

GENERAL NOTES	
<p>A. ALL CONTRACTORS ARE RESPONSIBLE FOR PROVIDING COMPLETE INSTALLATION OF ALL COMPONENTS AND SHALL COORDINATE THEIR SCOPE OF WORK WITH ALL OTHER TRADES PRIOR TO SUBMITTING BIDS TO ENSURE THERE ARE NO MISSING OR DUPLICATE COMPONENTS WITH-IN THEIR SCOPE</p> <p>B. DO NOT SCALE DRAWINGS. USE INDICATED DIMENSIONS ONLY.</p> <p>C. SHOULD A CONTRACTOR FIND DISCREPANCIES OR AMBIGUITIES IN OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, OR BE IN DOUBT ABOUT THEIR MEANING, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.</p> <p>D. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE JOB DURING CONSTRUCTION LAYOUT AND ADVISE THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PERFORMING ANY WORK.</p> <p>E. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS ON-SITE AND ADVISING ARCHITECT OF ANY DISCREPANCIES WITH DEMOLITION OR NEW WORK PLANS PRIOR TO PERFORMING ANY WORK.</p> <p>F. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF ANY UNFORESEEN STRUCTURAL OR UTILITY RELATED ISSUES ARISE DURING DEMOLITION OR EXCAVATION.</p> <p>G. ALL SPECIFIED ITEMS SHALL BE PROVIDED AND INSTALLED PER MANUFACTURERS WRITTEN REQUIREMENTS</p>	
BUILDING CODE INFORMATION	
BUILDING CODE	2015 MICHIGAN BUILDING CODE
ENERGY CODE	2015 MICHIGAN ENERGY CODE (ASHRAE 90.1-2013)
PLUMBING CODE	2015 MICHIGAN PLUMBING CODE
MECHANICAL CODE	2021 MICHIGAN MECHANICAL CODE
ELECTRICAL CODE	2023 NATIONAL ELECTRIC CODE (NEC)
ACCESSIBILITY	ICC A117.1-2009

PROJECT CRITERIA	THERMAL
	ASHRAE 90.1-2013 TABLE 5.5-5 CLIMATE ZONE 5 FOR COMMERCIAL PROJECTS (DESCRIBE EACH SYSTEM) ROOF (INSULATION ABOVE DECK) REQUIRED R-30 C.I. PROVIDED R-30 C.I. EXTERIOR WALLS (STEEL FRAMED) REQUIRED R-13 + R10 C.I. PROVIDED R-7 C.I. FOUNDATION INSULATION (WALLS BELOW GRADE) REQUIRED R-7.5 C.I. PROVIDED R-7 C.I. OPAQUE DOORS U-FACTOR (SWINGINING) 0.50 (MAX) U-FACTOR (NON-SWING) FENESTRATION (FIXED METAL FRAMING) U-FACTOR 0.42 (MAX) SHGC 0.40 (MAX)
	PROJECT TEAM
	<div><div><div><div></div><div>ABONMARCHÉ</div></div><div>ARCHITECTURAL / CIVIL / STRUCTURAL / INT DESIGN ABONMARCHÉ BYCE 306 S Kalamazoo Mall Kalamazoo, MI 49007</div></div></div>

Site Plan Review
Received: 09/12/2025
City of Kalamazoo
E.Szymanski

NEW FACILITY

ECUMENICAL SENIOR CENTER



KALAMAZOO, MI

PERSPECTIVE VIEW	
VICINITY MAP	LOCATION MAP

SHEET INDEX			
TITLE SHEETS			
T1.1	TITLE SHEET		
SITE DRAWINGS			
C1.0	DEMOLITION PLAN		
C2.0	SITE PLAN		
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C4.0	UTILITY PLAN		
C5.0	LANDSCAPE PLAN		
C6.0	DETAILS		
C6.1	DETAILS		
C6.2	DETAILS		
C6.3	DETAILS		
C6.4	DETAILS		
C6.5	DETAILS		
C6.6	DETAILS		
ARCHITECTURAL DRAWINGS			
A1.1	FIRST FLOOR - CONSTRUCTION PLAN		
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ELECTRICAL DRAWINGS			
E1.0	ELECTRICAL SITE PLAN		
E9.0	SITE PHOTOMETRIC PLAN		
<ALTERNATES>			
ALTERNATE #1			
BASE BID:		PROVIDE...	
ALTERNATE #1:		IN LIEU OF BASE BID, PROVIDE...	
NO.		REVISION DESCRIPTION	
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ABONMARCHÉ

BYCE

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Fort Wayne
Valparaiso

Cochran
Lafayette
South Bend
Valparaiso

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Engineering, Architecture, Land Surveying

PROJECT:

NEW FACILITY
ECUMENICAL SENIOR
CENTER
702 N. BURDICK ST.
KALAMAZOO, MI 49007

FOR SITE PLAN APPROVAL

TITLE SHEET

SHEET TITLE:

MODELED BY: JCA

DESIGNED BY: MSF

PM REVIEW: CW

QA/QC REVIEW: SK

DATE: 2025.09.05

SEAL:

SIGNATURE:

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ACI JOB #
21100109

SHEET NO.

T1.1

BOUNDARY AND TOPOGRAPHIC SURVEY
IN THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 2 SOUTH, RANGE 11 WEST, CITY OF KALAMAZOO, KALAMAZOO COUNTY, MICHIGAN

LEGEND

- ▶ = SET MAG NAIL W/ WASHER ID #71316
● = FOUND 1/2" REBAR W/ CAP ID #65181
▶ = FOUND MAG NAIL, 0.5' EAST OF CORNER
♂ = UTILITY POLE
C = GUY WIRE
EM = ELECTRIC METER
⊕ = STEEL SIGNAL POLE
Ⓣ = TELEPHONE MANHOLE
♂ = TELE MARKER FLAG
W = WATER VALVE
F = FIRE HYDRANT
W = WATER MANHOLE
W = WATER SHUTOFF
W = WATER SPIGOT
B = BLUE PAINT
SM = STORM MANHOLE
C = CURB INLET
CB = CATCH BASIN
SM = SANITARY MANHOLE
MH = MANHOLE
S = SIGN
B = BOLLARD
P = POST IN PLANTER BOX
D = DECIDUOUS TREE
ELM = ELM
GIN = GINKO
LOC = LOCUST
MAP = MAPLE
PEA = PEAR
SYC = SYCAMORE
WAL = WALNUT
NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988
CONC = CONCRETE
X772.84' = SPOT ELEVATION
OHE = OVERHEAD UTILITY LINES
SA = APPROXIMATE SANITARY SEWER LOCATION
ST = APPROXIMATE STORM SEWER LOCATION
W = APPROXIMATE WATER LOCATION
G = APPROXIMATE BURIED GAS LOCATION

SIGNIFICANT OBSERVATIONS

A	6' CHAIN LINK FENCE END, 0.2' NORTH & 2.7' WEST OF CORNER
B	6' CHAIN LINK FENCE, 0.2' NORTH OF CORNER
C	6' CHAIN LINK FENCE INTERSECTS LINE, 21.6' EAST OF CORNER
D	6' CHAIN LINK FENCE CORNER, 0.3' SOUTH OF CORNER
E	CORNER OF ASPHALT, 3.1' WEST OF LINE
F	6' CHAIN LINK FENCE CORNER, 0.5' NORTH & 0.1' WEST OF CORNER
G	EDGE OF SIDEWALK INTERSECTS LINE, 0.1' NORTH OF CORNER
H	CORNER OF ASPHALT AND CONCRETE, 0.5' NORTH & 4.3' WEST OF CORNER
I	6' CHAIN LINK FENCE INTERSECTS LINE, 30.9' WEST OF CORNER
J	6' CHAIN LINK FENCE CORNER, 0.3' SOUTH OF LINE
K	6' CHAIN LINK FENCE INTERSECTS LINE, 64.0' WEST OF CORNER
L	6' CHAIN LINK FENCE END, 0.3' NORTH OF LINE
M	6' CHAIN LINK FENCE END, 0.3' NORTH OF LINE
N	EDGE OF ASPHALT INTERSECTS LINE, 82.7' EAST OF CORNER
O	6' CHAIN LINK FENCE INTERSECTS LINE, 66.2' EAST OF CORNER
P	EDGE OF ASPHALT INTERSECTS LINE, 52.7' EAST OF CORNER
Q	6' CHAIN LINK FENCE END, 0.2' SOUTH OF LINE
R	BUILDING CORNER, 0.2' SOUTH OF LINE
S	BUILDING OVERHANG CORNER, 0.7' SOUTH OF LINE
T	BUILDING CORNER, 0.3' SOUTH OF LINE
U	BUILDING INTERSECTS LINE, 10.5' EAST OF CORNER
V	BUILDING OVERHANG CORNER, 1.0' SOUTH OF LINE
W	BUILDING OVERHANG CORNER, 5.0' EAST OF CORNER
X	BUILDING OVERHANG CORNER ON LINE, 4.8' NORTH OF CORNER
Y	BUILDING CORNER, 0.8' EAST OF LINE
Z	BUILDING CORNER, 0.2' SOUTH & 0.5' EAST OF CORNER
AA	EDGE OF CONCRETE, INTERSECTS LINE
BB	CONCRETE BLOCK WALL INTERSECTS LINE, 2.4' EAST OF CORNER
CC	CONCRETE BLOCK WALL INTERSECTS LINE, 3.1' EAST OF CORNER
DD	WALL FACE & EDGE OF ASPHALT INTERSECTS LINE, 50.7' SOUTH OF LINE
EE	BUILDING CORNER, 0.1' SOUTH OF LINE
FF	BUILDING CORNER & CORNER OF ASPHALT, 2.2' NORTH OF LINE
GG	BUILDING CORNER, CORNER OF ASPHALT, & 6' WOOD PRIVACY FENCE END, 2.2' NORTH OF LINE
HH	6' WOOD PRIVACY FENCE CORNER, 0.3' NORTH OF LINE
II	PERGOLA CORNER, 1.7' SOUTH OF LINE
JJ	PERGOLA CORNER, 2.0' SOUTH OF LINE
KK	6' WOOD PRIVACY FENCE INTERSECTS LINE, 18.6' WEST OF CORNER
LL	6' WOOD PRIVACY FENCE CORNER, 0.2' SOUTH & 0.3' EAST OF CORNER
MM	6' WOOD PRIVACY FENCE INTERSECTS LINE, 19.6' NORTH OF CORNER
NN	EDGE OF ASPHALT INTERSECTS LINE, 23.1' NORTH OF CORNER
OO	6' WOOD PRIVACY FENCE END, 3.1' WEST OF LINE
PP	6' WOOD PRIVACY FENCE & CORNER OF ASPHALT, 0.8' WEST OF LINE
QQ	EDGE OF ASPHALT INTERSECTS LINE, 23.0' SOUTH OF LINE
RR	CORNER OF ASPHALT, 0.1' EAST OF LINE
SS	CORNER OF ASPHALT, 5.7' SOUTH & 0.7' EAST OF CORNER

LEGAL DESCRIPTION AS PROVIDED:

CITY OF KALAMAZOO, COUNTY OF KALAMAZOO, STATE OF MICHIGAN

PARCEL 1: THE SOUTH 80.5 FEET OF LOTS 11 AND 12, BLOCK 44, OF "T.C. SHELTON'S ADDITION TO THE CITY OF KALAMAZOO", ACCORDING TO THE PLAT THEREOF AS RECORDED IN LIBER 3 OF PLATS ON PAGE 16.

PARCEL 2: LOT NUMBER (10) OF BLOCK NUMBER (44) OF SHELTON'S ADDITION TO THE VILLAGE (NOW CITY) OF KALAMAZOO.

ALSO: COMMENCING AT THE SOUTHWEST CORNER OF LOT NUMBER THREE (3) IN BLOCK NUMBER FORTY-FOUR (44) OF SHELTON'S ADDITION TO THE VILLAGE (NOW CITY) OF KALAMAZOO, AND RUNNING THENCE NORTH ON THE WEST LINE OF SAID LOT, TWENTY-FIVE (25) FEET, THENCE EAST TO THE EAST LINE OF SAID LOT, THENCE SOUTH ON THE EAST LINE OF SAID LOT TO THE SOUTHEAST CORNER THEREOF, THENCE WEST ON THE SOUTH LINE OF SAID LOT TO THE PLACE OF BEGINNING.

NOTE:

THE UNDERGROUND UTILITIES SHOWN, HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

REVISIONS

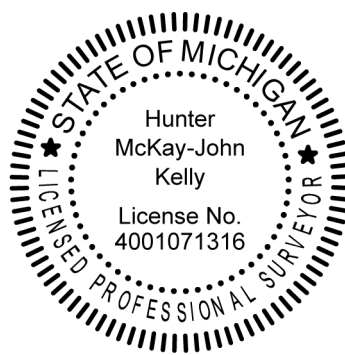
DATE: JANUARY 7, 2025
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BOUNDARY AND
TOPOGRAPHIC
SURVEY

Job No. 214249

1 OF 1

01/07/2025
DATE

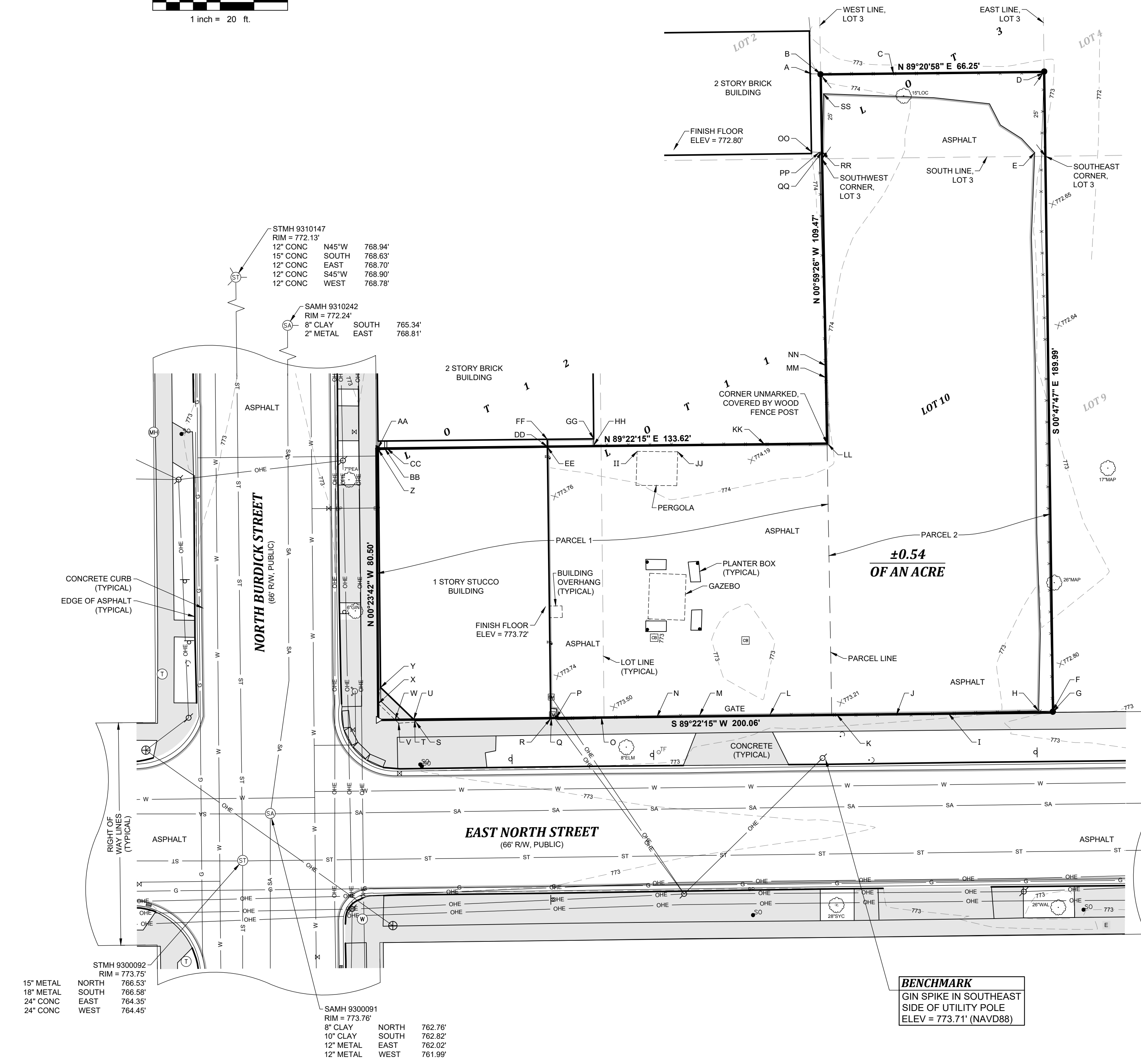
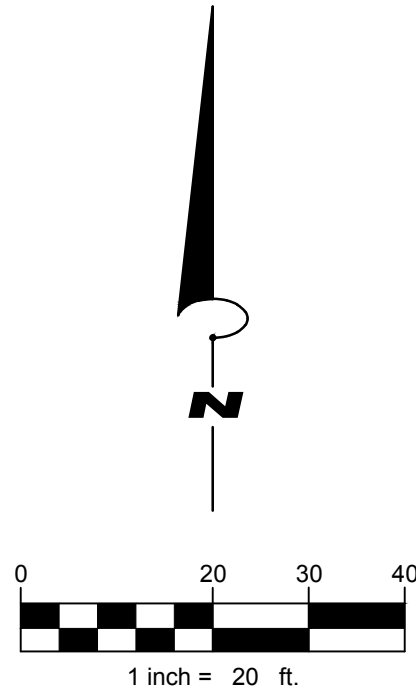


Hunter Kelly
Hunter McKay-John Kelly
License No. 4001071316
hkelly@gowightman.com

BENCHMARK
GIN SPIKE IN SOUTHEAST
SIDE OF UTILITY POLE
ELEV = 773.71' (NAVD88)

SAMH 9310788
RIM = 772.07'
12" CLAY WEST 761.01'
15" CLAY EAST 761.03'
10" CLAY NORTH 761.77'
12" CLAY SOUTH 761.77'

STMH 9310789
RIM = 772.01'
12" METAL NORTH 764.80'
24" CONC EAST 762.45'
12" METAL SOUTH 764.91'
24" CONC WEST 762.77'



SITE NOTES:

- CONSTRUCTION TO BE IN COMPLIANCE WITH REQUIREMENTS OF STATE AND LOCAL AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO START OF WORK.
- VERIFY ALL EXISTING SITE CONDITIONS AND FIELD VERIFY ALL DIMENSIONS.
- ANY DISCREPANCIES BETWEEN FIELD SITE CONDITIONS AND PLANS SHALL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
- ALL CONSTRUCTION DETAILS ILLUSTRATED ON DETAIL SHEETS SHALL BE APPLIED TO PROPOSED WORK SCOPE, AS APPLICABLE.
- BUILDING SITE ADDRESSES SHALL BE IDENTIFIED, PLAINLY LEGIBLE AND VISIBLE FROM ADJACENT ROAD FRONTAGES: SITE ADDRESS TO BE IDENTIFIED AS FOLLOWS:
 - ADDRESS NUMBERS AND STREET NAME SHALL CONTRAST WITH THEIR BACKGROUND.
 - PROPERTIES FRONTING MORE THAN ONE STREET SHALL IDENTIFY THE ADDRESS(ES) BY BOTH NUMBER AND STREET NAME ON EACH SIDE OF FRONTAGE.
 - COMMERCIAL STRUCTURES SHALL HAVE ADDRESS NUMBERS AT LEAST 12" TO 24" HT.
 - ADDRESS LETTERS INDICATING STREET NAMES SHALL BE 6" TO 24" HT. TO BE APPROVED.
 - THE AHJ RESERVES THE RIGHT TO IMPLEMENT FIELD ADJUSTMENTS AS NEEDED.
- SCOPE OF WORK SHALL INCLUDE REMOVAL AND REPLACEMENT OF EXISTING CONCRETE CURB & GUTTER AND BITUMINOUS PAVEMENT IN RIGHT OF WAY AS REQUIRED TO FACILITATE PROPOSED UTILITY CONNECTIONS.
- ALL DISTURBED LAWN AREAS SHALL BE EQUIPPED WITH TOPSOIL, SEED & MULCH. SEED MIX SHALL MATCH EXISTING LAWN TURF.
- CONTRACTOR SHALL PROVIDE AS-BUILT DOCUMENTATION OF ALL WORK TO PROJECT MANAGER UPON PROJECT COMPLETION.
- CONTRACTOR SHALL FURNISH AND INSTALL 3200 SERIES KNOX BOX(ES), MOUNTED UNOBSTRUCTED AND VISIBLE 5 FT ABOVE FINISH GRADE NEAR MAIN ACCESS DOORS ON EACH SIDE OF BUILDING. DEVICES MAY ONLY BE PURCHASED AT WWW.KNOXBOX.COM
- FURNISH & INSTALL KNOX ELEVATOR KEY BOX ADJACENT TO ALL ELEVATORS IN ACCORDANCE WITH FIRE MARSHAL REQUIREMENTS.
- BUILDING FIRE DEPARTMENT CONNECTION (FDC) SHALL SATISFY ALL CITY PUBLIC SAFETY REQUIREMENTS:
 - FDC SHALL BE IDENTIFIED BY A FIRE DEPARTMENT APPROVED SIGN, MOUNTED STREET FACING SIDE OF BUILDING.
 - FDC SHALL HAVE KNOX 5" LOCKING STORZ FDC PLUGS MODEL 5002.
 - INSTALL FDC SIGN, BUILDING MOUNTED, 10 FT ABOVE GRADE & A SECOND SIGN MOUNTED ABOVE OBSTRUCTIONS.
 - FDC SIGN SHALL ILLUSTRATE FDC LETTERS AT 6" MIN HT. IN ARABIC OR HELVETIC STYLE FONT. SIGN SHALL BE REFLECTIVE WITH WHITE LETTERS & RED BACKGROUND.
 - FDC SHALL HAVE EXTERIOR RATED HORN AND STROBE DEVICE ABOVE THE FDC AT A MINIMUM OF 10' ABOVE GRADE. DEVICE SHALL BE IN CLEAR VIEW TO APPROACHING FIRE APPARATUS. HORN AND STROBE SHALL REMAIN ACTIVE UNTIL MANUALLY RESET.
 - FDC SIGNS & LOCATIONS ARE SUBJECT TO FIRE MARSHAL APPROVAL.
 - FDC SHALL BE FULLY VISIBLE & RECOGNIZABLE FROM THE STREET.
 - FDC SHALL BE LOCATED IN A LOCATION APPROVED BY FIRE MARSHAL'S OFFICE.
- ALL EXTERIOR DOORS FOR EQUIPMENT ROOMS SHALL BE LABELED ACCORDINGLY.
- SITE WORK CONTRACTOR SHALL OBTAIN ROW PERMIT FROM CITY OF KALAMAZOO. COORDINATE PERMIT REQS WITH CITY OF KALAMAZOO ENGINEERING DIVISION AT (269) 337-8533 OR ROWPERMIT@KALAMAZOOCITY.ORG. NO DEMOLITION WITHIN RIGHT OF WAY CAN BEGIN UNTIL PERMIT IS APPROVED BY CITY.

KEYED SITE NOTES:

- 5'-0" HT DECORATIVE ALUMINUM FENCE PER DETAIL 4 SHEET C6.2
- VEHICULAR SLIDE GATE: 5 FT HT. ALUM. CANTILEVER VEHICULAR GATES, (2) 12 FT WIDE GATES. BOTH GATES SHALL OPEN FULLY AND ALLOW CLEAR 24 FT WIDE FIRE ACCESS LANE. GATES SHALL BE ABLE TO BE OVERRIDDEN USING KNOX GATE CONTROLLER MODEL 3501.
- PEDESTRIAN GATE: 5 FT HT. ALUM. SWING GATE WITH EMERGENCY EGRESS PUSH EXIT.
- 6 FT METAL SCREENING AT DUMPSTER ENCLOSURE TO MATCH ARCHITECTURAL SIDING
- NEW BITUMINOUS @ EXISTING, SEE DETAIL 2, SHEET C6.0
- BITUMINOUS PAVEMENT, SEE DETAIL 3, SHEET C6.0
- CONCRETE CURB & GUTTER, SEE DETAIL 5, SHEET C6.0
- GRAVEL MULCH, SEE LANDSCAPE PLANS
- BOLLARD, SEE DETAIL 7, SHEET C6.0
- SIGN POST, SEE DETAIL 8, SHEET C6.0
- CONCRETE WHEEL STOP, SEE DETAIL 6, SHEET C6.0
- SIDEWALK AT DRIVEWAY OPENING, SEE DETAIL 10, SHEET C6.0
- DRIVEWAY OPENING, SEE DETAIL 11, SHEET 6.0
- SURFACE MOUNT BICYCLE HOOP, (6) SPACES
- PATCH PAVEMENT TO MATCH EXISTING, SEE DETAIL 9, SHEET C6.0
- STREETSCAPE PLANTING BOX. SEE LANDSCAPE PLANS

FIRE MARSHAL FENCE REQUIREMENT:
SECURITY GATES RESTRICTING ACCESS SHALL BE APPROVED PURSUANT TO CODE. APPROVED FENCES, GATES, OR OTHER BARRIERS SHALL BE ACCESSED THROUGH KNOX PADLOCKS OR ACCESS SWITCHES.

SIGN SCHEDULE						
MARK	S-1	S-2	S-3	S-4	S-5	S-6
SIGN VISUAL						
DIMENSION	12x18"	12x18"	12x18"	30x30"	CoK STD.'S	12x18"
QUANTITY	4	1	1	1	1	1

NOTE:
DUMPSTER ENCLOSURE SUBJECT TO CHANGE DEPENDING ON OWNER FINAL SELECTION OF PREFERRED SERVICE PROVIDER.
CONFIRM ENCLOSURE MEETS REQUIREMENTS OF SERVICE PROVIDER

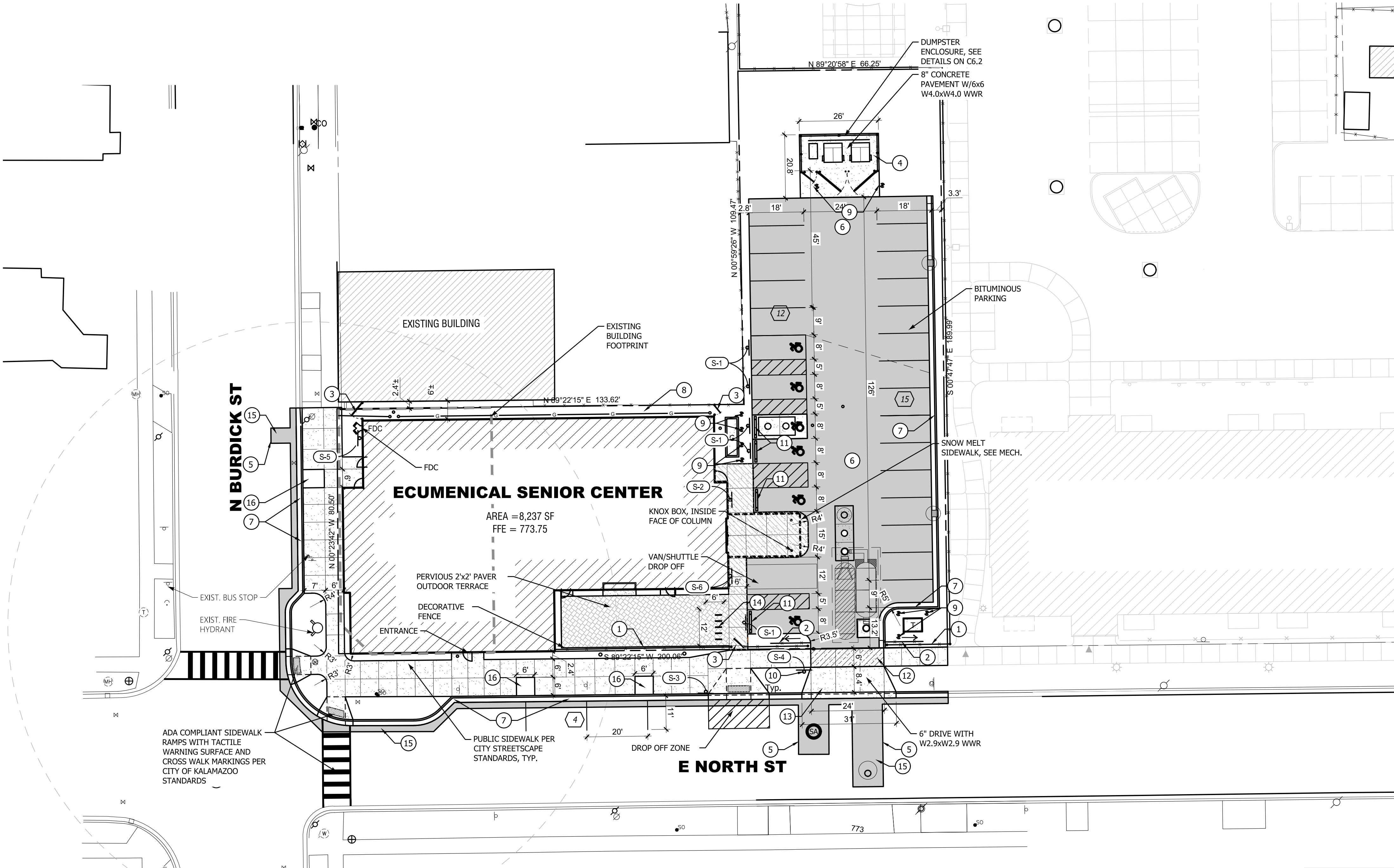
FORM BASED ZONING CODE REQUIREMENTS		
ZONING	LIVE-WORK 1	
TYPE	CIVIC	
REQUIREMENT		ACTUAL PROPOSED
MULTIPLE PRINCIPAL BUILDINGS	YES	NO
FRONT LINE COVERAGE	N/A	N/A
OCCUPATION OF CORNER	YES	YES
FRONT BUILD-TO-LINE	0 - 25 FT	0 - 25 FT
CORNER BUILD-TO-ZONE	0 - 15 FT	0 - 15 FT
IMPERVIOUS SURFACE MAX.	70%	80.0 % (VARIANCE REQUEST)
SEMI-IMPERVIOUS SURFACE	10%	3.6 %
PARKING LOCATION	REAR, SIDE YARDS	83.6% (VARIANCE REQUEST)
LOADING & SERVICE LOCATION	REAR, SIDE CORNER, SIDE FACADE	SIDE FACADE
VEHICLE ENTRANCE BAY	N/A	SIDE FACADE
DRIVEWAY LOCATION	ALLEY, 1 CORNER, 1 FRONT IF INTERIOR	FRONT
BUILDING HEIGHT		
MAX. BUILDING HEIGHT	3 STORIES	2 STORIES
MIN. BUILDING HEIGHT	1 STORY	NA
GROUND FLOOR HEIGHT	15 - 30 FT	15 FT
UPPER FLOOR HEIGHT	9 - 14 FT	14 ft
TRANSPARENCY		
MINIMUM	15% PER STREET FACADE	
BLANK WALL LIMITATIONS	NO	-
ENTRANCE		
LOCATION	FRONT FACADE, BUILDING CORNER	BUILDING CORNER
ENTRANCE TREATMENT	STOOP	STOOP
ENTRANCES ON STREET SIDE	1 PER 60 FT BUILDING LENGTH	1 PER 60 FT BUILDING LENGTH
OTHER FACADE ENTRANCES:	YES	YES

SITE DATA:

ZONING:	LIVE-WORK 1 - CIVIC
PARCEL NO.:	06-15-187-010
DEVELOPMENT AREAS:	
PARCEL:	0.53 ACRES /23,315 SF
EXISTING IMPERVIOUS:	(89.0%) 20,741 SF
PROPOSED IMPERVIOUS:	
IMPERVIOUS (ZBA APPROVED 80%):	(77.86%) 18,154 SF
PAVERS:	(3.49%) 813 SF
TOTAL IMPERVIOUS:	(81.3%) 19,451 SF
TOTAL GREENSPACE:	(18.7%) 3,865 SF
MAX. REQUIRED OFF-STREET PARKING:	
ASSEMBLY (THEATER):	
1 PER 3 PERSONS @ MAX.OCCUPANCY	
9,600 SF/15 SF = 640 PERSONS/3 =	213 SPACES
OFFICE:	
1 PER 300 SF OFFICE SPACE	
4,000 SF/300 SF =	14 SPACES
MAXIMUM PARKING SPACES =	227 SPACES
PROVIDED PARKING:	
OFF-STREET PARKING SPACES =	27 SPACES
(5 ADA SPACES)	
ON-STREET PARKING SPACES =	4 SPACES
TOTAL AVAILABLE PARKING SPACES =	31 SPACES
OWNER PROVIDED SHUTTLE SERVICE =	14 PERSONS
MIN. REQUIRED BICYCLE PARKING:	
ASSEMBLY (THEATER):	
1 PER 50 PERSONS @ MAX. OCCUPANCY	
9,600 SF/15 SF = 640 PERSONS/50 =	14 SPACES
OFFICE:	
1 PER 7 EMPLOYEES	
13 EMPLOYEES/7 =	2 SPACES
TOTAL REQUIRED BICYCLE PARKING =	16 SPACES
PROVIDED BICYCLE PARKING (ZBA) =	6 SPACES

LEGEND:

	PROPERTY LINE
	BUILDING SETBACK
	RIGHT OF WAY (ROW)
	PROPOSED FENCE
	NEW CONCRETE
	HEAVY DUTY BITUMINOUS
	NEW BITUMINOUS
	POWER POLE
	PROPOSED PIER-MOUNTED LIGHT
	PROPOSED BOLLARD LIGHT/PARKING LOT LIGHT
	EXISTING SANITARY MANHOLE
	EXISTING CURB INLET
	EXISTING CATCH BASIN
	EXISTING STORM MANHOLE
	PROPOSED CATCH BASIN/MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	EXISTING ELECTRIC METER
	EXISTING GAS METER
	EXISTING HANDHOLE
	EXISTING SIGN
	PROPOSED SIGN
	ADA PARKING STALL



PROJECT:

FOR CONSTRUCTION DOCUMENTS

SHEET TITLE:

MODELED BY:

DESIGNED BY:

PM REVIEW:

QA/QC REVIEW:

DATE:
2025.09.05

SEAL:

SIGNATURE:

DATE:

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AS NOTED

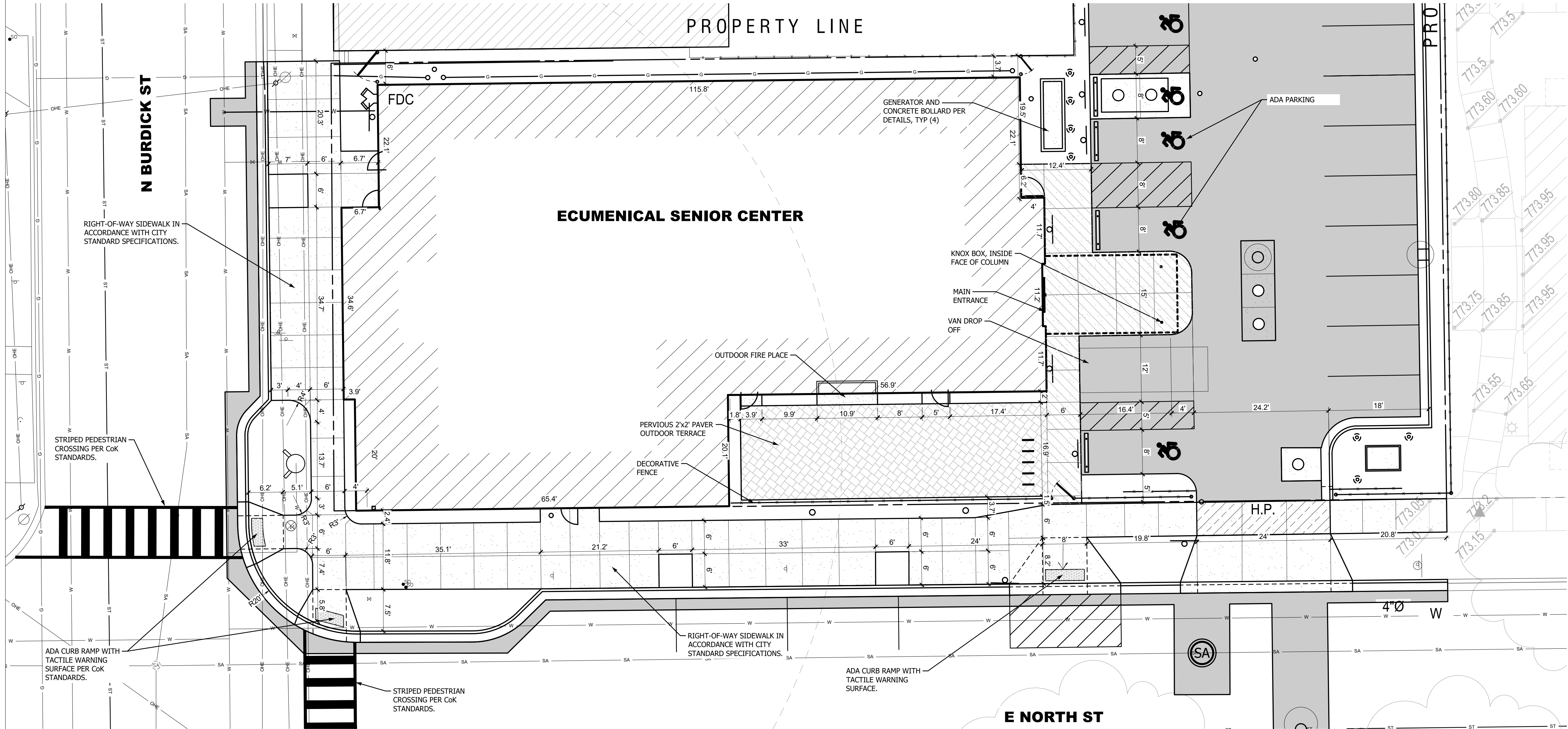
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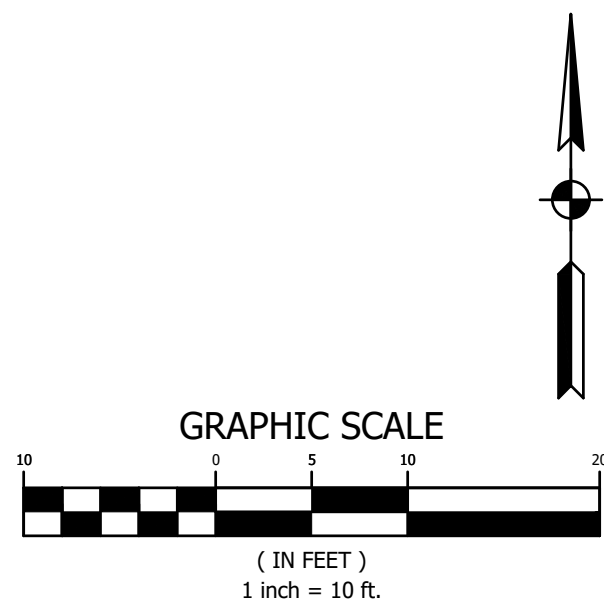
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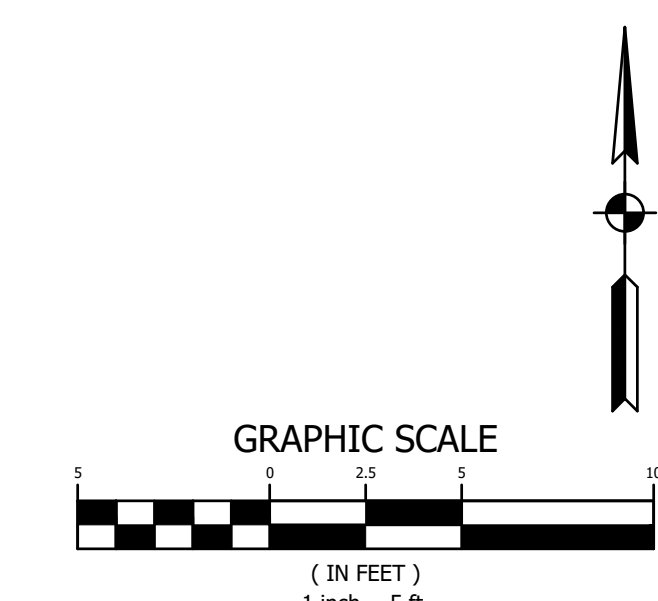
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- LEGEND:**
- PROPERTY LINE
 - BUILDING SETBACK
 - RIGHT OF WAY (ROW)
 - PROPOSED FENCE
 - NEW CONCRETE
 - HEAVY DUTY BITUMINOUS
 - NEW BITUMINOUS
 - POWER POLE
 - PROPOSED FLOOD LIGHT
 - PROPOSED PIER-MOUNTED LIGHT
 - PROPOSED BOLLARD LIGHT/PARKING LOT LIGHT
 - EXISTING SANITARY MANHOLE
 - EXISTING CURB INLET
 - EXISTING CATCH BASIN
 - EXISTING STORM MANHOLE
 - PROPOSED CATCH BASIN/MANHOLE
 - EXISTING FIRE HYDRANT
 - EXISTING WATER VALVE
 - EXISTING ELECTRIC METER
 - EXISTING GAS METER
 - EXISTING HANDHOLE
 - EXISTING SIGN
 - PROPOSED SIGN
 - EXISTING DECIDUOUS TREE
 - EXISTING EVERGREEN TREE
 - ADA PARKING STALL



NO.	REVISION DESCRIPTION	BY	DATE
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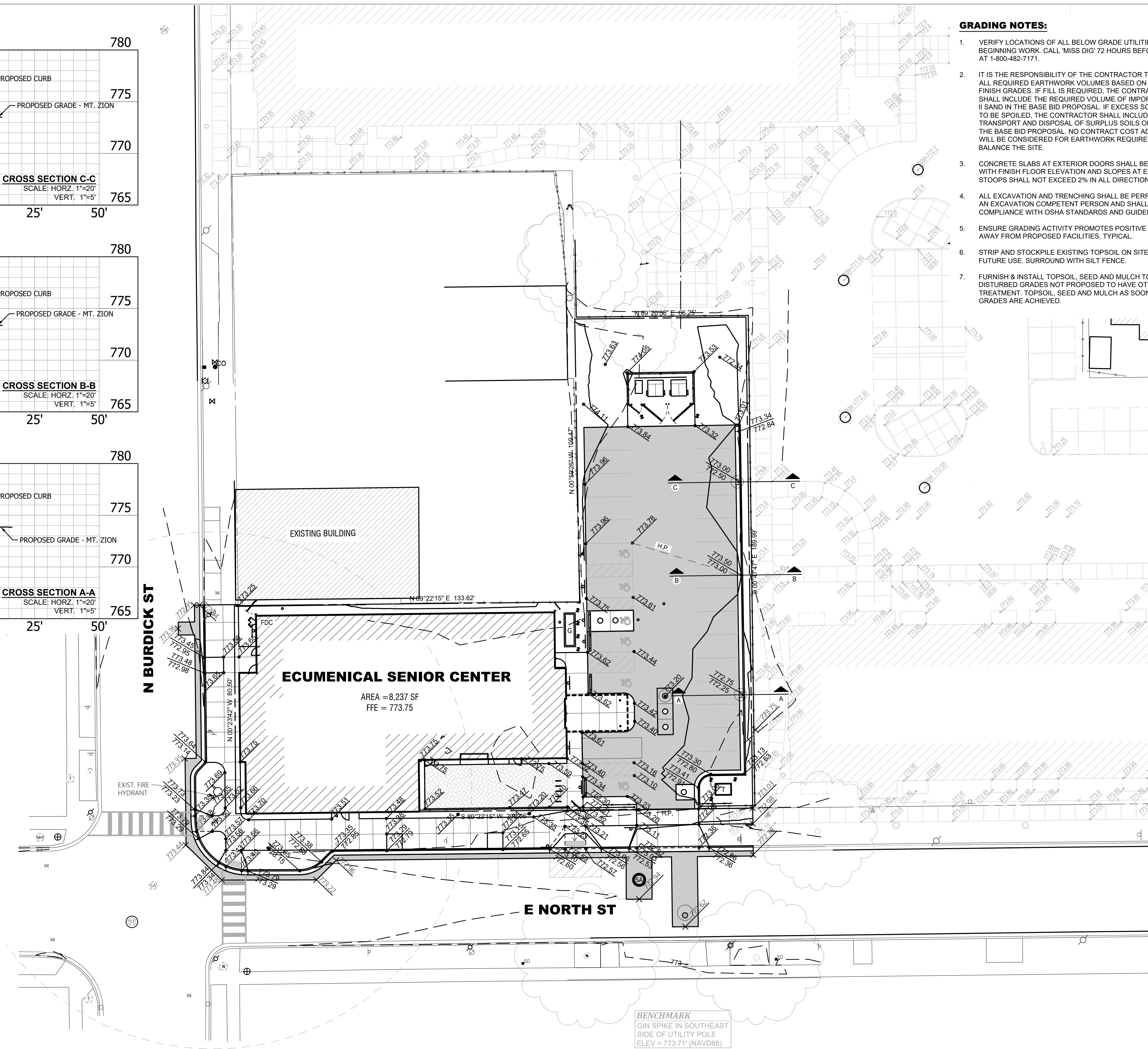
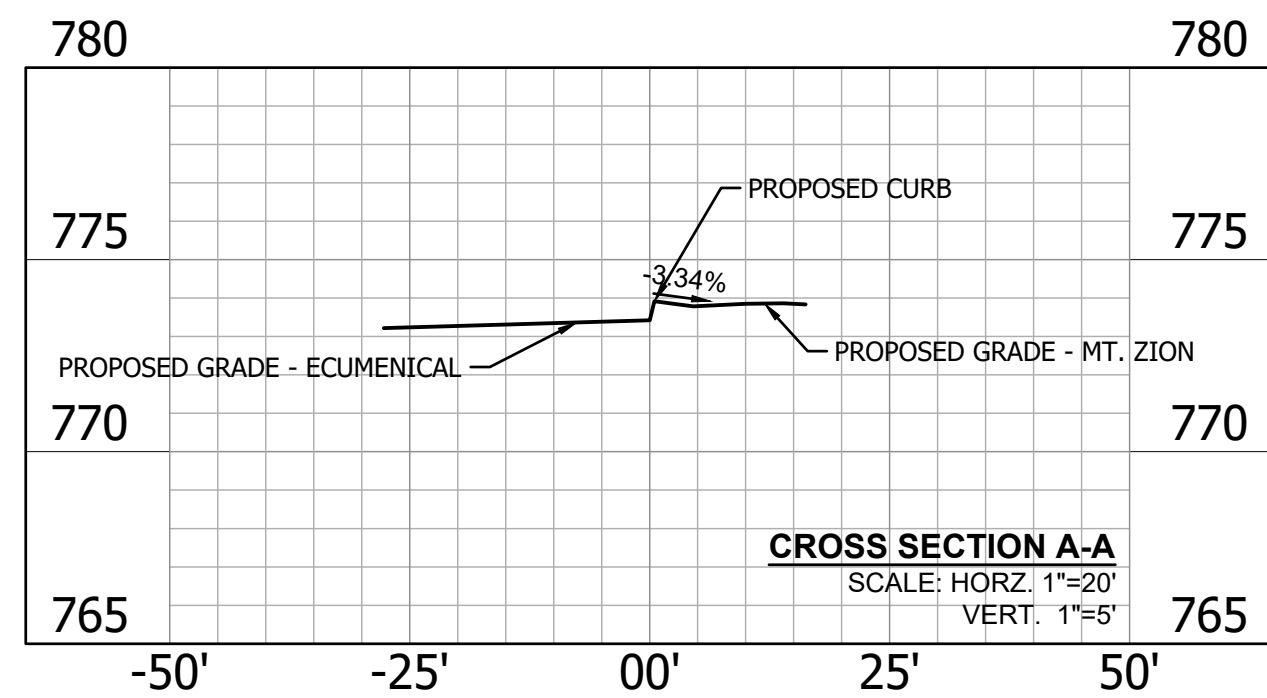
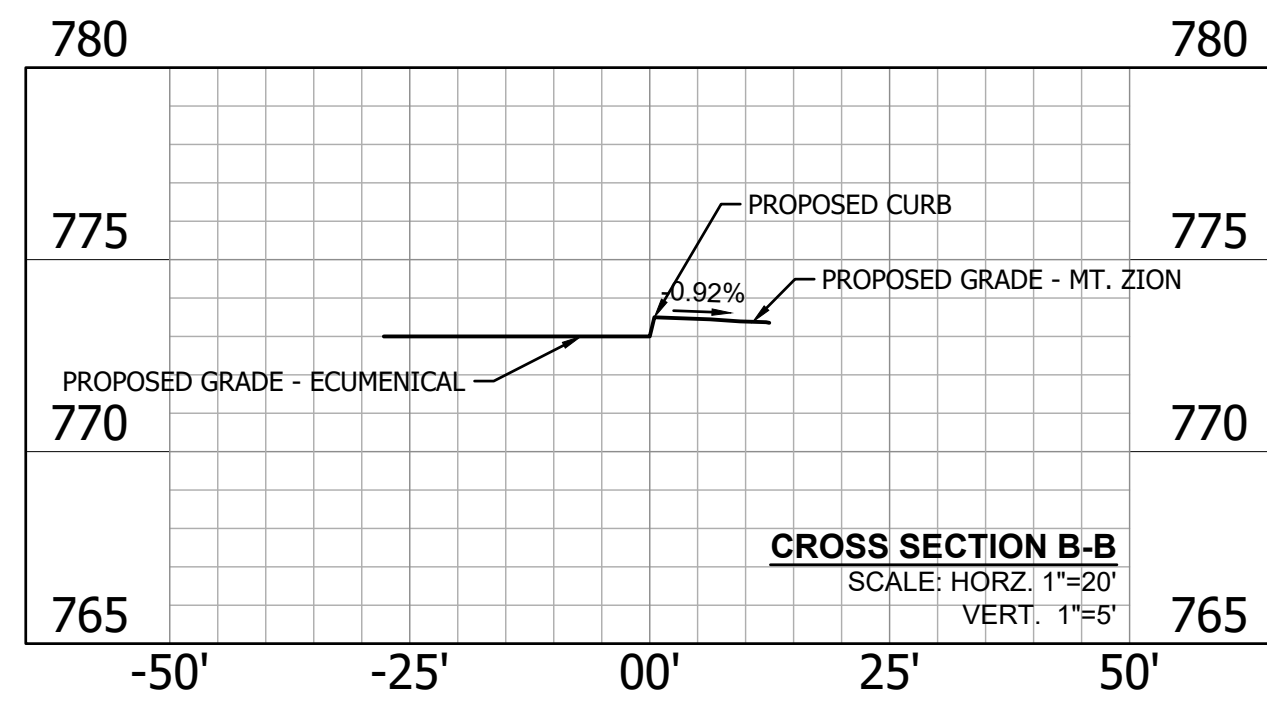
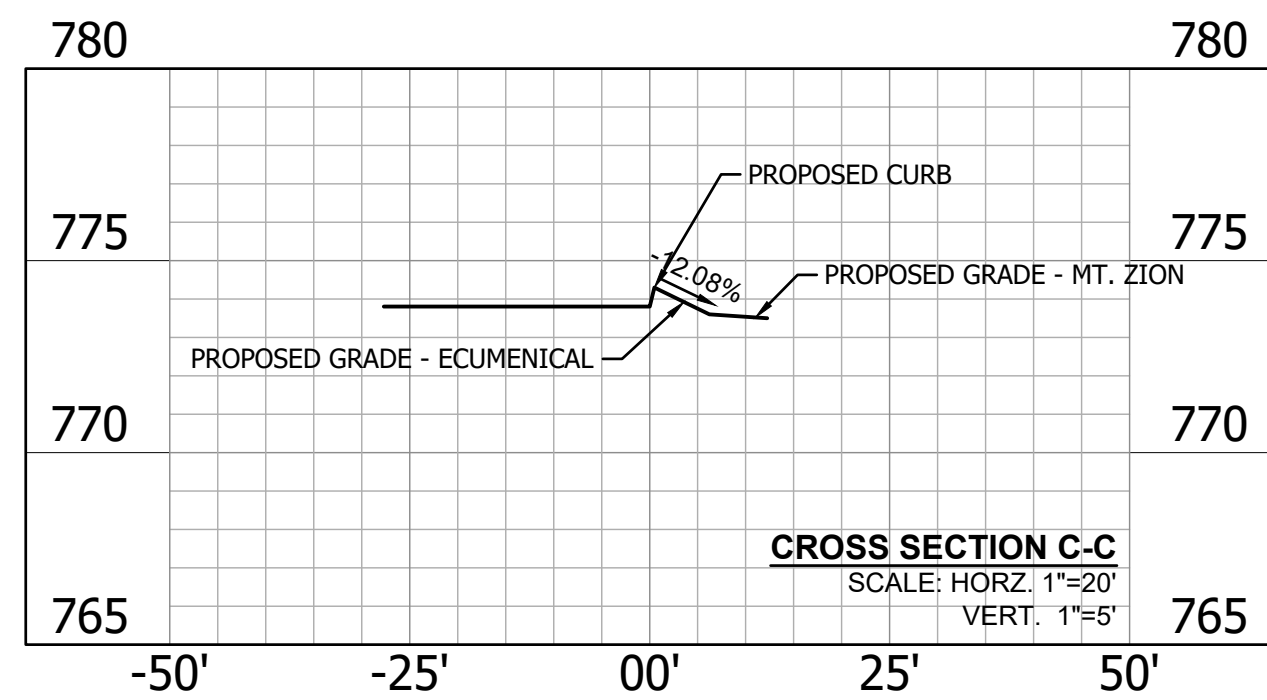
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C2.2

Engineering · Architecture · Land Surveying

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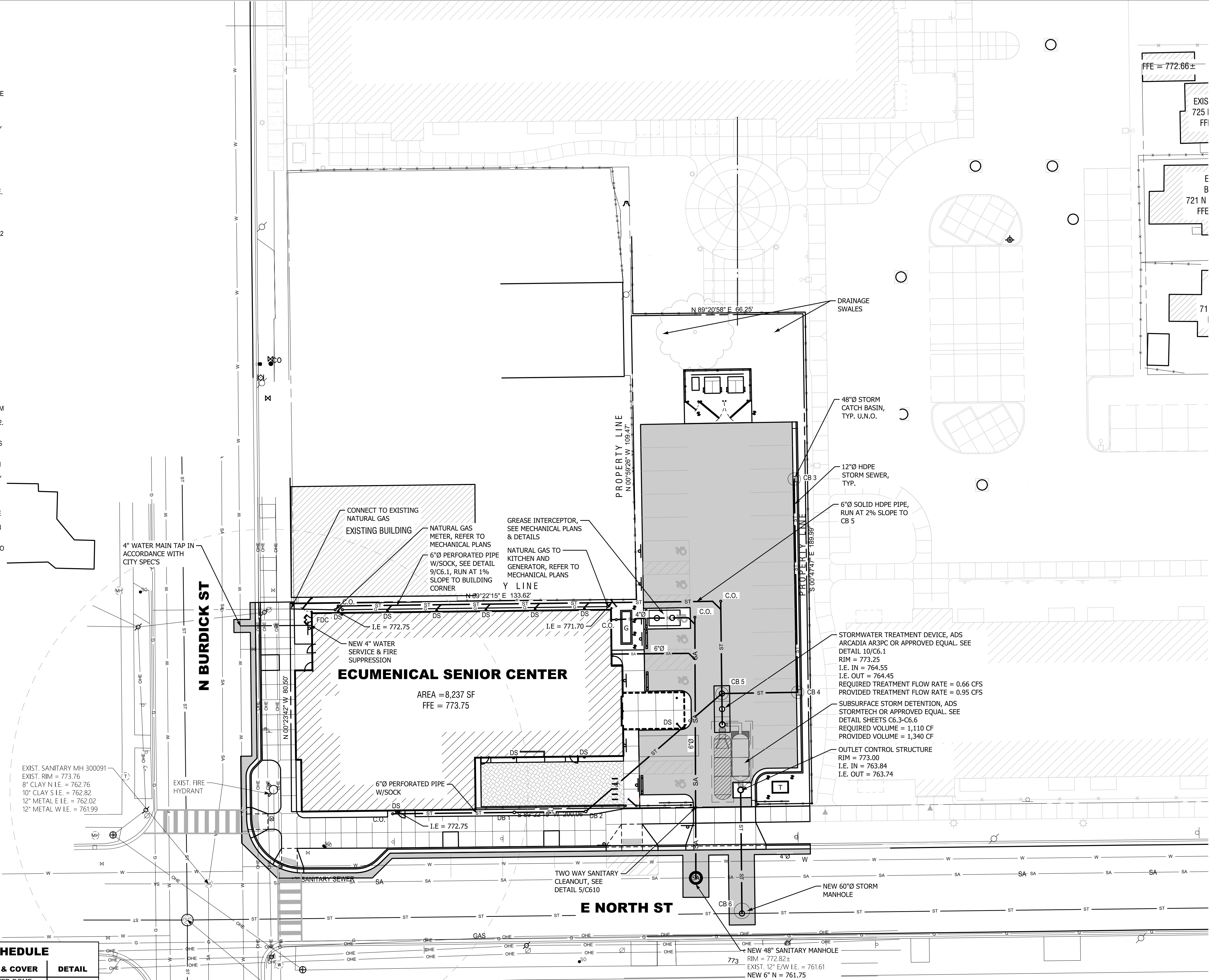


UTILITY NOTES:

- UTILITIES & CONSTRUCTION TO COMPLY WITH REQUIREMENTS OF LOCAL AND STATE AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
- UTILITIES SHOWN ARE APPROXIMATE LOCATIONS DERIVED FROM AVAILABLE RECORDS. PUBLIC UTILITY LOCATIONS ARE SUBJECT TO CHANGE, SHALL NOT BE INTERPRETED AS EXACT OR ASSUMED TO BE THE ONLY UTILITIES IN THEIR RESPECTIVE AREAS.
- NOTE TO CONTRACTOR: CALL THE "MISS DIG" SYSTEM THREE FULL WORKING DAYS BEFORE YOU DIG TO SCHEDULE UNDERGROUND UTILITY MARKING. CALL TOLL FREE AT 1-800-428-7171, AVAILABLE 24 HRS PER DAY 7 DAYS PER WEEK.
- HOOK-UP AND TIE IN TO EXISTING UTILITIES TO MEET LOCAL REQUIREMENTS FOR EACH UTILITY INVOLVED: WATER, SEWER, STORM, GAS, ELECTRIC, PHONE, ETC.
- CONNECTIONS TO EXISTING MANHOLES: CORE HOLE IN EXISTING MANHOLE ADEQUATE TO RECEIVE PROPOSED PIPE SIZE AND BEND ANY REINFORCING STEEL OUT OF THE WAY. AFTER THE NEW PIPE IS IN PLACE, THE REINFORCING STEEL SHALL BE BENT BACK INTO THE VOID AROUND THE NEW PIPE & THE VOID SHALL BE FILLED WITH CEMENT GROUT. PROVIDE FLEXIBLE RUBBER BOOTY(S) OR SEAL(S) AT PIPE CONNECTIONS TO NEW AND EXISTING MANHOLES.
- ALL STORM SEWER PIPE OUTSIDE CITY RIGHT-OF-WAY SHALL BE ADS N-12 ST 18 PIPE PER ASTM F2648, SMOOTH LINED HDPE TYPE OR APPROVED EQUIVALENT, TYPICAL FOR ALL SIZES OF PROPOSED STORM PIPING, UNLESS NOTED OTHERWISE.
- PROPOSED DEVELOPMENTS SHALL BE IN COMPLIANCE WITH ENVIRONMENTAL REPORTS FOR SUBJECT PROPERTIES.
- COORDINATE SCHEDULE FOR RIGHT OF WAY WORK AND RELATED TRAFFIC MANAGEMENT PLANS WITH CITY OF KALAMAZOO.
- TOTAL PROJECTED DEVELOPMENT SANITARY FLOWS ARE SUMMARIZED AS FOLLOWS:
A. TOTAL REUS: 3
B. TOTAL AVERAGE DAILY FLOW: 686.5 GPD
C. TOTAL MAXIMUM DAILY FLOW: 1,373 GPD
- UTILITY CONNECTIONS AT BUILDINGS SHALL BE CONSIDERED 5 FT OUTSIDE OF BUILDING WALL. COORDINATE FINAL INVERTS AT BUILDING PENETRATIONS WITH PLUMBING / MECHANICAL CONTRACTOR.
- WATER SERVICE TO BE DUCTILE IRON PIPE (D.I.P) CL52, MAINTAIN 5 FT COVER ON PIPE AT ALL TIMES. PRESSURE TEST AND DISINFECT WATER SERVICE.
- SANITARY SEWER PIPE TO BE PVC CONFORMING TO ASTM D3033 OR ASTM D3212, MINIMUM WALL THICKNESS TO BE SDR-26. JOINTS SHALL BE OF THE ELASTOMERIC GASKET PUSH-ON TYPE CONFORMING TO ASTM D3212.
- ALL COMPONENTS OF WATER MAIN CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE CITY OF KALAMAZOO STANDARD SPECIFICATIONS FOR WATER MAIN AND SERVICE INSTALLATION 2021.
- CONTRACTOR RESPONSIBLE FOR SANITARY SEWER INSTALLATION FROM SANITARY SEWER MAIN TO BUILDING CONNECTION. CONTRACTOR SHALL COORDINATE INSPECTION OF SANITARY CONNECTION AT MAIN WITH CITY PUBLIC SERVICES DEPARTMENT. CITY TO INSPECT WORK ON PUBLIC SANITARY SEWER CONNECTION.
- CITY WILL NOT BE RESPONSIBLE FOR ANY CONNECTION AFTER CLEANOUT. THE CONTRACTOR, OWNER, AND BUILDER ARE RESPONSIBLE FOR BRINGING THE CONNECTION FROM THE MAIN TO THE RIGHT OF WAY AND THEN ALL THE WAY TO THE BUILDING. THIS INCLUDES ANY WORK ON THE CITY MAIN.
- SANITARY IMPROVEMENTS SHALL BE INSPECTED BY CITY STAFF PRIOR TO BACKFILLING.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PROPOSED UTILITY STRUCTURES AND MATERIALS FOR REVIEW BY ENGINEER PRIOR TO WORK.
- WATER METER SHALL BE NEPTUNE WATER METER PROVIDED AND INSTALLED BY THE CITY OF KALAMAZOO. FIRE SERVICE METER SHALL BE 5/8" SUPPLIED BY THE CITY OF KALAMAZOO.

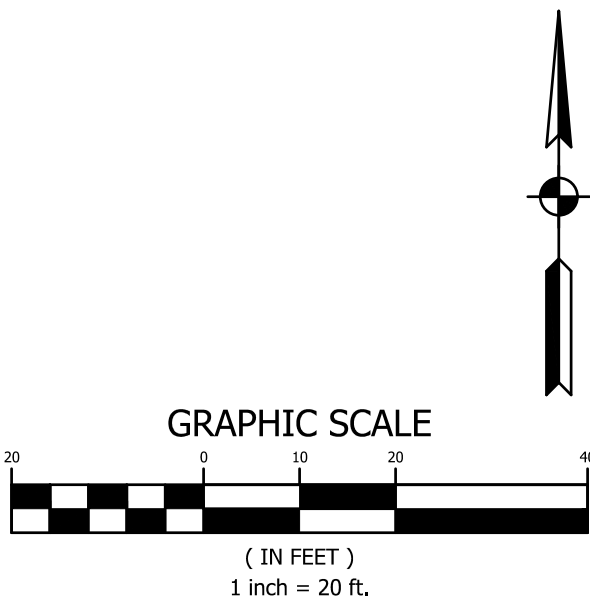
STORM SEWER STRUCTURE SCHEDULE					
MARK	SIZE	RIM	INVERT	CASTING & COVER	DETAIL
DB 1	18"Ø	773.35	765.60	INTEGRATED DOME GRATE	7/C610
DB 2	18"Ø	773.35	765.30	INTEGRATED DOME GRATE	7/C610
CB 3	48"Ø	772.50	765.70	EJ 1040 / TYPE M1	2/C610
CB 4	48"Ø	772.25	764.90	EJ 1040 / TYPE M1	2/C610
CB 5	48"Ø	773.20	E/S = 764.60 N = 770.20 EXIST. E/W = 763.6± PROP. N/S = 763.70	EJ 1040 / TYPE M1	2/C610
CB 6	60"Ø	772.72±		EJ 1040 / TYPE A SOLID COVER STORM	2/C610

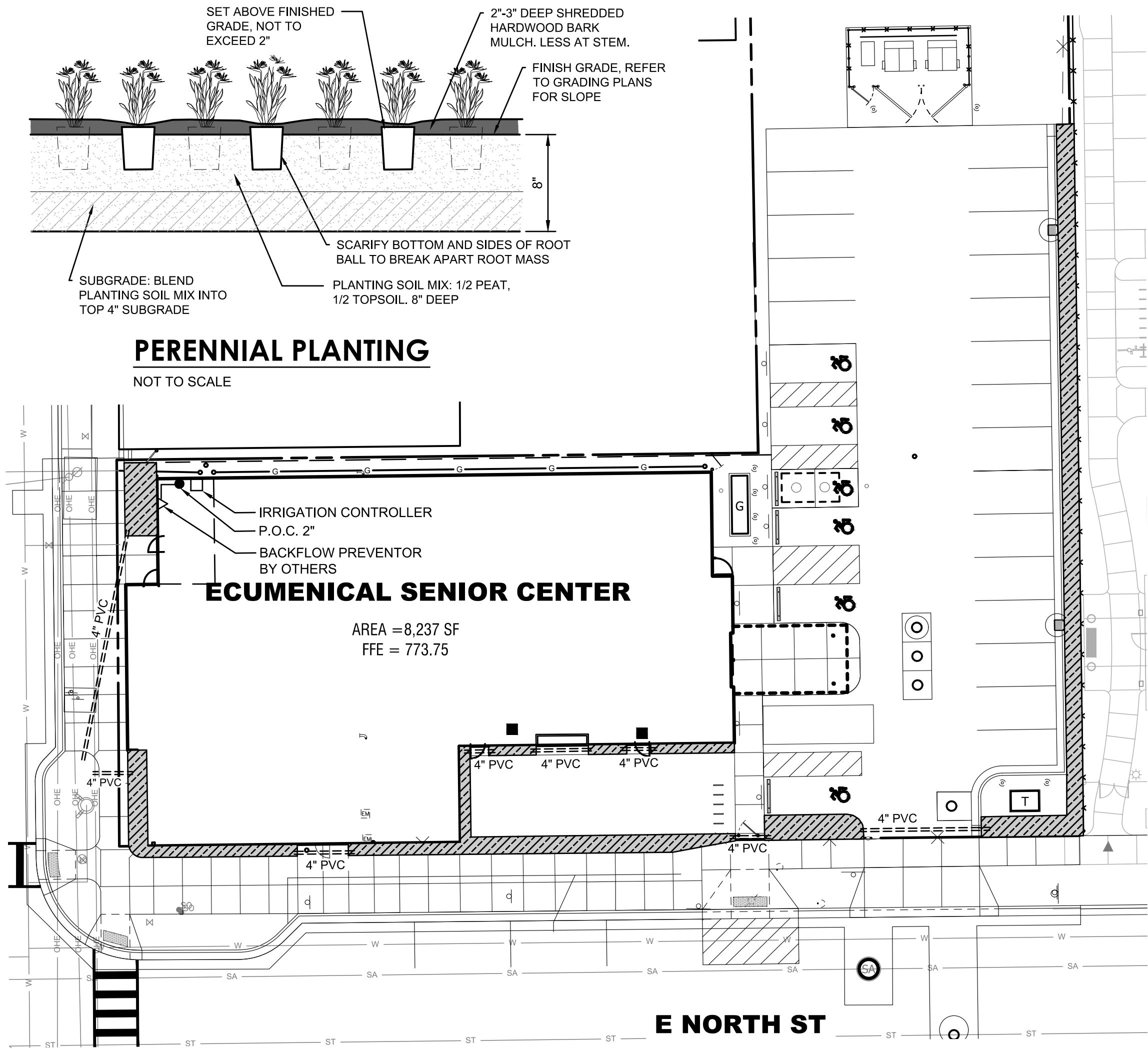
NOTES:
1. EJ = EAST JORDAN IRON WORKS (OR APPROVED EQUIVALENT).
2. CASTING & COLORS VARY. TYPE M1 GRATE = MEDIUM DUTY FLAT GRATE (TYPICAL PAVEMENT), TYPE A GRATE = SOLID COVER STORM (TYPICAL PAVEMENT)
3. WHERE INVERT OUT ELEVATION NOT NOTED IN TABLE, ASSUME INVERT OUT TO MATCH INVERT IN ELEVATION.



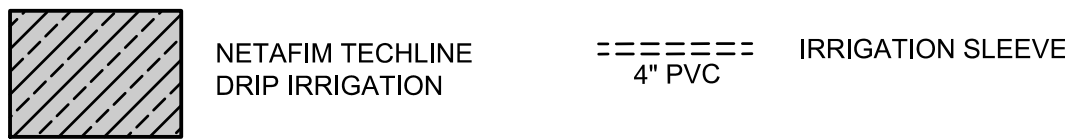
LEGEND:

- PROPERTY LINE
- BUILDING SETBACK
- RIGHT OF WAY (ROW)
- PROPOSED FENCE
- NEW CONCRETE
- NEW BITUMINOUS
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CURB INLET
- CLEANOUT
- GATE VALVE
- EXISTING GATE VALVE
- FIRE HYDRANT
- EXISTING HYDRANT
- BUILDING MOUNTED FIRE DEPARTMENT CONNECTION
- MANHOLE / CATCH BASIN
- SIGN
- EXISTING SIGN
- LIGHT POLE
- EXISTING POWER POLE
- DOWNSPOUT
- SANITARY
- EXISTING SANITARY
- STORM
- EXISTING STORM
- WATER MAIN
- EXISTING WATER MAIN
- EXISTING GAS
- EXISTING ELECTRIC OVERHEAD
- ELECTRIC UNDERGROUND
- UTILITY PAD-MOUNTED TRANSFORMER





IRRIGATION PLAN



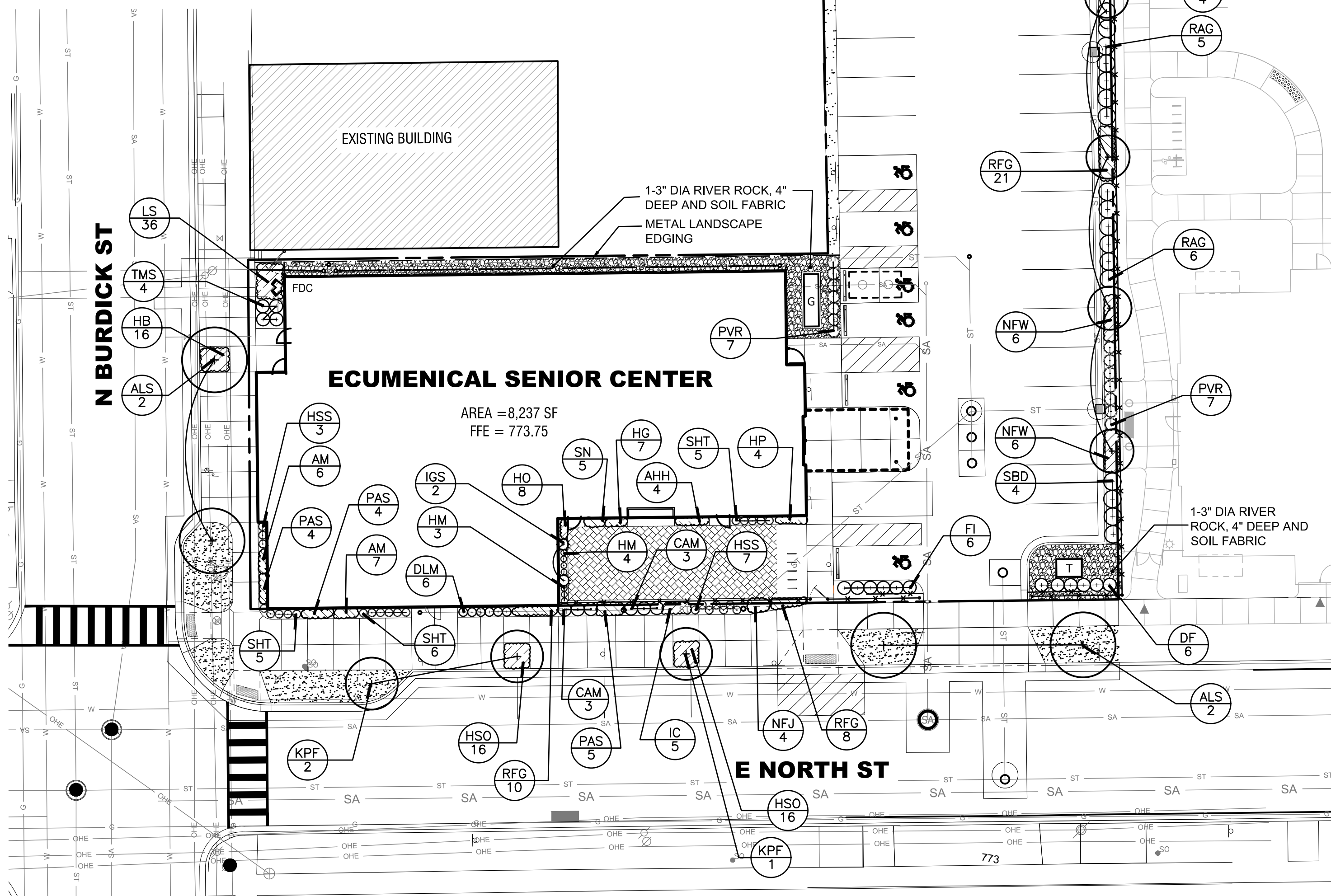
LANDSCAPE IRRIGATION NOTES:

- IRRIGATION TO BE DRIP SYSTEM IN PLANT BEDS AS INDICATED ON DRAWINGS. CONTRACTOR TO SUBMIT DESIGN PLAN AND SPECIFICATIONS BY A COMMERCIAL CERTIFIED IRRIGATION DESIGNER (CID) TO THE ARCHITECT FOR APPROVAL.

DESIGN PLAN TO CONTAIN WATER REQUIREMENTS AT POINT OF CONNECTION, ZONE NUMBER, VALVE SIZES, AND ZONE GPM. PROVIDE QUANTITIES OF DRIP PIPE AND TUBING. INDICATE PLAN LEGEND OF INSTALLED COMPONENTS AND TYPE.
- ALL PLUMBING AND ELECTRICAL TO BE INSTALLED ACCORDING TO STATE AND LOCAL CODES.
- IRRIGATION CONTRACTOR'S POINT OF CONNECTION SHALL BE ON TYPE K COPPER WHERE SHOWN ON PLAN AND MEP DRAWINGS. IRRIGATION CONTRACTOR RESPONSIBLE FOR DRILLING THROUGH WALL INTO MECHANICAL ROOM AS DIRECTED BY THE ARCHITECT AND MEP.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING MEANS OF WINTERIZATION FOR SUPPLY LINE UPSTREAM FROM THE IRRIGATION CONTRACTOR'S POINT OF CONNECTION.
- POWER FOR CONTROLLER TO BE BY OTHERS. COORDINATE WITH ARCHITECT AND MEP PLANS FOR LOCATION.
- PROVIDE RAINSWITCH AND VERIFY LOCATION WITH THE ARCHITECT.
- IF SITE PRESSURE IS NOT ADEQUATE, A BOOSTER PUMP AND RELATED EQUIPMENT MAY BE REQUIRED AT ADDITIONAL EXPENSE TO THE OWNER.
- IRRIGATION SLEEVES TO BE 4" DIA PVC CLASS 160 AND TO BE INSTALLED BY THE IRRIGATION CONTRACTOR. COORDINATE SCHEDULING WITH OTHER TRADES.
- IRRIGATION CONTRACTOR RESPONSIBLE FOR WINTERIZATION AT THE END OF THE FIRST SEASON AFTER INSTALLATION.

LANDSCAPE NOTES

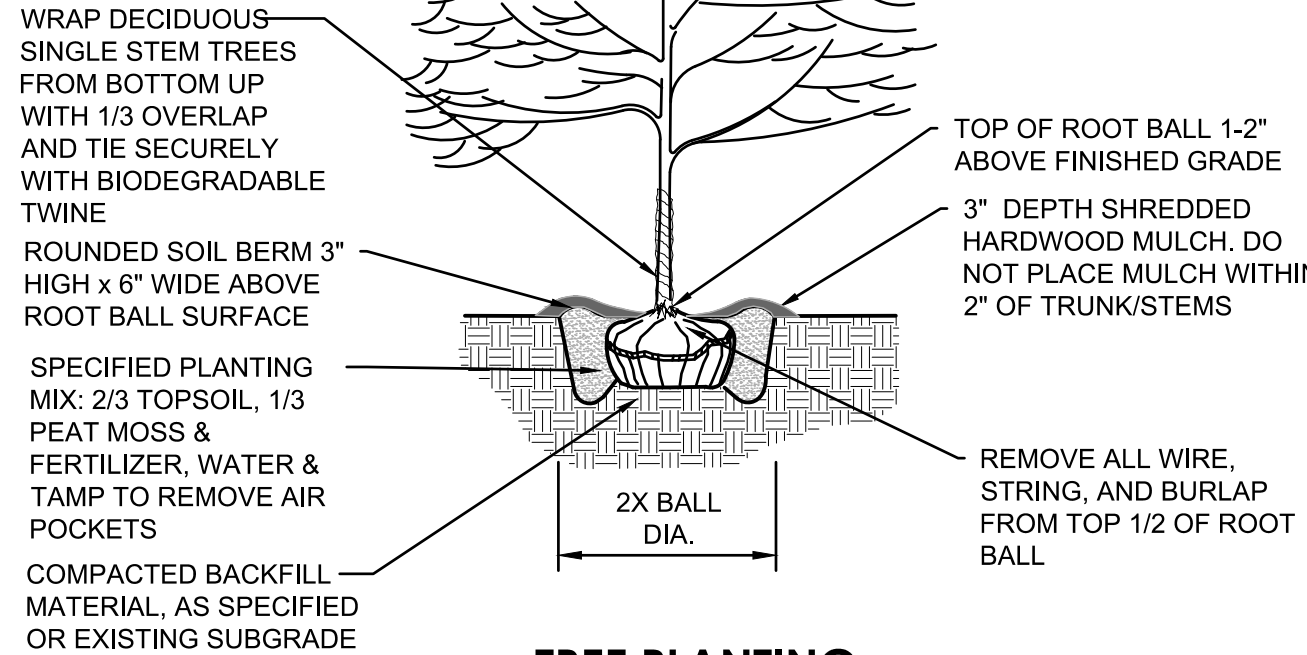
- LOCATE ALL UTILITIES PRIOR TO BEGINNING WORK. UTILITIES SHOWN WERE LOCATED BY FIELD SURVEY, BUT THEY MAY NOT INDICATE ALL UNDERGROUND IMPROVEMENTS.
- EXAMINE EXISTING CONDITIONS AND VERIFY CONDITIONS ARE ACCEPTABLE FOR REQUIRED WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH INFORMATION SHOWN ON PLANS PRIOR TO BEGINNING WORK.
- PROTECT ALL EXISTING PAVING, STRUCTURES, UTILITIES, AND PLANT MATERIAL INDICATED TO REMAIN. CONTRACTOR RESPONSIBLE FOR ANY DAMAGE TO EXISTING FEATURES AT NO EXPENSE TO THE OWNER.
- CONTRACTOR RESPONSIBLE FOR REMOVAL OF ANY EXISTING GRASS, WEEDS, OR SCRUB GROWTH WITHIN LIMITS OF PLANT BED EDGE OR WITHIN 5' DIAMETER CIRCLE AROUND BASE OF EACH TREE.
- PLANTS AND OTHER MATERIALS ARE QUANTIFIED AND SUMMARIZED FOR THE CONVENIENCE OF THE OWNER AND JURISDICTIONAL AGENCIES ONLY. CONFIRM AND INSTALL SUFFICIENT QUANTITIES TO COMPLETE THE WORK AS DRAWN ON THE PLANS. NO ADDITIONAL PAYMENTS WILL BE MADE FOR MATERIALS REQUIRED TO COMPLETE THE WORK AS DRAWN. CONTRACTOR RESPONSIBLE FOR VERIFYING ALL QUANTITIES.
- ALL PROPOSED PLANT SUBSTITUTIONS MUST BE APPROVED BY LANDSCAPE ARCHITECT.
- PLANTS SHALL CONFIRM TO THE MINIMUM MEASUREMENTS LISTED ON THE PLANT LIST. TREES INSIDE THE ROAD R.O.W TO COMPLY WITH THE REQUIREMENTS OF THE CITY OF KALAMAZOO TREE MANUAL.
- ALL PLANT MATERIAL SHALL COMPLY WITH ALL RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1-2014 "AMERICAN STANDARD FOR NURSERY STOCK." PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS STOCK GROWN WITH GOOD HORTICULTURAL PRACTICE UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE, AND INSTALLED IN ACCORDANCE WITH METHODS ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PLANT MATERIAL MUST BE TAGGED BY THE NURSERY OF ORIGIN FOR PROPER IDENTIFICATION IN THE FIELD. TAGS ARE ONLY TO BE REMOVED AFTER ACCEPTANCE AND INSPECTION BY LANDSCAPE ARCHITECT.
- PLANT BEDS SHALL BE INSTALLED WITH 3" DEPTH OF SHREDDED BARK MULCH, UNLESS NOTED OTHERWISE. DO NOT STORE OR BUILD UP MULCH ON PLANT TRUNKS. TREES OUTSIDE OF BED LINES SHALL BE INSTALLED 3" DEPTH SHREDDED BARK MULCH, FREE OF FOREIGN MATTER. MULCH SHALL NOT BE PLACED WITHIN 3" OF TRUNKS.
- RAKE TOPSOIL TO ELIMINATE UNEVEN AREAS AND REMOVE DEBRIS, ROOTS, BRANCHES, AND STONES IN EXCESS OF 1 INCH SIZE, AND ENSURE POSITIVE DRAINAGE IS RETAINED AWAY FROM BUILDINGS DURING LANDSCAPE CONSTRUCTION ACTIVITIES.
- SEEDING: DISTURBANCE LIMIT LINES ON SHOWN ARE APPROXIMATE. ALL LANDSCAPE AREAS DISTURBED BY CONSTRUCTION SHALL HAVE 4" MINIMUM TOPSOIL, FINE GRADED, SEEDED AND MULCHED.
- PLANT BED EDGING SHALL BE 1/8" x 4" ALUMINUM EDGING.
- CLEAN ALL SURFACES OF SOIL, MULCH, AND LANDSCAPE DEBRIS AFTER WORK IS COMPLETE.



PLANTING PLAN

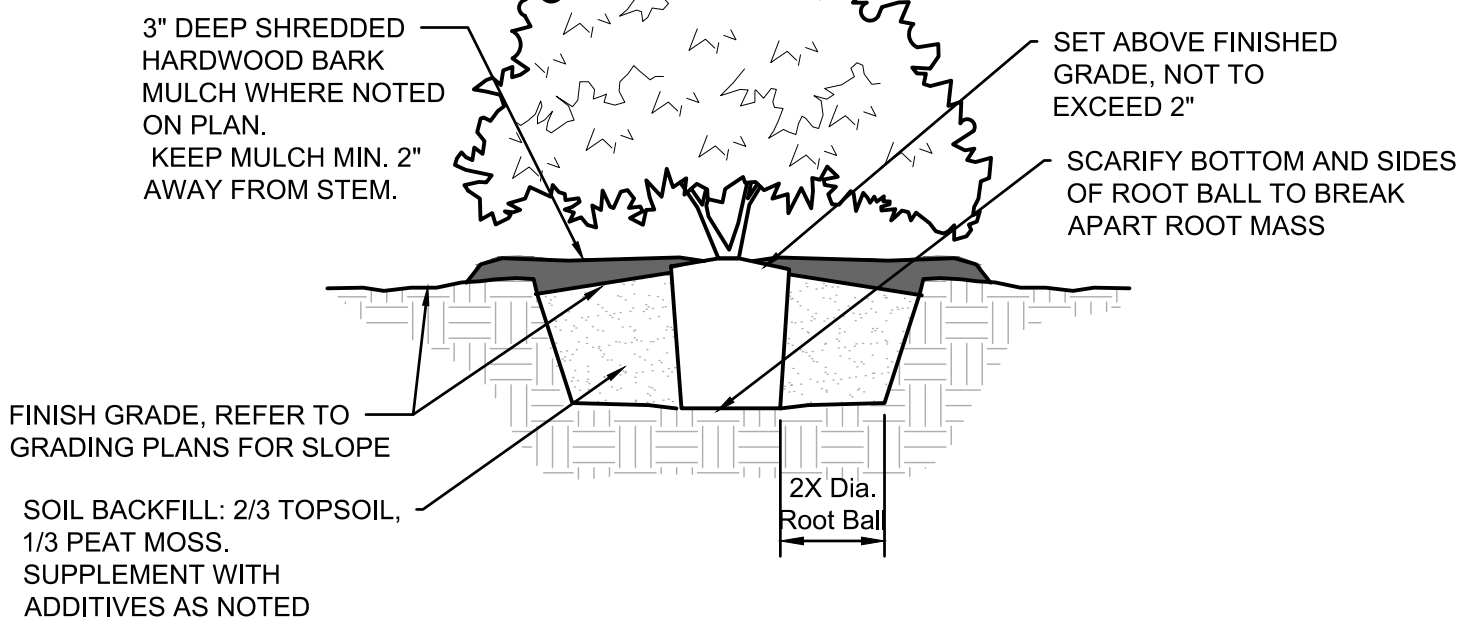
PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	REMARKS
TREES							
AFA	2	Acer x freemanii 'AF#1'	Firefall™ Freeman Maple	2.5" Cal	B&B		As Shown
KPF	3	Koelerutaria paniculata 'Fastigiata'	Columnar Goldenrain Tree	2.5" Cal	B&B		As Shown
FLOWERING TREES							
ALS	4	Amelanchier laevis 'Snowcloud'	Snowcloud Allegheny Serviceberry	2" Cal	B&B		Single Stem
PPJ	4	Parrotia persica 'UL Columnar'	Persian Spire™ Parrotia	2" Cal	B&B	As Shown	
SHRUBS							
CAM	6	Ceanothus americanus	New Jersey Tea	18" Ht.	Cont.	3' O.C.	
DF	6	Dasiphora fruticosa 'Lundy'	Happy Face® Yellow Bush Cinquefoil	18" Ht.	Pot	3' O.C.	
DLM	6	Diervilla lonicera 'Michigan Sunset'	Dwarf Bush Honeysuckle	15" Ht.	Pot	24" O.C.	
FI	6	Forsythia x intermedia 'Minford'	Show Off® Starlet Forsythia	18" Ht.	Pot	3' O.C.	
IGS	2	Ilex glabra 'SMNIGLA'	Squeeze Box™ Inkberry Holly	24" Ht.	Cont.		
RAG	11	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	24" Spread	Cont.	4' O.C.	
SBD	8	Spiraea x bumalda 'Dart's Red'	Dart's Red Spirea	18" Ht.	Cont.	4' O.C.	
TMS	4	Taxus x media 'SMNTHDB'	Stonehenge Dark Druid® Yew	18" Ht.	Cont.	4' O.C.	
ORNAMENTAL GRASSES							
HM	7	Hakonechloa macro	Japanese Forest Grass	1 Gal	Pot	18" O.C.	
HSS	10	Helictotrichon sempervirens 'Sapphire'	Sapphire Blue Oat Grass	1 Gal	Cont.	24" O.C.	
PVR	14	Panicum virgatum 'Rotstrahlbusch'	Rotstrahlbusch Red Switch Grass	2 Gal	Cont.	3' O.C.	
SHT	16	Sporobolus heterolepis 'Tara'	Tara Prairie Dropseed	1 Gal	Cont.	24" O.C.	
GROUND COVERS							
LS	36	Liriope spicata	Creeping Lilyturf	4" POT	cont.	14" O.C.	
PERENNIALS							
AM	13	Allium x 'Millenium'	Millenium Ornamental Chive	1 Gal	Pot	16" O.C.	
AHH	4	Amsonia hubrichtii 'Halfway to Arkansas'	Arkansas Bluestar	1 Gal	Pot	24" O.C.	
HB	16	Hemerocallis x 'Little Business'	Little Business Daylily	1 Gal	Pot	18" O.C.	
HP	4	Hemerocallis x 'Primal Scream'	Primal Scream Daylily	1 Gal	Pot	24" O.C.	
HSO	32	Hemerocallis x 'Stella de Oro'	Stella de Oro Daylily	1 Gal	Pot	18" O.C.	
HG	7	Heuchera x 'Georgia Peach'	Georgia Peach Coral Bells	1 Gal	Pot	15" O.C.	
HO	8	Heuchera x 'Obsidian'	Obsidian Coral Bells	1 Gal	Pot	12" O.C.	
IC	5	Iris sibirica 'Caesar's Brother'	Caesar's Brother Siberian Iris	1 Gal	Pot	24" O.C.	
NFJ	4	Nepeta x faassenii 'Novanepjun'	Junior Walker™ Catmint	1 Gal	Pot	24" O.C.	
NFW	12	Nepeta x faassenii 'Walker's Low'	Walker's Low Catmint	1 Gal	Pot	30" O.C.	
PAS	13	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 Gal	Pot	24" O.C.	
RFG	39	Rudbeckia fulgida sultivantii 'Goldsturm'	Goldsturm Coneflower	1 Gal	Pot	18" O.C.	
SN	5	Sedum x 'Neon'	Neon Sedum	1 Gal	Pot	18" O.C.	



TREE PLANTING

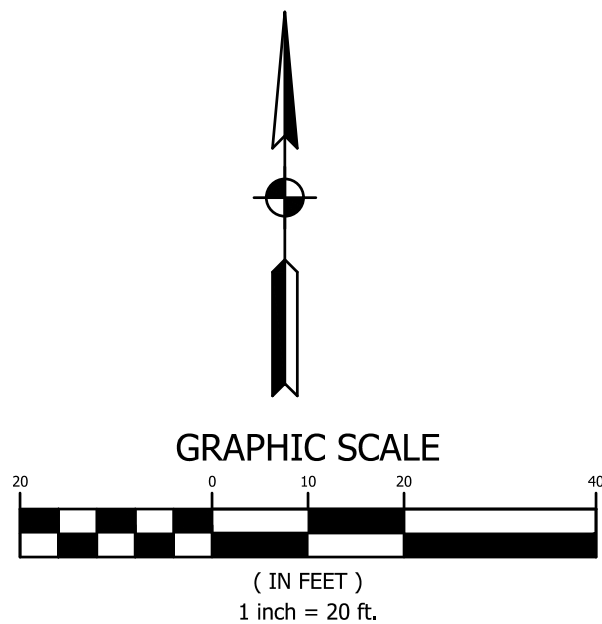
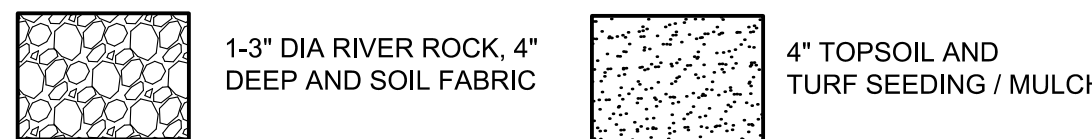
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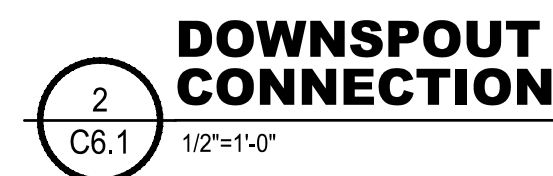
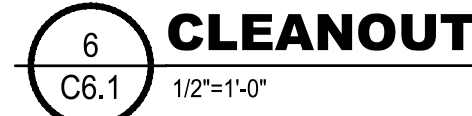


SHRUB BED PLANTING

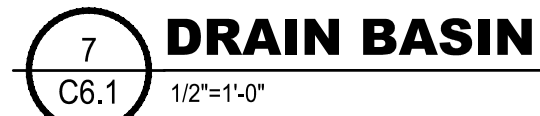
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PROPOSED FEATURES LEGEND



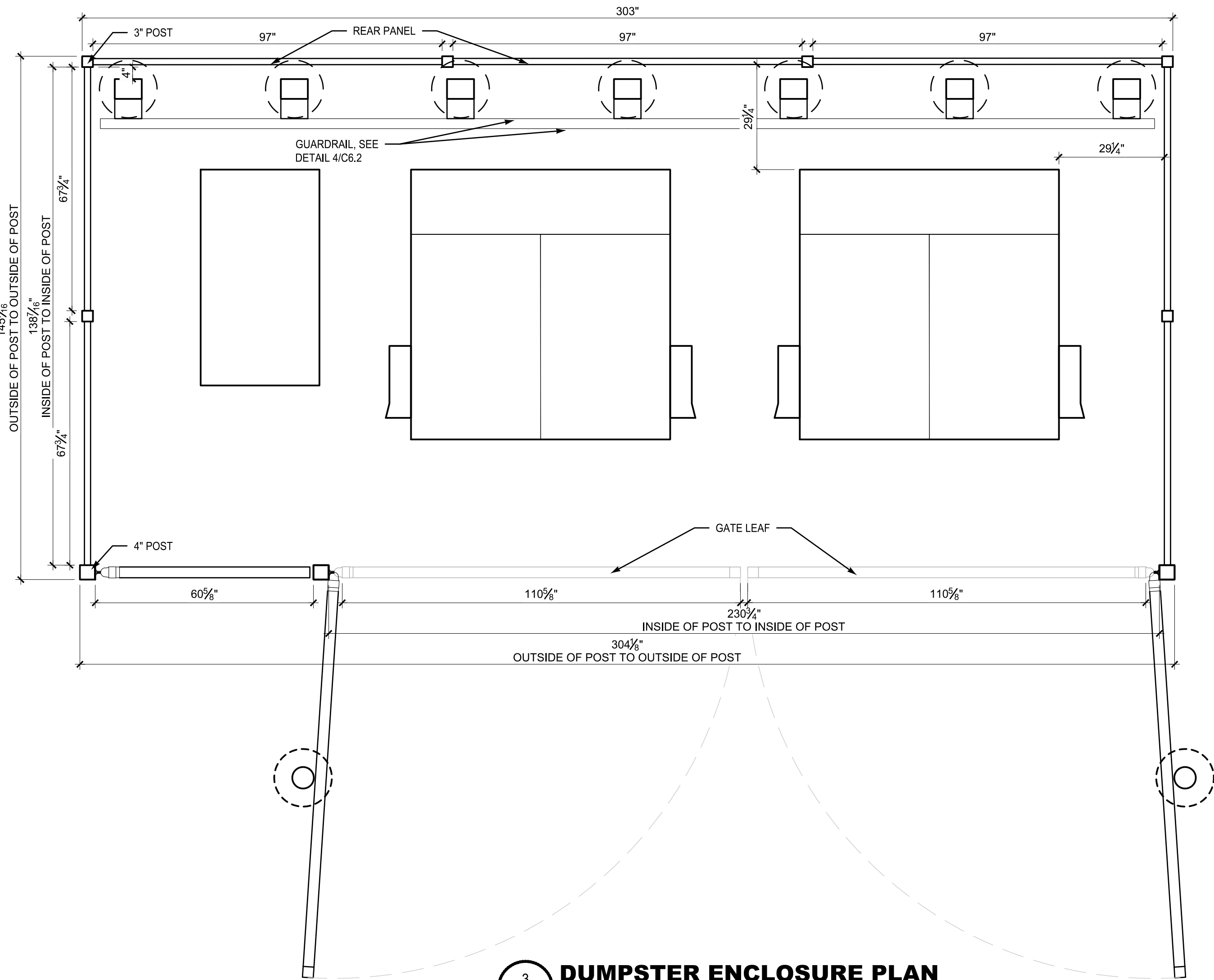


ARCADIA AR3PC			WQU1
TREATMENT RATE (OK-110 80% REMOVAL)			1.55 CFS
BYPASS RATE			---
		DIAMETER	PIPE MATERIAL
INLET	1	12"	HDPE
	2		
	3		
	4		
OUTLET		12"	HDPE

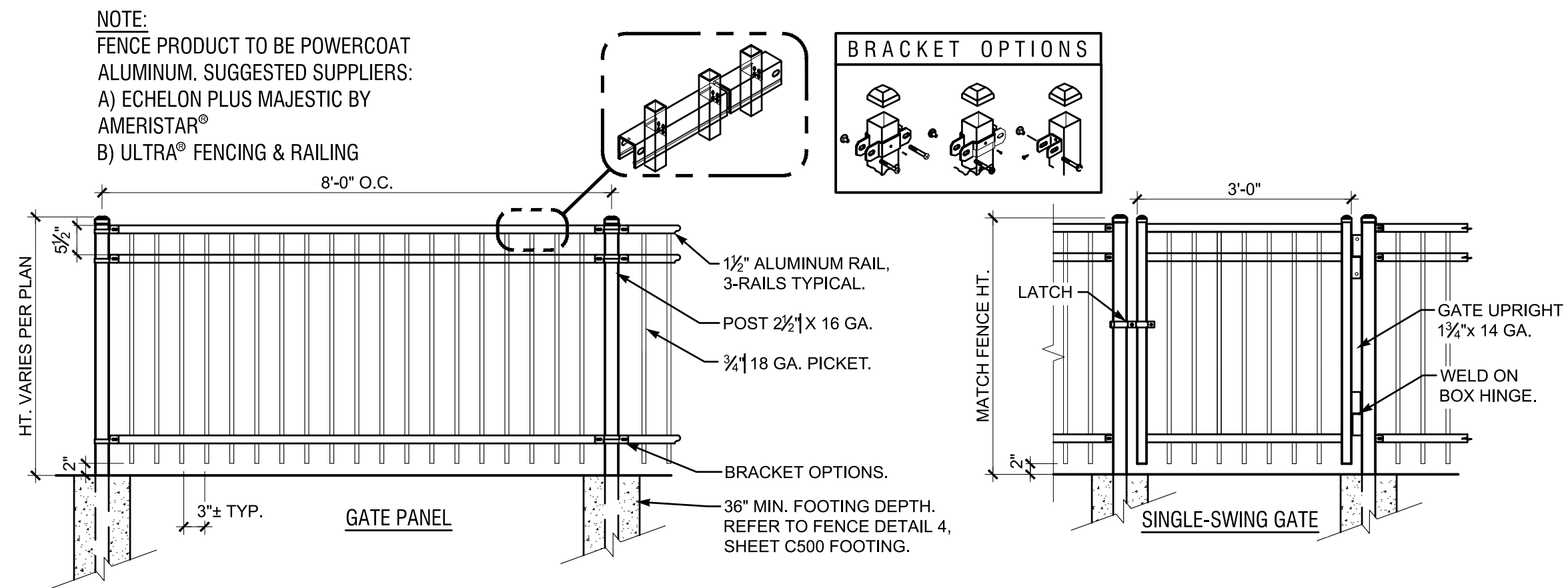


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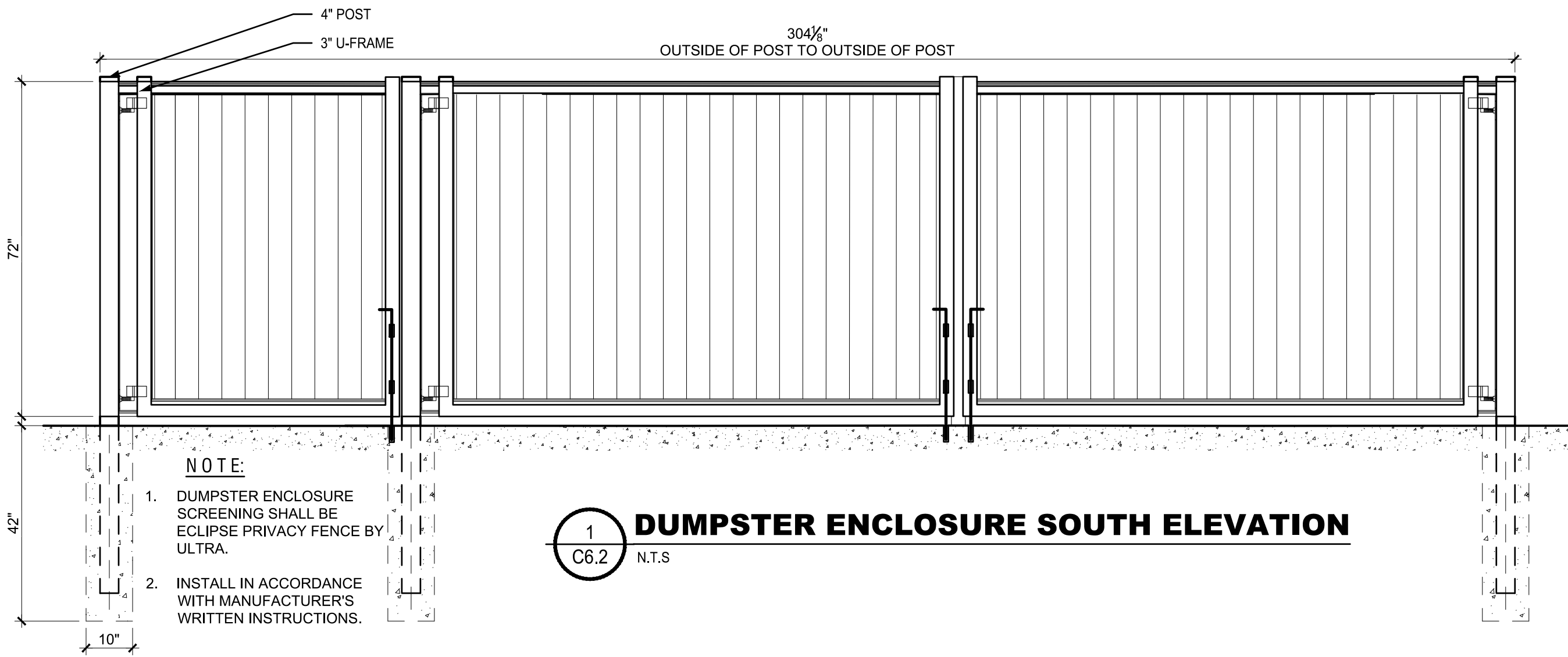
C6.1



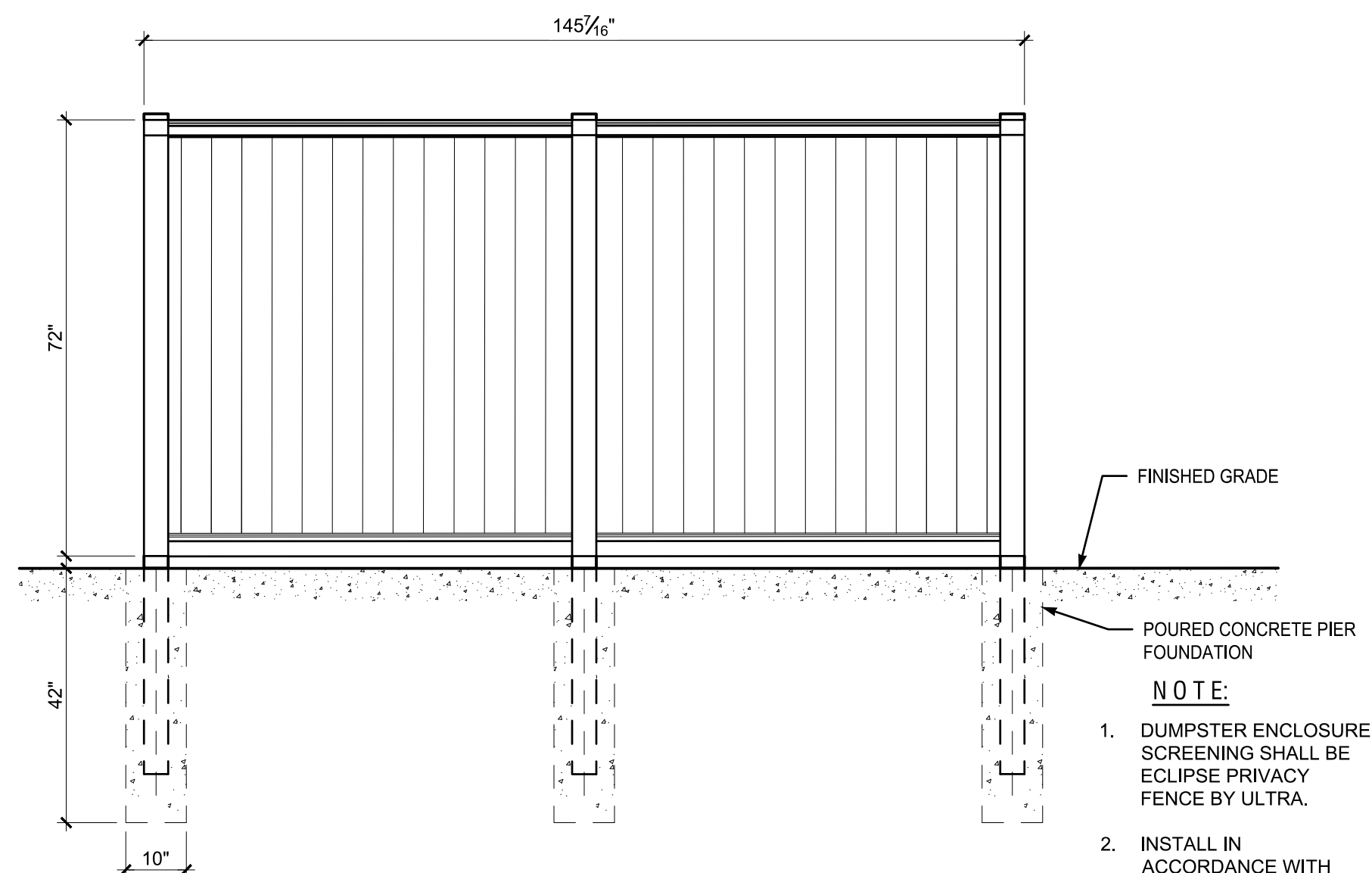
3
C6.2
DUMPSTER ENCLOSURE PLAN
SCALE = N.T.S.
DUMPSTER AND PRIVACY FENCE BASIS OF DESIGN:
MANUCATURER: ULTRA FENCING
STYLE: ECLIPSE ALUMINUM PRIVACY FENCING
HEIGHT: 8'-0"
COLOR: TO BE DETERMINED



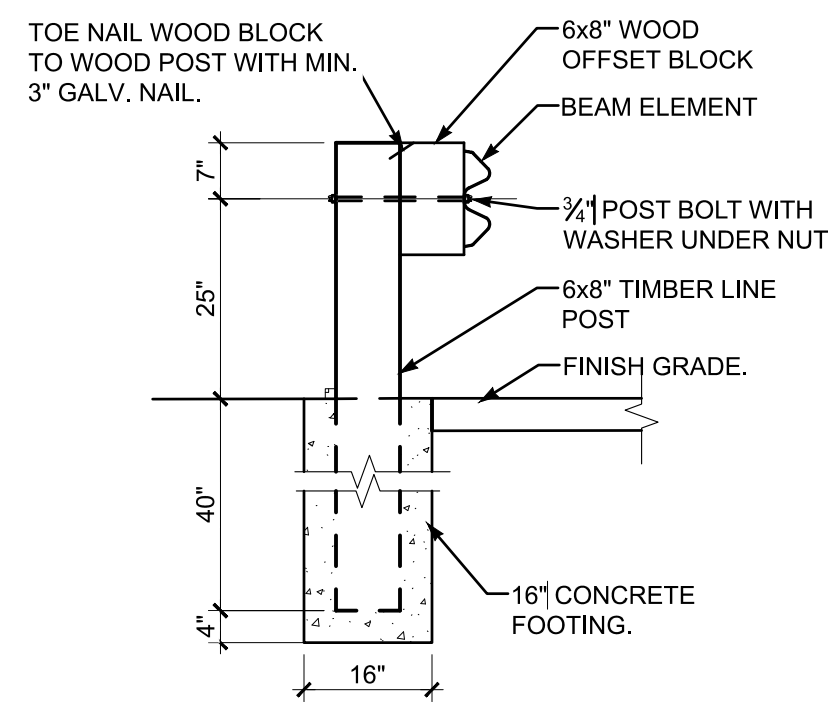
5
C6.2
DECORATIVE METAL FENCE
NOT TO SCALE



1
C6.2
DUMPSTER ENCLOSURE SOUTH ELEVATION
N.T.S.



2
C6.2
DUMPSTER ENCLOSURE EAST/WEST ELEVATION
N.T.S.



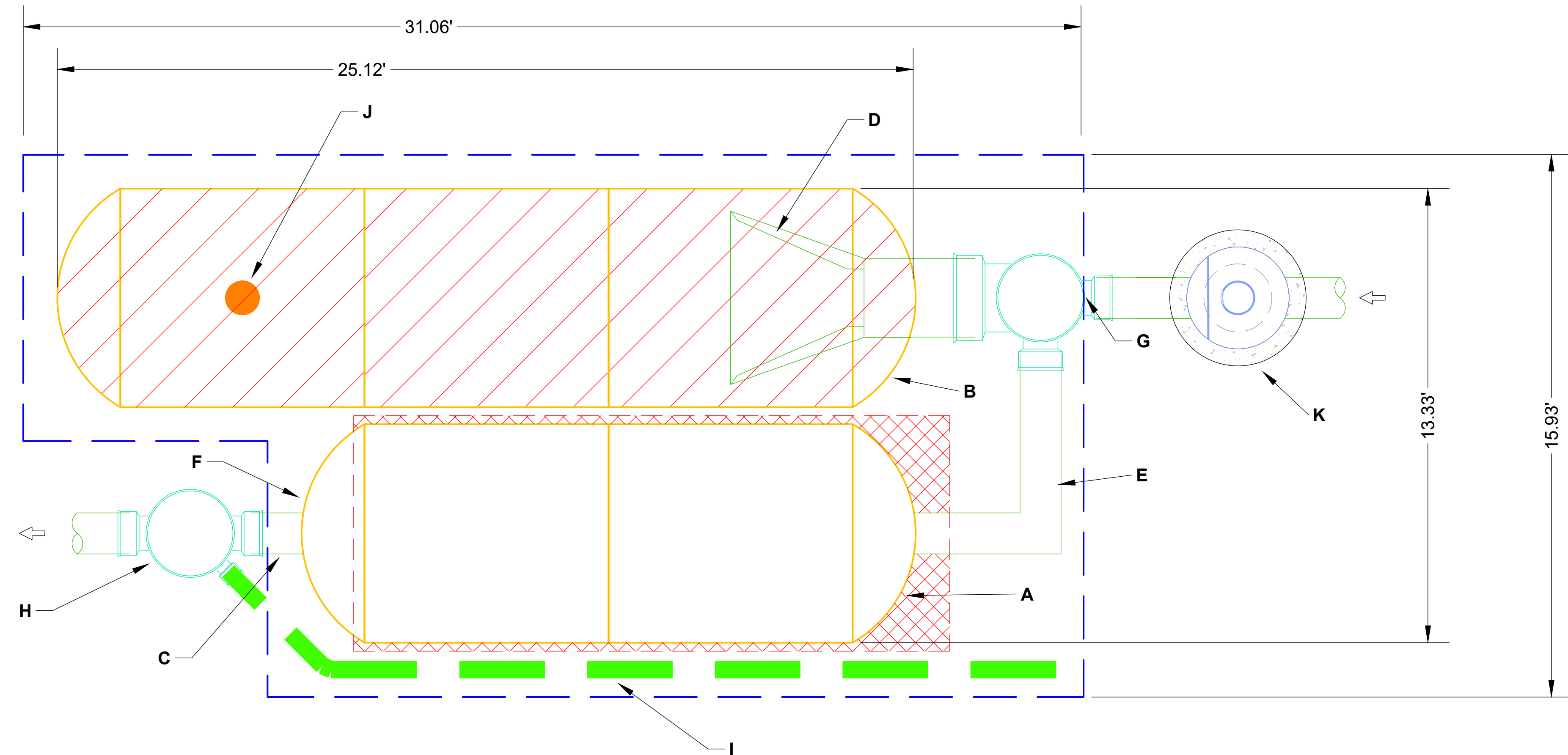
4
C6.2
GUARDRAIL DETAIL
1/2"=1'-0"

5	STORMTECH MC-3500 CHAMBERS
4	STORMTECH MC-3500 END CAPS
12	STONE ABOVE (in)
9	STONE BELOW (in)
40	% STONE VOID
1,275	INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED) (BOTTOM STONE INCLUDED*)
442	SYSTEM AREA (ft²)
94	SYSTEM PERIMETER (ft)

775.98	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED)
769.98	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)
769.48	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC)
769.48	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)
769.48	MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT)
768.98	TOP OF STONE
767.98	TOP OF MC-3500 CHAMBER
766.43	12" TOP MANIFOLD INVERT
764.40	24" ISOLATOR ROW PLUS CONNECTION INVERT
764.34	12" BOTTOM CONNECTION INVERT
764.23	BOTTOM OF MC-3500 CHAMBER
763.84	6" UNDERDRAIN INVERT
763.48	BOTTOM OF STONE

* BOTTOM STONE INCLUDED IN VOLUME CALCULATION ABOVE ELEVATION 763.84

*INVERT ABOVE BASE OF CHAMBER				
PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT*	MAX FLOW
PREFABRICATED END CAP	A	12" TOP PRE-CORED END CAP, PART#: MC3500IEPP12T / TYP OF ALL 12" TOP CONNECTIONS	26.36"	
PREFABRICATED END CAP	B	24" BOTTOM PRE-CORED END CAP, PART#: MC3500IEPP24BC / TYP OF ALL 24" BOTTOM CONNECTIONS AND ISOLATOR PLUS ROWS	2.06"	
PREFABRICATED END CAP	C	12" BOTTOM PRE-CORED END CAP, PART#: MC3500IEPP12B / TYP OF ALL 12" BOTTOM CONNECTIONS	1.35"	
FLAMP	D	INSTALL FLAMP ON 24" ACCESS PIPE / PART#: MCFLAMP		
MANIFOLD	E	12" x 12" TOP MANIFOLD, ADS N-12	26.36"	
PIPE CONNECTION	F	12" BOTTOM CONNECTION	1.35"	
NYLOPLAST (INLET W/ ISO PLUS ROW)	G	30" DIAMETER (24.00" SUMP MIN)		
NYLOPLAST (OUTLET)	H	30" DIAMETER (DESIGN BY ENGINEER)		2.0 CFS OUT
UNDERDRAIN	I	6" ADS N-12 DUAL WALL PERFORATED HDPE UNDERDRAIN		
INSPECTION PORT	J	4" SEE DETAIL		
CONCRETE STRUCTURE	K	WATER QUALITY UNIT - 3 FT DIAMETER ARCADIA (SEE SEPARATE SUBMITTAL)		



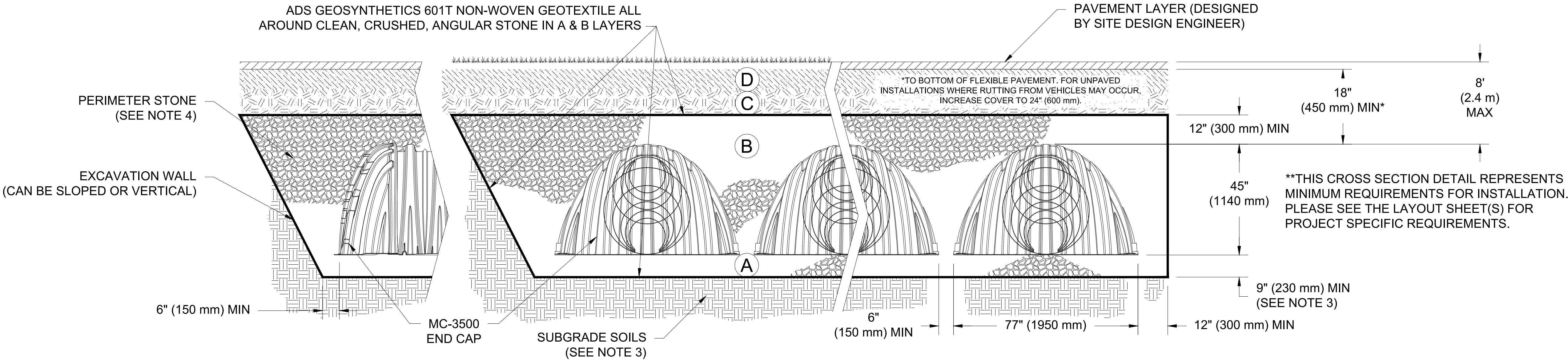
- ISOLATOR ROW PLUS
(SEE DETAIL)
- PLACE MINIMUM 17.50' OF ADSPLUS125 WOVEN GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS
- BED LIMITS

- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- **NOT FOR CONSTRUCTION:** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE ⁵	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE ⁵	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

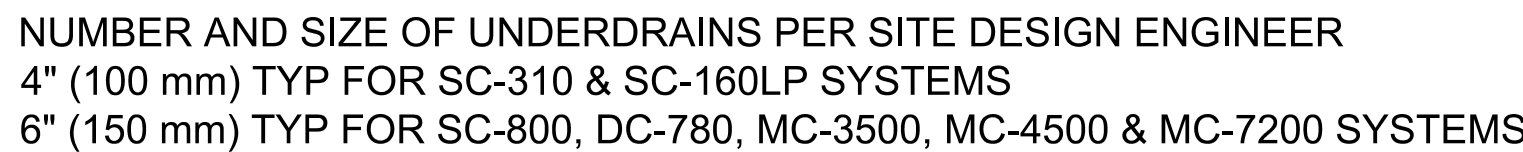
- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 - ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
 - WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



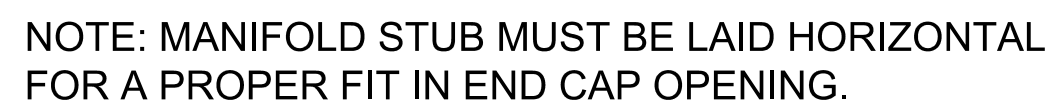
NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x76 DESIGNATION SS.
- MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE Ω ΔΘ OF ΧΑΜΒΕΡΣ ΔΥΡΙΝΓ ΣΗΠΠΙΠΙΝΓ ΑΝΔ ΗΑΝΔΛΙΝΓ, ΧΑΜΒΕΡΣ ΣΗΑΛΛ ΗΑΨΕ ΙΝΤΕΓΡΑΛ, ΙΝΤΕΡΛΟΧΚΙΝΓ ΣΤΑΧΚΙΝΓ ΛΥΤΣ.
 - TO ΕΝΣΥΡΕ Α ΣΕΧΥΡΕ ΘΟΙΝΤ ΔΥΡΙΝΓ ΙΝΣΤΑΛΛΑΤΙΟΝ ΑΝΔ ΒΑΧΚΦΙΛΛ, ΤΗΕ ΗΕΙΓΗΤ ΟΦ ΤΗΕ ΧΑΜΒΕΡ ΘΟΙΝΤ ΣΗΑΛΛ ΝΟΤ ΒΕ ΛΕΣΣ ΤΗΑΝ 3ΐ.
 - TO ΕΝΣΥΡΕ ΤΗΕ ΙΝΤΕΓΡΙΤΨ ΟΦ ΤΗΕ ΑΡΧΗ ΣΗΑΠΕ ΔΥΡΙΝΓ ΙΝΣΤΑΛΛΑΤΙΟΝ, α) ΤΗΕ ΑΡΧΗ ΣΤΙΦΘΝΕΣΣ ΧΟΝΣΤΑΝΤ ΣΗΑΛΛ ΒΕ ΓΡΕΑΤΕΡ ΤΗΑΝ ΟΡ ΕΘΥΑΛ ΤΟ 500 ΛΒΣ/ΦΤ/%. ΤΗΕ ΔΕΧ ΙΣ ΔΕΦΙΝΕΔ ΙΝ ΣΕΧΤΙΟΝ 6.2.8 ΟΦ ΑΣΤΜ Φ2418. ΑΝΔ β) ΤΟ ΡΕΣΙΣΤ ΧΑΜΒΕΡ ΔΕΦΟΡΜΑΤΙΟΝ ΔΥΡΙΝΓ ΙΝΣΤΑΛΛΑΤΙΟΝ ΑΤ ΕΛΕΨΑΤΕΔ ΤΕΜΠΕΡΑΤΥΡΕΣ (ΑΒΟΨΕ 73° Φ / 23° Χ), ΧΑΜΒΕΡΣ ΣΗΑΛΛ ΒΕ ΠΡΟΔΥΧΕΔ ΦΡΟΜ ΡΕΦΛΕΧΤΙΨΕ ΓΟΛΛ ΟΡ ΨΕΛΛΟΩ ΧΟΛΟΡΣ.

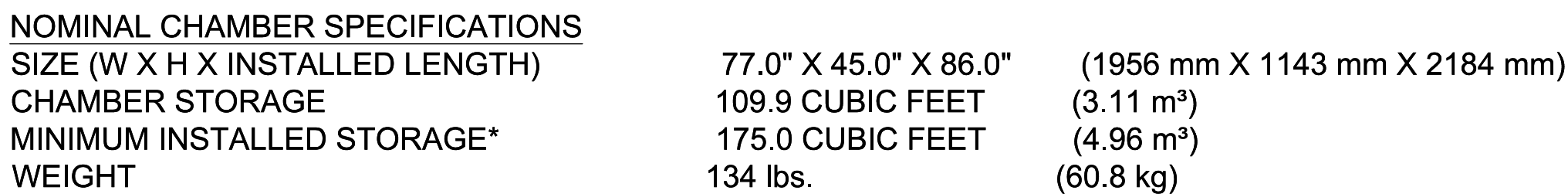
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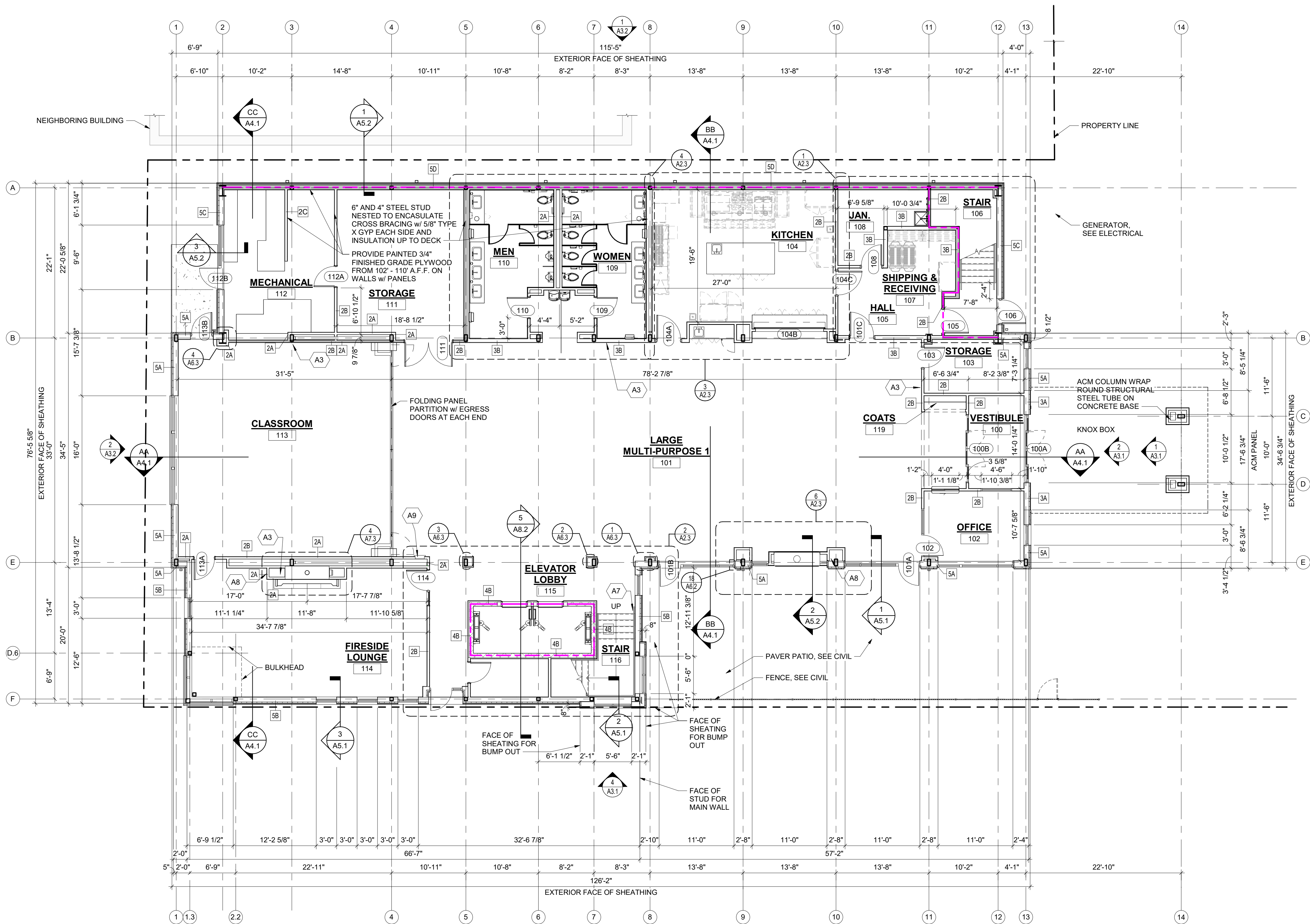
<u>NOMINAL END CAP SPECIFICATIONS</u>		
SIZE (W X H X INSTALLED LENGTH)	75.0" X 45.0" X 22.2"	(1905 mm X 1143 mm X 564 mm)
END CAP STORAGE	14.9 CUBIC FEET	(0.42 m³)
MINIMUM INSTALLED STORAGE*	45.1 CUBIC FEET	(1.28 m³)
WEIGHT	49 lbs.	(22.2 kg)

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION, 6" SPACING BETWEEN CHAMBERS, 6" (152 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A WELDED CROWN PLATE END WITH "C"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

NOTE: ALL DIMENSIONS ARE NOMINAL

CUSTOM PRECURED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-3500 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.



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

GENERAL NOTES - FLOOR PLAN

- A. DO NOT SCALE DRAWINGS - USE WRITTEN DIMENSIONS PROVIDED ONLY
- B. DIMENSIONS ARE SHOWN TO COLUMN LINES, FACE OF CMU, AND FACE OF METAL STUDS.
- C. ALL SPECIFIED ITEMS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR AS COMPLETE SYSTEMS WITH ALL ACCESSORY ITEMS REQUIRED FOR A COMPLETE INSTALLATION. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ALL TRADES, CONSTRUCTION TYPES, ETC...TO PREVENT EXCLUSION OR DUPLICATION. GENERAL CONTRACTORS BIDS SHALL BE ALL INCLUSIVE.
- D. REFER TO SHEET T1.2 FOR WALL TYPES
- E. REFER TO SHEET A9.0 ROOM FINISH SCHEDULE FOR INTERIOR FINISH MATERIALS.
- F. REFER TO SHEET A6.1 SCHEDULES FOR DOOR AND FRAME ELEVATIONS.
- G. REFER TO SHEET A8.0 & A8.1 FOR WINDOW AND STOREFRONT ELEVATIONS
- H. REFER TO STRUCTURAL DRAWINGS & SPECIFICATIONS FOR ADDITIONAL INFORMATION
- I. REFER TO MEP DRAWING & SPECIFICATIONS FOR ADDITIONAL INFORMATION
- J. KITCHEN EQUIPMENT IN KITCHEN 104 AND SHIPPING & RECEIVING 107 BY OWNER UNLESS OTHERWISE NOTED
- K. KITCHEN EQUIPMENT IN HOSPITALITY 209 BY OWNER UNLESS OTHERWISE NOTED.
- L. EXTEND ALL PARTITION WALL FRAMING TO THE DECK. EXTEND ONE SIDE DRYWALL AND BATT INSULATION TO DECK AND THE OPPOSITE SIDE OF DRYWALL TO 6" ABOVE CEILING GRID

KEYNOTES - FLOOR PLAN

MARK	NOTE
A1	ACOUSTIC CEILING BAFFLES (SCS-1) TO BE EVENLY SPACED BETWEEN STRUCTURE. COORDINATE HEIGHT AND DIMENSIONS WITH ARCHITECT PRIOR TO INSTALLATION.
A2	ALUMINUM AND GLASS HAND/GUARDRAIL SYSTEM. SEE SPECIFICATIONS
A3	WALL-MOUNTED TV MONITOR AND BRACKET BY OWNER. COORDINATE BLOCKING. TOP OF MONITOR TO BE MOUNTED AT 10'-0" A.F.F.
A4	WALL-MOUNTED TV MONITOR AND BRACKET BY OWNER. COORDINATE BLOCKING. CENTERLINE OF MONITOR TO BE AT 7'-6" A.F.F. U.N.O.
A5	FUTURE PARTITION WALL
A6	FUTURE DOOR OPENING
A7	ILLUMINATED STAIR HANDRAILING.
A8	EMERGENCY GAS SHUT-OFF FOR FIREPLACE LOCATION.
A9	AED LOCATION

BID SET

NEW FACILITY
ECUMENICAL SENIOR
CENTER
702 N. BURDICK ST.
KALAMAZOO, MI 49007

SHEET TITLE:

MODELED BY: JCA

DESIGNED BY: MSF

PM REVIEW: CW

QA/QC REVIEW: SW

DATE: 2025.09.05

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A1.1

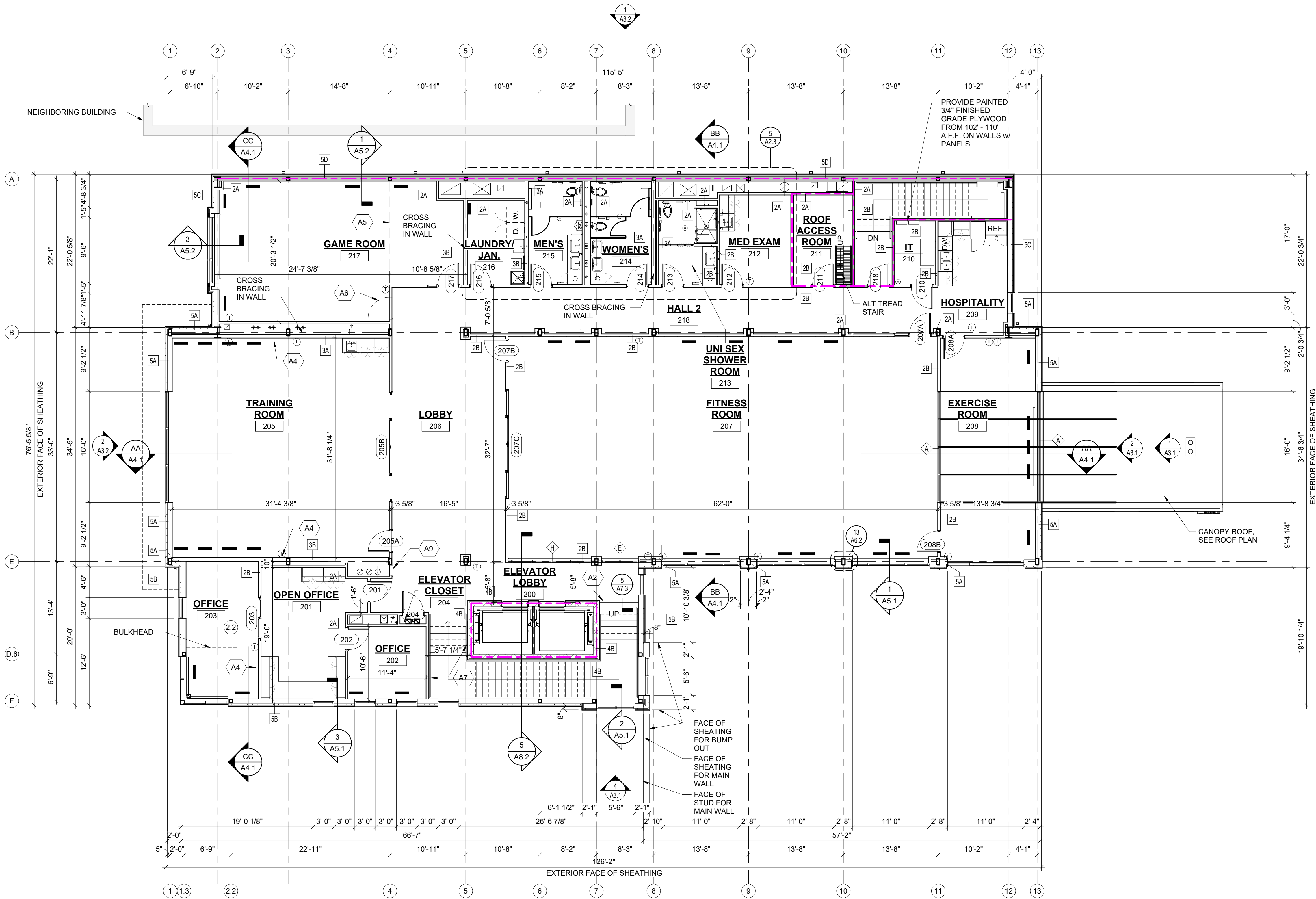
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SECOND FLOOR - CONSTRUCTION PLAN
1/8" = 1'-0"

GENERAL NOTES - FLOOR PLAN

- A. DO NOT SCALE DRAWINGS - USE WRITTEN DIMENSIONS PROVIDED ONLY
- B. DIMENSIONS ARE SHOWN TO COLUMN LINES, FACE OF CMU, AND FACE OF METAL STUDS.
- C. ALL SPECIFIED ITEMS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR AS COMPLETE SYSTEMS WITH ALL ACCESSORY ITEMS REQUIRED FOR A COMPLETE INSTALLATION. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ALL TRADES, CONSTRUCTION TYPES, ETC., TO PREVENT EXCLUSION OR DUPLICATION. GENERAL CONTRACTORS BIDS SHALL BE ALL INCLUSIVE.
- D. REFER TO SHEET T1.2 FOR WALL TYPES
- E. REFER TO SHEET A9.0 ROOM FINISH SCHEDULE FOR INTERIOR FINISH MATERIALS.
- F. REFER TO SHEET A6.1 SCHEDULES FOR DOOR AND FRAME ELEVATIONS.
- G. REFER TO SHEET A8.0 & A8.1 FOR WINDOW AND STOREFRONT ELEVATIONS
- H. REFER TO STRUCTURAL DRAWINGS & SPECIFICATIONS FOR ADDITIONAL INFORMATION
- I. REFER TO MEP DRAWING & SPECIFICATIONS FOR ADDITIONAL INFORMATION
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- K. KITCHEN EQUIPMENT IN HOSPITALITY 209 BY OWNER UNLESS OTHERWISE NOTED.
- L. EXTEND ALL PARTITION WALL FRAMING TO THE DECK. EXTEND ONE SIDE DRYWALL AND BATT INSULATION TO DECK AND THE OPPOSITE SIDE OF DRYWALL TO 6" ABOVE CEILING GRID

KEYNOTES - FLOOR PLAN

MARK	NOTE
A1	ACOUSTIC CEILING BAFFLES (SCS-1) TO BE EVENLY SPACED BETWEEN STRUCTURE. COORDINATE HEIGHT AND DIMENSIONS WITH ARCHITECT PRIOR TO INSTALLATION.
A2	ALUMINUM AND GLASS HAND/GUARDRAIL SYSTEM, SEE SPECIFICATIONS
A3	WALL-MOUNTED TV MONITOR AND BRACKET BY OWNER. COORDINATE BLOCKING. TOP OF MONITOR TO BE MOUNTED AT 10'-0" A.F.F.
A4	WALL-MOUNTED TV MONITOR AND BRACKET BY OWNER. COORDINATE BLOCKING. CENTERLINE OF MONITOR TO BE AT 7'-6" A.F.F. U.N.O.
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A6	FUTURE DOOR OPENING
A7	ILLUMINATED STAIR HANDRAILING.
A8	EMERGENCY GAS SHUT-OFF FOR FIREPLACE LOCATION.
A9	AED LOCATION

BID SET
SECOND FLOOR PLAN

PROJECT:
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702 N. BURDICK ST.
KALAMAZOO, MI 49007

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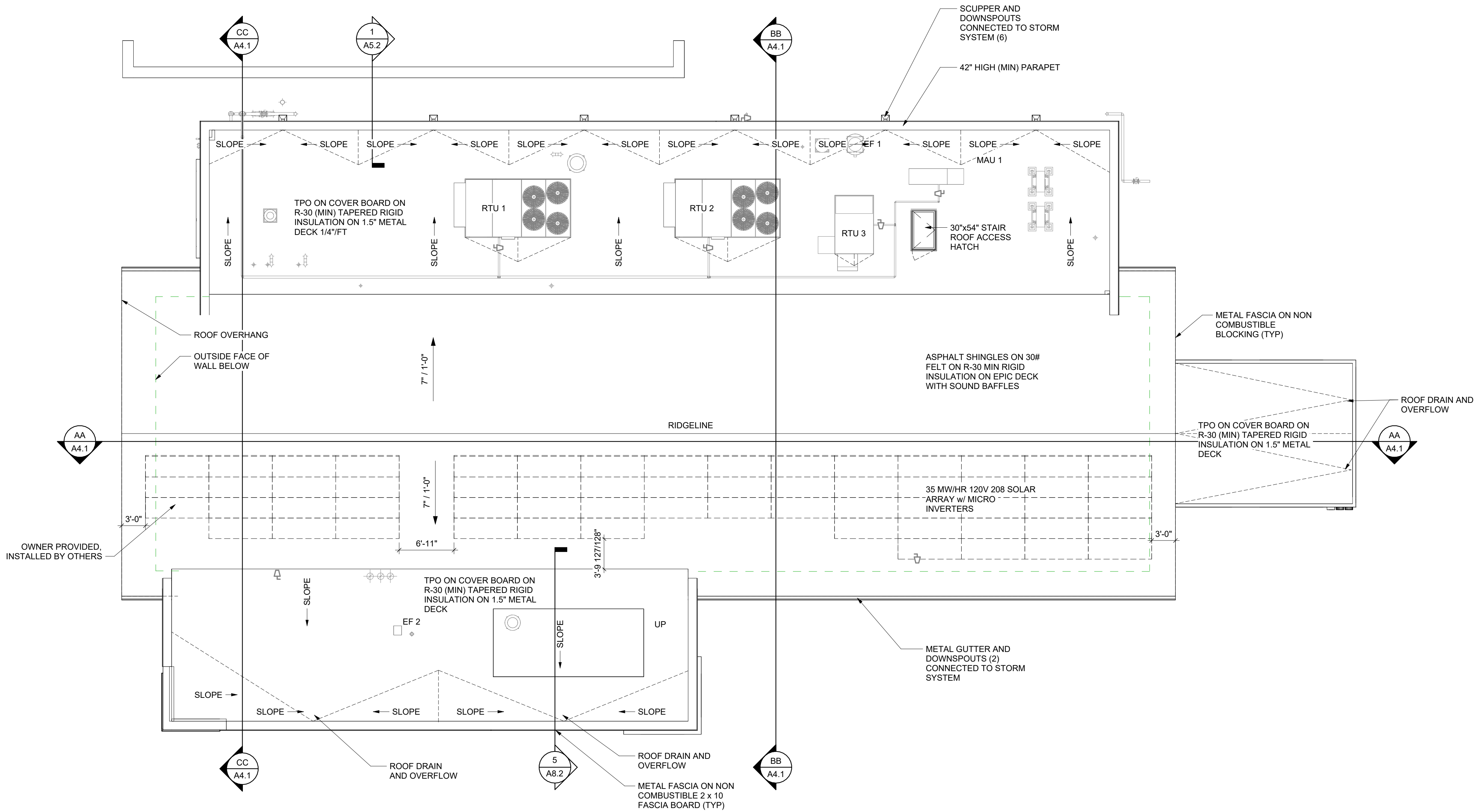
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A1.2

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ROOF - CONSTRUCTION PLAN
1/8" = 1'-0"

GENERAL NOTES - ROOF PLAN

A. [TEXT]

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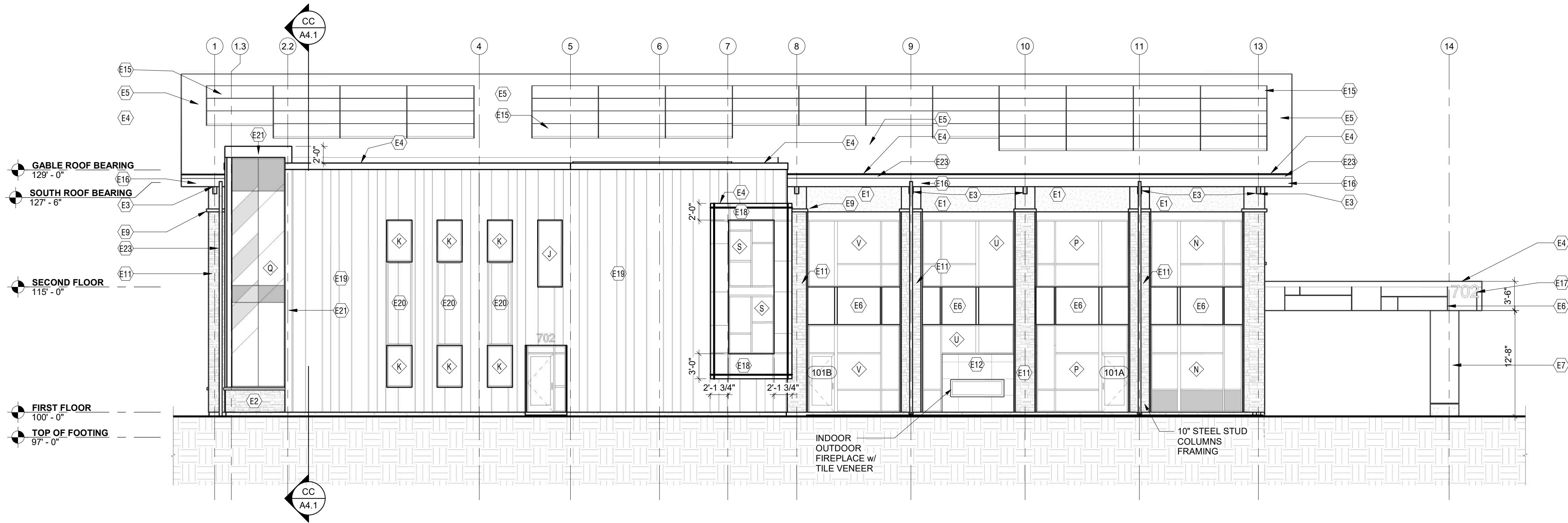
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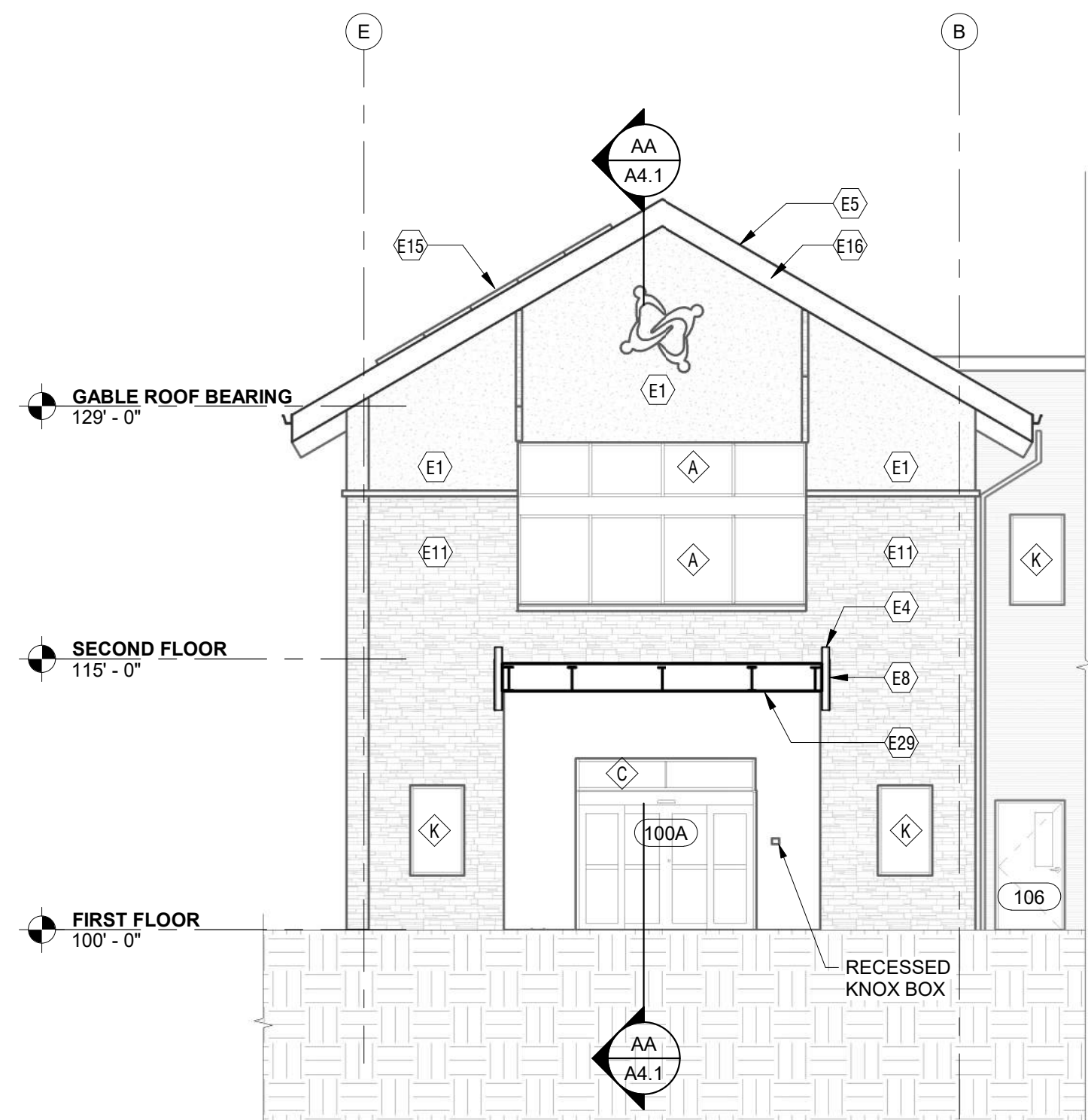
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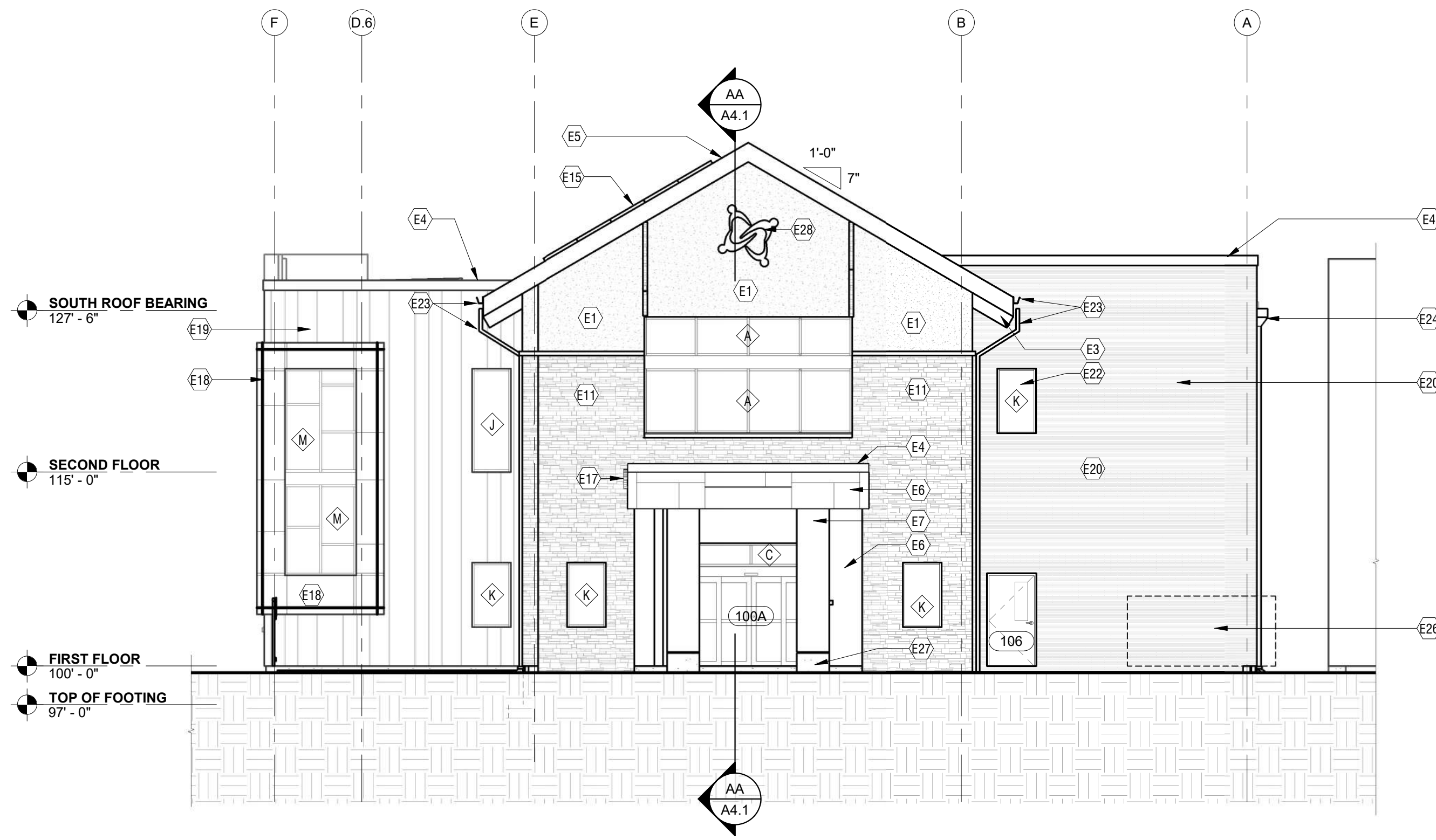
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4 SOUTH ELEVATION
A3.1 1/8" = 1'-0"



2 PARTIAL EAST ELEVATION
A3.1 1/8" = 1'-0"



1 EAST ELEVATION
A3.1 1/8" = 1'-0"

GENERAL NOTES - EXTERIOR ELEVATIONS

- A. PROVIDE SEALANT AND BACKER ROD BETWEEN ALL DISSIMILAR MATERIALS

KEYNOTES - ARCH ELEVATIONS

MARK	NOTE
E1	EXTERIOR INSULATED FINISHING SYSTEM, EIFS, COLOR -DRYVIT COLOR GIBALTAR #200, TEXTURE- SANDBLAST
E2	EXTERIOR INSULATED FINISHING SYSTEM, EIFS, RAKE TRIM PROFILE, COLOR - DYVIT COLOR GIBALTAR #200, , TEXTURE- SANDBLAST
E3	EXPOSED STRUCTURE RAFTER, PAINT BLACK
E4	ALUMINUM DRIP EDGE MATCH ADJACENT METAL PANEL
E5	ASPHALT ROOF SHINGLE: CERTAINTEED COLONIAL SLATE OR EQUAL
E6	ACM METAL PANEL: ASHLAR PATTERN REVEALS
E7	AMERICLAD ALUMINUM COLUMN COVER: COLOR -RIFT NATURAL OAK OR EQUAL
E8	METAL ROOF AND PARAPET TRIM, MATCH ADJACENT METAL COLOR
E9	MANUFACTURED STONE SILL
E10	METAL SOFFIT PANEL, COLOR
E11	VENEER STONE SYSTEM ASHLAR DRYSTACK: COLOR PROVIA BRINDLE CHISEL CUT
E12	PORCELAIN TILE VENEER. REFER TO INTERIOR FINISH SCHEDULE FOR PT-2 SELECTION.
E15	SOLAR ARRAY PANEL ON ROOF STAND-OFF FRAMING, TYPICAL
E16	ALUMINUM FASCIA AND FRIEZEBOARD TRIM, COLOR BLACK
E17	ALUMINUM COMPOSITE PANEL: COATED METALS GROUP CMG, COLOR DEEP BLACK
E18	ACM PANEL: COATED METALS GROUP CMG, COLOR SLATE BLUE
E19	VERTICAL METAL SIDING PANEL : PROFILE : COATED METALS GROUP ULTRA-FLANGE, RANDOM WIDTHS 12", 14", 16", COLOR CITYSCAPE
E20	METAL SIDING PANEL: HORIZONTAL CORRUGATED PANEL, PROFILE : COATED METALS GROUP ULTRA-RIB, COLOR CHARCOAL
E21	ALUMINUM COMPOSITE PANEL, ACM, METAL CLOSURE PANEL TO MATCH STOREFRONT FRAMING COLOR, TYPICAL
E22	INSULATED GLASS STOREFRONT WINDOW IN ALUMINUM FRAME: KYNAR FINISH BLACK
E23	METAL GUTTER AND DOWNSPOUT, PAINT BLACK
E24	METAL SCUPPER BOX AND DOWNSPOUR, PAINT BLACK
E26	PROPOSED LOCATION OF EMERGENCY GENERATOR
E27	EXPOSED CONCRETE COLUMN BASE
E28	PROJECT LOGO OF PAINTED AND BRUSHED ALUMINUM PLATE FORMS ON STAINLESS STEEL STAND-OFF BRACKETING.
E29	ALUMINUM SOFFIT PANELS- MAC METALS, HARRY WOOD - COLOR TEAK

BID SET

EXTERIOR ELEVATIONS

SHEET TITLE:

MODELED BY: JCA

DESIGNED BY: MSF

PM REVIEW: CW

QA/QC REVIEW: SW

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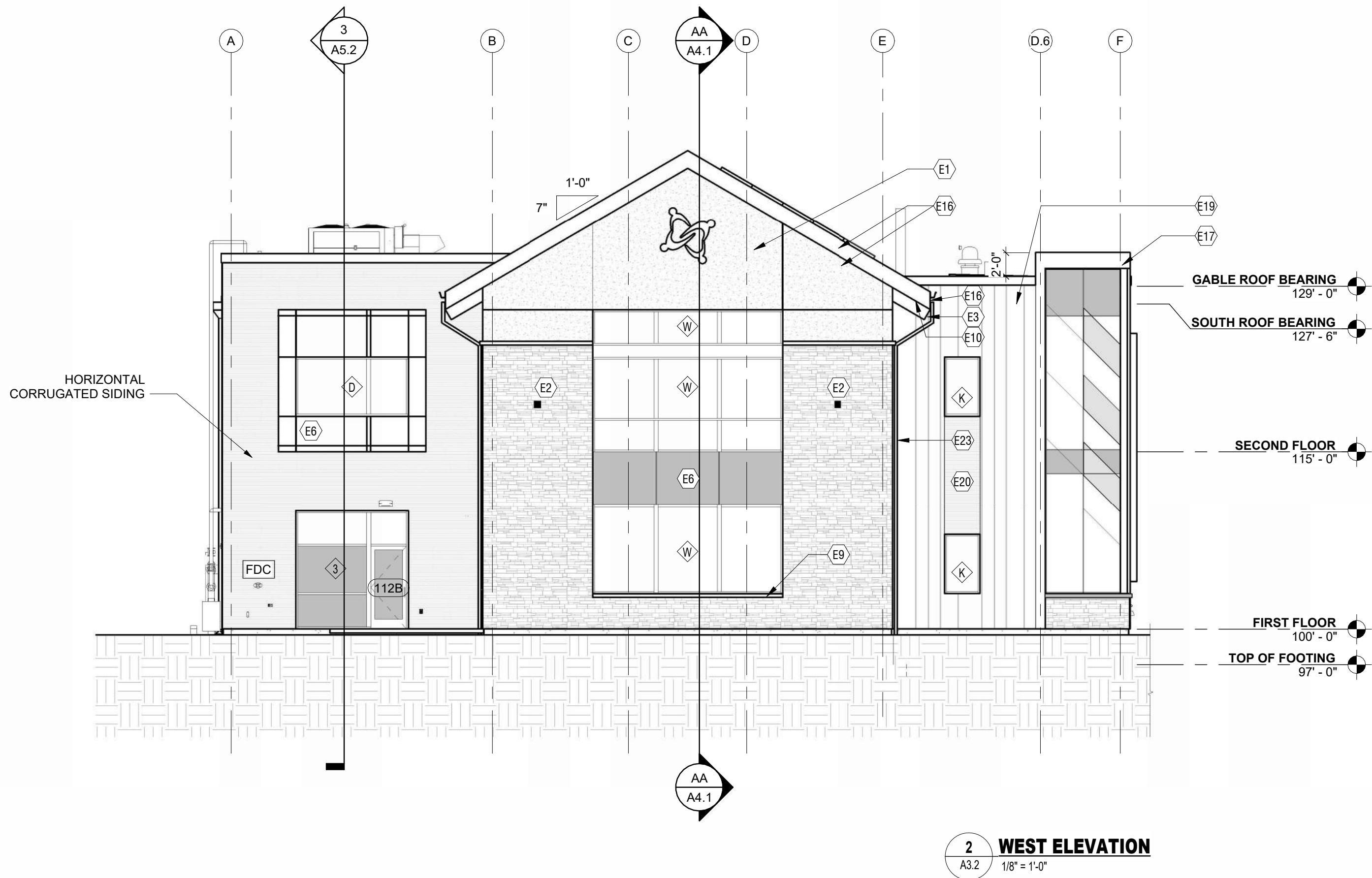
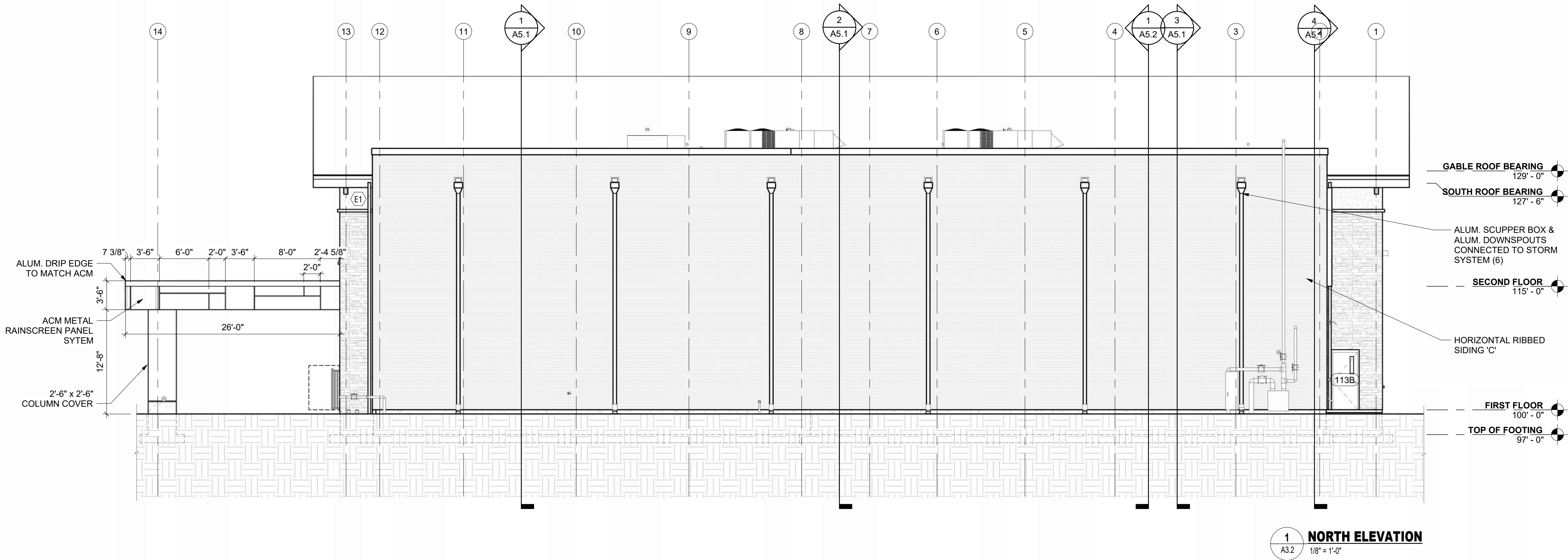
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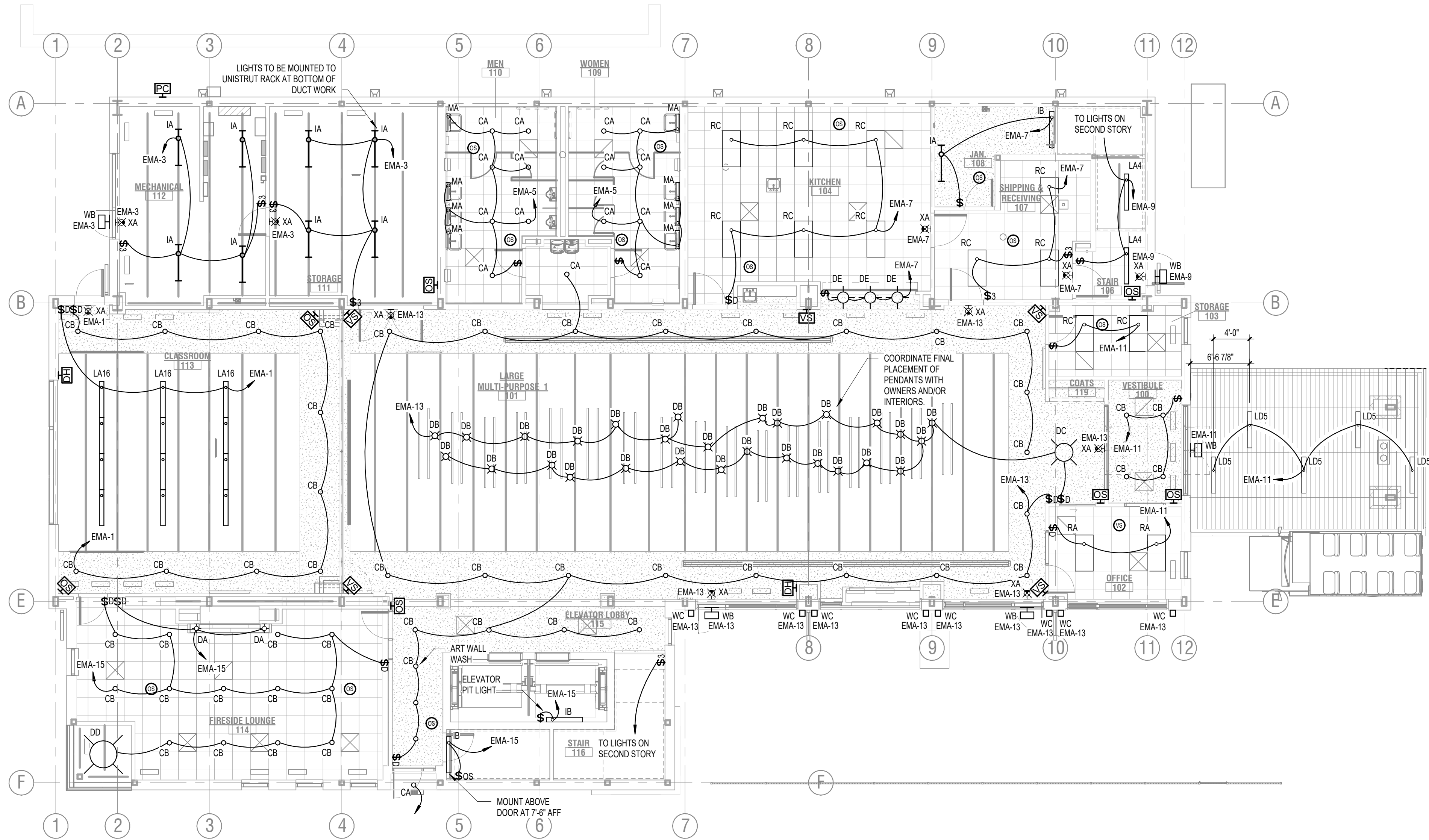
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Engineering, Architecture, Land Surveying



KEYNOTES - ARCH ELEVATIONS	
MARK	NOTE
E1	EXTERIOR INSULATED FINISHING SYSTEM, EIFS, COLOR - DRYVIT
E2	EXTERIOR INSULATED FINISHING SYSTEM, EIFS, RAKE TRIM PROFILE, COLOR - DYVIT COLOR GIBRALTAR #200, , TEXTURE- SANDBLAST
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FIRST FLOOR LIGHTING PLAN
1/8" = 1'-0"

PROJECT:
**NEW FACILITY
ECUMENICAL SENIOR
CENTER**
702 N. BURDICK ST.
KALAMAZOO, MI 49007

SHEET TITLE:
BID SET
FIRST FLOOR LIGHTING PLAN

MODELED BY:
DESIGNED BY:
PM REVIEW:
QA/QC REVIEW:
DATE: 2025.09.05
SEAL:

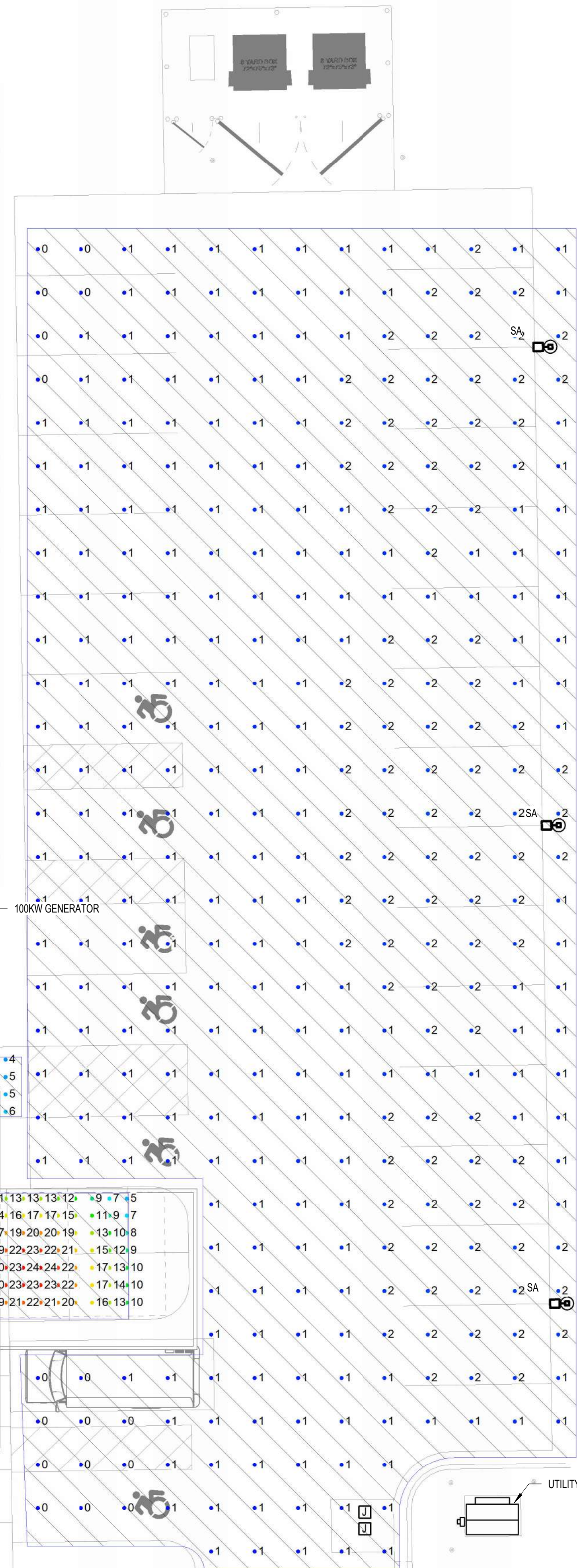
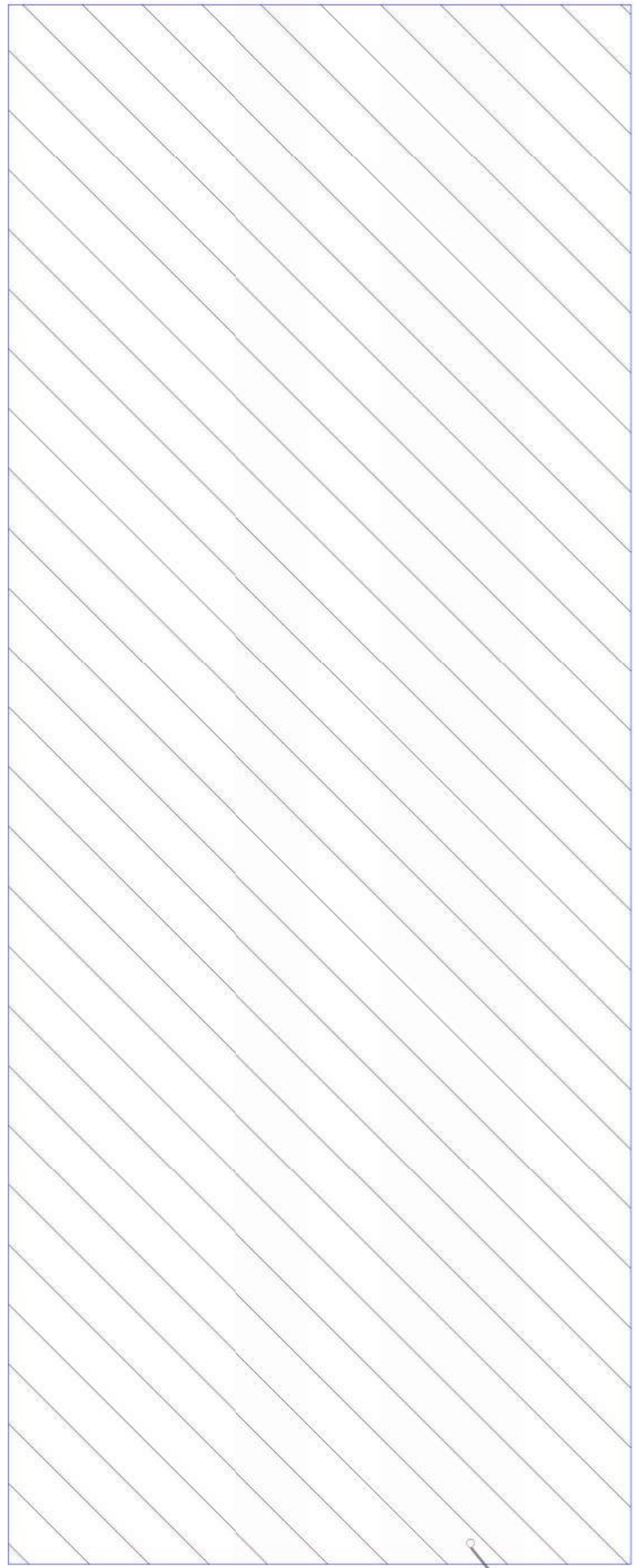
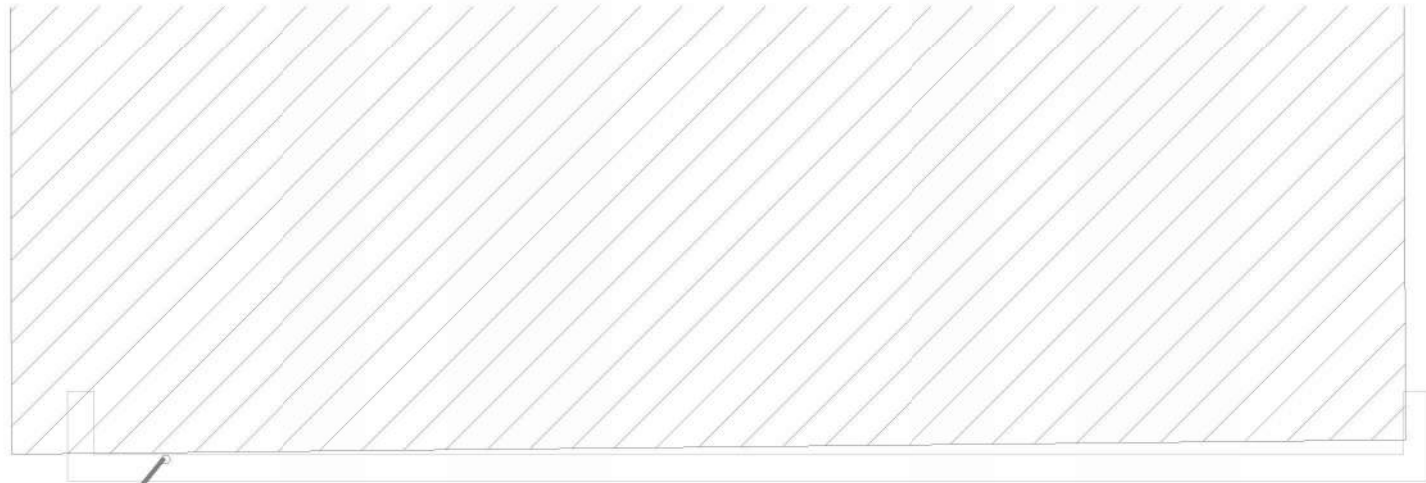
SIGNATURE:
DATE:
HARD COPY IS INTENDED TO BE
24" x 36" WHEN PLOTTED
SCALE(S) INDICATED AND
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SIZES

SCALE:
UNLESS NOTED OTHERWISE
ACI JOB #
21100109
SHEET NO.

E2.1

NO.	REVISION DESCRIPTION	BY	DATE
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SITE PHOTOMETRIC CALCULATIONS				
CALCULATIONS POINT NAME	AVERAGE	MAXIMUM	MINIMUM	MAXMIN
SITE: PARKING LOT	1.2 fc	2.1 fc	0.1 fc	14.5
SITE: PAST WEST & EAST PROPERTY LINES	0.0 fc	0.0 fc	0.0 fc	0.0
SITE: EGRESS	6.6 fc	24.0 fc	1.0 fc	24.4



SITE PHOTOMETRIC PLAN
1" = 10'-0"

NO.	REVISION DESCRIPTION	BY	DATE
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MODELED BY:	Author
DESIGNED BY:	
PM REVIEW:	
QA/QC REVIEW:	
DATE:	2025.09.05
SEAL:	

SIGNATURE:

DATE:

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