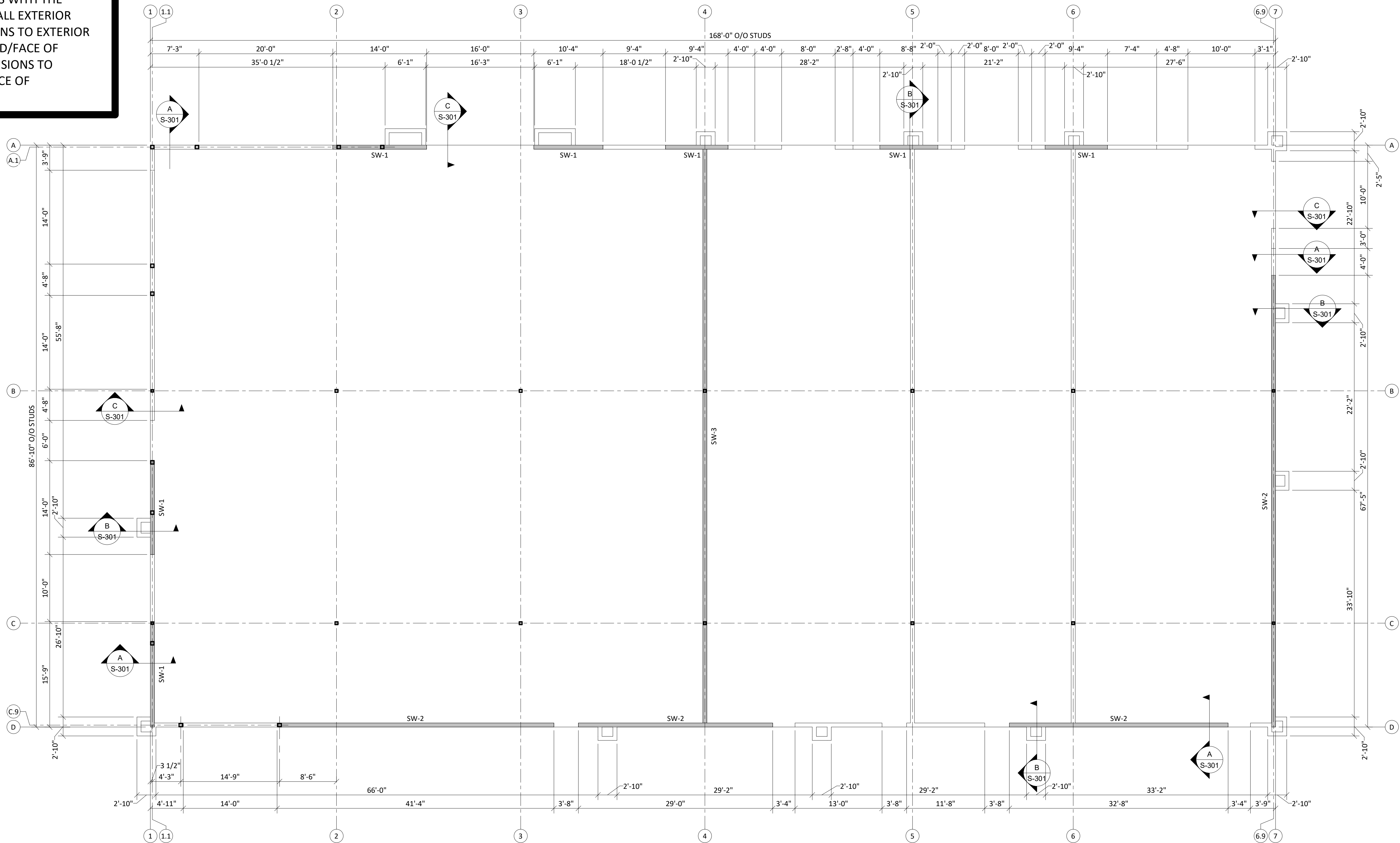
SHEET TITLE
CANOPY FOUNDATION & FRAMING PLANS

PROJECT NUMBER
230117

SHEET NUMBER
S-102

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NOTE: FACE OF STUD ALIGNS WITH THE CONCRETE SLAB EDGE FOR ALL EXTERIOR WALLS. ALL PLAN DIMENSIONS TO EXTERIOR WALLS ARE TO FACE OF STUD/FACE OF CONCRETE SLAB. ALL DIMENSIONS TO INTERIOR WALLS ARE TO FACE OF STUD/STRUCTURAL WALL.



WALL FRAMING PLAN

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

WALL CONSTRUCTION: TYPICAL EXTERIOR WALL CONSTRUCTION SHALL BE 2x8 WOOD STUDS @ 16" MAXIMUM ON CENTER. MINIMUM (2) TRIMMER STUDS AND (2) KING STUDS SHALL BE PROVIDED AT ALL OPENINGS IN EXTERIOR, BEARING, AND SHEAR WALLS. TYPICAL INTERIOR SHEAR WALL CONSTRUCTION SHALL BE 2x6 WOOD STUDS @ 16" ON CENTER. REFERENCE HEADER SCHEDULE FOR CONDITIONS REQUIRING ADDITIONAL STUDS. DOUBLE TOP PLATE SHALL BE CONTINUOUS AND SHALL BE SPLICED PER TYPICAL DETAIL. SEE SHEAR WALL SCHEDULE FOR FURTHER INFORMATION ON CONSTRUCTION OF SHEAR WALLS.

INDICATES LOCATION OF SHEARWALL

SW-(#) - SHEARWALL MARK, REFERENCE SCHEDULE

VERIFY ALL DIMENSIONS SHOWN WITH ARCHITECTURAL AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. INFORM ENGINEER OF ALL DISCREPANCIES.

WOOD SHEARWALL (SW) SCHEDULE

MARK	STUD SIZE & SPACING	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	COMPRESSION CHORD (MIN)	HOLDOWN	SILL PLATE ANCHOR BOLT AT FDN
SW-1	2x8@16	1/2" OSB ZIP SYSTEM PANELS BLOCKED ONE SIDE OF WALL	8d COMMON @4" OC	8d COMMON @12" OC	(3) 2x8 WD STUDS	HDU8-SD2.5 7/8"Ø AB	5/8"Ø AB AT 1'-4" OR 3/4"Ø AB AT 2'-0" OC
SW-2	2x8@16	1/2" OSB ZIP SYSTEM PANELS BLOCKED ONE SIDE OF WALL	8d COMMON @6" OC	8d COMMON @12" OC	(2) 2x8 WD STUDS	HDU4-SD2.5 5/8"Ø AB	5/8"Ø AB AT 2'-0" OR 3/4"Ø AB AT 2'-8" OC
SW-3	2x6@16	5/8" (MIN) GYPSUM BOARD BLOCKED BOTH SIDES OF WALL	5d COOLER @4" OC	5d COOLER @4" OC	(2) 2x6 WD STUDS	HDU4-SD2.5 5/8"Ø AB	5/8"Ø AB AT 2'-0" OR 3/4"Ø AB AT 2'-8" OC

CERTUS
STRUCTURAL ENGINEERS
900 S. Kansas Avenue; Suite 400
Topeka, Kansas 66612
Phone: (785) 291-0400
Fax: (785) 291-0401
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topeka, kansas 66614-4275
phone: 785.213.7540
fax: 785.213.7519
500 north broadway suite 200
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



**CORE & SHELL BUILDING FOR
STREETS OF WEST PRYOR LOT 13**
LEES SUMMIT, MISSOURI

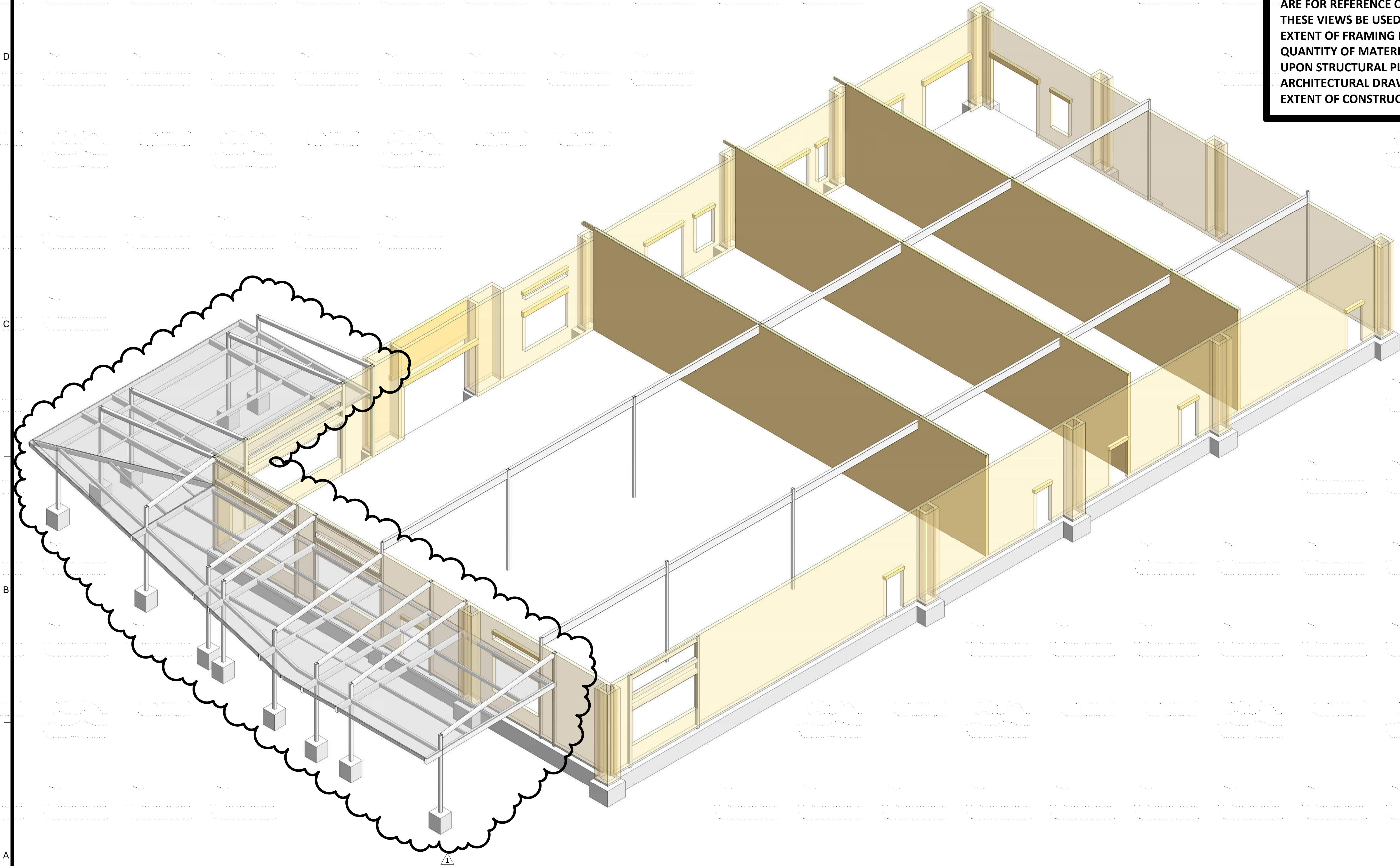
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WALL FRAMING PLAN

PROJECT NUMBER
230117

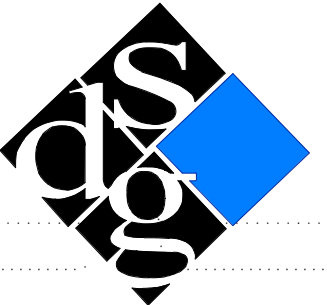
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1 STRUCTURAL STEEL ISOMETRIC VIEW FROM NW CORNER
SCALE: NONE

ISOMETRIC VIEWS ARE INTENDED TO SHOW GENERAL FRAMING CONFIGURATIONS AND ARE FOR REFERENCE ONLY. IN NO WAY SHALL THESE VIEWS BE USED TO CONVEY THE FULL EXTENT OF FRAMING MATERIALS REQUIRED. QUANTITY OF MATERIALS SHALL BE BASED UPON STRUCTURAL PLANS, DETAILS, ARCHITECTURAL DRAWINGS, AND THE FULL EXTENT OF CONSTRUCTION DOCUMENTS.



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architecture | interiors | planning
2231 sw wanamaker rd suite 303
topeka, kansas 66614-4275
phone: 785.213.7540
fax: 785.213.7579
500 north broadway suite 200
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



**CORE & SHELL BUILDING FOR
STREETS OF WEST PRYOR LOT 13**
LEES SUMMIT, MISSOURI

SUBMISSION DATES
12/27/2023
ADD #1 01/19/2024

SHEET TITLE
NW FRAMING ISOMETRIC

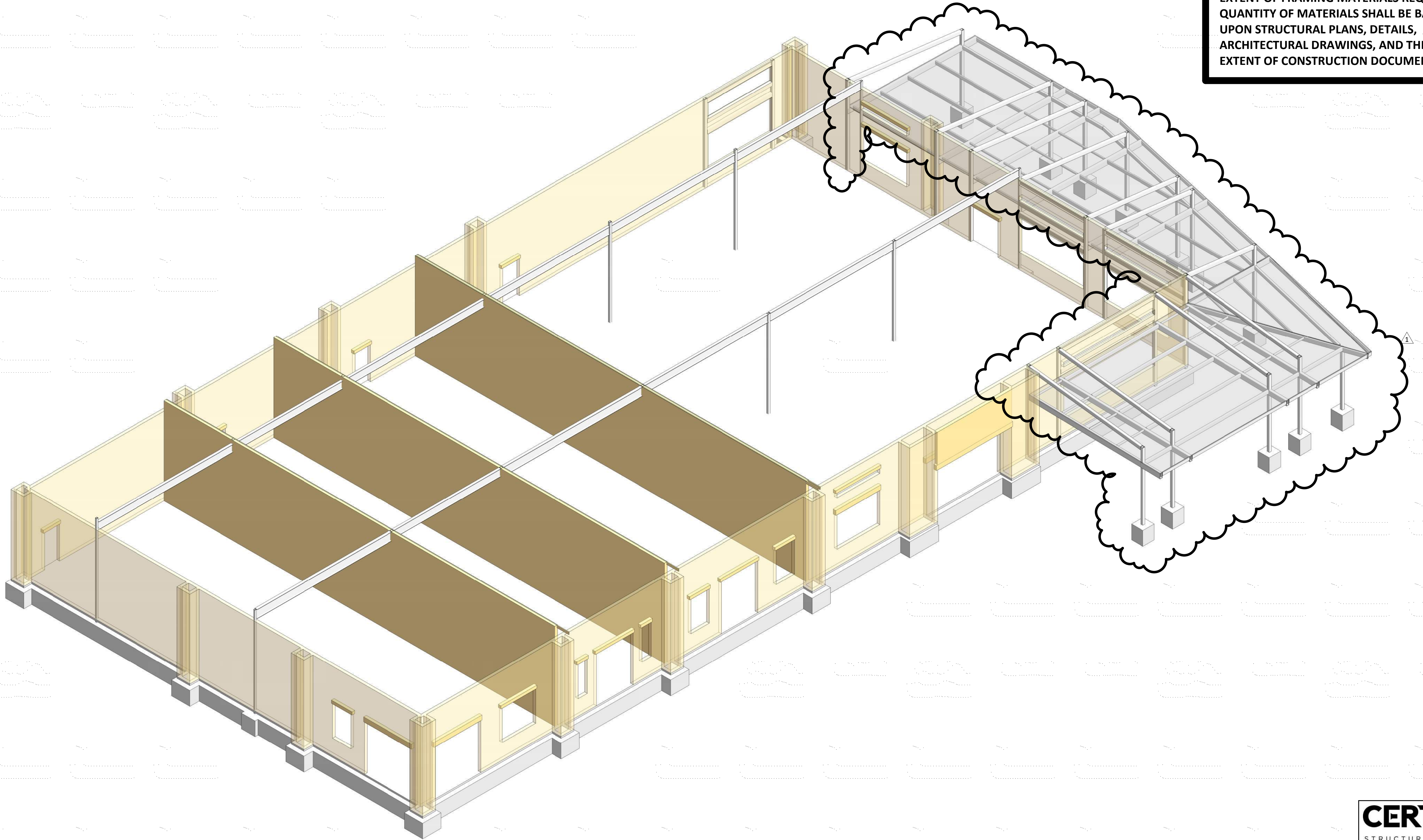
PROJECT NUMBER
230117

SHEET NUMBER
S-201

CERTUS
STRUCTURAL ENGINEERS
900 S. Kansas Avenue; Suite 400
Topeka, Kansas 66612
Phone: (785) 291-0400
Fax: (785) 291-0401
Proj #:01190008.125
Certificate Of Authorization
E-1392
REVIT 2023 LOCAL

FILEPATH: C:\Users\grad\harris\Documents\01190008.125 - Streets of West Pryor - Lot 13_Gradster.rvt
DATE: 1/22/2024 11:43:48 AM
DRAWN BY: Author

A
B
C
D



ISOMETRIC VIEWS ARE INTENDED TO SHOW
GENERAL FRAMING CONFIGURATIONS AND
ARE FOR REFERENCE ONLY. IN NO WAY SHALL
THESE VIEWS BE USED TO CONVEY THE FULL
EXTENT OF FRAMING MATERIALS REQUIRED.
QUANTITY OF MATERIALS SHALL BE BASED
UPON STRUCTURAL PLANS, DETAILS,
ARCHITECTURAL DRAWINGS, AND THE FULL
EXTENT OF CONSTRUCTION DOCUMENTS.

1 STRUCTURAL STEEL ISOMETRIC VIEW FROM SE CORNER
SCALE: NONE

CERTUS
STRUCTURAL ENGINEERS
900 S. Kansas Avenue; Suite 400
Topeka, Kansas 66612
Phone: (785) 291-0400
Fax: (785) 291-0401
Proj #: 01190008.125
Certificate Of Authorization
E-1392
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architecture | interiors | planning
2231 sw wanamaker rd suite 303
topeka, kansas 66614-4275
phone: 785.213.7540
fax: 785.273.7579
500 north broadway suite 200
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115

STATE OF MISSOURI
KANSAS
NUMBER
PE-2005011704
PROFESSIONAL ENGINEER

CORE & SHELL BUILDING FOR
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LEES SUMMIT, MISSOURI

SUBMISSION DATES
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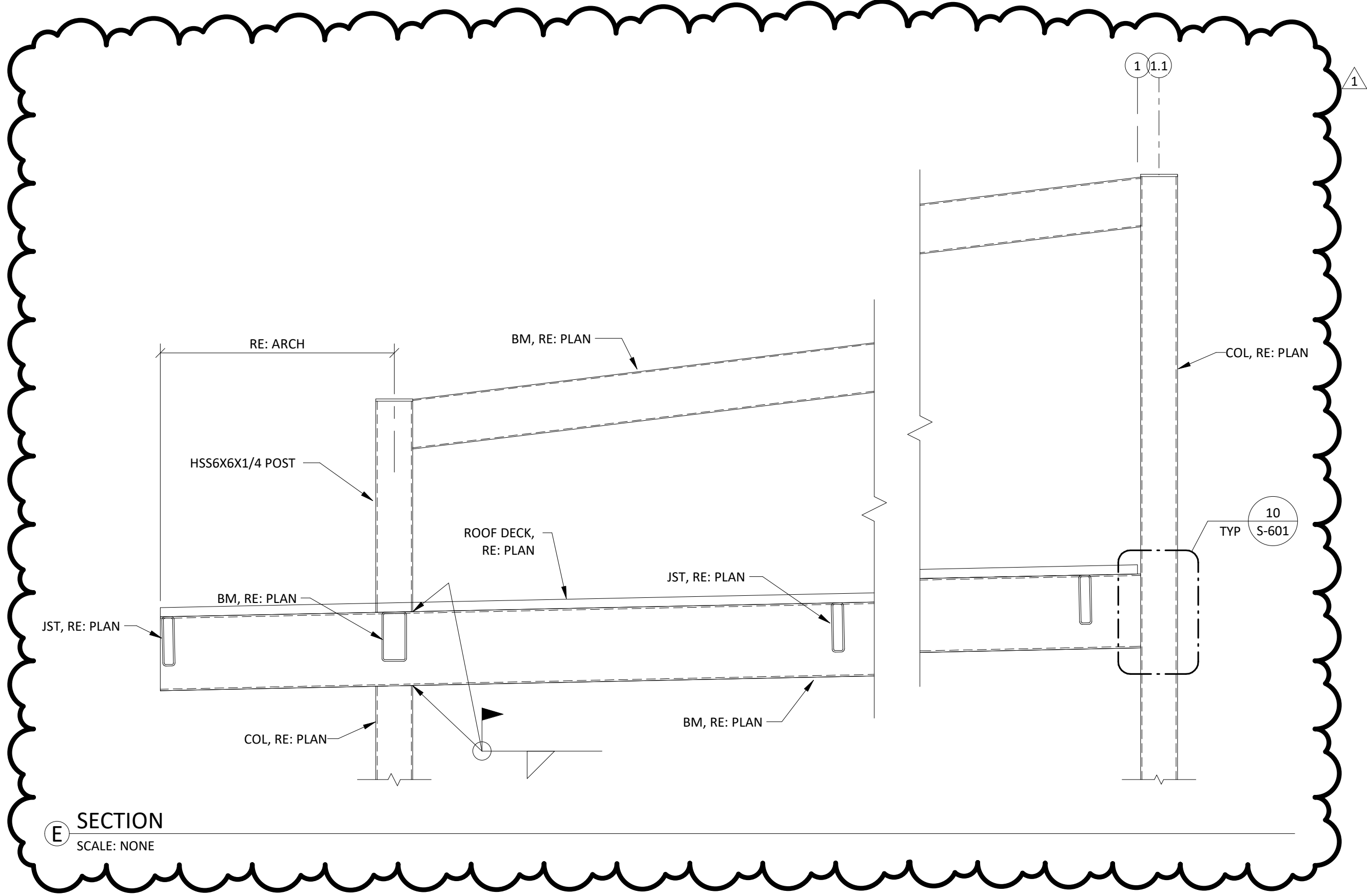
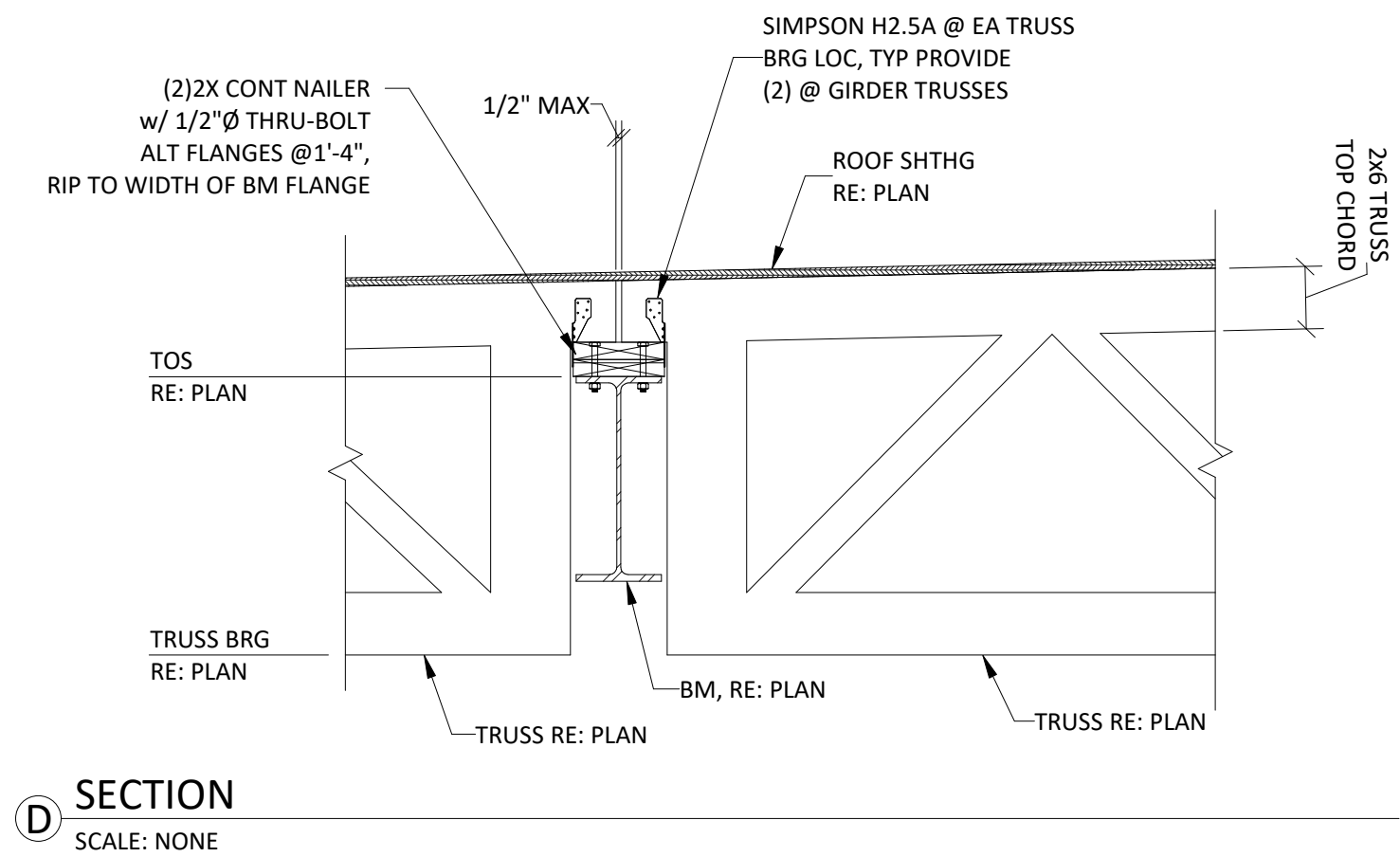
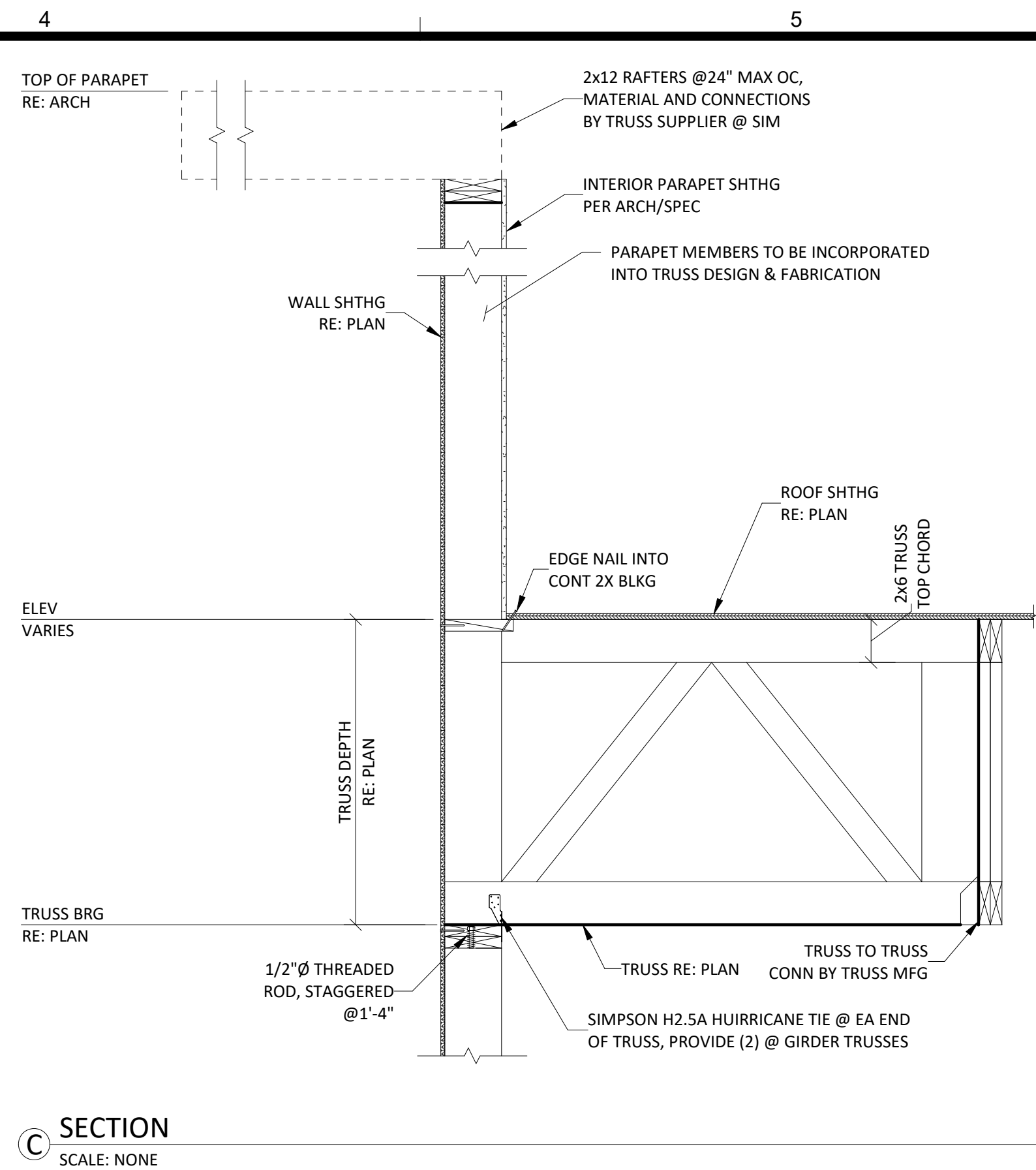
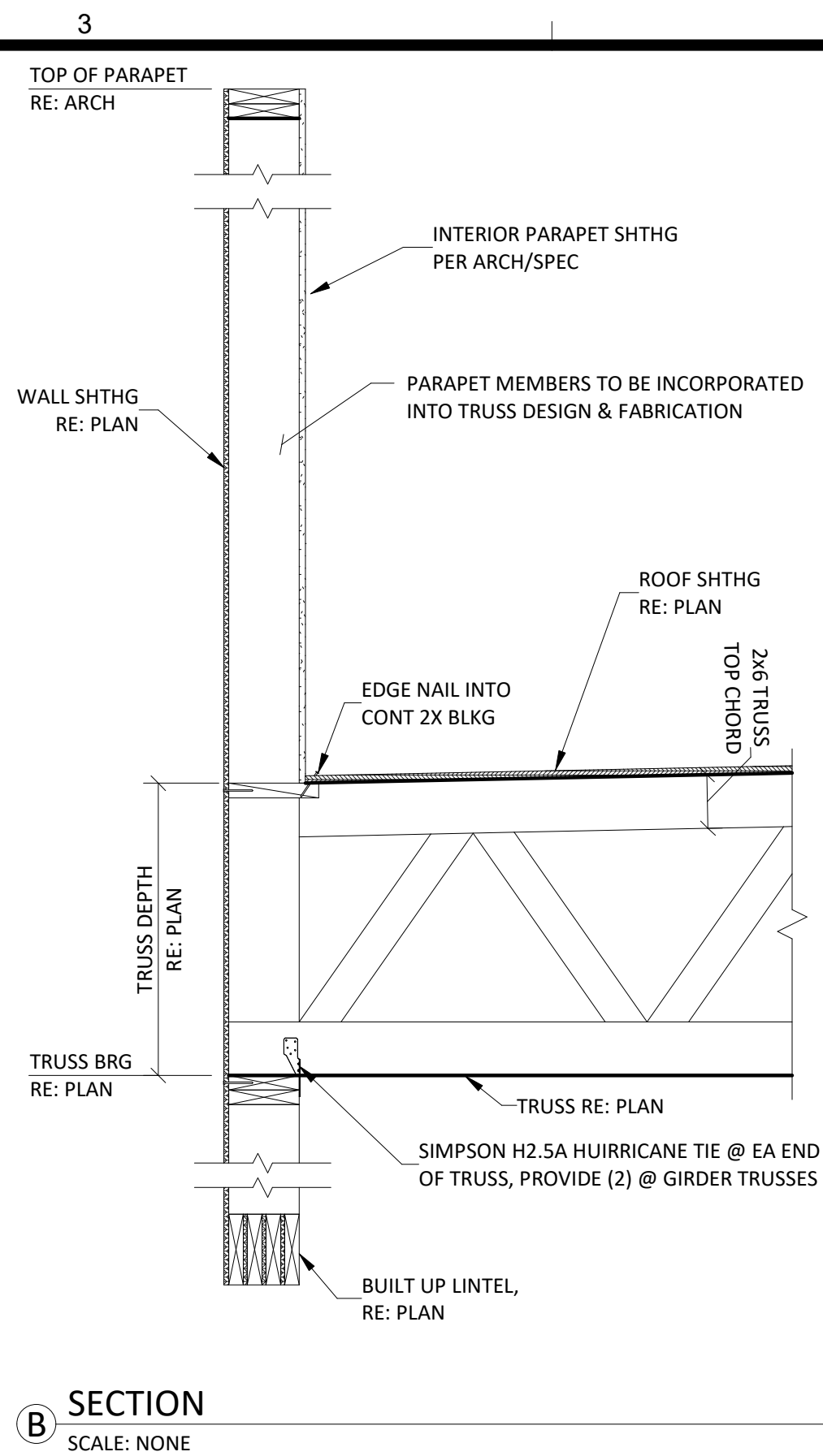
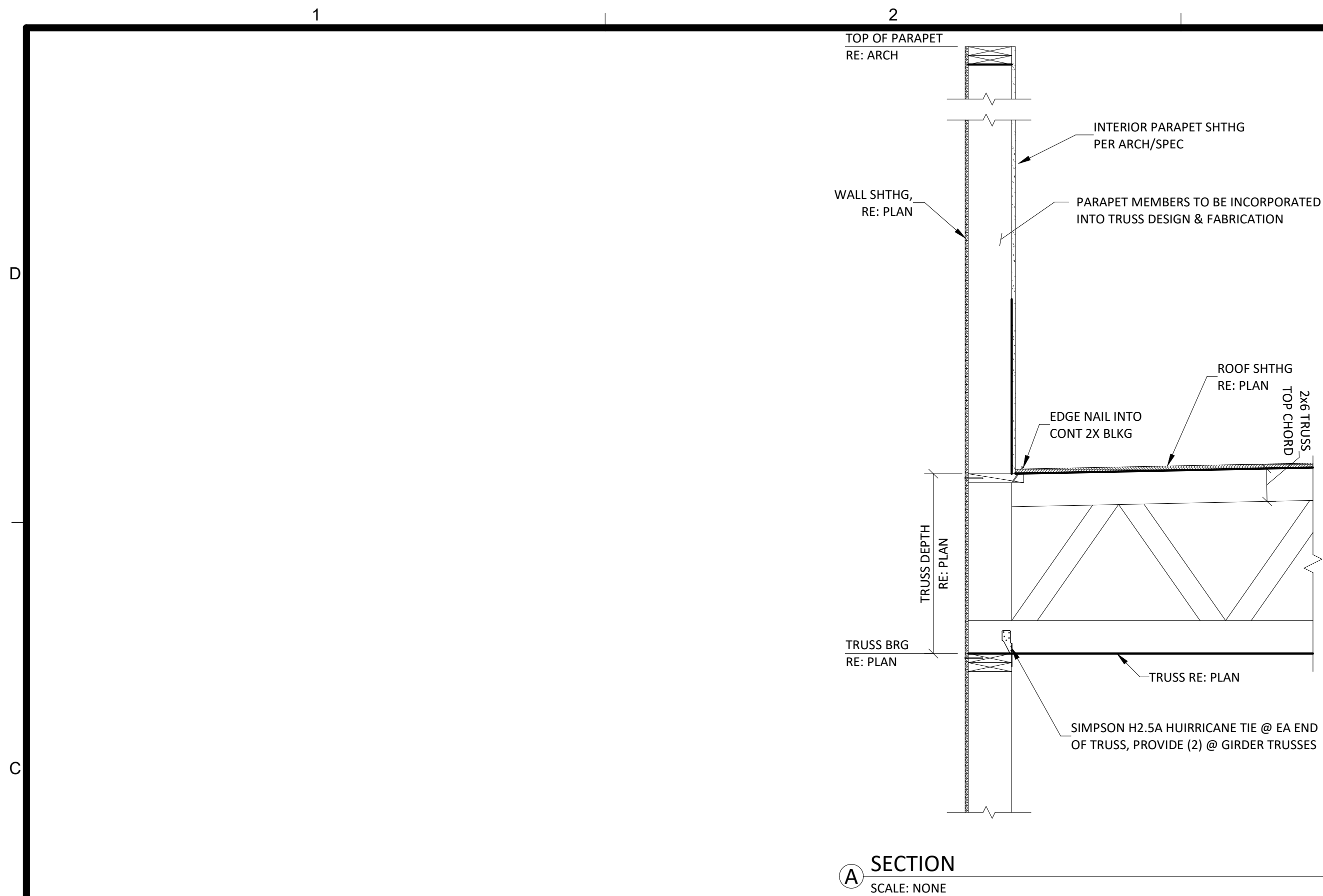
SHEET TITLE
SE FRAMING ISOMETRIC

PROJECT NUMBER
230117

SHEET NUMBER
S-202

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schwerdt design group
architecture | interiors | planning
2231 sw wanamaker rd, suite 303
topeka, kansas 66614-4275
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fax: 785.233.7579
500 north broadway, suite 200
oklahoma city, ok 73102
phone: 405.231.3105
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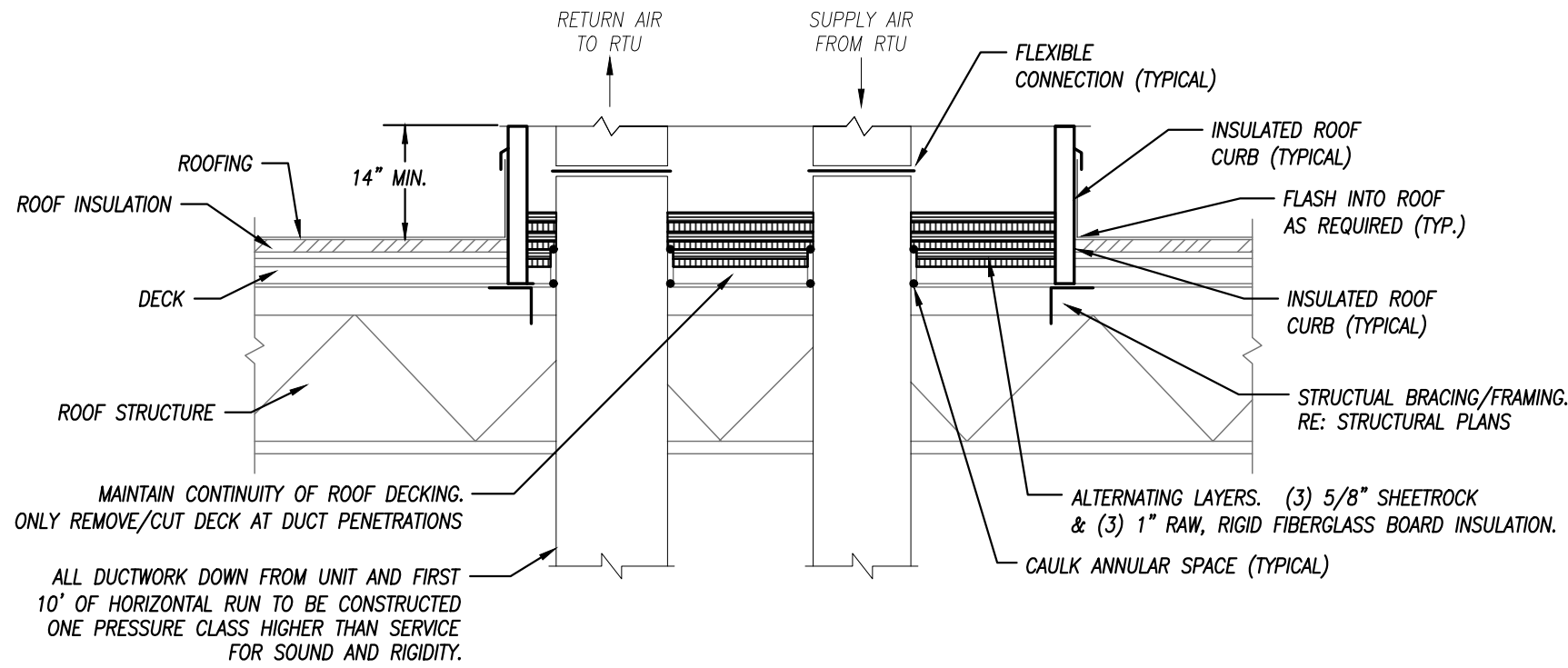
CORE & SHELL BUILDING FOR
STREETS OF WEST PRYOR LOT 13
LEES SUMMIT, MISSOURI

SUBMISSION DATES
12/27/2023
ADD #1 01/19/2024

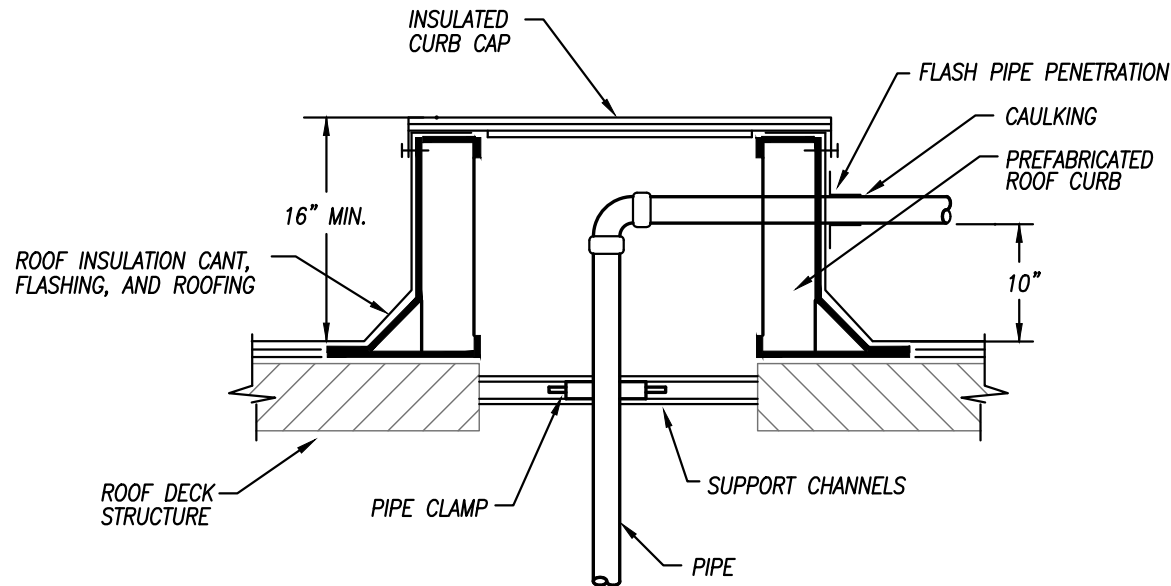
SHEET TITLE
FRAMING DETAILS &
SECTIONS II

PROJECT NUMBER
230117

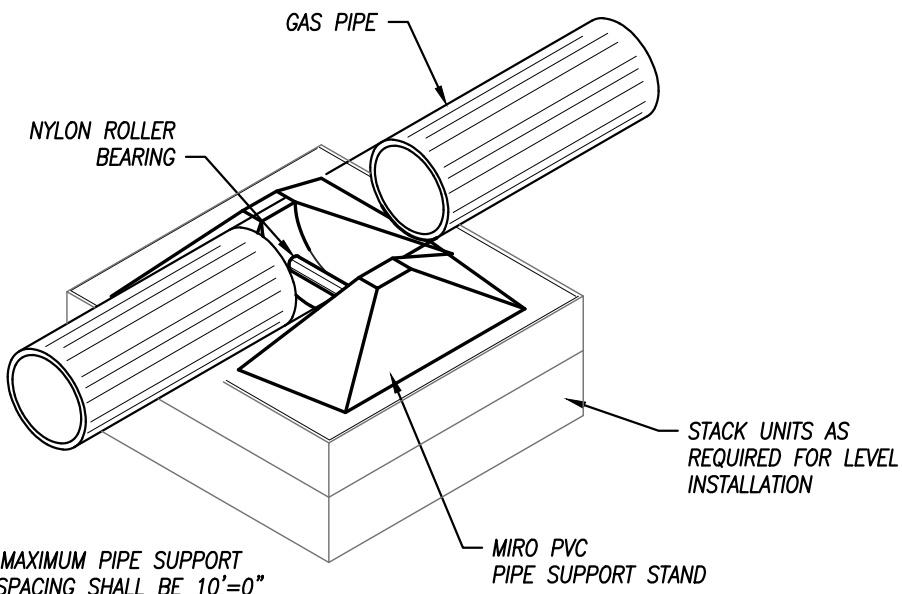
SHEET NUMBER
S-602



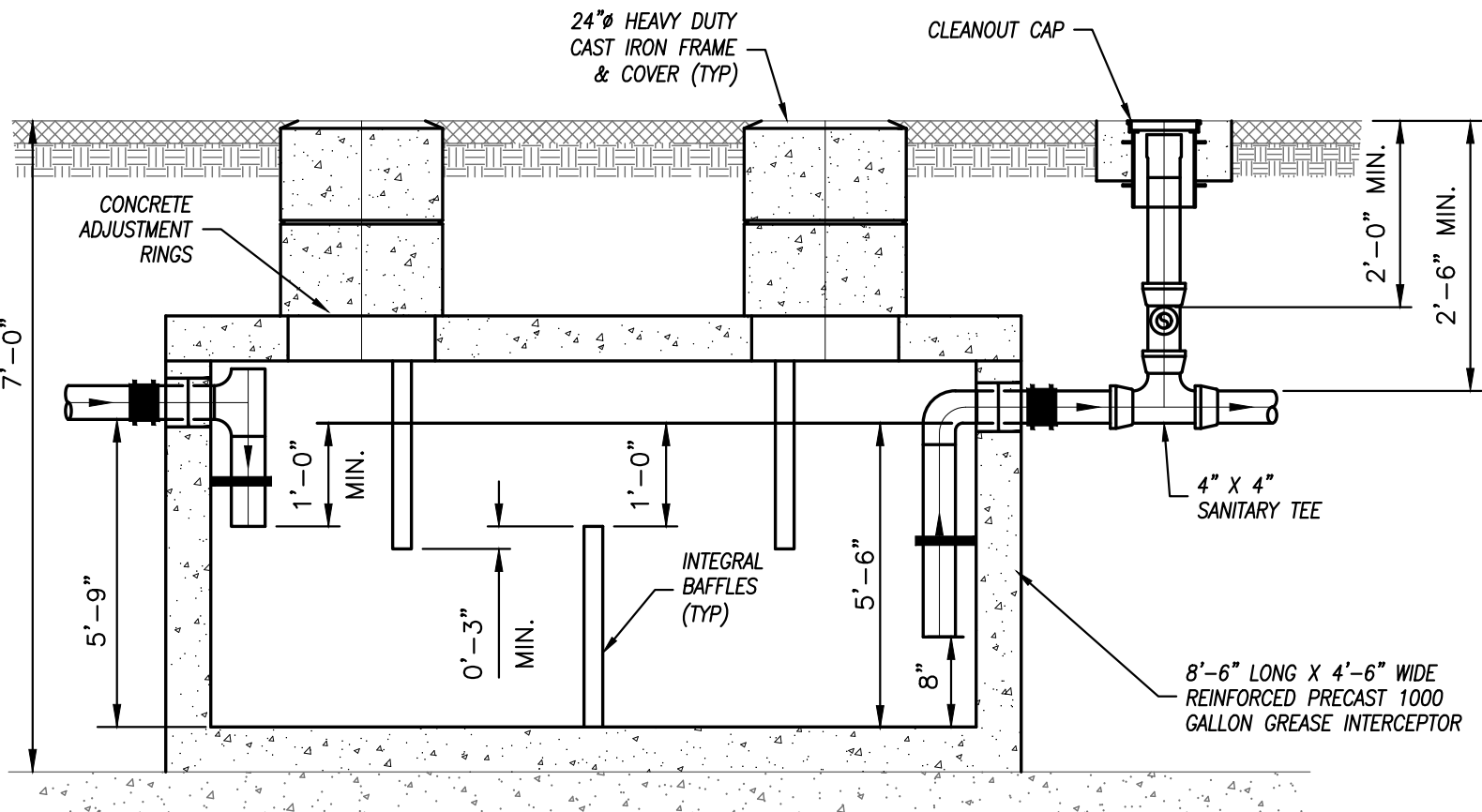
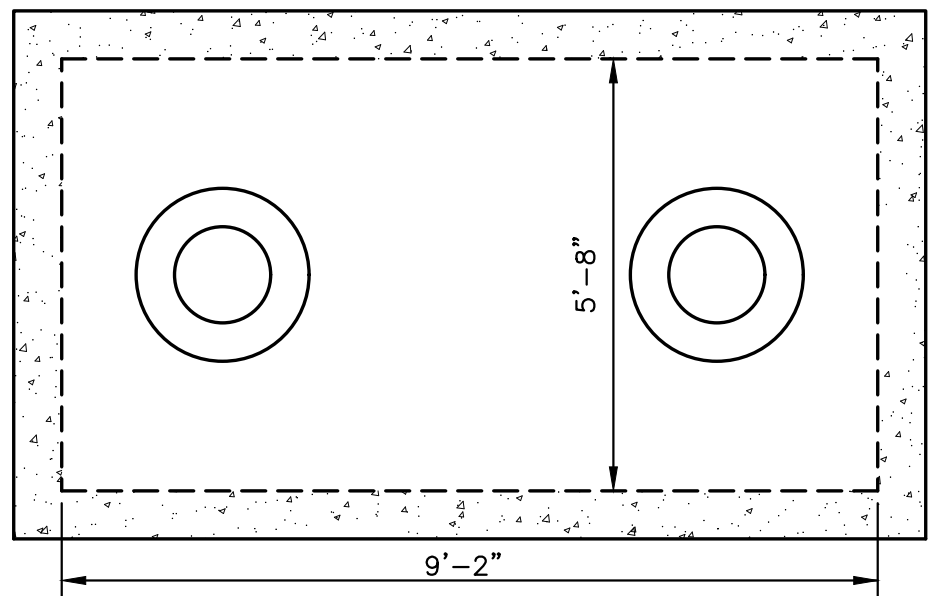
ROOFTOP UNIT CURB DETAIL
NOT TO SCALE 561-01



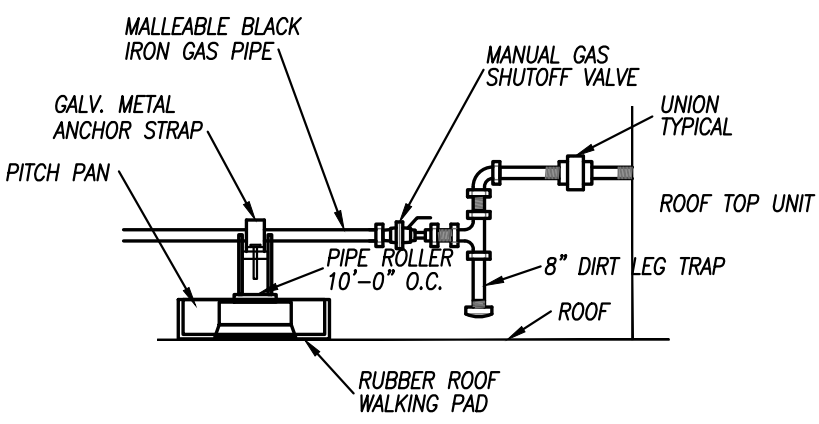
ROOF PIPE CURB PENETRATION
NOT TO SCALE 503-01



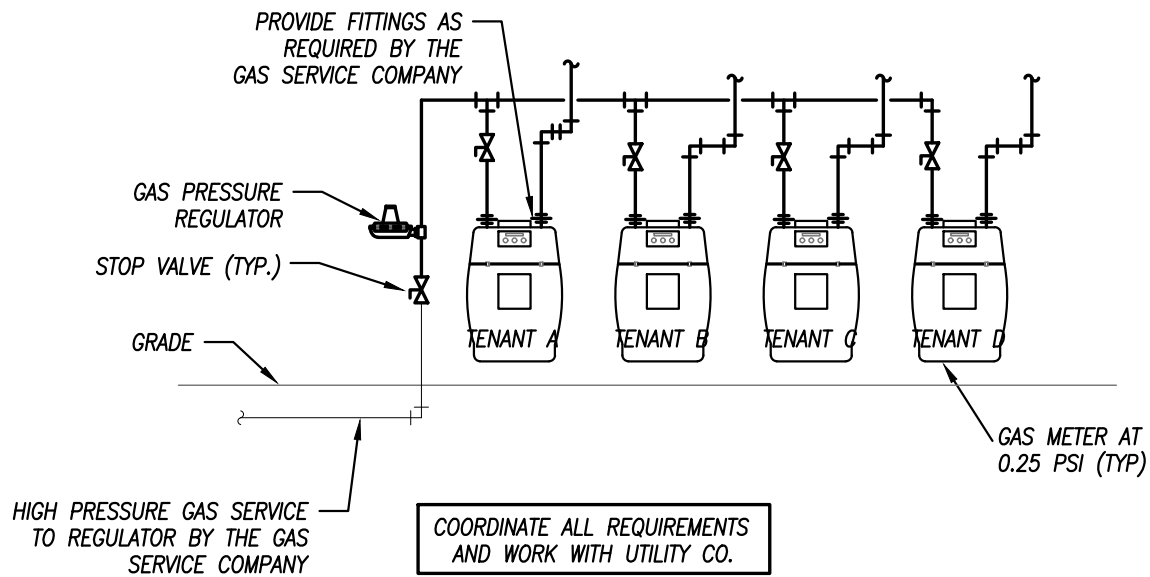
ROOF SUPPORT FOR GAS LINE
NOT TO SCALE 502-07



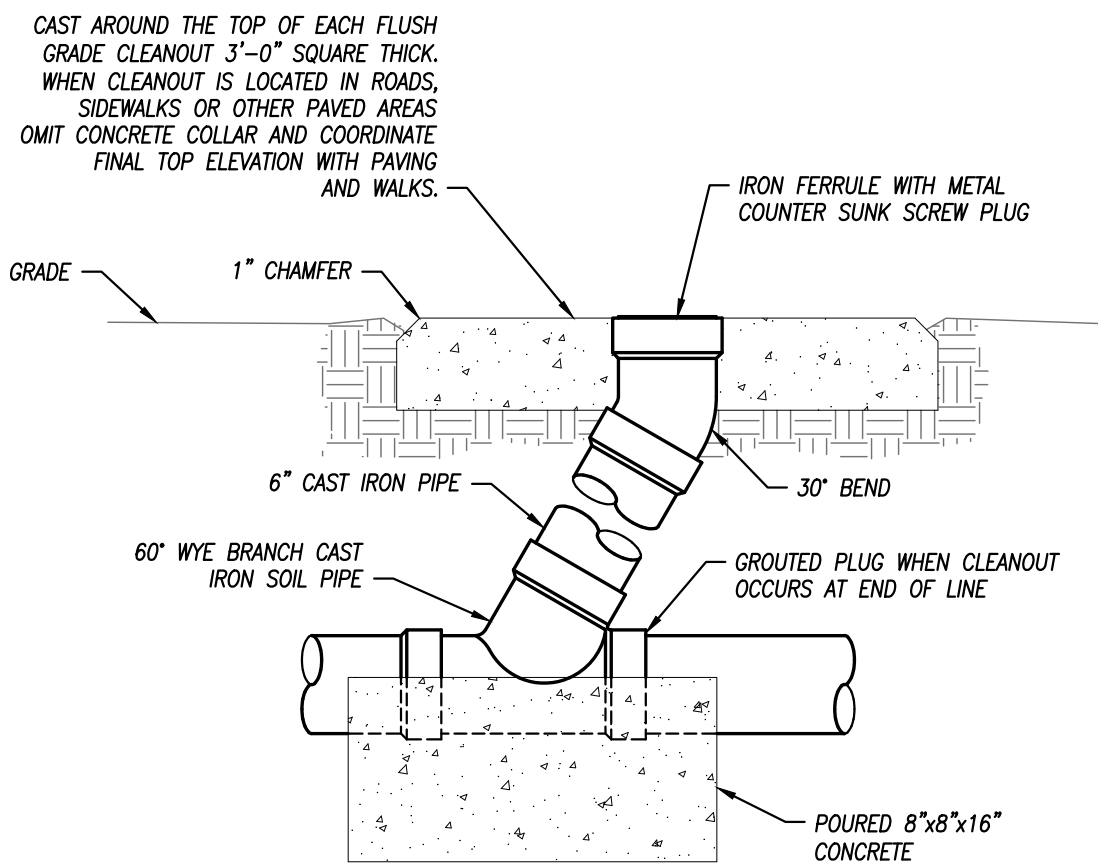
GREASE TRAP DETAIL
NO SCALE



ROOF TOP UNIT GAS CONNECTION DETAIL
NO SCALE



GAS SERVICE DETAIL
NOT TO SCALE



FLUSH GRADE CLEANOUT DETAIL
NOT TO SCALE 525-01

ROOF TOP UNIT SCHEDULE - THREE PHASE ELECTRIC WITH GAS HEAT

PLAN MARK	MANUFACTURER	MODEL NUMBER	SIZE	REFRIGERANT	MINIMUM EFFICIENCY	AIRFLOW	COMPRESSORS	COOLING CAPACITY	CFM	EXTERNAL STATIC	OA CFM	HEATING CAPACITY	ELECTRICAL	WEIGHT	FILTER	NOTES
RTU-1	TRANE	YSC 120 E3	10 TON	R-410A	14.6 IEER	DOWN OR HORIZONTAL	(2) SCROLLS	119,000 BTUH	4,000	1.5"	400	150 MBH	208 V, 3 PH, 60 AMP	1300 LBS	MERV 13	1,2,3
RTU-2	TRANE	YSC 120 E3	10 TON	R-410A	14.6 IEER	DOWN OR HORIZONTAL	(2) SCROLLS	119,000 BTUH	4,000	1.5"	400	150 MBH	208 V, 3 PH, 60 AMP	1300 LBS	MERV 13	1,2,3
RTU-3	TRANE	YSC 092 E3	7.5 TON	R-410A	14.6 IEER	DOWN OR HORIZONTAL	(2) SCROLLS	94,000 BTUH	3,000	1.2"	300	120 MBH	208 V, 3 PH, 50 AMP	1100 LBS	MERV 13	1,2,3
RTU-4	TRANE	YSC 092 E3	7.5 TON	R-410A	14.6 IEER	DOWN OR HORIZONTAL	(2) SCROLLS	94,000 BTUH	3,000	1.2"	300	120 MBH	208 V, 3 PH, 50 AMP	1100 LBS	MERV 13	1,2,3
RTU-5	TRANE	YSC 092 E3	7.5 TON	R-410A	14.6 IEER	DOWN OR HORIZONTAL	(2) SCROLLS	94,000 BTUH	3,000	1.2"	300	120 MBH	208 V, 3 PH, 50 AMP	1100 LBS	MERV 13	1,2,3
RTU-6	TRANE	YSC 060 E3	5 TON	R-410A	14 SEER	DOWN OR HORIZONTAL	(1) SCROLL	60,100 BTUH	2,000	1.0"	200	80 MBH	208 V, 3 PH, 40 AMP	800 LBS	MERV 13	1,2,3
RTU-7	TRANE	YSC 060 E3	5 TON	R-410A	14 SEER	DOWN OR HORIZONTAL	(1) SCROLL	60,100 BTUH	2,000	1.0"	200	80 MBH	208 V, 3 PH, 40 AMP	800 LBS	MERV 13	1,2,3
RTU-8	TRANE	YSC 060 E3	5 TON	R-410A	14 SEER	DOWN OR HORIZONTAL	(1) SCROLL	60,100 BTUH	2,000	1.0"	200	80 MBH	208 V, 3 PH, 40 AMP	800 LBS	MERV 13	1,2,3
RTU-9	TRANE	YSC 092 E3	7.5 TON	R-410A	14.6 IEER	DOWN OR HORIZONTAL	(2) SCROLLS	94,000 BTUH	3,000	1.2"	300	120 MBH	208 V, 3 PH, 50 AMP	1100 LBS	MERV 13	1,2,3
RTU-10	TRANE	YSC 060 E3	5 TON	R-410A	14 SEER	DOWN OR HORIZONTAL	(1) SCROLL	60,100 BTUH	2,000	1.0"	200	80 MBH	208 V, 3 PH, 40 AMP	800 LBS	MERV 13	1,2,3

NOTES LEGEND

1. PROVIDE ROOF CURB, DISCONNECT SWITCH, HAIL GUARDS, AND ECONOMIZER
2. PROVIDE WALL MOUNTED 7-DAY PROGRAMMABLE THERMOSTAT
3. PROVIDE INTERNAL VIBRATION ISOLATION FOR THE RTU FAN AND COMPRESSORS
4. PROVIDE ROOF CURB WITH VIBRATION ISOLATION RAILS

PIPING MATERIAL & INSULATION SCHEDULE

PIPING SYSTEM	SIZE	TYPE/SCHED	MATERIAL	ACCEPTABLE FITTINGS	FIELD TEST PRESSURE/TIME	ALLOWABLE IN PLENUMS	INSULATION TYPE	THICKNESS
DOMESTIC COLD WATER	1/2"-2-1/2"	L	COPPER	SOLDER, PRO-PRESS	130 PSI - 1/2HR	YES	FIBERGLASS W/ ASJ	1/2"
DOMESTIC HOT WATER & HW RETURN	1/2"-2-1/2"	L	COPPER	SOLDER, PRO-PRESS	130 PSI - 1/2HR	YES	FIBERGLASS W/ ASJ	1"
NATURAL GAS - ABOVE GRADE	2-1/2 & Up	SCH. 40	STEEL- SEEMED	WELDED	75 PSI - 1HR	YES	----	----
NATURAL GAS - ABOVE GRADE	1/2"-2"	SCH. 40	STEEL- SEAMLESS	THREADED IRON	75 PSI - 1HR	YES	----	----
SOIL & WASTE BELOW GRADE	2"-8"	SCH. 40	PVC	SOLVENT JOINED	10 FT - 1/2HR	NO	----	----
DOM. WATER SERVICE BELOW GRADE	4"-8"	AWWA C111	DUCTILE IRON	AWWA C111. MECH JOINTS	130 PSI - 1/2HR	YES	----	----
DOM. WATER SERVICE BELOW GRADE	1"-3"	K	COPPER	CONTINUOUS TUBING, BRAZED	130 PSI - 1/2HR	YES	----	----
DOM. WATER SERVICE BELOW GRADE	1"-3"	DR 9	HDPE	CONTINUOUS TUBING, FUSED	130 PSI - 1/2HR	NO	----	----

NOTES

1. ALL PIPING AND MATERIALS IN PLENUMS MUST MEET ASTM E84 FLAME/SMOKE RATING OF 25/50.
2. ALL INSULATION THICKNESSES SHALL MEET ASHRAE 90.1 - 2007 REQUIREMENTS AT A MINIMUM.
3. REFER TO SPECIFICATIONS FOR MORE DETAILED INFORMATION.

FLOOR DRAIN SCHEDULE

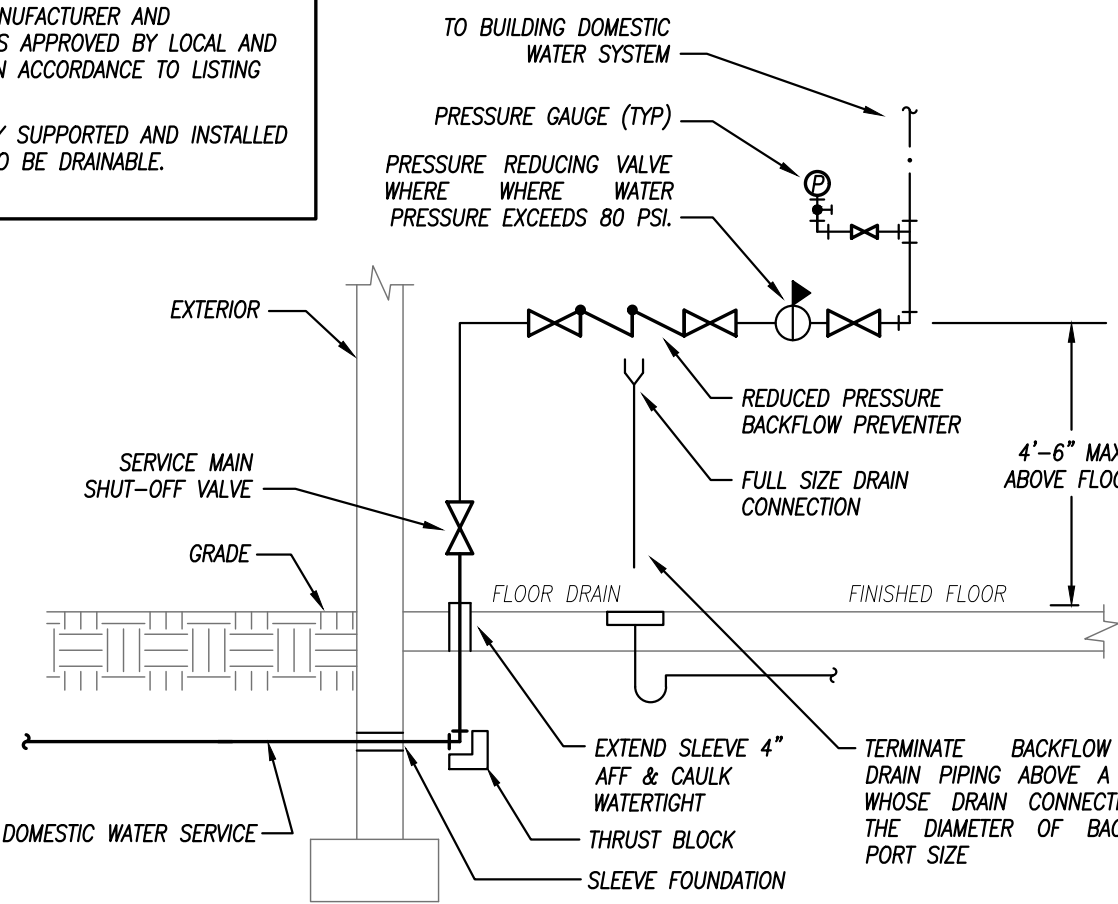
PLAN MARK	MANUFACTURER	MODEL NUMBER	SERVICE	TOPI/GRATE SIZE	WASTE SIZE	REMARKS
FD-1	WADE	1100	FLOOR DRAIN	6"Ø	3"	1
FS-1	WADE	9100	FLOOR SINK	12"x12"	4"	2

REMARKS:

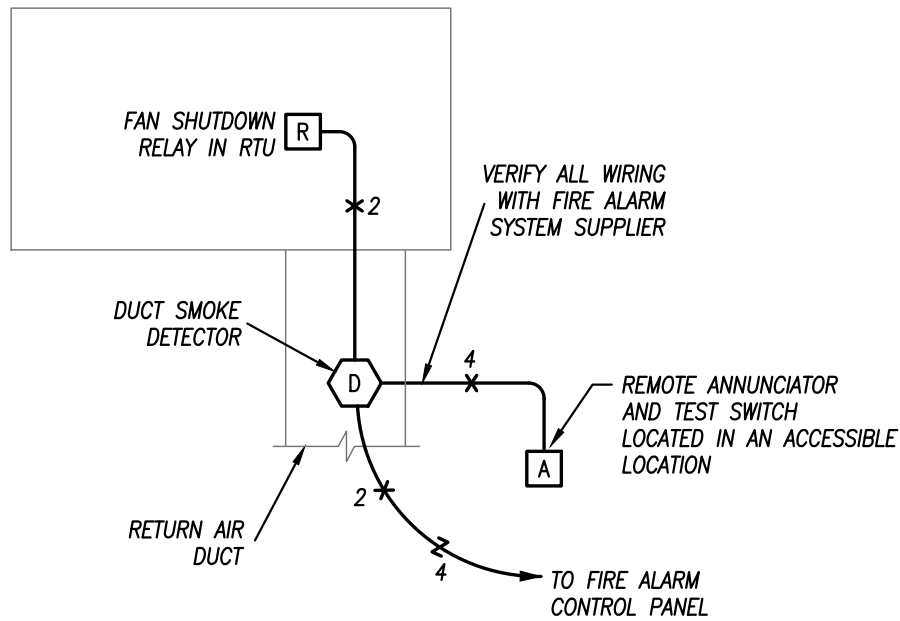
1. PROVIDE WITH NICKEL BRONZE TOP AND TRAP SEAL.
2. PROVIDE WITH 3/4" GRATE.

NOTES:

1. BACKFLOW PREVENTER MANUFACTURER AND INSTALLATION SHALL BE AS APPROVED BY LOCAL AND STATE AUTHORITIES AND IN ACCORDANCE TO LISTING OF DEVICE.
2. ALL PIPING TO BE RIGIDLY SUPPORTED AND INSTALLED IN SUCH A MANNER AS TO BE DRAINABLE.

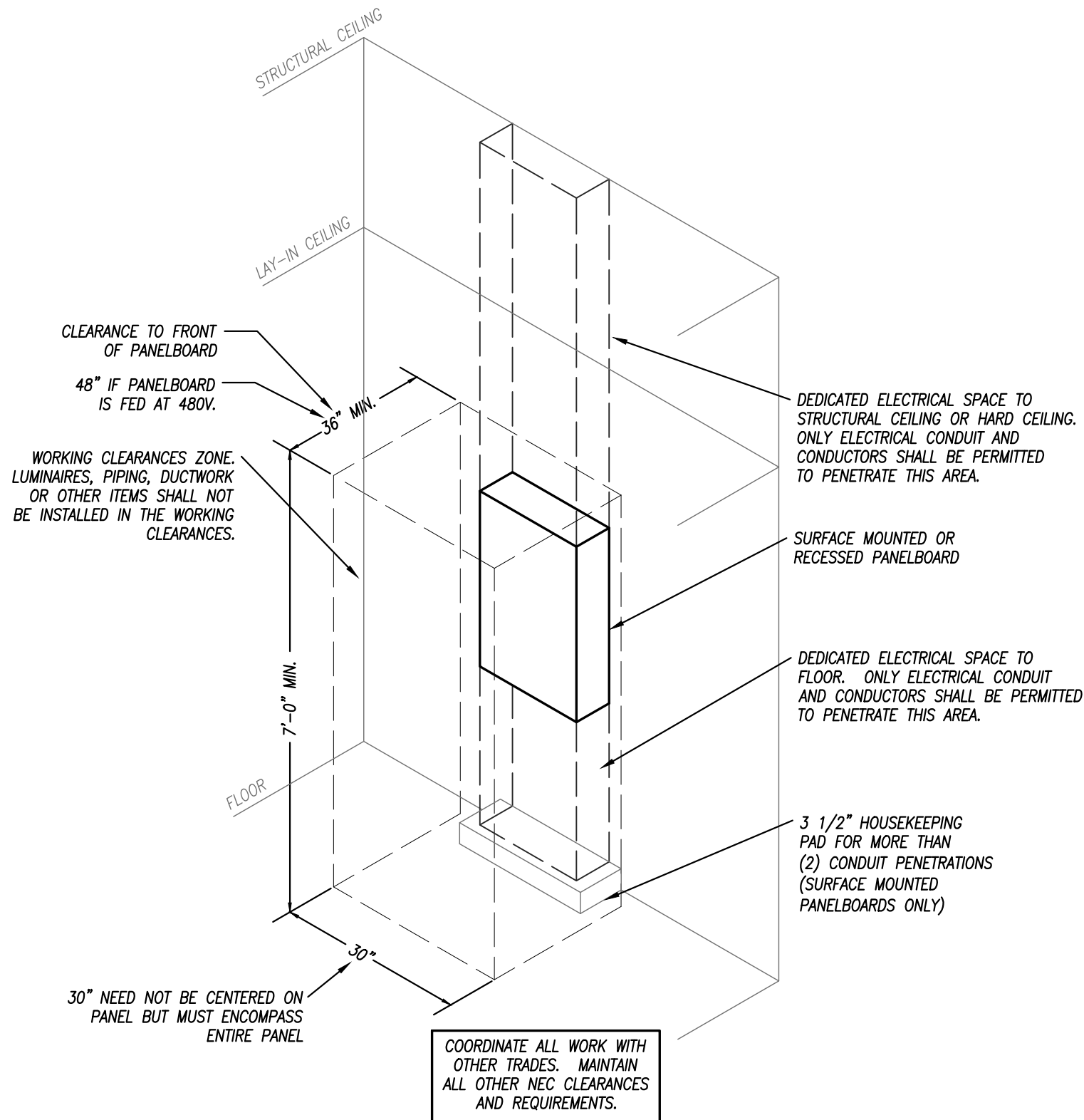


WATER SERVICE REDUCED PRESSURE BACKFLOW PREVENTER DETAIL
NOT TO SCALE KCMO STANDARDS 511-02k



DUCT SMOKE DETECTOR DIAGRAM

NOT TO SCALE



TYPICAL PANELBOARD INSTALLATION DETAIL

NOT TO SCALE

ELECTRIC UNIT HEATER SCHEDULE					
PLAN MARK	MANUFACTURER	MODEL NUMBER	CAPACITY (WATTS)	ELECTRICAL	NOTES
EUH-1	BERKO	FRA1512F	1500 WATTS	120V., 1Ø, 20 AMP	1
EUH-2	-	BY OWNER	5000 WATTS	208V., 1Ø, 30 AMP	2
EUH-3	-	BY OWNER	5000 WATTS	208V., 1Ø, 30 AMP	2
EUH-4	-	BY OWNER	5000 WATTS	208V., 1Ø, 30 AMP	2
EUH-5	-	BY OWNER	5000 WATTS	208V., 1Ø, 30 AMP	2

NOTES LEGEND

1. PROVIDE SURFACE WALL MOUNTED HEATER WITH ADJUSTABLE THERMOSTAT AND DISCONNECT
2. FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. VERIFY ALL ELECTRICAL REQUIREMENTS WITH OWNER.

PANELBOARD SCHEDULE

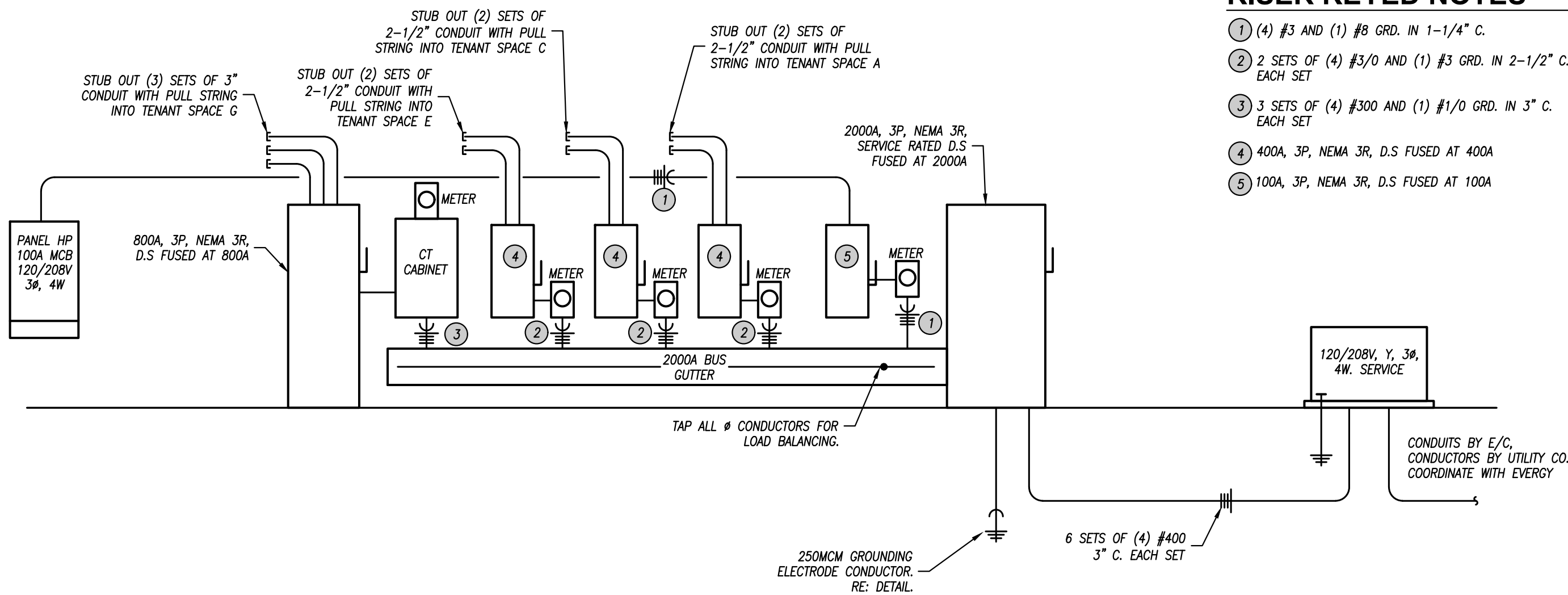
PANEL DESIGNATION	MAIN BUS AMPS: 100		VOLTAGE: 120/240V		MOUNTING: SURFACE	
	MAIN BREAKER: 100		PHASE/WIRE: 3Ø/4W		LOCATION: EXTERIOR	
PANEL TYPE: NEMA 3R				MINIMUM AIC: 22K		
CIRCUIT DESCRIPTION	CKT. NO.	BKR. P	AMP	CKT. NO.	BKR. P	AMP
IRRIGATION CONTROLLER	1	20	1	2	20	1
RECEPTACLES & LIGHTS	1	20	3	4	20	1
ROOFTOP RECEPTACLES	1	20	5	6	20	2
ROOFTOP RECEPTACLES	1	20	7	8		
FACP	1	20	9	10	20	2
EUH-1	1	20	11	12		
ELECTRIC UNIT HEATER (VERIFY)	2	30	13	14	20	1
			15	16	20	1
ELECTRIC UNIT HEATER (VERIFY)	2	30	17	18	20	1
			19	20	20	1
ELECTRIC UNIT HEATER (VERIFY)	2	30	21	22	20	1
			23	24	20	1
ELECTRIC UNIT HEATER (VERIFY)	2	30	25	26		
			27	28		
			29	30		
SPACE						

NOTES:

- NEMA 3R RATED PANEL WITH LOCKABLE COVER
VERIFY BREAKER SIZES FOR ELECTRIC UNIT HEATERS WITH OWNER

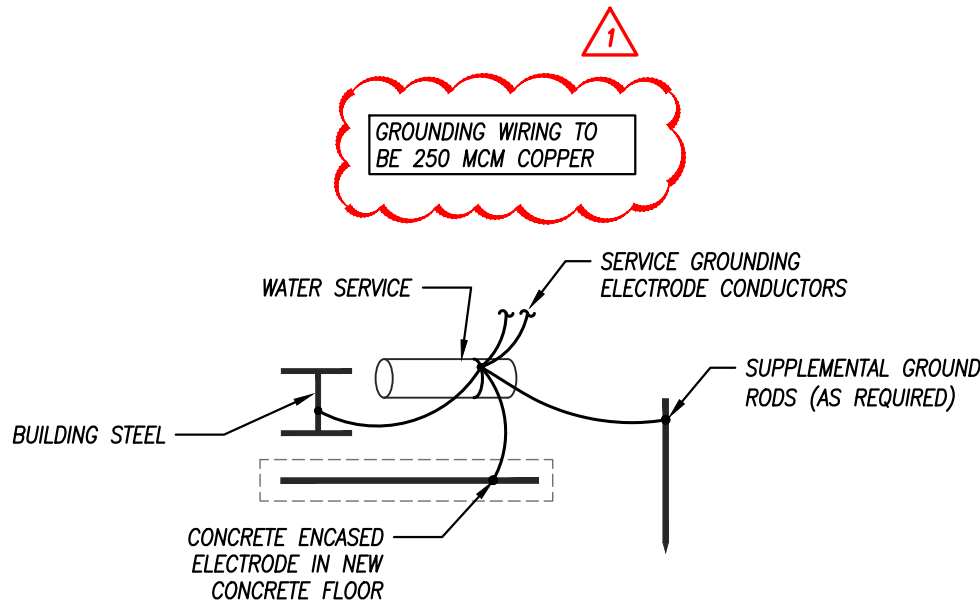
ELECTRICAL RISER KEYED NOTES

1. (4) #3 AND (1) #8 GRD. IN 1-1/4" C.
2. 2 SETS OF (4) #3/0 AND (1) #3 GRD. IN 2-1/2" C. EACH SET
3. 3 SETS OF (4) #300 AND (1) #1/0 GRD. IN 3" C. EACH SET
4. 400A, 3Ø, NEMA 3R, D.S FUSED AT 400A
5. 100A, 3Ø, NEMA 3R, D.S FUSED AT 100A



ELECTRICAL RISER DIAGRAM

NO SCALE



GROUNDING ELECTRODE SYSTEM

N.T.S



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2231 sw wanamaker rd
topeka, kansas 66614-4275
phone: 785.273.7540
fax: 785.273.7579

500 north broadway
oklahoma city, ok 73102
phone: 405.231.3105
fax: 405.231.3115



Bryan Leinwetter - Engineer
MOR PE-2020020297

CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 13
LEES SUMMIT, MISSOURI

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DECEMBER 27, 2023
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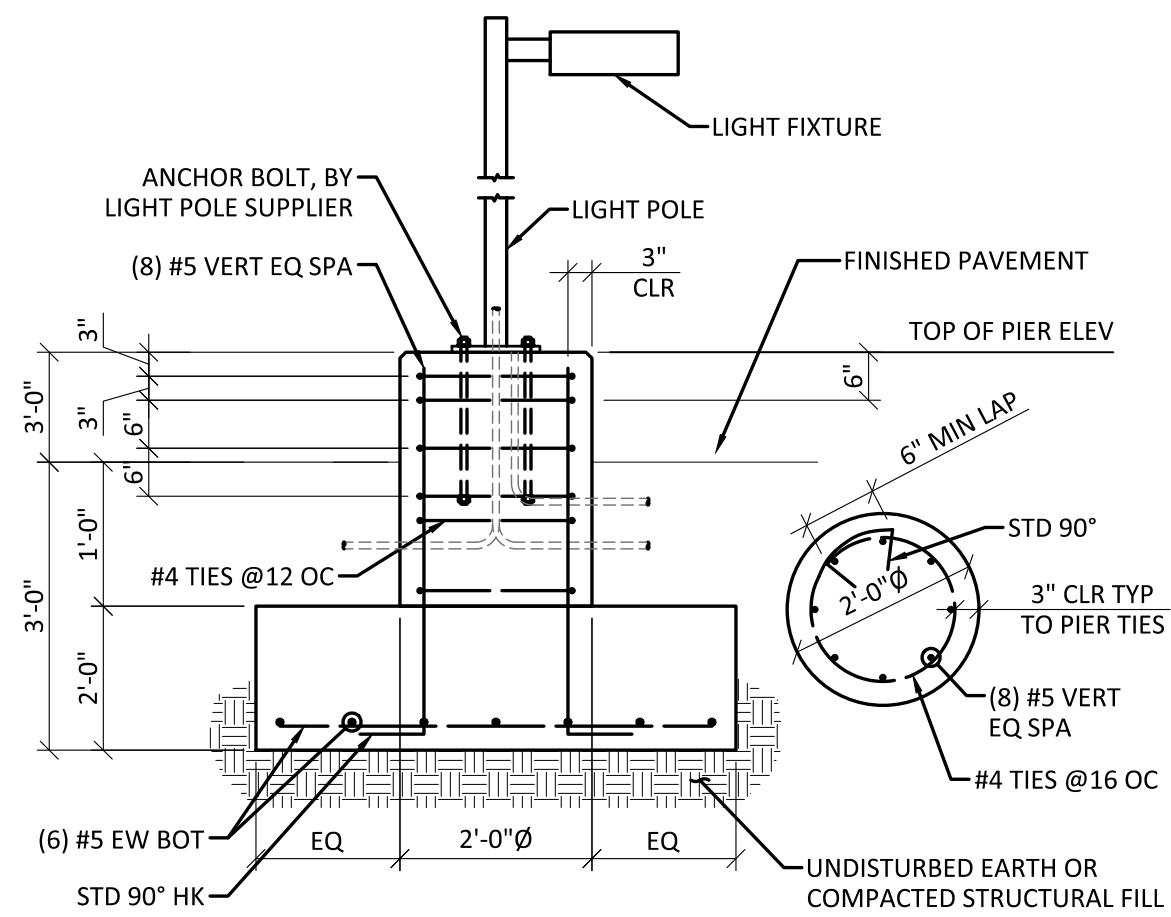
SHEET TITLE
ELECTRICAL DETAILS
& SCHEDULES

PROJECT NUMBER
235008

SHEET NUMBER
E-102



PEARSON KENT MCKINLEY RAAF ENGINEERS LLC
2949 SW WANAMAKER DR., TOPEKA, KANSAS 66614
785.273.2447 WWW.PKURENG.COM

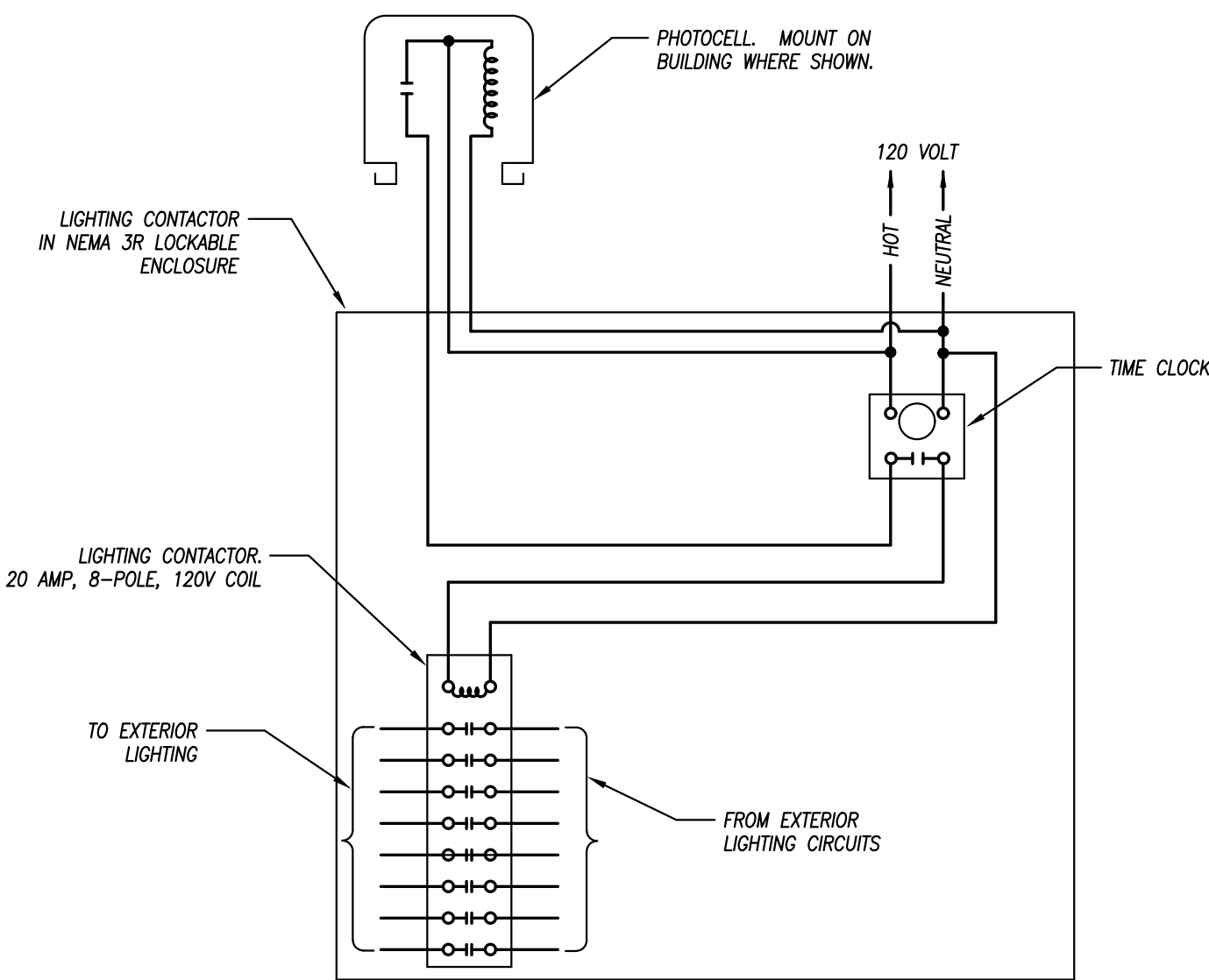


TYPICAL LIGHT POLE BASE DETAIL

SCALE: NONE

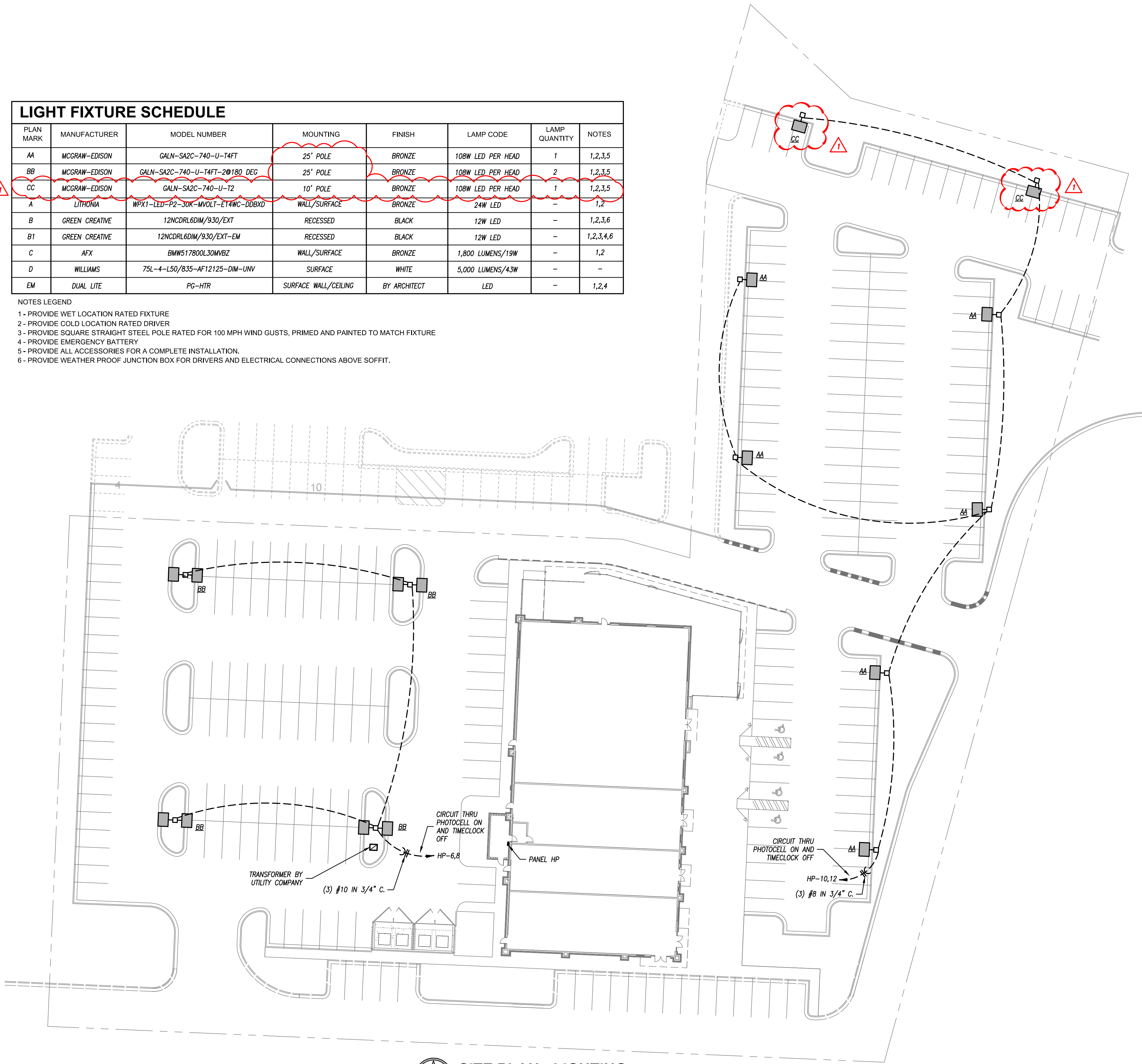
LIGHT FIXTURE SCHEDULE							
PLAN MARK	MANUFACTURER	MODEL NUMBER	MOUNTING	FINISH	LAMP CODE	LAMP QUANTITY	NOTES
AA	MCGRAW-EDISON	GALN-SA2C-740-U-T4FT	25' POLE	BRONZE	108W LED PER HEAD	1	1,2,3,5
BB	MCGRAW-EDISON	GALN-SA2C-740-U-T4FT-2@180 DEG	25' POLE	BRONZE	108W LED PER HEAD	2	1,2,3,5
CC	MCGRAW-EDISON	GALN-SA2C-740-U-T2	10' POLE	BRONZE	108W LED PER HEAD	1	1,2,3,5
A	LITHONIA	WPX1-LED-P2-30K-MVOLT-ET4WC-DOBXD	WALL/SURFACE	BRONZE	24W LED	-	1,2
B	GREEN CREATIVE	12NCDRL6DIM/930/EXT	RECESSED	BLACK	12W LED	-	1,2,3,6
B1	GREEN CREATIVE	12NCDRL6DIM/930/EXT-EM	RECESSED	BLACK	12W LED	-	1,2,3,4,6
C	AFX	BMWS17800L30MYBZ	WALL/SURFACE	BRONZE	1,800 LUMENS/19W	-	1,2
D	WILLIAMS	75L-4-L50/835-AF12125-DIM-UNV	SURFACE	WHITE	5,000 LUMENS/43W	-	-
EM	DUAL LITE	PG-HTR	SURFACE WALL/CEILING	BY ARCHITECT	LED	-	1,2,4

- NOTES LEGEND
- 1 - PROVIDE WET LOCATION RATED FIXTURE
 - 2 - PROVIDE COLD LOCATION RATED DRIVER
 - 3 - PROVIDE SQUARE STRAIGHT STEEL POLE RATED FOR 100 MPH WIND GUSTS, PRIMED AND PAINTED TO MATCH FIXTURE
 - 4 - PROVIDE EMERGENCY BATTERY
 - 5 - PROVIDE ALL ACCESSORIES FOR A COMPLETE INSTALLATION.
 - 6 - PROVIDE WEATHER PROOF JUNCTION BOX FOR DRIVERS AND ELECTRICAL CONNECTIONS ABOVE SOFFIT.



EXTERIOR LIGHTING CONTROL

NOT TO SCALE



SITE PLAN - LIGHTING

1" = 30'-0"



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2949 SW WANAMAKER DR., TOPEKA, KANSAS 66614
785.273.2447 WWW.PKMRENG.COM



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architecture|interiors|planning

2231 sw wanamaker rd
topeka, kansas 66614-4275
phone: 785.273.7540
fax: 785.273.7579

500 north broadway
oklahoma city, ok 73102
phone: 405.221.3105
fax: 405.231.3115



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MOR PE-2020020297

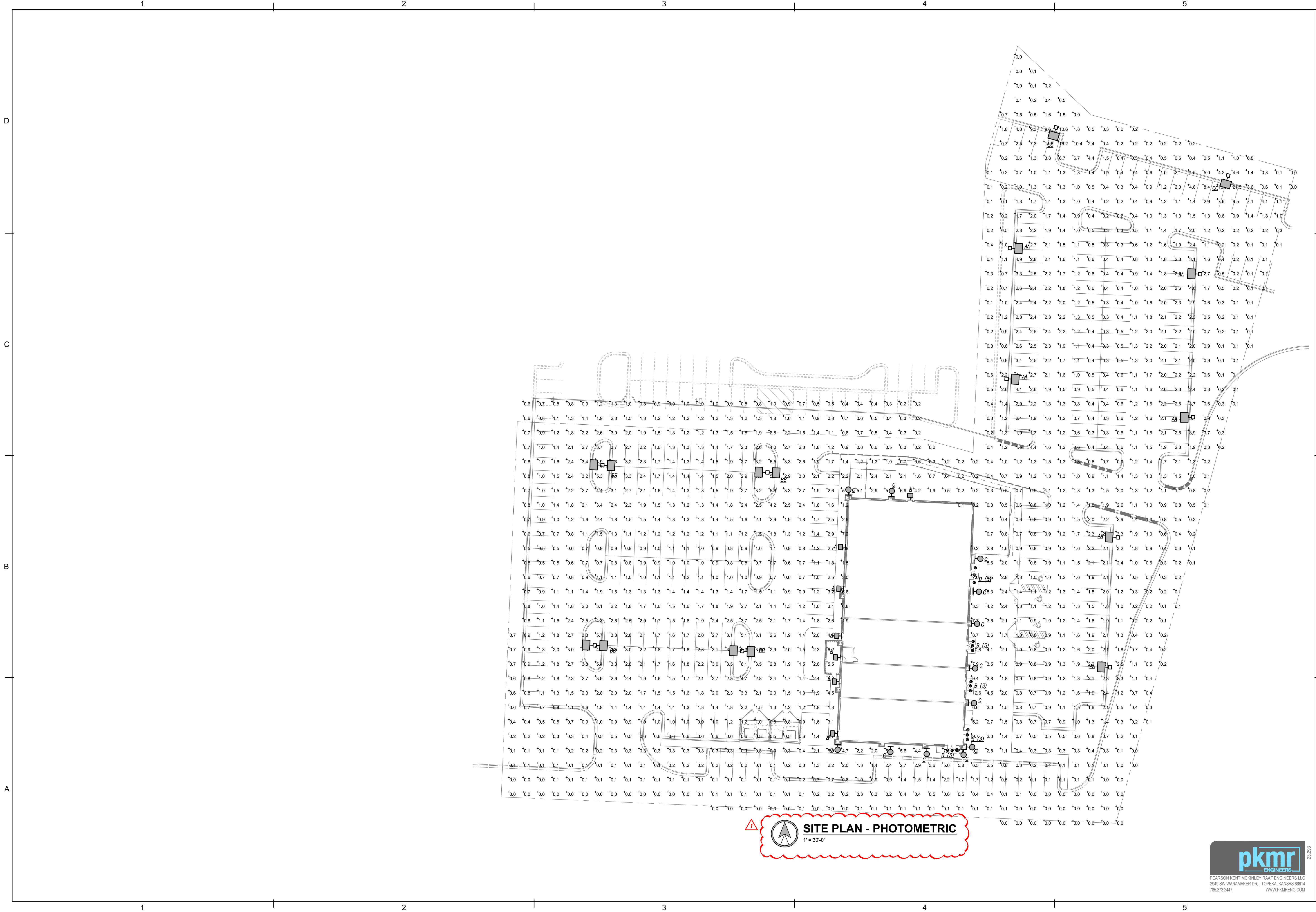
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SITE LIGHTING
PLAN

PROJECT NUMBER
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architecture|interiors|planning
2231 sw wanamaker rd suite 303
topeka, kansas 66614-4275
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SHEET TITLE
SITE PHOTOMETRIC
PLAN

PROJECT NUMBER
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SHEET NUMBER
E-203



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785.273.2447 WWW.PKMRENG.COM