



# Genoa Bank

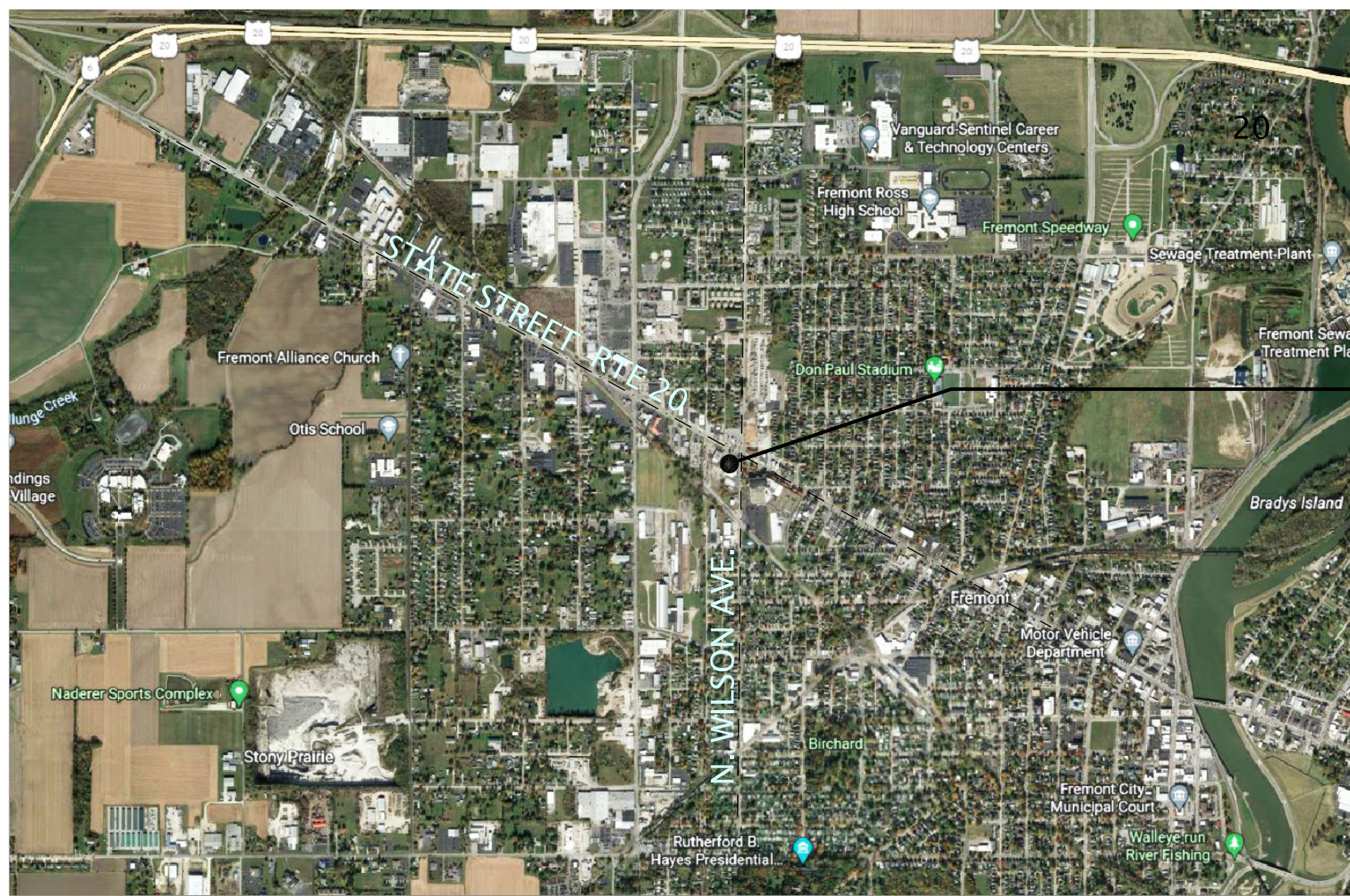
## New Branch

### 1701 West State Street ( Route 20 )

### Fremont, Sandusky County, Ohio 43420

February 16, 2023  
DAP Project No. 22019

#### LOCATION MAP



PROJECT LOCATION

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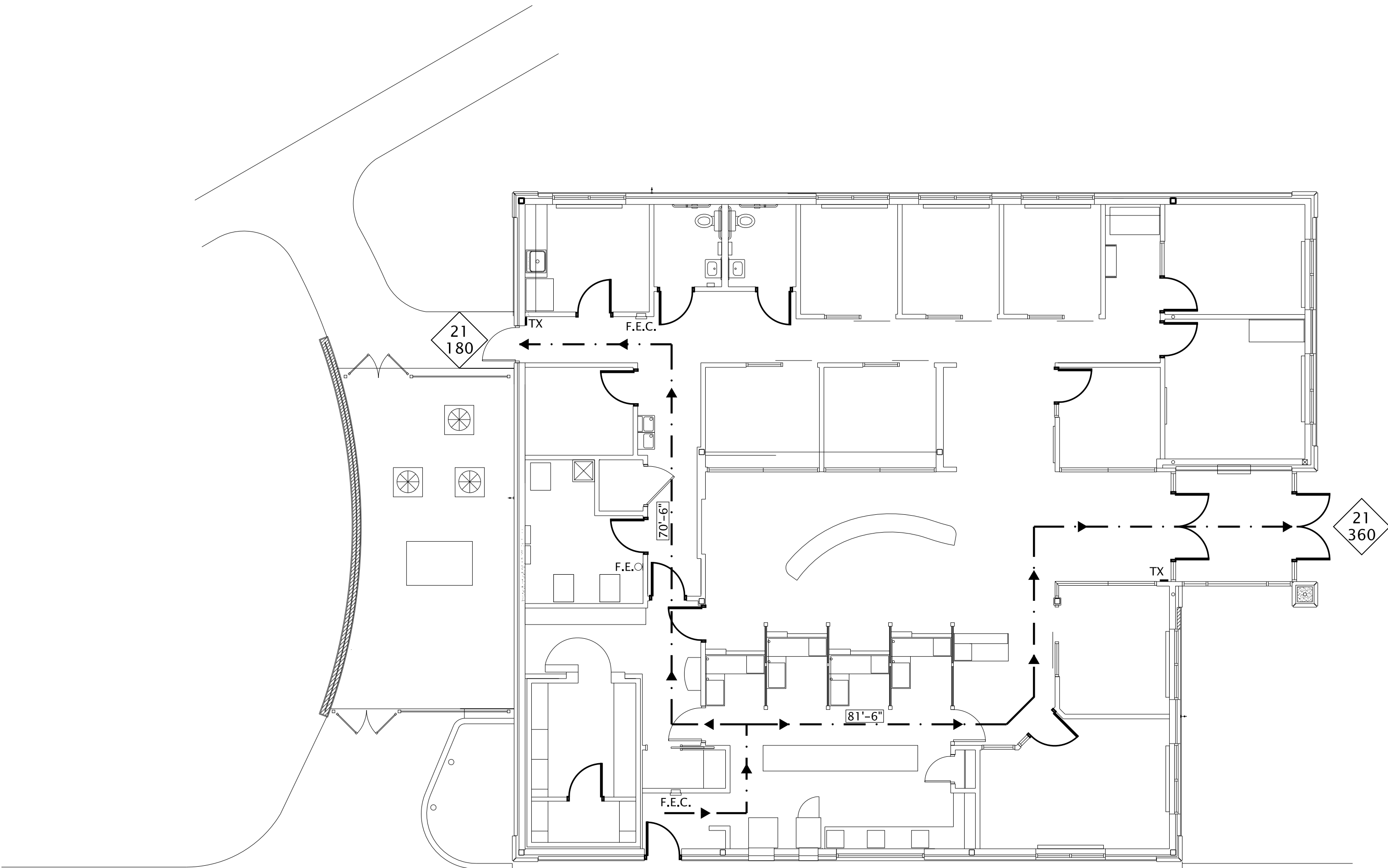
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- E2.03 FLOOR PLAN - SYSTEMS
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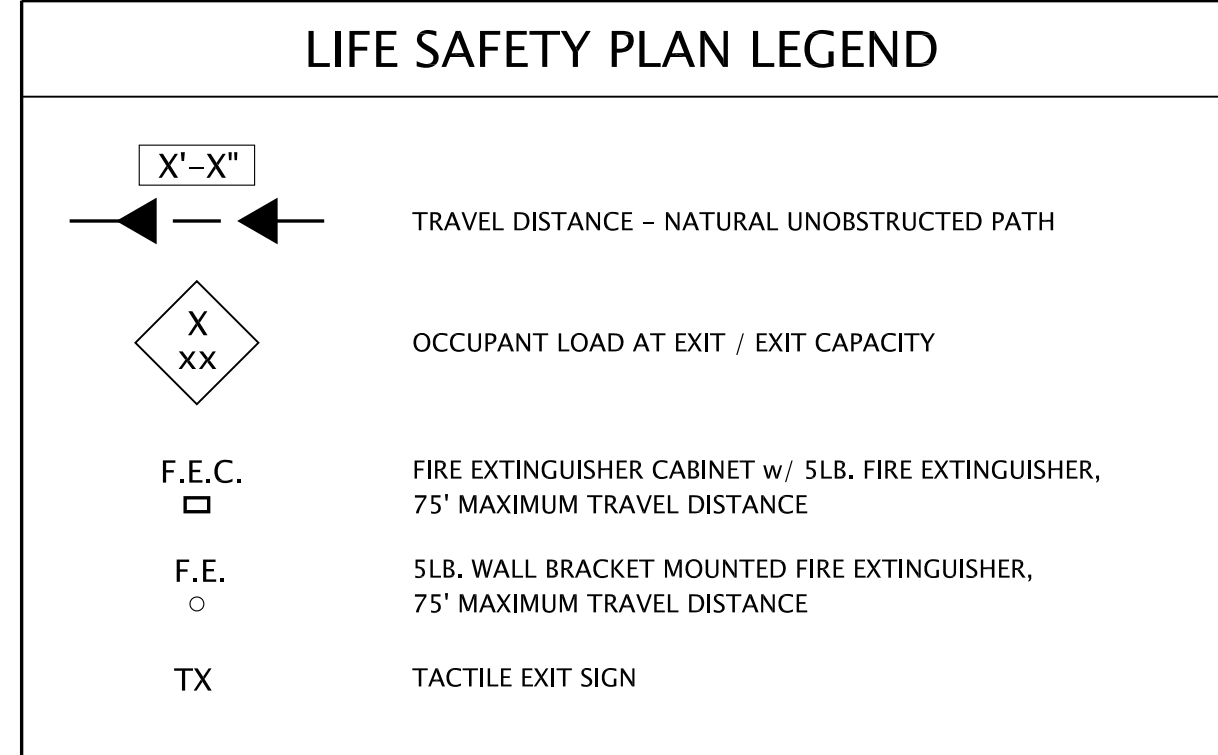
**FREDERICK & ASSOCIATES**  
ENGINEERS - SURVEYORS - PLANNERS  
5109 N. SUMMIT STREET TOLEDO, OHIO 43611  
419.340.2650 fax 419.726.1995  
DFREDERICK@FREDERICKASSOC.COM

**Structural Design Systems, Inc.**  
12875 Eckel Jct. Rd., Suite A Perryburg, OH 43551  
Phone: (419) 872-7103 Fax: (419) 872-7104

**JDRM ENGINEERING, INC.**  
ELECTRICAL \* MECHANICAL \* TELECOMMUNICATIONS  
5804 N. Main Street, Suite 200  
Sylvania, Ohio 43560  
Ph: (419) 824-2400 Fax: (419) 824-2409  
E-mail: files@jdrm.com www.jdrm.com



LIFE SAFETY PLAN  
SCALE: 1/8" = 1'-0"



#### LIFE SAFETY PLAN GENERAL NOTES

- FINAL LOCATION OF ALL FIRE EXTINGUISHERS AND FIRE EXTINGUISHER CABINETS SHALL BE APPROVED BY THE LOCAL GOVERNING AUTHORITY.
- REFER TO ELECTRICAL DRAWINGS FOR LIFE SAFETY RELATED FEATURES INCLUDING EMERGENCY LIGHTING, ILLUMINATED EXIT SIGNS, ETC.

BUILDING CODE SUMMARY		
BUILDING DESCRIPTION	NEW ONE STORY BANK BUILDING <ul style="list-style-type: none"><li>BRICK VENEER WOOD FRAME STRUCTURE WITH I-JOIST ROOF FRAMING AT MAIN BUILDING AND WOOD TRUSSES AT DRIVE-THRU CANOPY.</li><li>STEEL COLUMNS AND BEAMS.</li><li>STEEL STUD INTERIOR PARTITIONS.</li><li>POURED CONCRETE FOUNDATION TO BELOW LOCAL FROST LINE.</li><li>STANDING SEAM METAL ROOF.</li></ul>	
APPLICABLE CODES	BUILDING CODE 2017 OHIO BUILDING CODE MECHANICAL CODE 2017 OHIO MECHANICAL CODE FIRE CODE NFPA 1 2017 OFC PLUMBING CODE 2017 PLUMBING CODE ELECTRICAL CODE 2017 NATIONAL ELECTRIC CODE, AND ALL REFERENCED CODES & STANDARDS	
USE GROUP	SECTION 304	BUSINESS "B"
ALLOWABLE BUILDING HEIGHT AND AREA	TABLE 503	2 STORY (40 FEET) HIGH AND 9,000 S.F. FOR USE GROUP 5B
ACTUAL BUILDING HEIGHT AND AREA	1 STORY: 33'-8" TO AVERAGE HEIGHT OF CLERESTORY ROOF MAIN BUILDING: 4,185 SQ. FT. CANOPY: 1,205 SQ. FT. 5,390 SQ. FT. TOTAL	
TYPE OF CONSTRUCTION	TABLES 601 & 602	5B: MINIMUM SEPARATION DISTANCE BETWEEN BANK AND PROPERTY LINE IS 40' +/-  PRIMARY STRUCTURAL FRAME 0 HRS. EXTERIOR BEARING WALLS 0 HRS. EXTERIOR NONBEARING WALLS 0 HRS. FLOOR CONSTRUCTION AND SECONDARY MEMBERS 0 HRS. ROOF CONSTRUCTION AND SECONDARY MEMBERS 0 HRS.
DRAFT STOPPING IN ATTICS	SECTION 717.4.3	DRAFTSTOPPING REQUIRED FOF EACH 3,000 SQ. FT.
FIRE PROTECTION SYSTEM	SEC. 903.2.2	A FIRE PROTECTION SYSTEM IS NOT REQUIRED FOR THIS BUILDING
SMOKE DETECTION SYSTEM	SECTION 907	NOT REQUIRED
FIRE ALARM SYSTEM	SECTION 907	NOT REQUIRED
OCCUPANT LOAD	TABLE 1004.1.1	4,185 SQ. FT./100 SQ. FT. PER PERSON = POPULATION: 42 MAXIMUM
EXIT ACCESS TRAVEL DISTANCE	TABLE 1016.1	USE GROUP "B" WITHOUT AUTOMATIC FIRE SPRINKLER SYSTEM = 200'
PLUMBING SYSTEMS	TABLE 2902.1	MEN: 1 WC PER 50 POPULATION WOMEN: 1 WC PER 80 POPULATION 1 SERVICE SINK  ACTUAL POPULATION: 21 MEN ACTUAL POPULATION: 21 WOMEN



# CIVIL SITE DEVELOPMENT PLANS

# GENOA BANK COMPANY FACILITY

DESIGN GUIDELINES:  
- CITY OF FREMONT ZONING RESOLUTION, LATEST ISSUANCE & AMENDMENT  
- CITY OF FREMONT - ENGINEERING DEPARTMENT STANDARDS & SPECIFICATIONS  
- OHIO ENVIRONMENTAL PROTECTION AGENCY STANDARDS & SPECIFICATIONS  
- STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION & MATERIAL SPECIFICATIONS DATED JANUARY 1, 2019

TOPOGRAPHIC SURVEY:  
TOPOGRAPHIC DATA AND CONTOUR INFORMATION (IF PLOTTED) ARE BASED ON A FIELD SURVEY CONDUCTED BY D.R. FREDERICK & ASSOCIATES NOVEMBER 2022. SURVEY INFORMATION PREPARED UNDER THE SUPERVISION OF DEAN R. FREDERICK, OHIO PROFESSIONAL SURVEYOR NO. S-8131.

BOUNDARY SURVEY:  
D.R. FREDERICK & ASSOCIATES COMPLETED A BOUNDARY SURVEY OF THE SUBJECT PROPERTY AS PART OF AN INSTRUMENT SURVEY. BOUNDARY INFORMATION SHOWN IS BASED ON:  
PARCEL DEED: GENOA BANKING COMPANY REC: BK 263 PG 1631 & BK 265 PG 645

FLOOD PLAIN DATA:  
- THE PARCEL IS CONTAINED WITHIN FLOOD ZONE X, AREA DETERMINED TO BE OUTSIDE AREA OF 0.2% ANNUAL CHANCE FLOOD HAZARD AREA.  
- PER COMMUNITY PANEL # 39143 C 0260 C - OF THE FEDERAL FLOOD INSURANCE RATE MAPS EFFECTIVE DATE APRIL 18, 2011.

SOIL DATA:  
BASED ON THE WEB SOIL SURVEY (HTTP:WEBSOILSURVEY.SC.EGOV.USDA.GOV)  
DOWNLOADED MAY 2022 THE SITE IS COMPOSED OF THE FOLLOWING:

KbA - KIBBIE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES  
(K FACTOR FOR WHOLE SOIL = 0.24, LOW RISK OF EROSION)  
Le - LENAWEE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES  
(K FACTOR FOR WHOLE SOIL = 0.32, LOW RISK OF EROSION)

A GEOTECHNICAL / SUBSURFACE EXPLORATION REPORT HAS NOT BEEN COMPLETED BY:  
<GEOTECH COMPANY> PROJ No. 000000 DATED: MONTH DAY, 2023  
THE CONTRACTOR SHALL REQUEST A COPY OF ANY SUCH REPORTS THAT MAY BE GENERATED SUBSEQUENT TO THIS PLAN PREPARATION PRIOR TO THE START OF CONSTRUCTION AND ABIDE BY ALL ADDITIONAL REQUIREMENTS CONTAINED WITHIN SUCH REPORTS, WHETHER SHOWN ON THESE PLANS OR NOT. ANY DISCREPANCIES BETWEEN SUCH REPORTS AND THESE PLANS SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO CONSTRUCTION.

ZONING INFORMATION:  
PURSUANT TO THE CITY OF FREMONT ZONING ORDINANCE, LATEST ISSUANCE & AMENDMENT

PARCEL ZONING: B-2 - GENERAL COMMERCIAL DISTRICT

MINIMUM LOT WIDTH: 60 FEET  
MINIMUM LOT COVERAGE: 25%

MAXIMUM BUILDING HEIGHT: 35 FEET (3 STORIES)

YARD SETBACKS:  
FRONT = 25 FEET  
SIDE = 20 FEET  
REAR = 20 FEET (MAIN BUILDING)  
REAR = 20 FEET (ACCESSORY STRUCTURE)  
PARKING = 10 FEET (LANDSCAPE BUFFER)

## UTILITY COMMENTARY

AS PART OF THE PROPOSED BUILDING & SITE IMPROVEMENTS:

SANITARY SEWER:  
PROPOSED 6" SANITARY SEWER SERVICE CONNECTED TO EXISTING 6" SANITARY SEWER SERVICE ALONG WEST STATE STREET FRONTAGE AS INDICATED ON SURVEY (PREVIOUS SANITARY SEWER SERVICE AS LOCATED BY DEMOLITION CONTRACTOR - NO WORK WITHIN R/W). CONTRACTOR TO VERIFY DEPTH & LOCATION PRIOR TO CONSTRUCTION OF BUILDING.

WATER:  
PROPOSED WATER SERVICE TO CONNECT TO EXISTING 16" WATER MAIN ON EAST R/W OF WILSON AVENUE. CONTRACTOR TO PROVIDE BORING UNDER WILSON AVENUE. CITY OF FREMONT TO PERFORM WATER SERVICE TAP. COORDINATE WITH CITY OF FREMONT WATER DISTRIBUTION.

ELECTRIC:  
COORDINATE ELECTRIC SERVICE AS PROPOSED BY MEP AS PART OF THE BUILDING & SITE IMPROVEMENTS.

GAS:  
COORDINATE GAS SERVICE AS PROPOSED BY MEP AS PART OF THE BUILDING & SITE IMPROVEMENTS.

REFER TO MEP PLANS FOR COORDINATION OF UTILITIES & SERVICE CONNECTIONS TO THE PROPOSED BUILDING.

## UTILITIES - CONTACT INFORMATION

CITY OF FREMONT ENGINEERING DEPARTMENT (SAN/STORM/WATER/ROAD) 323 SOUTH FRONT STREET FREMONT, OHIO 43420 (P) 419-334-8963	AT&T 130 NORTH ERIE STREET TOLEDO, OHIO 43604 (P) 419-245-7244	SANDUSKY COUNTY ENGINEER'S OFFICE 2500 WEST STATE STREET FREMONT, OHIO 43420 (P) 419-334-9731
COLUMBIA GAS OF OHIO 333 SOUTH ERIE STREET TOLEDO, OHIO 43602 (P) 419-252-8110	TOLEDO EDISON 6099 ANGOLA ROAD HOLLAND, OHIO 43528 (P) 419-249-5218	
BUCKEYE BROADBAND 2700 OREGON ROAD NORTHWOOD, OHIO 43619 (P) 419-724-3713	AEP 2622 SOUTH STATE ROUTE 100 TIFFIN, OHIO 44893 (P) 419-209-5563	
SBC ROOM 714 130 NORTH ERIE STREET TOLEDO, OHIO 43624 (P) 419-245-7304	TIME WARNER CABLE 29 E MAIN STREET NORWALK, OHIO 44857 (P) 888-558-3147	

## ROADWAY COMMENTARY

AS PART OF THE PROPOSED BUILDING & SITE IMPROVEMENTS:

WEST STATE STREET:  
NO WORK PROPOSED ON WEST STATE STREET AS PART OF THIS PROJECT. EXISTING CURB & SIDEWALK TO REMAIN. CONTRACTOR SHALL REPAIR / REPLACE SIDEWALK AS NEEDED IF DAMAGED BY CONSTRUCTION ACTIVITY.

WILSON AVENUE:  
PROPOSED IMPROVEMENT INCLUDING CURB AND PAVEMENT REPAIR AS INDICATED ON CIVIL ENGINEERING PLANS. CURB PLACEMENT TO ALLOW FOR MINIMUM 14' LANE FROM THE CENTERLINE STRIP TO THE FACE OF CURB. ASPHALT REPAIR AS REQUIRED FOR CURB PLACEMENT SHALL MATCH EXISTING ROADWAY PAVEMENT OR HEAVY-DUTY PAVEMENT SECTION (WHICH EVER IS GREATER).

## REFERENCE ODOT STANDARD CONSTRUCTION DRAWINGS

BP-1.1 ~ CONCRETE PAVEMENT REINFORCING  
BP-2.1 ~ LONGITUDINAL PAVEMENT JOINTS  
BP-2.2 ~ TRANSVERSE PAVEMENT JOINTS  
BP-5.1 ~ CONCRETE CURB & COMBINED CURB & GUTTER  
CB-1.1 ~ CATCH BASIN NO's 2-2A & B  
CB-1.2 ~ CATCH BASIN NO's 2-3 & 2-4  
DM-1.1 ~ OUTLETS, DRAINS AND SEWERS  
DM-4.2 ~ EROSION CONTROL MAT, TYPE A-1  
DM-4.3 ~ SEDIMENT AND EROSION CONTROLS  
DM-4.4 ~ CONSTRUCTION EROSION CONTROL  
HW-2.1 ~ HALF-HEIGHT HEADWALLS FOR PVC PIPE  
DM-4.4 ~ CONSTRUCTION EROSION CONTROL (GEOTEXTILE DITCH CHECK)  
MH-1.2 ~ MANHOLE NO. 3  
MGS-1.1 ~ GUARDRAIL DETAIL - W-BEAM  
MGS-2.1 ~ GUARDRAIL DETAILS - W-BEAM  
WQ-1.1 ~ WATER QUALITY BASINS

## LEGEND

	PROPERTY LINE		SANITARY MANHOLE
	RIGHT-OF-WAY LINE		UNDERGROUND ELECTRIC DROP
	LOT LINE		PULL BOX
	SETBACK LIMIT		POWER POLE
	EASEMENT		EXISTING LIGHT POLE
	CENTERLINE		PROPOSED LIGHT POLE
	EDGE OF ASPHALT		MAILBOX
	CURB		SIGN
	CONCRETE		PROPOSED SPOT GRADE
	EXISTING BUILDING		IRON PIPE FOUND
	SANITARY SEWER		IRON PIN FOUND
	STORM SEWER		PK NAIL FOUND
	WATER LINE		IRON PIN SET
	ELECTRIC LINE		PK NAIL SET
	GAS LINE		HUB SET
	TELEPHONE LINE		DRILL HOLE SET
	CABLE LINE		
	FENCE		
	EXISTING CONTOUR		
	PINE TREE		
	DECIDUOUS TREE		
	BUSH		
	STRAIN POLE W/ BASE		
	TRAFFIC PULL BOX		
	BOLLARD (VARIABLE SIZE)		
	TELEPHONE PEDESTAL		
	GAS METER		

Ohio Utilities Protection Service

Call 811  
before you dig

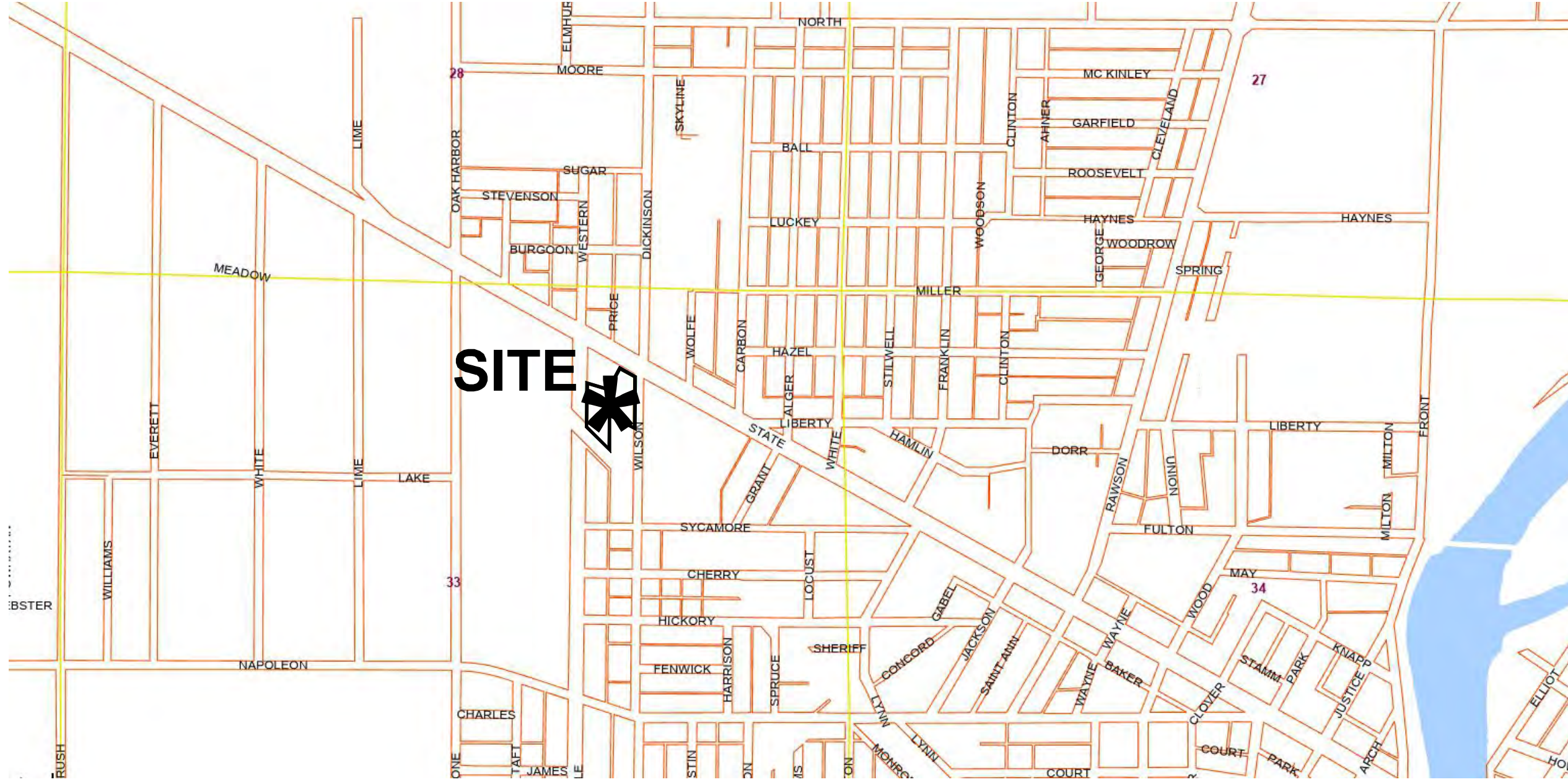
GENOA BANK COMPANY  
DEED: BK 263 PG 1631 & BK 265 PG 645

BEING A 2.4714 ACRE PARCEL

PART OF OUTLOT No. 303 IN THE CITY OF FREMONT  
(PLAT VOL 7 PAGE 46-47)

PART OF INLOT No 5105 & ALL OF INLOTS No 5106 THRU 5111 IN THE NICHOLS SUBDIVISION  
(PLAT VOL 8 PAGE 35)

SECTION 33, TOWN 5 NORTH, RANGE 15 EAST  
CITY OF FREMONT, SANDUSKY COUNTY,  
STATE OF OHIO



## LOCATION MAP

SCALE: 1" = 800'

## PARKING REQUIREMENTS

SEC 1145.05(D) ~ FOR FINANCIAL SERVICES THE FOLLOWING PARKING SPACES ARE REQUIRED:  
ONE SPACE FOR EVERY 400 SF

PROP BUILDING AREA = 3,974.5 SF  
REQ'D PARKING = 9.93 SPACES ~ 10 SPACES

SEC 1145.10(A) ~ FOR TELLER AND ATM SERVICES THE FOLLOWING STACKING SPACES ARE REQUIRED:  
ATM - TWO STACKING SPACES PER LANE  
TELLER - THREE STACKING SPACES PER TELLER

TOTAL STACKING REQ'D = 8 SPACES

EXISTING SPACES:  
NONE - EXISTING BUILDINGS DEMO'D JAN 2023

## DEVELOPMENT DATA

SITE AREA:  
- PARCEL OVERALL ~ 2.4714 ACRE  
- BANK DEVELOPMENT ~ 1.6850 ACRES

EXISTING BUILDING:  
NONE - BUILDINGS DEMO'D JAN 2023  
TOTAL BUILDING AREA = 000 SF

EXISTING PARKING:  
NONE - BUILDINGS DEMO'D JAN 2023  
TOTAL PARKING = 00 SPACES

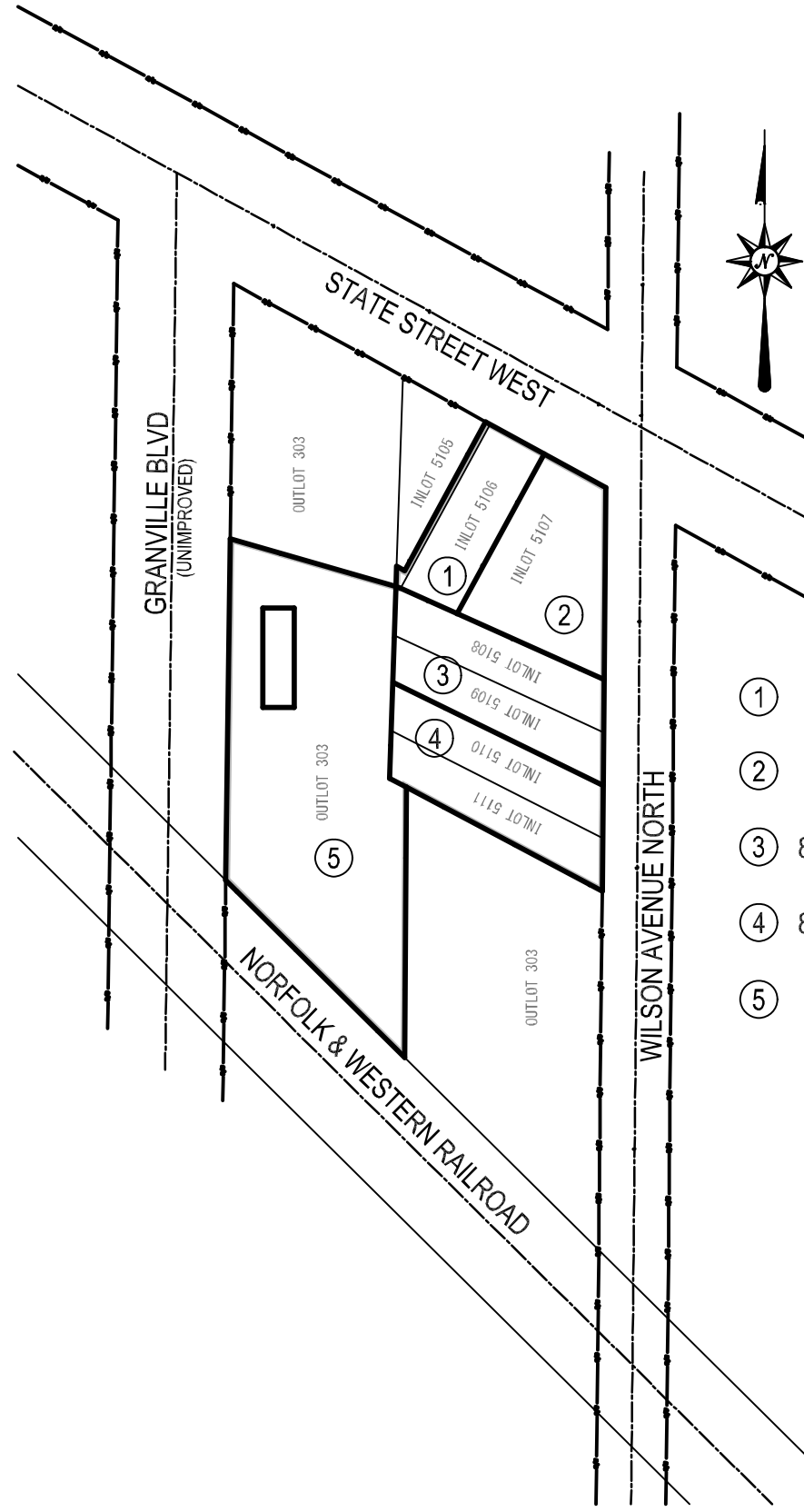
PROPOSED PARKING ALLOCATION:  
TYPICAL SPACE - 9' x 19'  
SUBJECT TO DIMENSIONAL SITE PLAN, STANDARD AND ADA SPACE ALLOCATION.

GENOA BANKING FACILITY - PROPOSED BUILDING  
STANDARD SPACES = 22 SPACES  
HANDICAP SPACES = 1 SPACES  
TOTAL PARKING = 23 SPACES

GENOA BANKING FACILITY - TELLER / ATM  
STACKING SPACES = 8 SPACES  
(INCL SPACE AT ATM OR TELLER WINDOW)

## SHEET INDEX

C-1 - TITLE SHEET  
C-2 - OVERALL PROPERTY PLAN  
C-3 - EXISTING CONDITIONS PLAN ~ DEVELOPMENT AREA  
C-4 - EXISTING CONDITIONS PLAN ~ DEVELOPMENT AREA  
C-5 - DEMOLITION PLAN  
C-6 - DIMENSIONAL SITE PLAN ~ DEVELOPMENT AREA  
C-7 - GRADING PLAN ~ DEVELOPMENT AREA  
C-8 - UTILITY PLAN ~ DEVELOPMENT AREA  
C-9 - STORM SEWER COMPUTATIONS ~ DEVELOPMENT AREA  
C-10 - STORM WATER POLLUTION PREVENTION PLAN - CURRENT DEVELOPMENT  
C-11 - STORM WATER POLLUTION PREVENTION PLAN NOTES  
C-12 - STORM WATER POLLUTION PREVENTION PLAN DETAILS  
C-13 - GENERAL NOTES & CONSTRUCTION DETAILS  
C-14 - GENERAL NOTES & CONSTRUCTION DETAILS



## PROPERTY LEGEND

SCALE: 1" = 150'±

- 1707 STATE STREET WEST PARCEL: 34-50-00-5106-00
- 1701 STATE STREET WEST PARCEL: 34-50-00-5107-00
- 804 WILSON AVENUE NORTH PARCEL: 34-50-00-5110-00
- 810 WILSON AVENUE NORTH PARCEL: 34-50-00-5108-00
- 000 GRANVILLE BLVD PARCEL: 34-60-00-0303-02

## OWNER/DEVELOPER:

GENOA BANKING COMPANY  
801 MAIN STREET  
P.O. BOX 98  
GENOA, OHIO 43430  
PHONE: 419-855-8381  
CONTACT: MARTY SUTTER, PRESIDENT



## ARCHITECT:

DUKET|ARCHITECTS|PLANNERS  
830 NORTH SUMMIT STREET  
TOLEDO, OHIO 43604  
PHONE: 419-255-4500  
CONTACT: MIKE DUKET, AIA



## ENGINEER:

D.R. FREDERICK & ASSOCIATES  
4645 NORTH SUMMIT STREET  
TOLEDO, OHIO 43611  
PHONE: 419-340-2650  
CONTACT: DEAN FREDERICK, PE, PS



DEAN R. FREDERICK  
PROFESSIONAL ENGINEER E-61807

00/00/2023

DATE

REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
OWNER REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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419.340.2650 fax 419.726.1995  
DFREDERICK@FREDERICKASSOC.COM

TITLE SHEET  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE: JAN 2023  
DRAWN BY: DRF  
JOB No.: 22-2328  
SCALE: N/A

SHEET  
C-1

TITLE SHEET



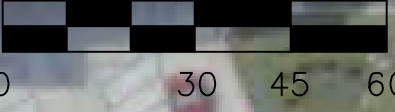
CIVIL SITE DEVELOPMENT PLANS  
FOR  
GENOA BANK FACILITY

1701 STATE STREET WEST PARCEL: 34-50-00-5107-00  
1707 STATE STREET WEST PARCEL: 34-50-00-5106-00  
804 WILSON AVENUE NORTH PARCEL: 34-50-00-5110-00  
810 WILSON AVENUE NORTH PARCEL: 34-50-00-5108-00  
000 GRANVILLE BLVD PARCEL: 34-60-00-0303-02  
BEING A 2.457 ACRE PARCEL  
PART OF THE INLOT 5105-5111 & OL LOT 303  
CITY OF FREMONT, SANDUSKY COUNTY, STATE OF OHIO

PROJECT WORK LIMITS

APPROX LIMITS OF SITE & BUILDING IMPROVEMENTS,  
SUBJECT TO CONTRACTORS OPERATIONS AND  
COORDINATION WITH OWNER & PROJECT MANAGER.

GRAPHIC SCALE



POC

GRANDVILLE BLVD  
(100' Right-of-Way)  
(Un-Improved Roadway)

COMBINED PARCEL  
GENOA BANKING COMPANY  
2.4714 ACRES  
(107,656.64 SF)

OUTLOT 303

MARATHON FINANCE COMPANY  
PART OF OUTLOT 303  
0.66 ACRES (AUDITOR)  
ADDRESS: 1701 WEST STATE STREET  
PARCEL: 34-60-00-0303-00

EMRO MARKETING COMPANY  
PART OF INLOT 5105  
0.892 ACRES (AUDITOR)  
ADDRESS: 1701 WEST STATE STREET  
PARCEL: 34-50-00-5105-00

REFIL, MICHAEL  
PART OF OUTLOT 303  
1.23 ACRES (AUDITOR)  
ADDRESS: 794 NORTH WILSON AVENUE  
PARCEL: 34-60-00-0303-01

TMICK PROPERTIES, LLC  
OUTLOT 303  
10.157 ACRES (AUDITOR)  
ADDRESS: 1501 WEST STATE STREET  
PARCEL: 34-50-00-0302-00

Ohio Utilities Protection Service

Call 811  
before you dig

REVISIONS	DATE
PRELIM SITE J	11/15/22
INITIAL SUBMITTAL	1/25/23
OWNER REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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DFREDERICK@FREDERICKASSOC.COM

OVERALL PROPERTY PLAN  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE: JAN 2023  
DRAWN BY: DRF  
JOB No.: 22-2328  
SCALE: 1"= 30'

SHEET  
C-2

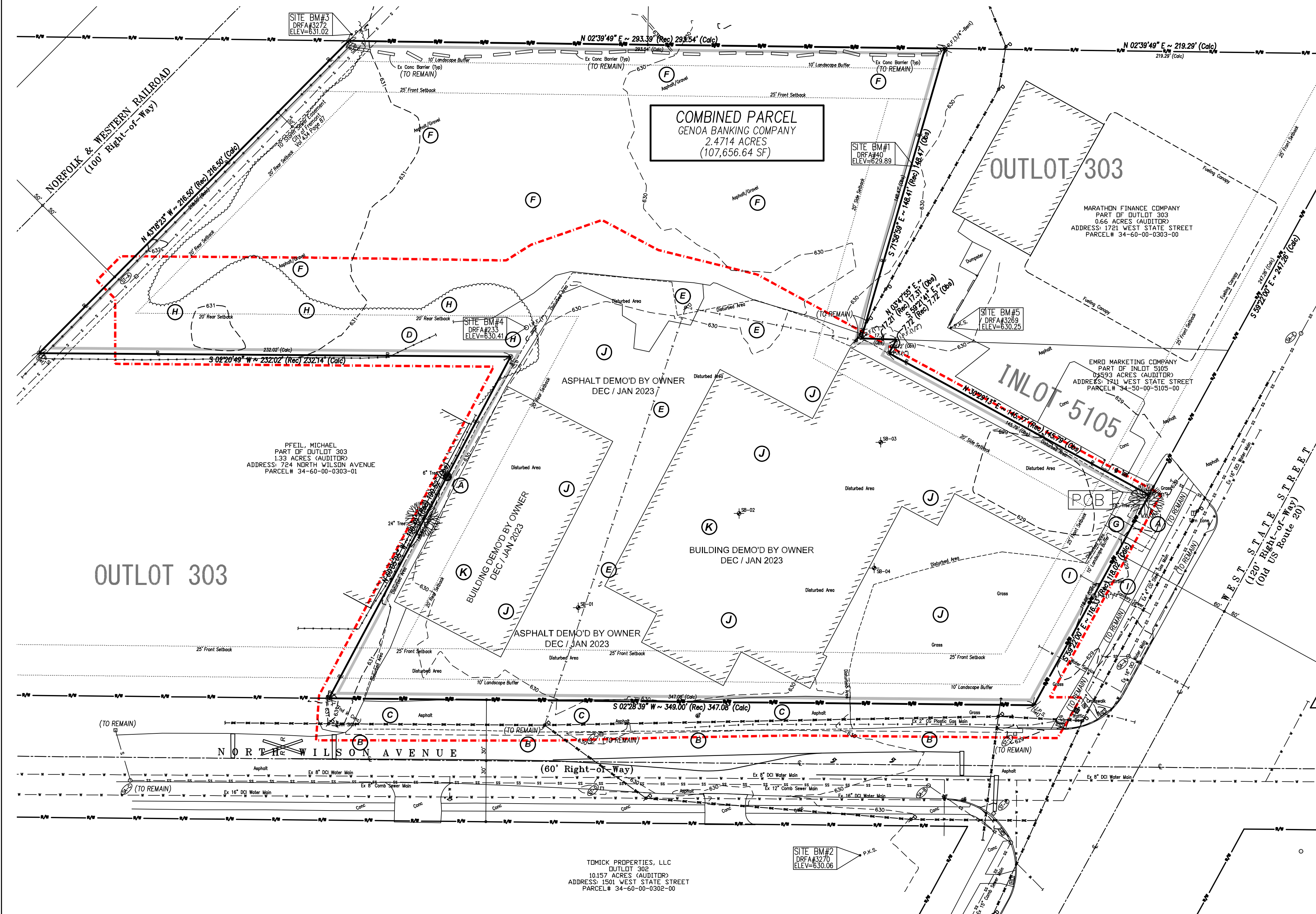












PROJECT WORK LIMITS

APPROX LIMITS OF SITE & BUILDING IMPROVEMENTS. SUBJECT TO CONTRACTORS OPERATIONS AND COORDINATION WITH OWNER & PROJECT MANAGER.

UNDERGROUND UTILITY LOCATION:

CONTRACTOR IS REQUIRED TO ENGAGE GPRS SERVICES TO SCAN AREAS OF WORK PRIOR TO ANY EXCAVATION.

DEMOLITION NOTES:

- 1) ALL REMOVALS NECESSARY TO ACCOMPLISH THE NEW WORK ARE TO BE CONSIDERED PART OF THE CONTRACT & INCLUDED IN ITS BIDDING, WHETHER SPECIFIED, SHOWN ON DRAWING OR NOT. A CAREFUL INSPECTION OF THE PREMISES PRIOR TO BIDDING SHALL BE MADE BY EACH BIDDER.
- 2) ALL EXCESS MATERIALS AND MATERIALS LABELED "TO BE REMOVED" OR "TBR" SHALL BE TRANSPORTED OFF-SITE AND DISPOSED OF IN A LEGAL MANNER BY THE CONTRACTOR. ALL COST ASSOCIATED WITH THE EXCAVATION, LOADING, HAULING AND DISPOSING OF THE MATERIAL SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- 3) ALL EXISTING FEATURES DESIGNATED TO REMAIN THAT ARE DISTURBED DUE TO CONSTRUCTION AND / OR CONTRACTOR'S OPERATION, SUCH AS MAILBOXES, SHRUBS, BUSHES, GUARDRAIL, SIGNS, LIGHTS, DRIVEWAYS, SWALES, SEWERS, CATCH BASINS, BERMS, SEEDING AREAS, ETC., SHALL BE REPLACED IN KIND TO THEIR ORIGINAL CONDITION / GRADE IN ACCORDANCE WITH APPLICABLE ODOT, SANDUSKY COUNTY AND / OR CITY OF FREMONT SPECIFICATIONS. FURTHER, REPAIR / REPLACEMENT SHALL BE MADE TO THE SATISFACTION OF THE OWNER, CITY, COUNTY AND STATE. REPAIR / REPLACEMENT OF THESE ITEMS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, TYPE AND MATERIAL, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. ANY CONFLICTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR DISCUSSION PRIOR TO CONSTRUCTION.
- 5) THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 72 HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
- 6) CONTRACTOR SHALL CONDUCT A THOROUGH SITE INSPECTION PRIOR TO BIDDING TO VERIFY LIMITS OF PROJECT & DEMOLITION. COORDINATE BID ITEMS WITH THE DEVELOPER AND ENGINEER.
- 7) THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES FOUND DURING HIS INVESTIGATION OF THE EXISTING SITE CONDITIONS.
- 8) THE CONTRACTOR SHALL FOLLOW ALL STATE, CITY, COUNTY, AND ANY OTHER LOCAL SAFETY REQUIREMENTS DURING DEMOLITION AND CONSTRUCTION OF THIS PROJECT.
- 9) PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL COORDINATE WITH CITY OF FREMONT AND SANDUSKY COUNTY REGARDING TRUCK HAUL ROUTES, ROADWAY REPAIRS (IF REQ'D) SIDEWALK CLOSURES (IF REQ'D) AND ALL NECESSARY SIGNAGE FOR CLOSURES AND DETOUR ROUTES.
- 10) D.R. FREDERICK & ASSOCIATES WAS NOT PROVIDED WITH AN ENVIRONMENTAL REPORT FOR THE SUBJECT PROPERTY. PRIOR TO THE DEVELOPMENT OF THESE PLANS, THE EXISTING BUILDINGS & SITE FEATURES WERE DEMO'D BY OTHERS. CONTRACTOR TO NOTIFY OWNER & PROJECT MANAGER IF POTENTIALLY CONTAMINATED SOILS ARE ENCOUNTERED.
- 11) SEE ARCHITECTURAL & MECHANICAL PLANS BY OTHERS FOR ANY/ALL BUILDING DEMOLITION DETAILS.
- 12) CONTRACTOR SHALL COORDINATE WITH THE OWNER REGARDING ANY THE STOCKPILE LOCATIONS FOR ANY DESIGNATED SALVAGE ITEMS, SOIL MATERIAL AND SITE FEATURES WHICH MAY OR MAY NOT BE LISTED ON THIS SHEET.

DEMOLITION DATA:

- 2 EA - TREE REMOVAL INCLUDING STUMP. COORDINATE WITH LANDSCAPE PLAN FOR ANY ADDITIONAL REMOVALS.
- 336 LF - SAWCUT EXISTING PAVEMENT IN PREPARATION FOR PROP DRIVE & CURB INSTALLATION.
- 4,056 SF - EXISTING ASPHALT REMOVAL ALONG WILSON AVENUE INCLUDING AGGREGATE BASE AS REQUIRED TO PREPARE AREA LAWN, PROPOSED DRIVE ENTRANCE AND CURB PLACEMENT FOR THE SITE IMPROVEMENTS.
- 23± LF - REMOVAL OF EXISTING CHAINLINK FENCE INCLUDING POSTS AND GATE.
- 1 EA - POWER POLE OVERHEAD CABLE REMOVAL. COORDINATE WITH UTILITY COMPANY MEP. NOTE: POLE MAY HAVE BEEN REMOVED DURING BUILDING DEMOLITION.
- 41,326± SF - REMOVAL OF EXISTING ASPHALT / GRAVEL / MILLINGS & RESTORATION WITH GRAVEL BEYOND LIMITS OF PROP BANK SITE IMPROVEMENTS. GRAVEL & AREA TO REMAIN VACANT. CONTRACTOR TO PROVIDE PERMANENT STABILIZATION FOR THE RESTORATION AREA. COORDINATE WITH OWNER & ENGINEER. NOTE: ANTICIPATE GRADING EXISTING AGGREGATE BASE MATERIAL FOR SURFACE RESTORATION.
- 158 SF - FULL DEPTH CONCRETE REMOVAL OF EXISTING SIDEWALK & RESTORATION WITH SOIL FOR LAWN AREA. NOTE: SIDEWALK MAY HAVE BEEN REMOVED DURING BUILDING DEMOLITION.
- 5,712± SF - EXISTING CLEARING & GRUBBING AREA FOR ISITE IMPROVEMENTS INCLUDING DETENTION BASIN, DUMPSTER & STORM SEWER. REMOVALS SHALL INCLUDE STUMPS, MISC ASPHALT & DEBRIS.
- 1 EA - VERIFY INVERT & LOCATION OF THE SANITARY SEWER SERVICE LOCATION AS COMPLETED BY DEMOLITION CONTRACTOR. PROVIDE INVERT ELEVATION & LOCATION TO ENGINEER & ARCH FOR COORDINATION OF SANITARY SERVICE.
- GENERAL - WITHIN THE LIMITS OF THE PROPOSED BUILDING AND SITE IMPROVEMENTS, CONTRACTOR SHALL REMOVE THE EXCESS DEBRIS AND EXISTING GRAVEL, SOIL MATERIALS AND DEBRIS AS NEEDED IN ORDER TO PREPARE THE SUBGRADE FOR THE PROPOSED IMPROVEMENTS. COORDINATE WITH PROJECT MANAGER & GEOTECH AS TO COMPACTION AND PREPARATION OF THE SUBGRADE PRIOR TO FILLING OPERATIONS & CONSTRUCTION OF THE IMPROVEMENTS. AT THE DIRECTION / APPROVAL OF THE GEOTECH.
- LIMITS OF THE EXISTING BUILDINGS (DEMO'D DEC 2022 / JAN 2023) INDICATED FOR REFERENCE FOR CONTRACTOR PREPARING THE SITE IMPROVEMENTS FOR THE GENOA BANK FACILITY.

SUMMARY OF AREAS:

TOTAL PARCEL AREA:  
2.4714 ACRES  
107,656.64 SF

DEVELOPMENT AREA (GENOA BANK FACILITY)  
1.6850 ACRES  
73,400.5 SF  
(INCLUDES WILSON AVE FRONTAGE FOR CURB, WALK & PAVEMENT AND DETENTION / DUMPSTER AREA)

FUTURE DEVELOPMENT AREA (REAR)  
0.8795± ACRES  
38,312.1± SF

SUMMARY OF IMPERVIOUS AREAS TO BE REMOVED:

41,326 SF - ASPHALT/MILLINGS/GRAVEL (REAR FUTURE DEVELOPMENT AREA)  
7,059 SF - BUILDING (SOUTH)  
20,388 SF - BUILDING (NORTH)  
4,056 SF - ASPHALT (WILSON AVE R/W)  
17,110 SF - ASPHALT/CONC (SITE DEVELOPMENT AREA)  
158 SF - CONCRETE (NORTH SIDEWALK AREA)  
5,712 SF - ASPHALT/MILLINGS WITHIN TREE AREA (DETENTION BASIN & DUMPSTER)  
95,809 SF - TOTAL IMPERVIOUS AREA REMOVED

SUMMARY OF EXISTING PERVIOUS AREAS:

11,848 SF - GRASS / PERIMETER GREENSPACE  
11,848 SF - TOTAL PERVIOUS AREA REMOVED

DEMOLITION CONTRACTOR:

AS REFERENCED, THE DEMOLITION OF THE EXISTING BUILDINGS, ASPHALT & CONCRETE WITHIN THE 'DISTURBED AREA' DENOTED ON THE SURVEY WAS PERFORMED DECEMBER 2022 / JANUARY 2023 VIA COORDINATION WITH GENOA BANK..

CONTRACTOR:  
MIKE'S HAULING & DEMOLITION  
2151 EAST BROADWAY STREET  
NORTHWOOD, OHIO 43619  
ATTN: MIKE BARTLETT  
(P) 419-266-3349  
EMAIL: STAFF@MIKESHAULINGDEMOLITION.COM

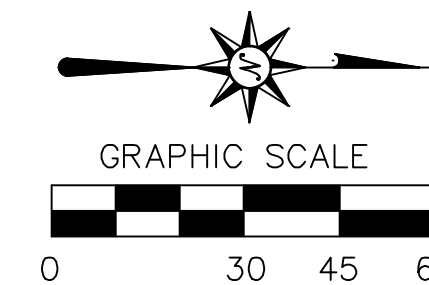
HILLABRAND AND SONS  
5811 WOODVILLE ROAD  
NORTHWOOD, OHIO 43619  
ATTN: GREG HILLABRAND  
(P) 419-972-6061  
EMAIL: GHILL@HILLABRANDANDSONS.COM

LEGEND

- PROPERTY LINE
- R/W
- RIGHT-OF-WAY LINE
- LOT LINE
- SETRACK LIMIT
- EASEMENT
- CENTERLINE
- EDGE OF ASPHALT
- CURB
- CONCRETE
- EXISTING BUILDING
- SS
- SS
- SANITARY SEWER
- SS
- SS
- STORM SEWER
- W
- W
- WATER LINE
- E
- E
- ELECTRIC LINE
- G
- G
- GAS LINE
- T
- T
- TELEPHONE LINE
- FENCE
- 975
- CONTOUR
- SANITARY MANHOLE
- STORM MANHOLE
- CATCH BASIN
- WATER VALVE
- FIRE HYDRANT
- WATER METER
- FIRE CONNECTION
- SPRINKLER
- IRRIGATION CONTROL VALVE
- PINE TREE
- DECIDUOUS TREE
- BUSH
- STRAIN POLE W/ BASE
- TRAFFIC PULL BOX
- BOLLARD (VARIABLE SIZE)
- TELEPHONE PEDESTAL
- GAS METER
- ELECTRIC METER
- MALBOX
- PULL BOX
- POWER POLE
- LIGHT POLE
- SPOT ELEVATION
- MAILBOX
- MONUMENT SIGN
- HIGHWAY SIGN
- IRON PIPE FOUND
- RAILROAD SPIKE FOUND
- IRON PIN FOUND
- PK NAIL FOUND
- IRON PIN SET
- PK NAIL SET
- HUB SET
- DRILL HOLE SET
- PIPE
- RRSF
- IF
- PKF
- IPS
- PKS
- HUBST
- DHS

PROJECT WORK LIMITS

APPROX LIMITS OF SITE & BUILDING IMPROVEMENTS. SUBJECT TO CONTRACTORS OPERATIONS AND COORDINATION WITH OWNER & PROJECT MANAGER.



REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
OWNER REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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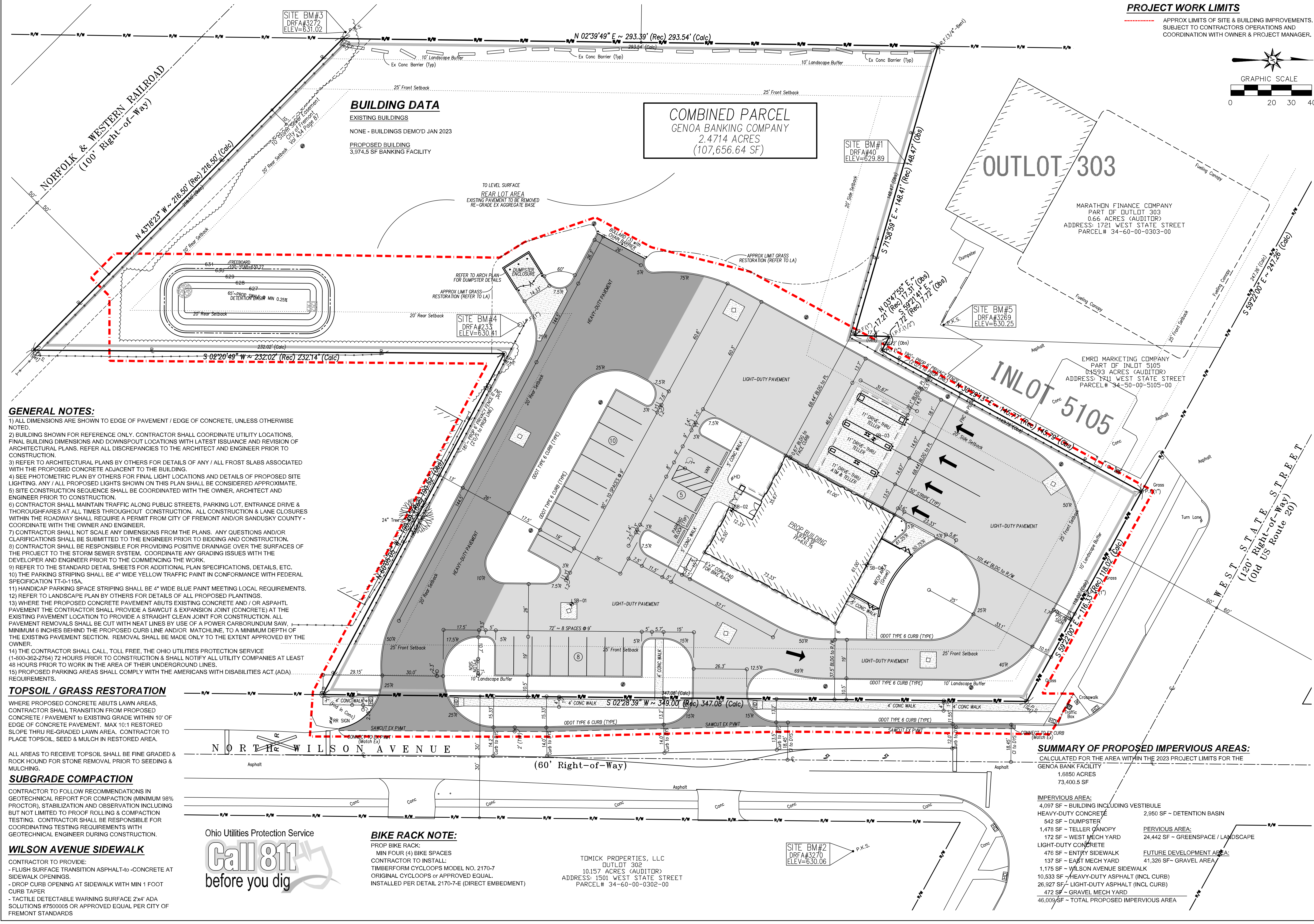
FREDERICK & ASSOCIATES  
ENGINEERS - SURVEYORS - PLANNERS  
4645 N. SUMMIT STREET TOLEDO, OHIO 43611  
419.340.2650 fax 419.726.1995  
DFREDERICK@FREDERICKASSOC.COM

DEMOLITION PLAN  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE:	JAN 2023
DRAWN BY:	DRF
JOB No.:	22-2328
SCALE:	1"= 30'
SHEET	C-5

Ohio Utilities Protection Service  
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**PROJECT WORK LIMITS**

APPROX LIMITS OF SITE & BUILDING IMPROVEMENTS. SUBJECT TO CONTRACTORS OPERATIONS AND COORDINATION WITH OWNER & PROJECT MANAGER.

GRAPHIC SCALE  
0 20 30 40

- GENERAL NOTES:**
- 1) ALL DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT / EDGE OF CONCRETE, UNLESS OTHERWISE NOTED.
  - 2) BUILDING SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE UTILITY LOCATIONS, FINAL BUILDING DIMENSIONS AND DOWNSPOUT LOCATIONS WITH LATEST ISSUANCE AND REVISION OF ARCHITECTURAL PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER PRIOR TO CONSTRUCTION.
  - 3) REFER TO ARCHITECTURAL PLANS BY OTHERS FOR DETAILS OF ANY / ALL FROST SLABS ASSOCIATED WITH THE PROPOSED CONCRETE ADJACENT TO THE BUILDING.
  - 4) SEE PHOTOMETRIC PLAN BY OTHERS FOR FINAL LIGHT LOCATIONS AND DETAILS OF PROPOSED SITE LIGHTING. ANY / ALL PROPOSED LIGHTS SHOWN ON THIS PLAN SHALL BE CONSIDERED APPROXIMATE.
  - 5) SITE CONSTRUCTION SEQUENCE SHALL BE COORDINATED WITH THE OWNER, ARCHITECT AND ENGINEER PRIOR TO CONSTRUCTION.
  - 6) CONTRACTOR SHALL MAINTAIN TRAFFIC ALONG PUBLIC STREETS, PARKING LOT, ENTRANCE DRIVE & THOROUGHFARES AT ALL TIMES THROUGHOUT CONSTRUCTION. ALL CONSTRUCTION & LANE CLOSURES WITHIN THE ROADWAY SHALL REQUIRE A PERMIT FROM CITY OF FREMONT AND/OR SANDUSKY COUNTY - COORDINATE WITH THE OWNER AND ENGINEER.
  - 7) CONTRACTOR SHALL NOT SCALE ANY DIMENSIONS FROM THE PLANS. ANY QUESTIONS AND/OR CLARIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO BIDDING AND CONSTRUCTION.
  - 8) CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE OVER THE SURFACES OF THE PROJECT TO THE STORM SEWER SYSTEM. COORDINATE ANY GRADING ISSUES WITH THE DEVELOPER AND ENGINEER PRIOR TO THE COMMENCING THE WORK.
  - 9) REFER TO THE STANDARD DETAIL SHEETS FOR ADDITIONAL PLAN SPECIFICATIONS, DETAILS, ETC.
  - 10) THE PARKING STRIPING SHALL BE 4" WIDE YELLOW TRAFFIC PAINT IN CONFORMANCE WITH FEDERAL SPECIFICATION TT-0-115A.
  - 11) HANDICAP PARKING SPACE STRIPING SHALL BE 4" WIDE BLUE PAINT MEETING LOCAL REQUIREMENTS.
  - 12) REFER TO LANDSCAPE PLAN BY OTHERS FOR DETAILS OF ALL PROPOSED PLANTINGS.
  - 13) WHERE THE PROPOSED CONCRETE PAVEMENT ABUTS EXISTING CONCRETE AND / OR ASPHALT PAVEMENT THE CONTRACTOR SHALL PROVIDE A SAWCUT & EXPANSION JOINT (CONCRETE) AT THE EXISTING PAVEMENT LOCATION TO PROVIDE A STRAIGHT CLEAN JOINT FOR CONSTRUCTION. ALL PAVEMENT REMOVALS SHALL BE CUT WITH NEAT LINES BY USE OF A POWER CARBORUNDUM SAW, MINIMUM 6 INCHES BEHIND THE PROPOSED CURB LINE AND/OR MATCHLINE, TO A MINIMUM DEPTH OF THE EXISTING PAVEMENT SECTION. REMOVAL SHALL BE MADE ONLY TO THE EXTENT APPROVED BY THE OWNER.
  - 14) THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 72 HOURS PRIOR TO CONSTRUCTION & SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO WORK IN THE AREA OF THEIR UNDERGROUND LINES.
  - 15) PROPOSED PARKING AREAS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS.

**TOPSOIL / GRASS RESTORATION**

WHERE PROPOSED CONCRETE ABUTS LAWN AREAS, CONTRACTOR SHALL TRANSITION FROM PROPOSED CONCRETE / PAVEMENT TO EXISTING GRADE WITHIN 10' OF EDGE OF CONCRETE PAVEMENT. MAX 10:1 RESTORED SLOPE THRU RE-GRADED LAWN AREA. CONTRACTOR TO PLACE TOPSOIL, SEED & MULCH IN RESTORED AREA.

ALL AREAS TO RECEIVE TOPSOIL SHALL BE FINE GRADED & ROCK HOUND FOR STONE REMOVAL PRIOR TO SEEDING & MULCHING.

**SUBGRADE COMPACTION**

CONTRACTOR TO FOLLOW RECOMMENDATIONS IN GEOTECHNICAL REPORT FOR COMPACTION (MINIMUM 98% PROCTOR), STABILIZATION AND OBSERVATION INCLUDING BUT NOT LIMITED TO PROOF ROLLING & COMPACTION TESTING. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TESTING REQUIREMENTS WITH GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

**WILSON AVENUE SIDEWALK**

- CONTRACTOR TO PROVIDE:
- FLUSH SURFACE TRANSITION ASPHALT-to-CONCRETE AT SIDEWALK OPENINGS.
  - DROP CURB OPENING AT SIDEWALK WITH MIN 1 FOOT CURB TAPER
  - TACTILE DETECTABLE WARNING SURFACE 2'x4' ADA SOLUTIONS #7500005 OR APPROVED EQUAL PER CITY OF FREMONT STANDARDS

Ohio Utilities Protection Service  
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**BIKE RACK NOTE:**

PROP BIKE RACK:  
MIN FOUR (4) BIKE SPACES  
CONTRACTOR TO INSTALL:  
TIMBERFORM CYCLOOPS MODEL NO. 2170-7  
ORIGINAL CYCLOOPS or APPROVED EQUAL.  
INSTALLED PER DETAIL 2170-7-E (DIRECT EMBEDMENT)

TOMICK PROPERTIES, LLC  
OUTLOT 302  
10.157 ACRES (AUDITOR)  
ADDRESS: 1501 WEST STATE STREET  
PARCEL# 34-60-00-0302-00

SITE BM#2  
DRFA#3270  
ELEV=630.06

**SUMMARY OF PROPOSED IMPERVIOUS AREAS:**

CALCULATED FOR THE AREA WITHIN THE 2023 PROJECT LIMITS FOR THE GENOA BANK FACILITY

1.6850 ACRES  
73,400.5 SF

<b>IMPERVIOUS AREA:</b>	
4,097 SF ~ BUILDING INCLUDING VESTIBULE	
HEAVY-DUTY CONCRETE	2,950 SF ~ DETENTION BASIN
542 SF ~ DUMPSTER	
1,478 SF ~ TELLER CANOPY	
172 SF ~ WEST MECH YARD	
LIGHT-DUTY CONCRETE	
476 SF ~ ENTRY SIDEWALK	
137 SF ~ EAST MECH YARD	
1,175 SF ~ WILSON AVENUE SIDEWALK	
10,533 SF ~ HEAVY-DUTY ASPHALT (INCL CURB)	
26,927 SF ~ LIGHT-DUTY ASPHALT (INCL CURB)	
472 SF ~ GRAVEL MECH YARD	
46,009 SF ~ TOTAL PROPOSED IMPERVIOUS AREA	

<b>PERVIOUS AREA:</b>	
24,442 SF ~ GREENSPACE / LANDSCAPE	

<b>FUTURE DEVELOPMENT AREA:</b>	
41,326 SF ~ GRAVEL AREA	

REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
OWNER REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

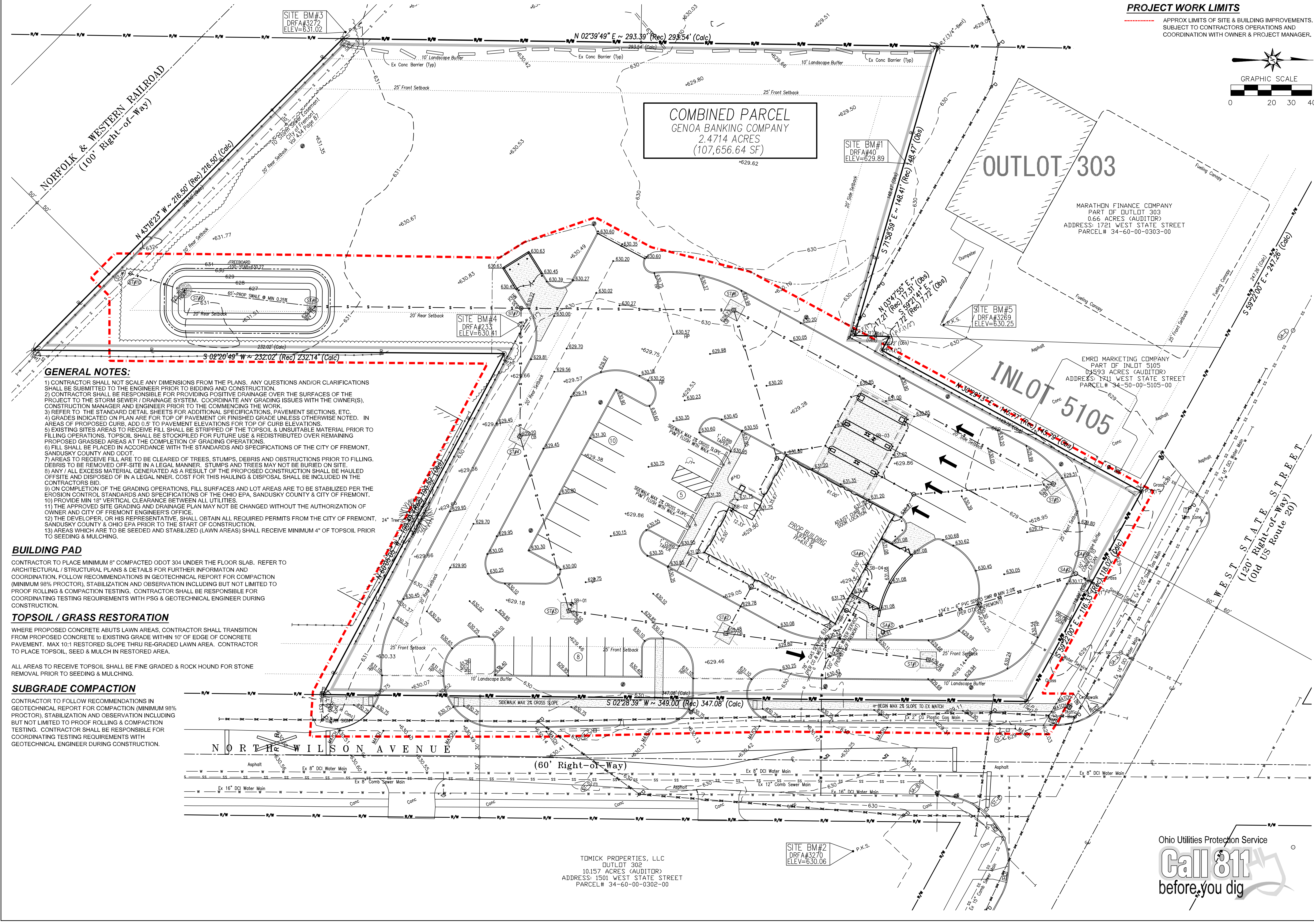
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**FREDERICK & ASSOCIATES**  
ENGINEERS - SURVEYORS - PLANNERS  
4645 N. SUMMIT STREET  
TOLEDO, OHIO 43611  
419.340.2650  
DFREDERICK@FREDERICKASSOC.COM

**DIMENSIONAL SITE PLAN**  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE:	JAN 2023
DRAWN BY:	DRF
JOB No.:	22-2328
SCALE:	1"= 20'
SHEET	
C-6	





**GENERAL NOTES:**

- 1) CONTRACTOR SHALL NOT SCALE ANY DIMENSIONS FROM THE PLANS. ANY QUESTIONS AND/OR CLARIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO BIDDING AND CONSTRUCTION.
- 2) CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE OVER THE SURFACES OF THE PROJECT TO THE STORM SEWER / DRAINAGE SYSTEM. COORDINATE ANY GRADING ISSUES WITH THE OWNER(S), CONSTRUCTION MANAGER AND ENGINEER PRIOR TO THE COMMENCING THE WORK.
- 3) REFER TO THE STANDARD DETAIL SHEETS FOR ADDITIONAL SPECIFICATIONS, PAVEMENT SECTIONS, ETC.
- 4) GRADES INDICATED ON PLAN ARE FOR TOP OF PAVEMENT OR FINISHED GRADE UNLESS OTHERWISE NOTED. IN AREAS OF PROPOSED CURB, ADD 0.5' TO PAVEMENT ELEVATIONS FOR TOP OF CURB ELEVATIONS.
- 5) EXISTING SITES AREAS TO RECEIVE FILL SHALL BE STRIPPED OF THE TOPSOIL & UNSUITABLE MATERIAL PRIOR TO FILLING OPERATIONS. TOPSOIL SHALL BE STOCKPILED FOR FUTURE USE & REDISTRIBUTED OVER REMAINING PROPOSED GRASSED AREAS AT THE COMPLETION OF GRADING OPERATIONS.
- 6) FILL SHALL BE PLACED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF FREMONT, SANDUSKY COUNTY AND ODOT.
- 7) AREAS TO RECEIVE FILL ARE TO BE CLEARED OF TREES, STUMPS, DEBRIS AND OBSTRUCTIONS PRIOR TO FILLING. DEBRIS TO BE REMOVED OFF-SITE IN A LEGAL MANNER. STUMPS AND TREES MAY NOT BE BURIED ON SITE.
- 8) ANY / ALL EXCESS MATERIAL GENERATED AS A RESULT OF THE PROPOSED CONSTRUCTION SHALL BE HAULED OFF-SITE AND DISPOSED OF IN A LEGAL MANNER. COST FOR THIS HAULING & DISPOSAL SHALL BE INCLUDED IN THE CONTRACTORS BID.
- 9) ON COMPLETION OF THE GRADING OPERATIONS, FILL SURFACES AND LOT AREAS ARE TO BE STABILIZED PER THE EROSION CONTROL STANDARDS AND SPECIFICATIONS OF THE OHIO EPA, SANDUSKY COUNTY & CITY OF FREMONT.
- 10) PROVIDE MIN 18" VERTICAL CLEARANCE BETWEEN ALL UTILITIES.
- 11) THE APPROVED SITE GRADING AND DRAINAGE PLAN MAY NOT BE CHANGED WITHOUT THE AUTHORIZATION OF OWNER AND CITY OF FREMONT ENGINEER'S OFFICE.
- 12) THE DEVELOPER, OR HIS REPRESENTATIVE, SHALL OBTAIN ALL REQUIRED PERMITS FROM THE CITY OF FREMONT, SANDUSKY COUNTY & OHIO EPA PRIOR TO THE START OF CONSTRUCTION.
- 13) AREAS WHICH ARE TO BE SEEDED AND STABILIZED (LAWN AREAS) SHALL RECEIVE MINIMUM 4" OF TOPSOIL PRIOR TO SEEDING & MULCHING.

**BUILDING PAD**

CONTRACTOR TO PLACE MINIMUM 8" COMPACTED ODOT 304 UNDER THE FLOOR SLAB. REFER TO ARCHITECTURAL / STRUCTURAL PLANS & DETAILS FOR FURTHER INFORMATION AND COORDINATION. FOLLOW RECOMMENDATIONS IN GEOTECHNICAL REPORT FOR COMPACTION (MINIMUM 98% PROCTOR), STABILIZATION AND OBSERVATION INCLUDING BUT NOT LIMITED TO PROOF ROLLING & COMPACTION TESTING. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TESTING REQUIREMENTS WITH PSG & GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

**TOPSOIL / GRASS RESTORATION**

WHERE PROPOSED CONCRETE ABUTS LAWN AREAS, CONTRACTOR SHALL TRANSITION FROM PROPOSED CONCRETE TO EXISTING GRADE WITHIN 10' OF EDGE OF CONCRETE PAVEMENT. MAX 10:1 RESTORED SLOPE THRU RE-GRADED LAWN AREA. CONTRACTOR TO PLACE TOPSOIL, SEED & MULCH IN RESTORED AREA.

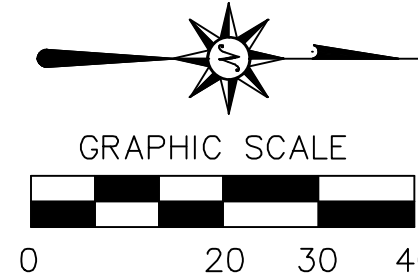
ALL AREAS TO RECEIVE TOPSOIL SHALL BE FINE GRADED & ROCK HOUND FOR STONE REMOVAL PRIOR TO SEEDING & MULCHING.

**SUBGRADE COMPACTION**

CONTRACTOR TO FOLLOW RECOMMENDATIONS IN GEOTECHNICAL REPORT FOR COMPACTION (MINIMUM 98% PROCTOR), STABILIZATION AND OBSERVATION INCLUDING BUT NOT LIMITED TO PROOF ROLLING & COMPACTION TESTING. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TESTING REQUIREMENTS WITH GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

**PROJECT WORK LIMITS**

APPROX LIMITS OF SITE & BUILDING IMPROVEMENTS. SUBJECT TO CONTRACTORS OPERATIONS AND COORDINATION WITH OWNER & PROJECT MANAGER.



REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
OWNER REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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**FREDERICK & ASSOCIATES**  
ENGINEERS - SURVEYORS - PLANNERS  
4645 N. SUMMIT STREET TOLEDO, OHIO 43611  
419.340.2650 fax 419.726.1995  
DFREDERICK@FREDERICKASSOC.COM

**GRADING PLAN**  
**GENOA BANK COMPANY**  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE: JAN 23 2023  
DRAWN BY: DRF  
JOB No.: 22-2328  
SCALE: 1"= 20'

SHEET  
**C-7**

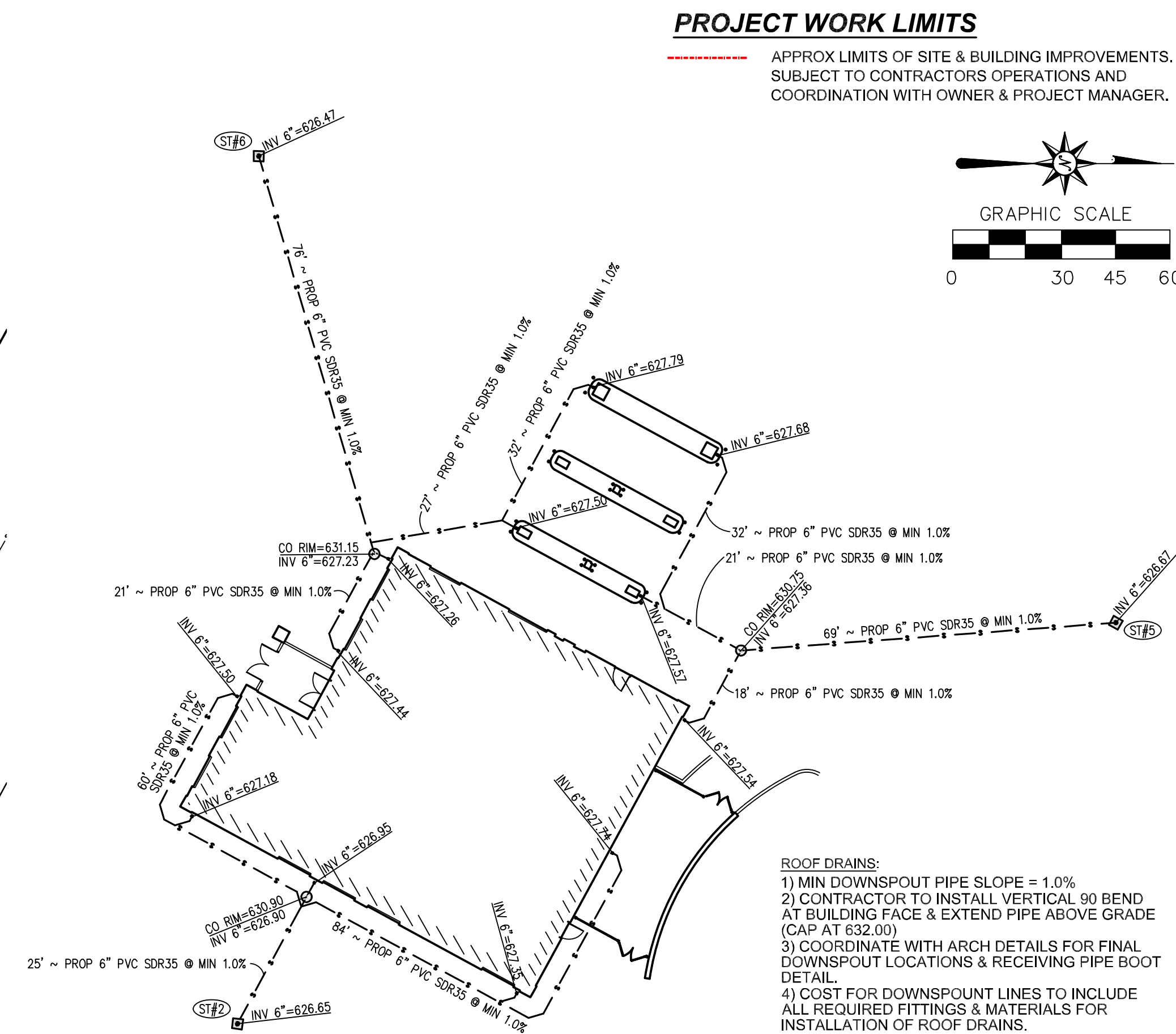
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**Call 811**  
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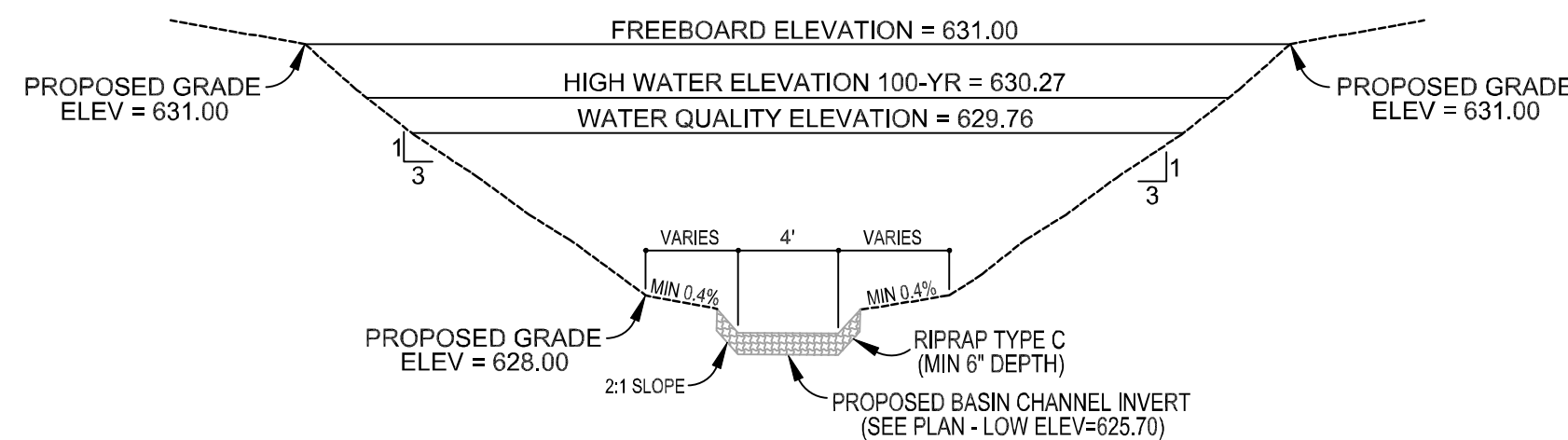
TOMICK PROPERTIES, LLC  
OUTLOT 303  
10.157 ACRES (AUDITOR)  
ADDRESS: 1501 WEST STATE STREET  
PARCEL# 34-60-00-0302-00

SITE BM#2  
DRFA#3270  
ELEV=630.06

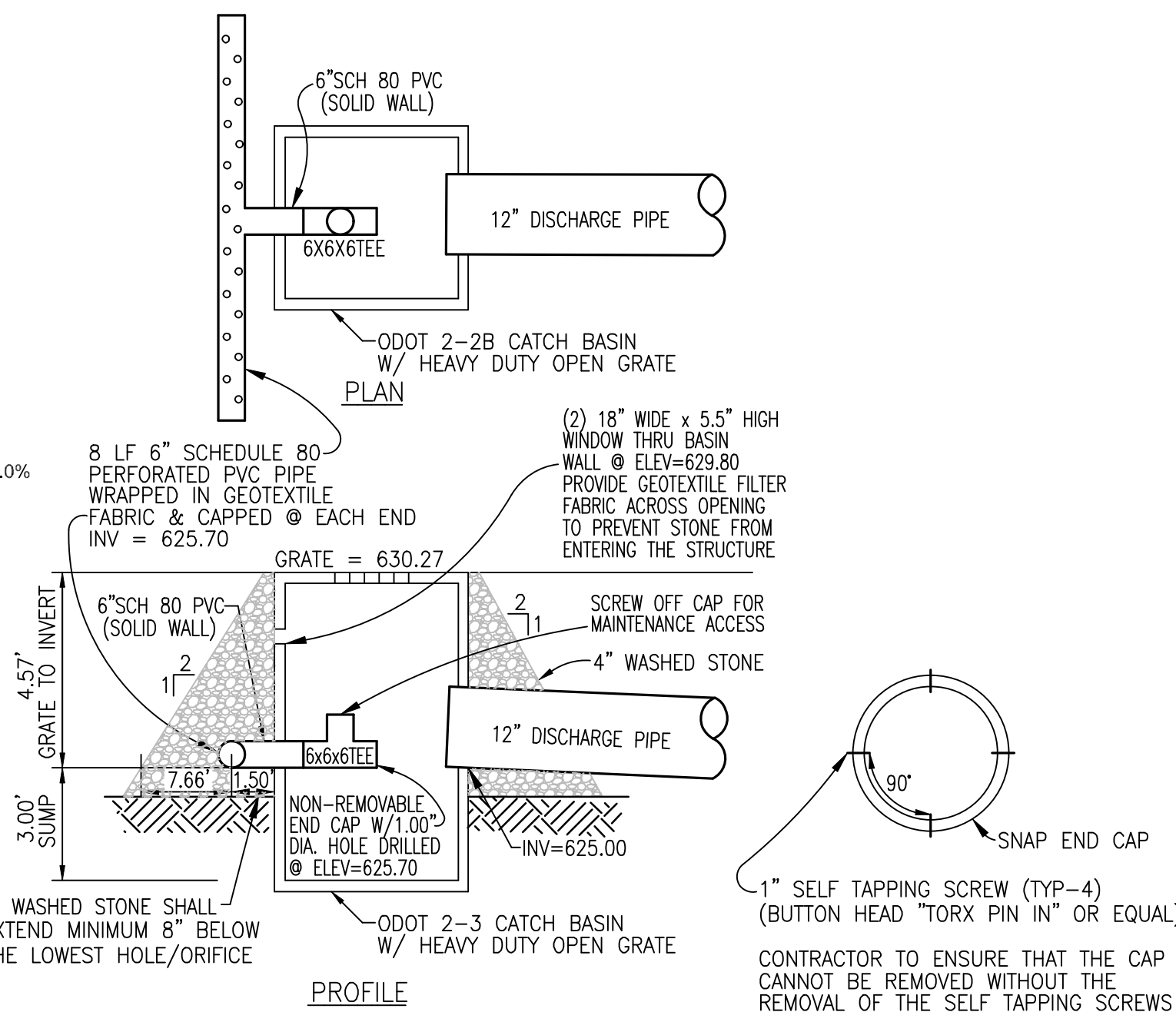




NOT TO SCALE



NOT TO SCALE



NOTE:  
UPON COMPLETION OF CONSTRUCTION THE 4" WASHED STONE  
AROUND THE STRUCTURE SHALL BE REFRESHED WITH CLEAN STONE.

- 1) BUILDING SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE UTILITY LOCATIONS, FINAL BUILDING DIMENSIONS AND DOWNSPOUT LOCATIONS WITH LATEST ISSUANCE AND REVISION OF ARCHITECTURAL PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER PRIOR TO CONSTRUCTION.
- 2) CONTRACTOR SHALL NOT SCALE ANY DIMENSIONS FROM THE PLANS, ANY QUESTIONS AND/OR CLARIFICATIONS MUST BE SUBMITTED TO THE ENGINEER PRIOR TO BIDDING AND CONSTRUCTION.
- 3) CONTRACTOR SHALL COORDINATE WITH THE DEVELOPER REGARDING THE ALIGNMENT OF THE ELECTRIC, TELEPHONE, CABLE AND GAS SERVICES TO THE PROPOSED BUILDING. ANY ALIGNMENTS INDICATED ON THE CIVIL PLAN ARE SCHEMATIC ONLY AND SUBJECT TO FINAL APPROVAL BY THE DEVELOPER AND UTILITY COMPANIES.
- 4) CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE OVER THE SURFACES OF THE PROJECT TO THE STORM SEWER SYSTEM. COORDINATE ANY GRADING ISSUES WITH THE DEVELOPER AND ENGINEER PRIOR TO THE COMMENCING THE WORK.
- 5) REFER TO THE STANDARD DETAIL SHEETS FOR ADDITIONAL SPECIFICATIONS, PAVEMENT SECTIONS, ETC.
- 6) GRADES INDICATED ON PLAN ARE FOR TOP OF PAVEMENT OR FINISHED GRADE.
- 7) EXISTING SITES AREAS TO RECEIVE FILL SHALL BE STRIPPED OF THE TOPSOIL PRIOR TO FILLING OPERATIONS. TOPSOIL SHALL BE STOCKPILED FOR FUTURE USE & REDISTRIBUTED OVER REMAINING PROPOSED GRASSED AREAS AT THE COMPLETION OF GRADING OPERATIONS.
- 8) FILL SHALL BE PLACED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF FREMONT, SANDUSKY COUNTY AND ODOT.
- 9) AREAS TO RECEIVE FILL ARE TO BE CLEARED OF TREES, STUMPS, DEBRIS AND OBSTRUCTIONS PRIOR TO FILLING. DEBRIS TO BE REMOVED OFF-SITE IN A LEGAL MANNER. STUMPS AND TREES MAY NOT BE BURIED ON SITE.
- 10) ON COMPLETION OF THE GRADING OPERATIONS, FILL SURFACES AND LOT AREAS ARE TO BE STABILIZED PER THE EROSION CONTROL STANDARDS AND SPECIFICATIONS OF THE OHIO EPA, CITY OF FREMONT & SANDUSKY COUNTY.
- 11) PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN UTILITIES AT ALL TIMES.
- 12) SEE ARCHITECTURAL PLANS BY OTHERS FOR DETAILS OF THE DUMPSITER ENCLOSURE AS WELL AS THE MECHANICAL ENCLOSURE ON THE NORTH SIDE OF THE BUILDING.

- 120" x 1" PVC HDPE WATER SERVICE LINE W/ FLARED FITTINGS

- WATER MAIN TAP & CURB BOX SHALL BE INSTALLED AT THE TIME OF CONSTRUCTION BY THE CITY OF FREMONT - DIVISION OF WATER AND SHALL MEET THEIR STANDARDS AND SPECIFICATIONS. THE CITY OF FREMONT SHALL INSTALL THE TAP AS PART OF THE WATER MAIN CONSTRUCTION.

- SITE CONTRACTOR SHALL BE RESPONSIBLE FOR EXTENDING THE WATER SERVICE LINE FROM THE BUILDING TO THE TAP INCLUDING DIRECTIONAL DRILLING THE SERVICE LINE UNDER WILSON AVENUE AS PART OF THE CONTRACTORS BID.

- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS TO BUILDING WITH MECH PLANS. INSTALLATION OF SERVICE LINE, METER AND BACKFLOW PREVENTER TO BE PER CITY OF FREMONT STANDARDS & SPECIFICATIONS. CONTACT THE DIVISION OF WATER DISTRIBUTION FOR INSTALLATION REQUIREMENTS FOR BACKFLOW PREVENTERS. REFER TO THE CITY OF FREMONT WEBSITE FOR THE LATEST REQUIREMENTS.

- MAINTAIN 10 FEET HORIZONTAL CLEARANCE BETWEEN PROPOSED WATER SERVICE & SANITARY AND/OR STORM SEWERS. MAINTAIN 4 FEET HORIZONTAL CLEARANCE BETWEEN PROPOSED WATER SERVICE AND ANY OTHER UNDERGROUND UTILITY. MAINTAIN 18" MINIMUM CLEARANCE BETWEEN PROPOSED WATER SERVICE AND ANY UNDERGROUND UTILITY.

- SANITARY SERVICE TO BE INSTALLED PURSUANT TO CITY OF FREMONT ENGINEERING STANDARDS AND SPECIFICATIONS.
- THE PROPOSED SERVICE LINE SHALL BE A MINIMUM OF 18" BELOW ALL OTHER UTILITIES
- ALL SANITARY SEWER WORK SHALL BE COMPLETED BY A LICENSED SEWER TAPPER AS APPROVED BY THE CITY OF FREMONT ENGINEERING DEPARTMENT.
- THE SANITARY SEWER SERVICE SHALL BE INSPECTED BY A CITY OF FREMONT REPRESENTATIVE AND ALL INSPECTION FEES SHALL BE THE RESPONSIBILITY OF THE OWNER/DEVELOPER. THE CITY OF FREMONT REQUIRES 48 HOURS ADVANCE NOTICE FOR INSPECTION SCHEDULING.

AS PART OF THE DEMOLITION OF THE EXISTING STRUCTURES, THE DEMOLITION CONTRACTOR CAPPED THE EXISTING SERVICE (SAF#1) PER CITY OF FREMONT REQUIREMENTS AND INSPECTION FOR THE 'TAP KILL'.  
SITE CONTRACTOR SHALL LOCATE & VERIFY THE SIZE, INVERT & LOCATION OF THE 'TAP KILL' PRIOR TO CONSTRUCTION.  
PROVIDE OWNER & ENGINEER THE VERIFIED 'TAP KILL' INFORMATION FOR COORDINATION WITH PROPOSED SERVICE.  
'TAP KILL' LOCATION INDICATED ON PLAN IN BASED ON SURVEY LOCATION OF THE OBSERVED EXCAVATION. DRFA DID NOT VERIFY THE 'TAP KILL' INVERT AS PART OF THE FIELD TOPOGRAPHIC SURVEY.

EX SA #1	SA #3
VERIFY EX 6" SANITARY SERVICE	SANITARY CLEAN-OUT
PROP FL 6" S = 625.07	CO RIM = 630.75±
INSTALL REQ'D 45° BENDS NEEDED TO CONNECT TO INVERT OF EX 'TAP KILL'	PROP FL 6" = 627.27

10"± - 6" PVC SDR35 @ MIN 2.0%

SA #2  
SANITARY CLEAN-OUT  
CO RIM = 630.75±  
PROF FL 6" = 625.27

100' - 6" PVC SDR35 @ MIN 2.0%

SA #4  
DOUBLE SANITARY CLEAN-OUT AT  
BLDG  
CO RIM = 631.25  
PROF FL 6" = 627.75  
COORD SERVICE AT BUILDING WITH  
MEP PLANS.

- ALL STORM SEWER TO BE INSTALLED PURSUANT TO ODOT, CITY OF FREMONT & SANDUSKY COUNTY STANDARDS & SPECIFICATIONS, CURRENT ISSUANCE.
- ALL PROPOSED STORM SEWER SHALL REMAIN PRIVATE AFTER CONSTRUCTION.
- ALL PROPOSED CATCH BASINS SHALL BE EQUIPPED WITH MIN FOUR (4) - 4" PERFORATED UNDERDRAINS PER THE DETAIL ON SHEET C-13. EACH UNDERDRAIN SHALL BE MINIMUM 12" LONG.
- ALL PROPOSED CATCH BASINS SHALL BE EQUIPPED WITH MIN 2' SUMPS.
- ALL PROPOSED STORM SEWER LINES SHALL MAINTAIN A MINIMUM 18" VERTICAL CLEARANCE TO ALL OTHER UTILITIES.

ST#1	ST#5
ODOT 2-2B CATCH BASIN W/ HEAVY DUTY FRAME & GRATE	ODOT 2-2B CATCH BASIN W/ HEAVY DUTY FRAME & GRATE
GRATE=629.48	GRATE=629.41
INV 4" UD=626.85	INV 4" UD=626.72
INV 10" S=626.60	INV 6" SE=626.67
	INV 10" S=626.47

ST#2  
ODOT 2-2B CATCH BASIN W/  
HEAVY DUTY FRAME & GRATE  
GRATE=629.48  
INV. 4' HD=626.70

INV 6 NW=626.63	INV 4 UD=626.43
INV 10" S=626.45	INV 6" NE=626.47
INV 10" N=626.45	INV 10" N=626.20
	INV 12" S=626.20

ST#3  
ODOT 2-2B CATCH BASIN W/  
HEAVY DUTY FRAME & GRATE

GRATE=626.58  
INV 4" UD=626.58  
INV 10" N=626.33  
INV 12" SW=626.33

ST#4  
ODOT 2-2B CATCH BASIN W/

GRATE=629.20	ODOT HW-2.1 HEADWALL
INV 4" UD=626.58	INV 15" N=625.86
INV 12" NE=626.17	W/ 1.5 CY ODOT NO.3 or NO.4 ROCK W/
INV 15" W=626.17	FABRIC

63 LF ~ 15" ADS N12 TYPE C @ 0.25%  
to ST#7

REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
OWNER REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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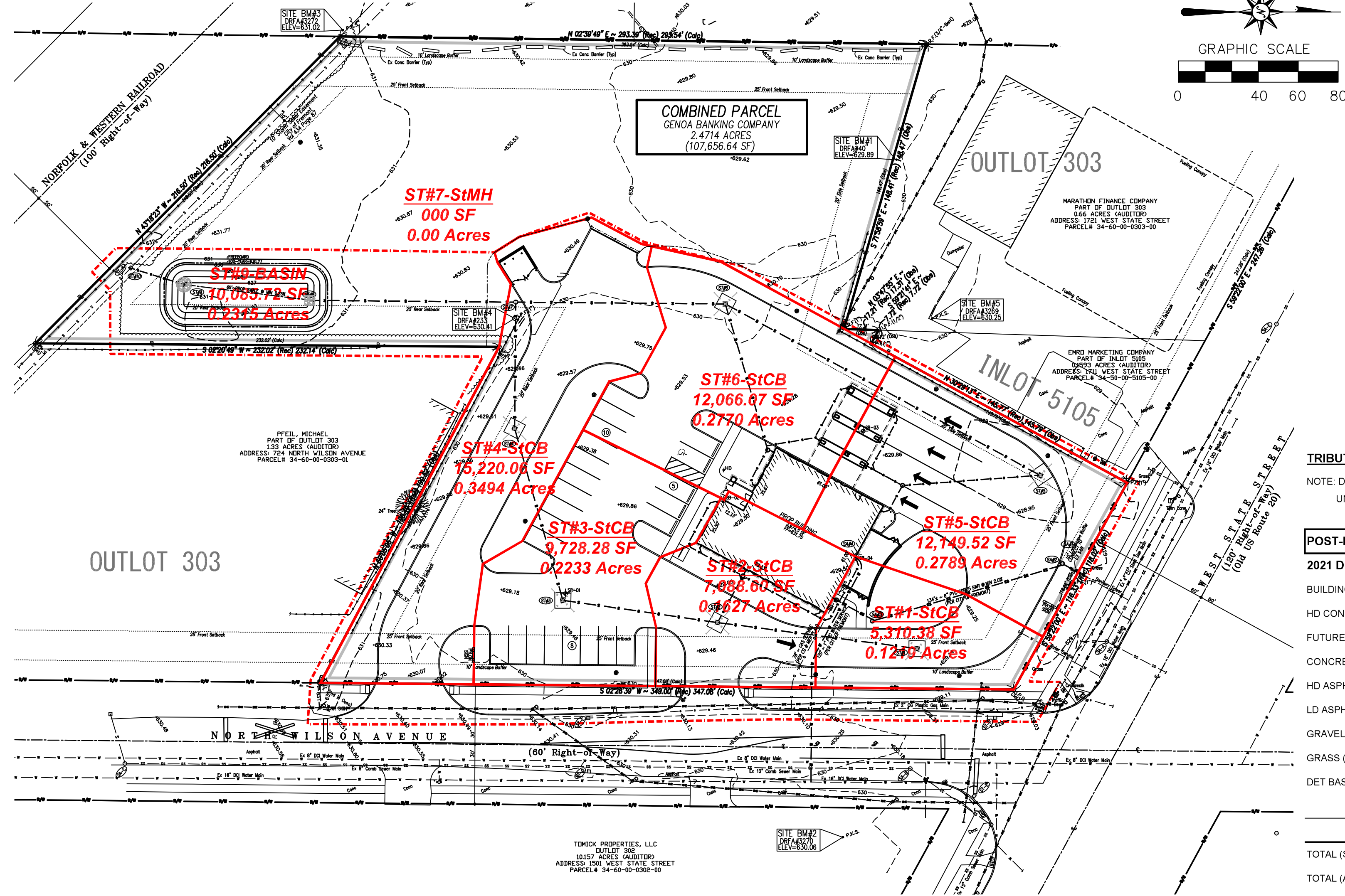
UTILITY PLAN  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE:	JAN 2023
DRAWN BY:	DRF
JOB No.:	22-2328
SCALE:	1" = 30'

SHEET

C-8





PROJECT WORK LIMITS

APPROX LIMITS OF SITE & BUILDING IMPROVEMENTS.  
SUBJECT TO CONTRACTORS OPERATIONS AND  
COORDINATION WITH OWNER & PROJECT MANAGER.

TRIBUTARY AREA SUMMARY FOR CURRENT DEVELOPMENT AREA - DRAINS TO PROPOSED DETENTION BASIN

NOTE: DETENTION BASIN HAS BEEN SIZED TO ACCOUNT FOR THE 1.6448 ACRE DISTURBED AREA (PHASE I)  
UNDEVELOPED REAR AREA TO REMAIN GRAVEL 0.8266 ACRE (FUTURE)

POST-DEVELOPMENT	Not Used																Not Used			
	ST#1	ST#2	ST#3	ST#4	ST#5	ST#6	ST#7	ST#8	ST#00	ST#00	ST#00	ST#00	ST#00	ST#00	ST#00	ST#00	ST#00	ST#00	ST#00	ST#00
2021 DESCRIPTION	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)
BUILDING (C = 0.96)	0	2279.2	0	0	738.89	1776.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HD CONC (C = 0.96)	64.37	64.37	64.37	654.12	256.02	64.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FUTURE HD CONC (C = 0.96)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONCRETE WALK (C = 0.96)	149.27	48.41	195.76	0	0	273.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HD ASPHALT (C = 0.96)	0	0	137.8	8471.09	0	390.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LD ASPHALT (C = 0.96)	2211.41	2826.18	7321.01	0	6894.58	7797.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAVEL (C = 0.96)	227.11	0	0	0	226.11	0	0	3563.7	0	0	0	0	0	0	0	0	0	0	0	0
GRASS (C = 0.47)	2658.22	1872.44	2009.34	6094.85	4033.92	1764.04	0	3571.09	0	0	0	0	0	0	0	0	0	0	0	0
DET BASIN HW (1.00)	0	0	0	0	0	0	0	2950.93	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SF)	5310.38	7088.6	9728.28	15220.1	12149.5	12066.1	0	10085.7	0	0	0	0	0	0	0	0	0	71648.63	-----	71648.63
TOTAL (ACRES)	0.12	0.16	0.22	0.35	0.28	0.28	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	-----	1.64
WEIGHTED C =	0.71	0.83	0.86	0.76	0.80	0.89	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	-----	0.81

PRE-DEVELOPMENT	GB PH 1	REAR FUTURE	% IMPERVIOUS =	65%
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STORM SEWER SIZING CALCULATIONS

5 YEAR STORM EVENT  
STORM SEWERS SHALL BE DESIGNED TO FLOW JUST FULL FOR A 5 YEAR STORM - MANNING'S FLOW CAPACITY MUST BE GREATER THAN RUNOFF (CFS)  
MANNING'S n = 0.013

FROM	TO	ACRES A	RUNOFF COEFF C	EQUIV. AREA A * C	INTEN- SITY I	TIME OF CONC. T <sub>c</sub>	ADD'L CONC. Q	RUNOFF Q	PIPE LENGTH (LF)	PIPE DIA. (IN)	VELOCITY FLOWING FULL (FPS)	HYDRAULIC GRADIENT SLOPE %	ACTUAL SLOPE USED	MANNING FLOW CAPACITY	MANNING'S VELOCITY (FT/SEC)	TIME (MIN)	HG ELEV UPPER END	HG ELEV LOWER END	RIM ELEV UPPER END	INVERT UPPER END	INVERT LOWER END	RIM- HG >0	PIPE COVER (FEET)
1	2	0.12	0.71	0.0865	3.16	20.00		0.27	101	10	0.50	0.02%	0.15%	0.85	1.56	1.08	627.72	627.70	629.48	626.60	626.45	1.76	1.88
2	3	0.16	0.83	0.1350	3.07	21.08		0.69	78	10	1.26	0.10%	0.15%	0.85	1.56	0.84	627.70	627.63	629.48	626.45	626.33	1.78	2.03
3	4	0.22	0.86	0.1920	3.00	21.91		1.27	89	12	1.61	0.13%	0.18%	1.52	1.93	0.77	627.63	627.51	629.50	626.33	626.17	1.87	2.00
4	7	0.35	0.76	0.2655	2.95	22.68		2.05	63	15	1.67	0.10%	0.25%	3.24	2.64	0.40	627.51	627.45	629.20	626.17	626.01	1.69	1.61
5	6	0.28	0.80	0.2231	3.16	20.00		0.71	179	10	1.29	0.10%	0.15%	0.85	1.56	1.92	627.81	627.62	629.41	626.47	626.20	1.60	1.94
6	7	0.28	0.89	0.2465	3.00	21.92		1.45	105	12	1.84	0.16%	0.18%	1.52	1.93	0.91	627.62	627.45	629.73	626.20	626.01	2.11	2.36
7	8	0.00	0.00	0.0000	2.95	22.68	3.49	3.49	101	15	2.85	0.29%	0.15%	2.51	2.04	0.82	627.45	627.16	630.75	626.01	625.86	3.30	3.32
																		CROWN 15" PIPE					

STORM SEWER SIZING CALCULATIONS

10 YEAR STORM EVENT  
USE A 10 YEAR STORM EVENT TO CHECK THE HYDRAULIC GRADE LINE - MINIMUM PAVEMENT GUTTER ELEVATIONS MUST BE AT OR ABOVE 10 YEAR HYDRAULIC GRADE LINE  
MANNING'S n = 0.013

FROM	TO	ACRES A	RUNOFF COEFF C	EQUIV. AREA A * C	INTEN- SITY I	TIME OF CONC. T <sub>c</sub>	ADD'L CONC. Q	RUNOFF Q	PIPE LENGTH (LF)	PIPE DIA. (IN)	VELOCITY FLOWING FULL (FPS)	HYDRAULIC GRADIENT SLOPE %	ACTUAL SLOPE USED	MANNING FLOW CAPACITY	MANNING'S VELOCITY (FT/SEC)	TIME (MIN)	HG ELEV UPPER END	HG ELEV LOWER END	RIM ELEV UPPER END	INVERT UPPER END	INVERT LOWER END	RIM- HG >0	PIPE COVER (FEET)
1	2	0.12	0.71	0.0865	3.75	20.00		0.32	101	10	0.59	0.02%	0.15%	0.85	1.56	1.08	627.95	627.92	629.48	626.60	626.45	1.53	1.88
2	3	0.16	0.83	0.1350	3.64	21.08		0.82	78	10	1.50	0.14%	0.15%	0.85	1.56	0.84	627.92	627.82	629.48	626.45	626.33	1.56	2.03
3	4	0.22	0.86	0.1920	3.55	21.91		1.50	89	12	1.91	0.18%	0.18%	1.52	1.93	0.77	627.82	627.66	629.50	626.33	626.17	1.68	2.00
4	7	0.35	0.76	0.2655	3.48	22.68		2.42	63	15	1.97	0.14%	0.25%	3.24	2.64	0.40	627.66	627.57	629.20	626.17	626.01	1.54	1.61
5	6	0.28	0.80	0.2231	3.75	20.00		0.84	179	10	1.53	0.14%	0.15%	0.85	1.56	1.92	628.07	627.81	629.41	626.47	626.20		
6	7	0.28	0.89	0.2465	3.55	21.92		1.71	105	12	2.18	0.23%	0.18%	1.52	1.93	0.91	627.81	627.57	629.73	626.20	626.01	1.92	2.36
7	8	0.00	0.00	0.0000	3.75	20.00	4.13	4.13	101	15	3.37	0.41%	0.15%	2.51	2.04	0.82	627.57	627.16	630.75	626.01	625.86	3.18	3.32
																		CROWN 15" PIPE					

Ohio Utilities Protection Service

Call 811 before you dig

REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
OWNER REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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STORM SEWER COMPUTATIONS  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE: JAN 2023  
DRAWN BY: DRF  
JOB No.: 22-2328  
SCALE: 1"= 30'

SHEET  
C-9





WHERE PROPOSED CONCRETE ABUTS LAWN AREAS, CONTRACTOR SHALL TRANSITION FROM PROPOSED CONCRETE / PAVEMENT TO EXISTING GRADE WITHIN 10' OF EDGE OF CONCRETE PAVEMENT. MAX 10:1 RESTORED SLOPE THRU RE-GRADED LAWN AREA. CONTRACTOR TO PLACE TOPSOIL, SEED & MULCH IN RESTORED AREA.

CONTRACTOR TO FOLLOW RECOMMENDATIONS IN GEOTECHNICAL REPORT FOR COMPACTION (MINIMUM 98% PROCTOR), STABILIZATION AND OBSERVATION INCLUDING BUT NOT LIMITED TO PROOF ROLLING & COMPACTION TESTING. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TESTING REQUIREMENTS WITH GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

THE CONTRACTOR SHALL REQUEST A COPY OF ANY SUCH REPORTS THAT MAY BE GENERATED SUBSEQUENT TO THIS PLAN PREPARATION PRIOR TO THE START OF CONSTRUCTION AND ABIDE BY ALL ADDITIONAL REQUIREMENTS CONTAINED WITHIN SUCH REPORTS, WHETHER SHOWN ON THESE PLANS OR NOT. ANY DISCREPANCIES BETWEEN SUCH REPORTS AND THESE PLANS SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO CONSTRUCTION.

AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL REMAIN DORMANT FOR ONE YEAR OR MORE	WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE	WITHIN 2 DAYS OF REACHING FINAL GRADE
ANY OTHER AREAS AT FINAL GRADE	WITHIN 7 DAYS OF REACHING FINAL GRADE WITHIN THAT AREA

ANY DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE & NOT AT FINAL GRADE	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS
FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE (INCLUDES STOCKPILES)	WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA. FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST 7 DAYS PRIOR TO TRANSFER TO PERMIT COVERAGE FOR INDIVIDUAL LOTS
DISTURBED AREAS THAT MAY BE IDLE OVER WINTER	PRIOR TO THE ONSET OF WINTER WEATHER

INITIAL: GRANVILLE BLVD STORM SEWER  
SOUTH TOWARDS NAPOLEON ROAD  
SUBSEQUENT SURFACE WATER BODY: MINNOW CREEK  
(SUB-WATERSHED OF SANDUSKY RIVER)

1. THE EXISTING SITE, AS IT EXISTED PRIOR TO DEMOLITION AND CONSTRUCTION, DID NOT CONTAIN ANY DETENTION FACILITIES OR OUTLET CONTROL MEASURES. THE PROPOSED DRY DETENTION BASIN PROVIDES STORMWATER TREATMENT & DETENTION FOR THE OVERALL SITE IMPROVEMENTS. THIS PROPOSED DRY DETENTION BASIN OUTLETS TO THE EXISTING 15" PUBLIC STORM SEWER ON THE SOUTH SIDE OF THE PARCEL ADJACENT TO THE RAILROAD TRACKS.
2. STORMWATER TREATMENT FOR THE PROPOSED DEVELOPMENT AREA SHALL BE PROVIDED AS FOLLOWS: PROPOSED DRY DETENTION BASIN SHALL BE CONSTRUCTED, PER SHEET C-7 & C-8, TO PROVIDE TREATMENT OF THE WATER QUALITY VOLUME & DETENTION OF THE 100 YEAR STORM EVENT.
3. SUMMARY OF STORAGE PROVIDED IN PROPOSED DRY DETENTION BASIN:
  - WATER QUALITY VOLUME FOR CURRENT DEVELOPMENT = 4,299 CF
  - 100 YEAR STORAGE VOLUME FOR CURRENT DEVELOPMENT = 5,475 CF
  - TOTAL VOLUME PROVIDED = 7,487 CF
  - HIGH-WATER 630.27 ELEV VOLUME = 5,513 CF
4. SUMMARY OF ELEVATIONAL DATA FOR PROPOSED DRY DETENTION BASIN:
  - FREEBOARD ELEVATION = 631.00
  - 100 YEAR HIGH WATER ELEVATION = 630.27
  - WATER QUALITY VOLUME ELEVATION = 629.76
  - BOTTOM OF BASIN = 625.70 (INVERT OF PERFORATED PIPE AT OCS)
5. SUMMARY OF PROPOSED DRY DETENTION BASIN OUTLET: THE BASIN WILL OUTLET VIA GRAVITY SEWER TO AN EXISTING 15" STORM PIPE (EXISTING CB ST 'A') LOCATED SOUTH OF THE DETENTION BASIN - NORTH OF THE RAILROAD RIGHT-OF-WAY. THIS EXISTING STORM SEWER OUTLETS TO THE GRAVITY SEWER WITHIN THE GRANVILLE BOULEVARD RIGHT-OF-WAY AREA.

—○—○—○—○—○—  
 (SF)  
 INSTALLED ALONG THE PERIMETER OF THE SITE  
 DETENTION BASIN & DRAINAGE SWALE AS  
 INDICATED.  
 LENGTH = 1,395 LF ±

- 1) THE LOCATION OF THE CONTRACTOR "LAY-DOWN AREA" SHALL BE COORDINATED WITH THE OWNER/DEVELOPER PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR "LAY-DOWN AREA" SHALL INCLUDE TRASH ENCLOSURES, PARKING AREAS, GENERAL CONTRACTOR OFFICES, FUEL TANK STORAGE AREAS, MATERIAL STORAGE AREAS, STAGING AREAS, ETC. CONTRACTOR SHALL RECORD THE LOCATION OF ALL OF THESE AREAS ON THE CONSTRUCTION PLANS FOR THE SOIL EROSION PERMIT & THE OHIO EPA NOI PERMIT AS REQUIRED.
- 2) CONTRACTOR SHALL HAVE THE SWP3 PLAN FOR THE PROJECT LOCATED "ON-SITE" IN AN AREA ACCESSIBLE BY THE GENERAL PUBLIC - 24 HOURS A DAY & 7 DAYS A WEEK. SWP3 PLAN SHALL BE ACCESSIBLE TO THE CITY OF FREMONT, SANDUSKY COUNTY & THE OHIO EPA.
- 3) EROSION CONTROL AND SEDIMENT BEST MANAGEMENT PRACTICES (BMP) MEASURES WILL BE IMPLEMENTED PRIOR TO START OF ANY CONSTRUCTION AND WILL BE MAINTAINED AT ALL TIMES UNTIL CONSTRUCTION HAS BEEN COMPLETED, INCLUDING ALL GRASS BEING ESTABLISHED AND/OR PERMANENT EROSION AND SEDIMENT BMP MEASURES ARE IN PLACE. ALL BMP MEASURES WILL BE INSTALLED TO THE SATISFACTION OF CITY OF FREMONT & SANDUSKY COUNTY. THE CITY OR COUNTY MAY REQUIRE WORK TO BE STOPPED AND THE STORM DRAINAGE OUTLET TO BE PLUGGED IF CONDITIONS BECOME UNSATISFACTORY.
- 4) CONTRACTOR TO NOTIFY CITY OF FREMONT & SANDUSKY COUNTY ENGINEERS' OFFICE THREE DAYS PRIOR TO STARTING CONSTRUCTION FOR PURPOSE OF MONITORING EROSION AND BMP MEASURES.
- 5) CONTRACTOR IS TO DESIGNATE A SITE DUMP / WASH AREA PRIOR TO STARTING CONSTRUCTION FOR THE PURPOSES OF WASHING OUT CONCRETE TRUCKS AND EQUIPMENT. ALL SOLID, SANITARY AND TOXIC WASTE, DUMPING OR DISCHARGE OF ANY WASTE MATERIALS TO ANY PUBLIC SEWER IS PROHIBITED. HAZARDOUS WASTES ARE TO BE REMOVED OFF SITE AND PROPERLY DISPOSED OF CONSISTENT WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
- 6) ANY PARTY (TYPICALLY THE GENERAL CONTRACTOR) WHO HAS DAY-TO-DAY OPERATIONAL CONTROL OF ACTIVITIES AT THIS PROJECT, WHICH ARE NECESSARY TO ENSURE COMPLIANCE WITH THE SWP3 FOR THE SITE OR OTHER CONDITIONS AS SET FORTH IN THE PERMIT, MUST FILE A CO-PERMITTEE NOW WITH THE OHIO EPA. THIS IS THE SOLE RESPONSIBILITY OF THE CO-PERMITTEE AND SHALL BE DONE 21 DAYS BEFORE GROUND IS BROKEN.
- 7) THE NPDES PERMIT HOLDER SHALL PROVIDE QUALIFIED PERSONNEL TO CONDUCT SITE INSPECTIONS AND INSURE PROPER FILING OF THE EROSION AND SEDIMENTATION CONTROL MEASUREMENTS. QUALIFIED PERSONNEL SHALL BE AVAILABLE FOR INSPECTIONS DURING EVERY FIFTH WORKING CALENDAR DAY WITHIN 24 HOURS PRIOR TO EACH GRADE OR STORM EVENT. THE LOG OF THE INSPECTIONS MUST BECOME PART OF THE STORMWATER POLLUTION PREVENTION PLAN (SWP3). THIS LOG SHOULD INDICATE THE DATE OF THE INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, OBSERVATIONS, ACTIONS TAKEN TO CORRECT ANY PROBLEMS AND THE DATE ACTION WAS TAKEN.
- 8) SOLID, SANITARY AND TOXIC WASTE MUST BE DISPOSED OF IN A PROPER MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IT IS PROHIBITED TO BURN, BURY OR POUR OUT ONTO THE GROUND OR INTO STORM SEWERS ANY SOLVENTS, PAINTS, STAINS, GASOLINE, DIESEL FUEL, USED MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CEMENT CURING COMPOUNDS AND ANY OTHER SUCH TOXIC WASTES. WASH OUT OF CEMENT TRUCKS SHOULD OCCUR IN A Diked, DIRT PAD, OR OTHER DEDICATED AREA. WASH WATER SHOULD BE COLLECTED AND DISPOSED OF PROPERLY WHEN THEY HARDEN. STORAGE TANKS SHOULD BE LOCATED IN Diked AREAS AWAY FROM ANY DRAINAGE CHANNELS. THE DIKED AREA SHOULD HOLD A VOLUME 110% OF THE LARGEST TANK.
- 9) PROVIDE FOR TEMPORARY AND PERMANENT SEEDING, MULCHING, BLANKETING, ETC. FOR ALL AREAS AT FINAL GRADE OR WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED FOR 14 DAYS OR LONGER. STABILIZATION TO OCCUR WITHIN 7 DAYS OF LAST ACTIVITY.
- 10) GRADED SLOPES AND DENUDED AREAS GREATER THEN 5% SLOPE SHALL BE TEMPORARILY STABILIZED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- 11) CONTRACTOR SHALL ESTABLISH PERMANENT VEGETATION FOR ALL DISTURBED AREAS UPON COMPLETION OF CONSTRUCTION. PREVIOUSLY STOCKPILED TOPSOIL, SHALL BE REDISTRIBUTED OVER GRASSED AREAS (MIN 4" DEPTH) PRIOR TO PERMANENT SEEDING OPERATIONS.
- 12) CONTRACTOR SHALL COMPLY WITH ALL APPROPRIATE REGULATIONS SET FORTH BY CITY OF FREMONT, SANDUSKY COUNTY & THE OHIO EPA FOR EROSION AND SEDIMENT CONTROL MEASURES.

- 13) SEE THE FOLLOWING SHEETS FOR INLET PROTECTION DETAILS:
- PAVED AREAS - SHEET C-12
  - GRASSED AREAS - SHEET C-12
- 14) STORMWATER PERMITS TO BE ACQUIRED:
- OHIO EPA NOI PERMIT
  - CITY OF FREMONT EROSION CONTROL PERMIT
- 15) AREA SUMMARY:
- OVERALL PARCEL AREA = 2,4714 ACRES (107,657 SF)
  - PROPOSED DISTURBED AREA = 1,6448 ACRES (71,649 SF)
  - AREA TRIBUTARY TO PROPOSED DRY DETENTION BASIN = 1,6448 ACRES
- 16) PROPOSED IMPERVIOUS AREA = 46,009 SF (SEE SHEET C-6)
- EXISTING IMPERVIOUS TO BE REMOVED = 54,483 SF (SEE SHEET C-5)
  - NET DECREASE IN IMPERVIOUS AREA = 8,474 SF
- NOTE: DATA FOR 1,6448 ACRE DISTURBED AREA, MAJORITY OF PROPOSED IMPERVIOUS AREA LOCATED WITHIN EXISTING BUILDING/ASPHALT AREA.
- 17) WEIGHTED 'C' FACTOR COMPUTATIONS WITHIN 1,6448 ACRE CURRENT TRIBUTARY AREA:
- EXISTING CONDITIONS WEIGHTED 'C' FACTOR = 0.80
    - 14,330 SF PERVIOUS (20%)
    - 57,319 SF IMPERVIOUS (80%)
  - PROPOSED CONDITIONS WEIGHTED 'C' FACTOR = 0.81
    - 25,077 SF PERVIOUS (35%)
    - 46,572 SF IMPERVIOUS (65%)
- 18) EXISTING LAND USE = COMMERCIAL/INDUSTRIAL
- PROPOSED LAND USE = COMMERCIAL BANKING FACILITY BUILDING & SITE IMPROVEMENTS
- 19) THERE IS NO RECORD OF CONTAMINATED SOIL ONSITE OR OF PRIOR LAND USES THAT INVOLVED SOLID WASTE MANAGEMENT OR HAZARDOUS WASTES.
- 20) THERE ARE NO RECORDS ON THE SUBJECT PROPERTY.
- 21) FOR THE PROJECT CONSTRUCTION A SWPPP BINDER SHALL BE CREATED FOR REFERENCE BY THE SITE CONTRACTORS. THIS BINDER SHALL BE KEPT ONSITE THROUGHOUT CONSTRUCTION. THIS BINDER SHALL INCLUDE THE FOLLOWING:
- PROJECT COVERSHEET CONTAINING:
    - PROJECT CONTACT INFORMATION
    - SWPPP PREPARATION DATE
    - ANTICIPATED CONSTRUCTION TIMELINE
  - A COPY OF THIS PLAN SET
  - OHIO EPA NPDES CONSTRUCTION STORM WATER GENERAL PERMIT
  - COPY OF NOI PERMIT FOR THE PROJECT
  - COPY OF ALL NOI CO-PERMITTEE APPLICATIONS FOR THE PROJECT
  - SUBCONTRACTOR CERTIFICATION AGREEMENTS
  - SWPPP INSPECTION REPORTS
  - CORRECTIVE ACTION LOGS
  - SWPPP AMENDMENT/MODIFICATION LOGS
  - GRADING & STABILIZATION ACTIVITIES LOG
  - DRAINAGE CALCULATIONS W/ TRIBUTARY AREA MAP
- 22) NO ASPHALT OR CONCRETE BATCH PLANTS SHALL BE LOCATED ONSITE DURING CONSTRUCTION.
- 23) OFFSITE BORROW PITS ARE NOT ANTICIPATED FOR THIS PROJECT.

[illegible]

ALL DRAWINGS  
ARE AND SHALL REMAIN  
THE PROPERTY OF D.R.  
REDERICK & ASSOCIATES,  
AND MAY NOT BE USED,  
REPRODUCED, COPIED,  
APPLICATED, OR ALTERED  
WITHOUT THE WRITTEN  
CONSENT OF THE  
ENGINEER

**FR** **FREDERICK & ASSOCIATES**  
ENGINEERS – SURVEYORS – PLANNERS  
645 N. SUMMIT STREET TOLEDO, OHIO 4  
19.340.2650 fax 419.726.  
DFREDERICK@FREDERICKASSOC.CO

STORM WATER POLLUTION PREVENTION PLAN  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE:	JAN 2023
DRAWN BY:	DRF
JOB No.:	22-2328
SCALE:	1"= 30'

SHEET

C-10



GENERAL INFORMATION

1. THE PLANS SHALL BE RETAINED ON SITE. A COPY OF THE NOI AND LETTER AUTHORIZING DISCHARGES UNDER THE GENERAL PERMIT SHALL BE POSTED AT THE SITE IN A PROMINENT PLACE FOR PUBLIC VIEWING, SUCH AS ALONGSIDE A BUILDING PERMIT SIGN. THE GENERAL CONTRACTOR SHALL NOT REDUCE THE AREA LESS THAN 1-ACRE). THE GENERAL CONTRACTOR SHALL MAKE PLANS AVAILABLE UPON REQUEST TO THE GOVERNING AGENCY APPROVING SEDIMENT AND EROSION PLANS, GRADING PLANS, OR STORM WATER MANAGEMENT PLANS; OR IN THE CASE OF A STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY WHICH DISCHARGES THROUGH A MUNICIPAL SEPARATE STORM SEWER SYSTEM WITH A NPDES PERMIT TO THE MUNICIPAL OPERATIONS. THE GENERAL CONTRACTOR SHALL NOTIFY THE GOVERNING AGENCY OF THE MINIMUM REQUIREMENTS. IMMEDIATELY AFTER SUCH NOTIFICATION FROM THE GOVERNING AGENCY, THE GENERAL CONTRACTOR SHALL MAKE THE REQUIRED CHANGES TO THE PLAN AND SHALL SUBMIT TO THE GOVERNING AGENCY A WRITTEN CERTIFICATION THAT THE REQUESTED CHANGES HAVE BEEN MADE.

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GENERAL NOTES

1. SEDIMENT CONTROL DEVICES SHALL BE INSTALLED FOR ALL AREAS REMAINING DISTURBED FOR OVER 14 DAYS.
2. SEDIMENT CONTROLS WILL BE INSTALLED WITHIN 7 DAYS OF GRUBBING ACTIVITIES.
3. THE DEVELOPER IS UNAWARE OF ANY EXISTING BRICKS, HARDENED CONCRETE, OR SOIL WASTE ON-SITE THAT MAY CONTAIN CONTAMINATION THAT MAY LEACH CONSTITUENTS TO THE WATERS OF THE STATE. ALL BRICKS, HARDENED CONCRETE, AND SOIL WASTE SHALL BE REMOVED FROM THE SITE. CONSTRUCTION SHALL BE FREE OF CONTAMINATION THAT MAY LEACH CONSTITUENTS TO THE WATERS OF THE STATE.
4. THE CONTRACTOR SHALL NOT DISPOSE OF ANY CONSTRUCTION WASTES ON THE SUBJECT PROPERTY (I.E. BURYING).
5. ALL CONSTRUCTION & DEMOLITION DEBRIS (C&D) WASTE SHALL BE DISPOSED OF IN AN OHIO EPA APPROVED C&D LANDFILL AS REQUIRED BY OHIO REVISED CODE (ORC) §374.
6. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL DESIGNATE AN AREA FOR MIXING & STORAGE OF COMPOUNDS SUCH AS FERTILIZERS, LIME, ASPHALT & CONCRETE. THESE AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DITCHES, FIELD DRAINS & ANY OTHER STORM WATER DRAINAGE STRUCTURES.
7. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL DESIGNATE AN AREA FOR FUEL STORAGE & VEHICLE FUELING AND MAINTENANCE. THESE AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DITCHES, FIELD DRAINS & ANY OTHER STORM WATER DRAINAGE STRUCTURES.
8. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL DEVELOP A SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN. IF ANY OF THE FOLLOWING APPLY:
  - ONE ABOVE GROUND STORAGE TANK OF 660 GALLONS OR MORE
  - TOTAL ABOVE GROUND STORAGE OF 1,330 GALLONS OR MORE
  - BELOW GROUND STORAGE OF 42,000 OF FUEL
  - 9. ANY SOILS CONTAMINATED WITH PETROLEUM OR OTHER CHEMICAL SPILLS MUST BE STORED AND/OR DISPOSED OF IN AN OHIO EPA APPROVED LAND WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES (TSD'S).
  - 10. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC OR METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. ADDITIONAL EQUIPMENT AND MATERIALS WILL BE ADDED TO THIS LIST IF RECOMMENDED BY THE MANUFACTURER OF ANY PRODUCT TO BE USED ON THIS SITE. ALL SPILLS WILL BE CLEANED IMMEDIATELY AFTER DISCOVERY. THE OWNER, OR ITS DESIGNATED REPRESENTATIVE IS TO BE IMMEDIATELY NOTIFIED OF ANY SPILLS. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH HAZARDOUS MATERIAL. SPILL CONTROL PRACTICES WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THE REOCCURRENCE OF ANY SPILL AND INCLUDE MEASURES OF HOW TO RESPOND TO SIMILAR OCCURRENCES. A DESCRIPTION OF ANY SPILL THAT OCCURS WILL BE RECORDED INCLUDING WHAT CAUSED IT AND HOW EASY IT WAS TO CLEAN UP. THE GENERAL CONTRACTOR WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE GENERAL CONTRACTOR WILL DESIGNATE THREE SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THE NAMES OF THESE INDIVIDUALS WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE SITE OFFICE. FOR SMALL SPILLS, LESS THAN 25 GALLONS, THE CONTRACTOR SHALL FOLLOW THE GUIDELINES LISTED ABOVE. AS WELL ANY MANUFACTURER SPECIFIC GUIDELINES. PETROLEUM BASED AND CONCRETE CURING COMPOUNDS MUST HAVE SPECIAL HANDLING PROCEDURES ACCORDING TO THE MANUFACTURER AND OHIO EPA GUIDELINES. IN THE EVENT OF LARGER SPILLS, MORE THAN 25 GALLONS, THE CONTRACTOR SHALL FOLLOW THE GUIDELINES LISTED ABOVE. AS WELL ANY MANUFACTURER SPECIFIC GUIDELINES AND CONTACT THE OHIO EPA, 1-800-282-9378, THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC), WITHIN 30 MINUTES OF THE SPILL. ALL SPILLS OF TOXIC OR HAZARDOUS MATERIAL MUST BE REPORTED TO THE OHIO EPA, THE LOCAL FIRE DEPARTMENT AND THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) REGARDLESS OF THE SIZE OF THE SPILL.
  - 11. NO OPEN BURNING OF ANY CONSTRUCTION WASTE SHALL TAKE PLACE ON-SITE.
  - 12. ANY DUST SUPPRESSANTS USED DURING CONSTRUCTION, SHALL NOT BE APPLIED ADJACENT TO ANY EXISTING OR PROPOSED STORM WATER CATCH BASINS OR DRAINAGE WAYS. USE OIL MAY NEVER BE USED AS A DUST SUPPRESSANT.
  - 13. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL OBTAIN ANY REQUIRED AIR POLLUTION PERMITS, AIR POLLUTION PERMITS INCLUDING, BUT NOT LIMITED TO, MOBILE CONCRETE BATCH PLANTS, MOBILE ASPHALT PLANTS, CONCRETE CRUSHERS, AND LARGE GENERATORS.
  - 14. FOR ALL RESTORATION AND DEMOLITION PROJECTS THE CONTRACTOR SHALL SUBMIT NOTIFICATION TO THE OHIO EPA, DIVISION OF AIR POLLUTION CONTROL, TO DETERMINE IF ASBESTOS CORRECTIVE ACTIONS ARE REQUIRED.
  - 15. PROCESS WASTEWATERS (E.G. EQUIPMENT WASHING, LEACHATE ASSOCIATED WITH ON-SITE WASTE DISPOSAL, AND CONCRETE WASHOUTS) SHALL BE COLLECTED AND DISPOSED OF PROPERLY (E.G. TO A PUBLICLY OWNED TREATMENT WORKS).
  - 16. PROTECTED STORAGE AREAS SHALL BE PROVIDED FOR ALL INDUSTRIAL OR CONSTRUCTION MATERIALS TO MINIMIZE EXPOSURE OF SAID MATERIALS TO STORM WATER.
  - 17. AS ALLOWABLE PER PART II.G.2.I OF OHIO EPA GENERAL PERMIT OH-CO00005, THE CONTRACTOR MAY SUBMIT A WAIVER TO REQUEST THE INSPECTION FREQUENCY BE LESS FREQUENT DURING WINTER MONTHS OR WHERE THE SITE WILL BE DORMANT FOR A LONG PERIOD, AS LONG AS THE SITE IS TEMPORARILY STABILIZED.

SILT FENCE

SILT FENCE IS A SEDIMENT-TRAPPING PRACTICE INSTALLED UTILIZING A GEOTEXTILE FENCE, TOPOGRAPHY AND VEGETATION TO CAUSE SEDIMENT DEPOSITION. SILT FENCE REDUCES RUNOFF'S ABILITY TO TRANSPORT SEDIMENT BY PONDING RUNOFF AND DISSIPATING SMALL RILLS OF CONCENTRATED FLOW INTO UNIFORM SHEET FLOW.

SPECIFICATIONS FOR SILT FENCE:

1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
2. ALL SILT SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER IT NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
3. TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.
4. WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
6. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
7. THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE CUT WITH A TRENCHER, CABLE LAYING MACHINE, OR OTHER SUITABLE DEVICE WHICH WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
8. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 6 INCHES OF CLOTH ARE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LIE ON THE BOTTOM OF THE 6 INCH DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED.
9. SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE OVERLAPPED WITH THE END STAKES OF EACH SECTION WRAPPED TOGETHER BEFORE DRIVING INTO THE GROUND.
10. MAINTENANCE-SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR ANY OTHER WAY BECOMES A CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED.

CRITERIA FOR SILT FENCE MATERIALS:

1. FENCE POSTS-THE LENGTH SHALL BE A MINIMUM OF 32 INCHES LONG. WOOD POSTS WILL BE 2-BY-2 INCH HARDWOOD OF SOUND QUALITY. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FEET.
2. SILT FENCE FABRIC (SEE DETAIL)

CONSTRUCTION ENTRANCE

A CONSTRUCTION ENTRANCE IS A STABILIZED PAD OF AGGREGATE OVER A GEOTEXTILE BASE AND IS USED TO REDUCE THE AMOUNT OF MUD TRACKED OFF-SITE WITH CONSTRUCTION TRAFFIC.

SPECIFICATIONS FOR CONSTRUCTION ENTRANCE

1. STONE SIZE-TWO-INCH STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH-THE CONSTRUCTION ENTRANCE SHALL BE AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FEET. (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30-FOOT MINIMUM LENGTH APPLIES).
3. THICKNESS-THE STONE LAYER SHALL BE AT LEAST 6 INCHES THICK.
4. WIDTH-THE ENTRANCE SHALL BE AT LEAST 20 FEET WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. BEDDING-A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 200LB. AND MULLEN BURST STRENGTH OF AT LEAST 190LB.
6. CULVERT-A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
7. WATER BAR-A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
8. MAINTENANCE-TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING AND SWEEPING.
9. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY AREAS.

STORM DRAIN INLET PROTECTION

STORM DRAIN INLET PROTECTION CONSISTS OF A GEOTEXTILE BARRIER SUPPORTED AROUND OR ACROSS A STORM INLET. IT IS USED TO PREVENT SEDIMENT-ADEN WATER FROM ENTERING A STORM DRAIN SYSTEM. IT REDUCES THE RATE AT WHICH SEDIMENT-ADEN WATER MAY ENTER AN INLET, THEREBY CAUSING PONDING AND SETTLING OF SEDIMENT.

SPECIFICATION FOR CURB INLET PROTECTION

1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OF BEFORE THE STORM DRAIN BECOMES OPERATIONAL.
2. THE WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC AND STONE. IT SHALL BE A CONTINUOUS PIECE WITH A MINIMUM WIDTH OF 6" TO 4" LONGER THAN THE THROAT LENGTH OF THE INLET, 2 FEET ON EACH SIDE. GEOTEXTILE FABRIC AND WIRE MESH SHALL BE ANCHORED 2 BEHIND THE CURB WITH EARTH.
3. GEOTEXTILE CLOTH SHALL HAVE THE EQUIVALENT OPENING SIZE (EOS) OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE AT LEAST THE SAME SIZE AS THE WIRE MESH.
4. THE WIRE MESH AND GEOTEXTILE CLOTH SHALL BE FORMED TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB OF BOTH SIDES OF THE INLET.
5. TWO-INCH STONE SHALL BE PLACED OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE CLOTH.

SPECIFICATIONS FOR INLET PROTECTION IN SWALES, DITCH LINES OR YARD INLETS

1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE STORM DRAIN BECOMES OPERATIONAL.
2. THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH AT LEAST 18 INCHES.
3. THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2-BY-4 INCH CONSTRUCTION-GRADE LUMBER. THE 2-BY-4 INCH POSTS SHALL BE DRIVEN 1 FOOT INTO THE GROUND AT THE FOUR CORNERS OF THE INLET AND THE TOP PORTION OF 2-BY-4 INCH FRAME ASSEMBLED USING THE OVERLAP JOINT SHOWN. THE TOP OF THE FRAME SHALL BE AT LEAST 6 INCHES BELOW ADJACENT ROADS IF PONDED WATER WOULD POSE A SAFETY HAZARD TO TRAFFIC.
4. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.
5. GEOTEXTILE SHALL HAVE THE EQUIVALENT OPENING SIZE OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY. IT SHALL EXTEND FROM THE TOP OF THE FRAME TO 18 INCHES BELOW THE INLET NOTCH ELEVATION. THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.
6. BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6 INCH LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES.
7. A COMPACTED EARTH DIKE OR A CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT A DEPRESSION AND RUNOFF BYPASSING THE INLET WILL NOT FLOW TO A SETTING POND. THE TOP OF EARTH DIKES SHALL BE AT LEAST 6 INCHES HIGHER THAN THE TOP OF THE FRAME.

CONSTRUCTION SITE MULCHING

APPLYING A PROTECTIVE LAYER OF MULCH, USUALLY OF STRAW, TO BARE SOIL IS USED TO ABATE EROSION BY SHIELDING IT FROM RAINDROF IMPACT TO HELPING ESTABLISH VEGETATION BY CONSERVING MOISTURE AND CREATING FAVORABLE CONDITIONS FOR SEEDS TO GERMINATE.

SPECIFICATIONS FOR MULCHING

1. MULCH AND/OR OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS PER TIME TABLES ON PREVIOUS SHEET.
2. MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:
  - STRAW-STRAW SHALL BE UNROTTED SMALL GRADE STRAW APPLIED AT THE RATE OF 2.0 TONS PER ACRE OR 90 LB. PER 1,000 SQUARE FEET (TWO TO THREE BALES). THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND SPREAD TWO 45 LB. BALES OF STRAW IN EACH SECTION.
  - HYDROSEEDERS-WOOD CELLULOSE FIBER SHOULD BE USED AT 2,000 LB. PER ACRE OR 46 LB. PER 1,000 SQUARE FEET.
  - OTHER-OTHER ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD CHIPS APPLIED AT 10-20 TONS PER ACRE.
  - 3. MULCH ANCHORING-MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS AND ANCHORING MULCH:
    - MECHANICAL-A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINALLY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 INCHES.
    - MULCHING NETTINGS-USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, FOLLOWING ALL PLACEMENTS AND ANCHORING SUGGESTIONS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
    - SYNTHETIC BINDERS-USE ACCORDING TO THE RATE OF 160 GALLONS PER ACRE (0.1 GAL./SQ.) INTO THE MULCH AS BEING APPLIED ARE AS RECOMMENDED BY THE MANUFACTURER.
    - SYNTHETIC BINDERS-FOR STRAW MULCH, SYNTHETIC BINDER SUCH AS ACRYLIC (AGRI-TAC), DCA-70, PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER.
    - WOOD-CELLULOSE FIBER-WOOD-CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB. PER ACRE. THE WOOD-CELLULOSE FIBER SHALL BE MIXED WITH WATER, AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB. PER 1,000 GALLONS OF WOOD CELLULOSE FIBER.

CONSTRUCTION SITE SEEDING

PERMANENT SEEDING INCLUDES THE SEEDBED PREPARATION, SEEDING, AND THE ESTABLISHMENT OF PERENNIAL VEGETATION USED TO PERMANENTLY STABILIZE SOIL, PREVENT SEDIMENT POLLUTION, REDUCE RUNOFF BY PROMOTING INFILTRATION, AND PROVIDE STORMWATER QUALITY BENEFITS OFFERED BY DENSE VEGETATION.

SPECIFICATIONS FOR PERMANENT SEEDING

SITE PREPARATION

1. A SUBSOILER, PLOW OR OTHER IMPELMENT SHALL BE USED TO REDUCE SOIL COMPACTION AND ALLOW MAXIMUM INFILTRATION. (MAXIMIZING INFILTRATION WILL HELP CONTROL BOTH RUNOFF RATE AND WATER QUALITY.) SUBSOILING SHALL NOT BE DONE ON SLOPE-PRONE AREAS WHERE SOIL PREPARATION SHOULD BE LIMITED TO WHAT IS NECESSARY FOR ESTABLISHING VEGETATION.
2. THE SITE SHALL BE GRADED AS NEEDED TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION AND SEEDING.
3. REOIL SHALL BE APPLIED WHERE NEEDED TO ESTABLISH VEGETATION.

SEEDBED PREPARATION

1. LIME-AGRICULTURAL GROUND LIMESTONE SHALL BE APPLIED TO ACID SOIL AS RECOMMENDED BY A SOIL TEST. IN LIEU OF A SOIL TEST, LIME SHALL BE APPLIED AT THE RATE 100 LB. PER 1,000 SQUARE FEET OR 2 TONS PER ACRE.
2. FERTILIZER-FERTILIZER SHALL BE APPLIED AS RECOMMENDED BY A SOIL TEST. IN LIEU OF A SOIL TEST, FERTILIZER SHALL BE APPLIED AT A RATE OF 12LB. PER 1,000 SQUARE FEET OR 500 LB. PER ACRE OF 10-10-10 OR 12-12-12 ANALYSIS.
3. THE LIME AND FERTILIZER SHALL BE WORKED INTO THE SOIL WITH A DISK HARROW, SPRING-TOOTH HARROW, OR OTHER SUITABLE FIELD IMPELMENT TO A DEPTH OF 3 INCHES. ON SLOPING LAND, THE SOIL SHALL BE WORKED ON THE CONTOUR.

SEEDING DATES AND SOIL CONDITIONS

SEEDING SHOULD BE DONE MARCH 1 TO MAY 31 OR AUGUST 1 TO SEPTEMBER 30. THESE SEEDING DATES ARE IDEAL BUT, WITH THE USE OF ADDITIONAL MULCH AND IRRIGATION, SEEDINGS MAY BE MADE ANY TIME THROUGHOUT THE GROWING SEASON. IN LARGE SEEDBED PREPARATION SHALL BE DONE WHEN THE SOIL IS DRY ENOUGH TO GRIMM AND NOT FORM RIBBONS WHEN COMPRESSED BY HAND. FOR WINTER SEEDING, SEE THE FOLLOWING SECTION ON DORMANT SEEDING.

DORMANT SEEDINGS

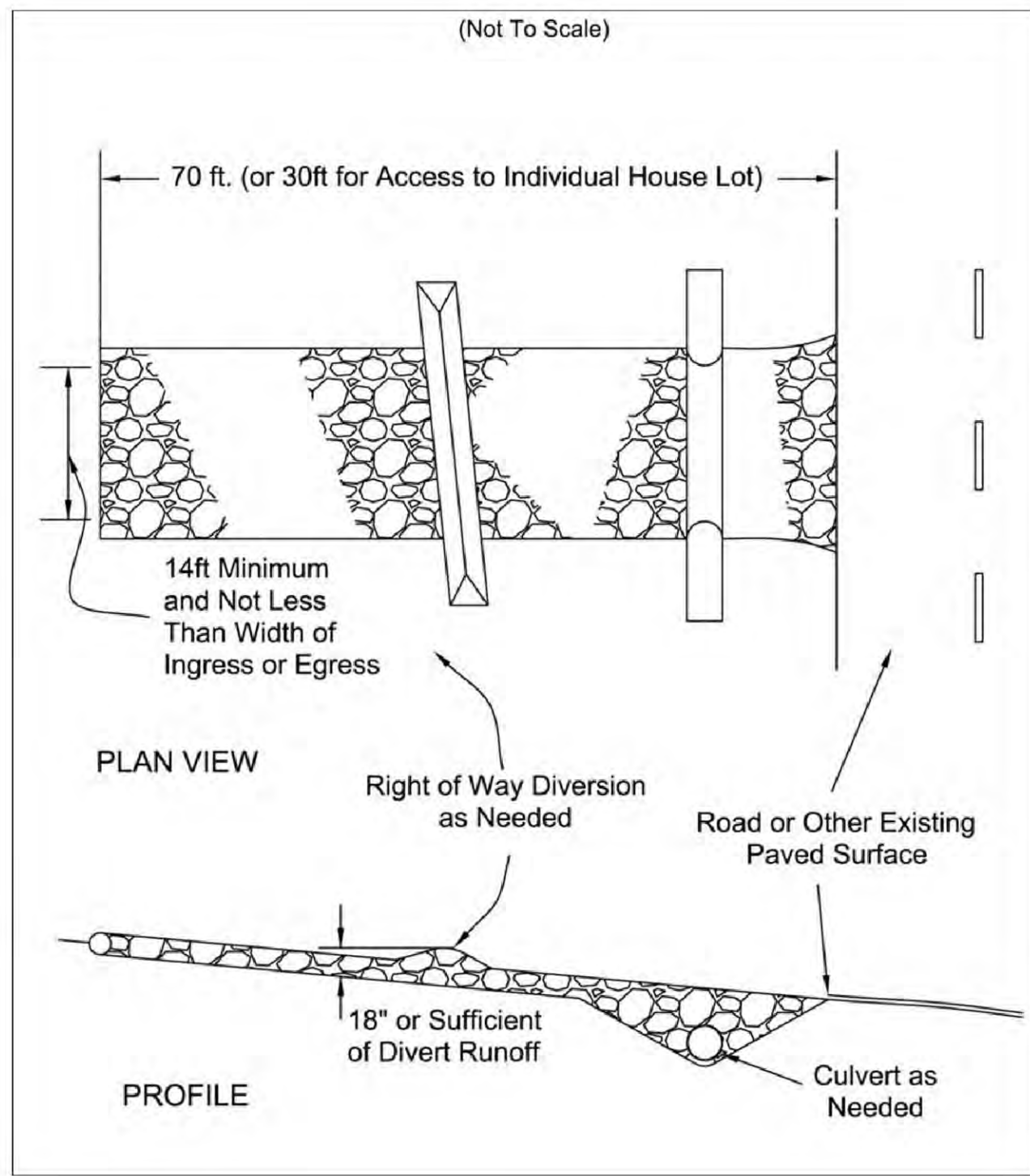
1. SEEDINGS SHALL NOT BE PLANTED FROM OCTOBER 1 THROUGH NOVEMBER 20. DURING THIS PERIOD, THE SEEDS ARE LIKELY TO GERMINATE BUT PROBABLY WILL NOT BE ABLE TO SURVIVE THE WINTER.
2. THE FOLLOWING METHODS MAY BE USED FOR "DORMANT SEEDING":
  - FROM OCTOBER 1 THROUGH NOVEMBER 20, PREPARE THE SEEDBED, ADD THE REQUIRED AMOUNTS OF LIME AND FERTILIZER, THEN MULCH AND ANCHOR.
  - FROM NOVEMBER 20 THROUGH MARCH 15, WHEN SOIL CONDITIONS PERMIT, PREPARE THE SEEDBED, LIME AND FERTILIZER, APPLY THE SELECTED SEED MIXTURE, MULCH AND ANCHOR. INCREASE RATES BY 50% FOR THIS TYPE OF SEEDING.
  - APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDRO-SEEDED (SLURRY MAY INCLUDE SEED AND FERTILIZER) ON A FIRM, MOIST SEEDBED.
  - WHERE FEASIBLE, EXCEPT WHEN A CULTIPACKER TYPE SEEDER IS USED, THE SEEDBED SHOULD BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A CULTIPACKER, ROLLER, OR LIGHT GRAD. ON SLOPING LAND, SEEDING OPERATIONS SHOULD BE ON THE CONTOUR WHERE FEASIBLE.

MULCHING

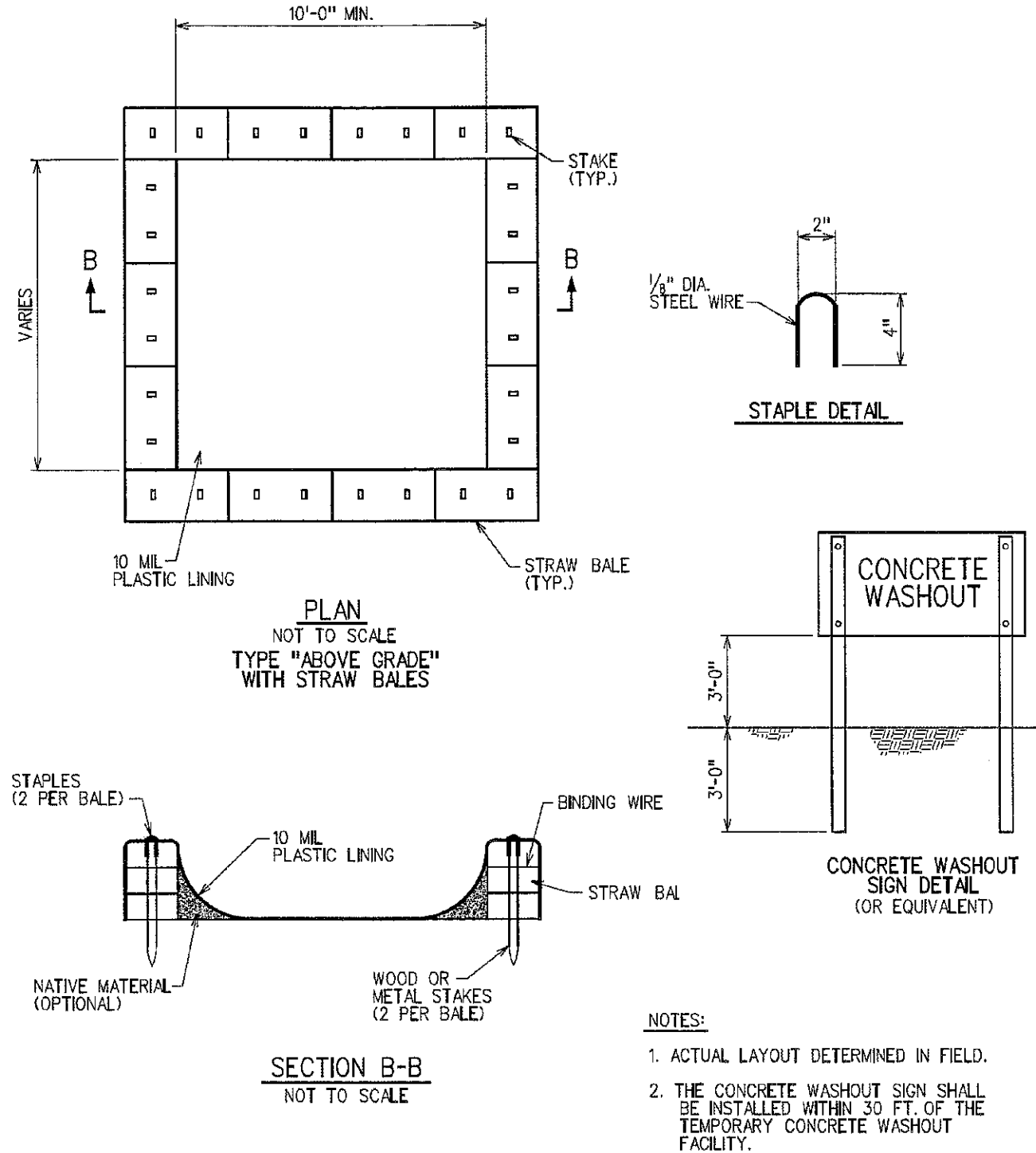
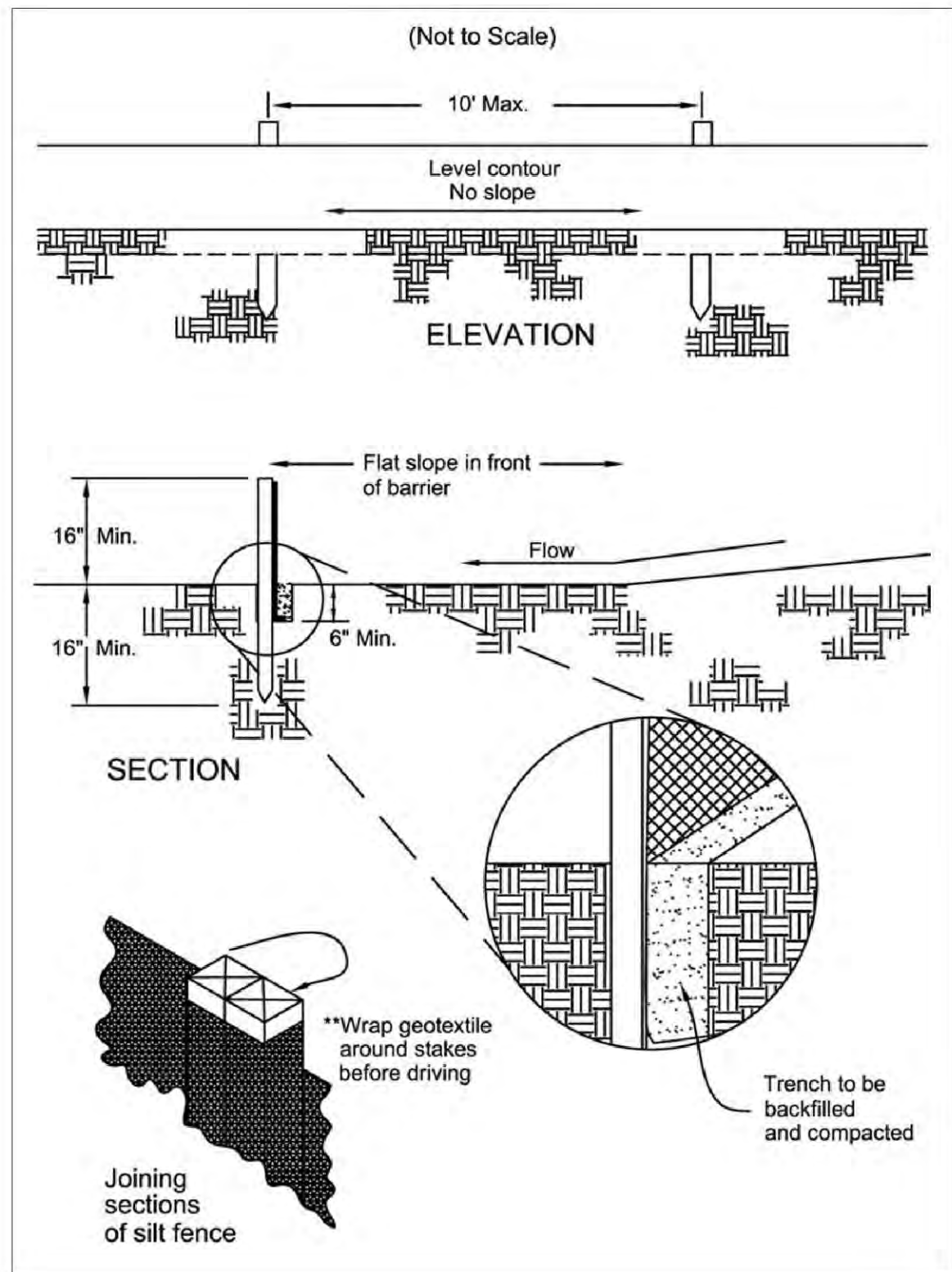
1. MULCH MATERIAL SHALL BE APPLIED IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES AND WITH FAVORABLE SOIL CONDITIONS AND ON VERY FLAT AREAS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION. DORMANT SEEDING SHALL BE MULCHED.
2. MATERIALS:
  - STRAW-F STRAW IS USED, IT SHALL BE UNROTTED SMALL-GRAIN STRAW APPLIED AT THE RATE OF 2 TONS PER ACRE OR 90 LB. PER 1,000 SQUARE FEET (TWO TO THREE BALES). THE MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND SPREAD TWO 45 LB. BALES OF STRAW IN EACH SECTION.
  - HYDROSEEDERS-IF WOOD-CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2,000 LB. PER ACRE OR 46 LB. PER 1,000 SQUARE FEET.
  - OTHER-OTHER ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD CHIPS APPLIED AT 6 TONS PER ACRE.
  - 3. STRAW MULCH ANCHORING METHODS - STRAW MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER.
    -



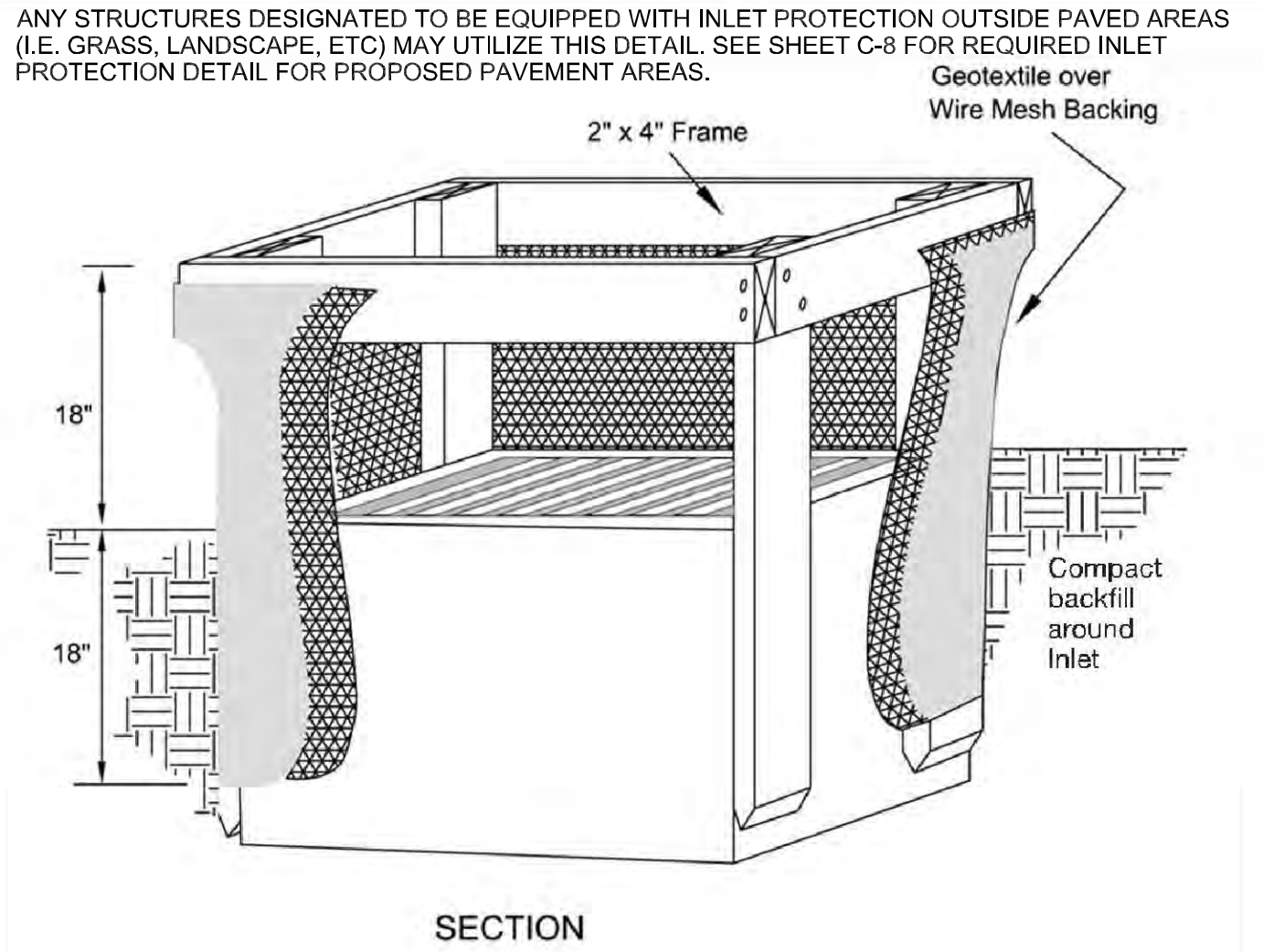
### Construction Entrance



### Silt Fence



### Geotextile Inlet Protection



### Construction Entrance

- Stone Size—ODOT # 2 (1.5-2.5 inch) stone shall be used, or recycled concrete equivalent.
- Length—The Construction entrance shall be as long as required to stabilize high traffic areas but not less than 70 ft. (exception: apply 30 ft. minimum to single residence lots).
- Thickness -The stone layer shall be at least 6 inches thick for light duty entrances or at least 10 inches for heavy duty use.
- Width -The entrance shall be at least 14 feet wide, but not less than the full width at points where ingress or egress occurs.
- Geotextile -A geotextile shall be laid over the entire area prior to placing stone. It shall be composed of strong rot-proof polymeric fibers and meet the following specifications:
- Timing—The construction entrance shall be installed as soon as is practicable before major grading activities.
- Culvert -A pipe or culvert shall be constructed under the entrance if needed to prevent surface water from flowing across the entrance or to prevent runoff from being directed out onto paved surfaces.
- Water Bar -A water bar shall be constructed as part of the construction entrance if needed to prevent surface runoff from flowing the length of the construction entrance and out onto paved surfaces.
- Maintenance -Top dressing of additional stone shall be applied as conditions demand. Mud spilled, dropped, washed or tracked onto public roads, or any surface where runoff is not checked by sediment controls, shall be removed immediately. Removal shall be accomplished by scraping or sweeping.
- Construction entrances shall not be relied upon to remove mud from vehicles and prevent off-site tracking. Vehicles that enter and leave the construction-site shall be restricted from muddy areas.
- Removal—The entrance shall remain in place until the disturbed area is stabilized or replaced with a permanent roadway or entrance.

Figure 7.4.1

Geotextile Specification for Construction Entrance		
Minimum Tensile Strength	200 lbs.	
Minimum Puncture Strength	80 psi.	
Minimum Tear Strength	50 lbs.	
Minimum Burst Strength	320 psi.	
Minimum Elongation	20%	
Equivalent Opening Size	EOS < 0.6 mm.	
Permeability	1 x 10 <sup>-3</sup> cm/sec.	

### Silt Fence

- Silt fence shall be constructed before upslope land disturbance begins.
- All silt fence shall be placed as close to the contour as possible so that water will not concentrate at low points in the fence and so that small swales or depressions that may carry small concentrated flows to the silt fence are dissipated along its length.
- Ends of the silt fences shall be brought upslope slightly so that water ponded by the silt fence will be prevented from flowing around the ends.
- Silt fence shall be placed on the flattest area available.
- Where possible, vegetation shall be preserved for 5 feet (or as much as possible) upslope from the silt fence. If vegetation is removed, it shall be reestablished within 7 days from the installation of the silt fence.
- The height of the silt fence shall be a minimum of 16 inches above the original ground surface.
- The silt fence shall be placed in an excavated or sliced trench out a minimum of 6 inches deep. The trench shall be made with a trencher, cable laying machine, slicing machine, or other suitable device that will ensure an adequately uniform trench depth.
- The silt fence shall be placed with the stakes on the downslope side of the geotextile. A minimum of 8 inches of geotextile must be below the ground surface. Excess material shall lay on the bottom of the 6-inch deep trench. The trench shall be backfilled and compacted on both sides of the fabric.
- Seams between sections of silt fence shall be spliced together only at a support post with a minimum 6-in. overlap prior to driving into the ground. (see details).
- Maintenance—Silt fence shall allow runoff to pass only as diffuse flow through the geotextile. If runoff overtops the silt fence, flows under the fabric or around the fence ends, or in any other way allows a concentrated flow discharge, one of the following shall be performed, as appropriate: 1) the layout of the silt fence shall be changed, 2) accumulated sediment shall be removed, or 3) other practices shall be installed.

Sediment deposits shall be routinely removed when the deposit reaches approximately one-half of the height of the silt fence.

Silt fences shall be inspected after each rainfall and at least daily during a prolonged rainfall. The location of existing silt fence shall be reviewed daily to ensure its proper location and effectiveness. If damaged, the silt fence shall be repaired immediately.

#### Criteria for silt fence materials

- Fence post—The length shall be a minimum of 32 inches. Wood posts will be 2-by-2-in. nominal dimensioned hardwood of sound quality. They shall be free of knots, splits and other visible imperfections, that will weaken the posts. The maximum spacing between posts shall be 10 ft. Posts shall be driven a minimum 16 inches into the ground, where possible. If not possible, the posts shall be adequately secured to prevent overturning of the fence due to sediment/water loading.
- Silt fence fabric—See chart below.

Table 6.3.2 Minimum criteria for Silt Fence Fabric (ODOT, 2002)

FABRIC PROPERTIES	VALUES	TEST METHOD
Minimum Tensile Strength	120 lbs. (535 N)	ASTM D 4632
Maximum Elongation at 60 lbs	50%	ASTM D 4632
Minimum Puncture Strength	50 lbs (220 N)	ASTM D 4833
Minimum Tear Strength	40 lbs (180 N)	ASTM D 4533
Apparent Opening Size	≤ 0.84 mm	ASTM D 4751
Minimum Permeability	1X10 <sup>-2</sup> sec.-1	ASTM D 4481
UV Exposure Strength Retention	70%	ASTM G 4355

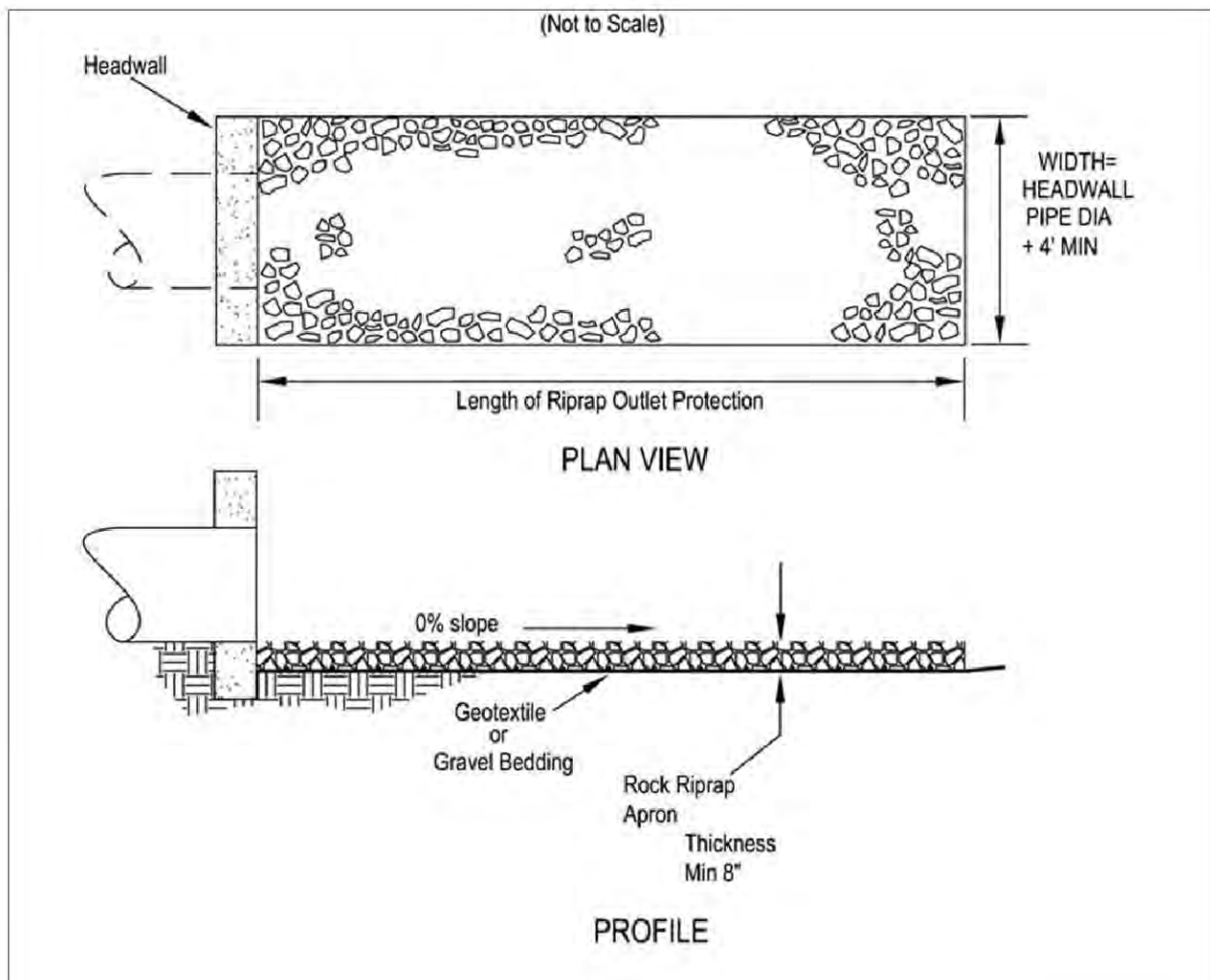
#### ONSITE TEMPORARY CONCRETE WASHOUT FACILITY, TRANSIT TRUCK WASHOUT PROCEDURES

- TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE LOCATED A MINIMUM OF 50 FT. FROM STORM DRAIN INLETS, OPEN DRAINAGE FACILITIES, AND WATERCOURSES. EACH FACILITY SHOULD BE LOCATED AWAY FROM CONSTRUCTION TRAFFIC OR ACCESS AREAS TO PREVENT DISTURBANCE OR TRACKING.
- A SIGN SHOULD BE INSTALLED ADJACENT TO EACH WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES.
- TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE CONSTRUCTED ABOVE GRADE OR BELOW GRADE AT THE OPTION OF THE CONTRACTOR. TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
- TEMPORARY WASHOUT FACILITIES SHOULD HAVE A TEMPORARY PIT OR BERMED AREAS OF SUFFICIENT VOLUME TO COMPLETELY CONTAIN ALL LIQUID AND WASTE CONCRETE MATERIALS GENERATED DURING WASHOUT PROCEDURES.
- WASHOUT OF CONCRETE TRUCKS SHOULD BE PERFORMED IN DESIGNATED AREAS ONLY.
- ONLY CONCRETE FROM MIXER TRUCK CHUTES SHOULD BE WASHED INTO CONCRETE WASH OUT.
- CONCRETE WASHOUT FROM CONCRETE PUMPER BINS CAN BE WASHED INTO CONCRETE PUMPER TRUCKS AND DISCHARGED INTO DESIGNATED WASHOUT AREA OR PROPERLY DISPOSED OF OFFSITE.
- ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF OFFSITE IN A LEGAL MANNER. DISPOSE OF HARDENED CONCRETE ON A REGULAR BASIS.
- TEMPORARY CONCRETE WASHOUT FACILITY (TYPE ABOVE GRADE)
  - TEMPORARY WASHOUT FACILITY (TYPE ABOVE GRADE) SHOULD BE CONSTRUCTED AS SHOWN IN THE DETAILS ON THIS SHEET, WITH A RECOMMENDED MINIMUM LENGTH AND MINIMUM WIDTH OF 10 FT. BUT WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
  - STRAW BALES, WOOD STAKES, AND SANDBAG MATERIALS SHOULD CONFORM TO THE PROVISIONS IN THE EROSION AND SEDIMENT CONTROL PLAN.
  - PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
- TEMPORARY CONCRETE WASHOUT FACILITY (TYPE BELOW GRADE)
  - TEMPORARY WASHOUT FACILITY (TYPE BELOW GRADE) SHOULD BE CONSTRUCTED AS SHOWN IN THE DETAILS ON THIS SHEET, WITH A RECOMMENDED MINIMUM LENGTH AND MINIMUM WIDTH OF 10 FT. BUT WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
  - LATH AND FLAGGING SHOULD BE COMMERCIAL TYPE.
  - PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.

#### REMOVAL OF TEMPORARY CONCRETE WASHOUT FACILITIES

- WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHOULD BE REMOVED AND DISPOSED OF MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF.
- HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE BACKFILLED AND REPAIRED.

### Rock Outlet Protection



- Subgrade for the filter or bedding and riprap shall be prepared to the required lines and grades as shown on the plan. The subgrade shall be cleared of all trees, stumps, roots, sod, loose rock, or other material.
- Riprap shall conform to the grading limits as shown on the plan.
- Geotextile shall be securely anchored according to manufacturers' recommendations.
- Geotextile shall be laid with the long dimension parallel to the direction of flow and shall be laid loosely but without wrinkles and creases. Where joints are necessary, strips shall be placed to provide a 12-in. minimum overlap, with the upstream strip overlapping the downstream strip.
- Gravel bedding shall be ODOT No. 67's or 57's unless shown differently on the drawings.
- Riprap may be placed by equipment but shall be placed in a manner to prevent slippage or damage to the geotextile.
- Riprap shall be placed by a method that does not cause segregation of sizes. Extensive pushing with a dozer causes segregation and shall be avoided by delivering riprap near its final location within the channel.
- Construction shall be sequenced so that outlet protection is placed and functional when the storm drain, culvert, or open channel above it becomes operational.
- All disturbed areas will be vegetated as soon as practical.

REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
OWNER REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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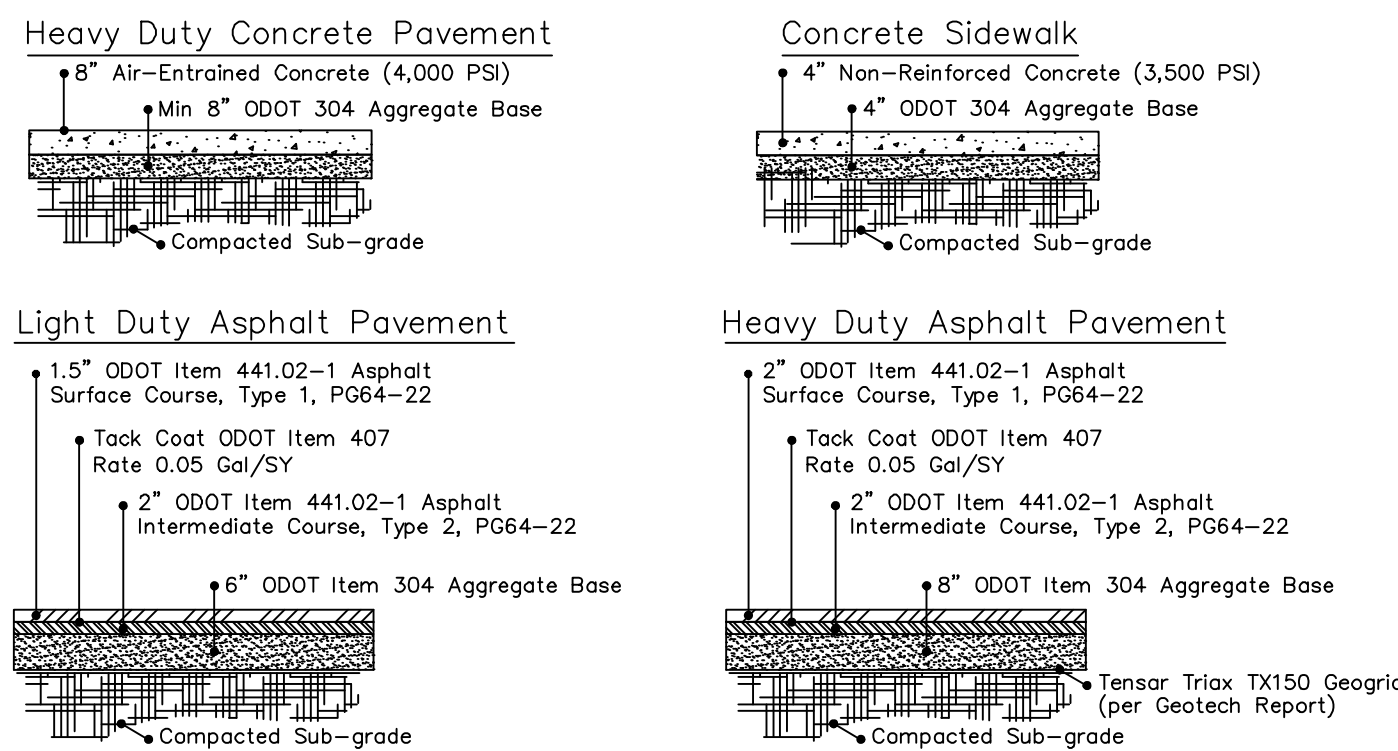
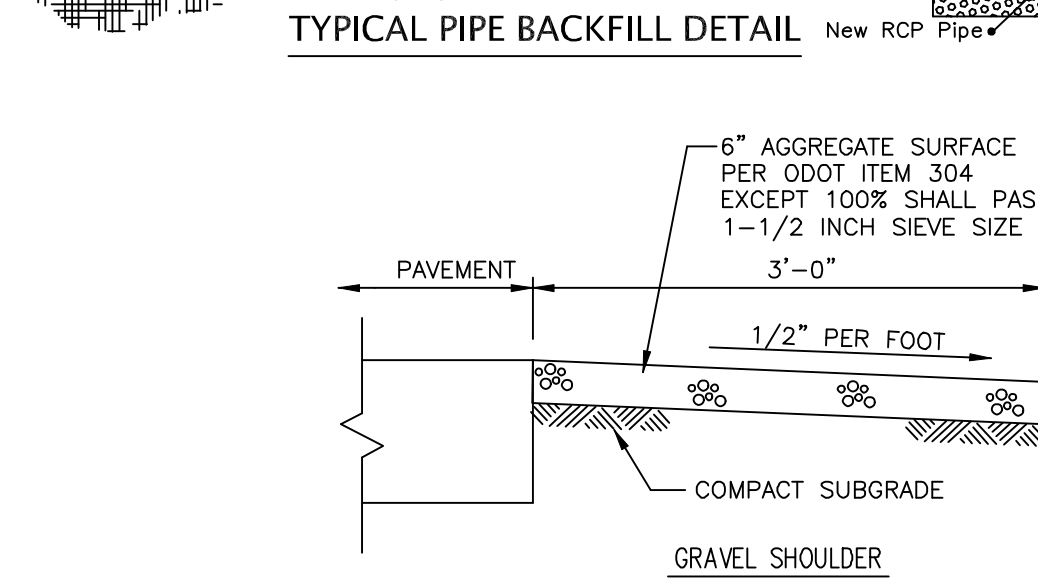
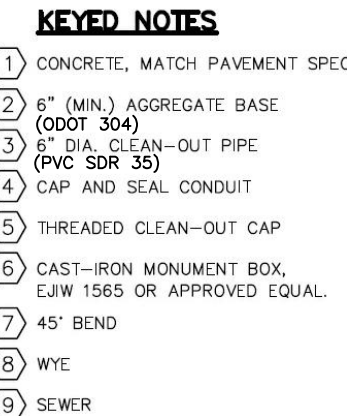
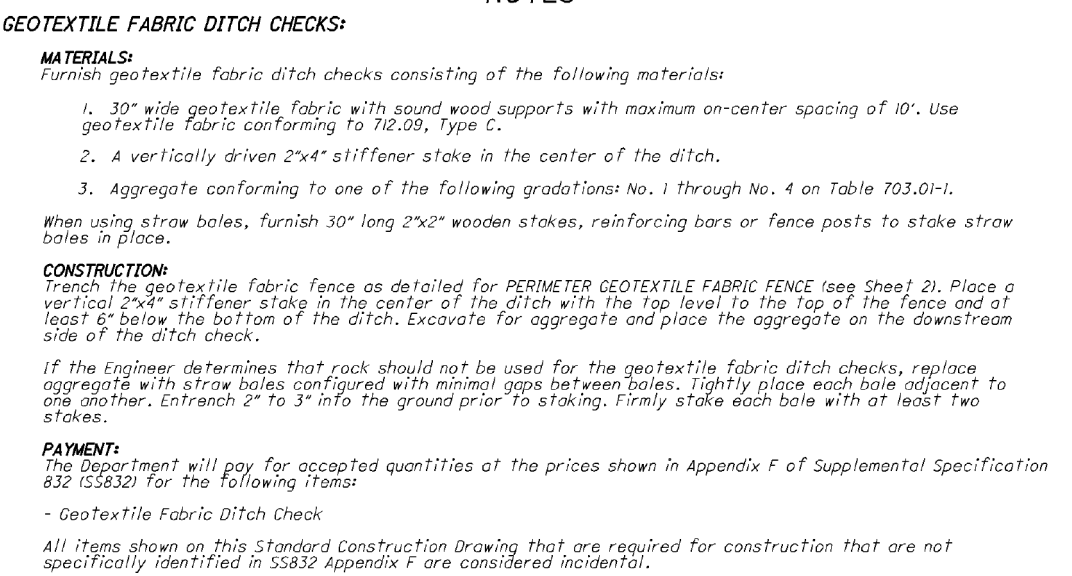
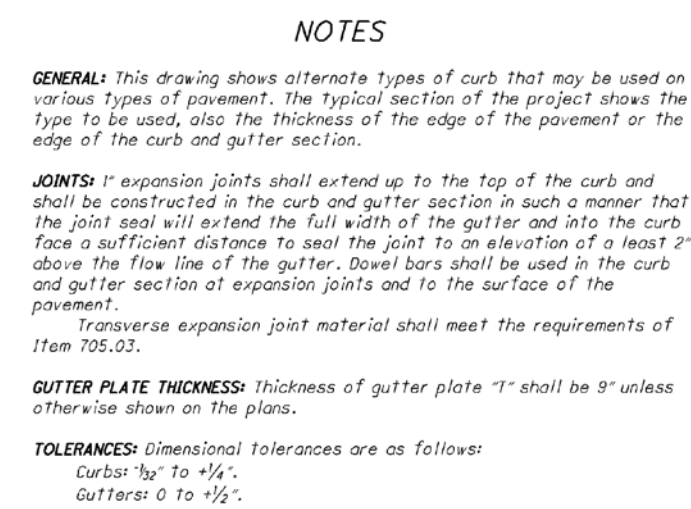
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SWPPP DETAILS  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE: JAN 2023  
DRAWN BY: DRF  
JOB No.: 22-2328  
SCALE: N/A

SHEET  
C-12





GENERAL NOTES & CONSTRUCTION DETAILS  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

SHEET  
C-13

## GENERAL NOTES & CONSTRUCTION DETAILS



Various diagrams showing pipe end treatments and anchor bolt options for circular, metal pipe-arch, and plastic & metal pipe profiles. Includes a table for CAST-IN-PLACE HW FOR CORRUGATED METAL PIPE & PLASTIC PIPE (English) with columns for D, H, T, CORR., SPAN, RISE, and PIPE ARCH.

Diagrams for ANCHOR CABLE DETAIL, METAL PIPE END TREATMENT "B" W/ ANCHOR CABLE OPTION, and METAL PIPE END TREATMENT "A" W/ ANCHOR CABLE OPTION. Includes notes on top surface of 6" inlet headwall extension and anchor cable details.

Diagrams for CATCH BASINS No. 2-3 & No. 2-4, showing SECTION A-A, SECTION B-B, and SECTION C-C. Includes notes on grate, flow line, and precast base details.

Diagrams for PLASTIC & METAL PIPE END TREATMENT "A" W/ ANCHOR CABLE EYE BOLT OPTION, ANCHOR CABLE DETAIL FOR EYEBOLT OPTION, and METAL PIPE END TREATMENT "B" W/ ANCHOR CABLE EYE BOLT OPTION. Includes notes on drill opening and cable length.

Diagrams for ANCHOR BOLT, INLET CHANNEL PROTECTION DETAIL, and OUTLET CHANNEL PROTECTION DETAIL. Includes notes on reinforcement and concrete details.

Diagrams for SECTION VIEWS OF REINFORCED PRECAST MANHOLES, showing 60" to 108" PRECAST BASE and 48" PRECAST BASE. Includes notes on alternate corner detail and section views.

Diagrams for CATCH BASIN No. 2-2A, showing SECTION A-A, SECTION B-B, and SECTION C-C. Includes notes on grate, flow line, and precast base details.

Diagrams for CATCH BASIN No. 2-2B and CATCH BASIN No. 2-2C, showing SECTION A-A, SECTION B-B, and SECTION C-C. Includes notes on grate, flow line, and precast base details.

Diagrams for MANHOLE NO. 3 W/ BASE I.D. AND WEIR, showing SECTION A-A, SECTION B-B, and SECTION C-C. Includes notes on grate, flow line, and precast base details.

Table with 2 columns: REVISIONS, DATE. Rows for INITIAL SUBMITTAL, OWNER REVIEW, CITY SUBMITTAL.

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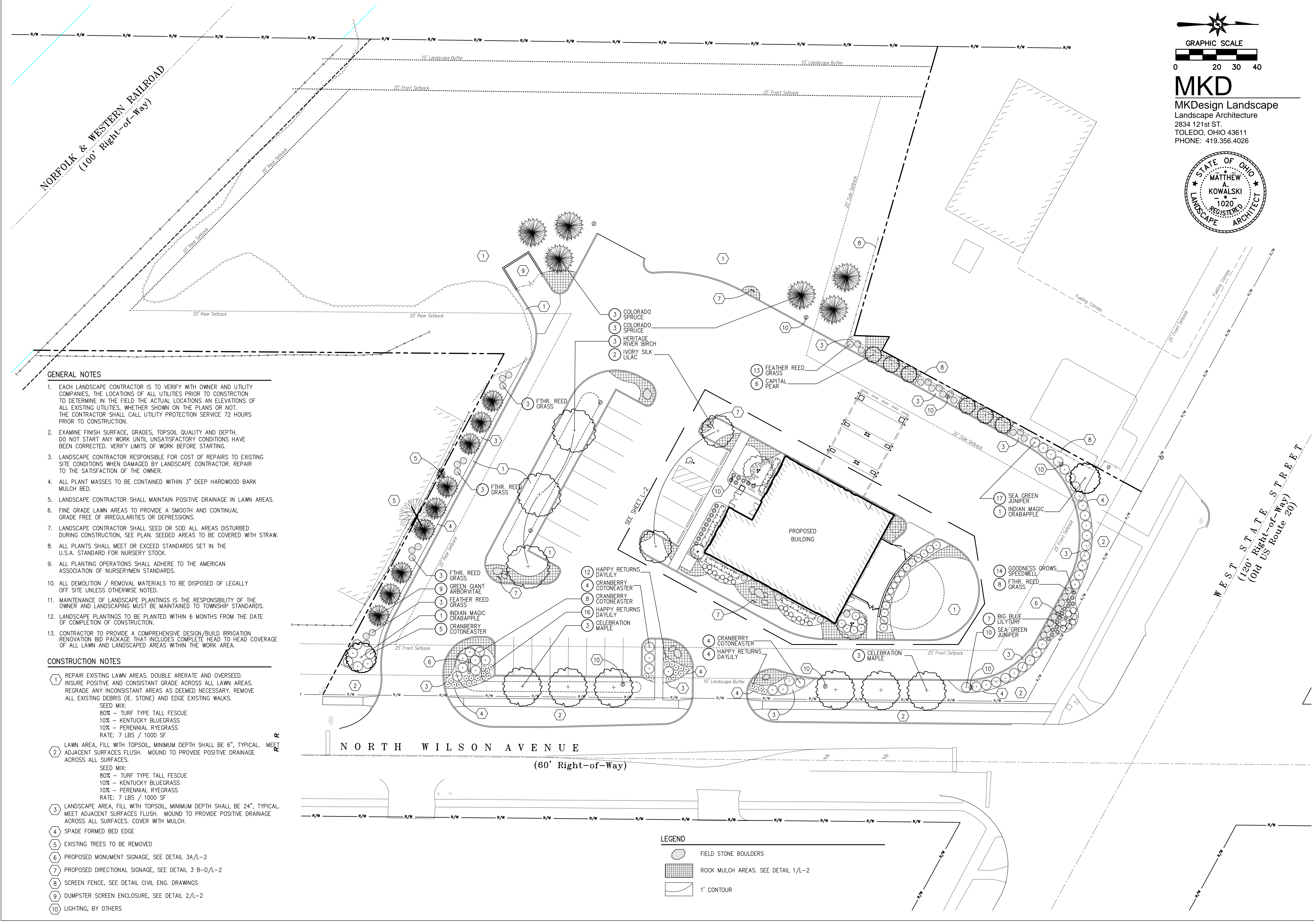
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GENERAL NOTES & CONSTRUCTION DETAILS  
GENOA BANK COMPANY  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

Table with 2 columns: DATE, DRAWN BY. Rows for JAN 2023, DRF, 22-2328, N/A.

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GENERAL NOTES

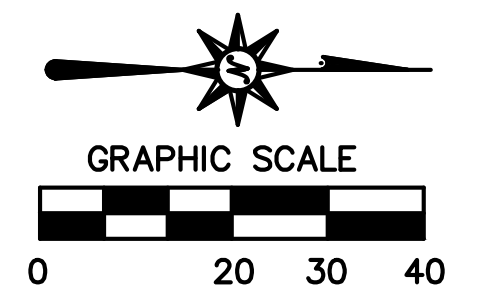
- 1. EACH LANDSCAPE CONTRACTOR IS TO VERIFY WITH OWNER AND UTILITY COMPANIES, THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE IN THE FIELD THE ACTUAL LOCATIONS AN ELEVATIONS OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL CALL UTILITY PROTECTION SERVICE 72 HOURS PRIOR TO CONSTRUCTION.
- 2. EXAMINE FINISH SURFACE, GRADES, TOPSOIL QUALITY AND DEPTH. DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. VERIFY LIMITS OF WORK BEFORE STARTING.
- 3. LANDSCAPE CONTRACTOR RESPONSIBLE FOR COST OF REPAIRS TO EXISTING SITE CONDITIONS WHEN DAMAGED BY LANDSCAPE CONTRACTOR. REPAIR TO THE SATISFACTION OF THE OWNER.
- 4. ALL PLANT MASSES TO BE CONTAINED WITHIN 3" DEEP HARDWOOD BARK MULCH BED.
- 5. LANDSCAPE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE IN LAWN AREAS.
- 6. FINE GRADE LAWN AREAS TO PROVIDE A SMOOTH AND CONTINUAL GRADE FREE OF IRREGULARITIES OR DEPRESSIONS.
- 7. LANDSCAPE CONTRACTOR SHALL SEED OR SOD ALL AREAS DISTURBED DURING CONSTRUCTION, SEE PLAN. SEEDED AREAS TO BE COVERED WITH STRAW.
- 8. ALL PLANTS SHALL MEET OR EXCEED STANDARDS SET IN THE U.S.A. STANDARD FOR NURSERY STOCK.
- 9. ALL PLANTING OPERATIONS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERMEN STANDARDS.
- 10. ALL DEMOLITION / REMOVAL MATERIALS TO BE DISPOSED OF LEGALLY OFF SITE UNLESS OTHERWISE NOTED.
- 11. MAINTENANCE OF LANDSCAPE PLANTINGS IS THE RESPONSIBILITY OF THE OWNER AND LANDSCAPING MUST BE MAINTAINED TO TOWNSHIP STANDARDS.
- 12. LANDSCAPE PLANTINGS TO BE PLANTED WITHIN 6 MONTHS FROM THE DATE OF COMPLETION OF CONSTRUCTION.
- 13. CONTRACTOR TO PROVIDE A COMPREHENSIVE DESIGN/BUILD IRRIGATION RENOVATION BID PACKAGE THAT INCLUDES COMPLETE HEAD TO HEAD COVERAGE OF ALL LAWN AND LANDSCAPED AREAS WITHIN THE WORK AREA.

CONSTRUCTION NOTES

- 1 REPAIR EXISTING LAWN AREAS. DOUBLE ARERATE AND OVERSEED. INSURE POSITIVE AND CONSISTANT GRADE ACROSS ALL LAWN AREAS. REGRADE ANY INCONSISTANT AREAS AS DEEMED NECESSARY. REMOVE ALL EXISTING DEBRIS (I.E. STONE) AND EDGE EXISTING WALKS.  
SEED MIX:  
80% - TURF TYPE TALL FESCUE  
10% - KENTUCKY BLUEGRASS  
10% - PERENNIAL RYEGRASS  
RATE: 7 LBS / 1000 SF
- 2 LAWN AREA, FILL WITH TOPSOIL, MINIMUM DEPTH SHALL BE 6", TYPICAL. MEET ADJACENT SURFACES FLUSH. MOUND TO PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.  
SEED MIX:  
80% - TURF TYPE TALL FESCUE  
10% - KENTUCKY BLUEGRASS  
10% - PERENNIAL RYEGRASS  
RATE: 7 LBS / 1000 SF
- 3 LANDSCAPE AREA, FILL WITH TOPSOIL, MINIMUM DEPTH SHALL BE 24", TYPICAL. MEET ADJACENT SURFACES FLUSH. MOUND TO PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES. COVER WITH MULCH.
- 4 SPADE FORMED BED EDGE
- 5 EXISTING TREES TO BE REMOVED
- 6 PROPOSED MONUMENT SIGNAGE, SEE DETAIL 3A/L-2
- 7 PROPOSED DIRECTIONAL SIGNAGE, SEE DETAIL 3 B-D/L-2
- 8 SCREEN FENCE, SEE DETAIL CIVIL ENG. DRAWINGS
- 9 DUMPSTER SCREEN ENCLOSURE, SEE DETAIL 2/L-2
- 10 LIGHTING, BY OTHERS

LEGEND

- FIELD STONE BOULDERS
- ROCK MULCH AREAS. SEE DETAIL 1/L-2
- 1' CONTOUR



**MKD**  
MKDesign Landscape  
Landscape Architecture  
2834 121st ST.  
TOLEDO, OHIO 43611  
PHONE: 419.356.4026



REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
PRELIM REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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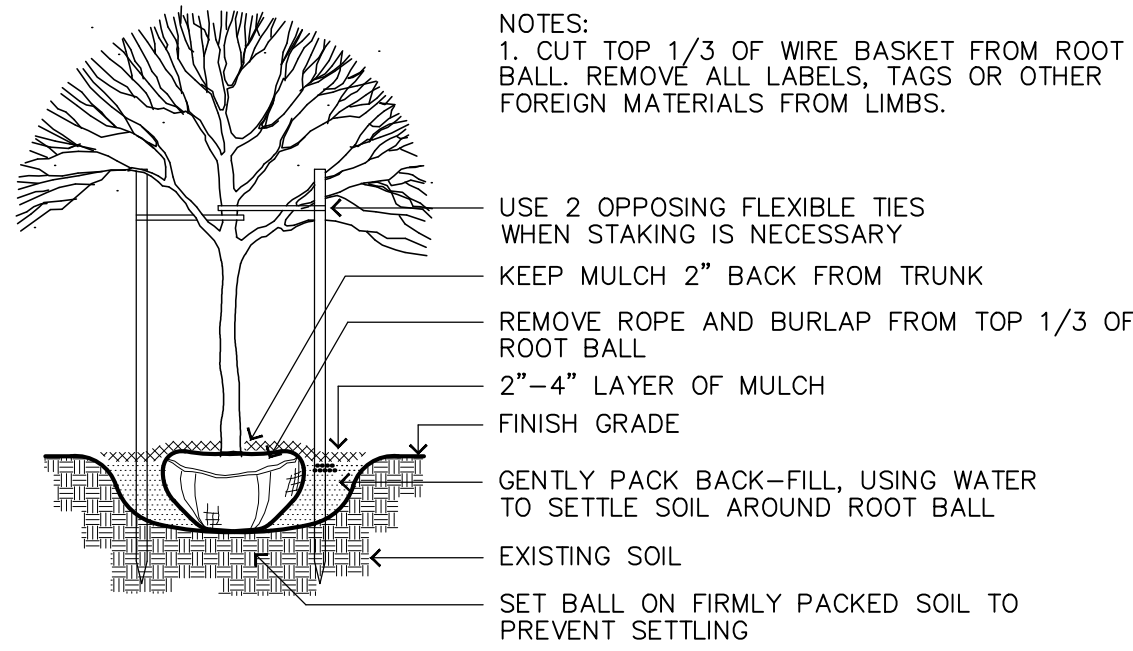
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**DIMENSIONAL SITE PLAN**  
**GENOA BANK COMPANY**  
1701 WEST STATE STREET  
CITY OF FREMONT, SANDUSKY COUNTY, OHIO

DATE: FEB 2023  
DRAWN BY: MAK  
JOB No.: 22-2328  
SCALE: 1"= 30'

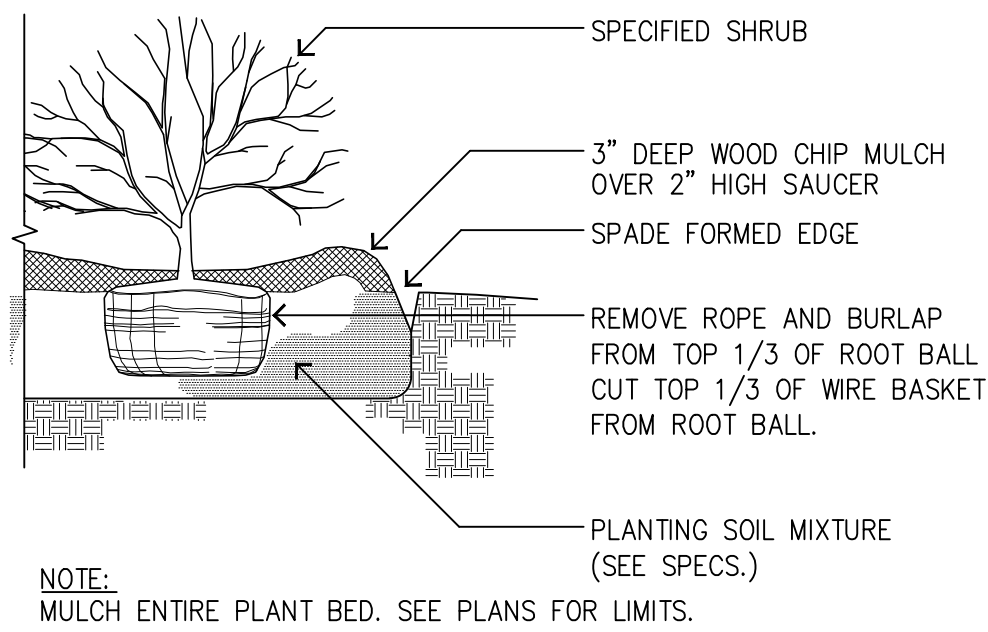
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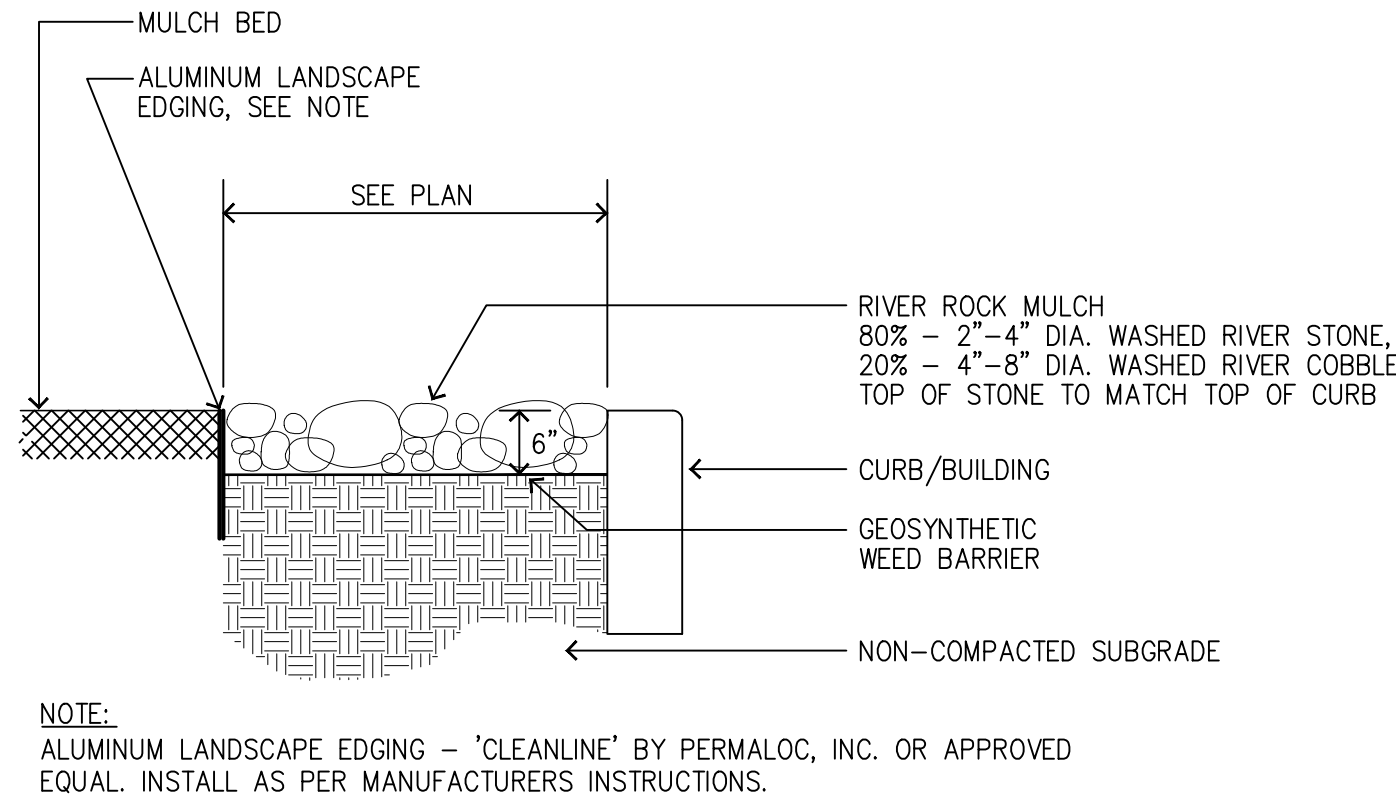
## A TREE PLANTING

NTS



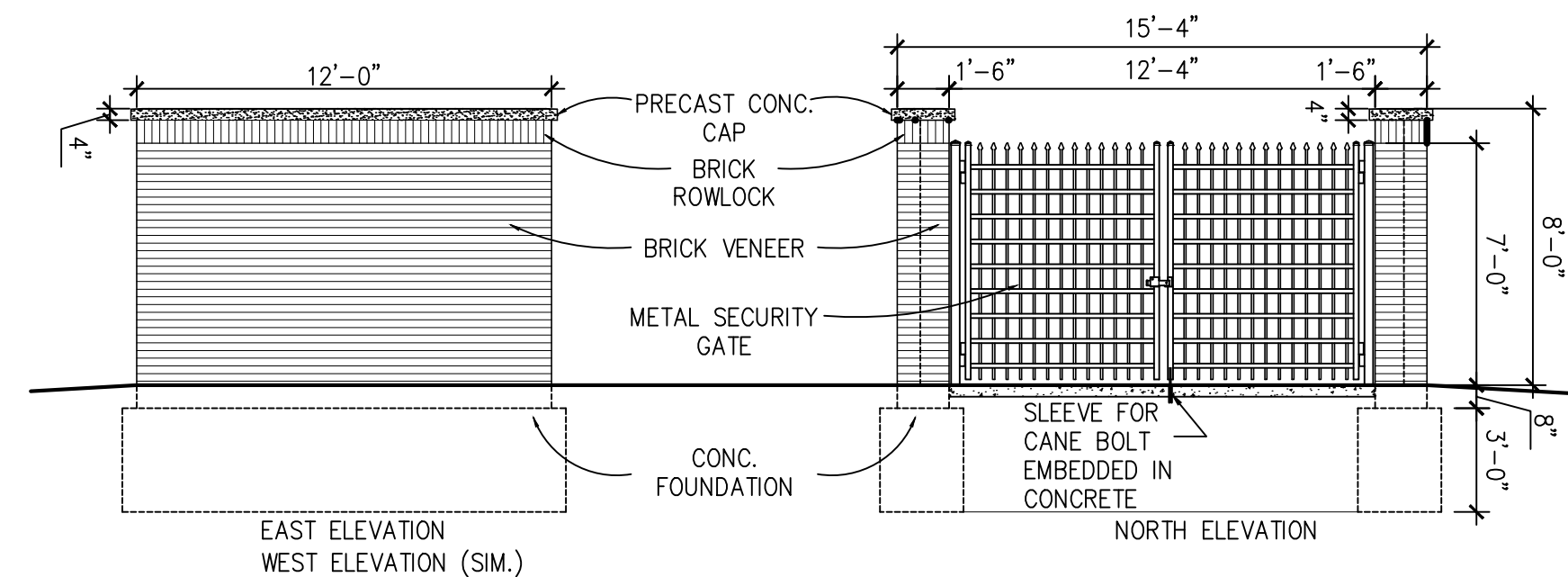
## B SHRUB PLANTING

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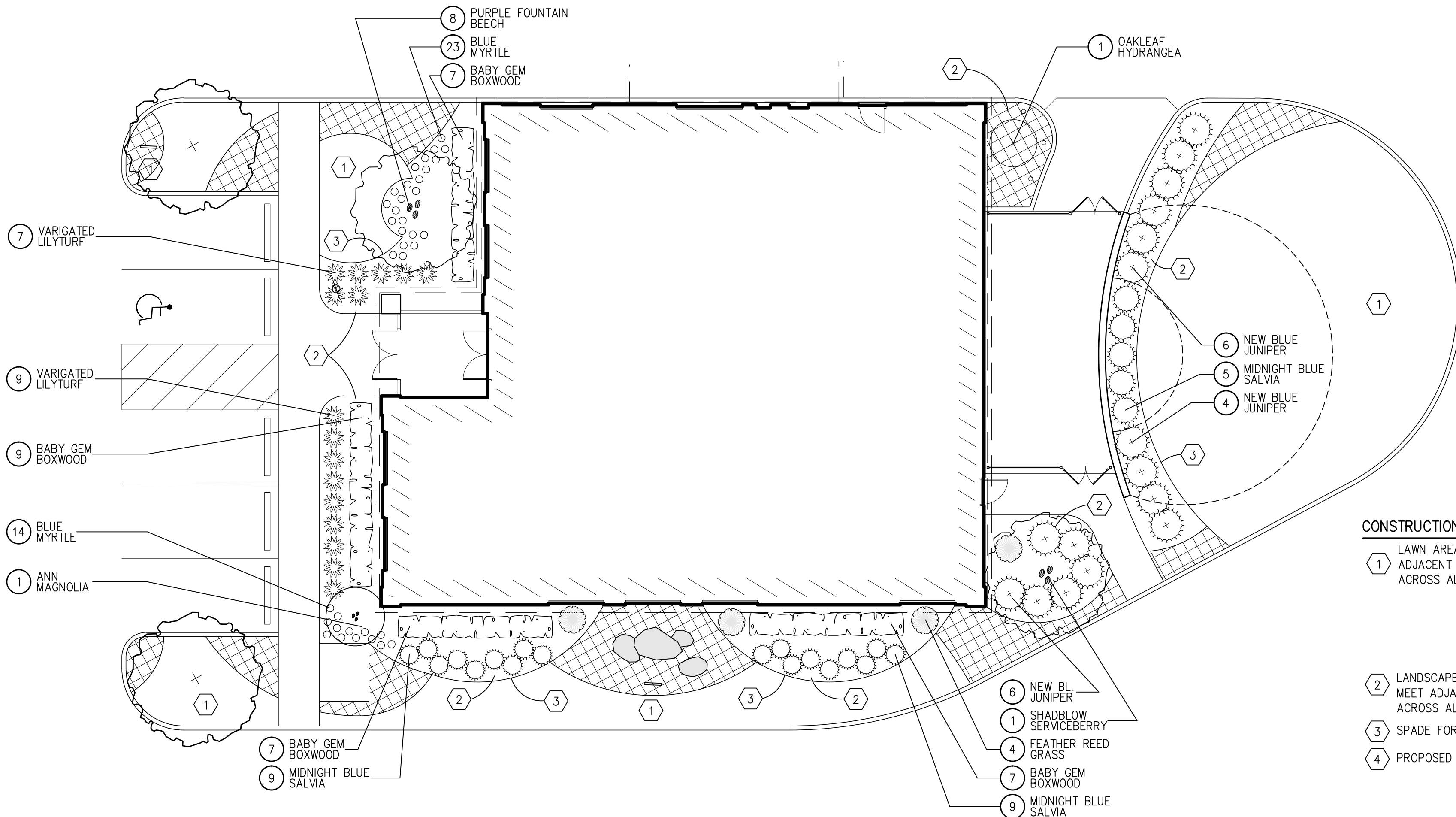
## 1 RIVER ROCK MULCH

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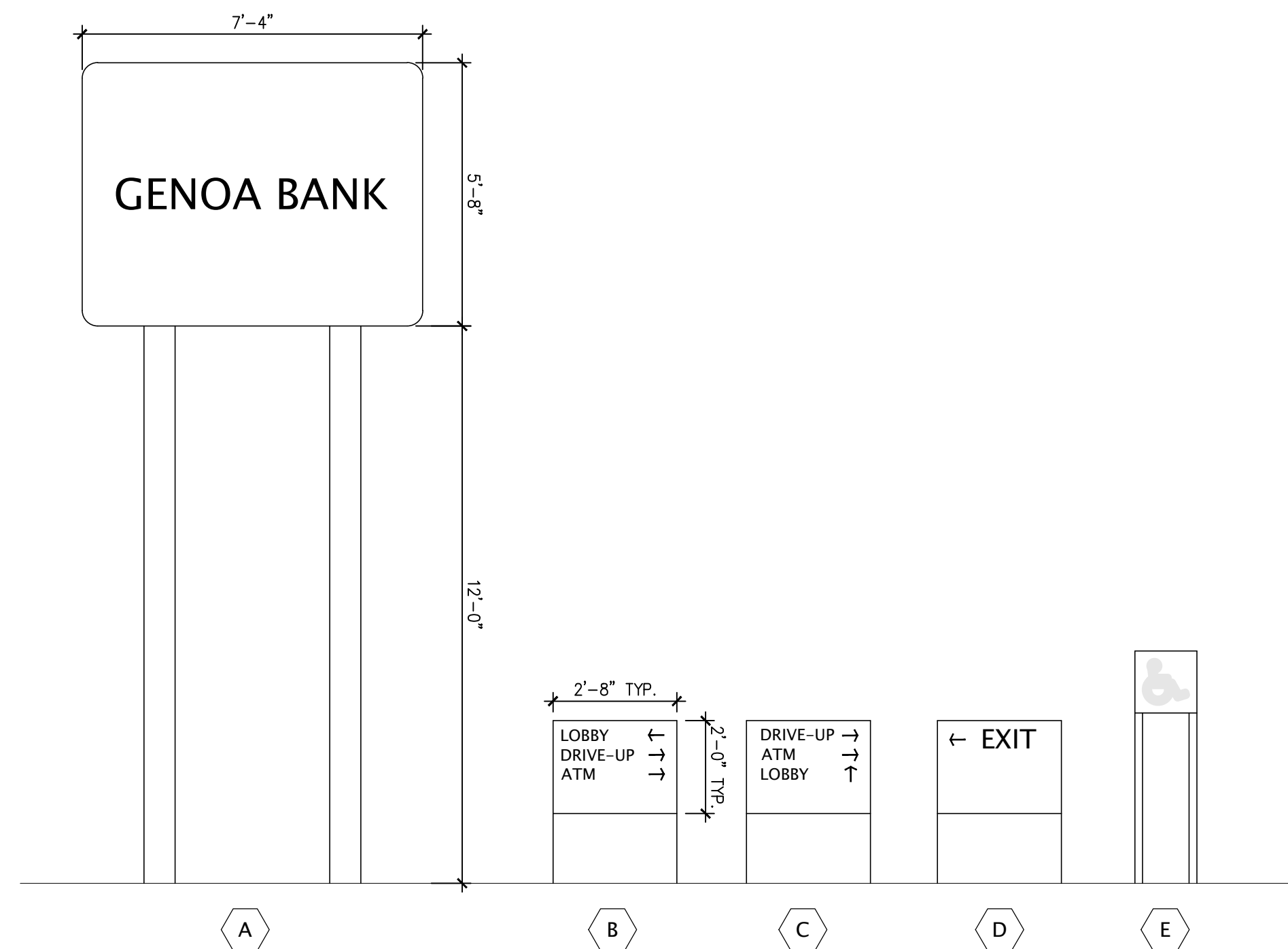


## 2 DUMPSTER ENCLOSURE SCREEN

NTS



## BUILDING PLANTING



NOTES: 1. ALL SIGNS BY OWNER  
2. NO DIRECTIONAL SIGN SHALL BE GREATER THAN 9 SQ.FT.

## 3 SIGN ELEVATIONS

NTS

# MKD

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2834 121st ST.  
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## CONSTRUCTION NOTES

- 1 LAWN AREA, FILL WITH TOPSOIL, MINIMUM DEPTH SHALL BE 6", TYPICAL. MEET ADJACENT SURFACES FLUSH. MOUND TO PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.
- SEED MIX:  
80% - TURF TYPE TALL FESCUE  
10% - KENTUCKY BLUEGRASS  
10% - PERENNIAL RYEGRASS  
RATE: 7 LBS / 1000 SF
- 2 LANDSCAPE AREA, FILL WITH TOPSOIL, MINIMUM DEPTH SHALL BE 24", TYPICAL. MEET ADJACENT SURFACES FLUSH. MOUND TO PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES. COVER WITH RIVER ROCK MULCH, DET. C/L-2
- 3 SPADE FORMED BED EDGE
- 4 PROPOSED DIRECTIONAL SIGNAGE, SEE DETAIL X/L-2

## PLANT LIST, SHEET L-1

QTY.	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	REMARKS
TREES					
6	CELEBRATION MAPLE	Acer x freemanii 'Celzam'	2" CAL.	B&B	22.5' O.C.
3	HERITAGE RIVER BIRCH	Betula nigra 'Heritage'	8'-10' HT.	B&B	35' O.C.
6	COLORADO SPRUCE	Picea pungens	8' HT.	B&B	AS SHOWN
6	CAPITAL PEAR	Pyrus calleryana 'Capital'	2" CAL.	B&B	10' O.C.
2	INDIAN MAGIC CRABAPPLE	Malus 'Indian Magic'	1-1/2" CAL.	B&B	.
9	GREEN GIANT ARBORVITAE	Thuja plicata 'Green Giant'	8' HT.	B&B	12' O.C.
2	IVORY SILK LILAC	Syringa reticulata 'Ivory Silk'	2" CAL.	B&B	10' O.C.
SHRUBS					
24	CRANBERRY COTONEASTER	Cotoneaster apiculata	NO. 3	CONT.	AS SHOWN
27	SEA GREEN JUNIPER	Juniperus chinensis 'Sea Green'	30"	B&B	5' O.C.
ORNAMENTAL GRASSES/PERENNIALS					
33	KARL FOERSTER'S FEATHER REED GRASS	Calamagrostis x acutifolia 'Karl Foerster'	NO. 2	CONT.	AS SHOWN
32	HAPPY RETURNS DAYLILY	Hemerocallis x 'Happy Returns'	NO. 2	CONT.	AS SHOWN
7	BIG BLUE LILYTURF	Liriope muscari 'Big Blue'	NO. 2	CONT.	AS SHOWN
14	MIDNIGHT BLUE SALVIA	Salvia x 'Midnight Blue'	NO. 2	CONT.	AS SHOWN

## PLANT LIST, SHEET L-2

QTY.	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	REMARKS
TREES					
1	SHADBLOW SERVICEBERRY	Amelanchier canadensis	6' HT.	B&B	.
1	PURPLE FOUNTAIN BEECH	Fagus sylvatica 'Purple Fountain'	6' HT.	B&B	.
1	ANN MAGNOLIA	Magnolia x 'Ann'	6' HT.	B&B	.
SHRUBS					
30	BABY GEM BOXWOOD	Buxus microphylla 'Gegem'	NO. 3	CONT.	3' O.C.
1	OAK LEAF HYDRANGEA	Hydrangea quacercifolia	30"	B&B	.
16	NEW BLUE JUNIPER	Juniperus sabina tamariscifolia 'New Blue'	NO. 3	B&B	.
1	OAK LEAF HYDRANGEA	Hydrangea quacercifolia	30"	B&B	.
ORNAMENTAL GRASSES/PERENNIALS/GROUND COVER					
4	KARL FOERSTER'S FEATHER REED GRASS	Calamagrostis x acutifolia 'Karl Foerster'	NO. 2	CONT.	AS SHOWN
16	VARIGATED LILYTURF	Liriope muscari 'Variegata'	NO. 2	CONT.	30" O.C.
19	MIDNIGHT BLUE SALVIA	Salvia x 'Midnight Blue'	NO. 2	CONT.	AS SHOWN
39	BLUE MYRTLE	Vinca Minor	NO. 1	CONT.	18" O.C.

REVISIONS	DATE
INITIAL SUBMITTAL	1/25/23
PRELIM REVIEW	2/7/23
CITY SUBMITTAL	2/14/23

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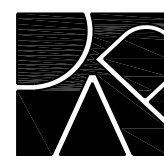
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DIMENSIONAL SITE PLAN  
GENOA BANK COMPANY  
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DATE: FEB 2023  
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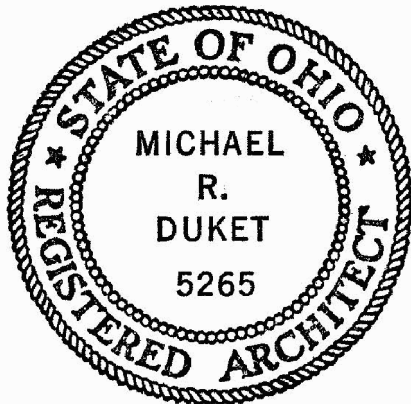
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CONSULTANTS

SEAL



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Genoa Bank  
Fremont Branch Bank  
1701 West State Street (Route 20)  
Fremont, (Sandusky County) Ohio 43420

PROJECT TITLE

ISSUE OR REVISION

DATE	ISSUE / REVISION
02.16.2023	PERMITS

DRAWN:	JT
CHECKED:	MD

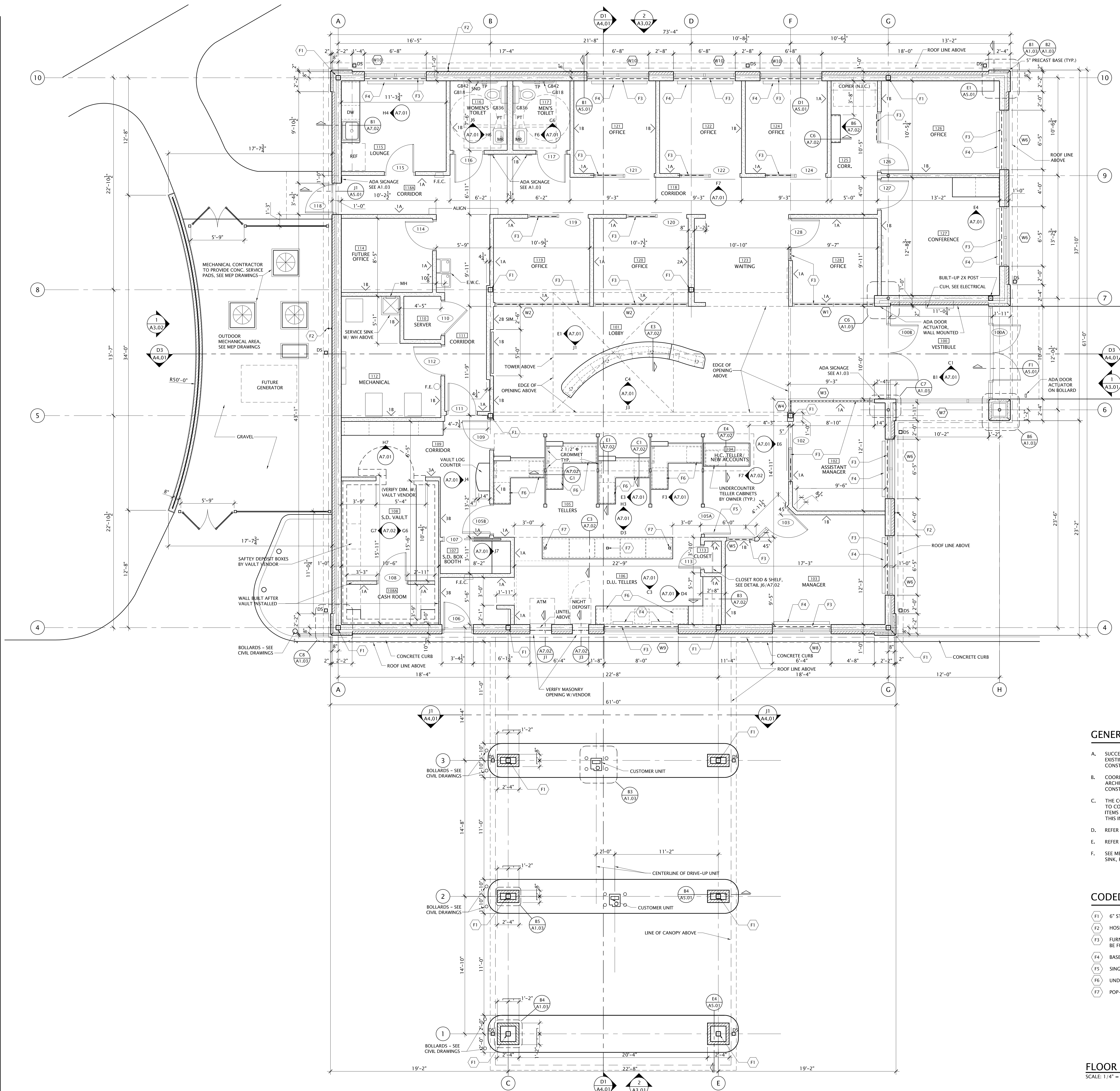
DAP COMMISSION NUMBER:	22019
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DRAWING TITLE

FLOOR PLAN  
AND NOTES

DRAWING NUMBER

A1.01



### GENERAL FLOOR PLAN NOTES

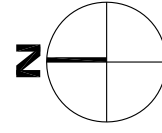
- SUCCESSFUL BIDDING CONTRACTORS WILL BE REQUIRED TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- COORDINATE FULL SCOPE OF CONSTRUCTION WORK BETWEEN ARCHITECTURAL, PLUMBING, ELECTRICAL, AND OTHER RELATED CONSTRUCTION DRAWINGS AND SPECIFICATIONS.
- THE CONSTRUCTION DOCUMENTS IDENTIFY SIGNIFICANT ITEMS REQUIRED TO COMPLETE CONSTRUCTION. FURNISH AND INSTALL ALL MISCELLANEOUS ITEMS REQUIRED TO ACHIEVE THE DESIGN INTENT OF THE DOCUMENTS. THIS INCLUDES ITEMS OF ALL TRADES.
- REFER TO SPECIFICATIONS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
- REFER TO SHEET A1.03 FOR WALL TYPE RELATED INFORMATION.
- SEE MEP DRAWINGS FOR LOCATIONS OF FURNACES, WATER HEATER, SERVICE SINK, POWER PANELS, AND RELATED ITEMS.

### CODED FLOOR PLAN NOTES

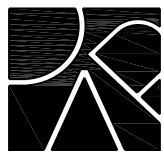
- F1 6" STEEL COLUMN. SEE STRUCTURAL DRAWINGS.
- F2 HOSE BIB BY PLUMBING CONTRACTOR. SEE PLUMBING DRAWINGS.
- F3 FURNISH BLOCKING AS REQUIRED TO SUPPORT WINDOW BLINDS. BLINDS TO BE FURNISHED AND INSTALLED BY OWNER.
- F4 BASEBOARD HEATING BY HVAC CONTRACTOR. SEE HVAC DRAWINGS.
- F5 SINGLE ACTING GATE WITH KEYPAD LOCKSET. SEE DETAILS SHEET A7.02
- F6 UNDERCOUNTER CABINETS BY OWNER.
- F7 POP-UP DATA/POWER CENTER. SEE ELECTRICAL DRAWINGS.

### FLOOR PLAN

SCALE: 1/4" = 1'-0"







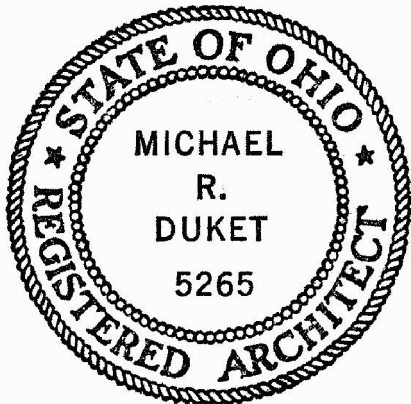
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PROJECT TITLE

ISSUE OR REVISION

DATE

ISSUE / REVISION

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CHECKED: MD

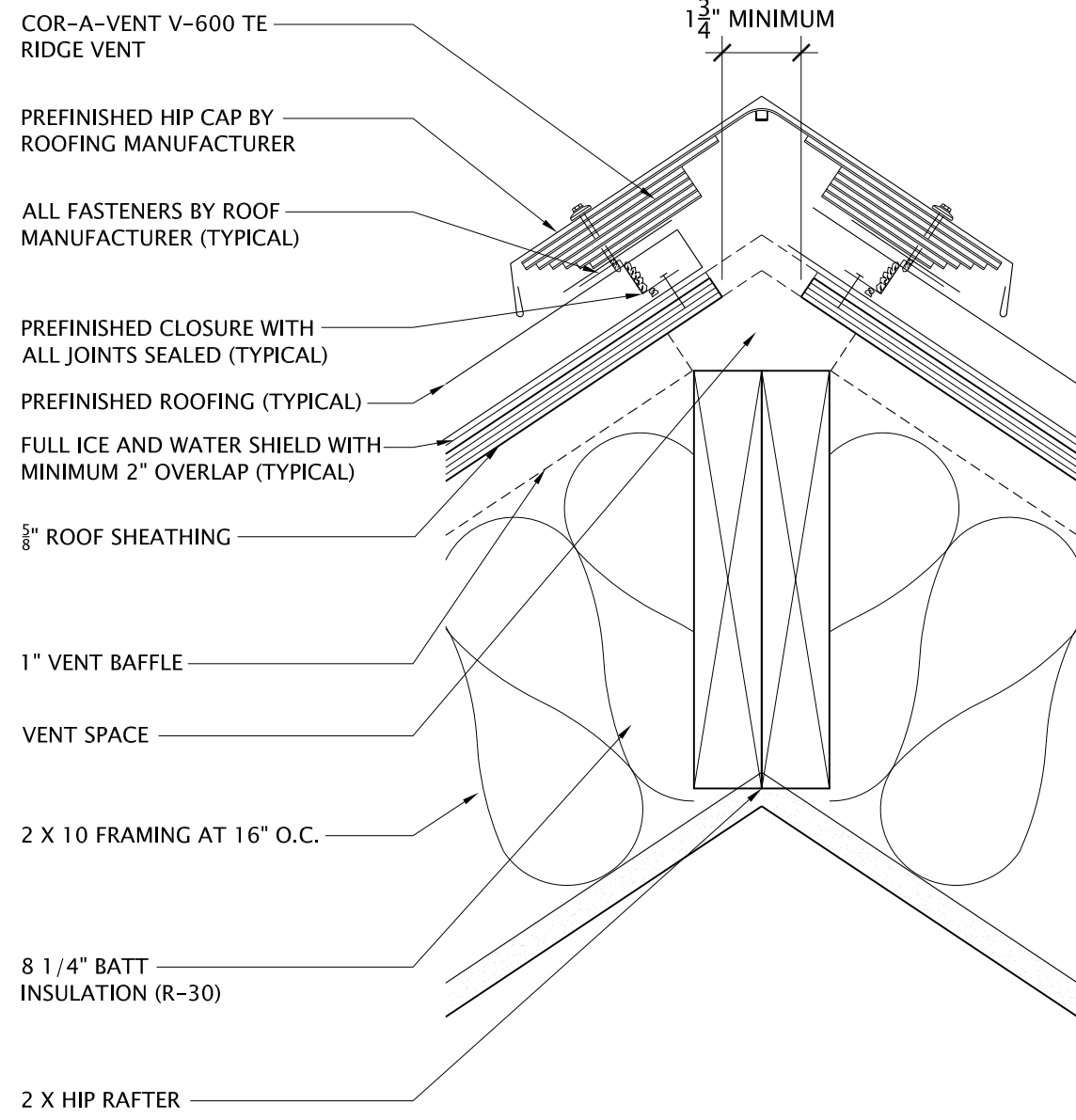
DAP COMMISSION NUMBER: 22019

DRAWING TITLE

ROOF PLAN  
AND DETAILS

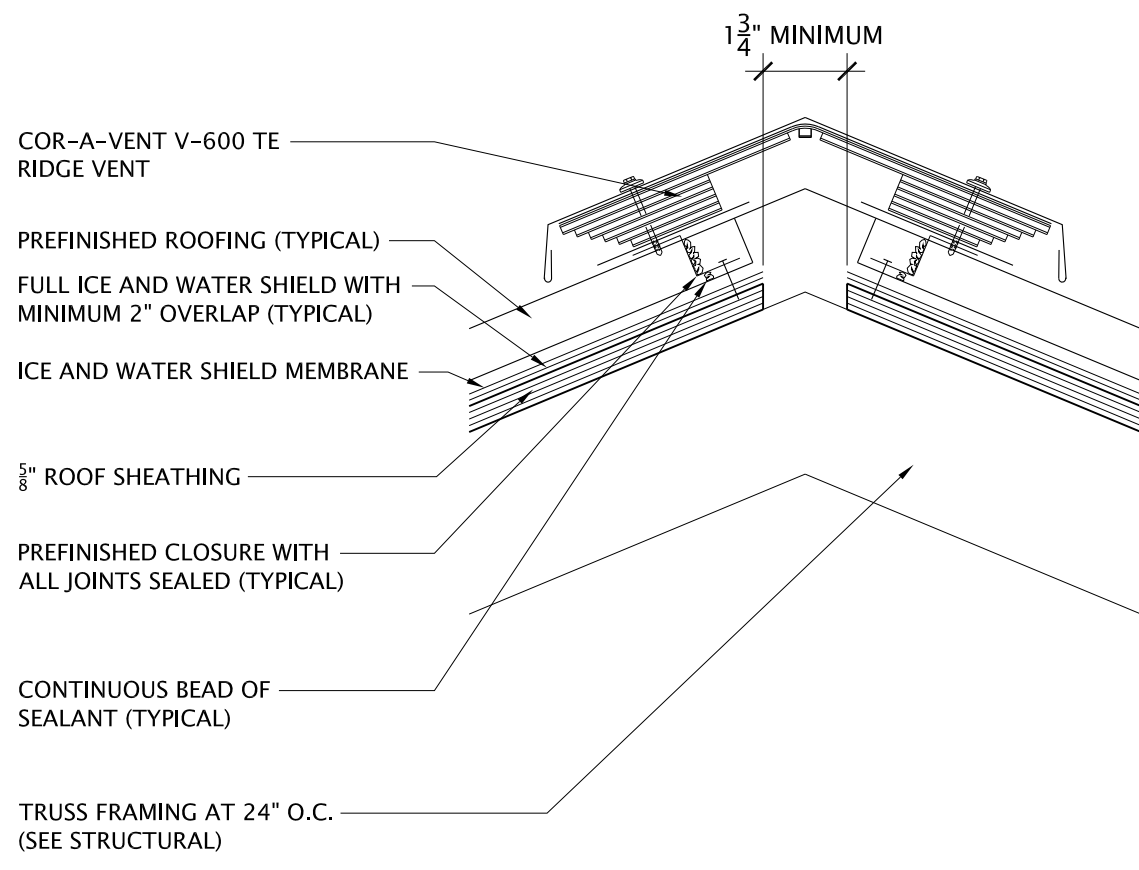
DRAWING NUMBER

A1.02



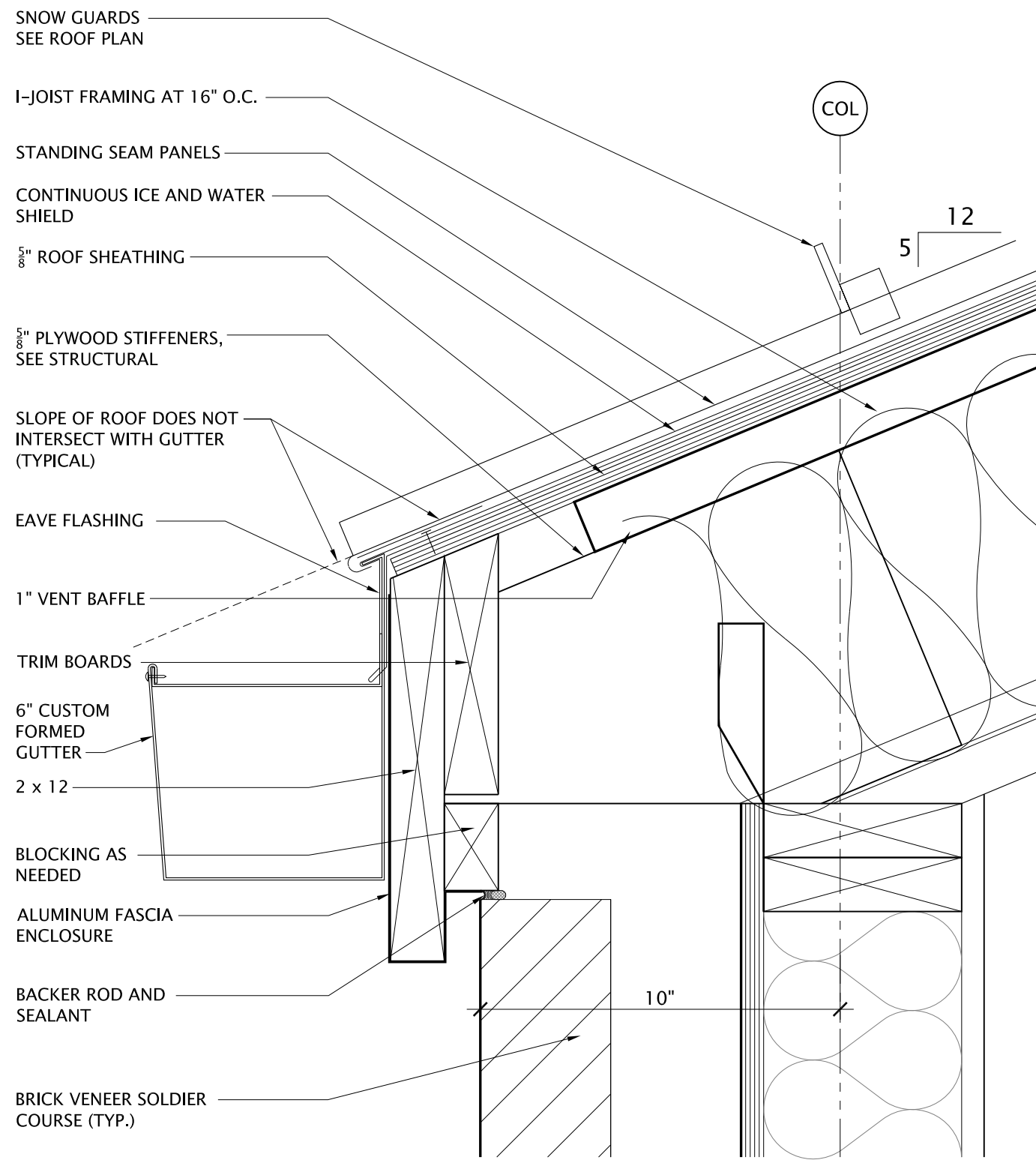
B2 HIP DETAIL AT CUPOLA

A1.02 3" = 1'-0"



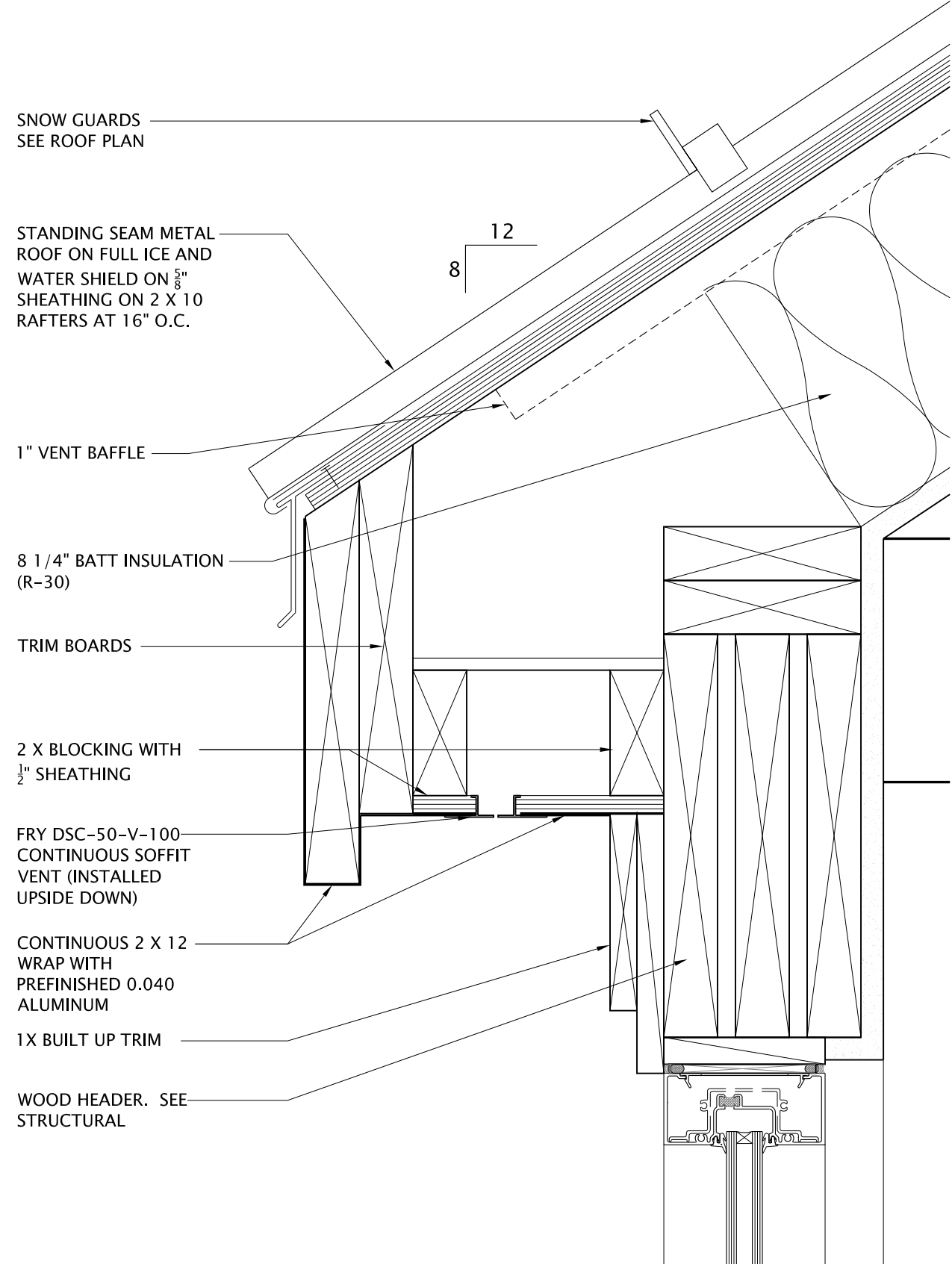
F3 RIDGE DETAIL

A1.02 3" = 1'-0"



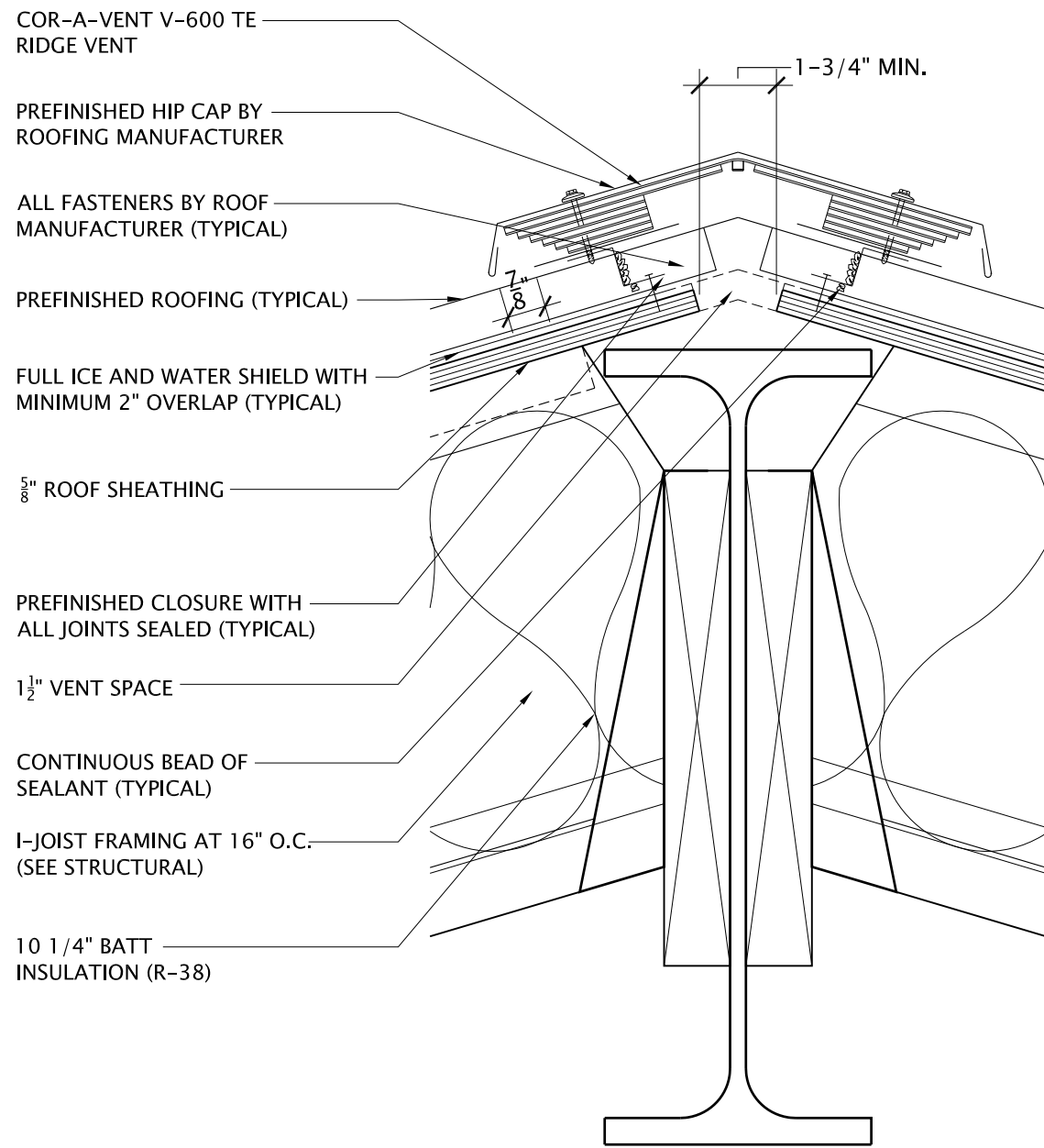
A3 TYPICAL EAVE DETAIL AT CORNER

A1.02 3" = 1'-0"



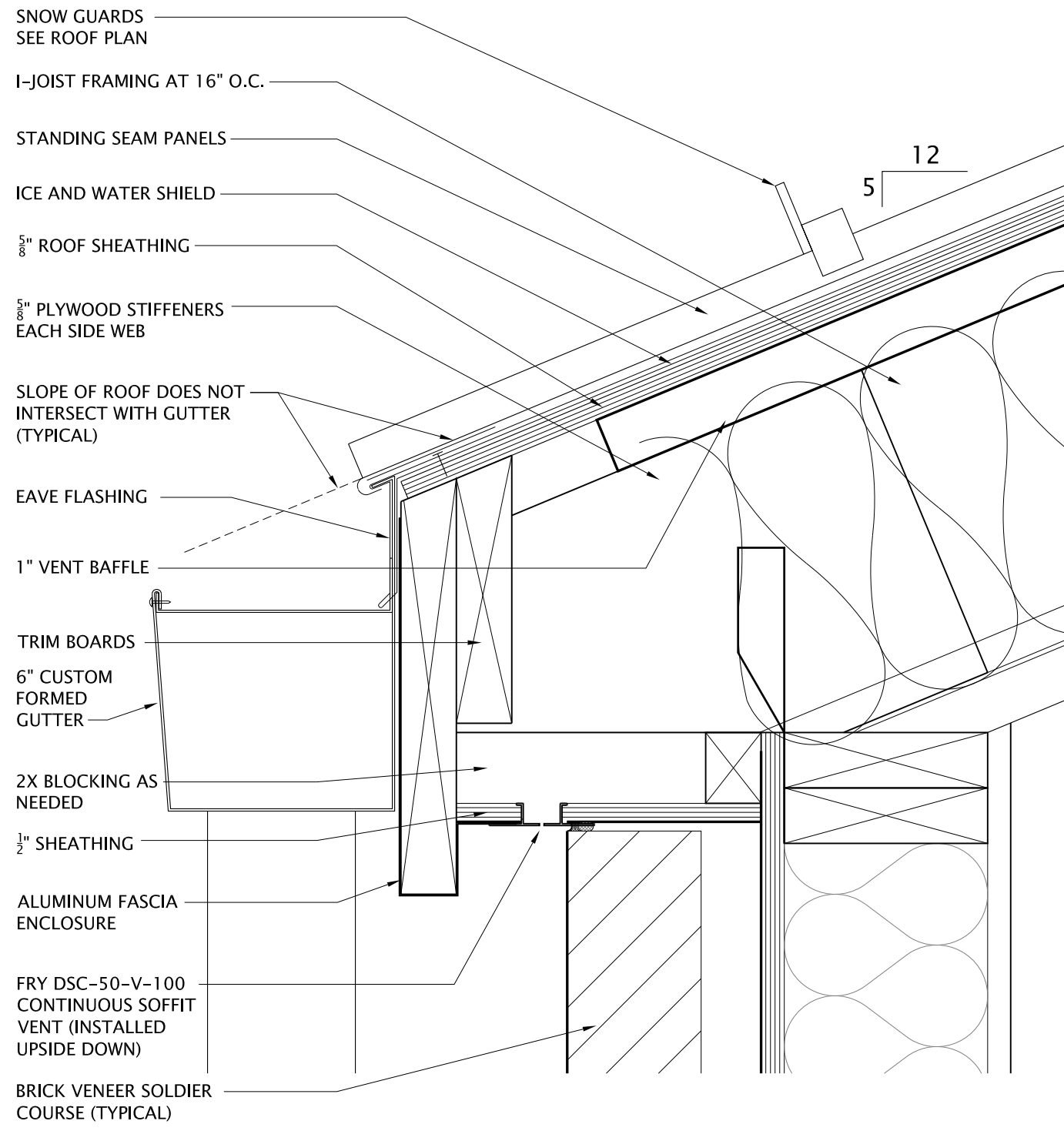
A2 TOWER EAVE DETAIL

A1.02 3" = 1'-0"



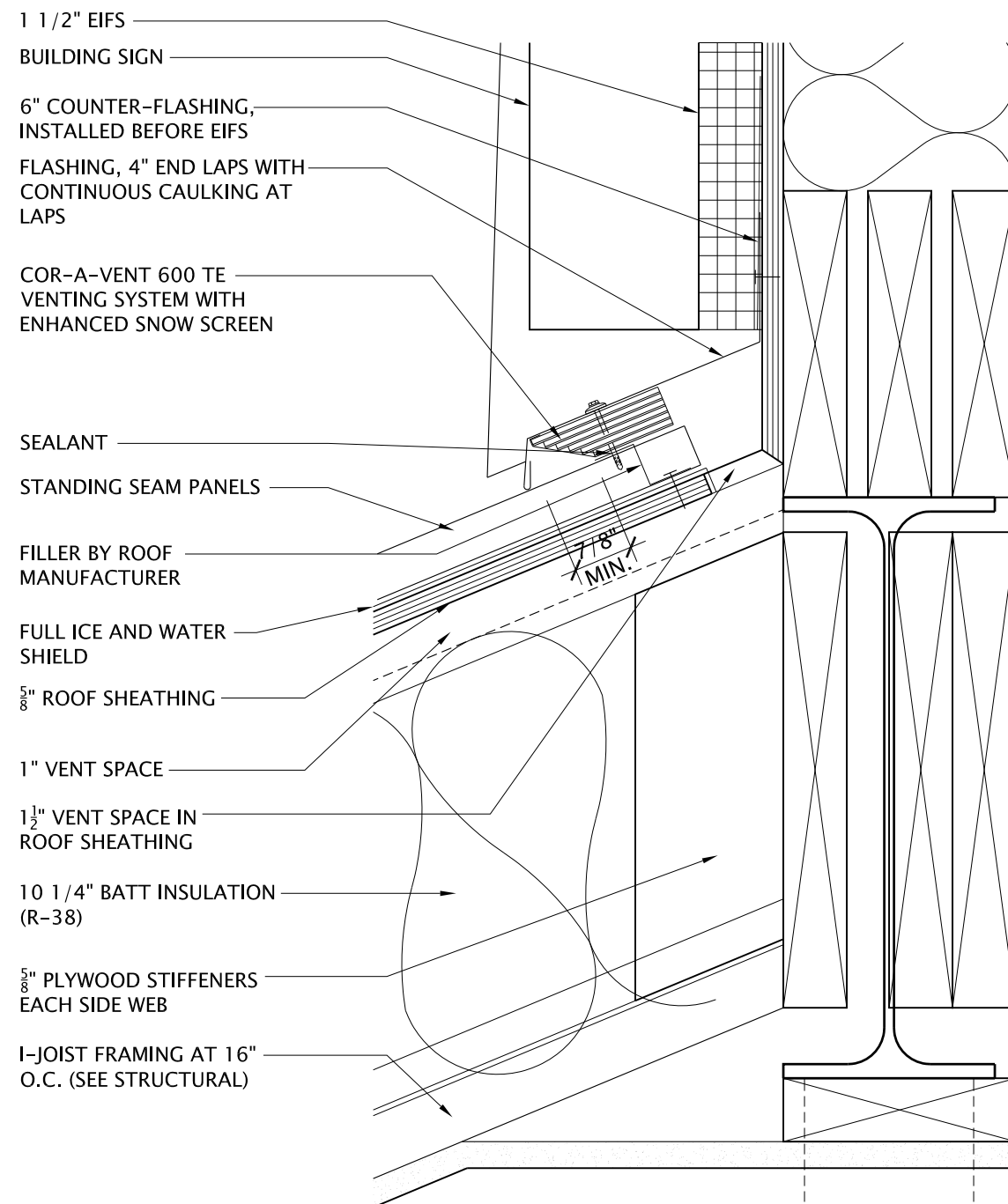
F2 HIP DETAIL

A1.02 3" = 1'-0"



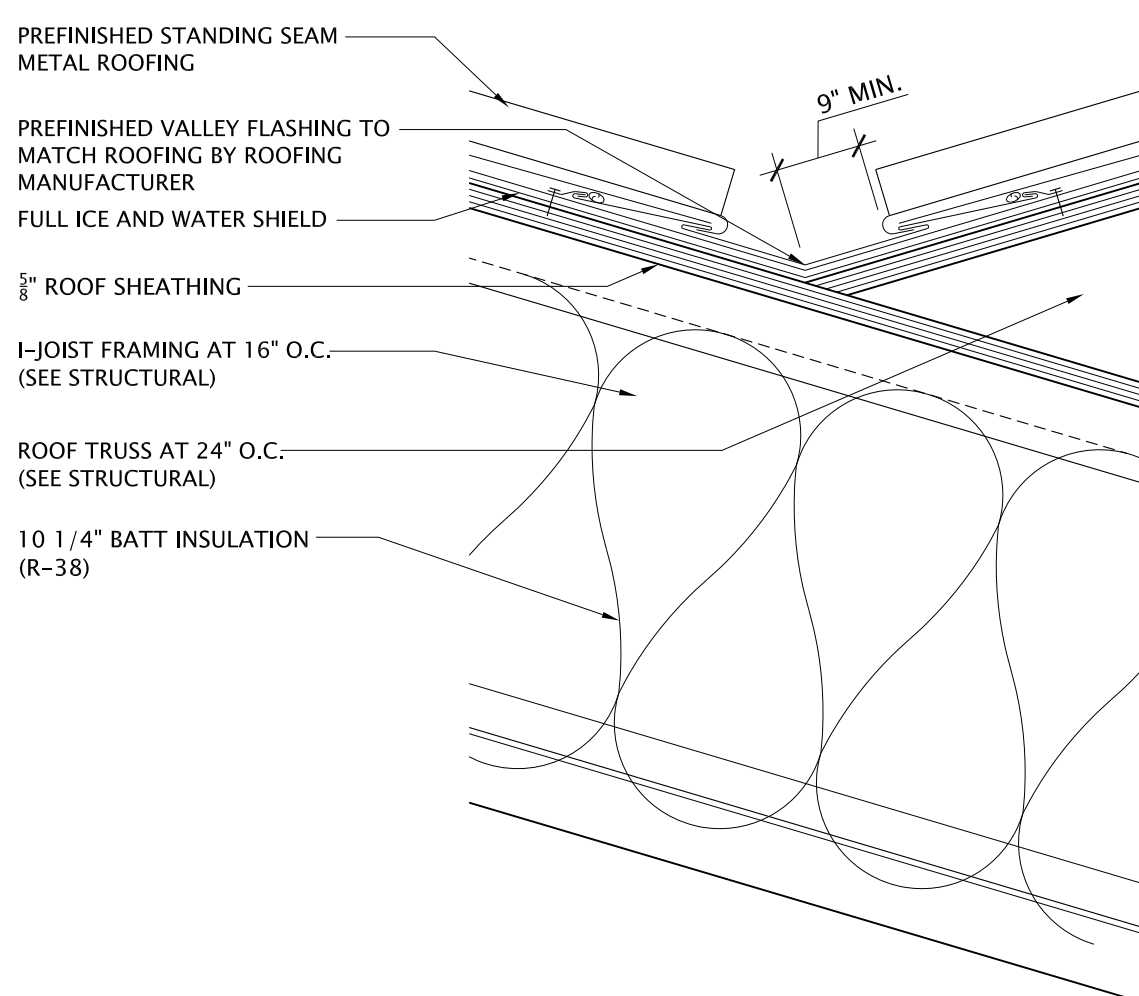
B1 TYPICAL EAVE DETAIL

A1.02 3" = 1'-0"



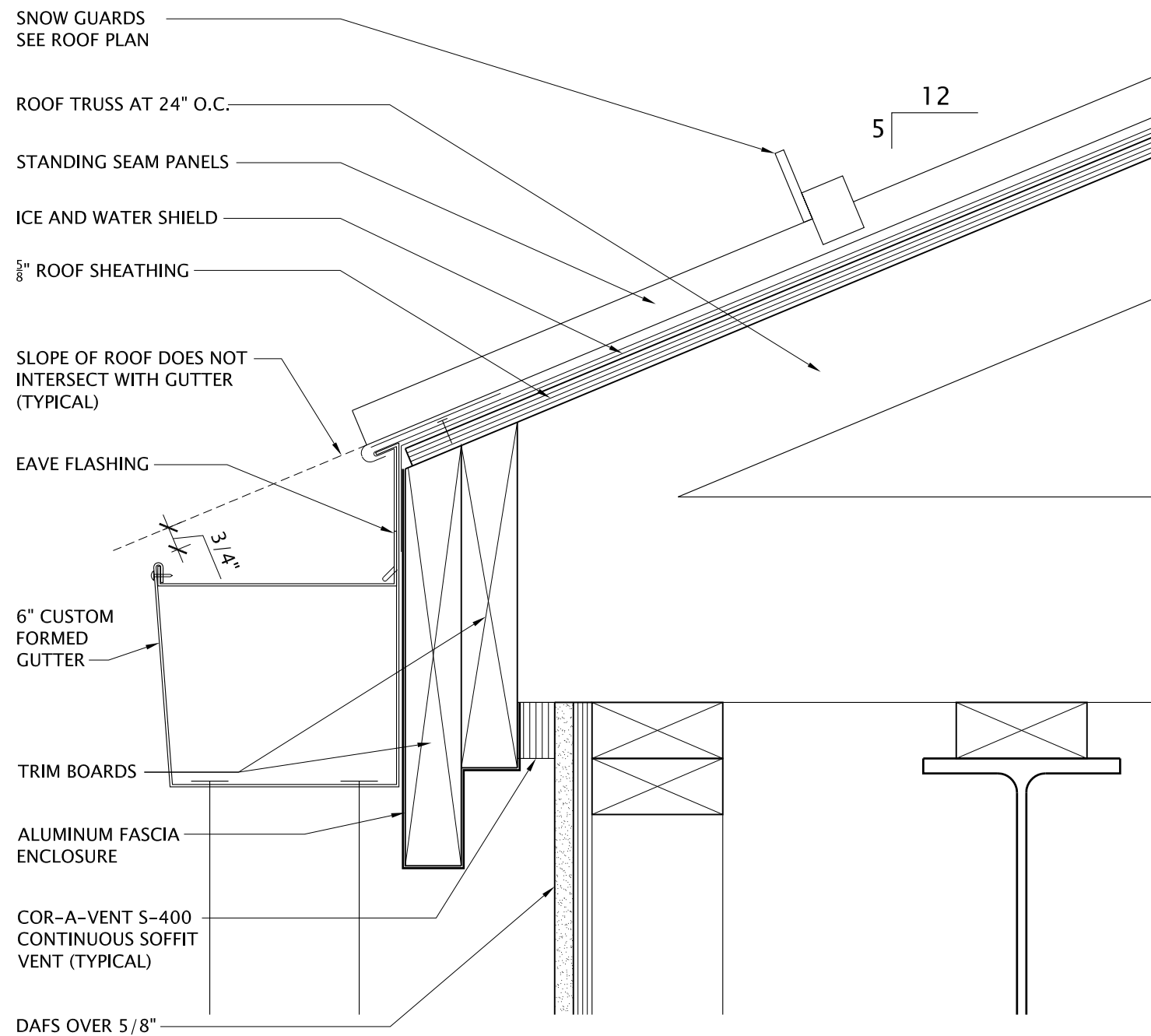
A1 TOWER BASE DETAIL

A1.02 3" = 1'-0"



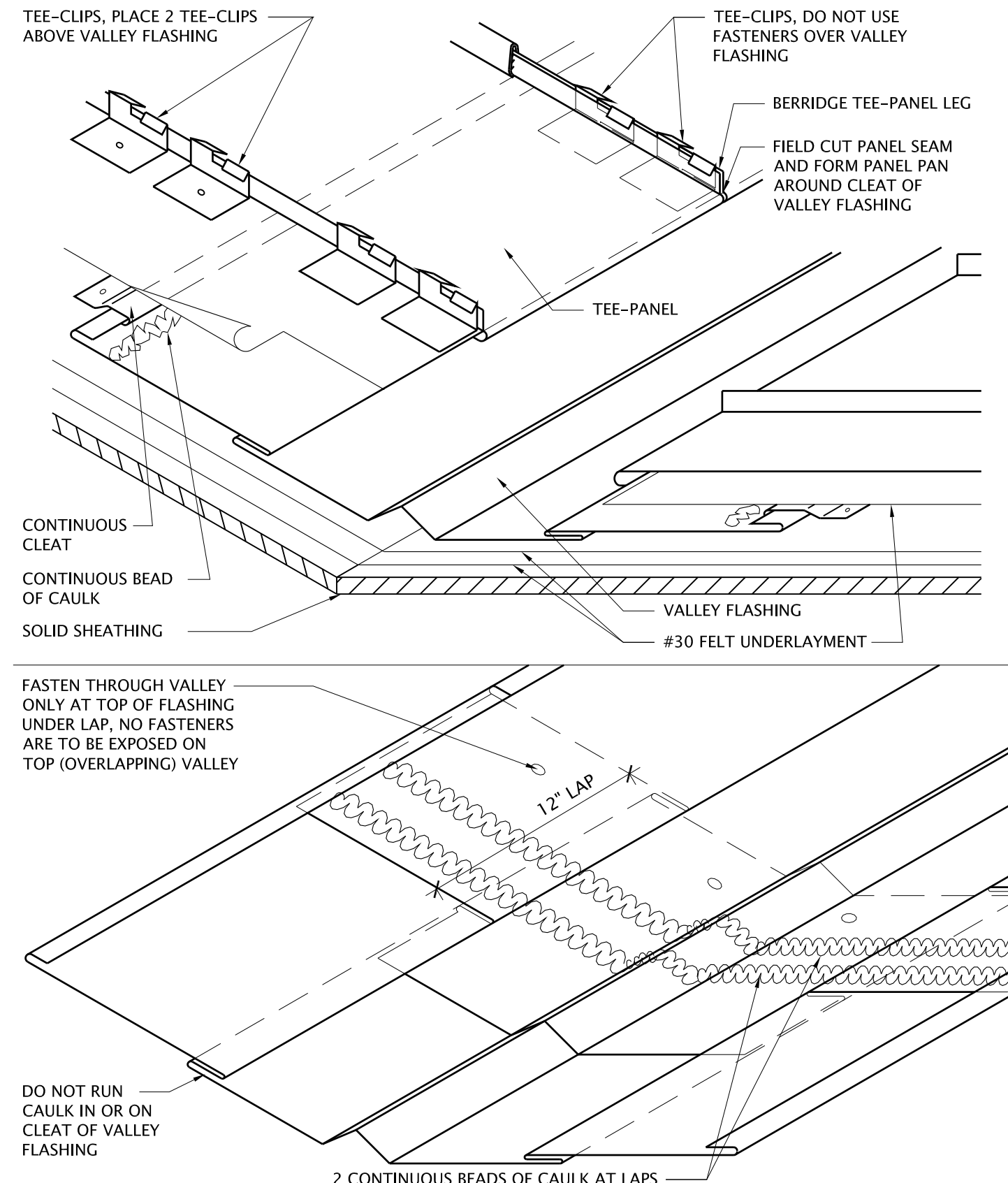
F1 VALLEY DETAIL

A1.02 3" = 1'-0"



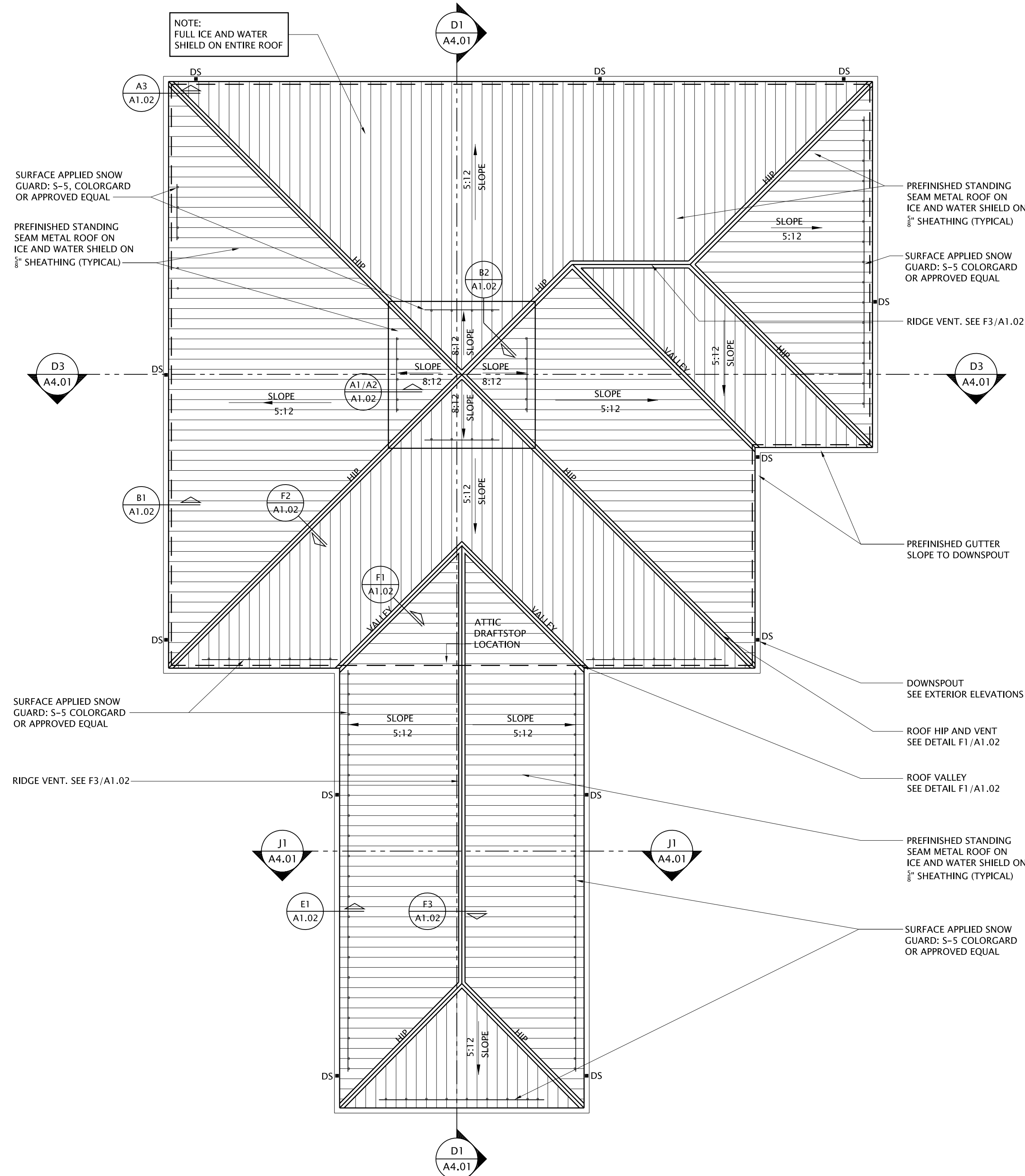
E1 CANOPY EAVE DETAIL

A1.02 3" = 1'-0"



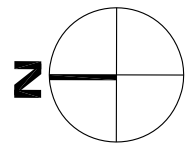
B2 VALLEY ISOMETRIC

A1.02 NO SCALE



ROOF PLAN

1/8" = 1'-0"





ABBREVIATIONS

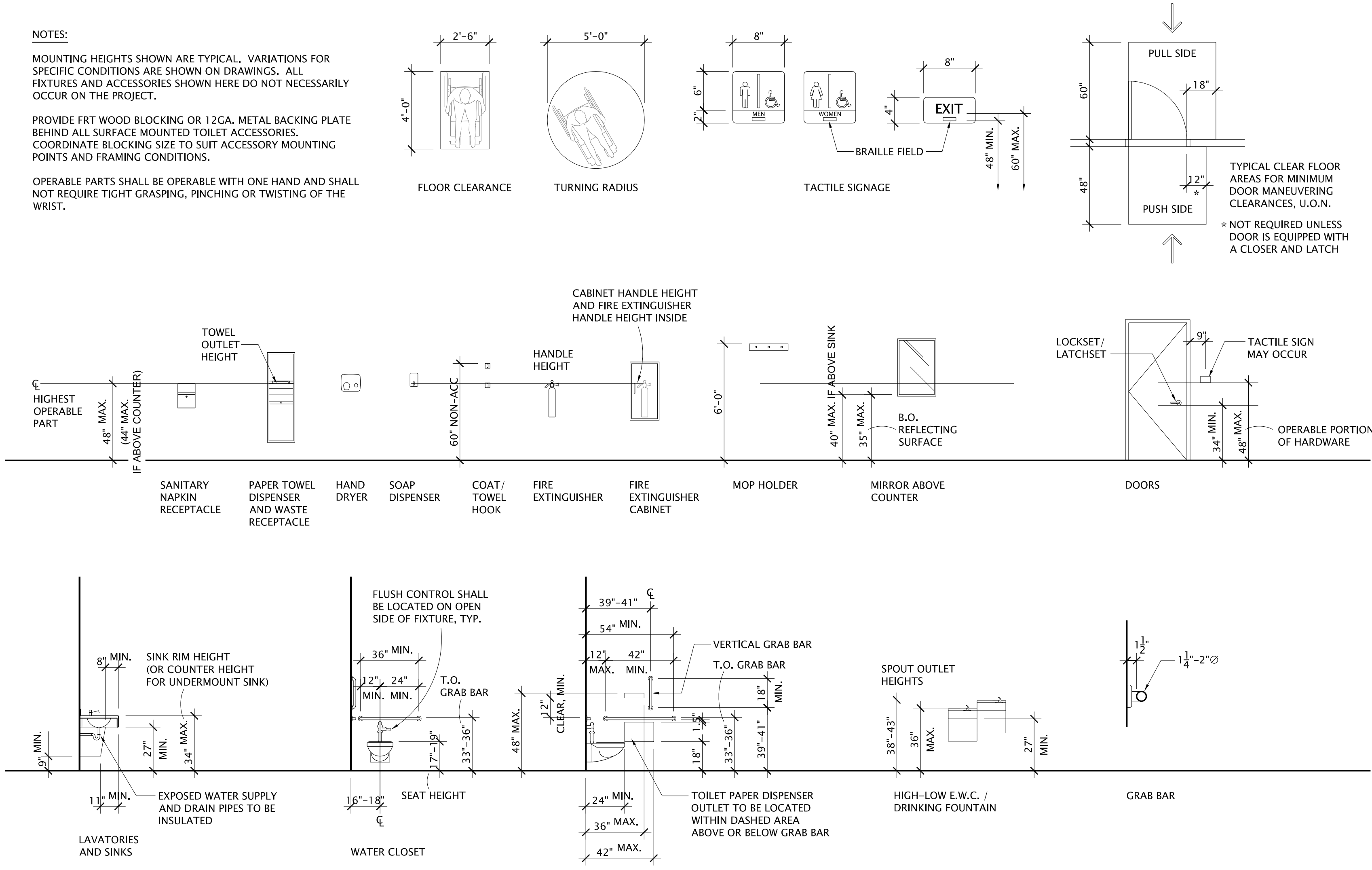
ACT	ACOUSTIC CEILING TILE	GA	GAGE	+/-	PLUS OR MINUS
AFF	ABOVE FINISH FLOOR	GALV	GALVANIZED	QT	QUARRY TILE
ALUM	ALUMINUM	GB	GRAB BAR	RA	RETURN AIR
BLDG	BUILDING	GL	GLASS	RAD	RADIUS
BLKG	BLOCKING	GBW	GYPSUM BOARD	RB	RESILIENT BASE
BOT	BOTTOM	HM	HOLLOW METAL	RD	ROOF DRAIN
CASE	CASED OPENING	HOR	HORIZONTAL	REF	REFERENCE
C/C	CENTER TO CENTER	HR	HOUR	REIN	REINFORCING (MENT)
CIP	CAST IN PLACE	HT	HEIGHT	REQ'D	REQUIRED
CL	CONTROL JOINT	HPL	HIGH PRESSURE LAMINATE	REV	REVISION
CLG	CENTER LINE	IN	INCH	RM	ROOM
CLQ	CEILING	INS	INSULATION	RO	ROUGH OPENING
CMU	CONCRETE MASONRY UNIT	INT	INTERIOR	SCH	SCHEDULE
COL	COLUMN	INV	INVERT	SD	SMOKE DETECTOR
CONC	CONCRETE	JAN	JANITOR	SM	SIMILAR
CONT	CONTINUOUS	JT	JOINT	SPEC	SPECIFICATIONS
CONR	CORRIDOR	LAV	LAVATORY	SPRAY	SPRAY POLYURETHANE FOAM
CP	CEMENT PLASTER	LVT	LUXURY VINYL TILE	SQ	SQUARE
CPT	CARPET	MAT	MATERIAL	SS	STAINLESS STEEL
CT	CERAMIC TILE	MAX	MAXIMUM	STD	STANDARD
DEMO	DEMOLISH	MBR	MEMBRANE	STL	STEEL
DET	DETAIL	MECH	MECHANICAL	SV	SHEET VINYL
DIA	DIAMETER	MFG	MANUFACTURER	TB	TACKBOARD
DN	DOWN	MIN	MINIMUM	TEL	TELEPHONE
DS	DOWNSPOUT	MISC	MISCELLANEOUS	TOM	TOP OF MASONRY
DWC	DRAWING	MO	MASONRY OPENING	TOS	TOP OF STEEL
EA	EACH	MR	MOISTURE RESISTANT	TOW	TOP OF WALL
EL	ELEVATION	MFG	MANUFACTURER	TPD	TOILET PAPER DISPENSER
ELEC	ELECTRIC (AL)	MTL	METAL	TV	TELEVISION
EQ	EQUAL	NC	NOT IN CONTRACT	TYP	TYPICAL
EW	EACH WAY	NO	NUMBER	UN	UNLESS OTHERWISE NOTED
EXP	EXPOSED	NOM	NOMINAL	UR	URINAL
EXT	EXTERIOR	NFS	NOT TO SCALE	VCT	VINYL COMPOSITION TILE
E/EXIST	EXISTING	NO-SLP	NON-SLIP	VERT	VERTICAL
EWC	ELECTRIC WATER COOLER	O/C	ON CENTER	VERIFY	VERIFY IN FIELD
FD	FLOOR DRAIN	OD	OUTSIDE DIAMETER	WC	WATER CLOSET, WALL COVERING
FIN	FINISH	O/H	OPPOSITE HAND	WD	WOOD
FL	FLOOR	OPP	OPPOSITE	WP	WATERPROOFING
FO	FACE OF	PLT	PLATE	WT	WEIGHT
FT	FOOT/FEET	PLG	PLUMBING	WWF	WELDED WIRE FABRIC
FTG	FOOTING	PNL	PANEL	W/	WITH
FRCH	FRENCH DOOR	PR	PAIR	W/O	WITHOUT
FUR	FURRING	PT #	PAINT (TYPE - SEE SPECIFICATIONS)	YI #	YARD INLET (NUMBER)

NOTES:

MOUNTING HEIGHTS SHOWN ARE TYPICAL. VARIATIONS FOR SPECIFIC CONDITIONS ARE SHOWN ON DRAWINGS. ALL FIXTURES AND ACCESSORIES SHOWN HERE DO NOT NECESSARILY OCCUR ON THE PROJECT.

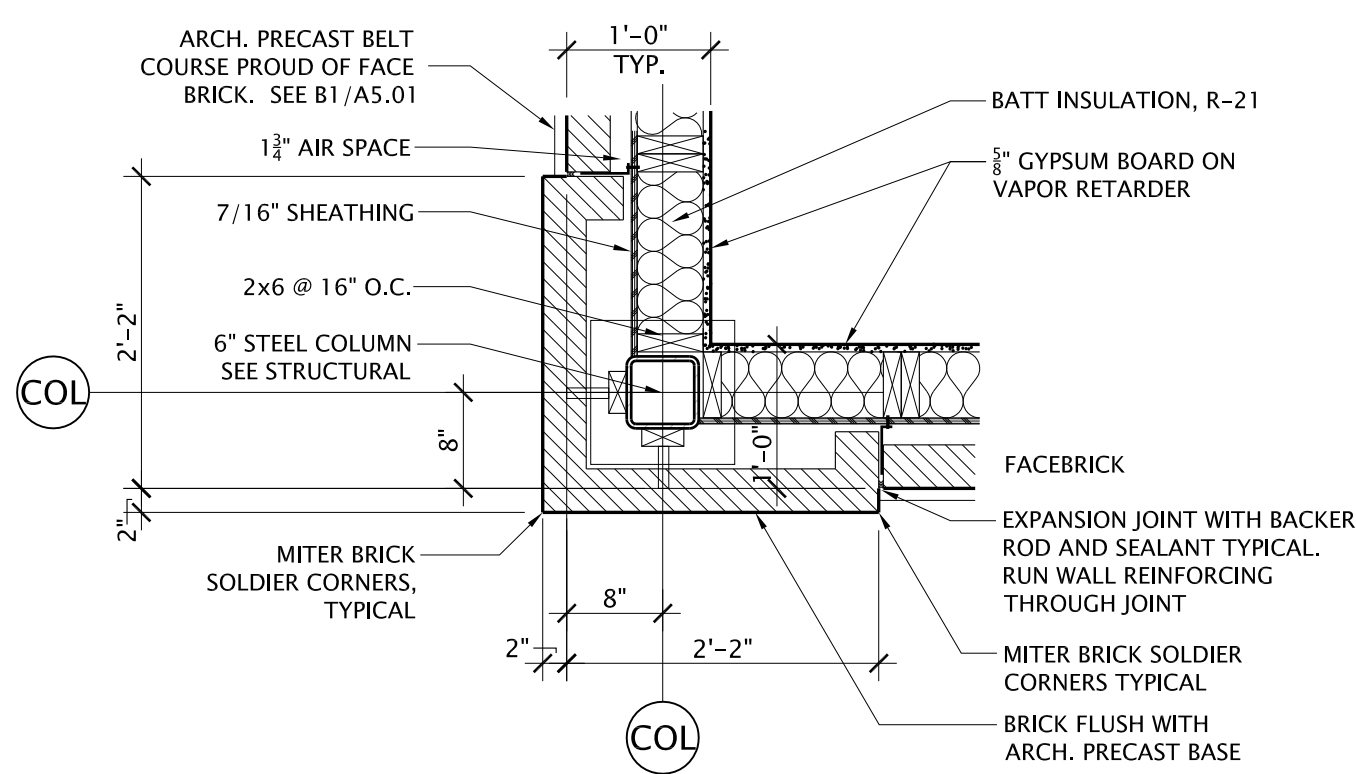
PROVIDE FRT WOOD BLOCKING OR 12GA. METAL BACKING PLATE BEHIND ALL SURFACE MOUNTED TOILET ACCESSORIES. COORDINATE BLOCKING SIZE TO SUIT ACCESSORY MOUNTING POINTS AND FRAMING CONDITIONS.

OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.



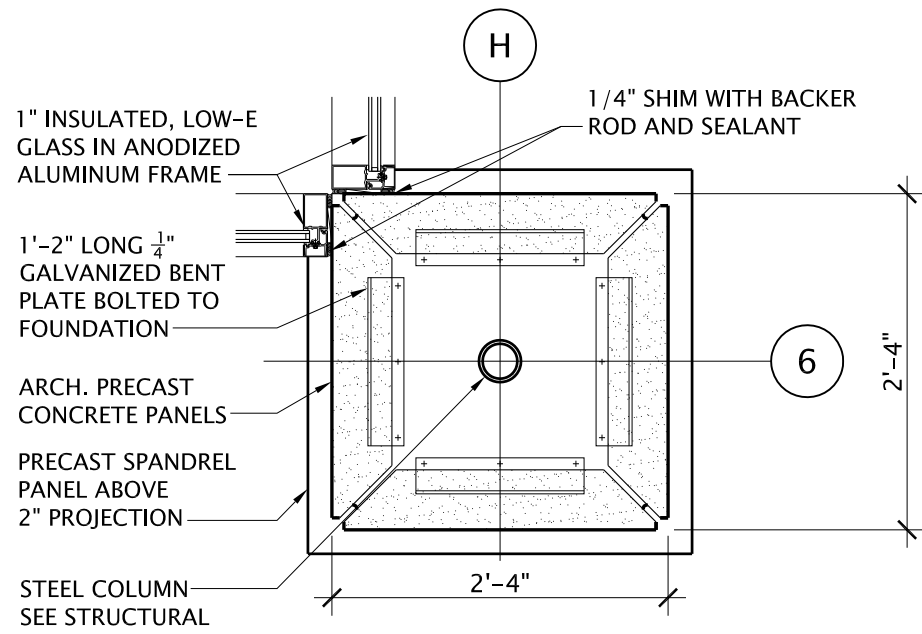
TYPICAL ACCESSIBILITY & SIGNAGE DETAILS

NO SCALE



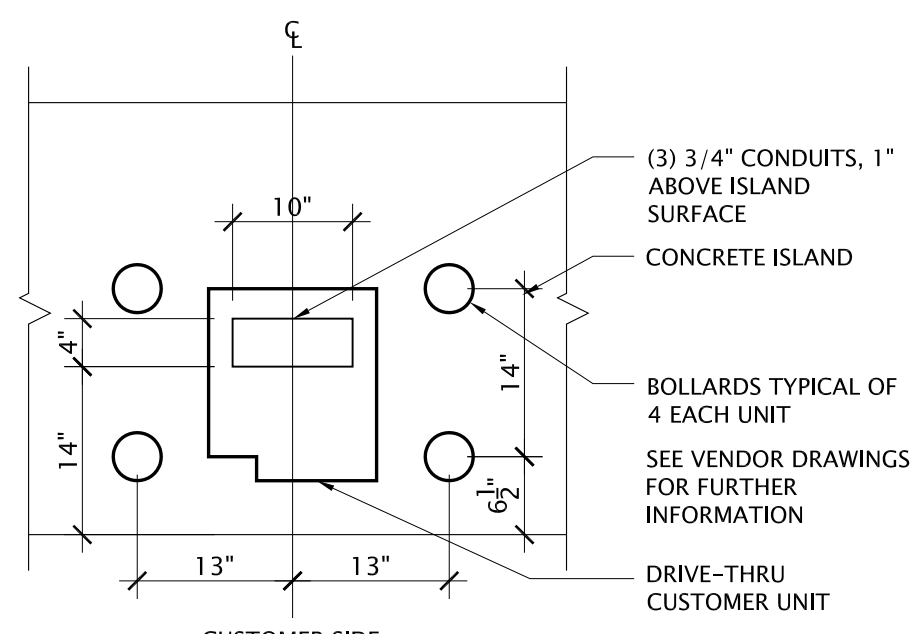
C8 PLAN DETAIL

A1.03 3/4\"/>



B6 PRECAST BASE PLAN DETAIL

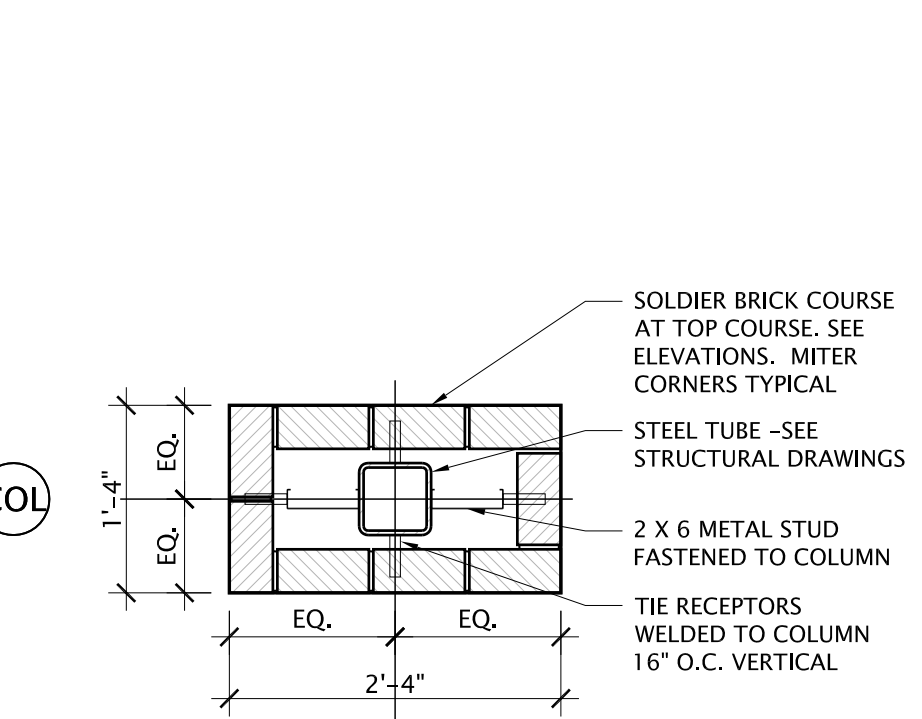
A1.03 3/4\"/>



B3 CUSTOMER UNIT PLAN DETAIL

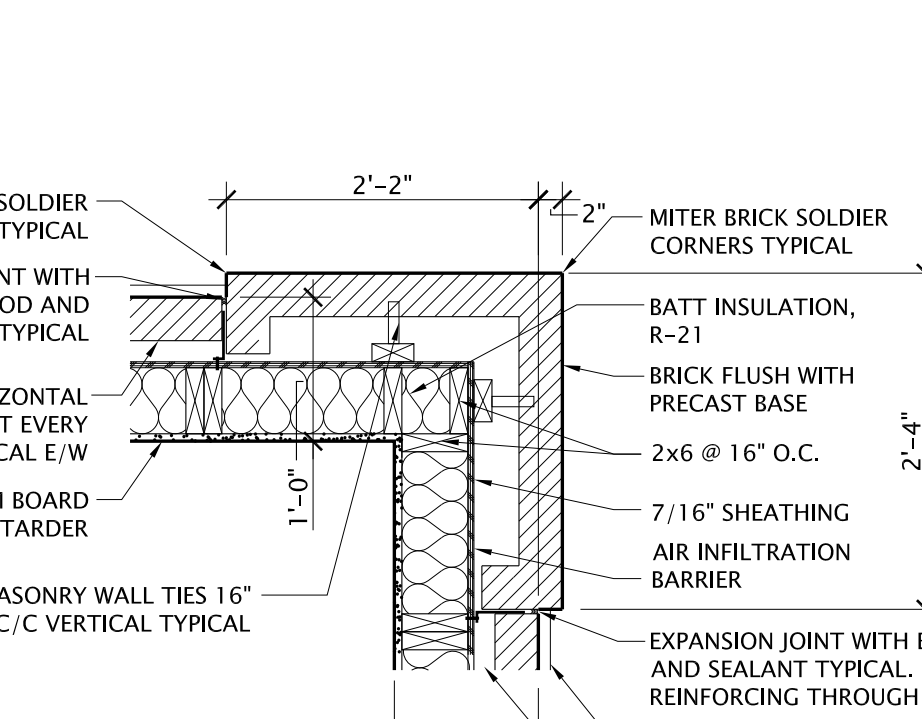
A1.03 3/4\"/>

VERIFY LOCATIONS WITH VENDOR



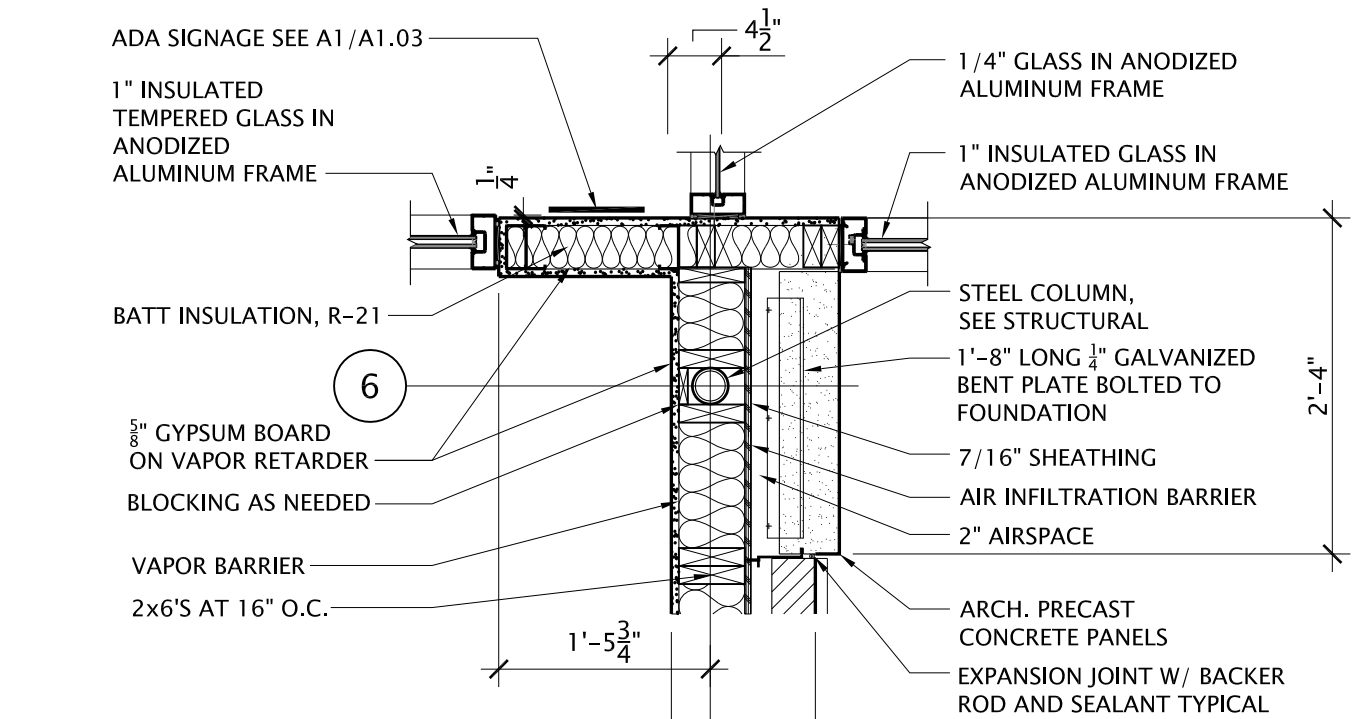
B5 BRICK PIER PLAN DETAIL

A1.03 3/4\"/>



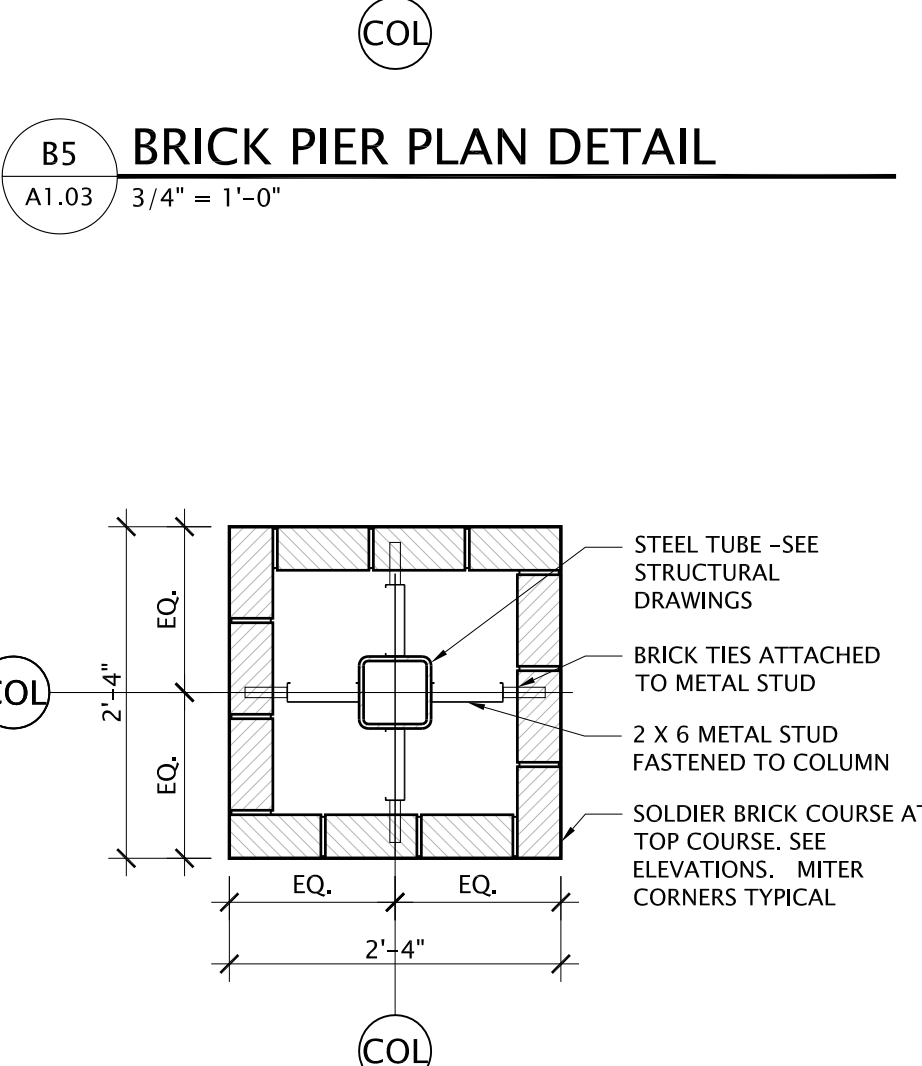
B2 PLAN DETAIL AT BRICK CORNER

A1.03 3/4\"/>



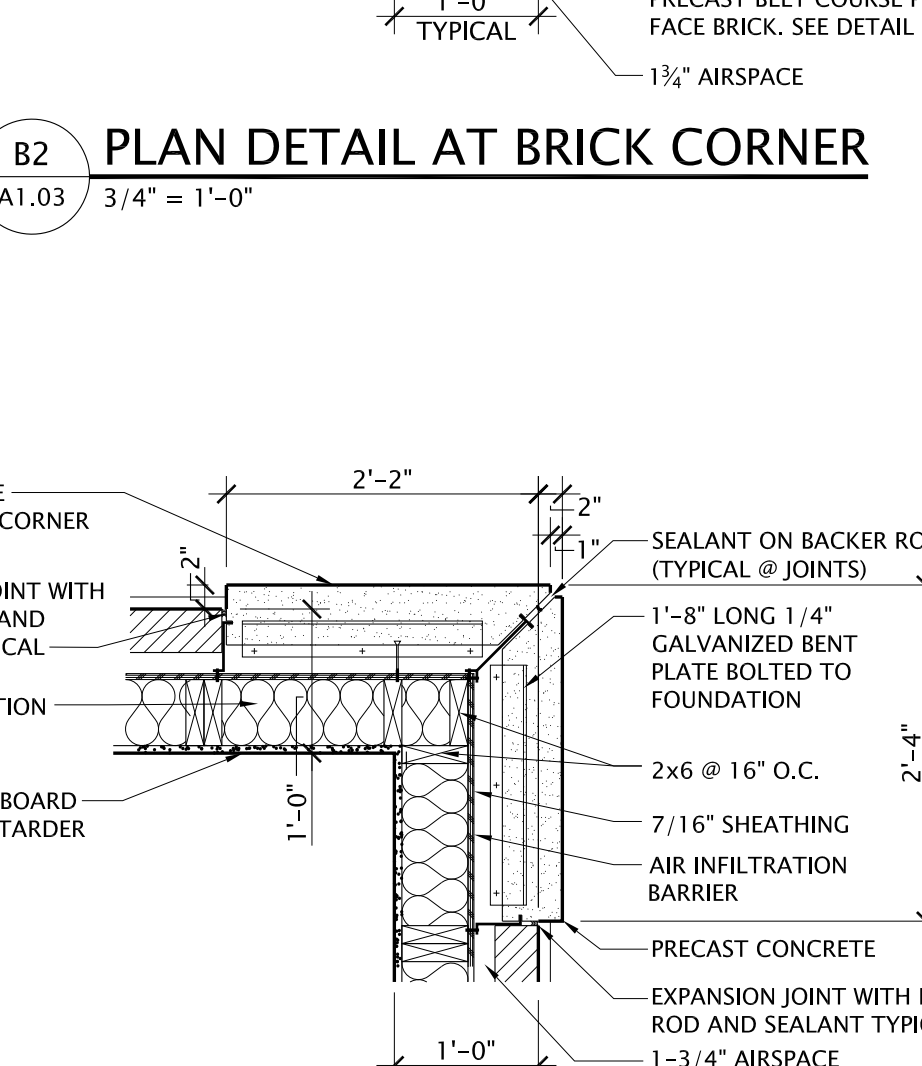
C7 PLAN DETAIL

A1.03 3/4\"/>



B4 BRICK PIER PLAN DETAIL

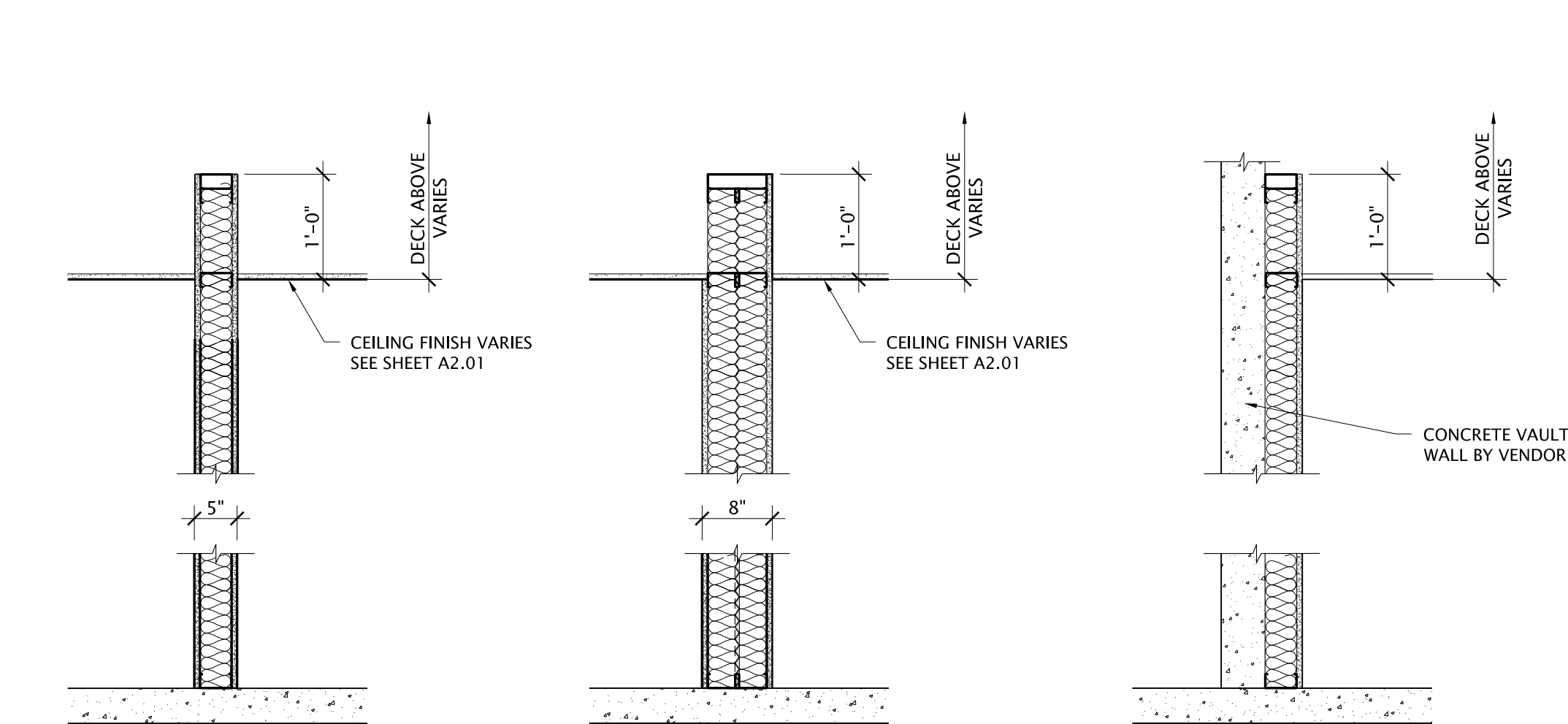
A1.03 3/4\"/>



B1 PLAN DETAIL AT PRECAST BASE

A1.01 3/4\"/>

NOTE: BRICK ABOVE PRECAST BASE. SEE ELEVATIONS AND DETAIL B2/A1.03.



TYPE 1A

3/4\"/>

5/8\"/>

TYPE 1B

3/4\"/>

SAME AS TYPE 1A WITH TOP OF WALL TO UNDERSIDE OF DECK

TYPE 2A

3/4\"/>

5/8\"/>

TYPE 2B

3/4\"/>

SAME AS TYPE 2A WITH TOP OF WALL TO UNDERSIDE OF DECK.

TYPE 3A

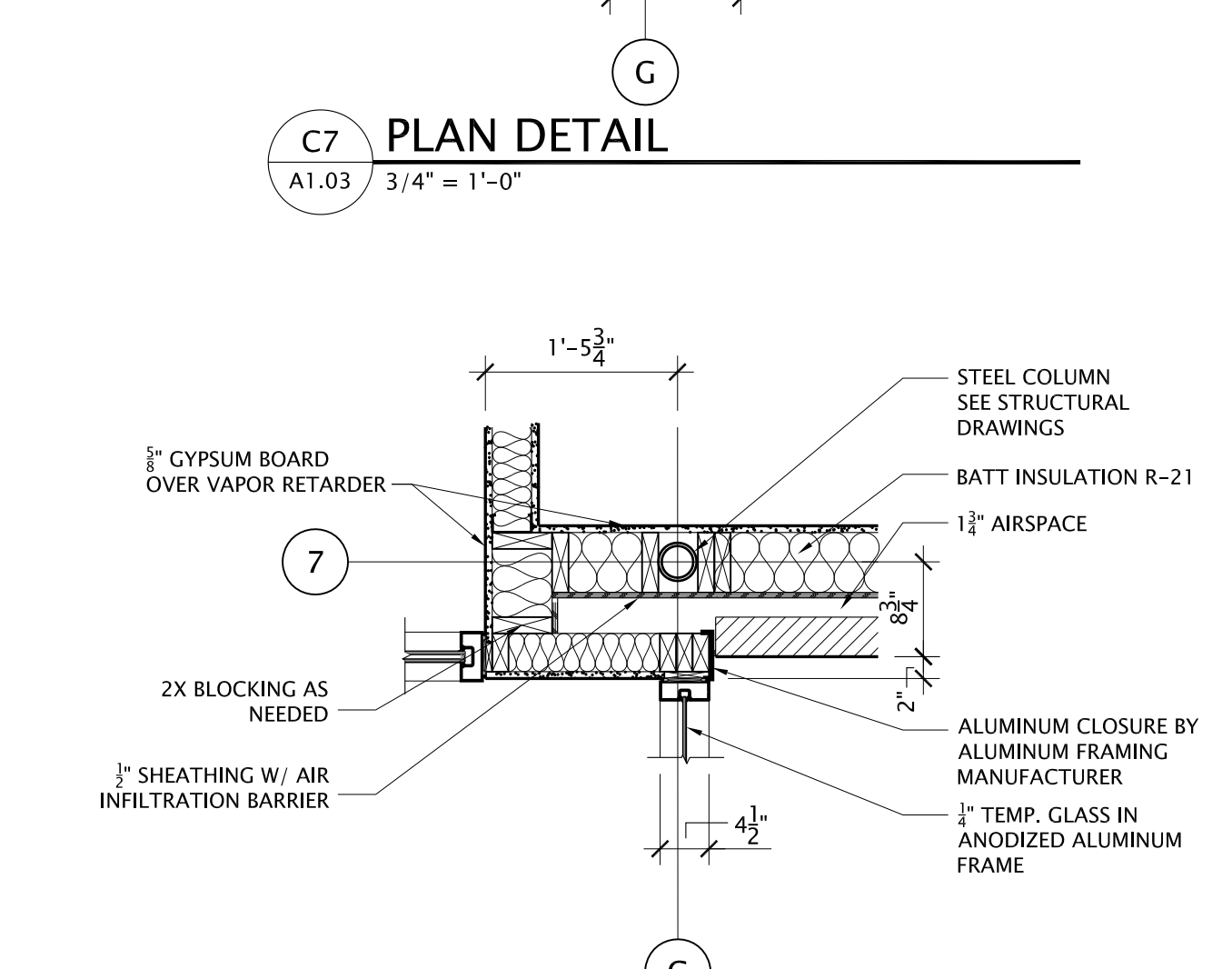
3/4\"/>

5/8\"/>

TYPE 3B

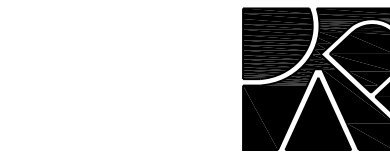
3/4\"/>

SAME AS 3A WITH 3/8\"/>



C6 PLAN DETAIL

A1.03 3/4\"/>



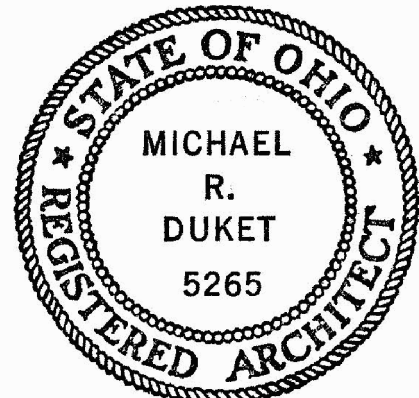
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02.16.2023	PERMITS
DATE	ISSUE / REVISION

DRAWN:	JT
CHECKED:	MD
DAP COMMISSION NUMBER:	22019
DRAWING TITLE	

GENERAL INFO, DETAILS  
AND WALL TYPES

DRAWING NUMBER

A1.03

Genoa Bank  
Fremont Branch Bank  
1701 West State Street (Route 20 )  
Fremont, ( Sandusky County ) Ohio 43420





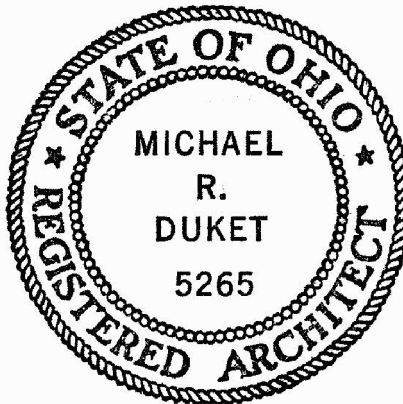
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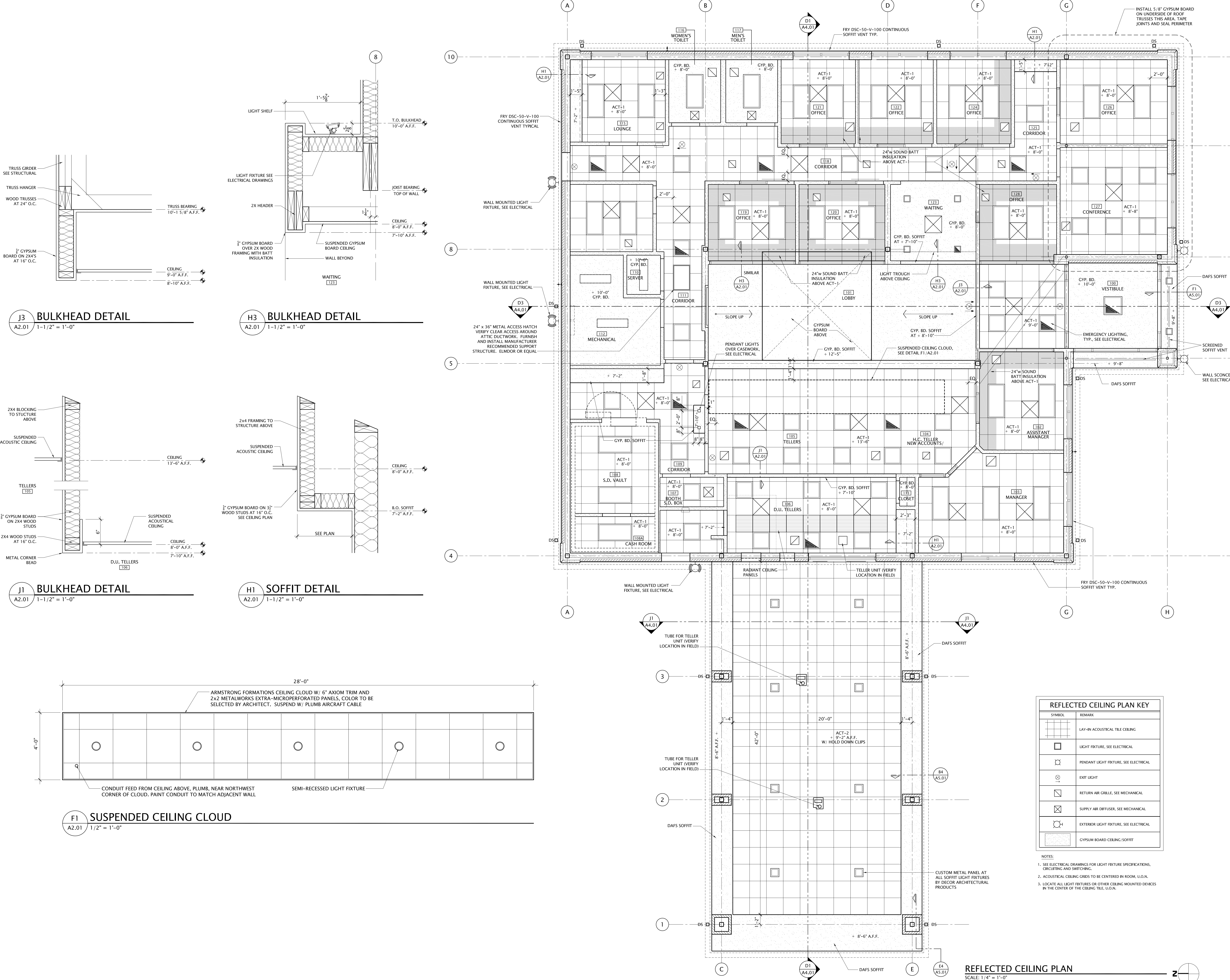
22019

DRAWING TITLE

REFLECTED  
CEILING PLAN

DRAWING NUMBER

A2.01



J3 BULKHEAD DETAIL

A2.01 1-1/2" = 1'-0"

H3 BULKHEAD DETAIL

A2.01 1-1/2" = 1'-0"

J1 BULKHEAD DETAIL

A2.01 1-1/2" = 1'-0"

H1 SOFFIT DETAIL

A2.01 1-1/2" = 1'-0"

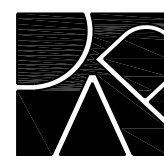
F1 SUSPENDED CEILING CLOUD

A2.01 1/2" = 1'-0"









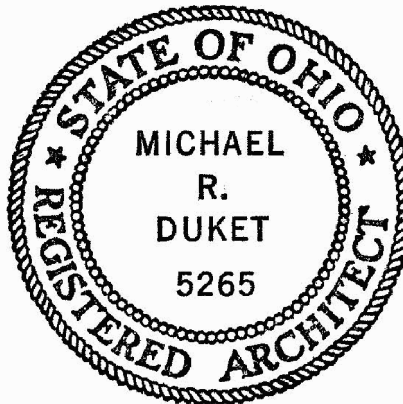
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PROJECT TITLE

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02.16.2023

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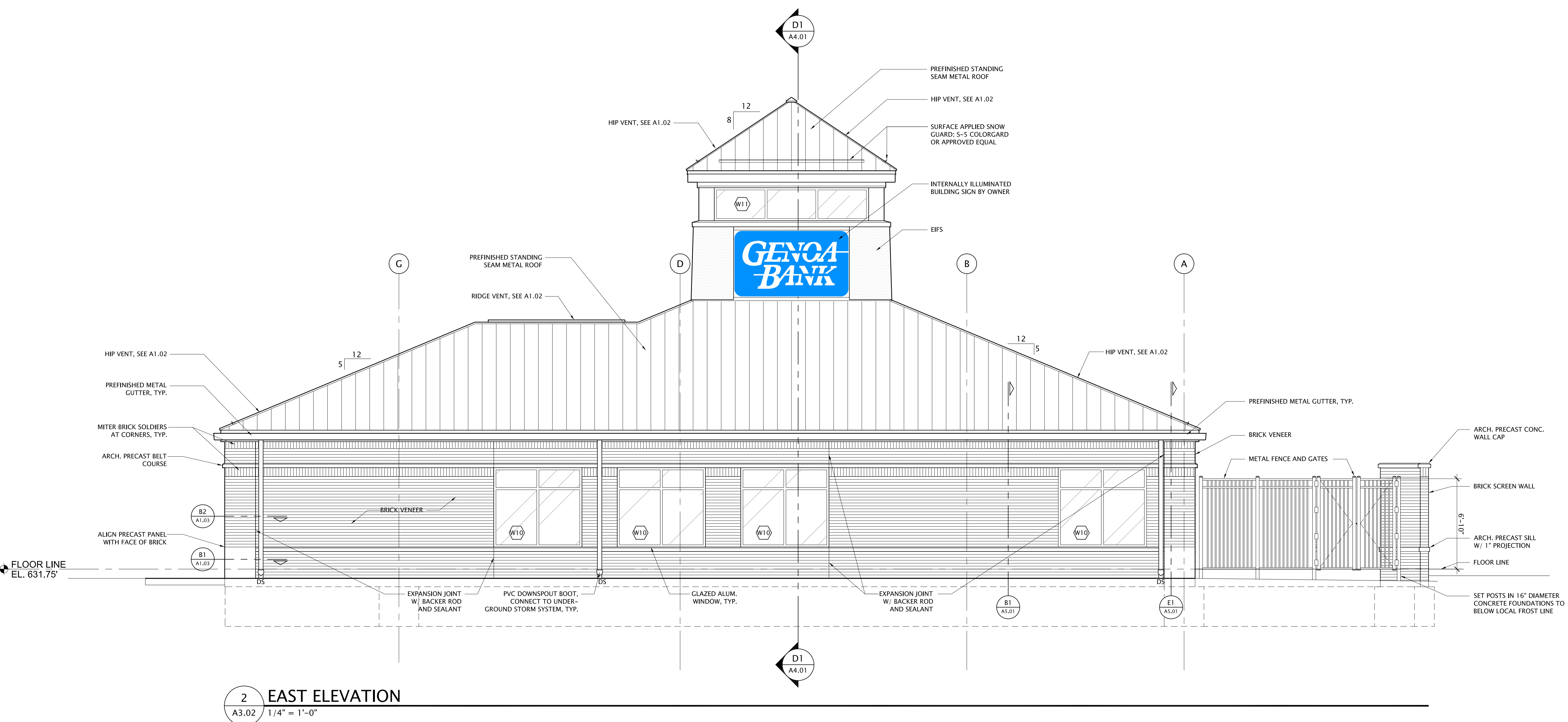
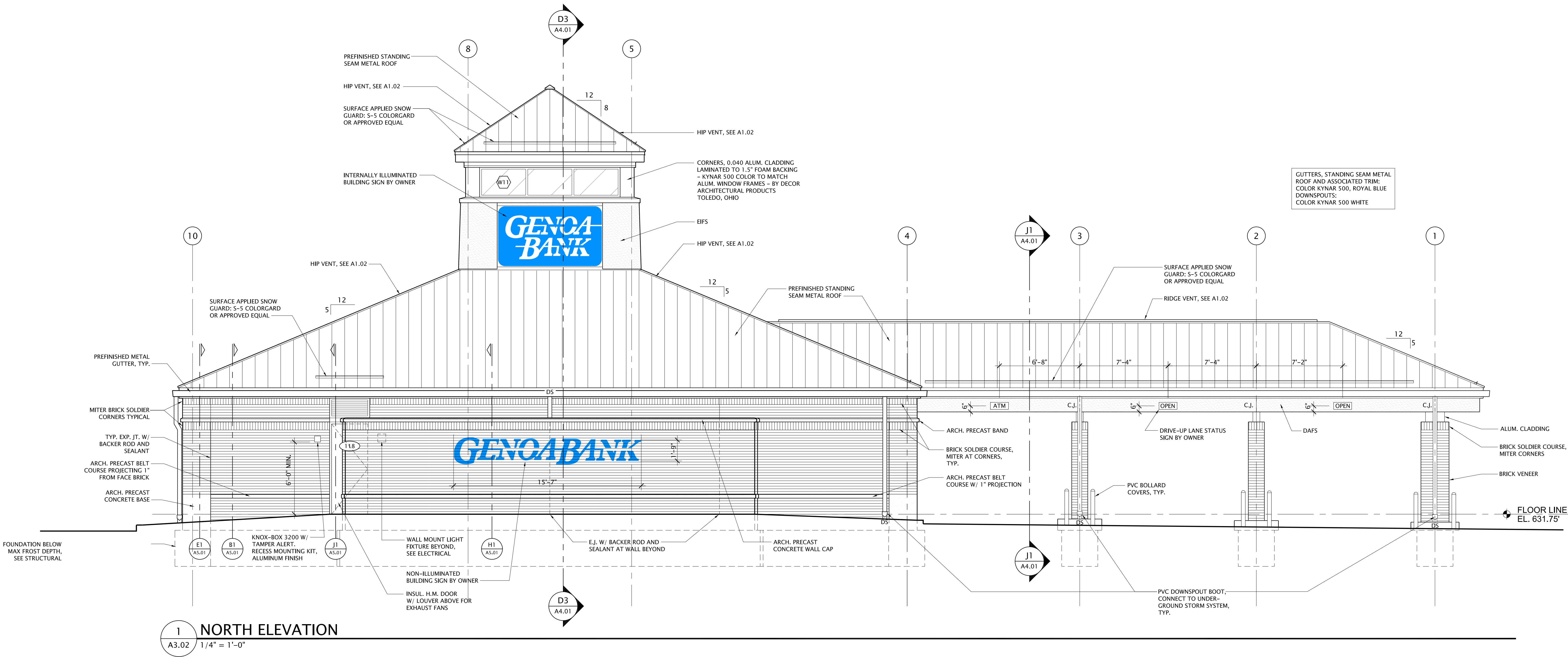
DAP COMMISSION NUMBER: 22019

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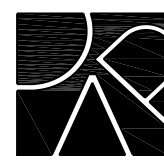
EXTERIOR ELEVATIONS

DRAWING NUMBER

A3.02







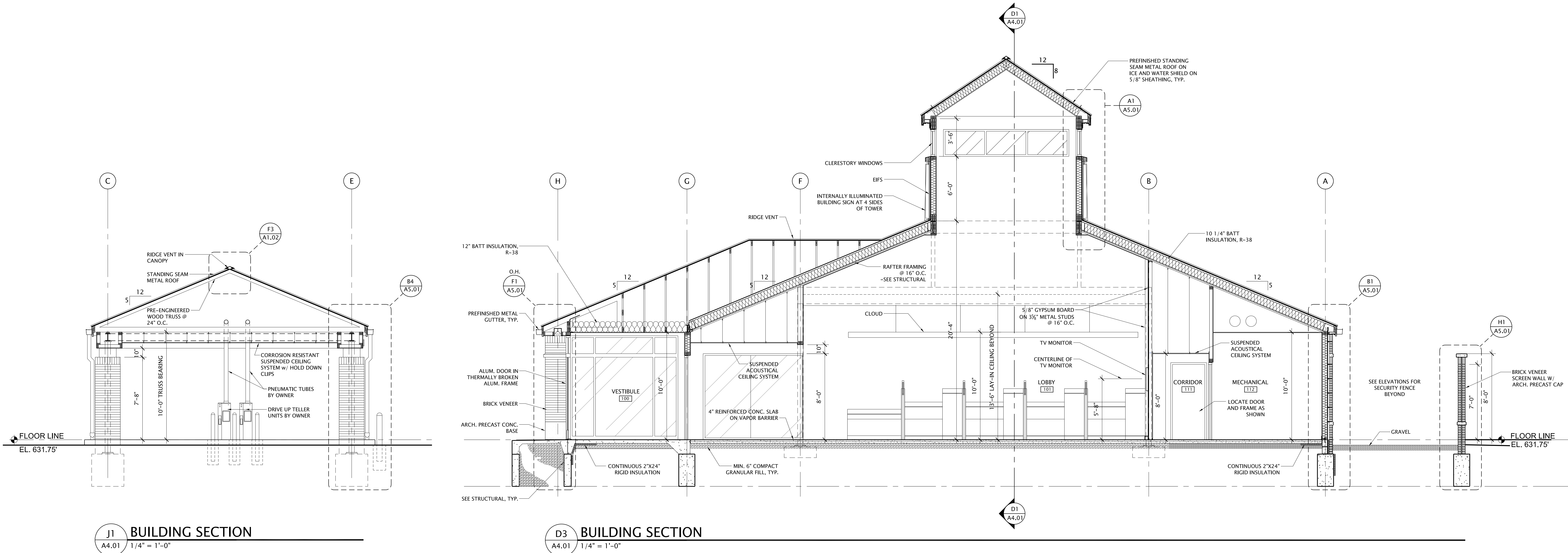
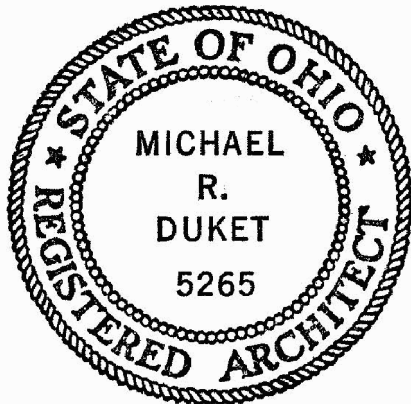
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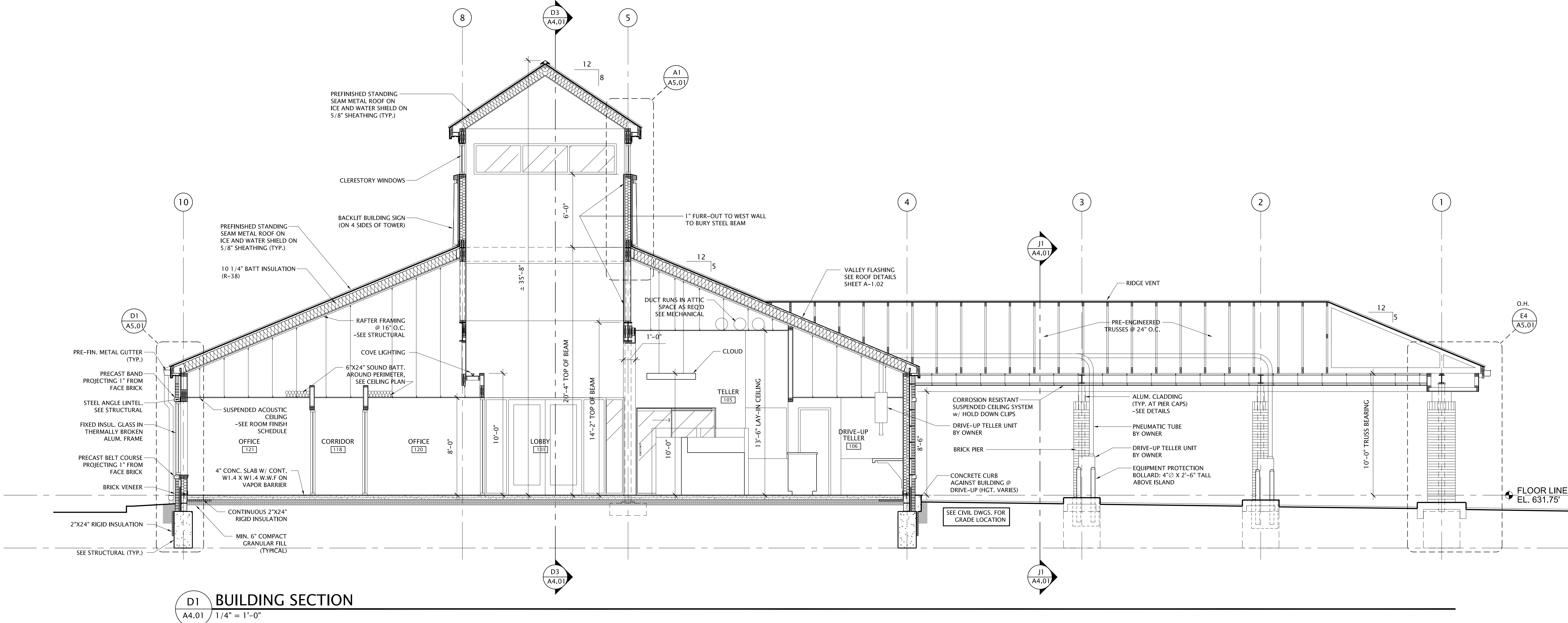
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J1 BUILDING SECTION  
A4.01 1/4" = 1'-0"

D3 BUILDING SECTION  
A4.01 1/4" = 1'-0"



D1 BUILDING SECTION  
A4.01 1/4" = 1'-0"

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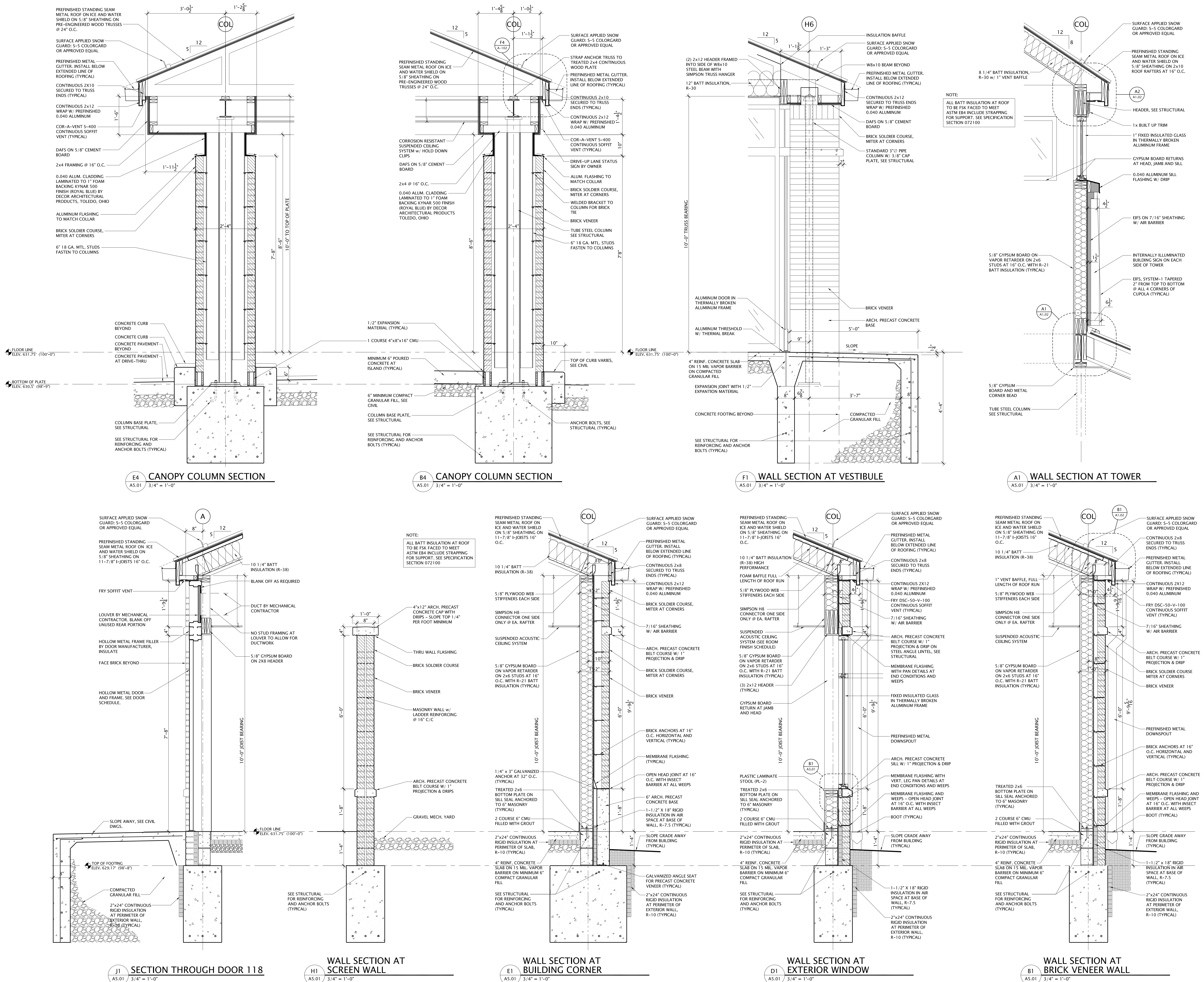
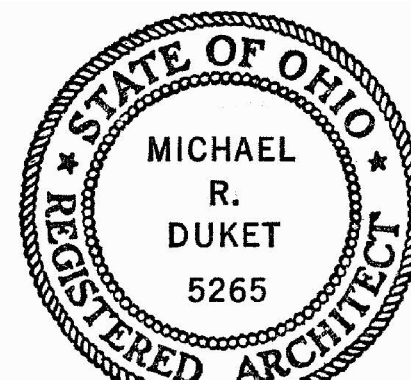
BUILDING SECTIONS

DRAWING NUMBER

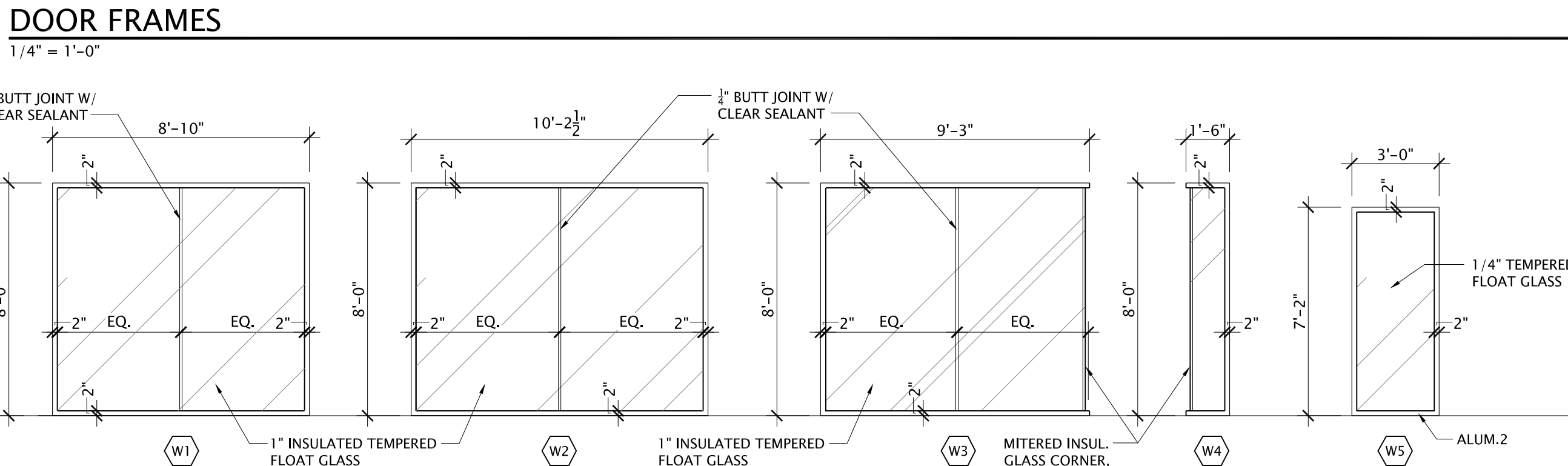
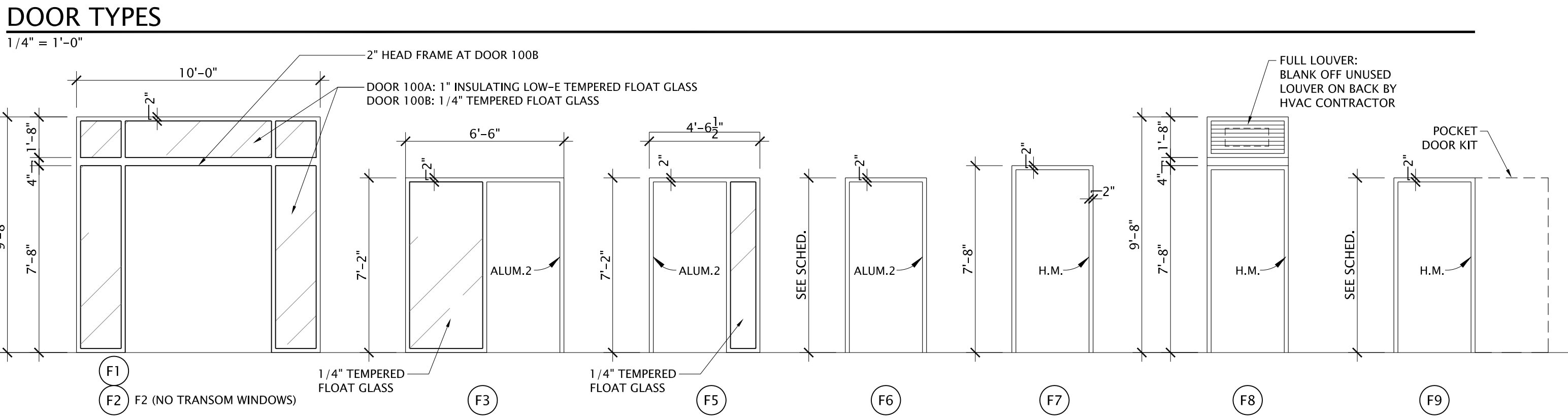
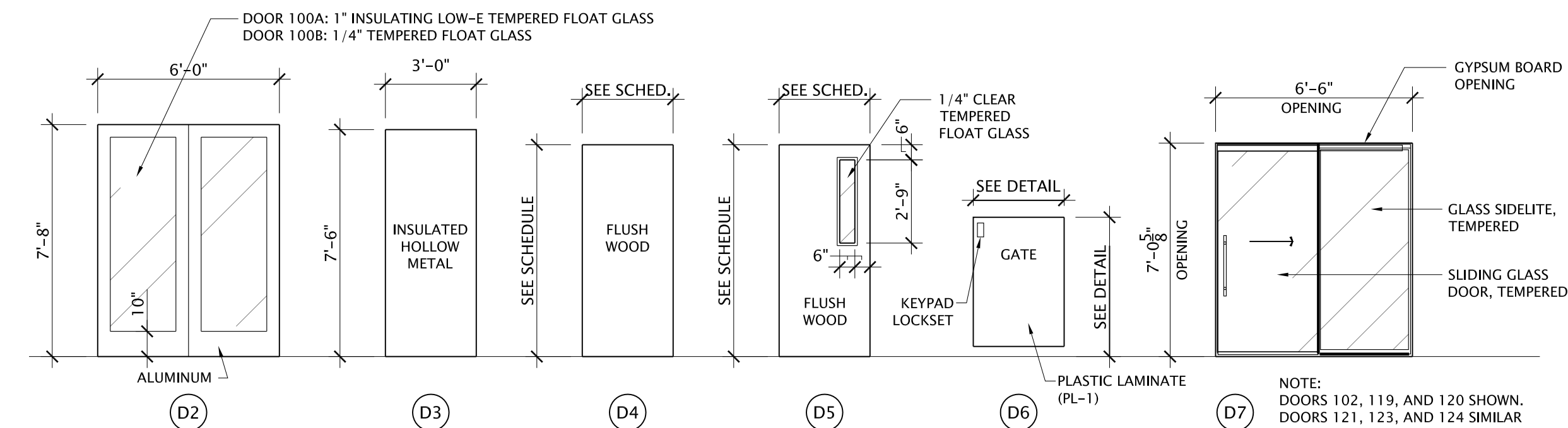
A4.01

Genoa Bank  
Fremont Branch Bank  
1701 West State Street (Route 20)  
Fremont, (Sandusky County) Ohio 43420







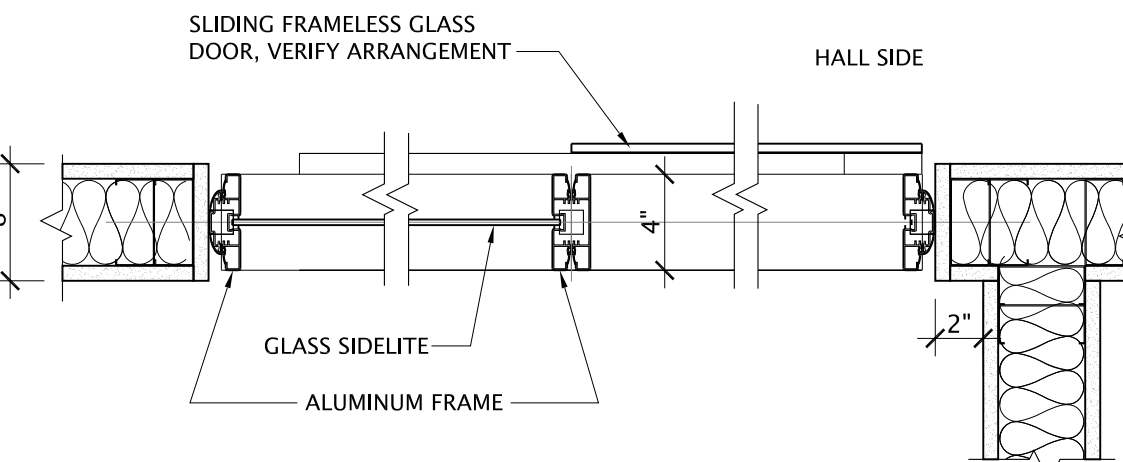


INTERIOR ALUMINUM FRAMED WINDOWS  
1/4" = 1'-0"

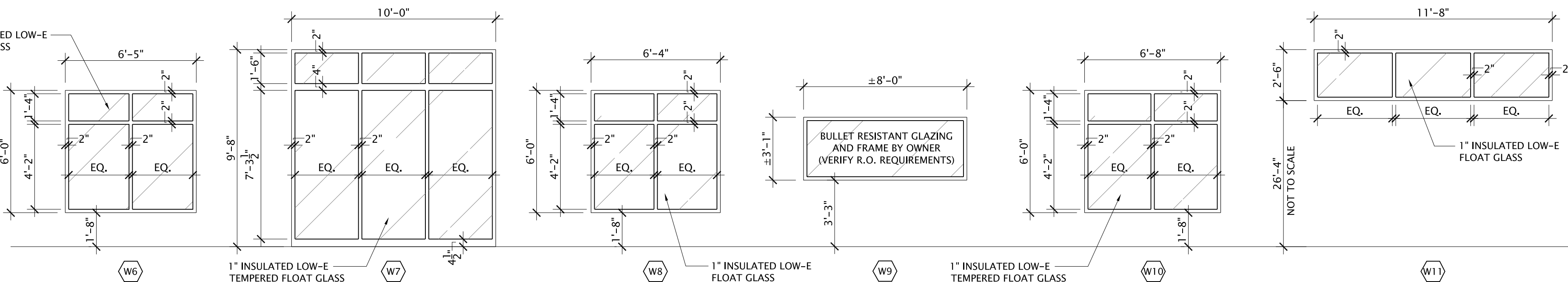
DOOR SCHEDULE													
DOOR NO.	DOOR SIZE	DOOR			HDMR SET	FRAME			DETAILS			LABEL	REMARKS
		MATERIAL	TYPE	FINISH		MATERIAL	TYPE	FINISH	HEAD	JAMB	SILL		
100A	(2) 3'-0" X 7'-8" X 1-3/4"	ALUM.	D2	PREFRL	1	ALUM. TYPE 1	F1	PREFRL	D3/E3	D2	D1/E1	-	
100B	(2) 3'-0" X 7'-8" X 1-3/4"	ALUM.	E2	PREFRL	1	ALUM. TYPE 1	F2	PREFRL	B3/J3	D2	C1/D1	-	
102	6'-0" X 7'-0-5/8" VERIFY W/ MFG.	GLASS	D7	PREFRL	11	ALUM. TYPE 3	-	-	-	K1	-	-	
103	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	2	ALUM. TYPE 2	F5	PREFRL	A3/B3	A2/B2	A1/B1	-	
105A	GATE - SEE SHEET A7.02	-	D6	-	4	-	-	-	-	-	-	-	
105B	3'-0" X 7'-0" X 1-3/4"	WOOD	D5	CLEAR	5	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
106	3'-0" X 7'-0" X 1-3/4"	H.M.	D3	PAINT	9	H.M.	F7	PAINT	F3	F2	F1	-	
107	3'-0" X 7'-0" X 1-3/4" ROCKET	WOOD	D4	CLEAR	12	H.M.	F9	PAINT	-	-	-	-	POCKET DOOR KIT
108	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	10	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
109	3'-0" X 7'-0" X 1-3/4"	WOOD	D5	CLEAR	5	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
110	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	6	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
111	3'-0" X 7'-0" X 1-3/4"	WOOD	D5	CLEAR	5	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
112	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	8	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
113	2'-6" X 7'-0" X 1-3/4"	WOOD	D5	CLEAR	6	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
114	3'-0" X 7'-0" X 1-3/4"	WOOD	D5	CLEAR	2	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
115	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	6	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
116	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	7	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	UNDERCUT
117	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	7	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	UNDERCUT
118	3'-0" X 7'-0" X 1-3/4"	H.M.	D3	PAINT	3	H.M.	F8	PAINT	SEE J1/A5.01	F2	F1 SIM/NO CURB	-	
119	6'-0" X 7'-0-5/8" VERIFY W/ MFG.	GLASS	D7	PREFRL	11	ALUM. TYPE 3	-	-	-	K1	-	-	
120	6'-0" X 7'-0-5/8" VERIFY W/ MFG.	GLASS	D7	PREFRL	11	ALUM. TYPE 3	-	-	-	K1	-	-	
121	6'-0" X 7'-0-5/8" VERIFY W/ MFG.	GLASS	D7	PREFRL	11	ALUM. TYPE 3	-	-	-	K1	-	-	
122	6'-0" X 7'-0-5/8" VERIFY W/ MFG.	GLASS	D7	PREFRL	11	ALUM. TYPE 3	-	-	-	K1	-	-	
124	6'-0" X 7'-0-5/8" VERIFY W/ MFG.	GLASS	D7	PREFRL	11	ALUM. TYPE 3	-	-	-	K1	-	-	
126	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	2	ALUM. TYPE 2	F3/O.H.	PREFRL	A3/B3	A2/B2	A1/B1	-	
127	3'-0" X 7'-0" X 1-3/4"	WOOD	D5	CLEAR	6	ALUM. TYPE 2	F6	PREFRL	A3	A2	A1	-	
128	3'-0" X 7'-0" X 1-3/4"	WOOD	D4	CLEAR	2	ALUM. TYPE 2	F5	PREFRL	A3/B3	A2/B2	A1/B1	-	

REMARKS: ALUM. TYPE 1: SEE SPECIFICATION SECTION 084110 - ALUMINUM FRAMED ENTRANCES AND STOREFRONT  
ALUM. TYPE 2: SEE SPECIFICATION SECTION 081210 - INTERIOR ALUMINUM FRAMES  
ALUM. TYPE 3: SEE SPECIFICATION SECTION 102200 - DEMOUNTABLE PARTITIONS

WINDOW SCHEDULE							REMARKS
FRAME			DETAILS				
MATERIAL	TYPE	FINISH	HEAD	JAMB	SILL		
ALUM. 1	W1	PREFIN.	C3	C2	C1		
ALUM. 1	W2	PREFIN.	C3	C2	C1		
ALUM. 1	W3	PREFIN.	C3	C2, C4	C1		
ALUM. 1	W4	PREFIN.	C3	C2, C4	C1		
ALUM. 1	W5	PREFIN.	B3	B2	B1		
ALUM. 1	W6	PREFIN.	C3	G2	G1		
ALUM. 1	W7	PREFIN.	E3	E2	E1		
ALUM. 1	W8	PREFIN.	C3	G2	G1		
ALUM. 1	W9	PREFIN.	G3 SIM.	G2 SIM.	G1 SIM.	SEE MANUFACTURER	
ALUM. 1	W10	PREFIN.	G3	G2	G1		
ALUM. 1	W11	PREFIN.	H3	H2	H1		

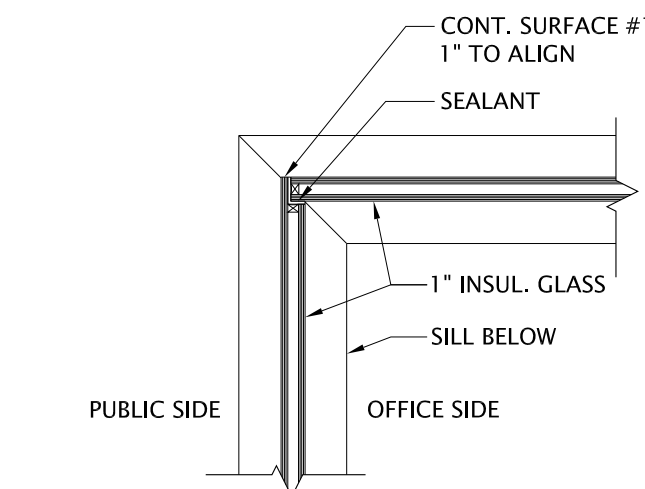


K1 JAMB DETAILS  
A6.01 1-1/2" = 1'-0"  
NOTE: HEAD DETAIL SIMILAR

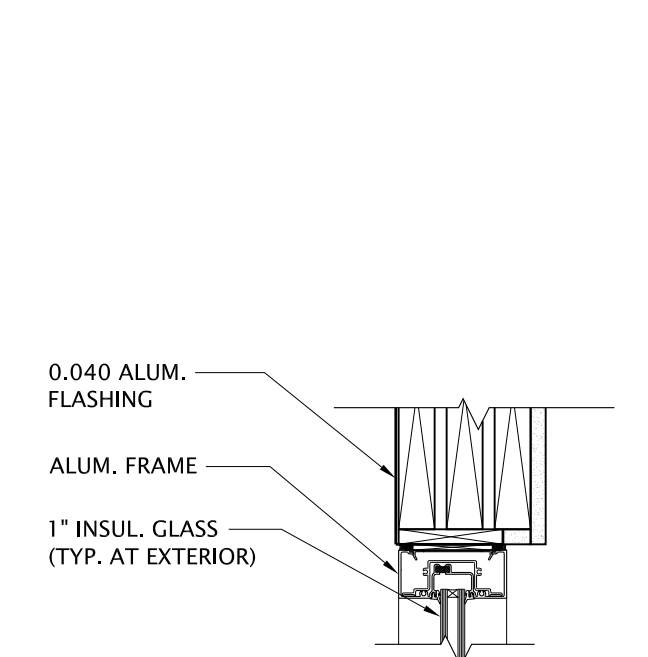


EXTERIOR ALUMINUM FRAMED WINDOWS  
1/4" = 1'-0"

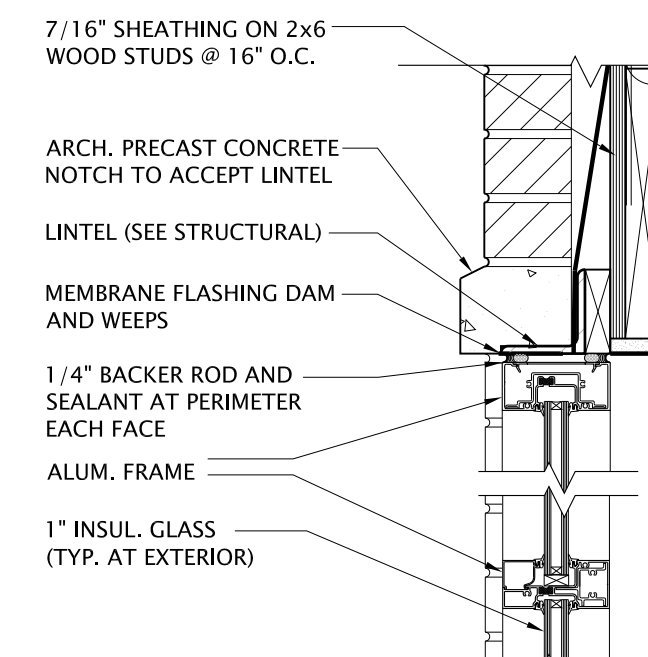
NOTE: ALL EXTERIOR ALUMINUM FRAMING TO BE THERMALLY BROKEN



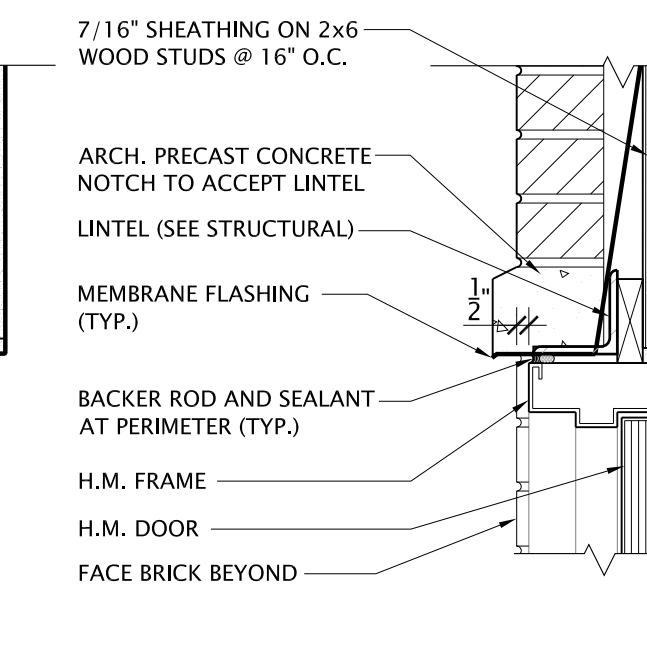
C4 CORNER DETAIL  
A6.01 1-1/2" = 1'-0"



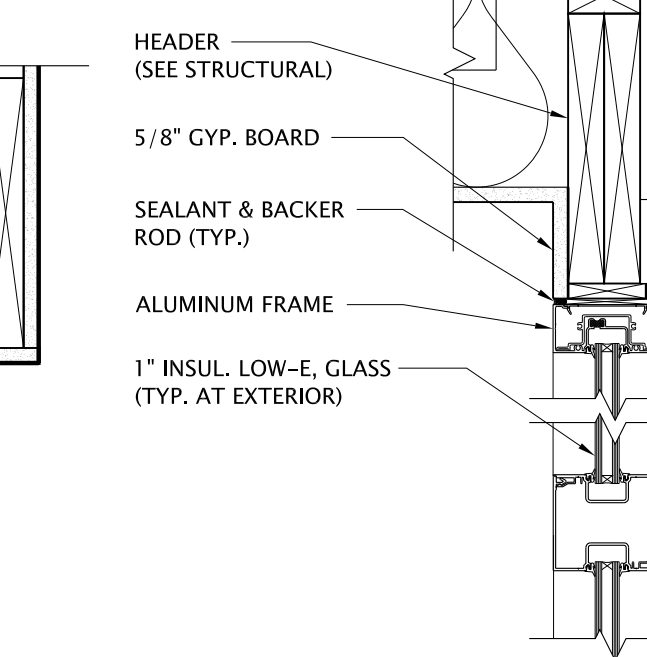
H3 HEAD DETAIL  
A6.01 1-1/2" = 1'-0"



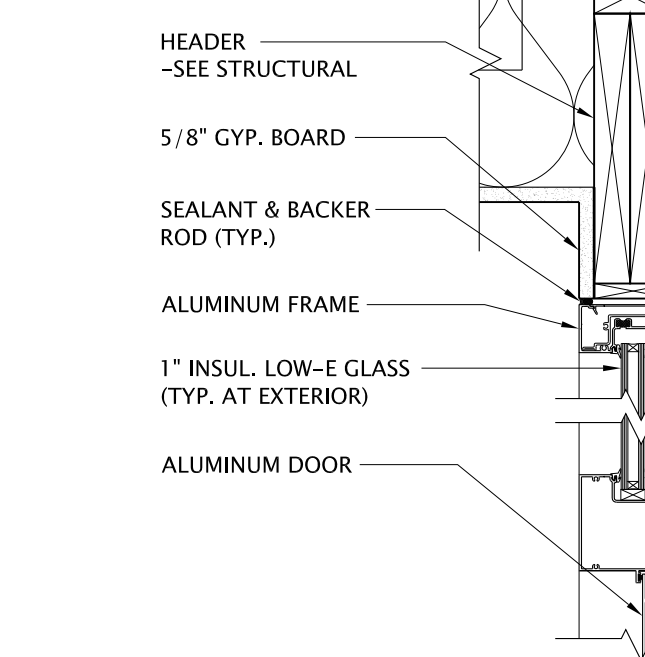
G3 HEAD DETAIL  
A6.01 1-1/2" = 1'-0"



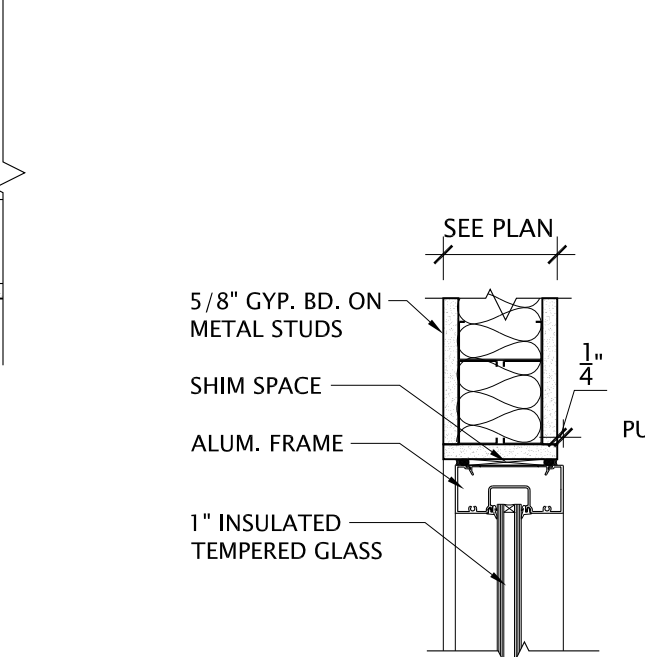
F3 HEAD DETAIL  
A6.01 1-1/2" = 1'-0"



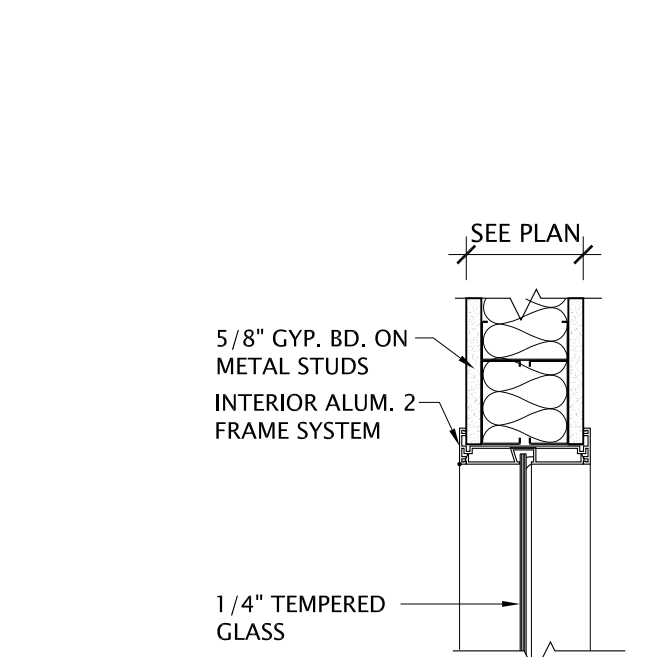
E3 HEAD DETAIL  
A6.01 1-1/2" = 1'-0"



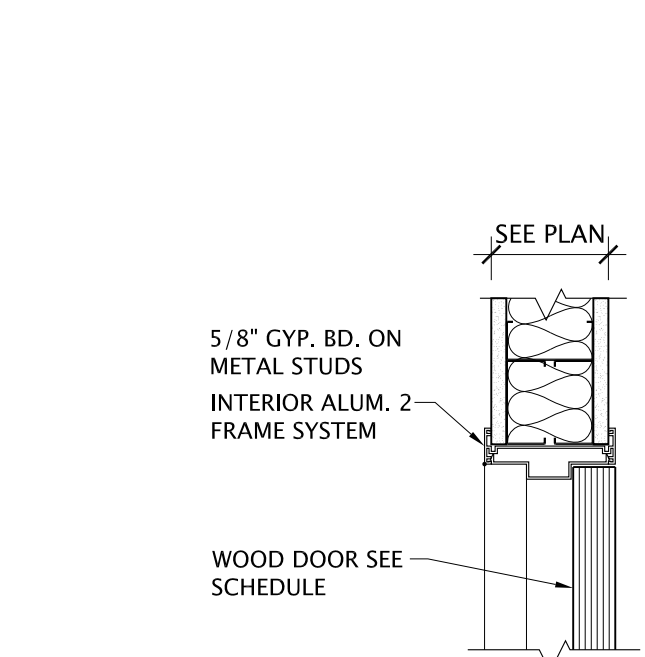
D3 HEAD DETAIL  
A6.01 1-1/2" = 1'-0"



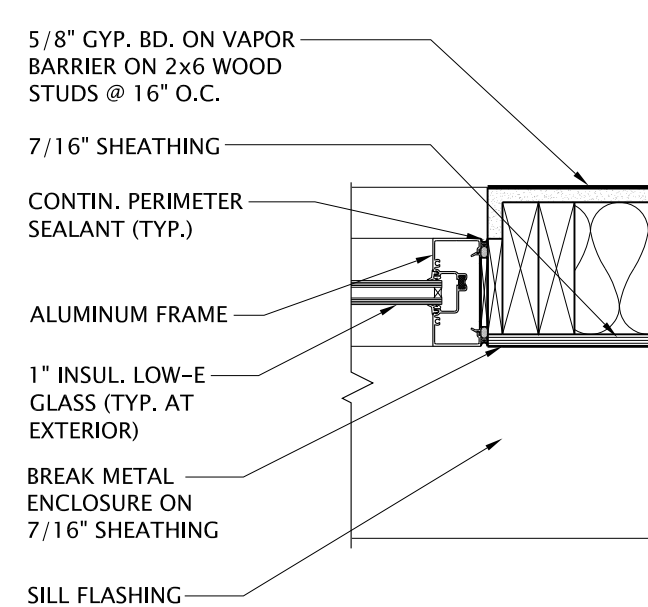
C3 HEAD DETAIL  
A6.01 1-1/2" = 1'-0"



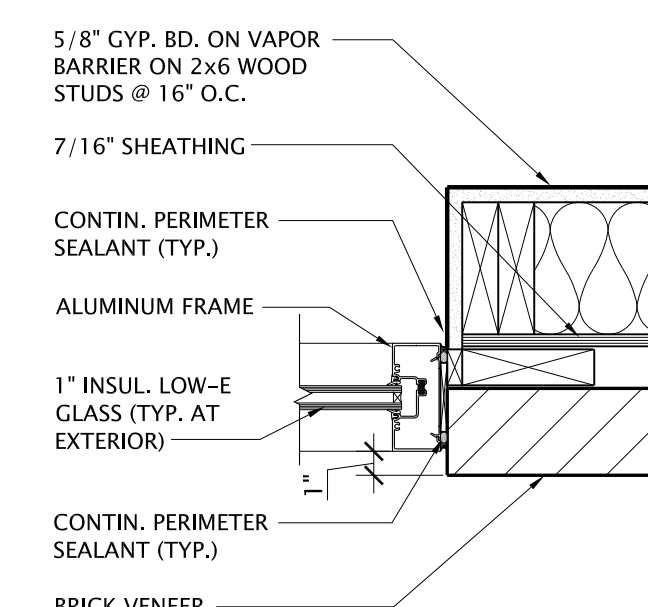
B3 HEAD DETAIL  
A6.01 1-1/2" = 1'-0"



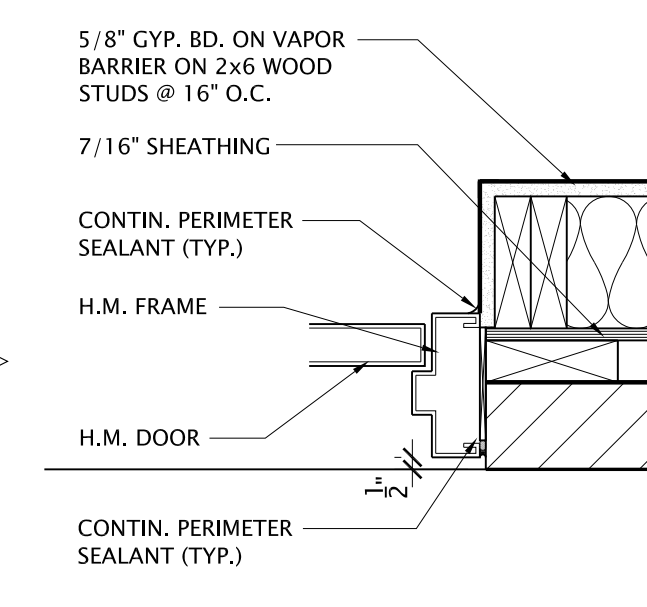
A3 HEAD DETAIL  
A6.01 1-1/2" = 1'-0"



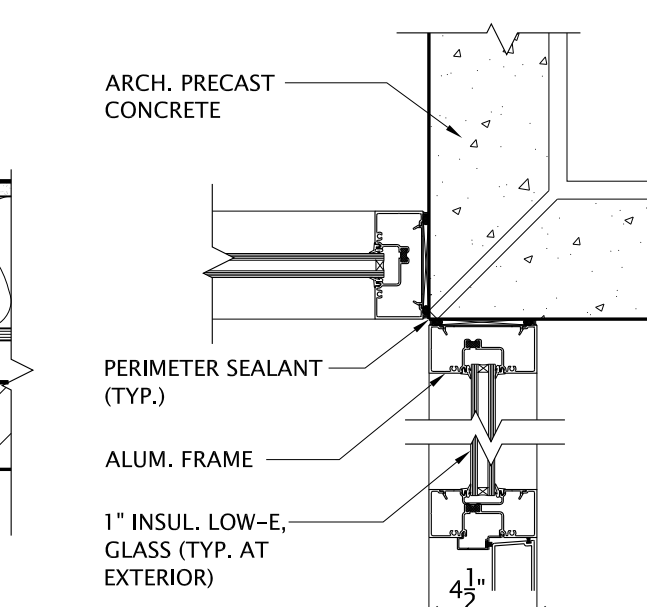
H2 JAMB DETAIL  
A6.01 1-1/2" = 1'-0"



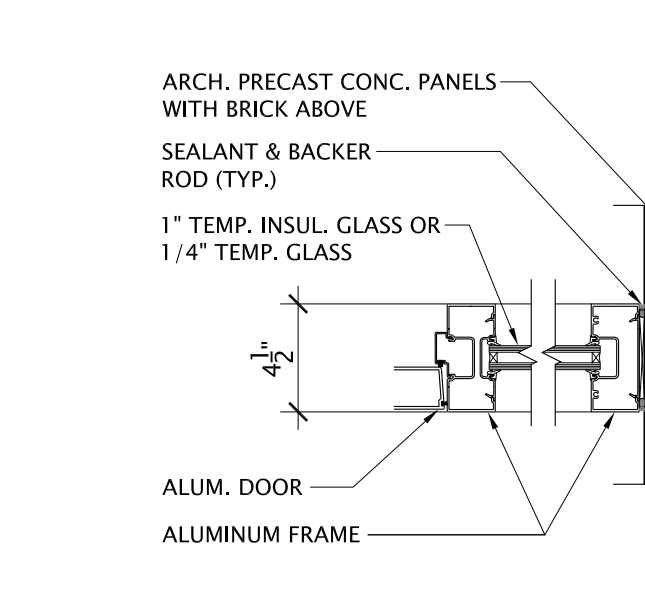
G2 JAMB DETAIL  
A6.01 1-1/2" = 1'-0"



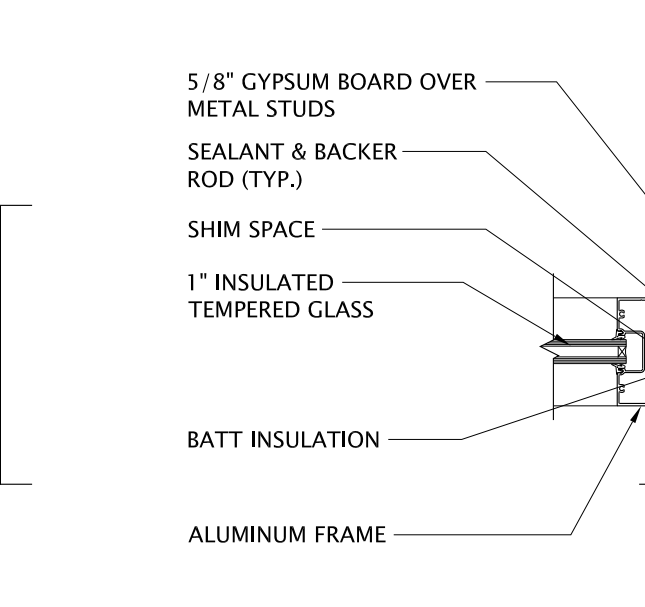
F2 JAMB DETAIL  
A6.01 1-1/2" = 1'-0"



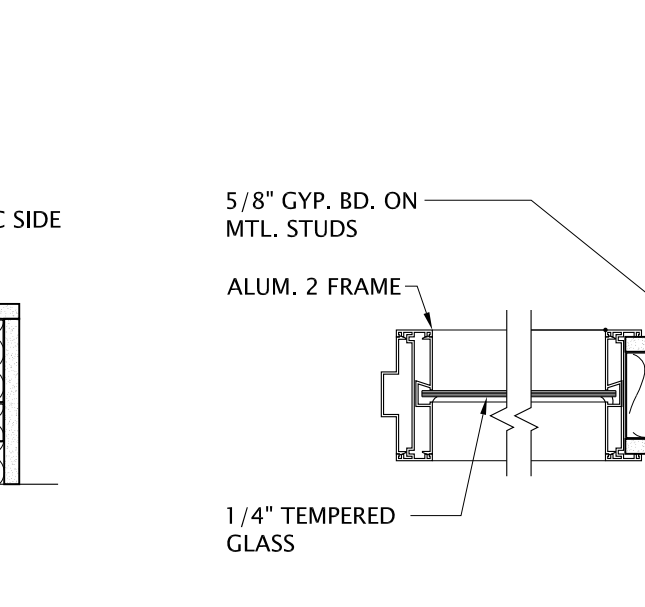
E2 JAMB DETAIL  
A6.01 1-1/2" = 1'-0"



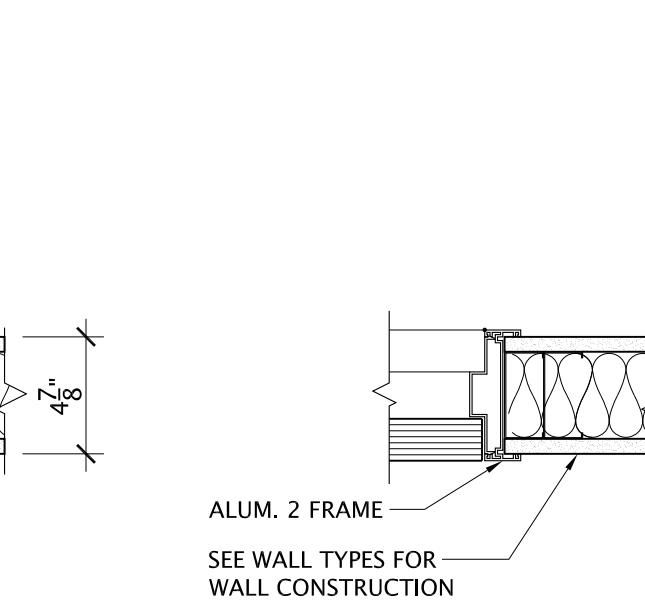
D2 JAMB DETAIL  
A6.01 1-1/2" = 1'-0"



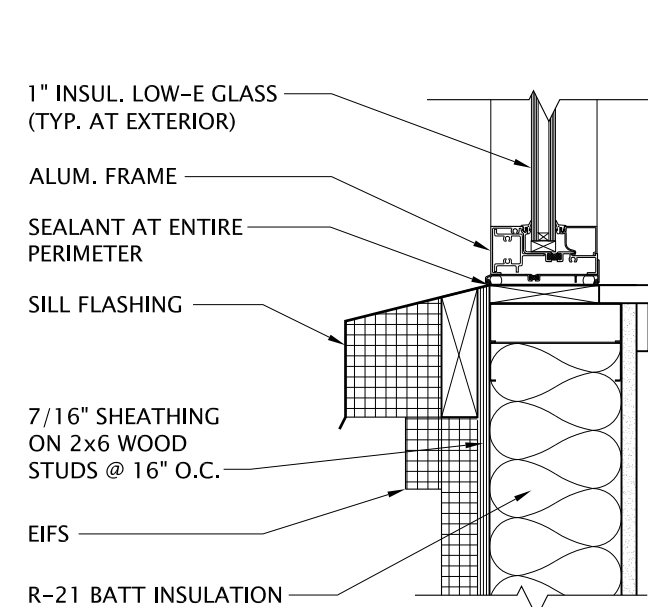
C2 JAMB DETAIL  
A6.01 1-1/2" = 1'-0"



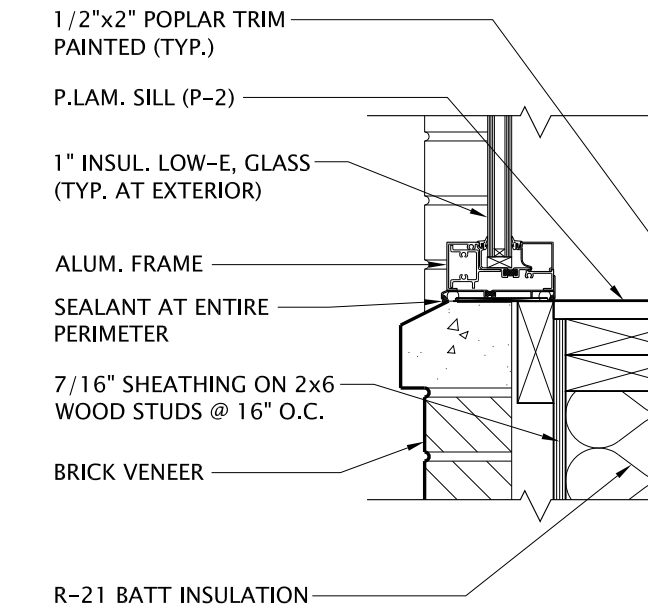
B2 JAMB DETAIL  
A6.01 1-1/2" = 1'-0"



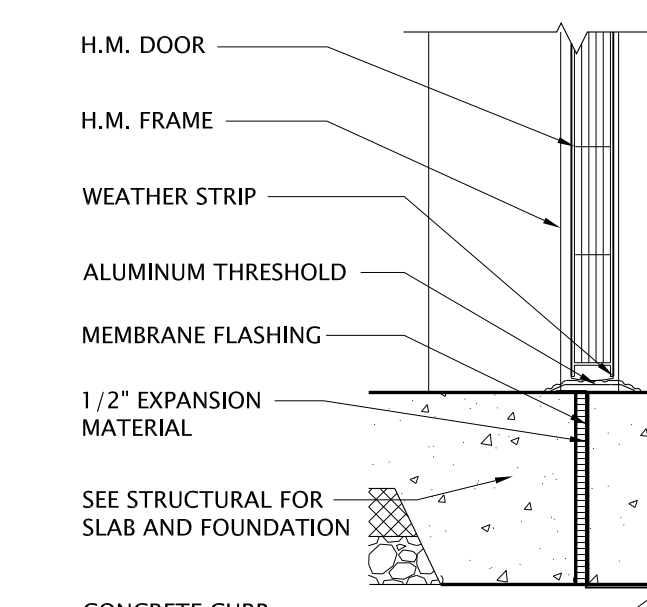
A2 JAMB DETAIL  
A6.01 1-1/2" = 1'-0"



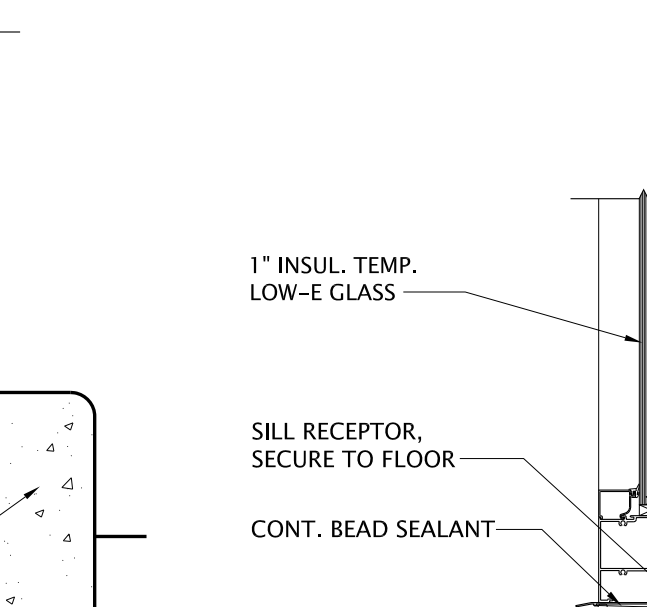
H1 SILL DETAIL  
A6.01 1-1/2" = 1'-0"



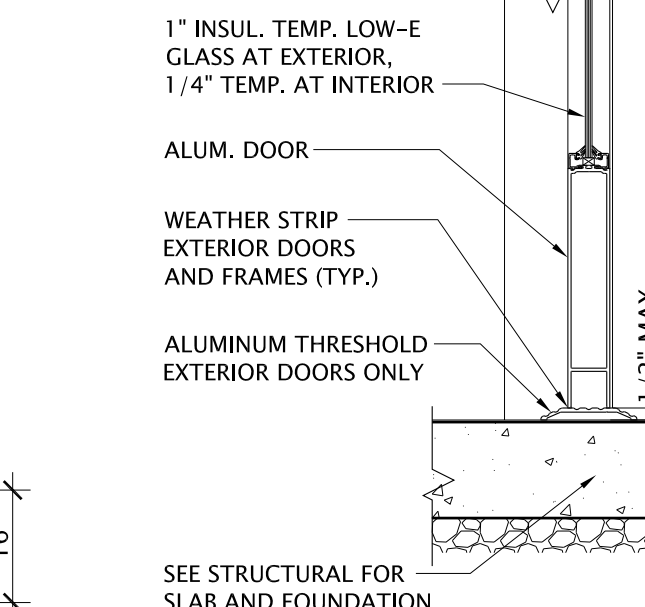
G1 SILL DETAIL  
A6.01 1-1/2" = 1'-0"



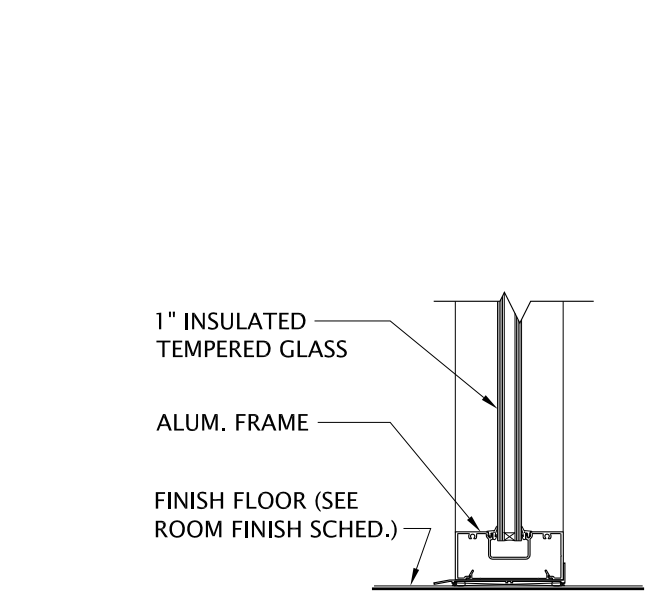
F1 SILL DETAIL  
A6.01 1-1/2" = 1'-0"



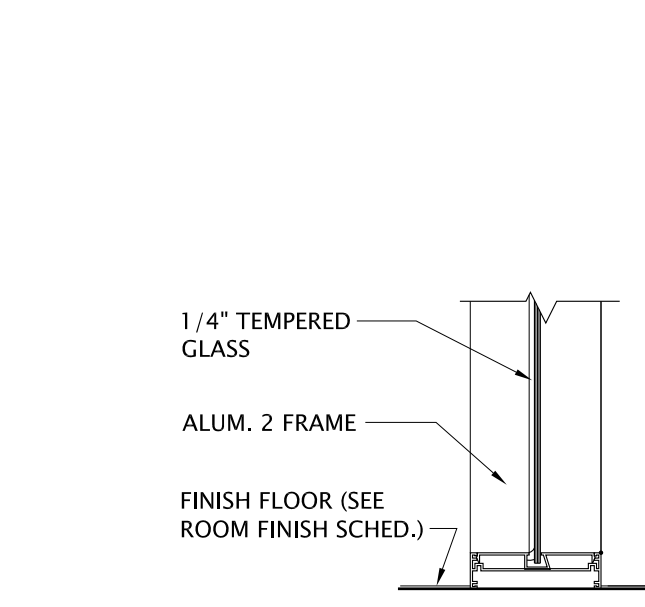
E1 SILL DETAIL  
A6.01 1-1/2" = 1'-0"



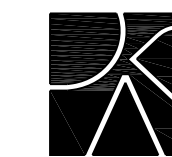
D1 SILL DETAIL  
A6.01 1-1/2" = 1'-0"



C1 SILL DETAIL  
A6.01 1-1/2" = 1'-0"







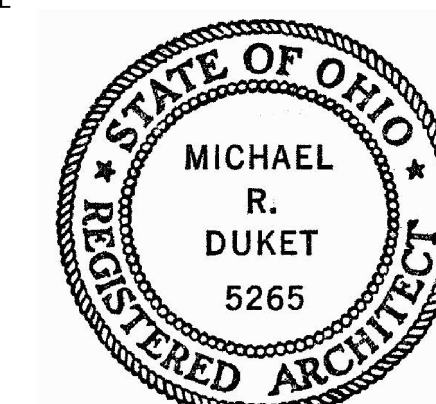
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Genoa Bank  
Fremont Branch Bank  
1701 West State Street (Route 20)  
Fremont, (Sandusky County) Ohio 43420

PROJECT TITLE

ISSUE OR REVISION

02.16.2023 PERMITS  
DATE ISSUE / REVISION

DRAWN: JT  
CHECKED: MD

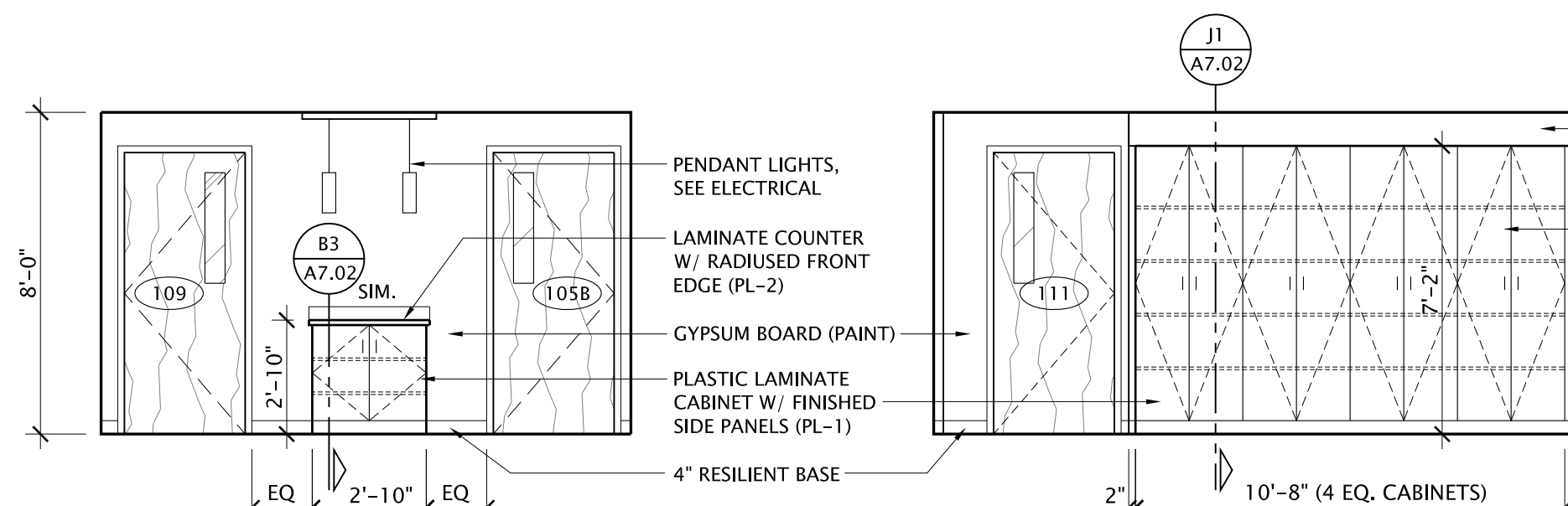
DAP COMMISSION NUMBER: 22019

DRAWING TITLE

INTERIOR ELEVATIONS

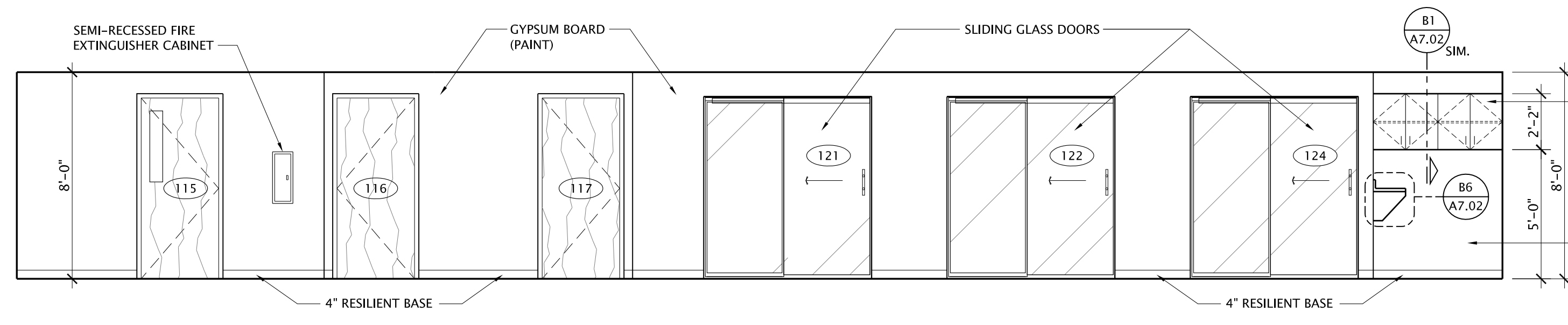
DRAWING NUMBER

A7.01

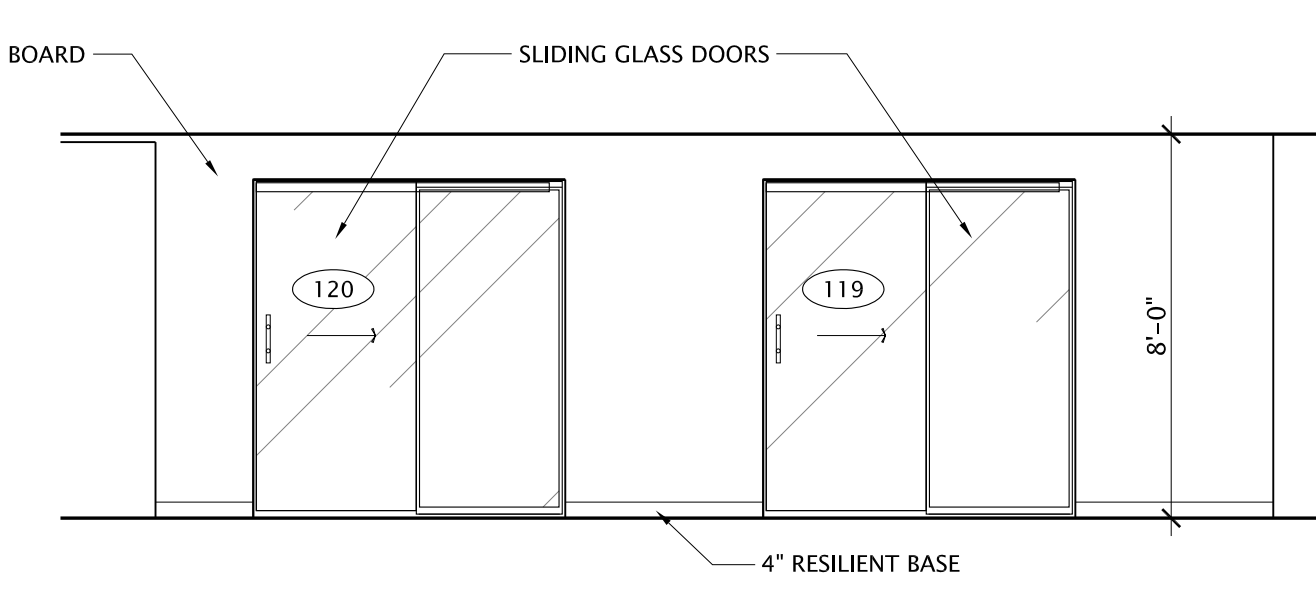


J4  
A7.01 1/4" = 1'-0"

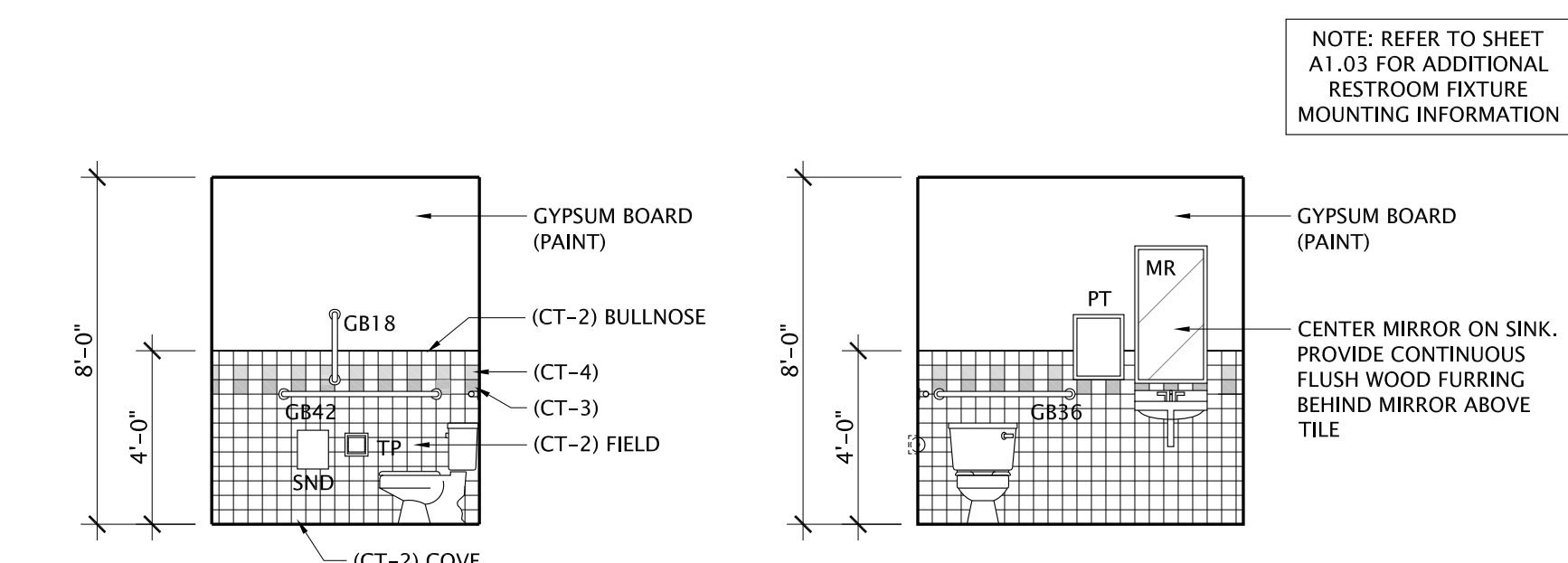
H7  
A7.01 1/4" = 1'-0"



F7  
A7.01 1/4" = 1'-0"

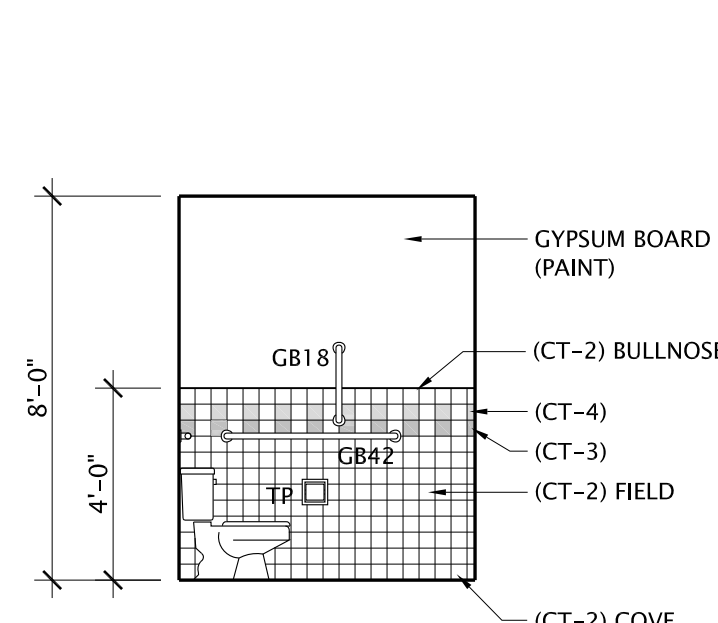


E7  
A7.01 1/4" = 1'-0"

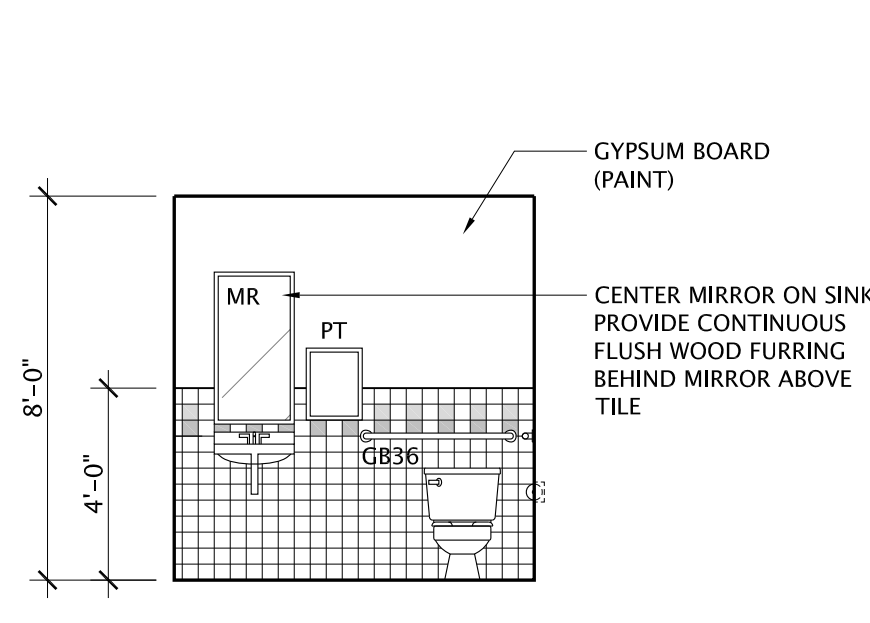


J6  
A7.01 1/4" = 1'-0"

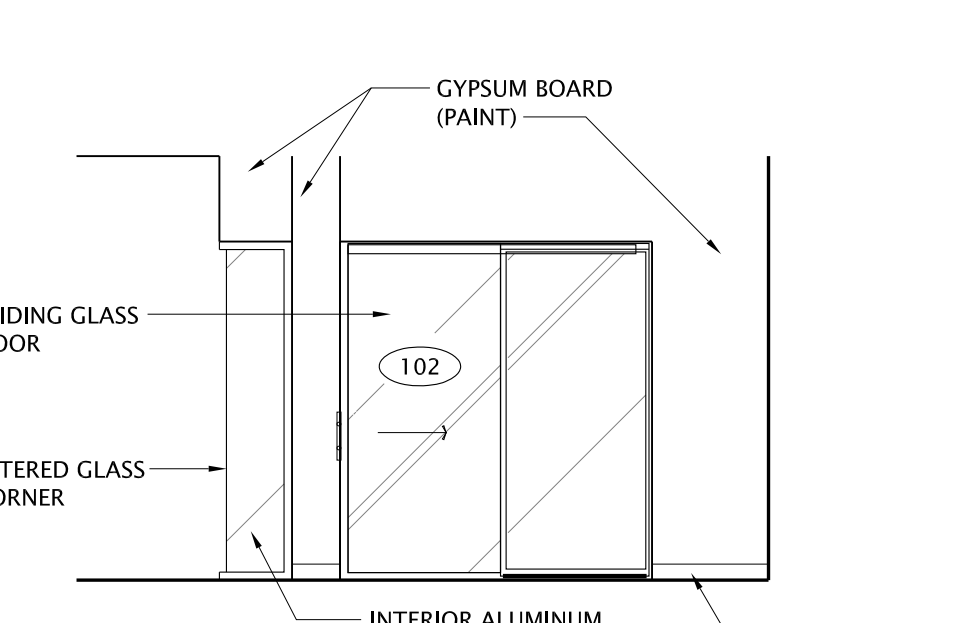
H6  
A7.01 1/4" = 1'-0"



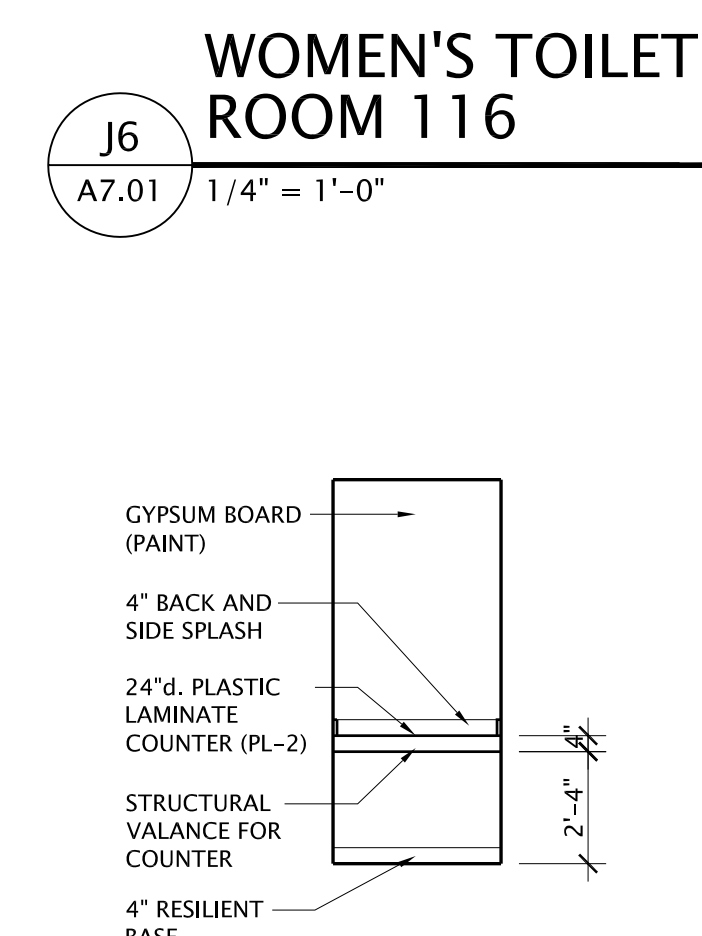
G6  
A7.01 1/4" = 1'-0"



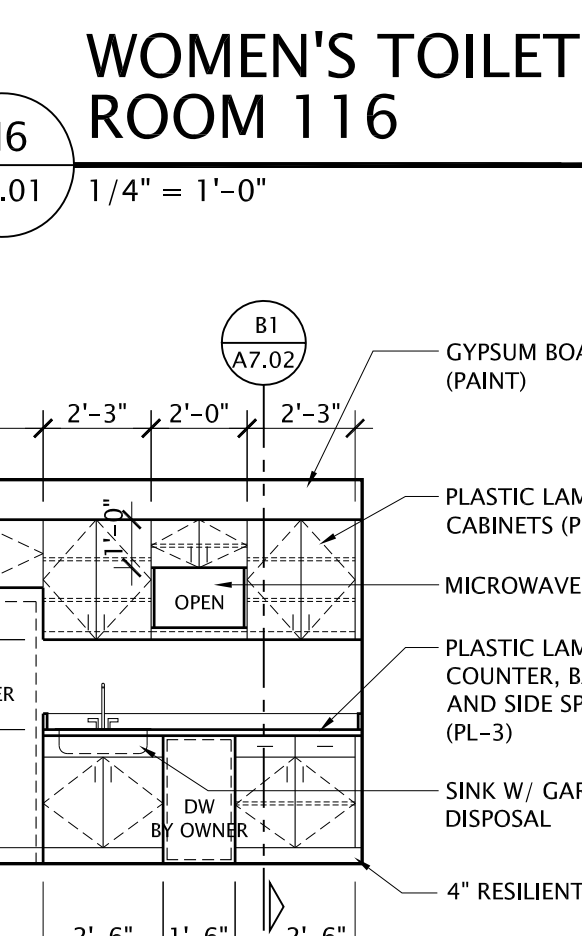
F6  
A7.01 1/4" = 1'-0"



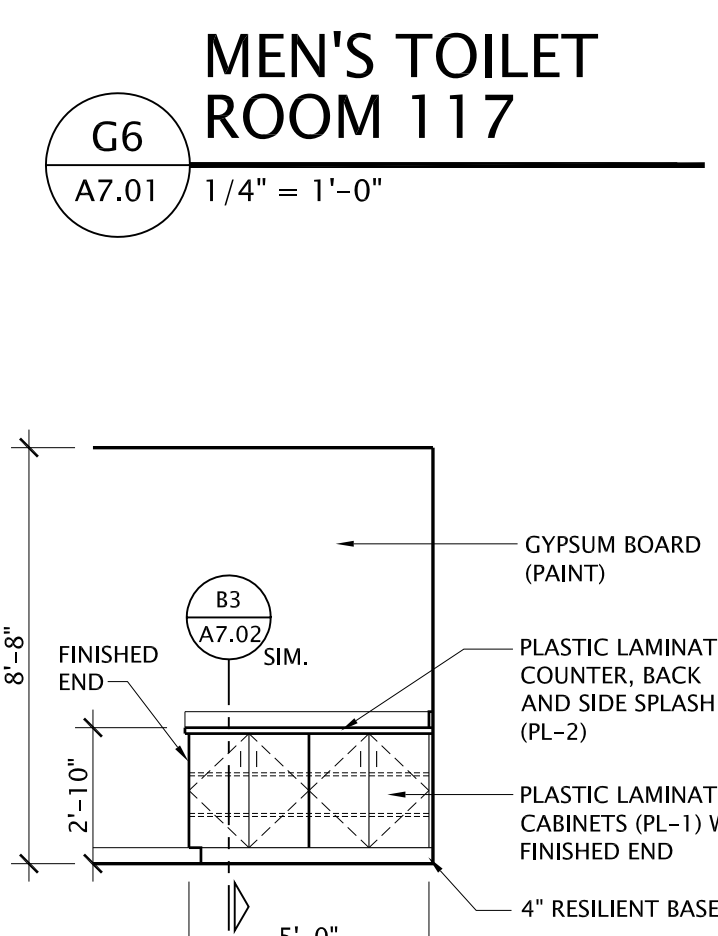
E6  
A7.01 1/4" = 1'-0"



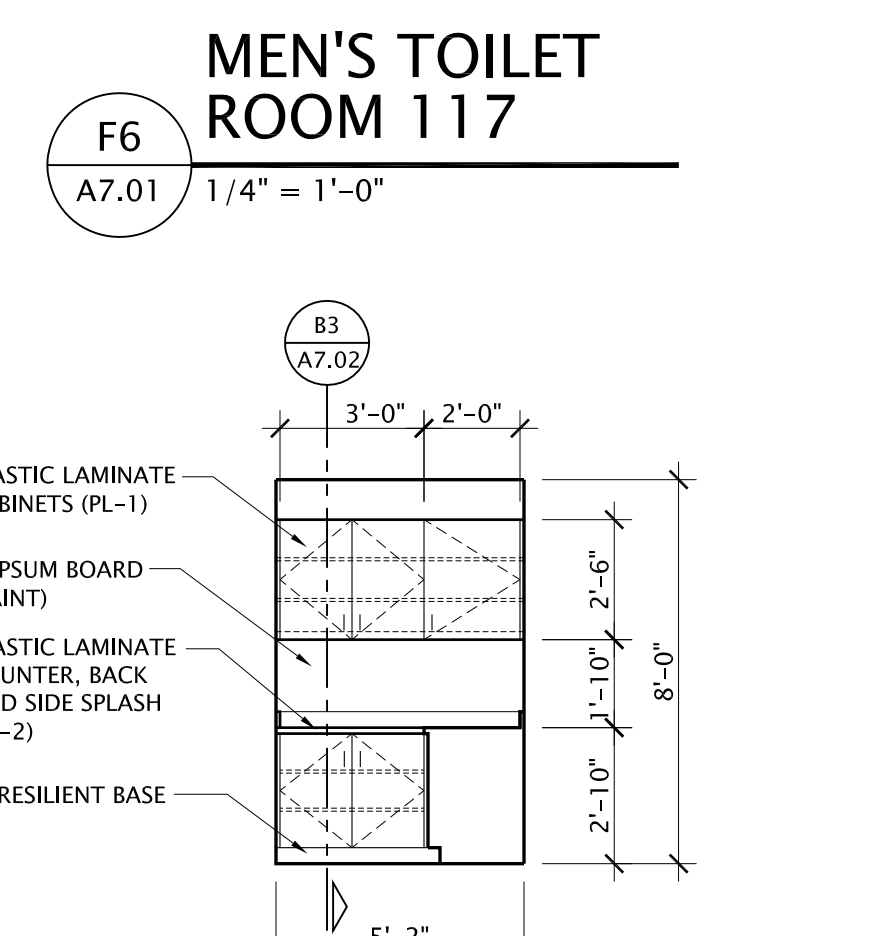
J7  
A7.01 1/4" = 1'-0"



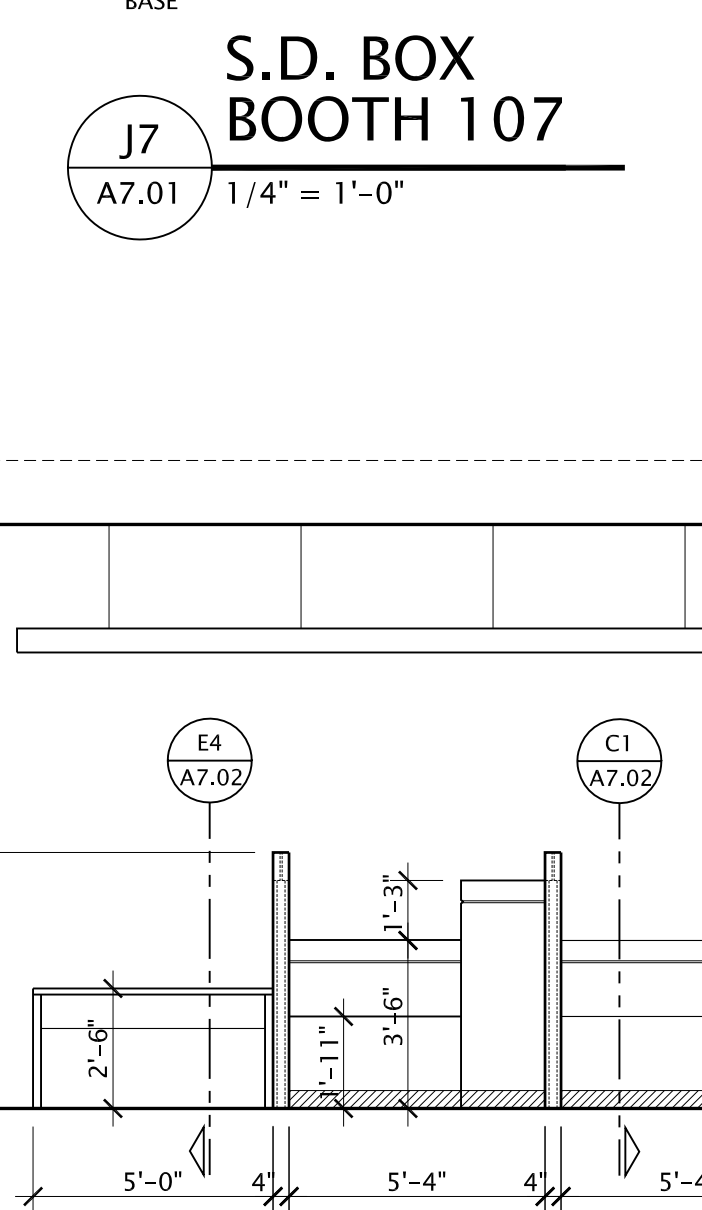
H4  
A7.01 1/4" = 1'-0"



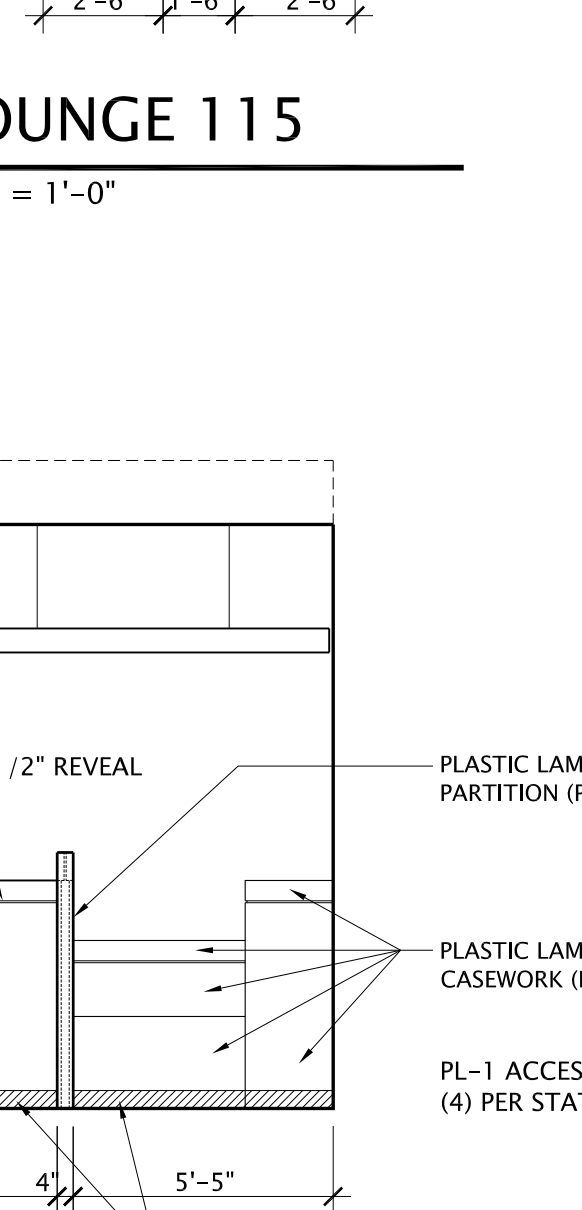
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A7.01 1/4" = 1'-0"



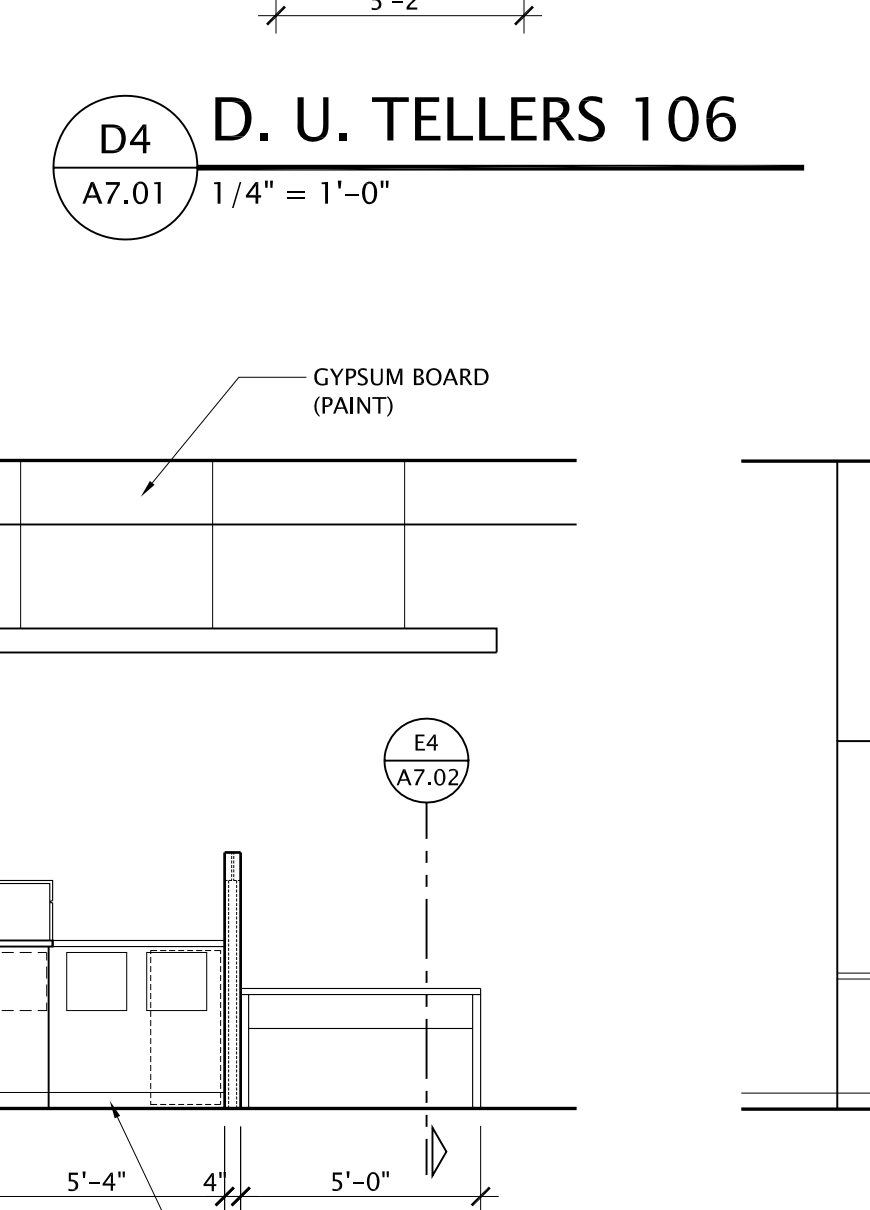
D4  
A7.01 1/4" = 1'-0"



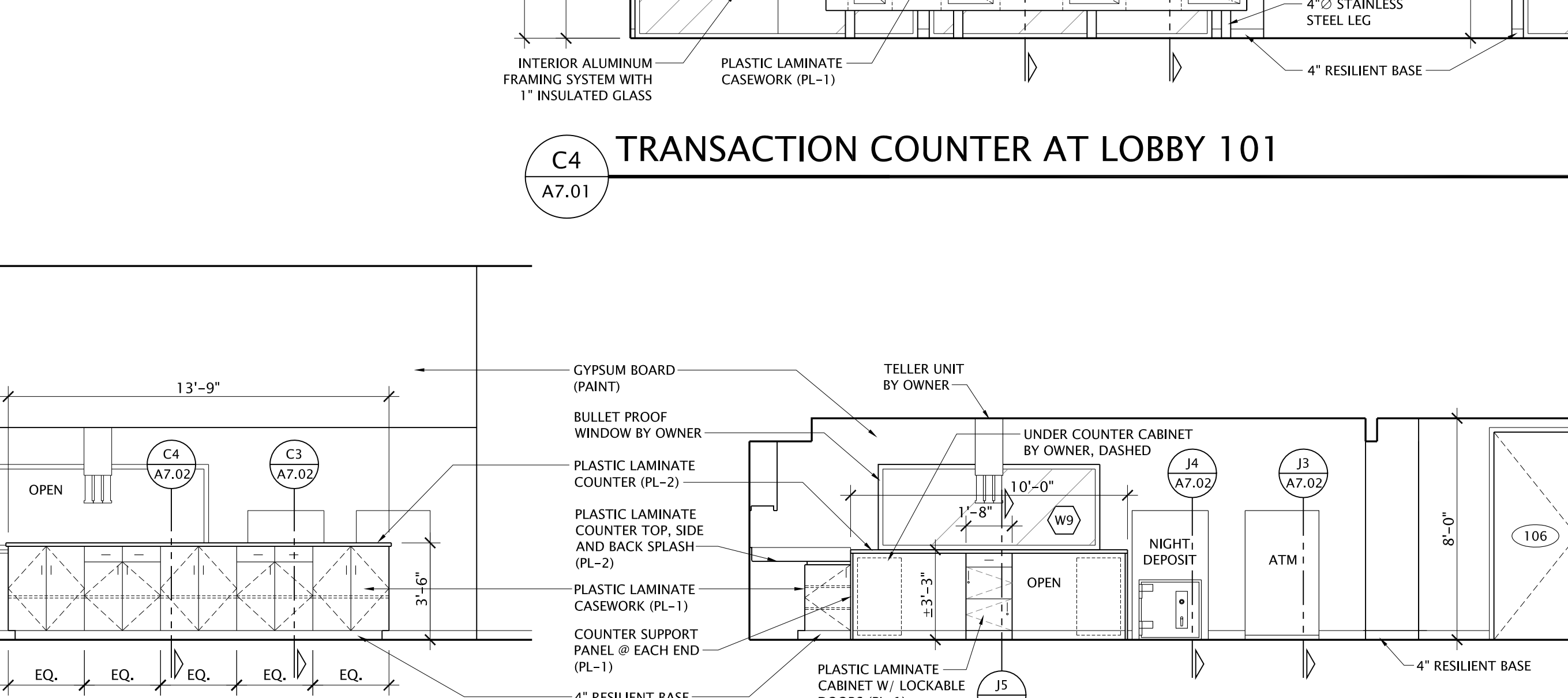
J3  
A7.01



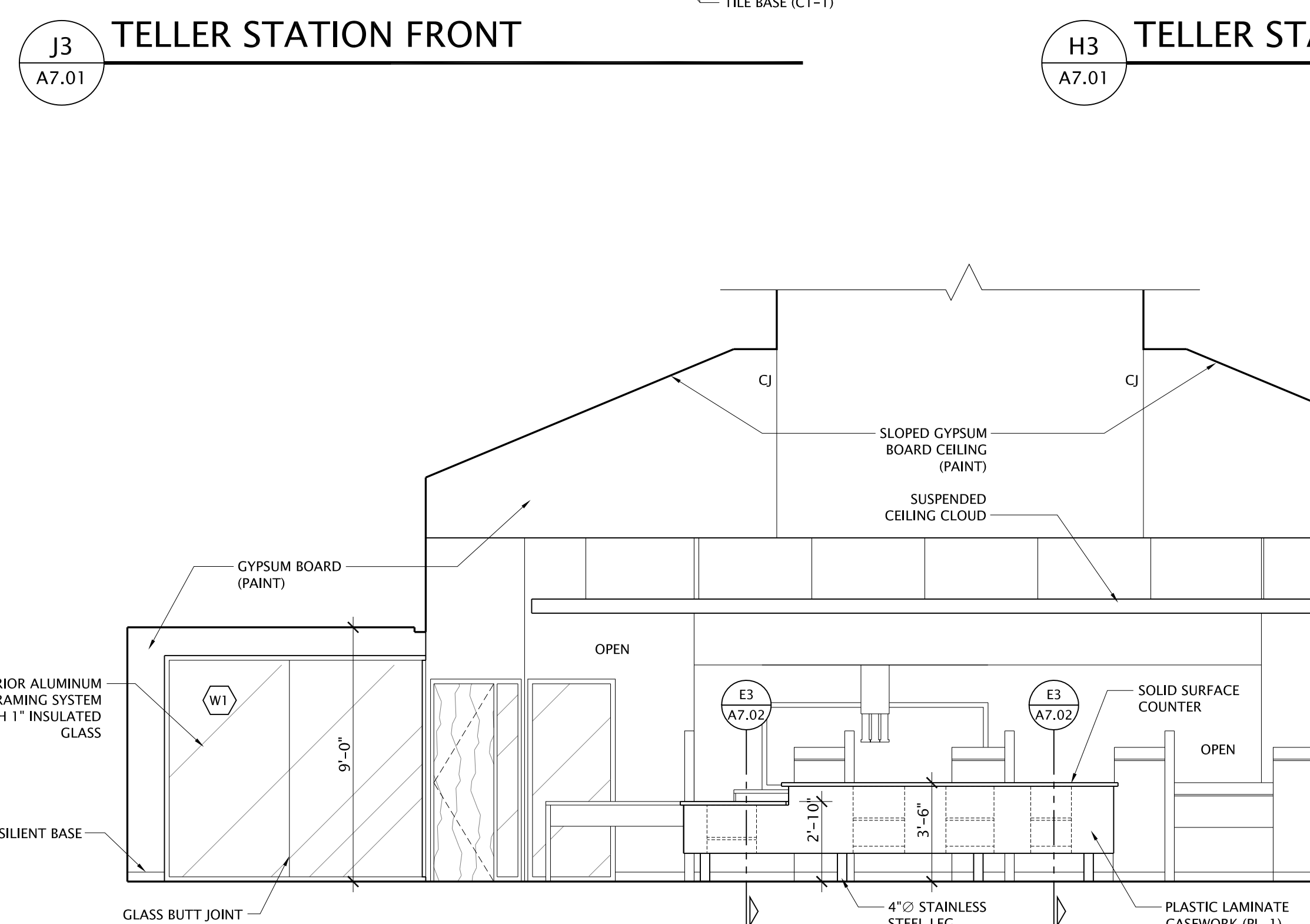
H3  
A7.01



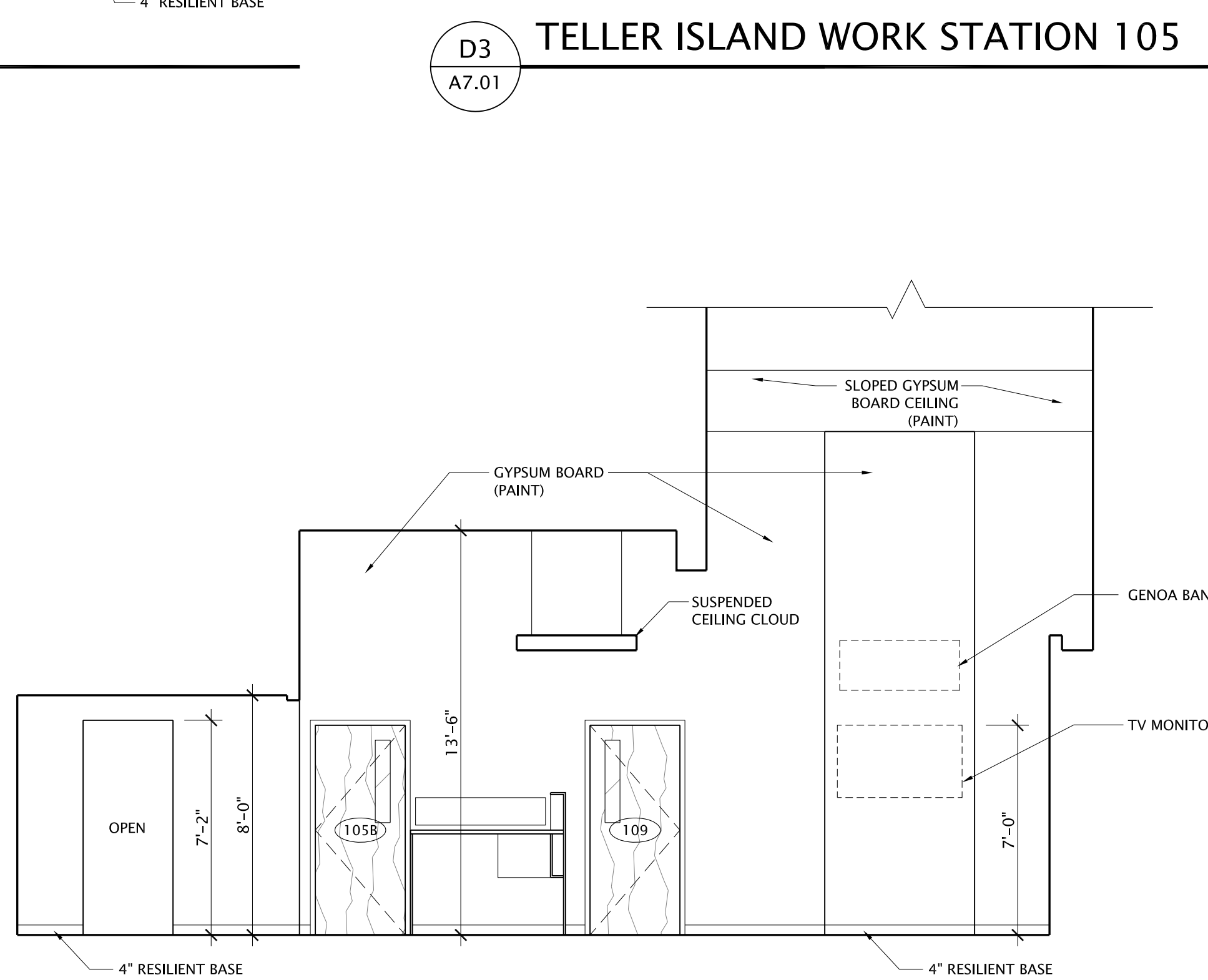
D3  
A7.01



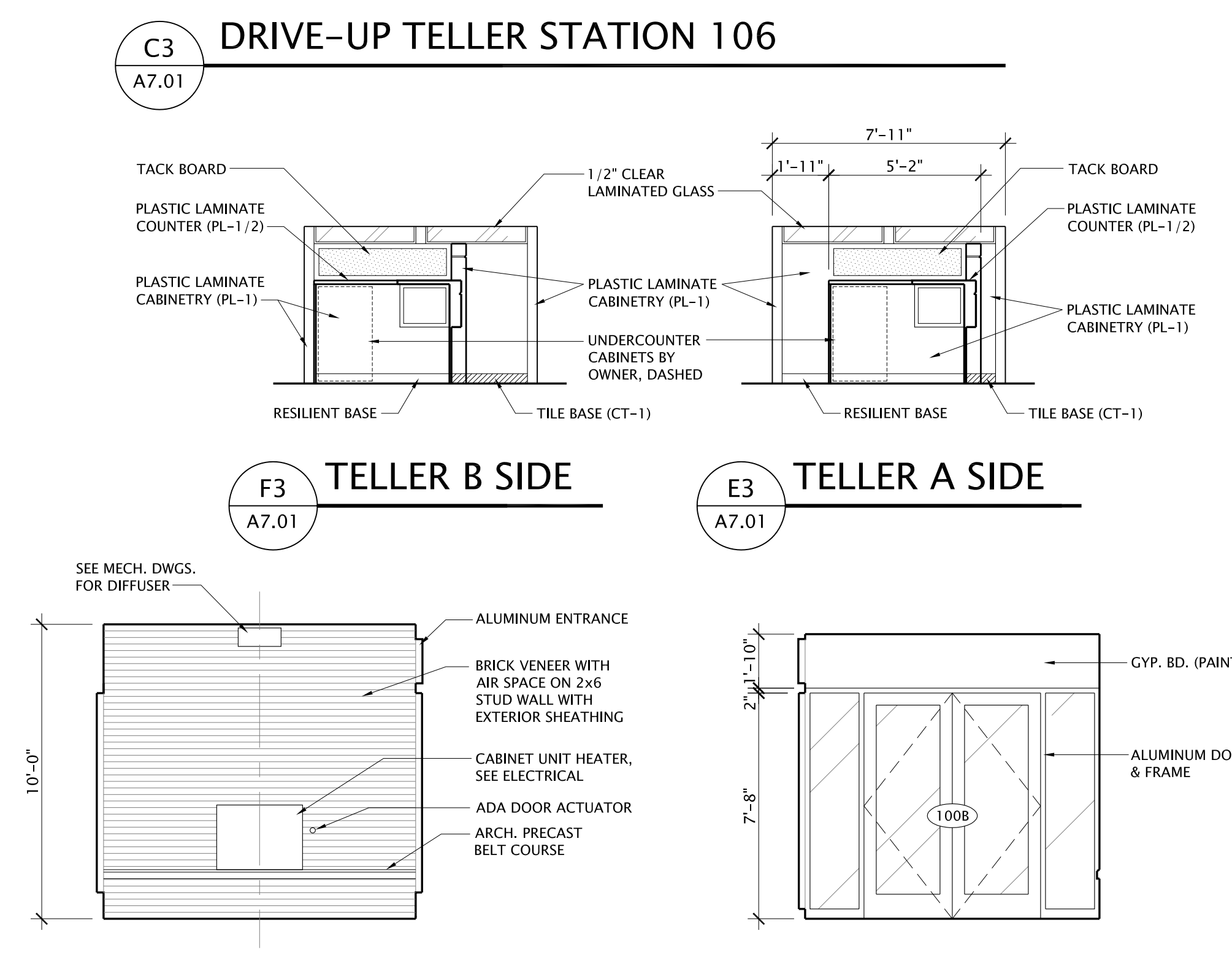
C3  
A7.01



J1  
A7.01



E1  
A7.01 1/4" = 1'-0"



F3  
A7.01

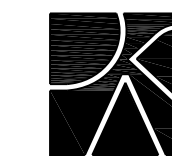
E3  
A7.01

C1  
A7.01 1/4" = 1'-0"

B1  
A7.01 1/4" = 1'-0"

INTERIOR ELEVATIONS





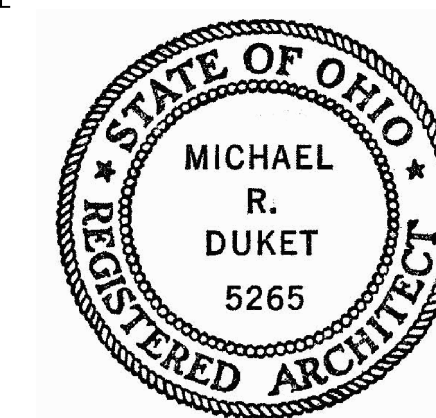
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PROJECT TITLE

ISSUE OR REVISION

02.16.2023	PERMITS
DATE	ISSUE / REVISION

DRAWN: JT

CHECKED: MD

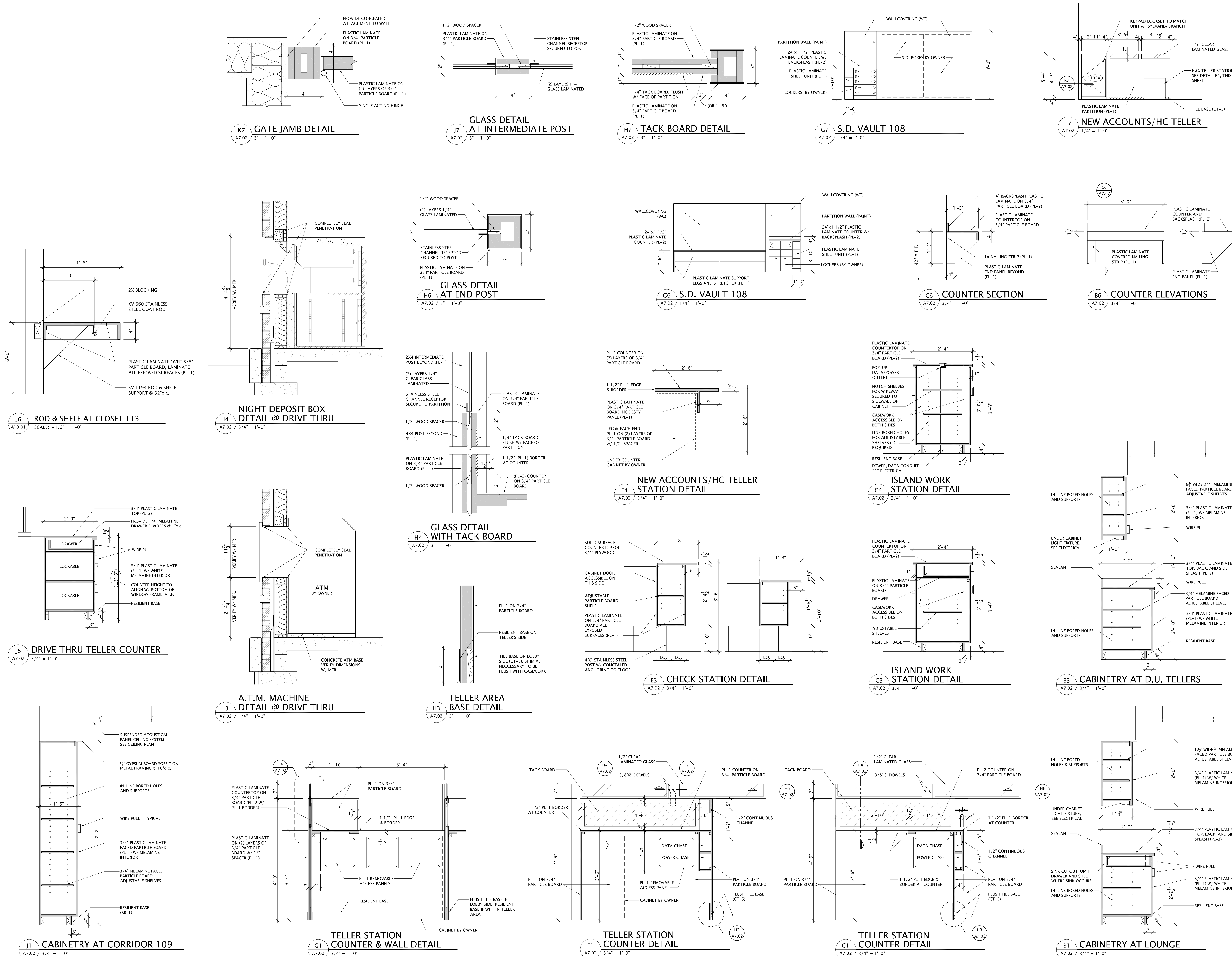
DAP COMMISSION NUMBER: 22019

DRAWING TITLE

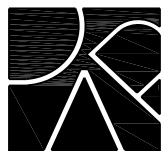
INTERIOR ELEVATIONS  
AND DETAILS

DRAWING NUMBER

A7.02







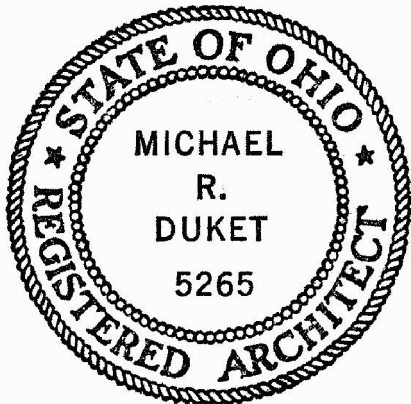
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PROJECT TITLE

ISSUE OR REVISION

DATE

ISSUE / REVISION

DRAWN: JT

CHECKED: MD

DAP COMMISSION NUMBER: 22019

DRAWING TITLE

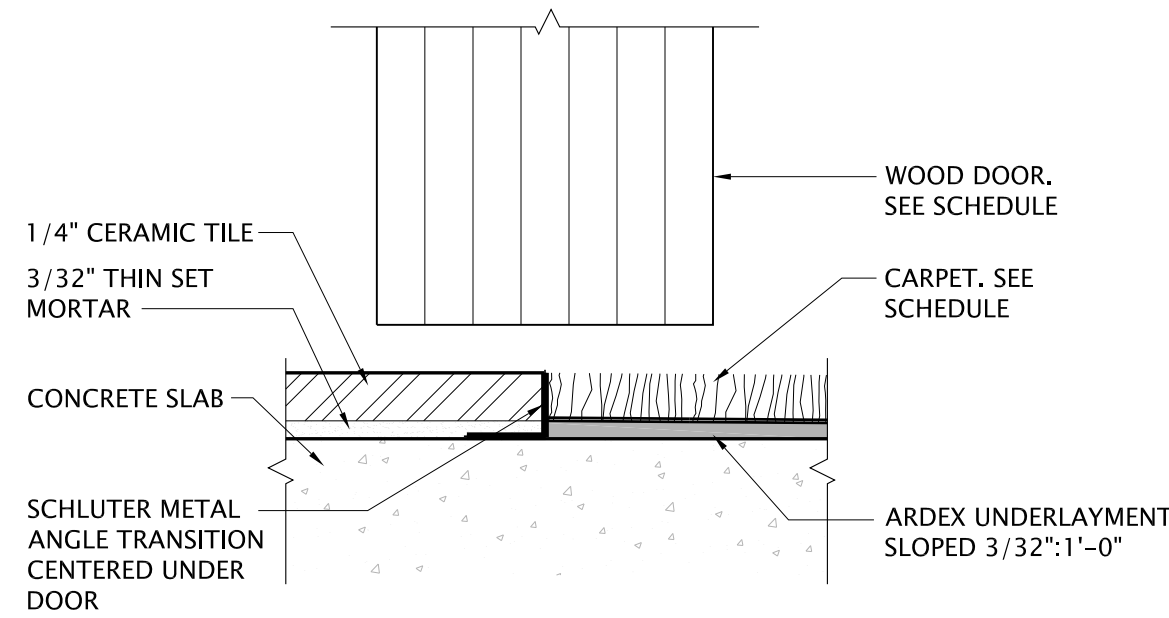
FINISH PLAN AND  
ROOM FINISH SCHEDULE

DRAWING NUMBER

A9.01

Genoa Bank  
Fremont Branch Bank  
1701 West State Street (Route 20)  
Fremont, (Sandusky County) Ohio 43420

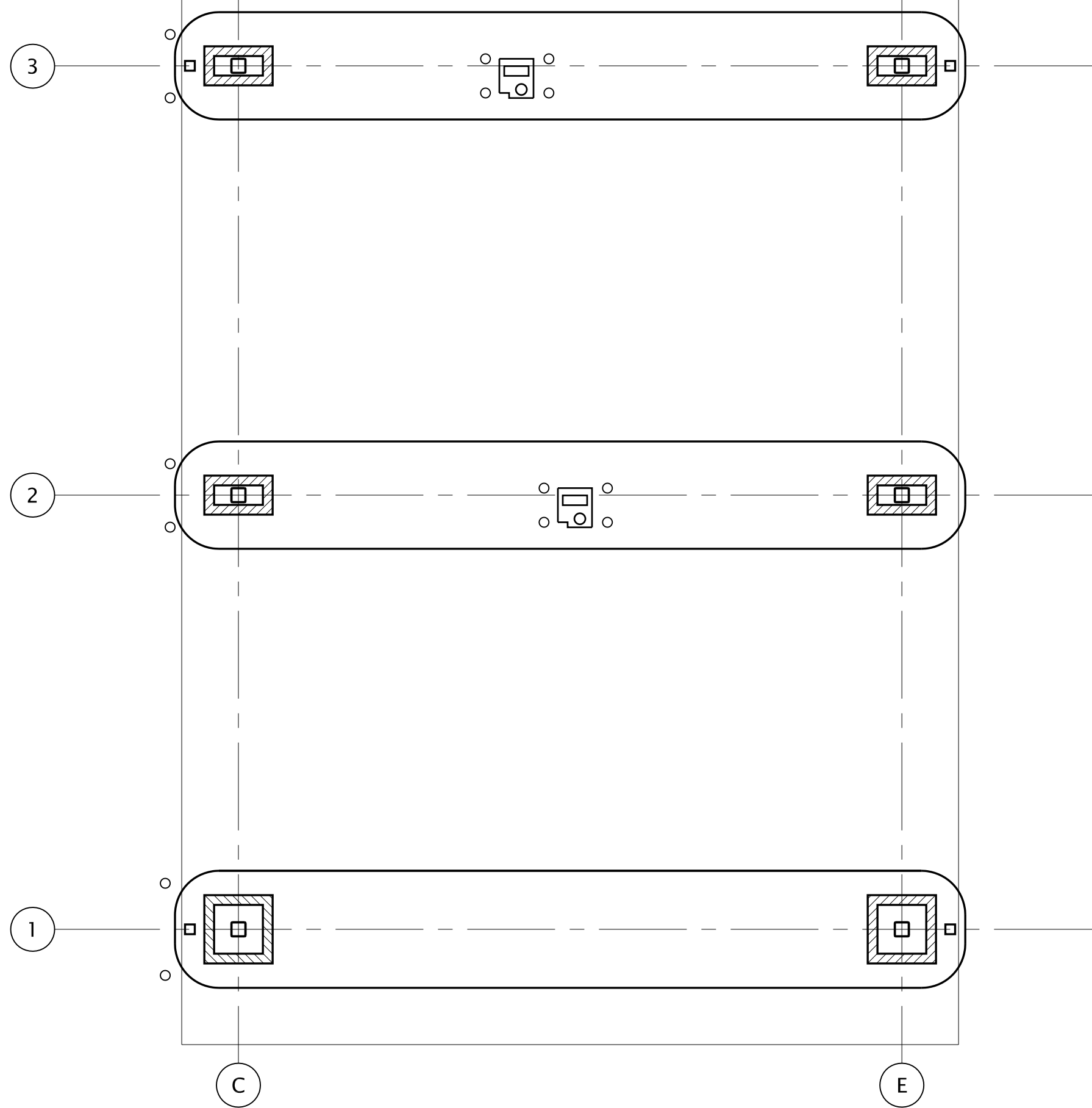
A  
A9.01 FLOORING TRANSITION DETAIL  
FULL SCALE



## ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	FIRE RATING	REMARKS
				NORTH	EAST	SOUTH	WEST				
100	VESTIBULE	CARPET-1 & 2	BESL	GB/PAIN	BRICK	GB/PAIN	GB/PAIN	GB/PAIN	10'-0"		
101	LOBBY	CARPET-1 & 2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	GB/PT, ACT-1	VARIES		NOTE 1
102	ASSISTANT MANAGER	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
103	MANAGER	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
104	NEW ACCOUNTS/H.C. TELLER	CARPET-1 & 2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	13'-6"		SEE CLOUD DETAILS
105	TELLERS	CARPET-1 & 2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	13'-6"		SEE CLOUD DETAILS
106	D.U. TELLERS	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
107	S.D. BOX BOOTH	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
108	S.D. VAULT	CARPET-2	-	WC	WC	WC	GB/PAIN	ACT-1	8'-0"		NOTE 2
108A	CASH ROOM	CARPET-2	-	WC	GB/PAIN	WC	WC	ACT-1	8'-0"		NOTE 2
109	CORRIDOR	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		NOTE 2
110	SERVER	VCT-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	10'-0"		
111	CORRIDOR	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
112	MECHANICAL	VCT-1	BESL	GB/PAIN	GB/PAIN, FRP	GB/PAIN, FRP	GB/PAIN	GB/PAIN	10'-0"		NOTE 3
113	CLOSET	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	8'-0"		
114	FUTURE OFFICE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
115	LOUNGE	VCT-1	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
116	WOMEN'S TOILET	CT-1	CT-2	GB/PAIN, CT-2,3,4	GB/PAIN, CT-2,3,4	GB/PAIN, CT-2,3,4	GB/PAIN, CT-2,3,4	GB/PAIN	8'-0"		NOTE 4
117	MEN'S TOILET	CT-1	CT-2	GB/PAIN, CT-2,3,4	GB/PAIN, CT-2,3,4	GB/PAIN, CT-2,3,4	GB/PAIN, CT-2,3,4	GB/PAIN	8'-0"		NOTE 4
118	CORRIDOR	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
118A	CORRIDOR	CARPET-1	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
119	OFFICE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
120	OFFICE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
121	OFFICE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
122	OFFICE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
123	WAITING	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	8'-0"		
124	OFFICE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
125	CORRIDOR	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
126	OFFICE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		
127	CONFERENCE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-8"		
128	OFFICE	CARPET-2	BESL	GB/PAIN	GB/PAIN	GB/PAIN	GB/PAIN	ACT-1	8'-0"		

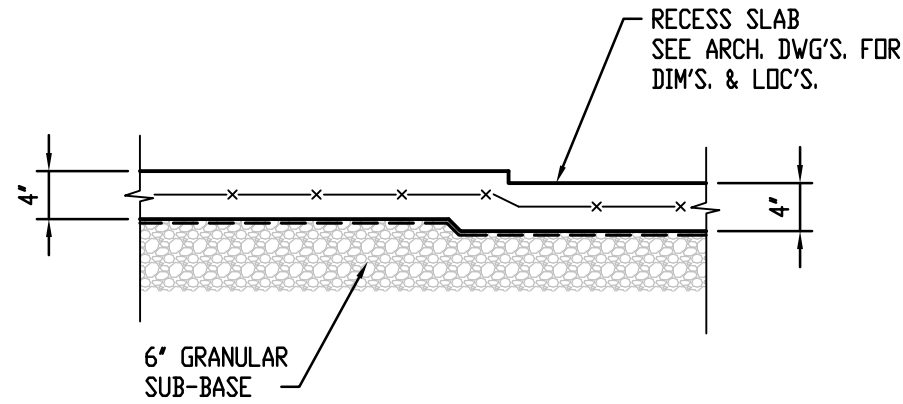
REMARKS:  
1. TILE BASE AT PUBLIC SIDE OF TELLER STATIONS (CT-5)  
2. FULL HEIGHT ACOUSTIC WALLCOVERING (WC) ON VAULT WALLS  
3. FRP MAINSCOT TO 48" AFF WITHIN 24" OF FLOOR SINK  
4. CT MAINSCOT TO 48" AFF (CT-2,3,4)



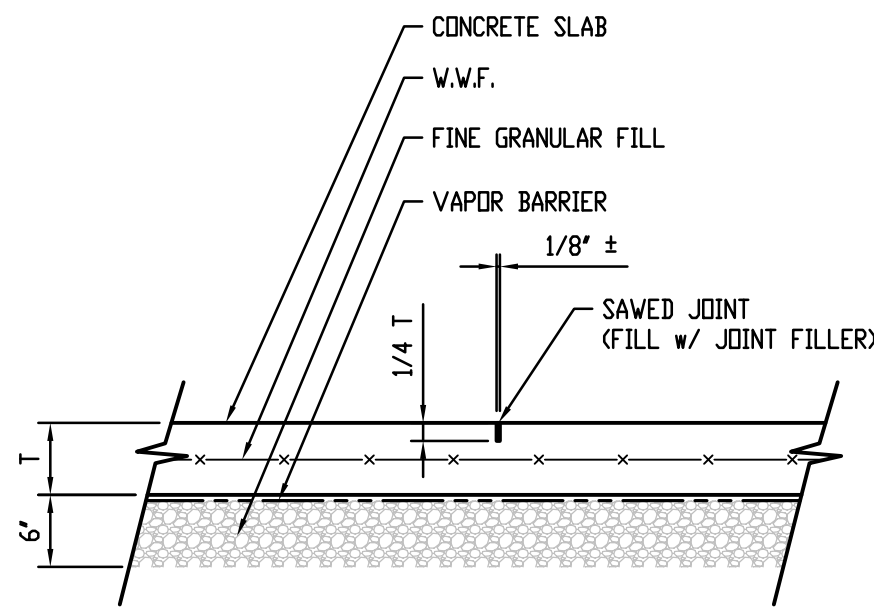
FINISH PLAN  
1/4" = 1'-0"



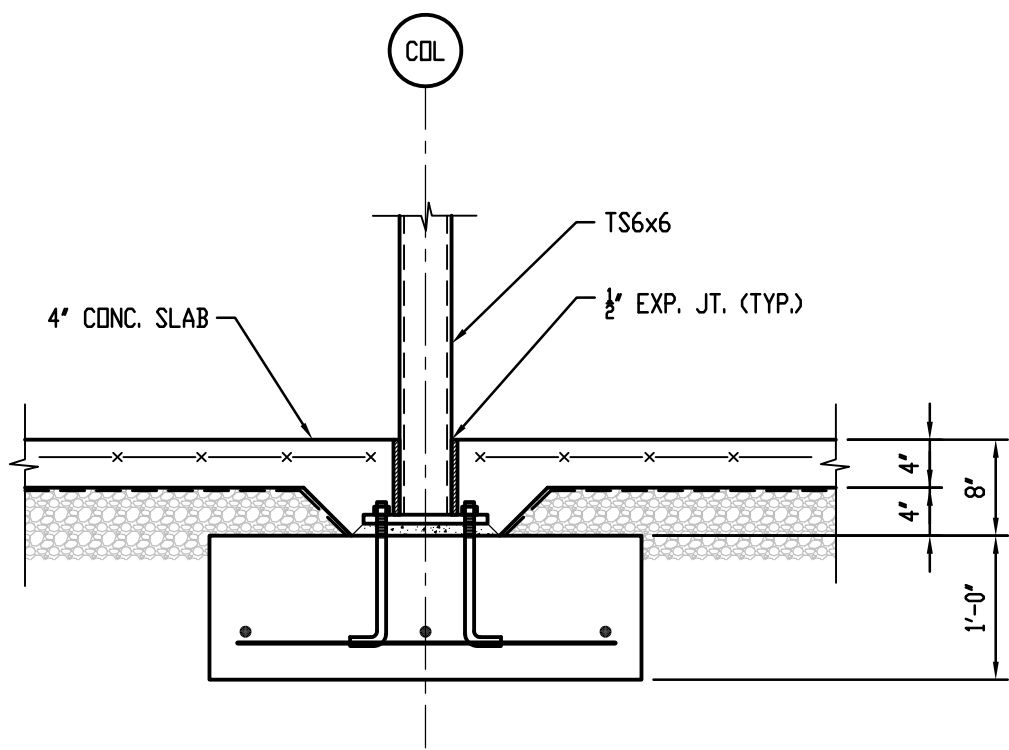




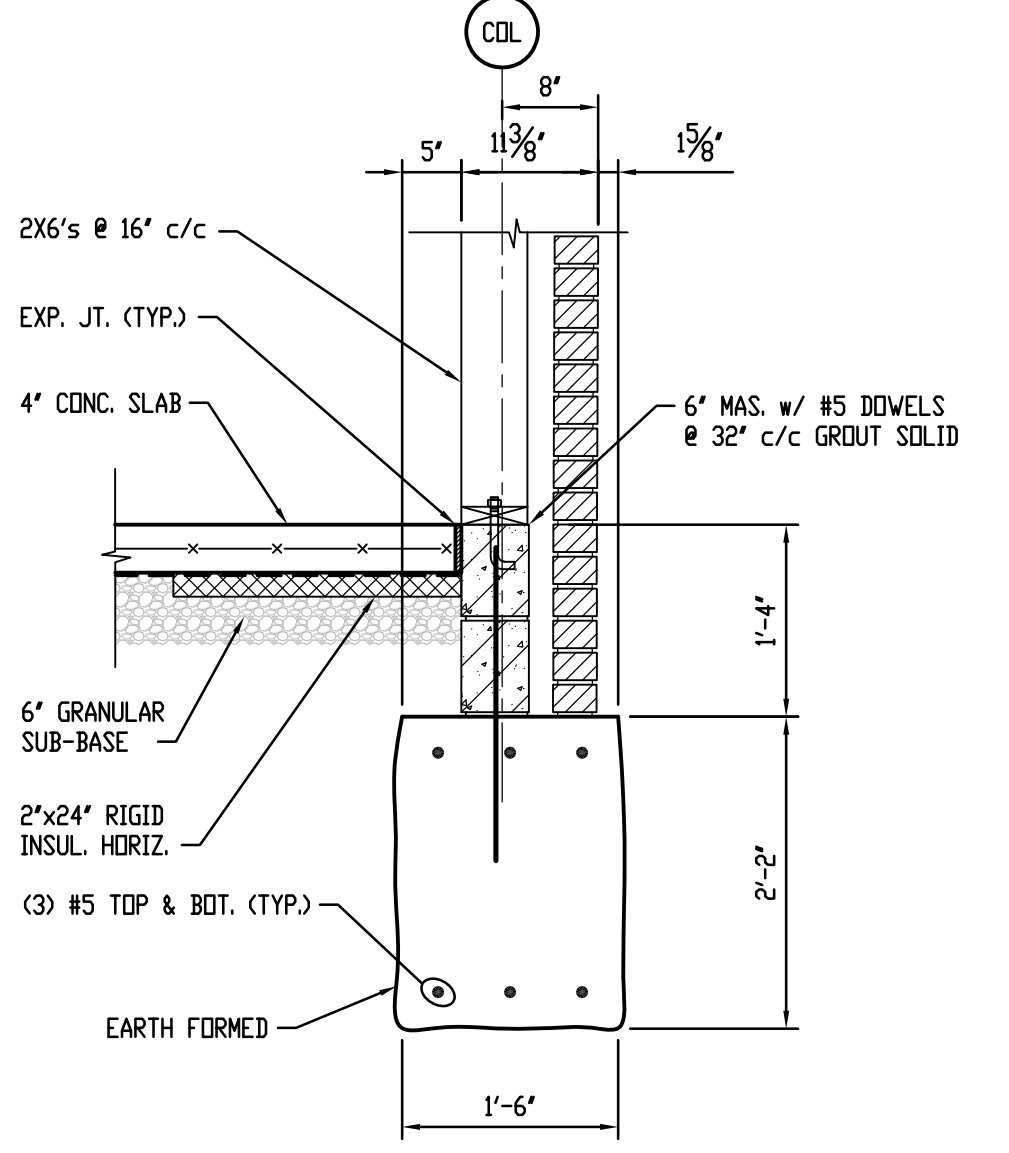
TYP. RECESSED SLAB DETAIL  
SCALE: 3/4" = 1'-0"



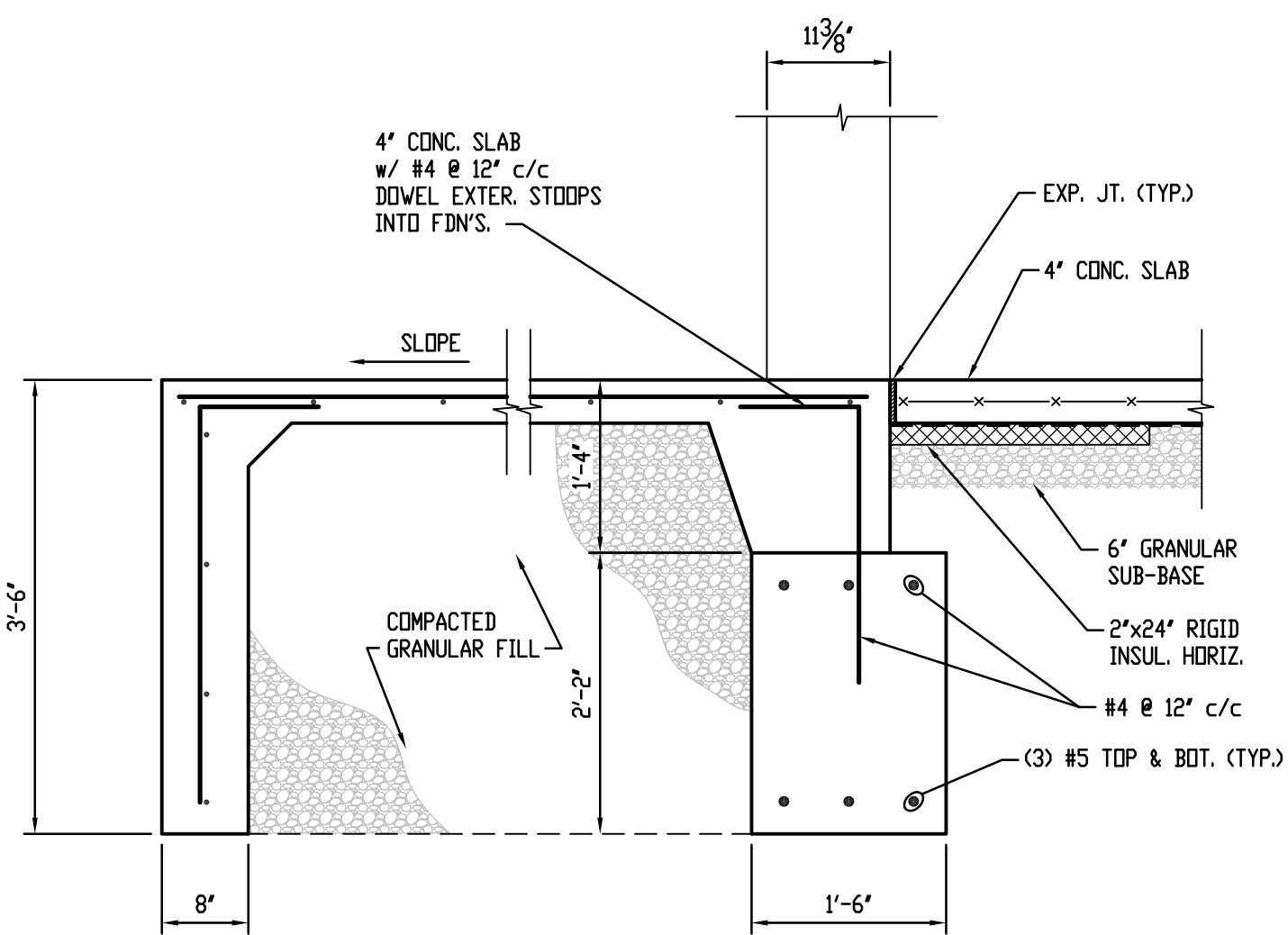
TYP. SLAB CONTROL JOINT (CJ)  
SCALE: N.T.S.



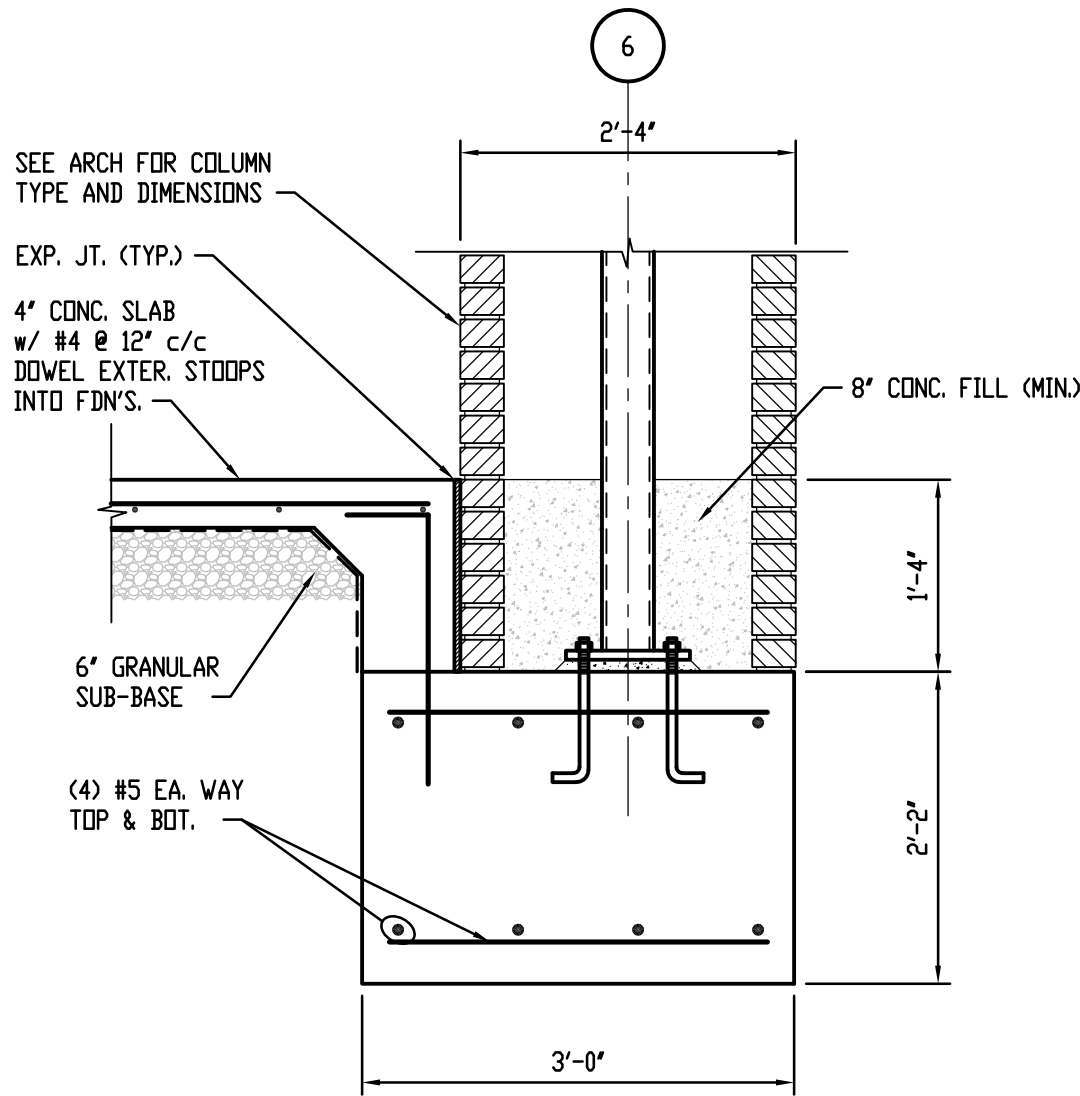
SECTION 2  
SCALE: 3/4" = 1'-0"



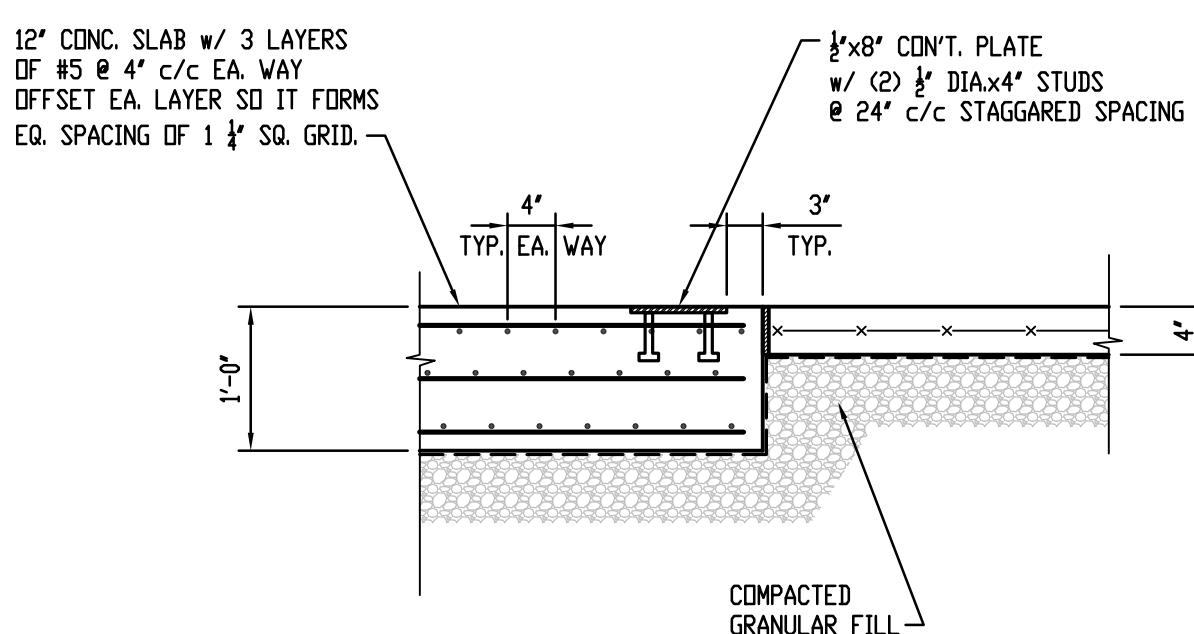
SECTION 1  
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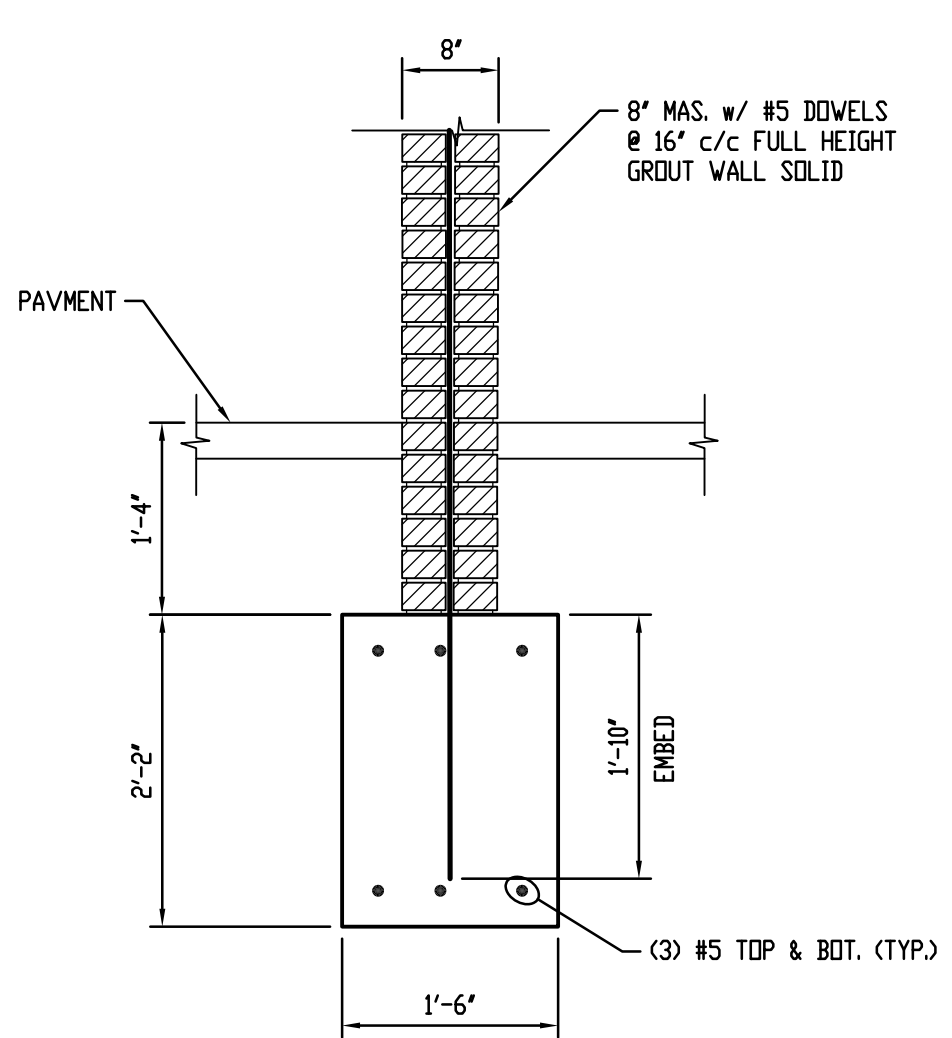
SECTION 4  
SCALE: 3/4" = 1'-0"



SECTION 3  
SCALE: 3/4" = 1'-0"



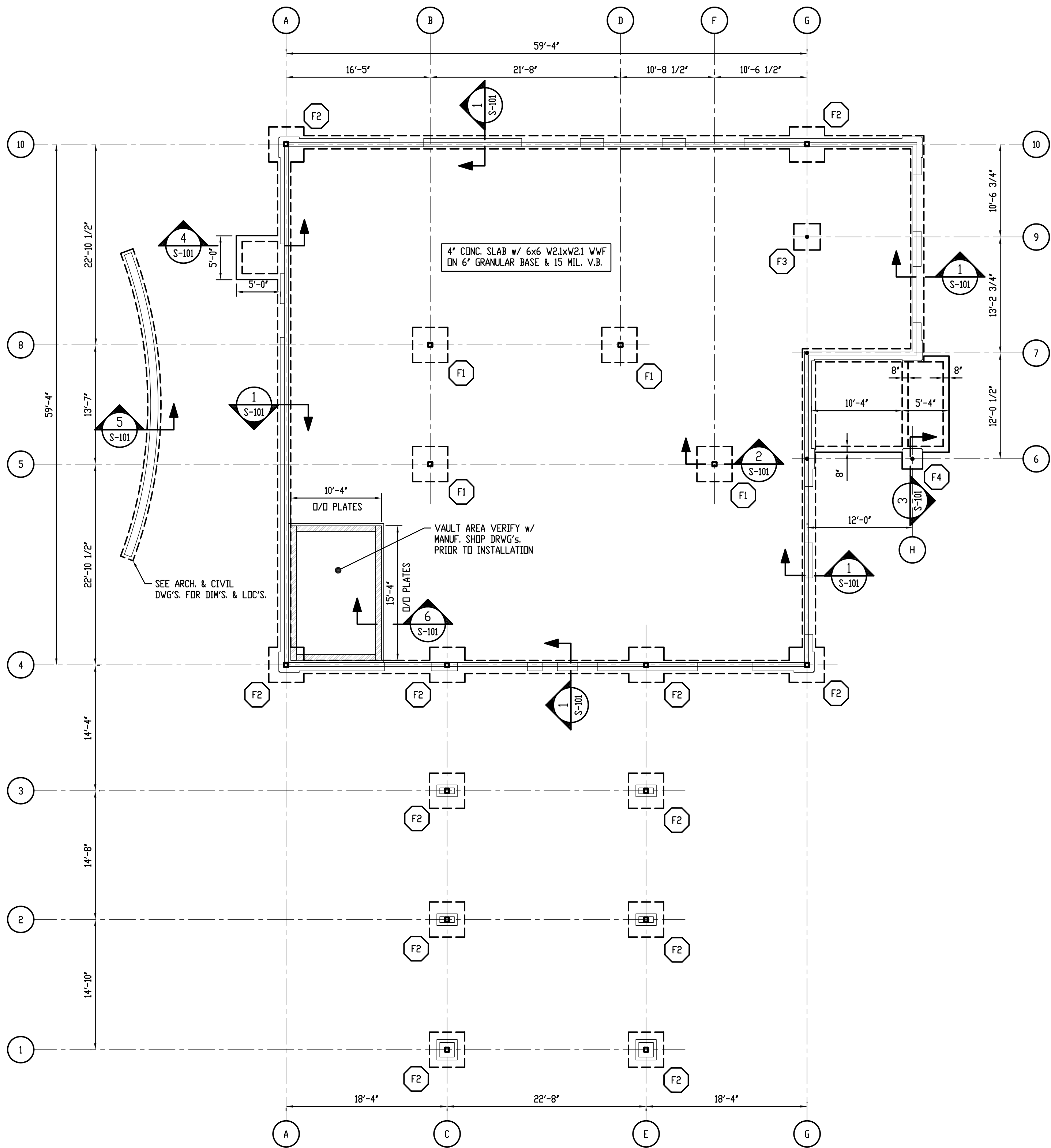
SECTION 6  
SCALE: 3/4" = 1'-0"



SECTION 5  
SCALE: 3/4" = 1'-0"

# FOOTING AND PIER SCHEDULE					
MARK	F1	F2	F3	F4	-
SIZE (WxLxD)	4'-0x4'-0x1'-0	4'-0x4'-0x2'-2	3'-0x3'-0x1'-0	2'-4x3'-0x2'-2	-
B/FTG. EL.	98'-4	96'-6	98'-4	96'-6	-
REINFORCING	(3) #5 EA. WAY	(5) #5 EA. WAY TOP & BOT.	(4) #5 EA. WAY	(4) #5 EA. WAY TOP & BOT.	-
SIZE (A x B)	-	-	-	-	-
T/PIER ELEV.	-	-	-	-	-
REINFORCING	-	-	-	-	-
TIES	-	-	-	-	-
NOTES					

- FOUNDATION NOTES**
- ALL ELEVATIONS ARE REFERENCED FROM TOP OF GROUND SLAB ELEVATION OF 100'-0.
  - BUILDING FOUNDATION BEARING SOILS SHALL BE PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS GIVEN BY "CT ASSOCIATES, INC.", SOILS REPORT No. 229493.
  - SPREAD FOOTING DESIGN IS BASED ON AN ALLOWABLE BEARING CAPACITY OF 1500 PSF. SOIL REPORT INDICATES AREAS OF UNSOUND CONDITIONS. GRANULAR OR ENGINEERED FILL WILL BE REQUIRED ANYWHERE FROM 5' TO 7' BELOW GRADE TO ACHIEVE THE ALLOWABLE BEARING CAPACITY AS REQUIRED FOR THE FOUNDATIONS.
  - SPREAD FOOTINGS AND PIERS ARE CENTERED ABOUT COLUMNS, UNLESS NOTED OTHERWISE. WALL STRIP FOOTINGS ARE CENTERED ABOUT FOUNDATION WALLS, UNO.
- CONCRETE NOTES**
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH OF 3,000 PSI AT 28 DAYS.
  - THE DETAILING, BENDING AND PLACEMENT OF REINFORCING STEEL AND CONCRETE SHALL BE IN ACCORDANCE WITH THE LATEST ACI STANDARD CODE.
  - ALL CONCRETE REINFORCING SHALL BE DEFORMED STEEL BARS CONFORMING TO ASTM A615, GRADE 60.
  - ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAP MESH SHEETS ONE SQUARE MESH PLUS 2 INCHES, MINIMUM.
  - CORNER BARS SHALL BE PROVIDED TO MATCH HORIZONTAL WALL AND FOOTING REINFORCEMENT AT ALL CORNERS. LAP 48 BAR DIAMETERS.
  - ALL CONCRETE SLABS ON GRADE SHALL HAVE CONTROL JOINTS SPACED AT 25'-0 C/C EACH WAY, MAXIMUM. SPACING ASPECT RATIO SHALL NOT EXCEED 24, SEE PLAN FOR SPECIFIC CONTROL JOINT (C.J.) LOCATIONS.
  - PRIOR TO PLACING CONCRETE COORDINATE WITH ALL OTHER TRADES, SUCH AS MECHANICAL, ELECTRICAL AND PLUMBING, THE INSTALLATION OF ALL ANCHOR BOLTS, PIPE SLEEVES, CONDUITS AND ETC.
  - ALL CONCRETE WALLS SHALL BE SUPPORTED Laterally DURING BACKFILLING.
  - PROVIDE A 3/4" CHAMFER ON ALL EXPOSED EDGES OF CONCRETE.
  - ALL EXTERIOR CONCRETE SHALL BE AIR ENTRAINED WITH AN AIR CONTENT OF 5% ±% OF THE VOLUME OF CONCRETE.
  - IN COLD WEATHER (LESS THAN 40°F) THE CONCRETE TEMPERATURE SHALL BE MAINTAINED BETWEEN 50°F & 70°F DURING CURING.
  - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, INTERFERENCE AND CONDITIONS PRIOR TO CONCRETE POUR AND REPORT ANY DISCREPANCIES TO THE ENGINEER.



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

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CONSULTANTS

**Dennis L. Walton, License #57453**  
Expiration Date 12/31/2023

SEAL

PROJECT TITLE

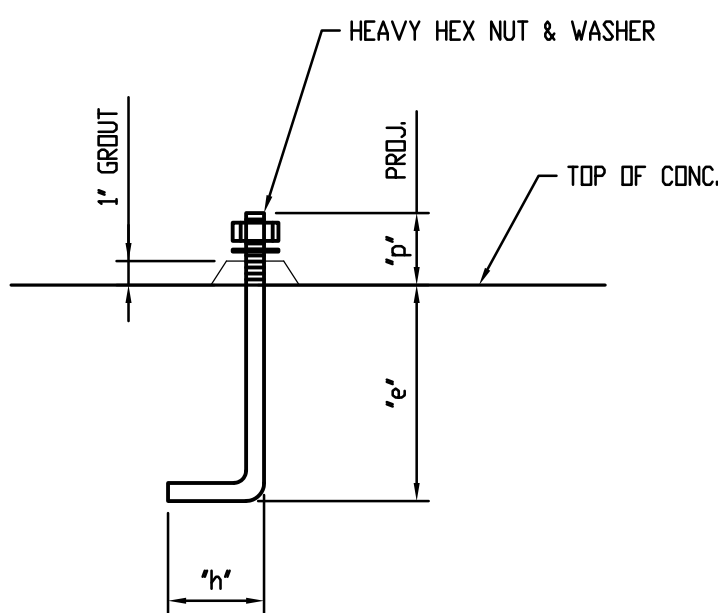
**Genoa Bank  
Fremont Branch Bank**

1701 West State Street  
Fremont ( Sandusky County ) , Ohio 43420

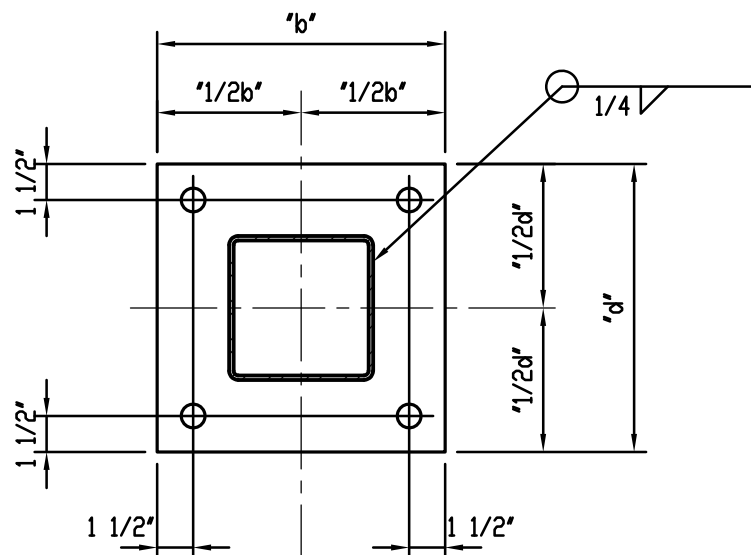
ISSUE OR REVISION

02.16.23	PERMIT SET
DATE	ISSUE / REVISION
DESIGNED: DLW	
DRAWN: DLW	
CHECKED: DLW	
DAP COMMISSION NUMBER:	22019
DRAWING TITLE	
<b>FOUNDATION PLAN SECTIONS &amp; DETAILS</b>	
DRAWING NUMBER	<b>S-101</b>





TYPICAL ANCHOR BOLT DETAIL  
SCALE: N.T.S.



BASE PLATE DETAIL, TYPE "A"  
SCALE: N.T.S.

COLUMN SCHEDULE					
COLUMN MARK	C1	C2	P3	C3	C4
AXIAL LOAD	-	-	-	-	-
COLUMN SIZE	TS6x6x1/4	3" DIA. STD. PIPE	TS4x4x1/4	3" DIA. STD. PIPE	TS6x6x1/4
BASE P. (thruwd)	3/4"x12"x12"	3/4"x10"x10"	3/8"x5 1/2"x10"	3/4"x10"x10"	3/4"x12"x12"
BOT./BASE P. EL.	98'-9"	99'-5"	115'-0"	98'-9"	98'-9"
A.B./s (doeexpht)	3/4"x3"x3"x9"	3/4"x3"x3"x9"	(4) 3/4"	3/4"x3"x3"x9"	3/4"x3"x3"x9"
BASE PLATE TYPE	A	A	-	A	A
REMARKS					

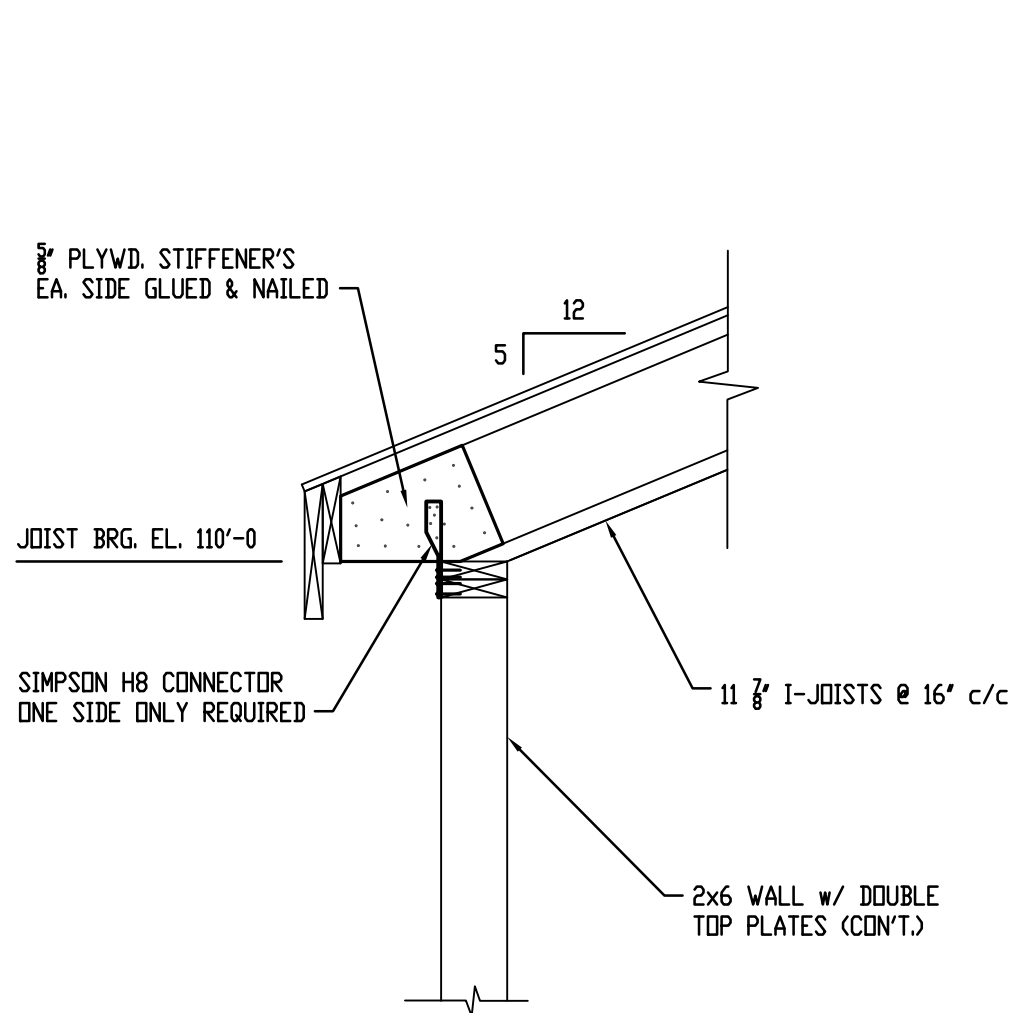
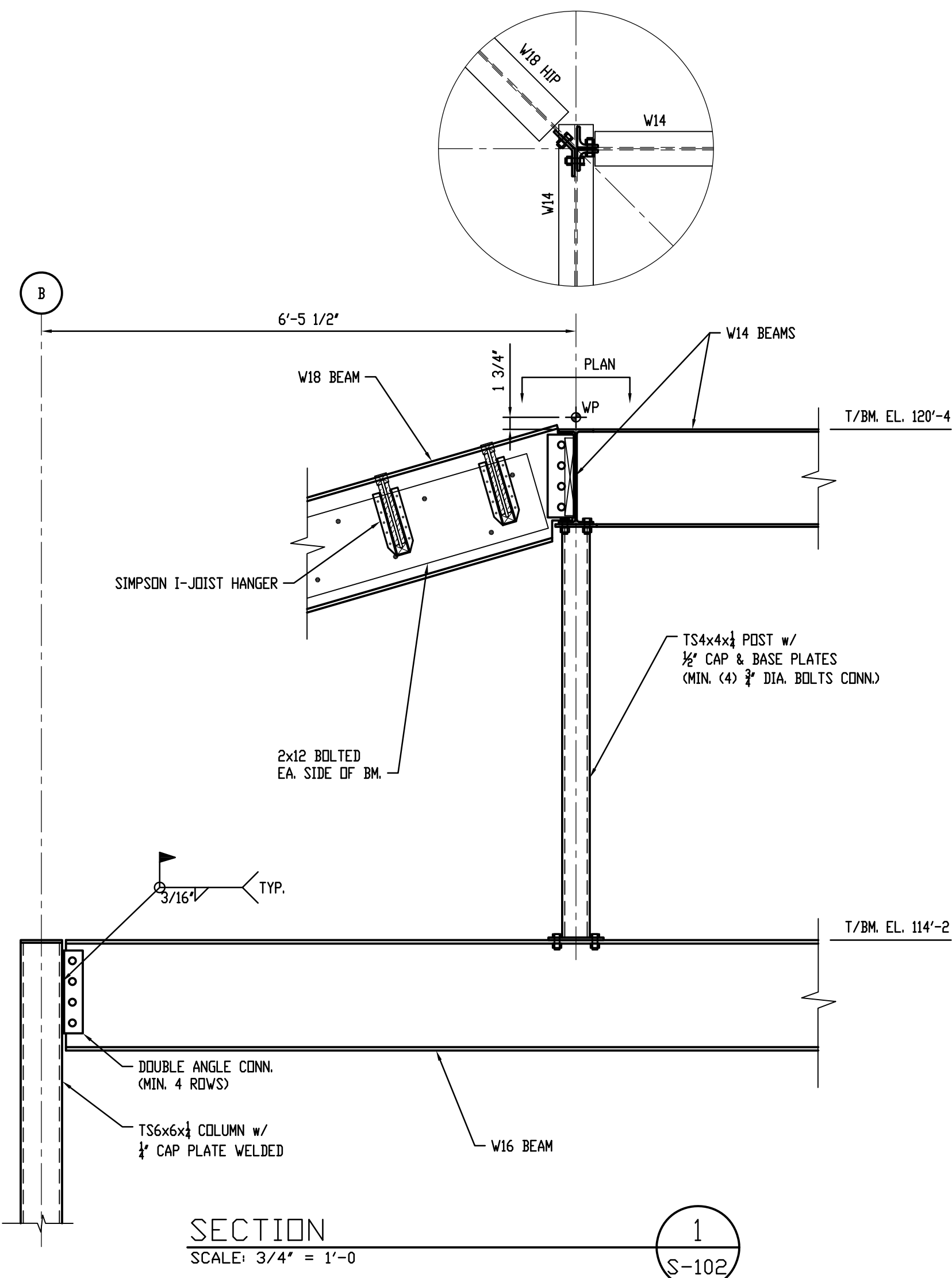
TYPICAL MASONRY LINTEL SCHEDULE		
MASONRY OPENING	ANGLE SIZE	BEARING EACH END
4'-0" OR LESS	L3 1/2x3 1/2x5/16	4"
4'-0" TO 6'-0"	L4x3 1/2x5/16	6"
6'-0" TO 8'-0"	L5x3 1/2x5/16	8"

NOTES:

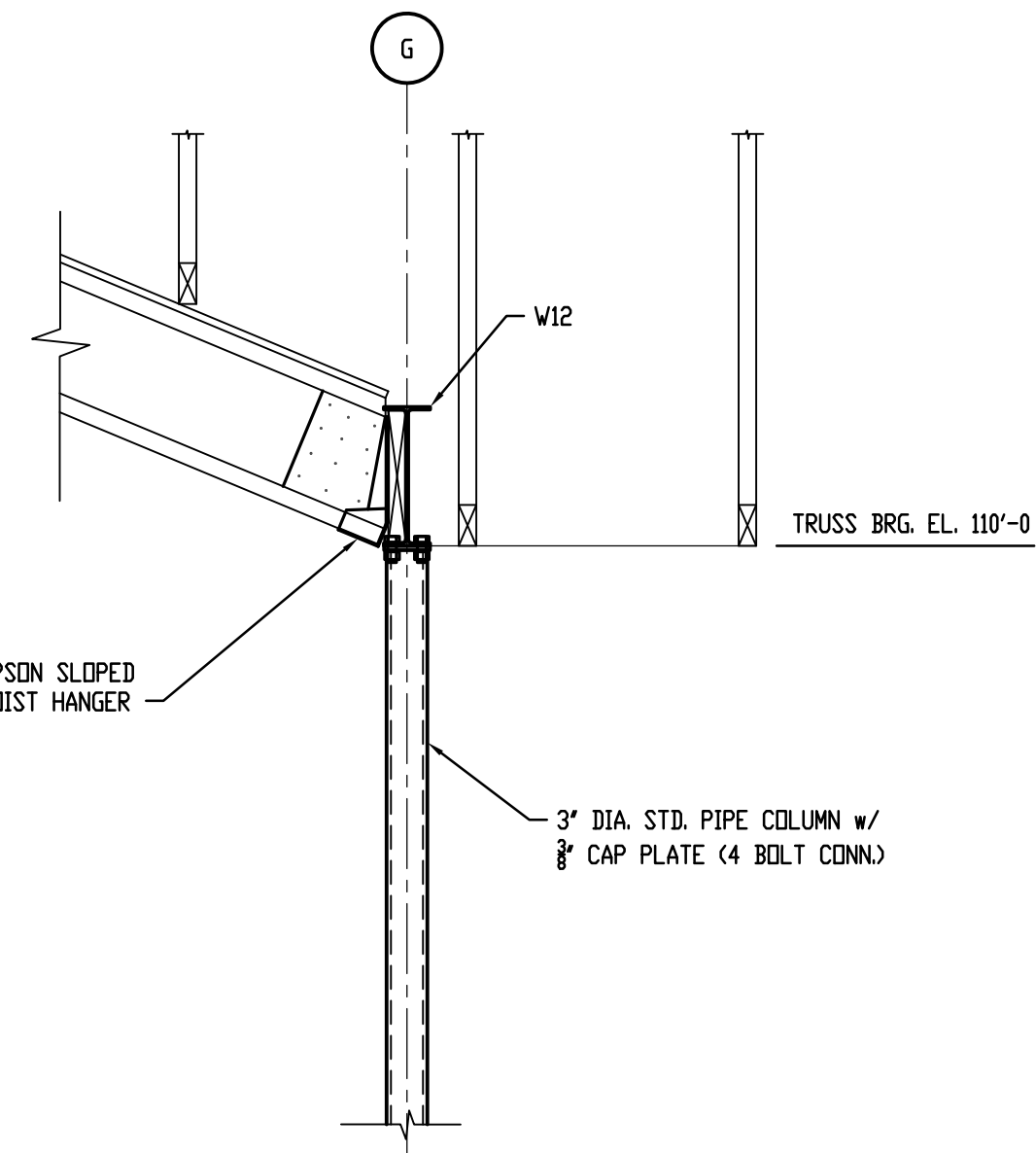
- ALL LINTELS SHALL HAVE A MINIMUM END BEARING OF 1" FOR EACH FOOT OF OPENING WIDTH.
- LINTELS SHALL CONSIST OF A SINGLE ANGLE WITH A 3 1/2" LEG HORIZONTAL FOR EACH FOUR INCHES OF WALL THICKNESS UNDO. PLACE EVERY TWO ANGLES BACK TO BACK AND WELD TOGETHER.

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION		
VERIFICATION AND INSPECTION	TYPE OF INSPECTION	REMARKS
1. INSPECTION OF REINFORCING STEEL.	PERIODIC	
2. VERIFY USE OF REQUIRED DESIGN MIX.	PERIODIC	ACI 318 CH. 4, 5.2-5.4
3. THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	PERIODIC	ASTM C 172 ASTM C 31 ACI 318 5.6, 5.8
4. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	PERIODIC	ACI 318 5.9, 5.10
5. INSPECT ANCHORS CAST IN CONCRETE	PERIODIC	ACI 318 17.8.2

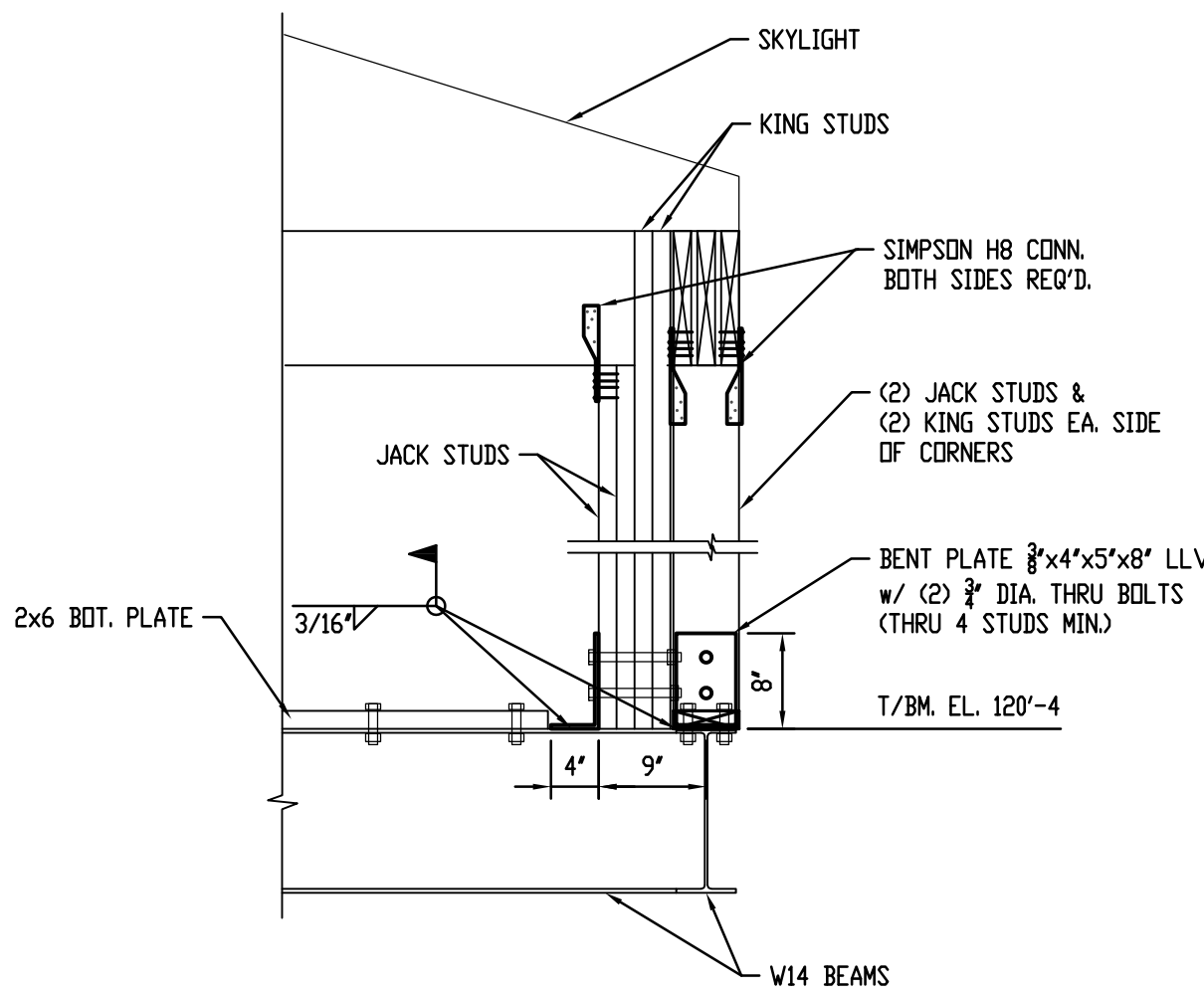
REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION		
VERIFICATION AND INSPECTION	TYPE OF INSPECTION	REMARKS
1. INSPECTION OF FABRICATORS		ABC 2011 SECTION 1704.2
2. MATERIAL VERIFICATION OF STRUCTURAL STEEL: A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED ON CONSTRUCTION DOCUMENTS B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	PERIODIC	ASTM A6 OR ASTM A568
3. MATERIAL VERIFICATION OF WELD FILLER MATERIALS: A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN APPROVED CONSTRUCTION DOCUMENTS B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	PERIODIC	AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - ASD SECTION A3.6
4. INSPECTION OF WELDING OF STRUCTURAL STEEL: A. COMPLETE AND PARTIAL PENETRATION GROOVED WELDS B. MULTI-PASS FILLET WELDS C. SINGLE-PASS FILLET WELDS GREATER THAN 5/16" D. SINGLE-PASS FILLET WELDS 5/16" OR LESS E. FLOOR DECK WELDS	PERIODIC CONTINUOUS PERIODIC PERIODIC	AWS D11 AND AWS D1.3



SECTION  
SCALE: 3/4" = 1'-0"



SECTION  
SCALE: 3/4" = 1'-0"



SECTION  
SCALE: 1 1/2" = 1'-0"

STEEL NOTES

- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
- ALL STRUCTURAL STEEL WIDE FLANGE MEMBERS TO CONFORM TO ASTM 992, GRADE 50.
- ALL STRUCTURAL STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE B.
- ALL STRUCTURAL STEEL PIPES SHALL CONFORM TO ASTM A53, GRADE B.
- THE DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
- IF BEAM REACTIONS ARE NOT SHOWN, END CONNECTIONS SHALL BE DESIGNED FOR ONE-HALF THE TOTAL UNIFORM LOAD CAPACITY DETERMINED FROM THE TABLE "ALLOWABLE UNIFORM LOADS IN KIPS FOR BEAMS LATERALLY SUPPORTED" OF THE AISC-AISC MANUAL OF STEEL CONSTRUCTION, NINTH EDITION.
- ALL WELDING SHALL BE MADE WITH E70XX SERIES ELECTRODES AND IN ACCORDANCE WITH AWS SPECIFICATIONS. SHOP AND FIELD WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI/AWS D11 REQUIREMENTS.
- ALL SHOP CONNECTIONS SHALL BE WELDED. ALL PRINCIPAL FIELD CONNECTIONS SHALL BE ASTM A325-N 3/4" DIA. BOLTS.
- ALL ANCHORS BOLTS SHALL CONFORM TO ASTM A307.
- THE SUPPLY AND REMOVAL OF TEMPORARY BRACING DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE STEEL ERECTOR.
- PRIME PAINT STRUCTURAL STEEL PRIOR TO SHIPMENT.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, INTERFERENCE AND CONDITIONS PRIOR TO FABRICATION OF STEEL AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- CONTRACTOR SHALL SUBMIT STRUCTURAL STEEL SHOP DRAWINGS FOR ENGINEER'S REVIEW.

WOOD NOTES

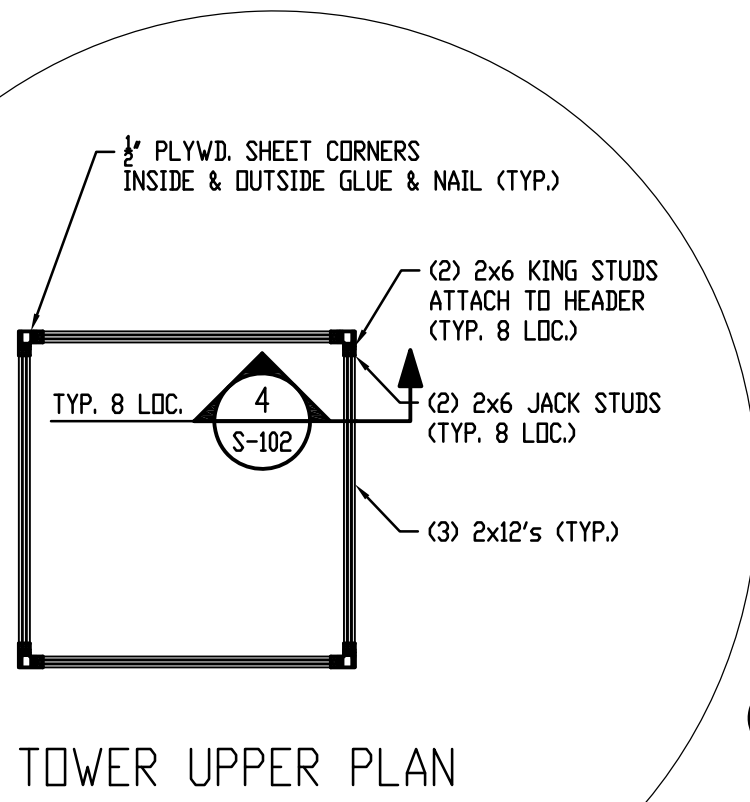
- WOOD ROOF SHEATHING SHALL BE 2" OSB. PLACE PANELS IN A STAGGERED ARRANGEMENT. NAIL PANELS DOWN TO THE SUPPORT FRAMING WITH 8d NAILS. NAIL SPACING SHALL BE 6" c/c @ PANEL EDGES AND 12" c/c IN PANEL FIELD.
- ALL MAIN FRAMING MEMBERS, JOISTS, RAFTERS, BEAMS, HEADERS, ETC. SHALL BE NO.1/N2 AND BETTER SPRUCE-PINE-FIR, OR NO.2 AND BETTER HEM-FIR UNDO.
- ALL WALL STUDS, SILL PLATES, ETC. SHALL BE NO.1/N2 AND BETTER SPRUCE-PINE-FIR. SILL PLATES SHALL BE TREATED. WALL SHEATHING & TAPE SHALL BE THE 1/2" ZIP SYSTEM BY "HUBER ENGINEERED WOODS".
- NON-STRUCTURAL NAILERS, BLOCKING, BRIDGING, ETC. SHALL BE CONSTRUCTION GRADE SPRUCE-PINE-FIR OR WHITE WOODS.
- ALL DIMENSIONAL LUMBER (DL) BEAMS WITH MORE THAN ONE PLY SHALL BE NAILED TOGETHER WITH 2 ROWS OF 10d COMMON NAILS AT 12" C/C, UNDO.
- ALL FRAMING CONNECTIONS SHALL UTILIZE "SIMPSON" FACE MOUNT HANGERS OR EQUAL.
- PROVIDE WOOD NAILER ON TOP OF STEEL BEAMS WHERE REQUIRED FOR WOOD FRAMING. ATTACH WITH 1/2" DIA. BOLTS AT 1'-0" C/C. (STAGGER EACH SIDE OF WEB).

I-JOIST NOTES

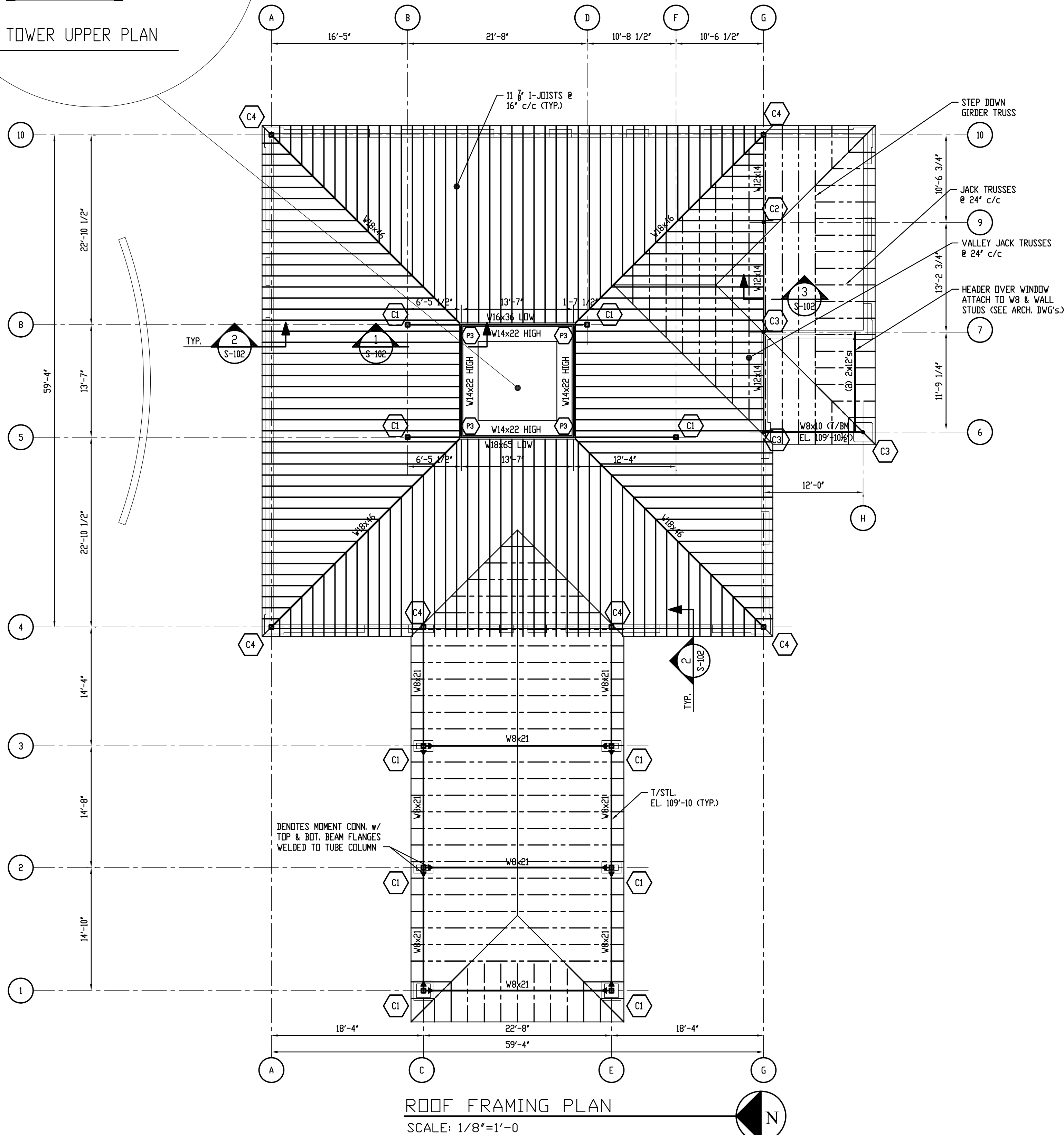
- ALL LAMINATED VENEER LUMBER (LVL) SHALL HAVE A BENDING STRENGTH OF 2950 PSI AND A MODULUS OF ELASTICITY OF 2.0E. CONNECT PLYS TOGETHER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE WOOD I-JOIST MANUFACTURE SHALL DESIGN I-JOIST ACCORDING TO THE "DESIGN CRITERIA". THE WOOD I-JOIST MANUFACTURE SHALL PROVIDE SIGNED AND SEALED SHOP DRAWINGS, BY AN EDDO REGISTERED ENGINEER, THAT SHOWS THE I-JOIST DESIGN CRITERIA, SIZES, LOCATIONS AND CONNECTIONS. THE SHOP DRAWINGS SHALL FURTHER INCLUDE DETAILS SHOWING ALL THE NECESSARY HANGERS, WEB STIFFENERS, BRIDGING, BLOCKING AND RIM BOARDS.
- ALL FRAMING CONNECTIONS SHALL UTILIZE "SIMPSON" FACE MOUNT HANGERS OR EQUAL.

DESIGN CRITERIA

GOVERNING BUILDING CODE:	2017 IBCD BUILDING CODE
ROOF LOADS	
TOP CHORD LIVE LOAD	20 PSF
TOP CHORD DEAD LOAD	10 PSF
BOT. CHORD DEAD LOAD	10 PSF
SNOW LOADS	
GROUND SNOW LOAD	20 PSF
WIND LOADS	
BASIC WIND SPEED	115 MPH
WIND EXPOSURE	C
SEISMIC LOADS	
SEISMIC IMPORTANCE FACTOR	1.0
Ss	.130
SI	.057
SITE CLASS	0
SIS	.138
SDI	.091
SEISMIC DESIGN CATEGORY	8
SEISMIC-RESISTING SYSTEM	LIGHT-FRAME WALLS WITH SHEAR PANELS
DESIGN BASE SHEAR "V"	3.4K
CS	.025
RESPONSE MODIFICATION "R"	2.5
ANALYSIS PROCEDURE USED	EQUIVALENT LATERAL FORCE
ROOF TRUSS LOADS:	
LIVE LOAD	20 PSF
DEAD LOAD	15 PSF
TOP CHORD	5 PSF
BOTTOM CHORD	10 PSF



TOWER UPPER PLAN



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



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Dennis L. Walton, License #57453  
Expiration Date 12/31/2023

SEAL

Genoa Bank  
Fremont Branch Bank

1701 West State Street  
Fremont, ( Sandusky County ) Ohio 43420

PROJECT TITLE

ISSUE OR REVISION


02.16.23	PERMIT SET
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DATE	ISSUE / REVISION
------	------------------

DESIGNED:	DLW
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DRAWN:	DLW
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CHECKED:	DLW
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DAP COMMISSION NUMBER:	22019
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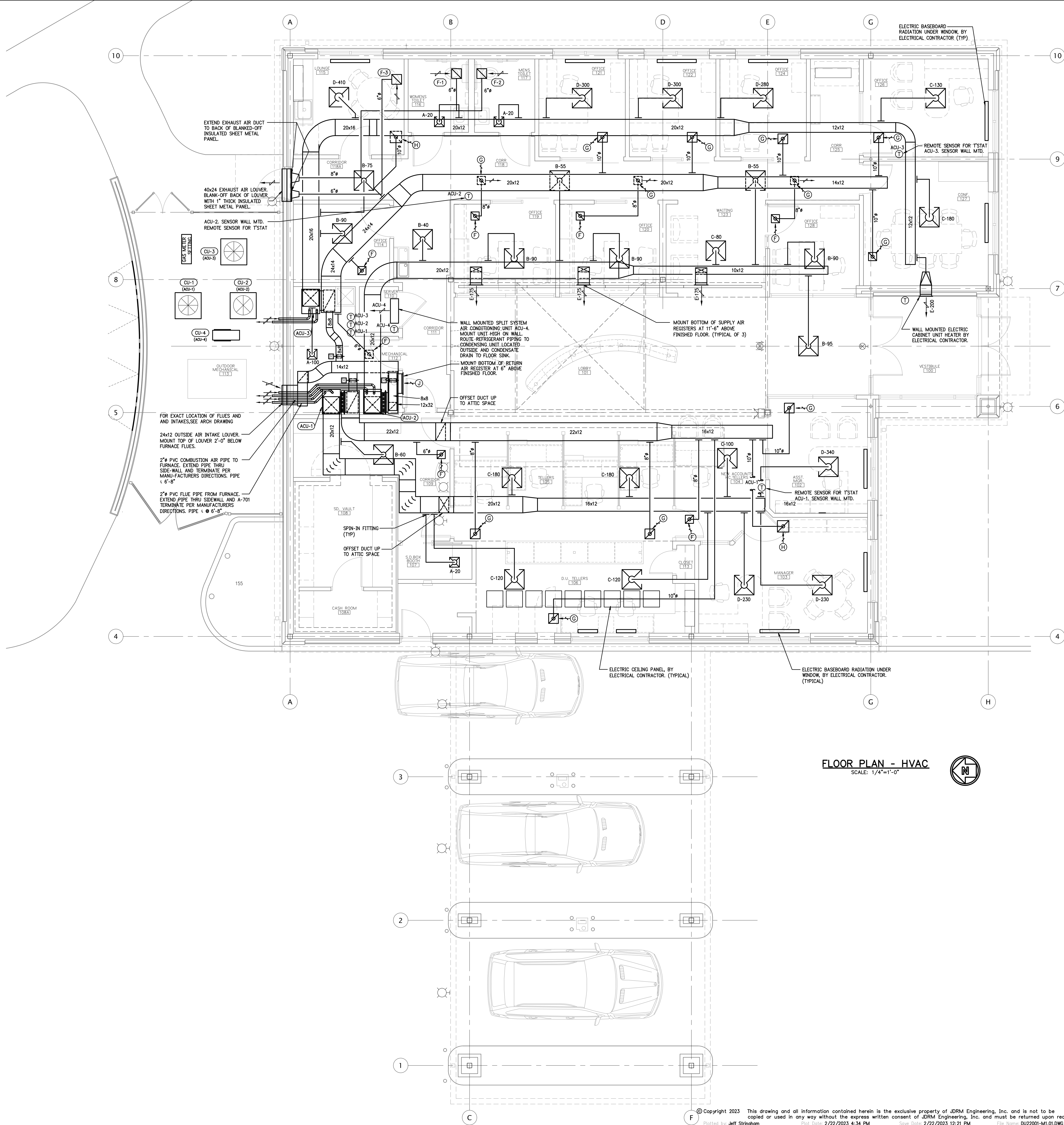
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ROOF FRAMING PLAN  
SECTIONS & DETAILS

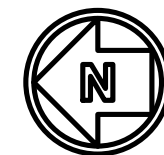
DRAWING NUMBER

S-102





FLOOR PLAN - HVAC  
SCALE: 1/4"=1'-0"






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Sylvania, Ohio 43560 Fax (419) 824-2409

SEAL

  
NOT FOR CONSTRUCTION UNLESS SIGNED & SEALED

PROJECT TITLE

Genoa Bank  
Fremont Branch Bank  
1701 West State Street (Route 20)  
Fremont (Sandusky County) Ohio 43420

ISSUE OR REVISION	DATE	ISSUE / REVISION
02.16.2023	PERMITS	
DESIGNED: CAH		
DRAWN: CAH		
CHECKED: JDS		

DAP COMMISSION NUMBER: 22019

DRAWING TITLE

FLOOR PLAN  
HVAC

DRAWING NUMBER

M1.01

SHEET X OF X




DU22001 Vent ACU-1 (2)											
Project Name:		Genoa Bank				Date:		(11-11-2023)			
Project Number:		DU22001				Rev:		none			
ACU-1											
Room	Room Name	1	Ventilation Based on People			Ventilation Based on Area			Adjusted O.A.	Total	Room
		A.G.	No. of People	CFM/Person	Year CFM	Floor Area	CFM/Sq. Ft.	Year CFM	CFM	Ventilation CFM	Exhaust
102	Office Asst Mgr	5	5	5	15	115	0.04	11	25	25	0
103	Office Mgr	52	3	5	15	191	0.04	11	26	26	0
104	Office New Asst	10	5	5	15	110	0.04	5	22	22	0
105	Telecom	40	8	5	40	240	0.04	17	77	77	0
106	David Telekom	40	2	5	10	242	0.04	15	25	25	0
107	SD Data Booth	2	1	5	5	27	0.04	2	7	7	0
109	Corridor	22	0	5	0	101	0.04	0	0	0	0
Sub Totals Sheet 1:					100			64	95	164	0
ACU-2											
Room	Room Name	1	Ventilation Based on People			Ventilation Based on Area			Adjusted O.A.	Total	Room
		A.G.	No. of People	CFM/Person	Year CFM	Floor Area	CFM/Sq. Ft.	Year CFM	CFM	Ventilation CFM	Exhaust
101	Lobby	85	10	5	50	481	0.04	18	74	74	0
111	Corridor	10	0	5	0	107	0.04	0	0	0	0
114	Corridor	37	0	5	0	220	0.04	11	15	15	0
119	Office	10	5	5	15	52	0.04	4	23	23	0
120	Office	10	5	5	15	55	0.04	4	23	23	0
123	Storage	12	5	5	15	52	0.04	4	23	23	0
125	Corridor	0	0	5	0	14	0.04	0	0	0	0
128	Office	14	5	5	15	54	0.04	5	24	24	0
ACU-3											
Room	Room Name	1	Ventilation Based on People			Ventilation Based on Area			Adjusted O.A.	Total	Room
		A.G.	No. of People	CFM/Person	Year CFM	Floor Area	CFM/Sq. Ft.	Year CFM	CFM	Ventilation CFM	Exhaust
100	Yard	10	0	5	0	107	0.04	4	4	4	0
114	Office	14	5	5	15	54	0.04	5	24	24	0
115	Livingg	15	4	5	20	111	0.04	5	27	27	0
116	Hallen	8	0	5	0	44	0.04	2	5	5	0
117	Hallen	8	0	5	0	47	0.04	2	5	5	0
118a	Corridor	5	0	5	0	42	0.04	2	5	5	0
119	Office	10	5	5	15	55	0.04	4	23	23	0
120	Office	10	5	5	15	55	0.04	4	23	23	0
121	Office	15	5	5	15	84	0.04	5	29	29	0
122	Office	15	5	5	15	84	0.04	5	29	29	0
124	Office	15	5	5	15	84	0.04	5	29	29	0
126	Office	21	5	5	15	124	0.04	6	33	33	0
127	Conference	27	4	5	48	133	0.04	10	54	54	0
Sub Totals Sheet 1:					106			79	217	234	0

FANS											
SCHEDULE BASED ON GREENWICK											
MARK	SERVICE	CFM	SP IN. W.C.	HP	RPM	MAX. TIP SPEED FPM	MAX. OUTLET VEL. FPM	MAX. SOUND RATING	DRIVE	MODEL	POWER
F-1	EXHAUST	75	.5	80W	950	--	--	5.0 SONES	DIRECT	SP-B110	115/1/60
F-2	EXHAUST	75	.5	80W	950	--	--	5.0 SONES	DIRECT	SP-B110	115/1/60
F-3	EXHAUST	75	.5	80W	950	--	--	5.0 SONES	DIRECT	SP-B110	115/1/60
NOTES: 1. PROVIDE UNIT MOUNTED VARIABLE SPEED SWITCH FOR DIRECT DRIVE FAN. 2. FAN RUNS CONTINUOUSLY. 3. INTERLOCK WITH LIGHT SWITCH.											

GRILLES REGISTERS AND DIFFUSERS							
SCHEDULE BASED ON TITUS							
MARK	USAGE	STYLE	MODEL	SIZE	DESCRIPTION OF BLOW	DAMPER	REMARKS
A	SUPPLY	CEILING SURFACE	TMSA	12x12 W/6" NECK	4-WAY	YES	ADJUSTABLE HORIZONTAL-TO-VERTICAL DISCHARGE PATTERN
B	SUPPLY	CEILING LAY-IN	TMSA	24x24 W/6" NECK	4-WAY	YES	ADJUSTABLE HORIZONTAL-TO-VERTICAL DISCHARGE PATTERN
C	SUPPLY	CEILING LAY-IN	TMSA	24x24 W/8" NECK	4-WAY	YES	ADJUSTABLE HORIZONTAL-TO-VERTICAL DISCHARGE PATTERN
D	SUPPLY	CEILING LAY-IN	TMSA	24x24 W/10" NECK	4-WAY	YES	ADJUSTABLE HORIZONTAL-TO-VERTICAL DISCHARGE PATTERN
E	SUPPLY	SIDEWALL	300RL	14x6	DOUBLE DEFLECTION	YES	-
F	RETURN	CEILING SURFACE	50F	10x10	---	NO	-
G	RETURN	CEILING SURFACE	50F	12x12	---	NO	-
H	RETURN	CEILING SURFACE	50F	14x14	---	NO	-
J	RETURN	SIDEWALL	355ZRS-HD	24x30	---	NO	HEAVY DUTY
NOTES: 1. RUNOUTS TO DIFFUSERS SHALL BE DIFFUSER NECK SIZE UNLESS INDICATED OTHERWISE. 2. DIFFUSERS AND GRILLES SHALL BE SELECTED WITH A MAXIMUM NC=25.							

FURNACES, COILS AND CONDENSING UNITS													
SCHEDULE BASED ON LENNOX													
MARK	FURNACE							COOLING COIL		CONDENSING UNIT		REMARKS	
	MODEL	CFM	SP IN. W.C.	MBH INPUT	MBH OUTPUT	HP	POWER	MODEL	EAT °F DB°F/MB°F	MBH SENS.	MBH TOTAL		
ACU-1	ML193XH090P48C	1580	0.5	88	83	1/2	115/1/60	CX34-50C-6F	80/67	38.6	52.2	HS26-048-1Y	95
ACU-2	ML193XH090P48C	1120	0.5	88	83	1/2	115/1/60	CX34-50C-6F	80/67	38.6	52.2	HS26-048-1Y	95
ACU-3	ML193XH110P60C	2205	0.5	110	104	1	115/1/60	CX34-62C-8F	80/67	49.7	63.8	HS26-060-1Y	95
NOTE: 1. ACU-1 & 2 FURNACES TO BE PROVIDED WITH SIDE ACCESS FILTER RACK AND FILTER. 2. ACU-3 FURNACE TO BE MOUNTED ON 24" HIGH ANGLE IRON FRAME WITH BOTTOM ACCESS FILTER RACK AND FILTER.													

DUCTLESS SPLIT SYSTEM AIR CONDITIONING UNIT													
SCHEDULE BASED ON DAIKIN													
INDOOR UNIT									CONDENSING UNIT				POWER
MARK	FAN CFM LOW	FAN CFM MED	FAN CFM HIGH	EAT D.B. ° F	EAT W.B. ° F	HEATING MBH	COOLING TOTAL MBH	AUXILARY HEAT	MODEL	MARK	AMBIENT ° F	MODEL	
ACU-4	244	297	417	80	67	-	9.0	-	FTK09NMVJU	CU-4	95	JURK09NMVJU	208/1/60
NOTE: 1. UNIT TO BE FURNISHED WITH LOW AMBIENT CONTROLLER AND WALL MOUNTED THERMOSTAT.													



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PROJECT TITLE

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Fremont Branch Bank  
1701 West State Street (Route 20)  
Fremont (Sandusky County) Ohio 43420

ISSUE OR REVISION


02.16.2023 PERMITS

DATE ISSUE / REVISION

DESIGNED: CAH

DRAWN: CAH

CHECKED: JDS

DAP COMMISSION NUMBER: 22019

DRAWING TITLE

MECHANICAL  
HVAC

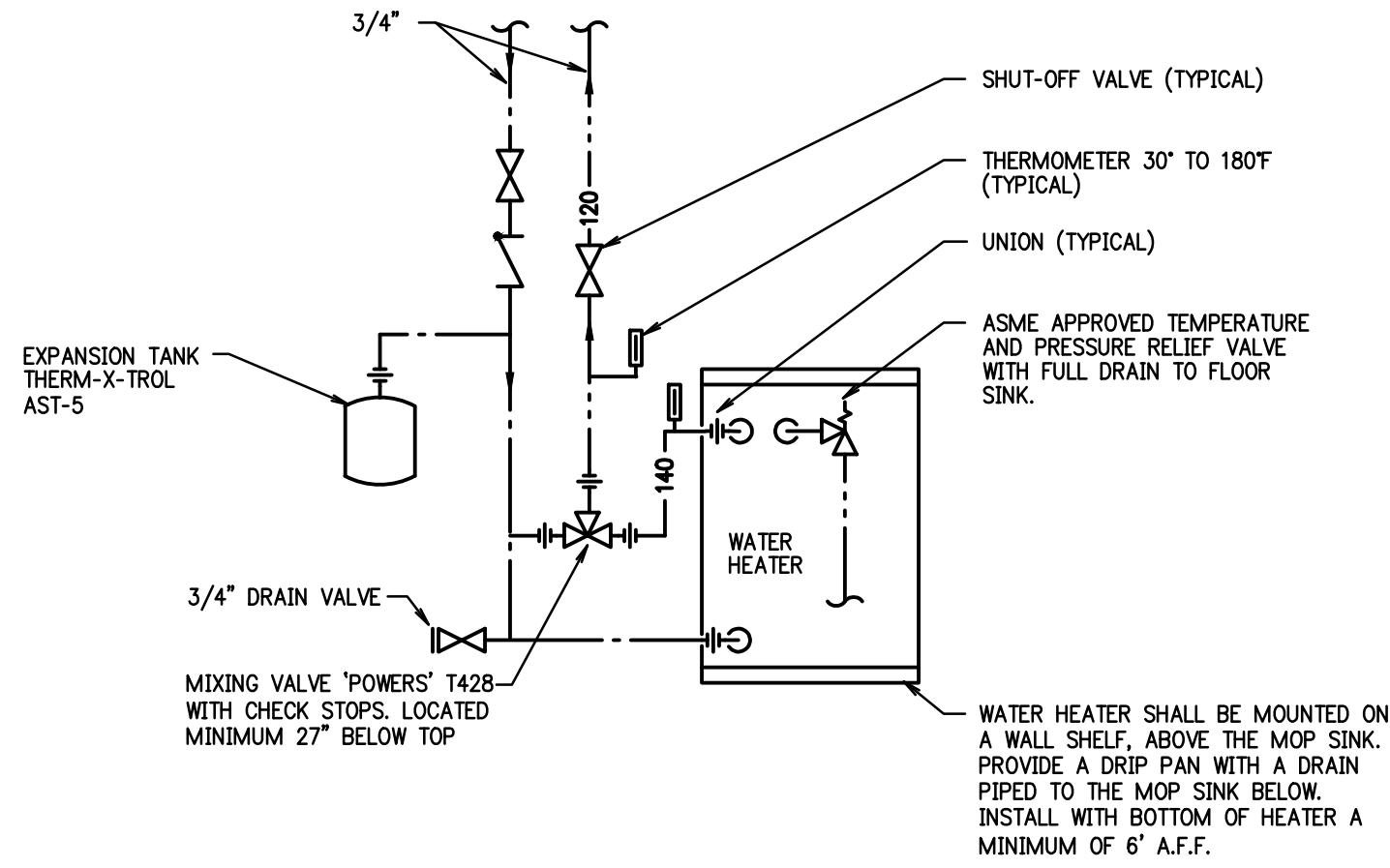
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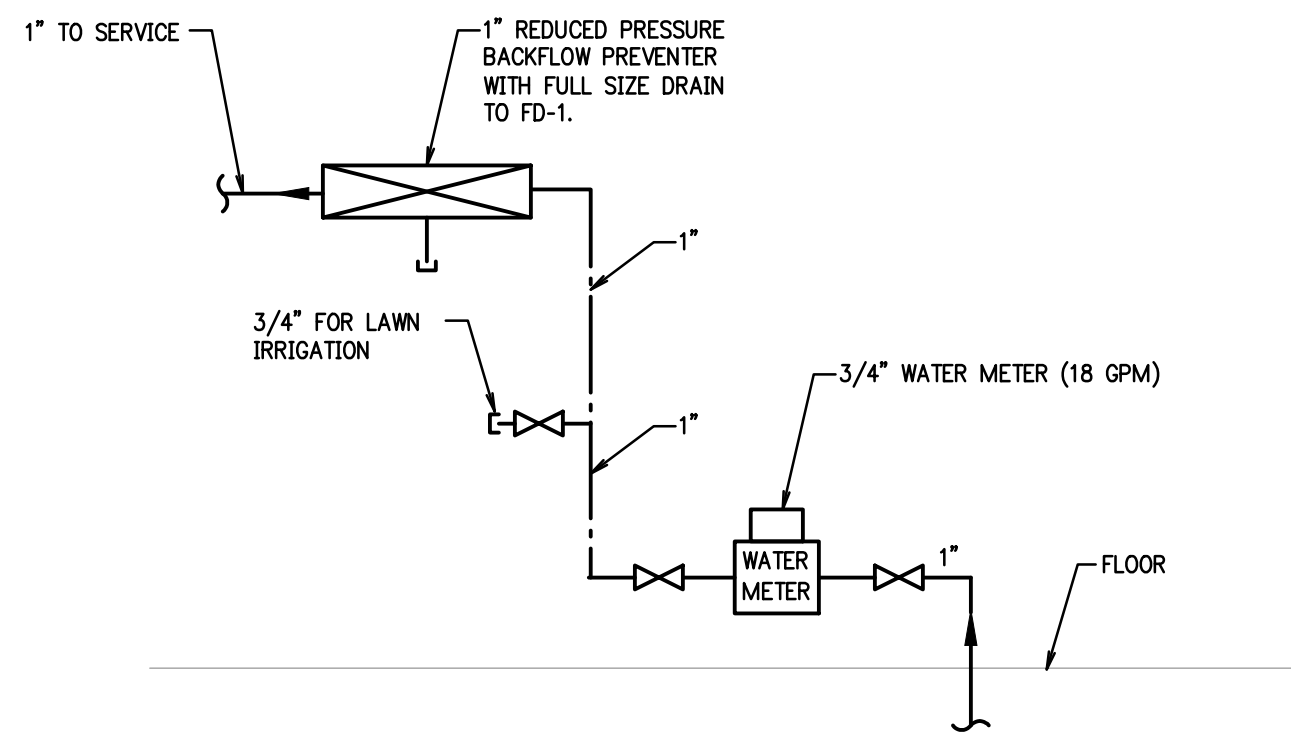
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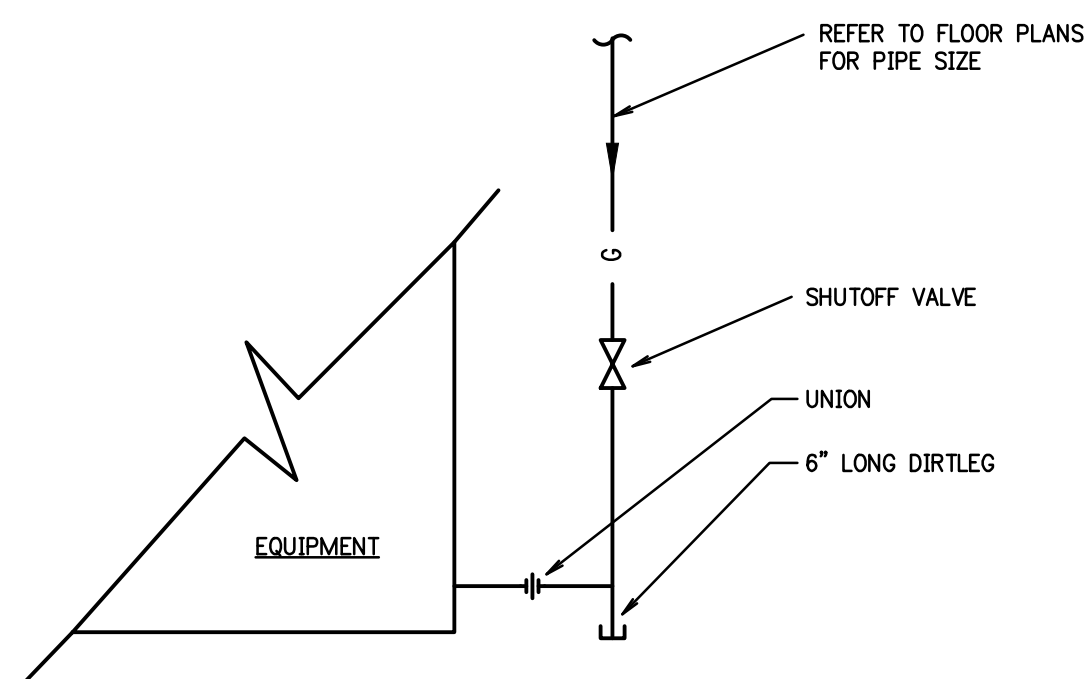


**ELECTRIC WATER HEATER PIPING DIAGRAM**  
NO SCALE

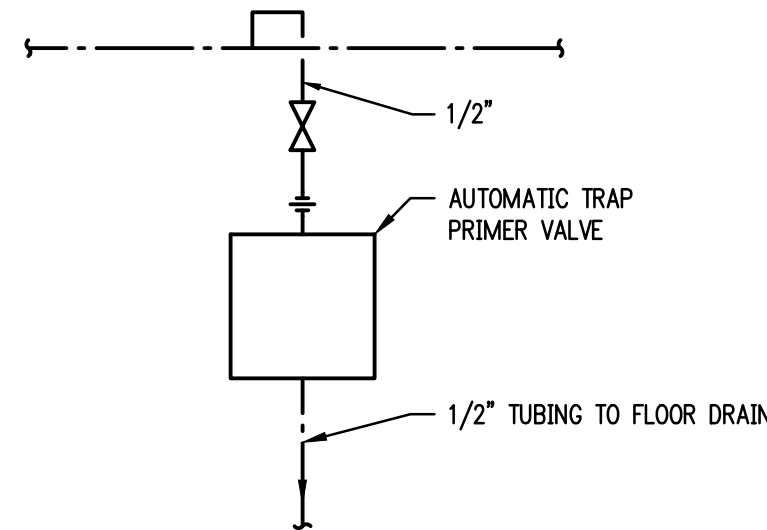
ELECTRIC WATER HEATER										
SCHEDULE BASED ON LOCHINVAR JRC0100S										
NO.	DIA.	HEIGHT	STORAGE GALLONS	NO. OF ELEMENTS	KW PER ELEMENT	TOTAL KW	EWI T	LWT T	RECOVERY GPH	POWER
W-1	14"	27 3/4"	10	1	1.5	1.5	40	140	6.14	120/1/60
										FURNISH SIX WAY SHELF MOUNTING BRACKET



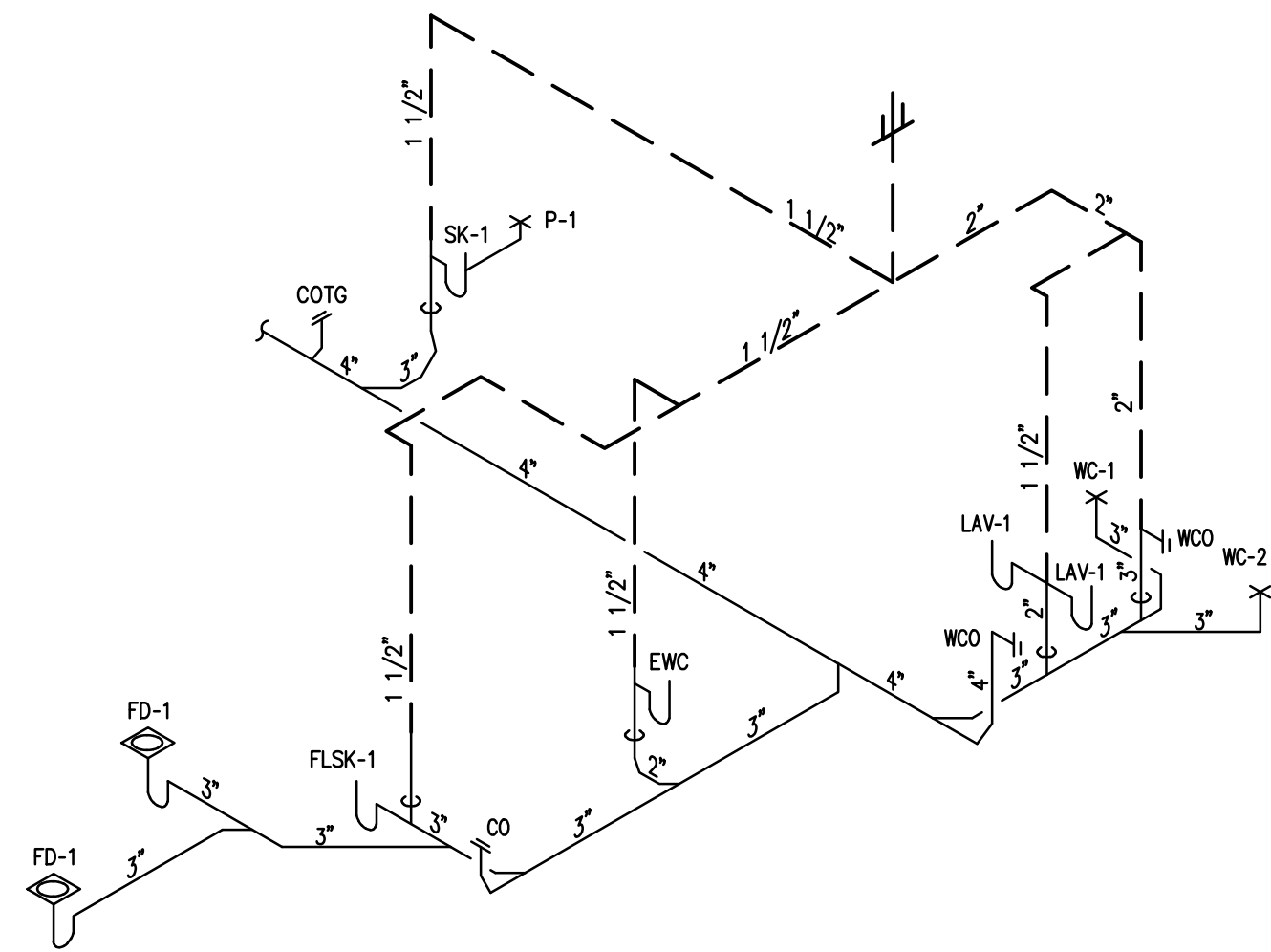
**WATER METER PIPING DIAGRAM**  
NO SCALE



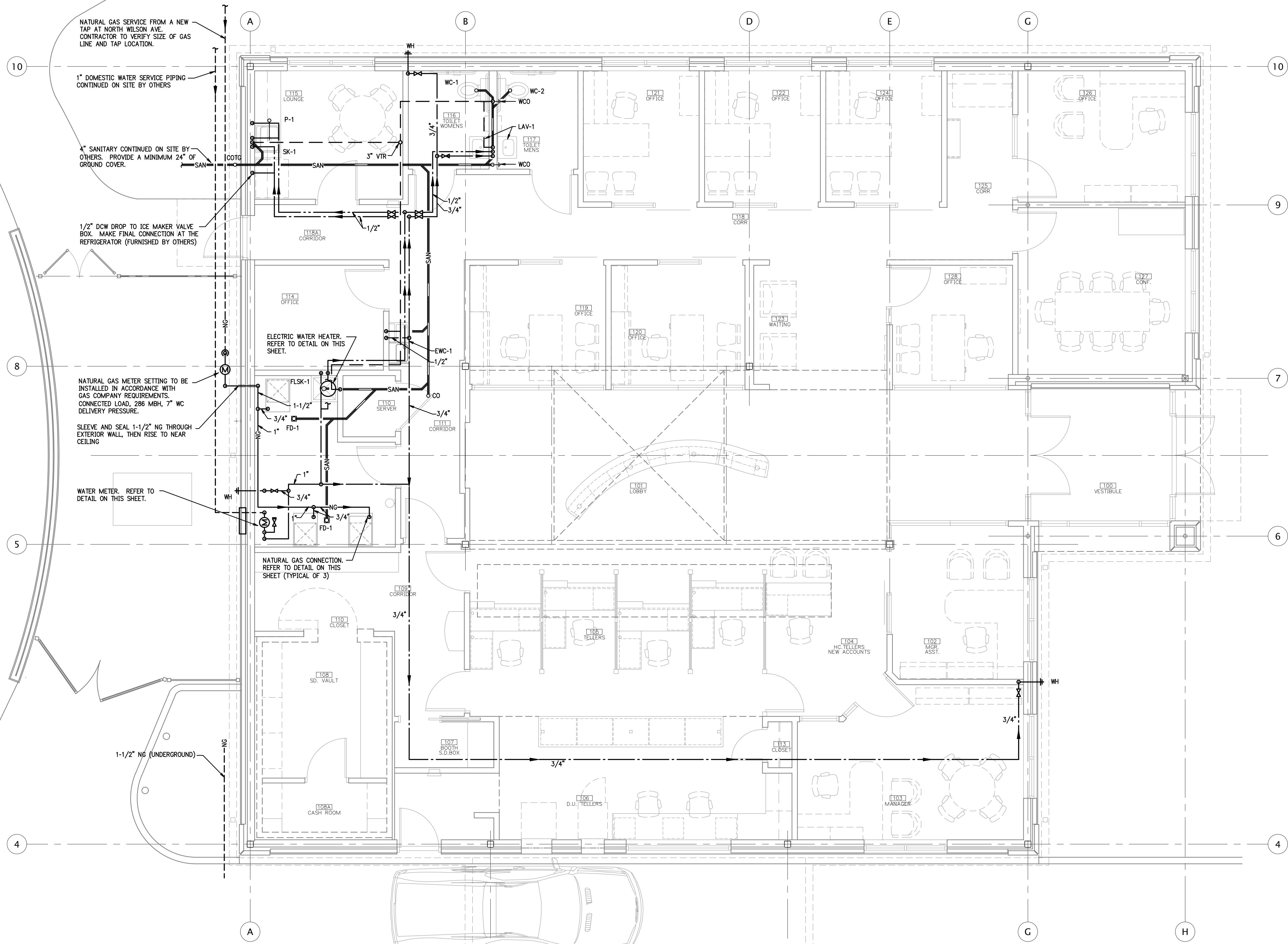
**GAS CONNECTION DETAIL**  
NO SCALE



**TRAP PRIMER PIPING DIAGRAM**  
NO SCALE



**WASTE AND VENT SCHEMATIC**  
NO SCALE



**FLOOR PLAN - PLUMBING**  
SCALE: 1/4"=1'-0"



PLUMBING FIXTURE SCHEDULE					
DESCRIPTION	SYMBOL	CW	HW	WASTE	VENT
WATER CLOSET - FLOOR SET - TANK TYPE - (ADA)	WC-1	1/2"	---	4"	2"
TRIP LEVER ON RIGHT SIDE OF TANK					
WATER CLOSET - FLOOR SET - TANK TYPE - (ADA)	WC-2	1/2"	---	4"	2"
TRIP LEVER ON LEFT SIDE OF TANK					
LAVATORY - WALL HUNG	LAV-1	1/2"	1/2"	1 1/2"	1 1/2"
FLOOR SINK - FLOOR SET - 24" x 24"	FLSK-1	1/2"	1/2"	3"	1 1/2"
SINK - SINGLE COMPARTMENT - STAINLESS STEEL WITH GARBAGE DISPOSAL	SK-1	1/2"	1/2"	1 1/2"	1 1/2"
ELECTRIC WATER COOLER	EW-1	1/2"	---	1-1/2"	1-1/2"
FLOOR DRAIN	FD-1	---	---	4"	2"
DISHWASHER SUPPLIED BY OWNER	P-1	---	1/2"	3/4"	---



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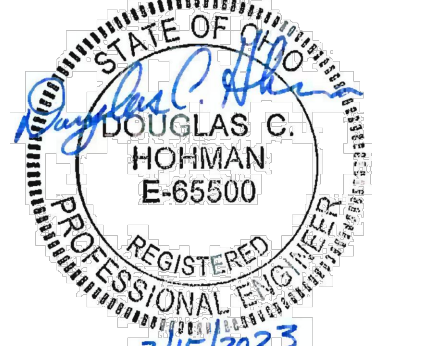
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**FLOOR PLAN  
PLUMBING**

DRAWING NUMBER

**P1.01**

SHEET X OF X



LUMINAIRE SCHEDULE		
	LITHONIA LQC-1-G-ELN	
	LITHONIA LQC-1-G-ELN	
	EMERGI-LITE FPS1/U BODINE B50 SURE-LITE FBP-2-40H	
	LITHONIA ELM6L UVOLT LTP SDRT LLH	
	LITHONIA ELM6L UVOLT LTP SDRT	
	BEGA 55943 K4	
	GOTHAM EV06 35/30 AR MWD LD MVOLT GZ1 TRW	
	McGRAW-EDISON LRC-B64-4-LED-E1-WST-WH	
	GOTHAM EV06SQ 40/25 AR LSS 120	
	FOCAL POINT FARL 22 AC 3000L 35K 1C 120 LD1 G1 WH	
	FOCAL POINT FARL 24 AC 4000L 35K 1C 120 LD1 G1 WH	
	BRUCK LLED-30K-90-805-MC-PWH	
	FOCAL POINT FARL 24 AC 5000L 35K 1C 120 LD1 F WH	
	LITHONIA WL4 48L EZ1 LP835	
	VISA CM2012-L35K-MVOLT-BA-IRP DCC	
	ALKO ARIS41-401-120-PRL-HWC	
	ELLIPTAR S404-M112-D-22-M-00-0-940-ZX	
	ELLIPTAR S315-R07M-S-00-M-OK-0-940-ZX	
	BEGA 31 075	
	LIGMAN ULEW-30011-14W-T3-W40-05-120/277V	
	ELLIPTAR S315-R08M-S-00-M-OK-0-940-ZX	
	LIGMAN ULEW-30011-14W-T3-W40-05-120/277V	
	FURNISHED BY OWNER	
	FURNISHED BY OWNER	
	RAB VXB2006	
	WAC LED201-30-WT-120V-3000K-15W-90-15"-600	
	LITHONIA DSXO LED P3 40K 80CRI T3M MVOLT SPA DNATXO	
	LITHONIA DSXO LED P3 40K 80CRI TFTM MVOLT SPA DNATXO	
	LITHONIA DSXO LED P3 40K 80CRI T4M MVOLT SPA DNATXO	
	LITHONIA (2) DSXO LED P3 40K 80CRI T4M MVOLT SPA DNATXO	
	LITHONIA SSS-254G-DM19AS-FBC-VD-USPOM-M00	
	B-K LIGHTING YO-LED-TR-x116-WW-SAP-9-11-CV-0-10-MT B-K LIGHTING PP-J18-SAP-B-SF (POST)	
	STRONG POLES SP-SM12S	

LUMINAIRE SCHEDULE AND LEGEND NOTES:

- A. PROVIDE APPROPRIATE MOUNTING HARDWARE AS REQUIRED.
- B. E.C. TO COORDINATE WITH ARCHITECT FOR ADJUSTMENT OF TYPE 'W1' & 'W4' LUMINAIRES.
- C. PROVIDE BACKBOX AND 1" CONDUIT TO SERVER ROOM 110.
- D. PROVIDE A 4-11/16" SQ. 2.125" DEEP BOX WITH SINGLE-GANG PLASTER RING, M.H. 48" U.N.O. AT EACH SECURITY SYSTEM DEVICE, WITH A 1.25" CONDUIT STUBBED UP ABOVE ACCESSIBLE CEILING. REFER TO HSPCI DRAWINGS. VERIFY EXACT LOCATION AND MOUNTING HEIGHT OF EACH SECURITY DEVICE WITH OWNER.

LEGEND	
	WALL SWITCHES: SINGLE POLE, DOUBLE POLE, 3-WAY, 4-WAY
	MANUAL MOTOR STARTER
	PILOT-LIGHTED SWITCH, RED LIGHT HANDLE, ON WITH LOAD
	MANUAL ON-OFF SWITCH
	SWITCH AND FUSE HOLDER; BUSSMANN TYPE 'SSU'
	SWITCH, 2-POSITION, MAINTAINED, CENTER OFF
	DIMMER, 300W, WHITE FINISH, ELECTRONIC LOW VOLTAGE COORDINATE DIMMER TYPE WITH LUMINAIRE; LUTRON NOVA T SERIES
	DIMMER, 0-10V, SLIDE; LUTRON NOVA T SERIES
	VACANCY SENSOR, CEILING-MOUNTED
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE, 2-GANG, 4-OPENING
	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER PROTECTION
	DUPLEX RECEPTACLE ON GENERATOR POWER, RED DEVICE AND FACEPLATE
	DUPLEX RECEPTACLE WITH TWO USB CHARGING PORTS; HUBBELL USB20X2...
	30A, 3-POLE, 4-WIRE GROUNDING RECEPTACLE, NEMA 14-30R, 125/250V RITING (120/208V-1PH-3W SYSTEM), ANGLE CAP; HUBBELL 9430
	30A, 2-POLE, 3-WIRE GROUNDING RECEPTACLE, NEMA 6-30R, 250V RATING (120/240V-1PH-3W SYSTEM); HUBBELL HBL9330
	POP-UP POWER/DATA COUNTERTOP RECEPTACLE, WITH TWO 20A DUPLEX RECEPTACLES AND TWO CUTOUTS FOR TELECOM PLATES; MCKEITT PCS6/DE/M
	FLUSH FLOOR BOX WITH TWO DUPLEX RECEPTACLES AND COMM/AV (COORDINATE WITH OWNER) OUTLETS, FLUSH CARPET TRIM RECESSED ACTIVATION AND ACCESSORIES; REFER TO SPECIFICATIONS
	FACELESS GFCI RECEPTACLE, 20A 125V, 2-POLE, 3-WIRE, AUTO RESET TYPE; HUBBELL GFBFST20
	JUNCTION BOX, BLANK COVER
	OUTLET TO BE DUPLEX OR MATCHING RECEPTACLE IF EQUIPMENT IS FURNISHED WITH COFD AND PLUG, OR JUNCTION BOX AND/OR SAFETY SWITCH WITH SEALTITE CONNECTION IF EQUIPMENT IS TO BE WIRED DIRECT. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO VERIFY THE REQUIRED OUTLET AND TO WIRE ALL EQUIPMENT COMPLETE.
	COMMUNICATION OUTLET, 4-11/16" SQ. 2-1/8" DEEP BOX WITH SINGLE GANG PLASTER RING, 1.25"C STUBBED UP ABOVE ACCESSIBLE CEILING
	COMMUNICATION OUTLET, 4-11/16" SQ. 2-1/8" DEEP BOX WITH DOUBLE GANG PLASTER RING, (2) 1.25"C STUBBED UP ABOVE ACCESSIBLE CEILING
	HEAVY DUTY SAFETY SWITCH, SIZE AS NOTED, FUSED AS NOTED, NEMA 1
	HEAVY DUTY SAFETY SWITCH, SIZE AS NOTED, FUSED AS NOTED, NEMA 3R
	CONDUIT CONCEALED IN WALL OR ABOVE CEILING, EXPOSED IN UNFINISHED AREAS
	CONDUIT CONCEALED UNDER FLOOR
	HOME RUN TO PANEL; NEUTRAL, PHASE 'A', 'B', 'C' AND GROUND
	RECEPTACLE PANEL, 72-BREAKER; 120/208V-3PH-4W
	MOTOR, HORSEPOWER AS NOTED
	CONTROL PANEL (STARTERS, ETC.); F.B.M.C.
	DOOR OPERATOR; F.B.G.C.
	PLYWOOD TELEPHONE BACKBOARD, 3/4" x 8'-0" HIGH x WIDTH AS SHOWN. PAINT WITH TWO COATS OF FIRE-RETARDANT PAINT, FLAME CONTROL NO. 20-20 AS AVAILABLE FROM GILDEN, BENJAMIN MOOR, PITTSBURG PAINT AND SHERWIN WILLIAMS.
	PROVIDE 1/8" x 2" x 12" COPPER GROUND BAR MOUNTED WITH 3" STAND-OFFS AT TOP OF BACKBOARD.
	WIRE COPPER GROUND BAR ON BACKBOARD TO PANEL GROUND WITH #6 GROUND CONDUCTOR.
	WIRE COPPER GROUND BAR TO A 10'-0" GROUND BAR WITH #6 GROUND CONDUCTOR.
	PROVIDE A DOUBLE DUPLEX RECEPTACLE WIRED ON A DEDICATED CIRCUIT MOUNTED AT 48" AT EDGE OF BACKBOARD.
	SERVICE ENTRANCE SURGE PROTECTION DEVICE; SEE SPECIFICATIONS
	BRANCH PANEL SURGE PROTECTION DEVICE; SEE SPECIFICATIONS
	FEEDER IDENTIFICATION, SEE FEEDER SCHEDULE SHEET E3.00
	PHOTOCELL MOUNTED AT ROOF LINE FACING NORTH; PRECISION ST-15
	SEVEN-DAY TIME SWITCH, PHOTOCELL-INITIATED; PARAGON EC7000
	RADIANT CEILING HEATING PANEL, 2' x 2' LAY-IN, 375W-120V, WHITE FINISH, WITH ALL MOUNTING ACCESSORIES AS REQUIRED FOR CEILING SYSTEM; BERKO CP371 SERIES OR EQUAL
	ELECTRIC BASEBOARD HEAT, 2'-8"L, WHITE FINISH, 250W/FT., INTEGRAL THERMOSTAT, 120V; BERKO ASLC02-250-F-120-S-P-O-R-T-D-O-D-O-D-O
	ELECTRIC BASEBOARD HEAT, 6'-0"L, WHITE FINISH, 250W/FT., INTEGRAL THERMOSTAT, 120V; BERKO ASLC06-250-F-120-S-P-O-R-T-D-O-D-O-D-O
	RECESSED MOUNTED FAN FORCED HEATER, 208V, 5000W, RELAY FOR CONNECTION TO BAS FOR CONTROL, INTEGRAL DISCONNECT SWITCH, BERKO CUH-935-50203-FFA-1R2C-MSSS2000A OR ENGINEER APPROVED EQUAL
	LIGHTING CONTROL PANEL, SURFACE MOUNT, SIX 4-POLE CONTACTORS, EIGHT CONTROL CHANNELS, SYSTEM CLOCK, 120/208V, PHOTOCELL; WATT STOPPER HINCP2416C-120 (INTERIOR), HUB24 (TUB), HCV24SL (SURFACE MOUNT COVER), SC-100-CP (SYSTEM CLOCK), EM-24A2 (PHOTOCELL) OR ENGINEER-APPROVED EQUAL
	DUCT SMOKE DETECTOR, PHOTOELECTRIC TYPE; SYSTEM SENSOR DH100ADCPL
	SMOKE MONITORING HORN/STROBE, GREEN, AMBER, RED LED'S, KEYED TEST/RESET, WITH 'SMOKE' LENS; SYSTEM SENSOR SSK451 (HORN), PS24LOW (STROBE), PS12/24LENSW (LENS)
	SMOKE MONITORING PANEL

SECURITY DEVICES	
	SOUND DETECTOR, CEILING-MOUNTED; F.B.O. SEE NOTE-D.
	CCTV CAMERA; F.B.O. SEE NOTE-D.
	DOOR CONTACT; F.B.O. SEE NOTE-D.
	ALARM CONTROL PANEL; F.B.O. SEE NOTE-D.
	MOTION DETECTOR, CEILING-MOUNTED; F.B.O. SEE NOTE-D.
	ELEC STRIKE. SEE NOTE-D.
	BILL TRAP; F.B.O. SEE NOTE-D.
	DOOR OPERATOR PUSH PAD, SINGLE. SEE NOTE-D.
	DOOR OPERATOR PUSH PAD, DUAL. SEE NOTE-D.
	KEYPAD; F.B.O. SEE NOTE-D.

ABBREVIATIONS	
E.C.	ELECTRICAL CONTRACTOR
F.B.O.C.	FURNISHED BY GENERAL CONTRACTOR, INSTALLED AND/OR WIRED BY ELECTRICAL CONTRACTOR
F.B.M.C.	FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED AND/OR WIRED BY ELECTRICAL CONTRACTOR
F.B.S.C.	FURNISHED BY SPRINKLER CONTRACTOR, INSTALLED AND/OR WIRED BY ELECTRICAL CONTRACTOR
F.B.O.	FURNISHED BY OTHERS, INSTALLED AND/OR WIRED BY ELECTRICAL CONTRACTOR
L.D.	LOCATE AS DIRECTED
M.H.	MOUNTING HEIGHT, FLOOR TO BOTTOM OF ITEM
N.F.	NO FUSE
NL	INDICATES FIXTURE TO BE WIRED HOT FOR CONTINUOUS OPERATION
TV	ITEM DESIGNATED FOR TELEVISION USE
U.N.O.	UNLESS NOTED OTHERWISE
W.P.	ITEM TO BE WEATHERPROOF



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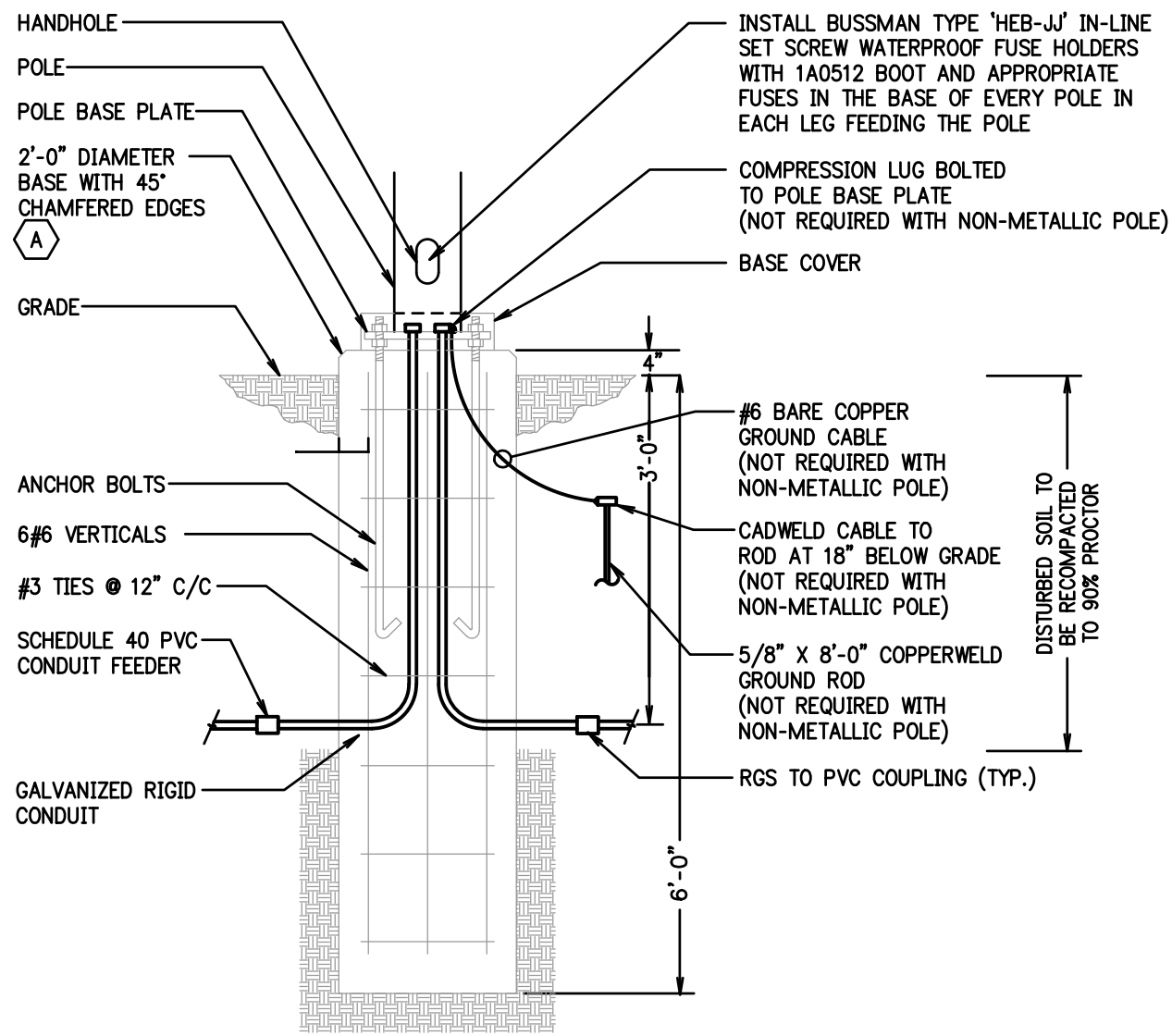
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DRAWING TITLE  
**LUMINAIRE SCHEDULE  
AND LEGEND,  
ELE CTICAL DETAILS**

DRAWING NUMBER  
**E0.01**

SHEET \_\_\_\_ OF \_\_\_\_



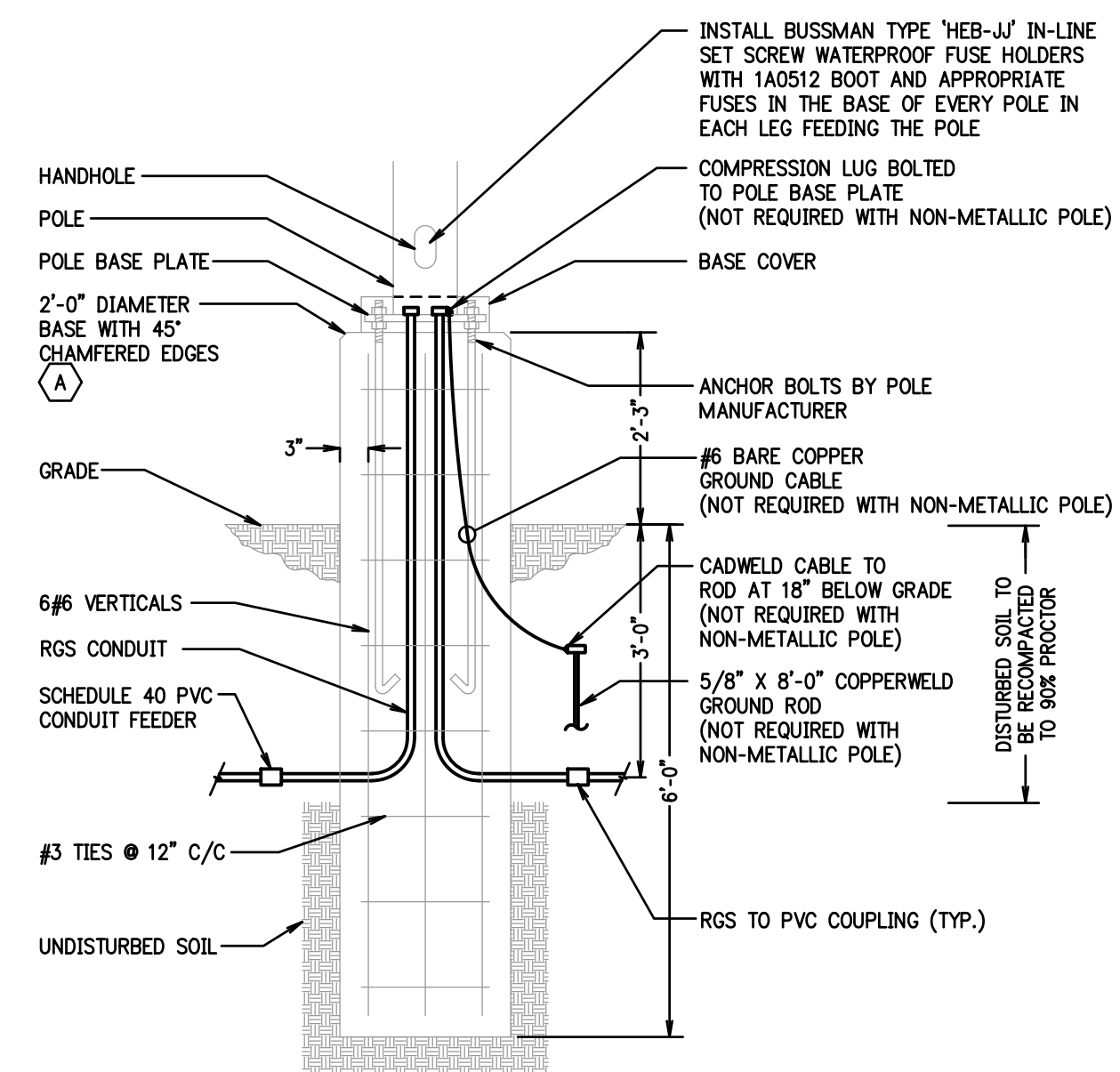


POLE BASE NOTE:

- A. BASE FORM SHALL HAVE AN INTERNAL COATING TO PROVIDE A SMOOTH FINISH UPON REMOVAL (SONOTUBE FINISH FREE FIBER FORM OR EQUIVALENT). BASE FORM SHALL SHAPE CONCRETE CHAMFER (A GROUND CHAMFER IS NOT ACCEPTABLE) AND FORM SHALL NOT EXTEND MORE THAN 18\"/>

POLE BASE DETAIL TYPE 'PB2'

SCALE: NONE



POLE BASE NOTE:

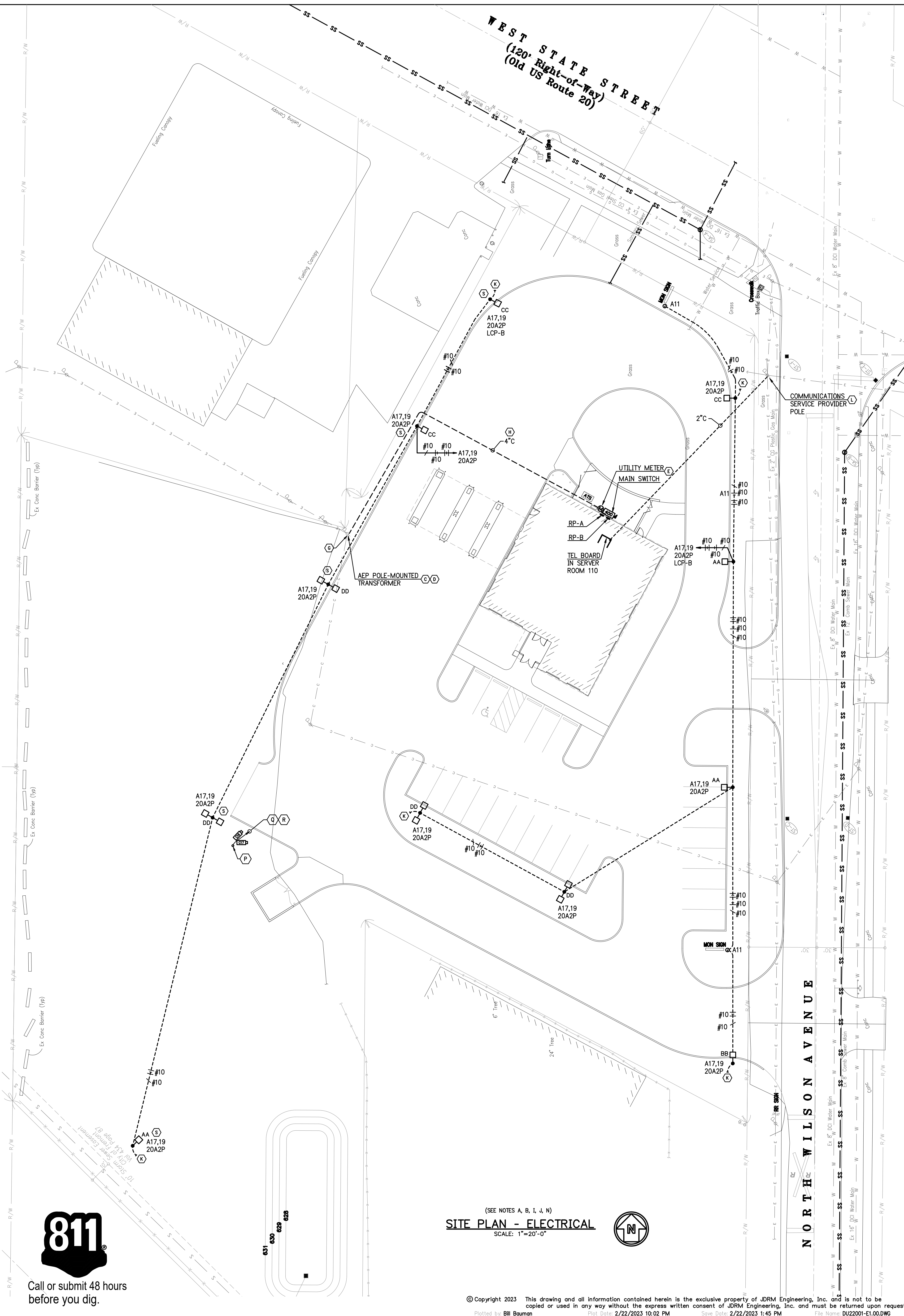
- A. BASE FORM SHALL HAVE AN INTERNAL COATING TO PROVIDE A SMOOTH FINISH UPON REMOVAL (SONOTUBE FINISH FREE FIBER FORM OR EQUIVALENT). BASE FORM SHALL SHAPE CONCRETE CHAMFER (A GROUND CHAMFER IS NOT ACCEPTABLE) AND FORM SHALL NOT EXTEND MORE THAN 18\"/>

POLE BASE DETAIL - TYPE 'PB1'

SCALE: NONE

SITE PLAN NOTES:

- A. ELECTRICAL CONTRACTOR SHALL PERFORM ALL SERVICE WORK IN ACCORDANCE WITH ELECTRIC UTILITY COMPANY (AEP), TELEPHONE COMPANY, AND CABLE TELEVISION COMPANY SPECIFICATIONS AND PER APPROVED ELECTRIC UTILITY COMPANY ENGINEERED WORK ORDER. ELECTRIC UTILITY WORK ORDER(S) SHALL BE SUBMITTED TO JDRM ENGINEERING FOR APPROVAL.
- B. THE OWNER WILL PAY FOR ELECTRIC UTILITY COMPANY SERVICE EXTENSION CHARGES.
- C. OVERHEAD POLE CONDUIT LATERALS ON STAND-OFFS WITH WEATHER HEAD OR BUSHING 6\"/>
- D. POLE-MOUNTED TRANSFORMER PROVIDED BY ELECTRIC UTILITY.
- E. METER BASE SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR PER UTILITY REQUIREMENTS. METER SOCKETS REQUIRE SLIP JOINTS AND BUSHINGS PER UTILITY REQUIREMENTS. PROVIDE PEDESTAL AS REQUIRED.
- F. OMITTED
- G. EXTEND CONDUITS TO SERVICE CONNECTION POINT. VERIFY EXACT LOCATION WITH ELECTRIC UTILITY AND TERMINATE AS DIRECTED.
- H. SEE PANEL RISER ON SHEET E3.00 FOR SECONDARY CONDUCTORS.
- I. MINIMUM CONDUIT SIZE SHALL BE 1\"/>
- J. MINIMUM WIRE SIZE SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- K. PROVIDE 1\"/>
- L. PROVIDE ONE 4\"/>
- M. OMITTED
- N. THE CONTRACTOR SHALL CONTACT UTILITY PROTECTION SERVICE (811) THREE WORK DAYS PRIOR TO COMMENCING SITE WORK TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES.
- O. ALL SITE LIGHTING SHALL BE WIRED THROUGH 'LOP' FOR CONTROL.
- P. CAMERA POLE AND BASE BY E.C. CAMERAS, PULL BOXES AND ACCESSORIES BY OTHERS.
- Q. PROVIDE A 1.25\"/>
- R. PROVIDE A 1\"/>
- S. THIS POLE BASE SHALL BE TYPE 'PB2'. ALL OTHER POLE BASES SHALL BE TYPE 'PB1'.



SITE PLAN - ELECTRICAL

SCALE: 1"=20'-0"



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Genoa Bank

Fremont Branch Bank

1701 West State Street (Route 20)  
Fremont (Sandusky County) Ohio 43420

PROJECT TITLE

ISSUE OR REVISION

02.16.2023	PERMITS
DATE	ISSUE / REVISION

DESIGNED:

DRAWN: WRB

CHECKED: DTK

DAP COMMISSION NUMBER: 22019

DRAWING TITLE

SITE PLAN & DETAILS

DRAWING NUMBER

E1.00

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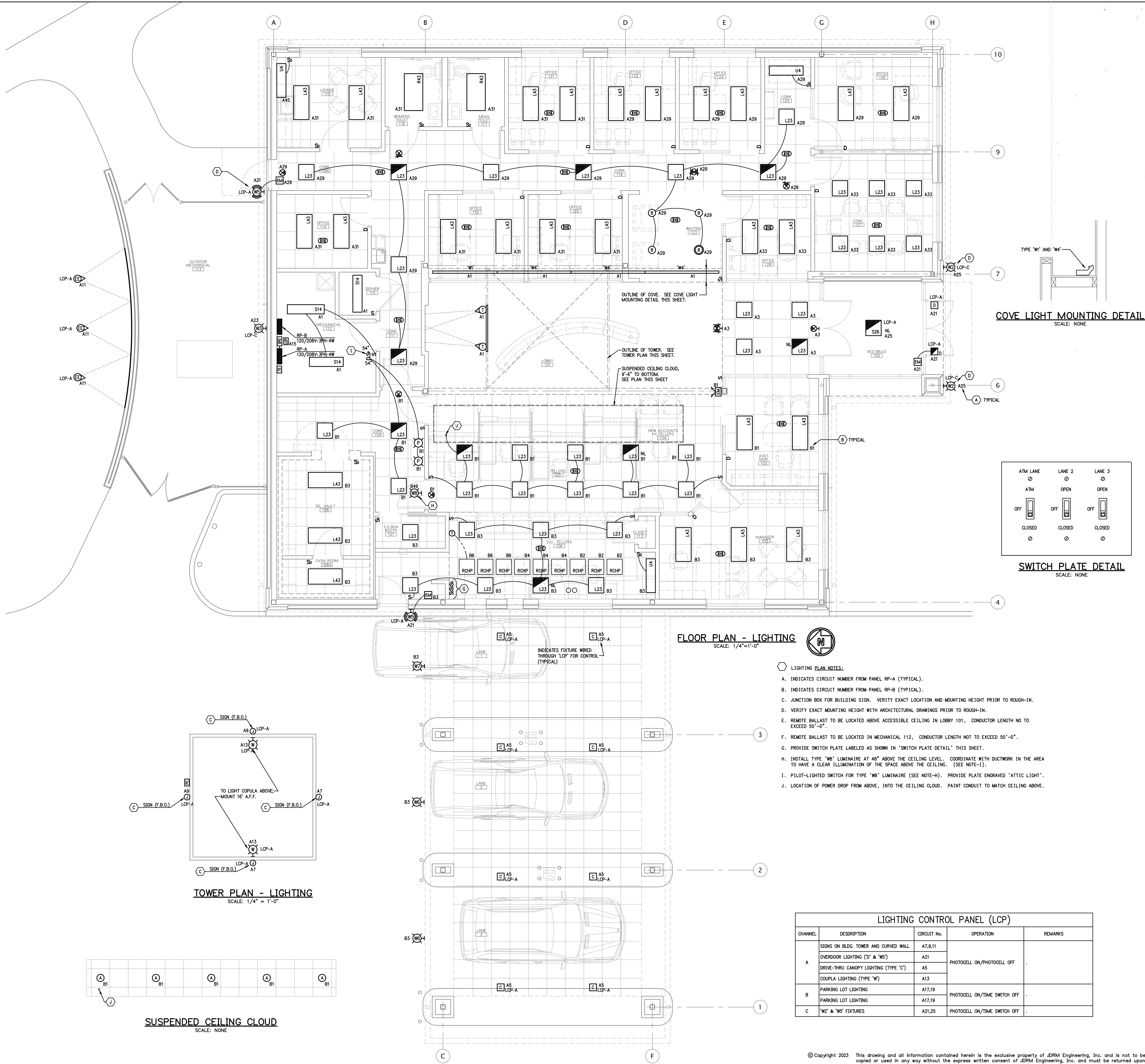
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PROJECT TITLE

ISSUE OR REVISION

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PERMITS

DATE

ISSUE / REVISION

DESIGNED:

DRAWN: WR8

CHECKED: DTK

DAP COMMISSION NUMBER: 22019

DRAWING TITLE

FLOOR PLAN  
LIGHTING

DRAWING NUMBER

E2.01

SHEET X OF X





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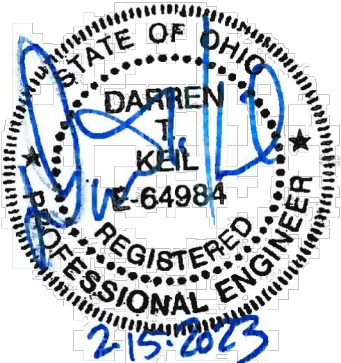
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DAP COMMISSION NUMBER: 22019

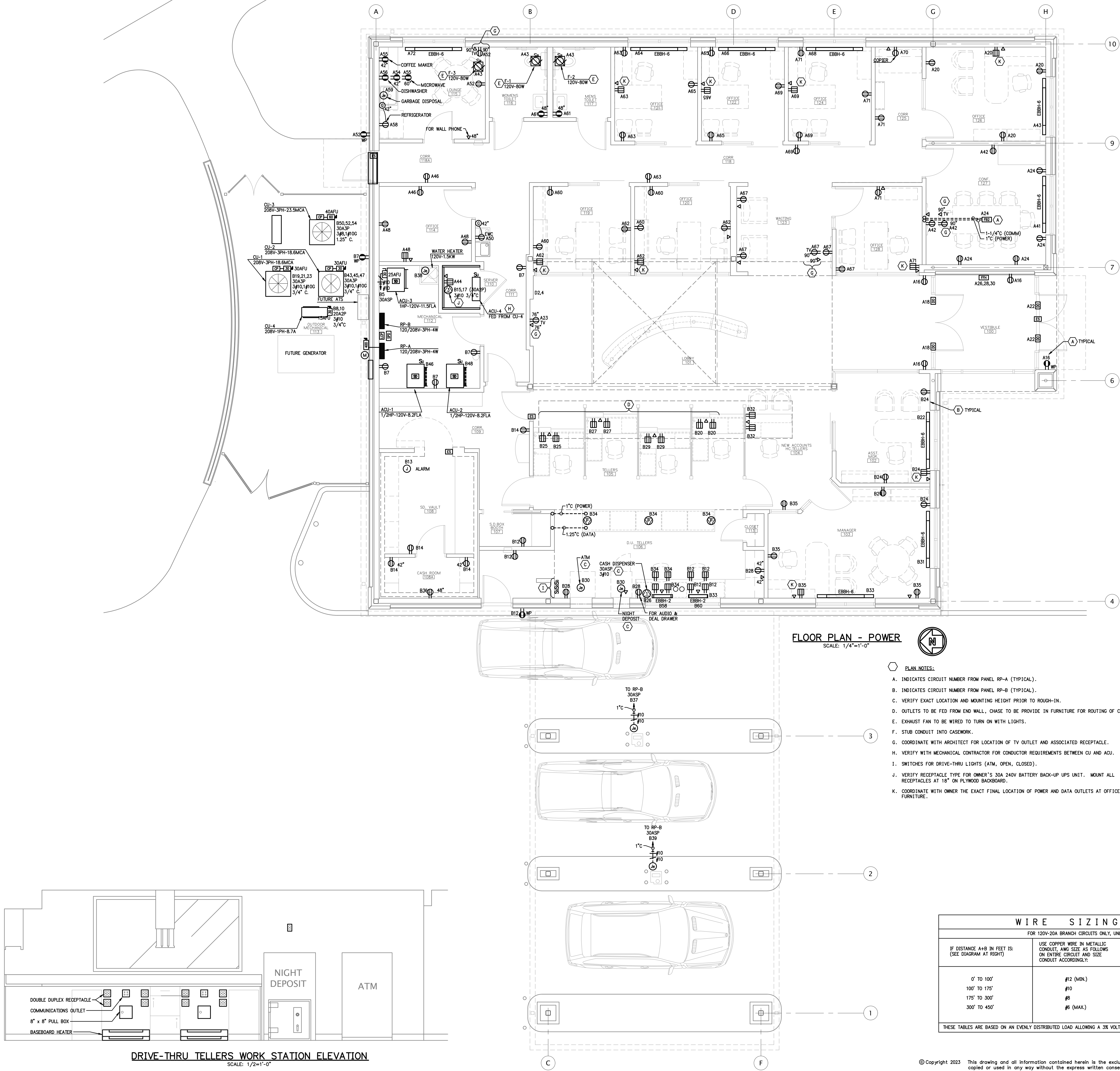
DRAWING TITLE

**FLOOR PLAN  
POWER**

DRAWING NUMBER

**E2.02**

SHEET X OF X



**FLOOR PLAN - POWER**  
SCALE: 1/4"=1'-0"

- PLAN NOTES:
- A. INDICATES CIRCUIT NUMBER FROM PANEL RP-A (TYPICAL).
  - B. INDICATES CIRCUIT NUMBER FROM PANEL RP-B (TYPICAL).
  - C. VERIFY EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH-IN.
  - D. OUTLETS TO BE FED FROM END WALL, CHASE TO BE PROVIDE IN FURNITURE FOR ROUTING OF CONDUITS.
  - E. EXHAUST FAN TO BE WIRED TO TURN ON WITH LIGHTS.
  - F. SUB CONDUIT INTO CASEWORK.
  - G. COORDINATE WITH ARCHITECT FOR LOCATION OF TV OUTLET AND ASSOCIATED RECEPTACLE.
  - H. VERIFY WITH MECHANICAL CONTRACTOR FOR CONDUCTOR REQUIREMENTS BETWEEN CU AND ACU.
  - I. SWITCHES FOR DRIVE-THRU LIGHTS (ATM, OPEN, CLOSED).
  - J. VERIFY RECEPTACLE TYPE FOR OWNER'S 30A 240V BATTERY BACK-UP UPS UNIT. MOUNT ALL RECEPTACLES AT 18" ON PLYWOOD BACKBOARD.
  - K. COORDINATE WITH OWNER THE EXACT FINAL LOCATION OF POWER AND DATA OUTLETS AT OFFICE FURNITURE.

**WIRE SIZING TABLE**

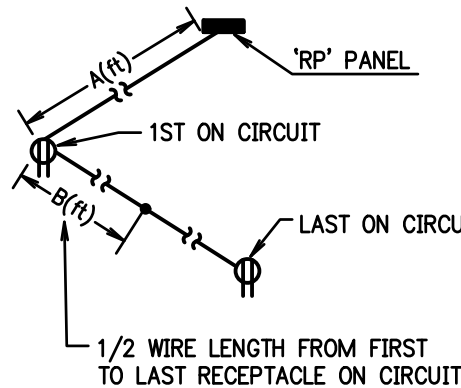
FOR 120V-20A BRANCH CIRCUITS ONLY, UNLESS OTHERWISE NOTED

IF DISTANCE A+B IN FEET IS:  
(SEE DIAGRAM AT RIGHT)

USE COPPER WIRE IN METALLIC  
CONDUIT, AWG SIZE AS FOLLOWS  
ON ENTIRE CIRCUIT AND SIZE  
CONDUIT ACCORDINGLY:

0' TO 100'  
100' TO 175'  
175' TO 300'  
300' TO 450'

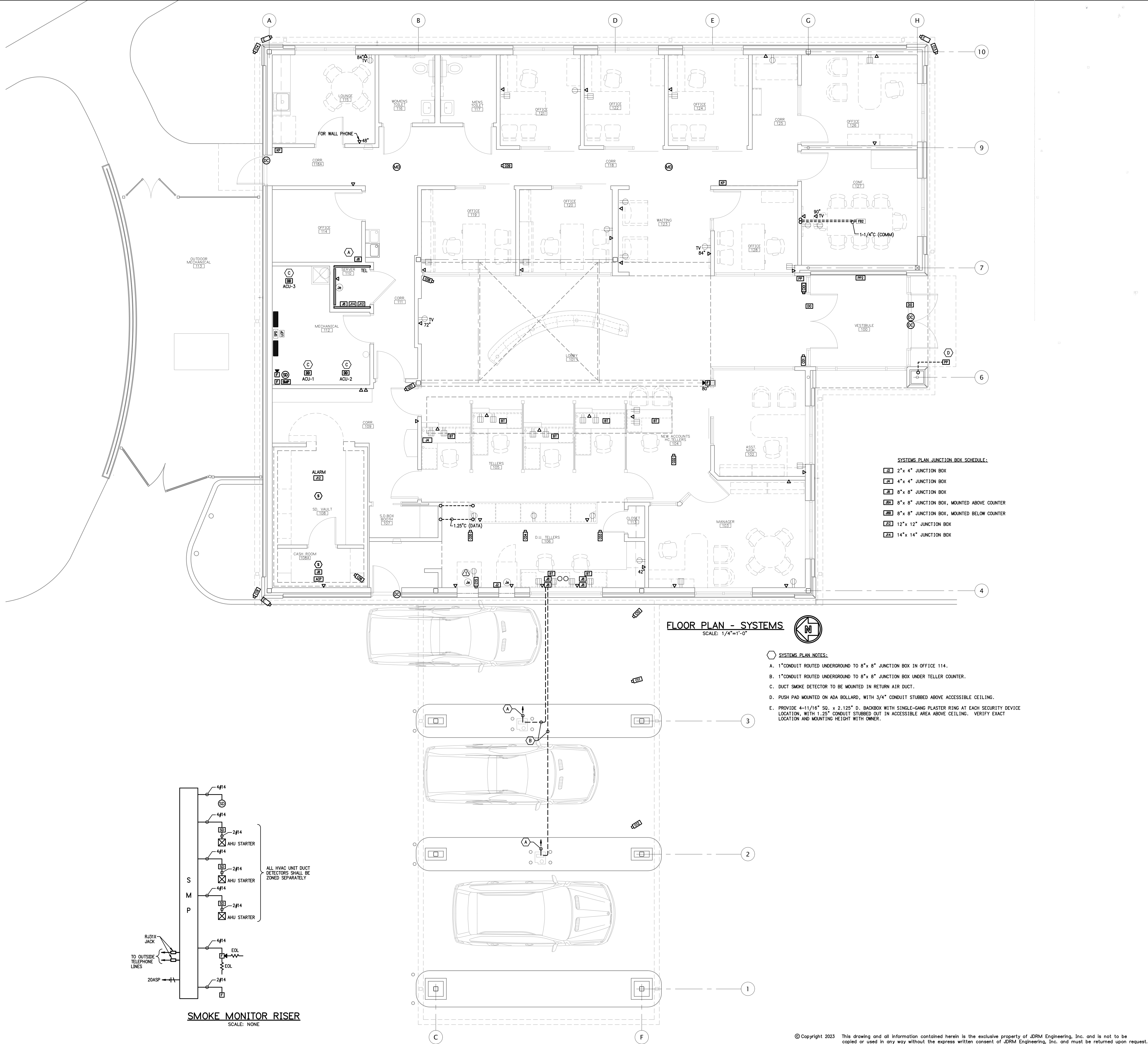
#12 (MIN.)  
#10  
#8  
#6 (MAX.)



THESE TABLES ARE BASED ON AN EVENLY DISTRIBUTED LOAD ALLOWING A 3% VOLTAGE DROP AT LAST OUTLET; APPLY ACCORDINGLY.



J:\2022\DU2201\Genoa Bank - Fremont\Dup\DU2201-E2.03.dwg Feb 22, 2023 10:02pm





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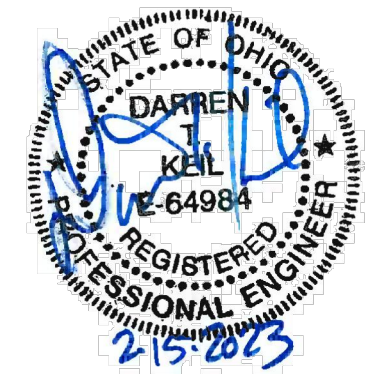
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DAP COMMISSION NUMBER:	22019
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DRAWING TITLE
FLOOR PLAN SYSTEMS

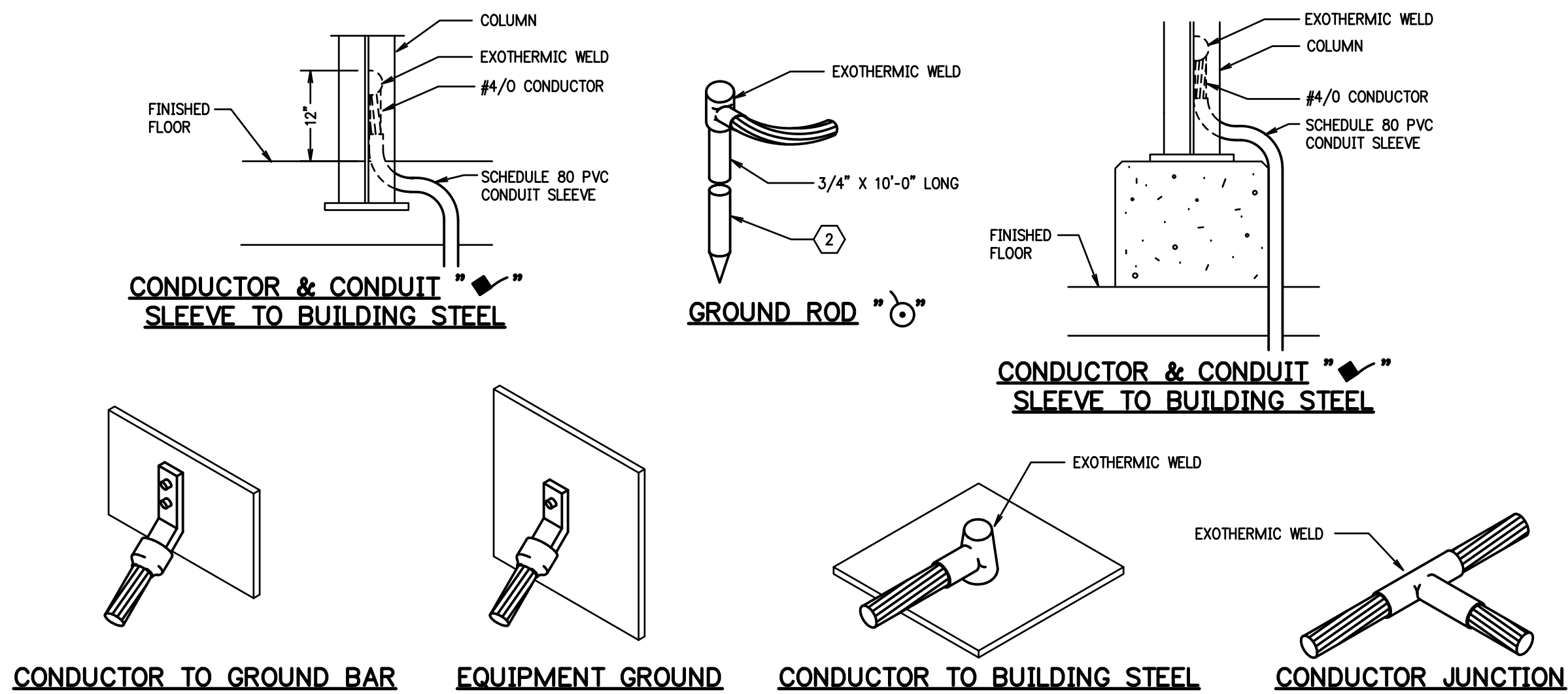
DRAWING NUMBER
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SHEET    OF

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Plotted by: Bill Bauman Plot Date: 2/22/2023 10:02 PM Save Date: 2/14/2023 10:50 PM File Name: DU2201-E2.03.DWG



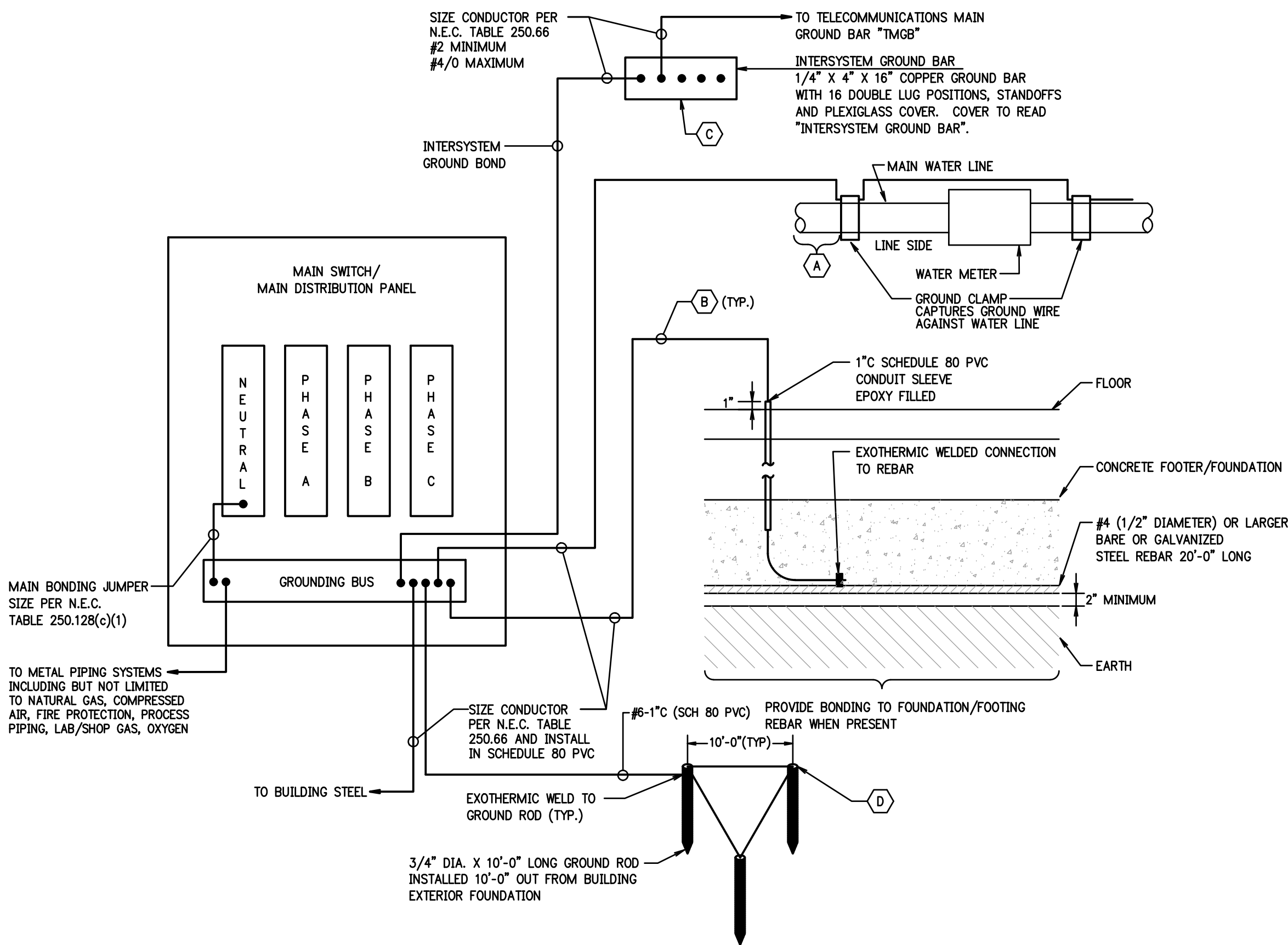


#### GROUNDING NOTES:

- GROUNDING CONDUCTOR SHALL BE LAID SLACK A MINIMUM OF 18" BELOW FINISHED GRADE (30" BELOW FINISHED GRADE WHERE GROUNDING RING EXISTS).
- GROUND RODS SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM BUILDING. GROUND CONDUCTOR FROM BUILDING THROUGH FOUNDATION SHALL BE INSTALLED IN SCHEDULE 80 PVC CONDUIT.
- GROUND RESISTANCE SHALL BE 3 OHMS MAXIMUM. ADDITIONAL RODS OR ROD EXTENSIONS SHALL BE DRIVEN TO OBTAIN THIS VALUE BY TEST.
- ALL GROUND CONDUCTORS SHALL BE A #4/0-7 STRAND SOFT, BARE COPPER CONDUCTOR MINIMUM, UNLESS NOTED OTHERWISE IN THESE DRAWINGS OR SPECIFICATIONS

#### GROUNDING DETAILS

SCALE: NONE



#### MAIN SERVICE GROUNDING NOTES:

- CONDUCTOR TO BE CLAMPED TO LINE SIDE OF MAIN WATER LINE WITHIN 5' OF BUILDING ENTRANCE.
- ALL CONDUCTORS SHALL BE COPPER.
- ALL CONNECTIONS TO INTERSYSTEM GROUND BAR SHALL BE DOUBLE LUG STYLE.
- PROVIDE INSPECTION WELL AT EACH GROUND ROD PER SPECIFICATIONS.

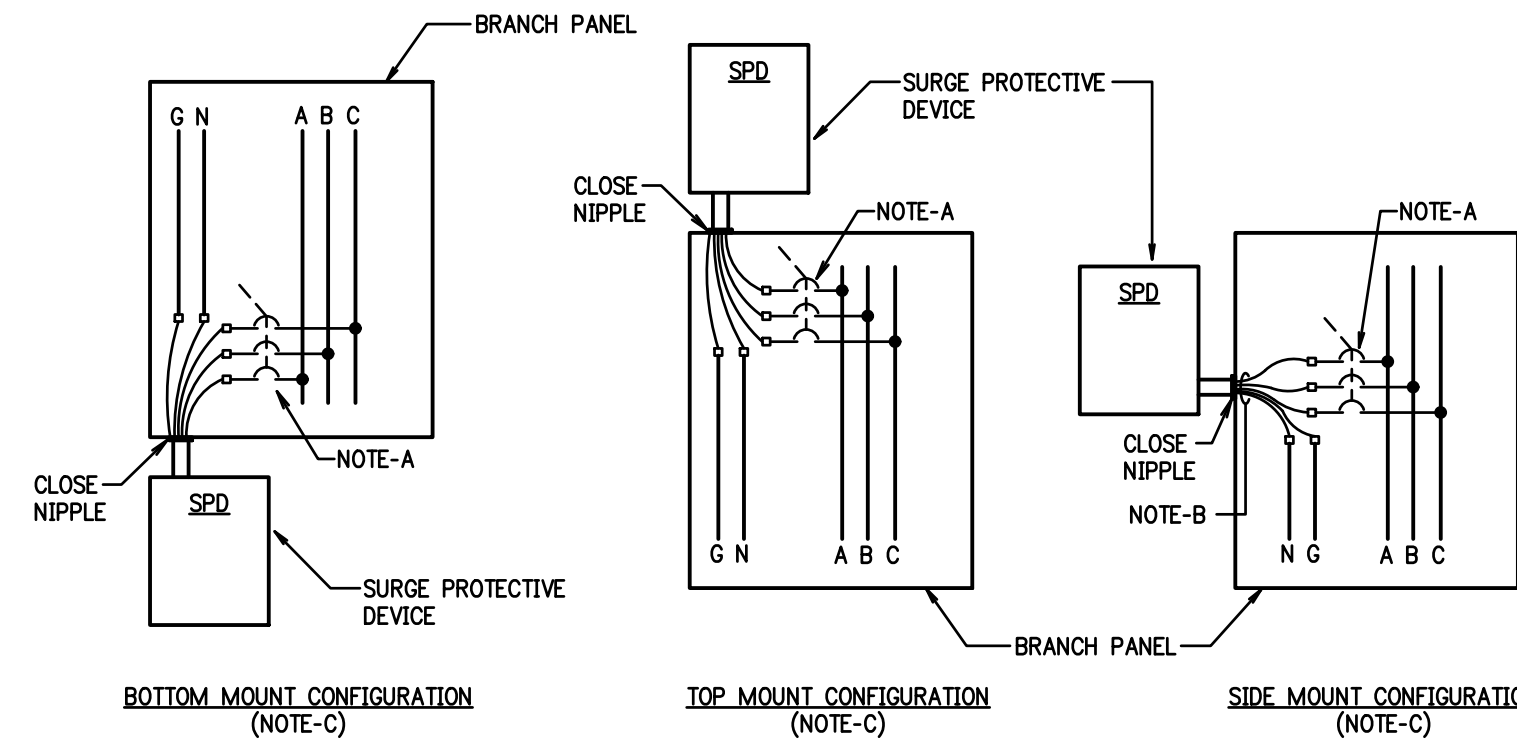
#### MAIN SERVICE GROUNDING DETAIL

SCALE: NONE

Electrical Service Load Summary			
Load Description	Connected Load	Demand Load	
Lighting	11,709 VA	11,709 VA	
Receptacle	35,600 VA	22,800 VA	
Mechanical	13,512 VA	13,512 VA	
Heat	14,176 VA	14,176 VA	
Air Conditioning	21,816 VA	21,816 VA	
Equipment	29,248 VA	29,248 VA	
Kitchen Equipment	4,876 VA	4,876 VA	
<b>Grand Total</b>	<b>130,937 VA</b>	<b>118,137 VA</b>	
<b>SERVICE VOLTAGE:</b>	<b>120/208V-3PH-4W</b>		
<b>DEMAND AMPCAPACITY AT SERVICE VOLTAGE:</b>	<b>328 A</b>		2023-02-22

RP-A											
400A-M.L. & T.F.L.				VOLTAGE: 120/208V-3PH-4W				SURFACE			
NOTES	LOAD DESCRIPTION	LOAD	BKR AMP	BKR No	PH	BKR AMP	BKR No	LOAD	LOAD DESCRIPTION	NOTES	
	LTC - RM101, 112	768	20	1	A	2	100	100			
	LTC - RM101	832	20	3	B	4	-	100	SURGE PROTECTION		
	LTC - DRIVE-THRU CANOPY	792	20	5	C	4	3P	100			
	LTC - GENOA SIGN ON TOWER	500	20	7	A	8	20		SPARE		
	LTC - GENOA SIGN ON TOWER	500	20	9	B	10	20		SPARE		
	LTC - SIGNS AT ROAD & CURVED WALL	1,102	20	11	C	12	20		SPARE		
	LTC - TOWER CEILING	108	20	13	A	14	20		SPARE		
	LIGHTING CONTROL PANEL (LCP)	200	20	15	B	16	2P	900	RECEPT. EXT. RM100,101		
	LIGHT POLES	516	20	17	C	18	20	1,224	DOOR OPERATOR		
		516	2P	19	A	20	20	900	RECEPT. - RM126		
	LTC - BLDG. EXTERIOR	875	20	21	B	22	20	1,224	DOOR OPERATOR		
	LTC - OUTDOOR MECHANICAL	14	20	23	C	24	20	720	RECEPT. - RM127		
	LTC - BLDG. EXTER. RM100	150	20	25	A	26	30	1,667			
	LTC - BLDG. EXTER.	414	20	27	B	28	28	1,667	PTH-100		
	LTC - BLDG. EXTER.	414	2P	29	C	30	3P	1,667			
	LTC - 114-117,119-121,128/ F-1/F-2/F-3	1,110	20	31	A	32	20	1,500	COUNTER - RM101		
	LTC - 127,128	385	20	33	B	34	20		SPARE		
	SPARE	20	25	C	36	20			SPARE		
	SPARE	20	37	A	38	20	500	RECEPT. - RM101			
	SPARE	20	39	B	40	20			SPARE		
	EBBH - RM127	1,500	2P	41	C	42	20	720	RECEPT. - RM127		
	EBBH - RM126	1,500	2P	43	A	44	20	720	RECEPT. L.T. RM1		
	SPARE	20	45	B	46	20	360	RECEPT. - RM114,118B			
	SPARE	20	47	C	48	20	540	RECEPT. - RM114			
	SPARE	20	49	A	50	20	1,200	EW - RM111			
	SPARE	20	51	B	52	20	540	REC-HTS OUTSIDE			
	CCTV EQUIPMENT - 114	360	20	53	C	54	20	1,000	RECEPT. - RM115		
	MICROWAVE - RM115	1,500	20	55	A	56	20	1,000	DISHWASHER - RM115		
	RECEPT. - RM115	1,000	20	57	B	58	20	2,400	REFRIGERATOR - RM115		
	GARBAGE DISPOSAL - RM115	1,176	20	59	C	60	20	540	RECEPT. - RM119,120		
	RECEPT. - RM116,117	360	20	61	A	62	20	1,080	RECEPT. - RM119,120		
	RECEPT. - 118B,121	900	20	63	B	64	20	1,500	EBBH - RM121		
	RECEPT. - 121,122	900	20	65	C	66	20	1,500	EBBH - RM122		
	RECEPT. - 123, 128	900	20	67	A	68	20	1,500	EBBH - RM124		
	RECEPT. - 118B,122,124	900	20	69	B	70	20	1,500	COPPER - RM125		
	RECEPT. - 124,125,128	1,080	20	71	C	72	20	1,500	EBBH - RM115		
TOTAL CONNECTED LOAD:		51,145 W			142 AMPS		2023-02-22				

RP-B											
400A-M.L.O.				VOLTAGE: 120/208V-3PH-4W				SURFACE			
NOTES	LOAD DESCRIPTION	LOAD	BKR AMP	BKR No	PH	BKR AMP	BKR No	LOAD	LOAD DESCRIPTION	NOTES	
	LTC - 102,104,105,109	917	20	1	A	2	20	1,125	RCHP - TELLERS 106		
	LTC - 103,106,108, DRIVE-THRU SIGNS	832	20	3	B	4	20	1,125	RCHP - TELLERS 106		
	ACU-3	1,900	30	5	C	6	20	1,125	RCHP - TELLERS 106		
	RECEPT. - RM111,112,113	900	20	7	A	8	20	900	ED-4		
	SPARE		20	9	B	10	2P	900			
	SPARE		20	11	C	12	20	900	RECEPT. - RM106,107, EXTR.		
	ALARM - RM108	600	20	13	A	14	20	720	RECEPT. - RM108,109		
	LT RACKS	1,500	20	15	B	16	20		SPARE		
		1,500	2P	17	C	18	20		SPARE		
		1,824	3P	19	A	20	20	720	RECEPT. - RM105		
	CU-1	1,824	-	21	B	22	20	1,500	EBBH - 102		
	RECEPT. - RM105	720	20	25	A	26	30	3,120	CASH DISPENSER - 106		
	RECEPT. - RM105	720	20	27	B	28	20	800	AUDIO & SEAL DRAWER - 106		
	RECEPT. - RM105	720	20	29	C	30	20	1,200	NIGHT DEPOSIT ATM - 106		
	EBBH - RM103	1,500	20	31	A	32	20	720	RECEPT. - RM104		
	EBBH - RM103	1,500	20	33	B	34	20	900	RECEPT. - RM106		
	RECEPT. - RM103,105,106	1,080	20	35	C	36	20	180	RECEPT. - RM108		
	DRIVE THRU	2,400	30	37	A	38	20	1,500	WATER HEATER - RM112		
	DRIVE THRU	2,400	30	39	B	40	20	1,200	VIDEO PROJECTOR		
	DRIVE THRU	2,400	30	41	C	42	20	200	SPARE		
		1,824	40	43	A	44	20	1,500	WATER HEATER		
	CU-2	1,824	-	45	B	46	20	1,176	ACU-1		
		1,824	3P	47	C	48	20	1,176	ACU-2		
	LTC - ATTIC	300	20	49	A	50	40	3,024			
	UPS	2,800	30	51	B	52	-	3,024	CU-3		
		2,800	2P	53	A	54	3P	3,024			
	UPS	2,800	30	55	A	56	20	1,500	EBBH-6 - D.U. TELLERS 106		
		2,800	2P	57	B	58	20	650	EBBH-2 - D.U. TELLERS 106		
	SPARE		20	59	C	60	20	650	EBBH-2 - D.U. TELLERS 106		
	SPARE		20	61	A	62	20		SPARE		
	SPARE		20	63	B	64	20		SPARE		
	SPARE		20	65	C	66	20		SPARE		
	SPARE		20	67	A	68	20		SPARE		
	SPARE		20	69	B	70	20		SPARE		
	SPARE		20	71	C	72	20		SPARE		
TOTAL CONNECTED LOAD:		79,792 W			221 AMPS		2023-02-22				



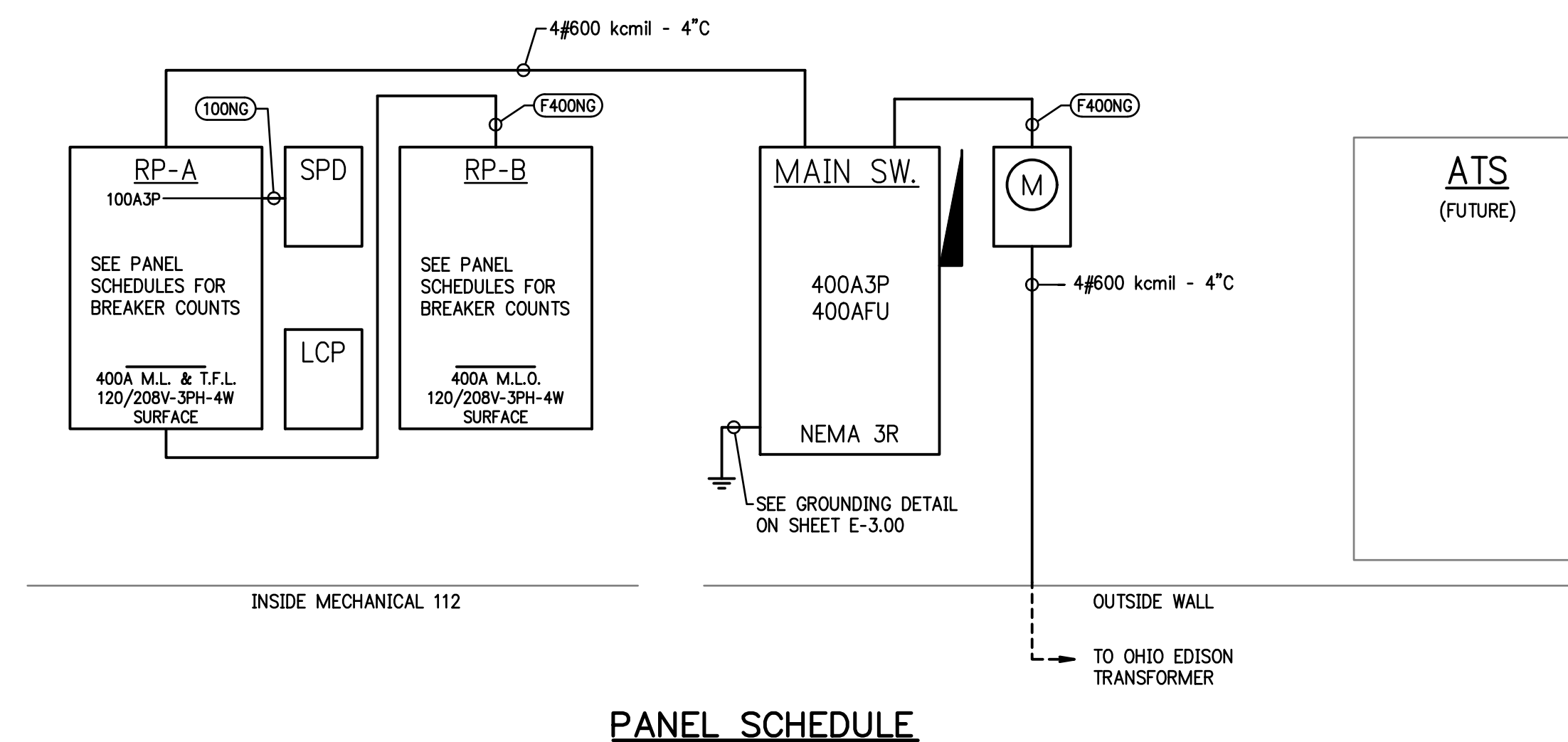
#### NOTES:

- CIRCUIT BREAKER FEEDING THE SURGE PROTECTIVE DEVICE SHALL BE INSTALLED DIRECTLY ACROSS FROM THE CONDUIT NIPPLE CONNECTING THE PANEL AND SURGE PROTECTIVE DEVICE. CIRCUIT BREAKERS SHALL BE LOCATED WITHIN PANEL AS REQUIRED TO ACCOMMODATE THIS INSTALLATION.
- PHASE NEUTRAL AND GROUND CONDUCTORS SHALL BE INSTALLED WITH THE SHORTEST LENGTH POSSIBLE WITH THE NEUTRAL AND GROUND CONNECTION BEING MADE IN CLOSE PROXIMITY TO THE FEEDER CIRCUIT BREAKER. THE CONDUCTORS SHALL BE INSTALLED TWISTED TOGETHER.
- SIDE, BOTTOM AND TOP MOUNTING OF THE SURGE PROTECTIVE DEVICE ARE ACCEPTABLE. CONTRACTOR SHALL FIELD VERIFY BEST LOCATION WITH PANEL LAYOUT.

#### SURGE PROTECTIVE DEVICE INSTALLATION DETAIL

SCALE: NONE

FEEDER SCHEDULE		
3 PHASE - 4 WIRE WITH GROUND		
MARK	COPPER	ALUMINUM
(20NG)	4#12, 1#12G - 1/2"C	
(30NG)	4#10, 1#10G - 3/4"C	
(50NG)	4#8, 1#10G - 1"C	
(60NG)	4#6, 1#10G - 1-1/4"C	
(80NG)	4#4, 1#8G - 1-1/4"C	
(100NG)	4#2, 1#6G - 1-1/4"C	4#1, 1#6G - 1-1/2"C
(125NG)	4#1, 1#6G - 1-1/2"C	4#2/0, 1#4G - 2"C
(150NG)	4#1/0, 1#6G - 1-1/2"C	4#3/0, 1#4G - 2"C
(175NG)	4#2/0, 1#6G - 2"C	4#4/0, 1#4G - 2"C
(200NG)	4#3/0, 1#6G - 2"C	4#250kcmil, 1#4G - 2-1/2"
(225NG)	4#4/0, 1#2G - 2-1/2"C	4#300kcmil, 1#2G - 2-1/2"C
(250NG)	4#250kcmil, 1#2G - 2-1/2"C	4#350kcmil, 1#2G - 3"C
(300NG)	4#350kcmil, 1#2G - 3"C	4#500kcmil, 1#2G - 3"C
(400NG)	4#500kcmil, 1#2G - 3-1/2"C	2(4#250kcmil, 1#1G - 2-1/2"C)
(F400NG)	4#600kcmil, 1#2G - 3-1/2"C	2(4#250kcmil, 1#1G - 2-1/2"C)
(500NG)	2(4#250kcmil, 1#2G - 2-1/2"C)	2(4#350kcmil, 1#1/0G - 3"C)
(600NG)	2(4#350kcmil, 1#1G - 3"C)	2(4#500kcmil, 1#2/0G - 3"C)
(800NG)	2(4#500kcmil, 1#1/0G - 3-1/2"C)	3(4#400kcmil, 1#3/0G - 3"C)
(F800NG)	2(4#600kcmil, 1#1/0G - 3-1/2"C)	3(4#400kcmil, 1#3/0G - 3"C)
(1000NG)	3(4#400kcmil, 1#2/0G - 3"C)	3(4#500kcmil, 1#4/0G - 3-1/2"C)
(1200NG)	4(4#350kcmil, 1#3/0G - 3"C)	4(4#500kcmil, 1#250kcmilG - 3"C)
(1600NG)	4(4#600kcmil, 1#4/0G - 3-1/2"C)	6(4#600kcmil, 1#350kcmilG - 3"C)
(2000NG)	5(4#600kcmil, 1#250kcmilG - 4"C)	6(4#600kcmil, 1#400kcmilG - 3-1/2"C)



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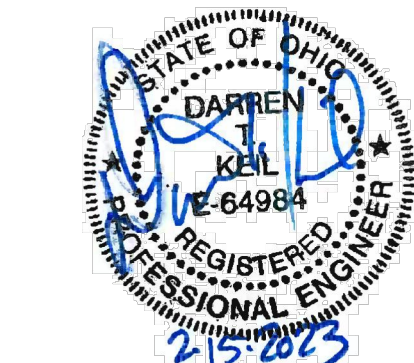
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#### SEAL



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#### PROJECT TITLE

ISSUE OR REVISION

DATE

PERMITS

DATE

ISSUE / REVISION

DESIGNED:

DRAWN: WRB

CHECKED: DTK

DAP COMMISSION NUMBER: 22019

DRAWING TITLE

PANEL RISER

PANEL SCHEDULES

FEEDER SCHEDULE

DRAWING NUMBER

E3.00

SHEET

OF