



NEWBERRY COUNTY PROSPERITY PARK IMPROVEMENTS

TOWN CENTER PARK
250 SCHOOL DRIVE, PROSPERITY, SC 29127

GENERAL NOTES

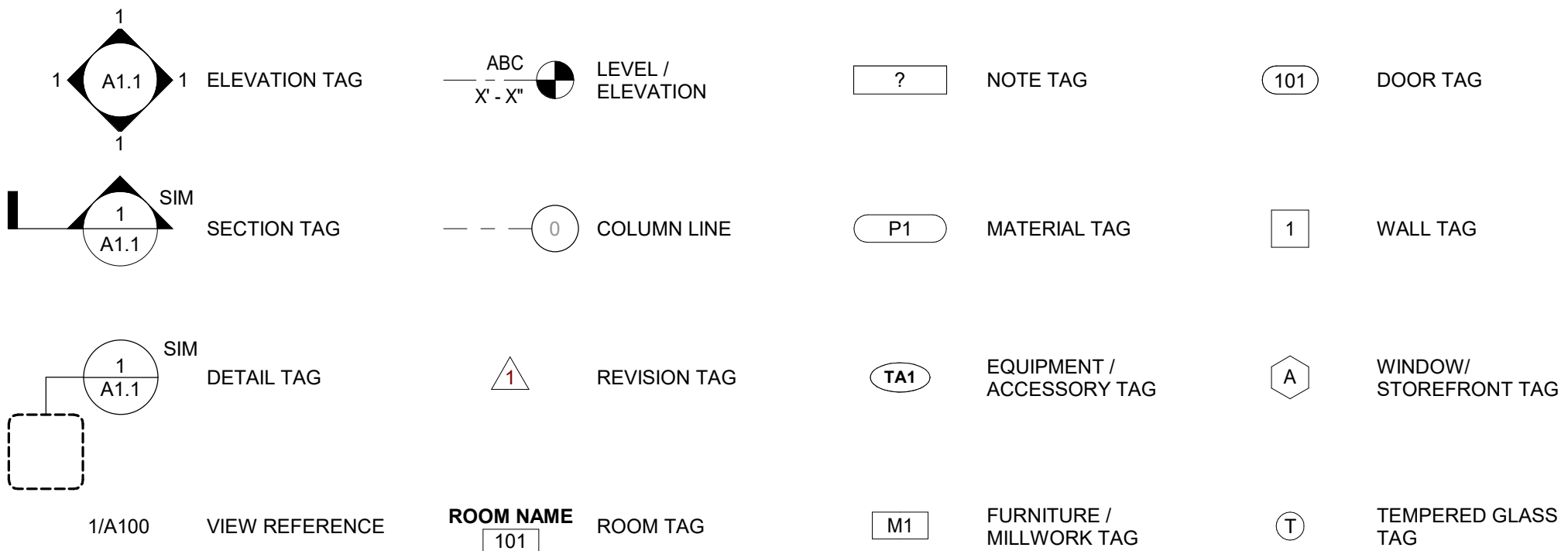
- A. THE TERM "WORK" AS USED IN THESE NOTES SHALL INCLUDE ALL PROVISIONS AS DRAWN OR SPECIFIED IN THESE DOCUMENTS AS WELL AS ALL OTHER PROVISIONS SPECIFICALLY INCLUDED BY THE OWNER IN THE FORM OF DRAWINGS, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS AND APPROVED BY THE ARCHITECT.
- B. THE TERM "CONTRACTOR" AS USED IN THESE NOTES SHALL REFER TO THE GENERAL CONTRACTOR OR TO THE SUB-CONTRACTORS. THE OWNER MAY ELECT TO CONTRACT DIRECTLY WITH A SUB-CONTRACTOR FOR ANY PART OF THE WORK.
- C. SCOPE OF WORK: THE CONTRACTOR SHALL INCLUDE AND PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION, AND PAY ALL EXPENSES INCURRED IN THE PROPER COMPLETION OF WORK UNLESS SPECIFICALLY NOTED TO BE THE WORK OF OTHERS. CONTRACTOR SHALL PERFORM ALL WORK NECESSARY FOR PRODUCING A COMPLETE, HABITABLE PROJECT, INCLUDING BUT NOT LIMITED TO SITE WORK, ARCHITECTURAL, STRUCTURAL, FIRE PROTECTION, PLUMBING, HVAC, AND ELECTRICAL.
- D. BEFORE CONSTRUCTION BEGINS, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THE ARCHITECT, IN WRITING, OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK AND SHALL BE RESPONSIBLE FOR SAME.
- E. IF THE CONTRACT DOCUMENTS ARE FOUND TO BE UNCLEAR, AMBIGUOUS OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH THAT PART OF THE WORK.
- F. IF A CONDITION EXISTS THAT REQUIRES OBSERVATION OR ACTION BY THE ARCHITECT, OR OTHER DESIGN PROFESSIONAL, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT.
- G. CONTRACTOR SHALL BE FAMILIAR WITH PROVISIONS OF ALL APPLICABLE CODES AND SHALL ENSURE THE COMPLIANCE OF THE WORK WITH ALL LOCAL, STATE AND FEDERAL CODES, TRADE STANDARDS AND MANUFACTURER'S RECOMMENDATIONS. IN THE EVENT OF CONFLICT BETWEEN LOCAL, STATE AND NATIONAL CODES, THE MORE STRINGENT SHALL GOVERN. BEFORE COMMENCING WORK NOT SHOWN IN DOCUMENTS, BUT REQUIRED TO ACHIEVE FULL COMPLIANCE WITH CODES, CONTRACTOR SHALL NOTIFY ARCHITECT.
- H. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, COMPLIANCE WITH STATE AND FEDERAL REGULATIONS REGARDING SAFETY AND COMPLIANCE WITH REQUIREMENTS SPECIFIED IN THE OWNER/CONTRACTOR CONTRACT IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY.
- I. CONTRACTOR SHALL PAY ALL TAXES, SECURE ALL PERMITS AND PAY ALL FEES INCURRED IN THE COMPLETION OF THE PROJECT.
- J. THE CONTRACTOR SHALL UNCONDITIONALLY WARRANTY ALL MATERIALS, AND WORKMANSHIP FURNISHED OR INSTALLED BY HIM OR HIS SUBCONTRACTORS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE AND SHALL REPLACE ANY DEFECTIVE WORK WITHIN THAT PERIOD WITHOUT EXPENSE TO THE OWNER AND PAY FOR ALL DAMAGES TO OTHER PARTS OF THE BUILDING RESULTING FROM DEFECTIVE WORK OR ITS REPAIR. THE CONTRACTOR SHALL REPLACE DEFECTIVE WORK WITHIN A REASONABLE, AGREED UPON TIME FRAME, AFTER IT IS BROUGHT TO HIS ATTENTION.
- K. THE CONTRACTOR SHALL, AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH AND AT THE COMPLETION OF THE WORK THE CONTRACTOR SHALL REMOVE ALL RUBBISH, IMPLEMENTS, AND SURPLUS MATERIALS AND LEAVE THE BUILDING IN NEW AND CLEAN CONDITION.
- L. CONTRACTOR IS TO PROVIDE TO THE OWNER A LIST OF ALL SUBCONTRACTORS USED, COMPLETE WITH ADDRESSES, PHONE NUMBERS AND COPIES OF ALL WARRANTIES AND OPERATIONS AND MAINTENANCE MANUALS.

COORDINATION OF WORK

ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND SUB-CONTRACTORS TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND SUB-CONTRACTORS. THE REQUIREMENTS OF THE DRAWINGS, GENERAL REQUIREMENTS, AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND SUB-CONTRACTORS. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEE'S USE ON THE PROJECT AND ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND SUB-CONTRACTORS.

CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND SAFETY PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK.

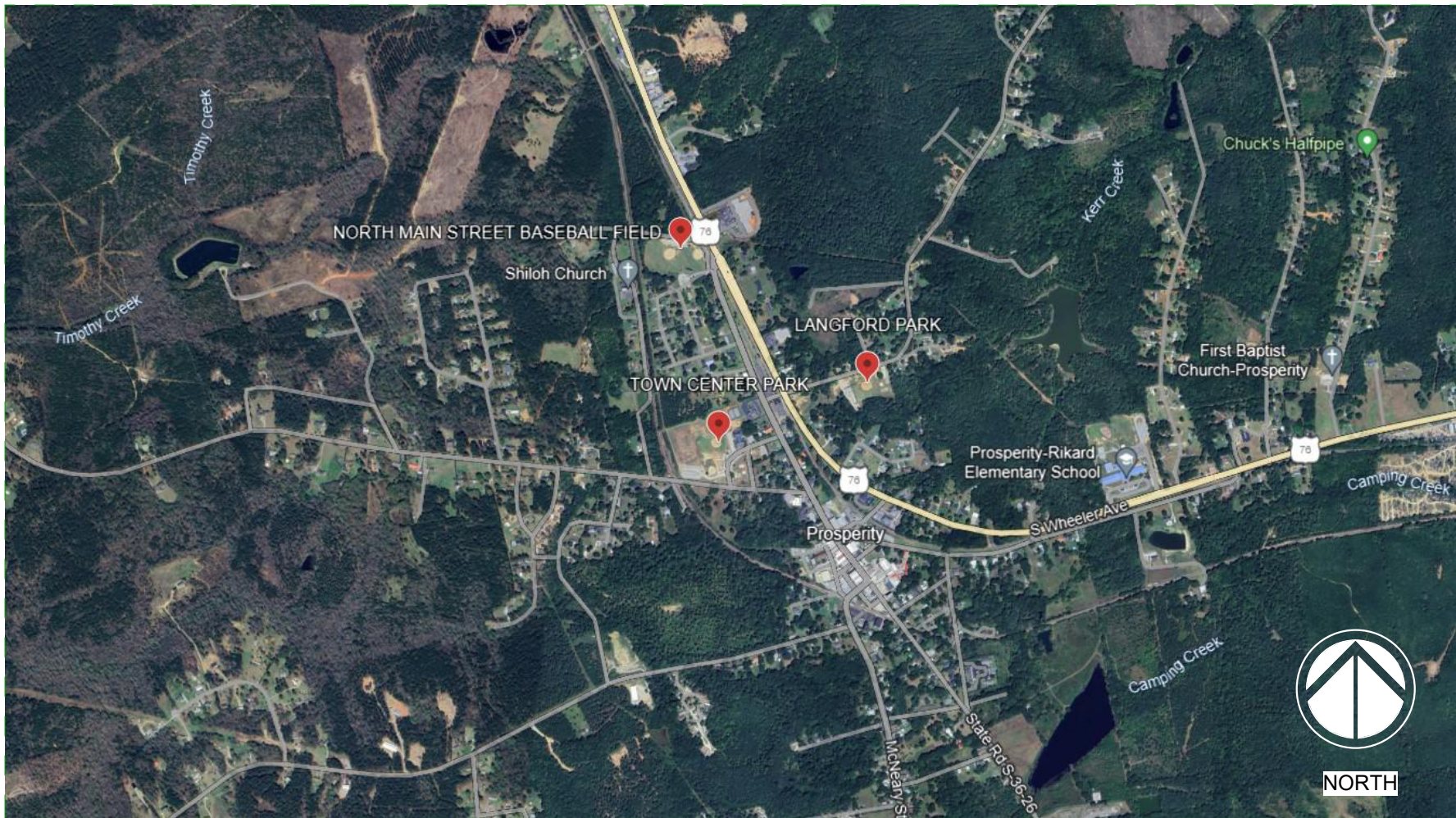
DRAWING SYMBOL LEGEND



PROJECT CONTACTS

OWNER	CONSTRUCTION MANAGER	CIVIL ENGINEER	ARCHITECT
NEWBERRY COUNTY 1309 COLLEGE STREET P.O. BOX 156 NEWBERRY, SC 29108 CONTACT: CRYSTAL WALDROP T: 803.321.2100 CWALDROP@NEWBERRYCOUNTY.GOV	CLAYTON CONSTRUCTION 121 VENTURE BLVD #A SPARTANBURG, SC 29306 CONTACT: ADAM FAILLA T: 864.576.1901 ADAM@CLAYTONCONSTRUCTION.NET	WK DICKSON & CO., INC. 5 LEGACY PARK ROAD SUITE A GREENVILLE, SC 29607 CONTACT: JEFF EDNEY, PE T: 864.990.0180 JEDNEY@WKDICKSON.COM	DP3 ARCHITECTS, LTD. 15 SOUTH MAIN STREET SUITE 400 GREENVILLE, SC 29601 CONTACT: LAUREL GETTY T: 864.232.8200 LGETTY@DP3ARCHITECTS.COM

VICINITY MAP



PROJECT SCOPE

THE PROJECT SCOPE OUTLINED IN THIS SET OF DOCUMENTS (PROJECT NUMBER 23235-B) INCLUDES IMPROVEMENTS TO TOWN CENTER PARK.

TOWN CENTER PARK IMPROVEMENTS INCLUDE A NEW 580 SF AMENITY STRUCTURE TO HOUSE THREE ACCESSIBLE RESTROOMS AND A STORAGE ROOM; UPGRADED MULTIPURPOSE FIELD LIGHTING, AND LIGHT PEDESTALS ALONG WALKING TRAIL.

NOTE: THE TOTAL PROJECT SCOPE INCLUDES IMPROVEMENTS TO NORTH MAIN PARK, TOWN CENTER PARK, LANGFORD PARK, AND TOWN SQUARE.

ALTERNATES

THE SCOPE OF THE WORK ACROSS ALL FOUR PARK SITES IS TO BE INCLUDED IN THE BASE BID.
NOTE: THE ALTERNATES DESCRIBED BELOW INDICATE THE PARK LOCATION AND THE WORK SCOPE OF THE ALTERNATE.

ALTERNATE NO. 1 (NORTH MAIN PARK 23235-A): LIGHT DUTY ASPHALT PAVING

A. BASE BID ITEM: REMOVE AND REPLACE EXISTING GRAVEL PARKING LOT.
B. ALTERNATIVE ITEM: IN LIEU OF REPLACING GRAVEL LOT, PROVIDE LIGHT DUTY ASPHALT PAVING SURFACE.

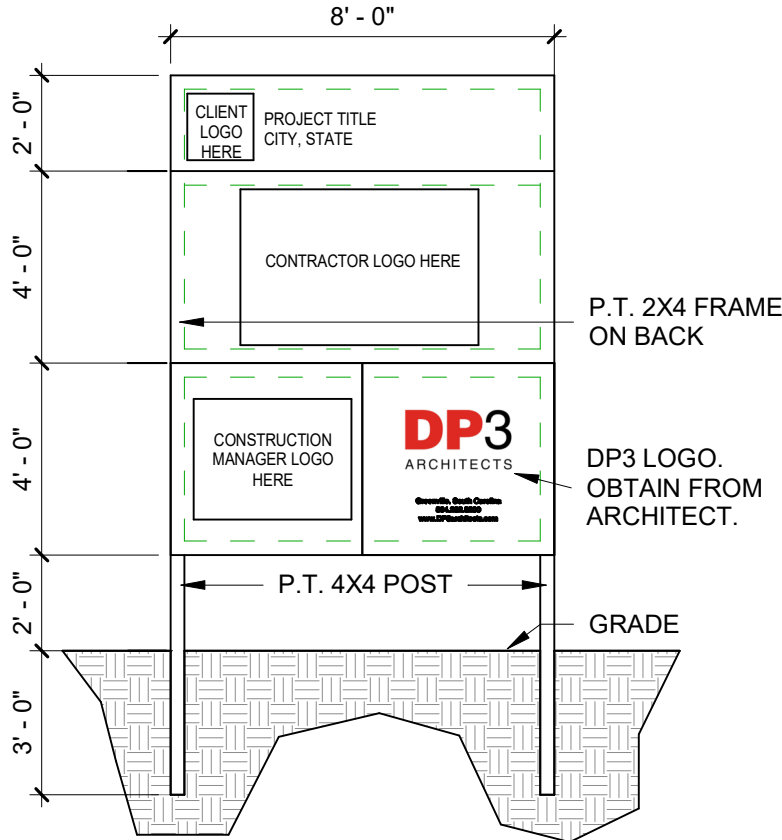
ALTERNATE NO. 2 (LANGFORD PARK 23235-C): LIGHT DUTY ASPHALT PAVING

A. BASE BID ITEM: REMOVE AND REPLACE EXISTING GRAVEL PARKING LOT.
B. ALTERNATIVE ITEM: IN LIEU OF REPLACING GRAVEL LOT, PROVIDE LIGHT DUTY ASPHALT PAVING SURFACE.

ALTERNATE NO. 3 (TOWN SQUARE 23235-D): ALL IMPROVEMENTS IN THE TOWN SQUARE DOCUMENT SET.

A. BASE BID ITEM: NO SCOPE
B. ALTERNATIVE ITEM: PROVIDE ALL IMPROVEMENTS IN THE DOCUMENT SET.

PROJECT SIGN



NOTES:

- GC TO PROVIDE AND INSTALL ONE PROJECT SIGN. LOCATIONS TO BE DETERMINED IN FIELD. VERIFY LOCATION WITH OWNER.
- PROJECT SIGN TO REMAIN PROMINENTLY DISPLAYED DURING ENTIRE CONSTRUCTION PERIOD. REMOVE FROM PROJECT SITE WHEN BUILDING OCCUPIED AND OPEN FOR BUSINESS.
- SIGN PAINTED ON 3/4" EXTERIOR PLYWOOD. LETTER STYLE AND PLACEMENT SHOULD BE SIMILAR TO THAT SHOWN.
- PROVIDE KICK BACK TREATED WOOD POSTS AS NEEDED. PAINTED WHITE.

DRAWING INDEX

NUMBER	SHEET NAME	CURRENT REVISION	CURRENT REVISION DATE
TITLE			
T1.01	TITLE SHEET		
LIFE SAFETY			
LS1.01	CODE REVIEW AND LIFE SAFETY PLAN		
CIVIL			
G-001	COVER		
G-002	GENERAL NOTES, LEGEND, AND ABBREVIATIONS		
CIVIL			
CD-101	DEMO & ESC PLAN		
CIVIL			
C-101	PARK SITE PLAN		
C-102	GRADING PLAN		
C-201	DETAILS		
C-202	DETAILS		
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A1.01	AMENITY BUILDING PLANS		
A3.01	ENLARGED RESTROOM PLANS AND ACCESSORY SCHEDULE		
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A10.01	FINISH, DOOR & HARDWARE SCHEDULES & LEGENDS		
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S0.01	GENERAL NOTES		
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S3.01	TYPICAL CONCRETE DETAILS		
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E0.01	ELECTRICAL LEGEND & LIGHT FIXTURE SCHEDULE		
E0.50	ELECTRICAL SITE PLAN		
E1.01	ELECTRICAL PLANS		
E8.01	ELECTRICAL DETAILS		
E9.01	ELECTRICAL PANEL SCHEDULES AND DIAGRAMS		

Seal



JULY 31, 2025

DP3
ARCHITECTS

DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com

Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23235-B
Drawn By LTG
Checked By RHW
Date 31 JUL 2025

Revisions

Drawing

TITLE SHEET

T1.01

PROJECT ADDRESS

TOWN CENTER PARK
250 SCHOOL DRIVE, PROSPERITY, SC
29127

ARCHITECT / ENGINEER OF RECORD

DISCIPLINE	DESIGNER OF RECORD	LICENSE	TELEPHONE NUMBER
CIVIL ENGINEER	JEFFERY HOYLE EDNEY	23511	864.990.0180
ARCHITECT	MICHAEL T. PRY	04570	864.232.8200
STRUCTURAL ENGINEER	ROBERT OWEN GERNON	35067	864.271.8869
PLUMBING ENGINEER	EMILY ZIEGLER	40574	864.232.6642
MECHANICAL ENGINEER	EMILY ZIEGLER	40574	864.232.6642
ELECTRICAL ENGINEER	SHANNON L. EPPS	22785	864.232.6642

ADMINISTRATION

BUILDING REVIEW AGENCY	NEWBERRY COUNTY	ZONING SETBACKS:	
OFFICIAL	KATIE WERTS	FRONT:	50'-0"
PHONE NUMBER	803.321.2166	SIDE:	7'-0"
		REAR:	20'-0"
TAX MAP NUMBER:	462-1-4-9		
ZONING CLASS:	R-10	FLOOD ZONE:	NO
ALLOWED HEIGHT:	40'-0"	WETLANDS:	NO
ALLOWED STORIES:	2	FIRE DISTRICT:	NO
		DARK SKY REQUIREMENTS:	NO
OVERLAY DISTRICT:	N/A	CLIMATE ZONE:	A3

PROJECT DESIGNED IN ACCORDANCE WITH

CODE	VERSION
INTERNATIONAL BUILDING CODE	2021 EDITION
INTERNATIONAL MECHANICAL CODE	2021 EDITION
INTERNATIONAL PLUMBING CODE	2021 EDITION
NATIONAL ELECTRICAL CODE	2020 EDITION
INTERNATIONAL FIRE CODE	2021 EDITION
NFPA LIFE SAFETY CODE	2021 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE	2009 EDITION
INTERNATIONAL FUEL GAS CODE	2021 EDITION
ASHRAE 90.1	2009 EDITION
ACCESSIBILITY CODE	ANSI A117.1 2017

USE AND OCCUPANCY INFORMATION

ITEM DESCRIPTION	PROVIDED	CODE SECTION	COMMENTS
CONSTRUCTION CLASSIFICATION	V-B		
SINGLE OCCUPANCY OR MAIN OCCUPANCY GROUP	U	IBC SECTION 302	
MIXED USE AND OCCUPANCY	YES	IBC SECTION 508	
OCCUPANCY GROUPS (ALL)	U, S-2	IBC SECTION 302	
ACCESSORY OCCUPANCIES	NO	IBC SECTION 508.2	
NONSEPARATED	YES	IBC SECTION 508.3	
SEPARATED	NO	IBC SECTION 508.4	
INCIDENTAL USE AREA SEPARATION	NO	IBC SECTION 509	
HAZARDOUS MATERIALS	NO	IBC SECTION 414	

BUILDING FLOOR AREAS

FLOOR OR LEVEL	FLOOR AREA	COMMENT
LEVEL 1	422 SF	
TOTAL BUILDING AREA	422 SF	

ALLOWABLE BUILDING HEIGHTS AND AREAS

BUILDING	GROUP	CONST. TYPE	SPRINKLER TYPE	BUILDING HEIGHT		No. OF STORIES		BUILDING AREA	
				ALLOWED	PROVIDED	ALLOWED	PROVIDED	ALLOWED (Aa)	PROVIDED
TOWN CENTER PARK AMENITIES	U	TYPE V-B	NS	60' - 0"	25' - 0"	2	1	24,000 SF	583 SF

ALLOWABLE AREA (Aa) DETERMINATION CALCULATION				I _f	AREA FACTOR INCREASE DUE TO FRONTAGE
I _f = (F/P - 0.25) * W/30				F	BUILDING PERIMETER THAT FRONTS A PUBLIC WAY OR OPEN SPACE
0 = (0'/ 0" - 0.25) * (0'/30)				P	PERIMETER OF ENTIRE BUILDING
				W	WIDTH OF PUBLIC WAY OR OPEN SPACE
A _a = A _t * (NS * I _f)				A _a	CALCULATED ALLOWABLE AREA
0 SF = 0 SF + (0 SF * 0)				A _t	TABULAR ALLOWABLE AREA (TABLE 506.2)
				NS	TABULAR ALLOWABLE AREA FOR NON-SPRINKLERED (TABLE 506.2)
				S _a	NUMBER OF BUILDING STORIES ABOVE GRADE PLANE

OCCUPANT LOADS

ROOM/AREA	IBC TABLE 1004.5		AREA	FIXED SEATS	OCCUPANTS
	FUNCTION OF SPACE	LOAD FACTOR			
MAIN LEVEL					
STORAGE	ACCESSORY STORAGE/MECHANICAL ROOM	300 GROSS			
RR	RESTROOM	IBC SECTION 2902.1			
RR	RESTROOM	IBC SECTION 2902.1			
RR	RESTROOM	IBC SECTION 2902.1			
TOTAL OCCUPANTS					0

FIRE RESISTANCE RATING REQUIREMENTS (HOURS)

BUILDING ELEMENT	REQUIRED	PROVIDED	CODE SECTION	LISTING No.
STRUCTURAL FRAME	0	0	IBC TABLE 601	
BEARING WALLS				
EXTERIOR	0	0	IBC TABLE 601	
INTERIOR	0	0	IBC TABLE 601	
NON-BEARING WALLS				
EXTERIOR	REFER TO FIRE RATING FOR EXTERIOR WALLS AND WALL OPENINGS			
INTERIOR	0	0	IBC TABLE 501	
FLOOR CONSTRUCTION	0	0	IBC TABLE 601	
ROOF CONSTRUCTION	0	0	IBC TABLE 601	
VERTICAL SHAFT CONSTRUCTION	0	0	IBC SECTION 713	

FIRE PROTECTION / LIFE SAFETY SYSTEMS

LIFE SAFETY SYSTEM	REQUIRED	CODE SECTION
EGRESS		
EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM	NO	IFC SECTION 907
EMERGENCY ALARM SYSTEM	NO	IBC SECTION 908 AND IFC SECTION 908
EMERGENCY LIGHTING	YES	IBC SECTION 1008
TWO WAY COMMUNICATION SYSTEM	NO	IBC SECTION 1009.8
PANIC HARDWARE	NO	IBC SECTION 1010.1.10
EXIT SIGNS	NO	IBC SECTION 1013
LUMINOUS EGRESS PATH MARKINGS	NO	IBC SECTION 1025
FIRE		
FIRE WALLS	NO	IBC SECTION 706 AND CHAPTER 5
FIRE BARRIERS	NO	IBC SECTION 707 AND CHAPTER 4
FIRE PARTITIONS	NO	IBC SECTION 708
HORIZONTAL ASSEMBLIES	NO	IBC SECTION 711
FIRE BLOCKING	NO	IBC SECTION 718
DRAFTSTOPPING	NO	IBC SECTION 718
FIRE ALARM SYSTEM	NO	IBC SECTION 907 AND IFC SECTION 907
CARBON MONOXIDE DETECTION	NO	IBC SECTION 915
SMOKE		
SMOKE BARRIERS	NO	IBC SECTION 709 AND CHAPTER 4
SMOKE PARTITIONS	NO	IBC SECTION 709 AND CHAPTER 4
SMOKE CONTROL SYSTEM	NO	IBC SECTION 909 AND CHAPTER 5
SMOKE AND HEAT VENTS	NO	IBC SECTION 910 AND IFC SECTION 910
SUPPRESSION		
SPRINKLER SYSTEM	NO	IBC SECTION 903 AND IFC SECTION 903
OTHER SUPPRESSION SYSTEMS	NO	IBC SECTION 904 AND IFC SECTION 904
STANDPIPE	NO	IBC SECTION 905 AND IFC SECTION 905
PORTABLE SUPPRESSION SYSTEMS	YES	IBC SECTION 906 AND IFC SECTION 906
FIRE DEPARTMENT CONNECTION	NO	IBC SECTION 912

PLUMBING FIXTURES (IBC TABLE 2902.1)

OCCUPANCY		WATER CLOSETS						LAVATORIES						BATHTUB/ SHOWER	DRINKING FOUNTAIN		SERVICE SINK	
TYPE	LOAD	MALE		FEMALE		UNISEX*		MALE		FEMALE		UNISEX*			RQ	PV	RQ	PV
		RQ	PV	UR	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ					
U		0	0	0	0	0	2	3	0	0	0	0	2	3	0	0	1	0

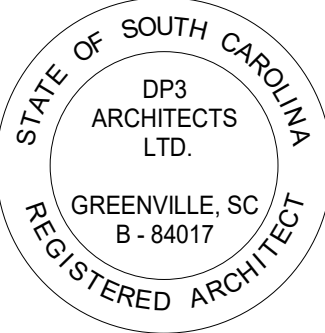
*PER IBC 2902.1.2; [FAMILY, ASSISTED-USE, OR SINGLE USER TOILET / BATHING ROOMS] SHALL CONTRIBUTE TOWARDS THE TOTAL NUMBER OF REQUIRED PLUMBING FIXTURES FOR A BUILDING OR TENANT SPACE [AND] SHALL BE IDENTIFIED AS BEING AVAILABLE FOR USE BY ALL PERSONS REGARDLESS OF THEIR SEX.

FIRE EXTINGUISHERS

STORAGE ROOM 3A-40B.C DRY CHEMICAL, MULTIPURPOSE

- A. THE CONTRACTOR SHALL PROVIDE AND COORDINATE FINAL PLACEMENT AND SIZING OF ALL FIRE EXTINGUISHERS WITH THE LOCAL FIRE MARSHAL..
- B. EXTINGUISHERS HAVING A WEIGHT OF LESS THAN 40 POUNDS SHALL BE INSTALLED SO THAT THE HANDLE OF THE EXTINGUISHER IS NOT MORE THAN 5 FEET ABOVE THE FLOOR. EXTINGUISHERS HAVING A WEIGHT OF MORE THAN 40 POUNDS SHALL BE INSTALLED SO THAT THE TOP OF THE EXTINGUISHER IS NOT OVER 3 1/2 FEET ABOVE THE FLOOR. CLEARANCE BETWEEN THE BOTTOM OF THE EXTINGUISHER AND THE FLOOR MUST BE AT LEAST 4 INCHES.
- C. EXTINGUISHERS SHALL BE PLACED IN A MANNER SUCH THAT THE OPERATING INSTRUCTIONS FACE OUTWARD. THE LOCATION OF EXTINGUISHERS SHALL BE CONSPICUOUSLY MARKED TO BE CLEARLY VISIBLE AT A DISTANCE OF 25 FEET.

Seal



JULY 31, 2025

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Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23235-B
Drawn By LTG
Checked By RHW
Date 31 JUL 2025

Revisions

Drawing

CODE REVIEW AND
LIFE SAFETY PLAN

LS1.01

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Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 21393-B
 Drawn By CJL
 Checked By JHE
 Date 31 JUL 2025

Revisions

Drawing

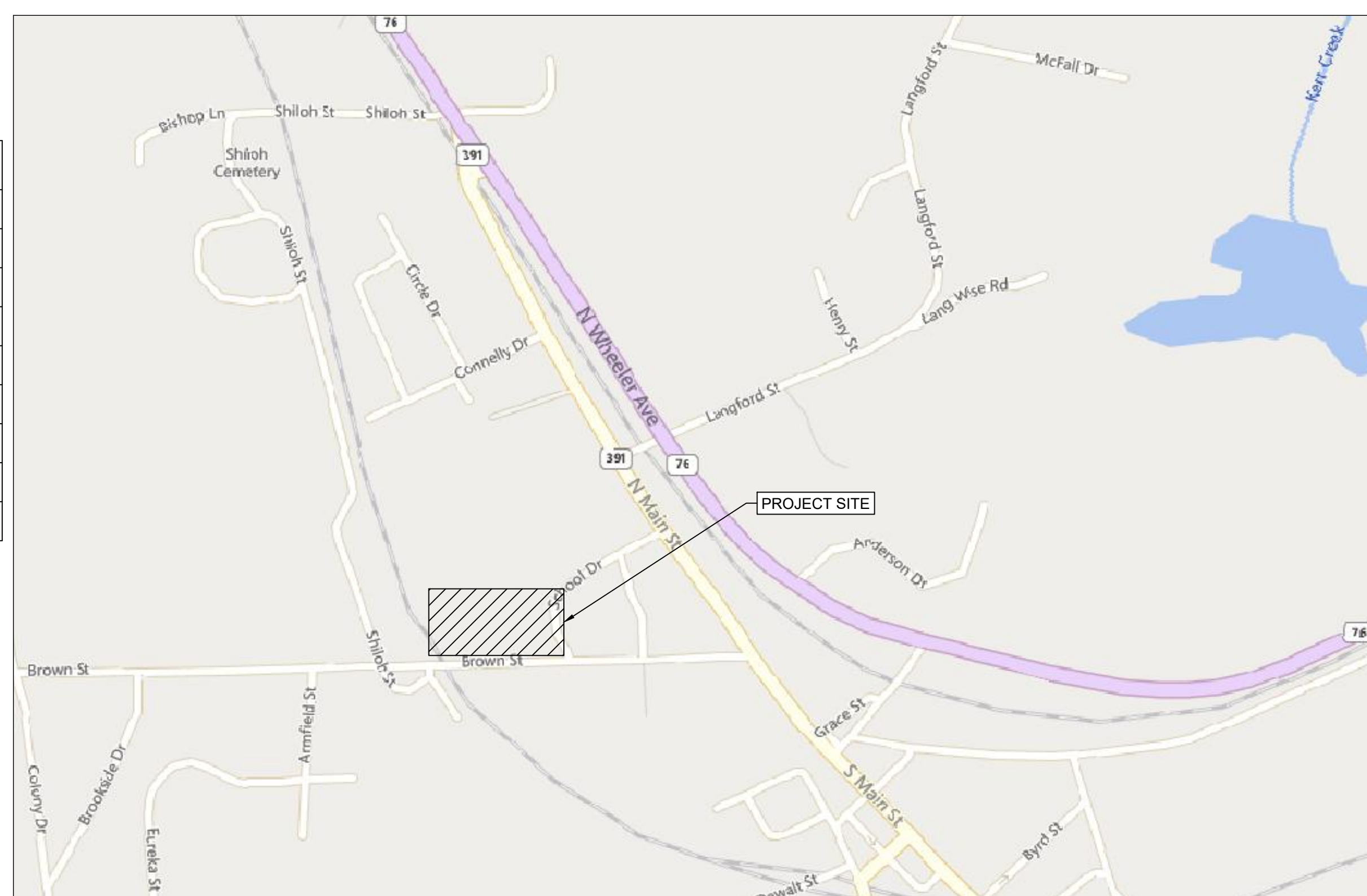
COVER

G-001

**FOR
NEWBERRY COUNTY
PROSPERITY, SOUTH CAROLINA**

WK DICKSON PROJECT NO: 20231099.00.GV
DP3 ARCHITECTS PROJECT NO: 21393-B

Sheet List Table	
Sheet Number	Sheet Title
G-001	COVER
G-002	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
CD-101	DEMO & ESC PLAN
C-101	TOWN CENTER PARK SITE PLAN
C-102	GRADING PLAN
C-201	DETAILS
C-202	DETAILS
C-203	DETAILS



LOCATION MAP
SCALE: 1" = 500'

NEWBERRY COUNTY
PHONE NUMBER: (803) 321-2100

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.



**Know what's below.
Call before you dig**

NOTICE TO CONTRACTOR

1. PRIOR TO CONSTRUCTION, DIGGING, OR EXCAVATION THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES (PUBLIC OR PRIVATE) THAT MAY EXIST AND FOR GUARANTEEING THE FREEDOM OF CONSTRUCTION. THE CONTRACTOR SHALL, THROUGH THE FREEDOM OF CONSTRUCTION ACT, BE NOTIFIED OF THE PLANS OR NOT, CALL "811" A MINIMUM OF 72 HOURS PRIOR TO DIGGING OR EXCAVATING. REPAIRS TO ANY UTILITY DAMAGED RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

OWNER/DEVELOPER:

NEWBERRY COUNTY
CONTACT: JEFF SHACKER
1309 COLLEGE STREET
NEWBERRY, SC 29108
PHONE NUMBER: 803-321-2100
JSHACKER@NEWBERRYCOUNTY.GOV

ENGINEER:

WK DICKSON
CONTACT: JEFF EDNEY, P.E.,
55 BEATTIE PLACE, SUITE 200
GREENVILLE, SC 29601
PHONE NUMBER: 864-302-8592
JEDNEY@ARDIURR.COM

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GENERAL NOTES

- REFERENCE IS MADE TO THE FOLLOWING:
A. TOPOGRAPHIC SURVEY PREPARED FOR NEWBERRY COUNTY BY GEL ENGINEERING, LLC , DATED FEBRUARY 14, 2024.
- ALL ELEVATIONS SHOWN REFER TO NAVD 88 DATUM.
- HORIZONTAL COORDINATES REFER TO NAD 83 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY . VERIFY ALL FIELD CONDITIONS AND THE EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING DEMOLITION AND CONSTRUCTION. IF CONDITIONS ARE DIFFERENT FROM THAT SHOWN ON THE PLANS, STOP WORK AND NOTIFY THE ENGINEER.
- ALL WORK FOR THE PROJECT SHALL CONFORM TO THE PROJECT SPECIFICATIONS FOUND IN THE PROJECT MANUAL (CONTRACT DOCUMENTS AND SPECIFICATIONS).
- CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND STAKING OF THE PROPOSED SITE AND LIMITS OF WORK.
- ANY UTILITIES OR FACILITIES DAMAGED DURING THE PROJECT BY THE CONTRACTOR'S PERSONNEL OR EQUIPMENT SHALL BE PROMPTLY REPAIRED AT THE CONTRACTOR'S EXPENSE. HAND DIGGING TO PROTECT UTILITIES FROM DAMAGE SHOULD BE ANTICIPATED.
- THE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING WORK IN ACCORDANCE WITH THE LATEST REQUIREMENTS AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
- ALL DEMOLITION DEBRIS, INCLUDING CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS AND SPECIFICATIONS, LATEST REVISION.
- PROMPTLY INFORM THE ENGINEER OF ANY ERROR OR DISCREPANCIES DISCOVERED IN THE DRAWINGS OR SPECIFICATIONS OR CONFLICTS BETWEEN THE DRAWING AND SPECIFICATIONS IN ORDER FOR CORRECTIONS TO BE MADE.
- ALL WORK AND MATERIALS MUST CONFORM WITH TOWN OF PROSPERITY AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (SCDES) REGULATIONS AND SPECIFICATIONS, LATEST REVISIONS AT THE BEGINNING OF CONSTRUCTION.
- KEEP ALL ADJACENT AREAS TO THE LIMITS OF WORK CLEAN AND FREE OF DEBRIS/MATERIALS/EQUIPMENT AT ALL TIMES.
- CONTRACTOR RESPONSIBLE FOR PREPARING AND OBTAINING APPROVAL OF ALL TRAFFIC CONTROL PLANS AND LAYOUT AS REQUIRED FOR THE DURATION OF THE PROJECT.
- ANY POSSIBLE STOCKPILES, OFFSITE MATERIAL, WASTE, BORROW, OR CONSTRUCTION EQUIPMENT STORAGE / LAYDOWN AREAS SHALL BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.
- THE CONCRETE WASHOUT SHALL BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.

EXISTING CONDITION AND DEMOLITION PLAN NOTES:

- EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION OF ANY NEW PIPE LINES OR GRADING OPERATIONS.
- ALL VEGETATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED PRIOR TO PLACING FILL, PROTECT STOCKPILE FROM EROSION.
- CONTRACTOR SHALL, FOR ALL GRASSED AREAS, BE RESPONSIBLE FOR REPLACING ERODED SOIL AND GRASS SEED UNTIL AN APPROVED STAND OF GRASS IS ESTABLISHED.
- REMOVE ALL ORGANIC AND UNSUITABLE MATERIAL (MUCK AND/OR NON-COMPACTABLE MATERIAL) FROM AREAS TO BE FILLED.
- CONTRACTOR SHALL BE AWARE OF EXISTING UTILITY LINES DURING PIPE LINE INSTALLATION. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES SUCH AS THE LOCAL ELECTRIC COMPANY, AT&T, ETC. FOR LOCATION OF OTHER UTILITIES NOT SHOWN ON PLAN. CALL PALMETTO UTILITIES PROTECTION SERVICES (SC811) FOR UNDERGROUND UTILITY LINES LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- ALL AREAS OUTSIDE OF THE LIMITS OF WORK WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SEEDED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- ALL DISTURBED AREAS NOT PAVED SHALL BE GRASSED OR LANDSCAPED. USE TEMPORARY PLANT COVER, MULCHING, AND/OR STRUCTURES TO CONTROL RUNOFF AND PROTECT AREA SUBJECT TO EROSION DURING CONSTRUCTION.
- ADDITIONAL EROSION CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION TO CONTROL EROSION AND/OR OFF SITE SEDIMENTATION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE STABILITY OF ALL GRADED AND/OR CLEARED AREAS UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ANY AREAS DAMAGED BY EROSION SHALL BE REPAIRED TO ITS ORIGINAL CONDITION AND PROTECTED FROM FURTHER EROSION AT NO ADDITIONAL COST TO THE OWNER.

STANDARD - EROSION CONTROL NOTES

- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW:
A. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK, WITH NO TIME PERIOD BETWEEN INSPECTIONS EXCEEDING 9 DAYS. AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. BMPS SHALL BE ASSESSED BY THE CONTRACTOR WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 1.0 INCH OR GREATER, AS WELL AS DURING THE FIRST RAIN EVENT AFTER THE INITIATION OF CONSTRUCTION ACTIVITIES, AFTER THE INSTALLATION OF THE BMPS.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 et seq. AND SCR100000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
- THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
 - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
 - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
 - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
 - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
- IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

EROSION CONTROL
MAINTENANCE SCHEDULE

ALL SEDIMENT AND EROSION CONTROLS ARE TO BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS. CONTRACTOR TO DOCUMENT WITH SCDES APPROVED INSPECTION REPORTS AND LOGGED IN THE PROJECT SWPPP.

14 DAY
STABILIZATION CLAUSE

ALL DISTURBED AREAS WHICH ARE TO BE LEFT IDLE FOR A PERIOD OF 14 DAYS OR LONGER ARE TO RECEIVE TEMPORARY VEGETATION OR MULCH.

PAVEMENT STRIPING NOTES:

- ALL PAVEMENT MARKINGS SHALL MEET ALL REQUIREMENTS OF THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SCDOT SPECIFICATIONS.
- APPLY ALL ROADWAY STRIPING AND MARKINGS IMMEDIATELY AFTER APPLICATION OF FINAL SURFACE.

C-SWPPP CONSTRUCTION REQUIREMENTS:

- RECEIVE NPDES COVERAGE FROM SCDES AND NEWBERRY COUNTY.
- CONDUCT ON-SITE PRE-CONSTRUCTION MEETING.
- NOTIFY SCDES REGIONAL EQC OFFICE, NEWBERRY COUNTY, AND TOWN OF PROSPERITY 48 HOURS PRIOR TO BEGINNING LAND DISTURBANCE ACTIVITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DIFFERENCES NOTICED ON SITE AS COMPARED TO THE CONSTRUCTION DOCUMENTS
- CLEARING AND GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
- BEGIN PERFORMING WEEKLY SCDES SWPPP INSPECTIONS UNTIL SITE IS PERMANENTLY STABILIZED.
- INSTALL ALL TEMPORARY EROSION CONTROL MEASURES AND CONTINUE WEEKLY SCDES SWPPP INSPECTIONS.
- BEGIN CLEARING & GRUBBING AS INDICATED ON THE PLANS.
- PERFORM ROUGH GRADING OPERATIONS AND THE UTILITY INSTALLATIONS.
- APPLY TEMPORARY SEEDING AS REQUIRED BY TOWN OF PROSPERITY STANDARDS WITHIN AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES WILL NOT RESUME FOR LONGER THAN 14 DAYS.
- INSTALL EROSION CONTROL DEVICES AS REQUIRED, OR NEEDED.
- PERFORM FINE GRADING IN AREA OF THE PROPOSED BUILDING.
- INSTALL CONCRETE SIDEWALK.
- APPLY TOPSOIL IN ALL NON-PAVED AREAS AND INITIATE PERMANENT STABILIZATION MEASURES.
- MAINTAIN ALL SEDIMENT AND EROSION CONTROL FEATURES THROUGHOUT THE LIFE OF THE PROJECT.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK, WITH NO TIME PERIOD BETWEEN INSPECTIONS EXCEEDING 9 DAYS, AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. BMPS SHALL BE ASSESSED BY THE CONTRACTOR WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 1.0 INCH OR GREATER, AS WELL AS DURING THE FIRST RAIN EVENT AFTER THE INITIATION OF CONSTRUCTION ACTIVITIES, AFTER THE INSTALLATION OF THE BMPS.
- UPON COMPLETE STABILIZATION OF THE SITE AND ENGINEER APPROVAL, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND REMOVE SEDIMENT DEPOSITS FROM THE SITE.
- CONDUCT FINAL INSPECTION WITH NEWBERRY COUNTY, TOWN OF PROSPERITY, AND ENGINEER.
- SUBMIT NOTICE OF TERMINATION (NOT) TO NEWBERRY COUNTY AND SCDES AS APPROPRIATE (BY ENGINEER).



55 BEATTIE PLACE
SUITE 200
GREENVILLE, SC 29601
(t)864-990-0180

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15 South Main Street, Suite 400
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864.232.8200
www.DP3architects.com

Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number	21393-B
Drawn By	CJL
Checked By	JHE
Date	31 JUL 2025

Revisions

Drawing

GENERAL NOTES,
LEGEND, AND
ABBREVIATIONS

G-002

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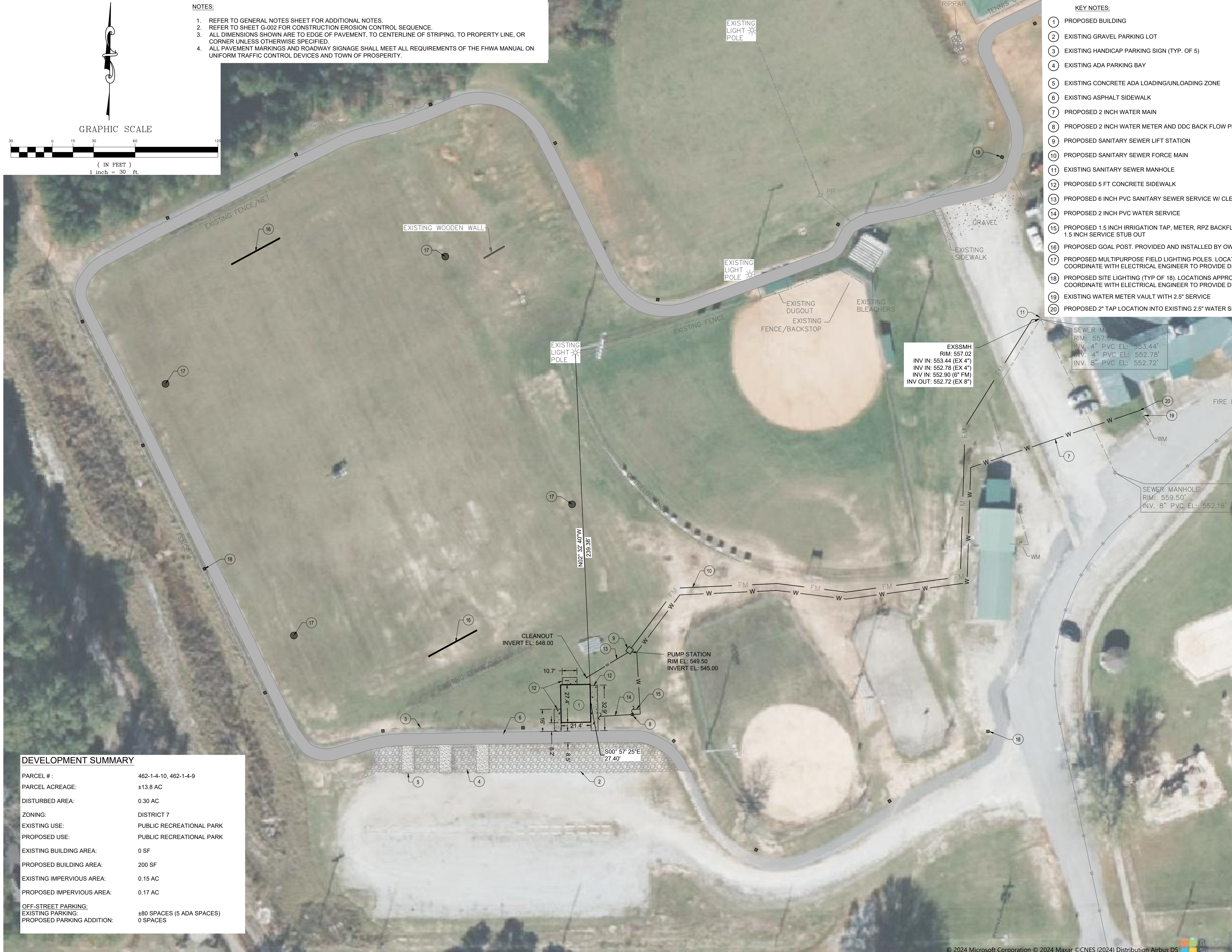
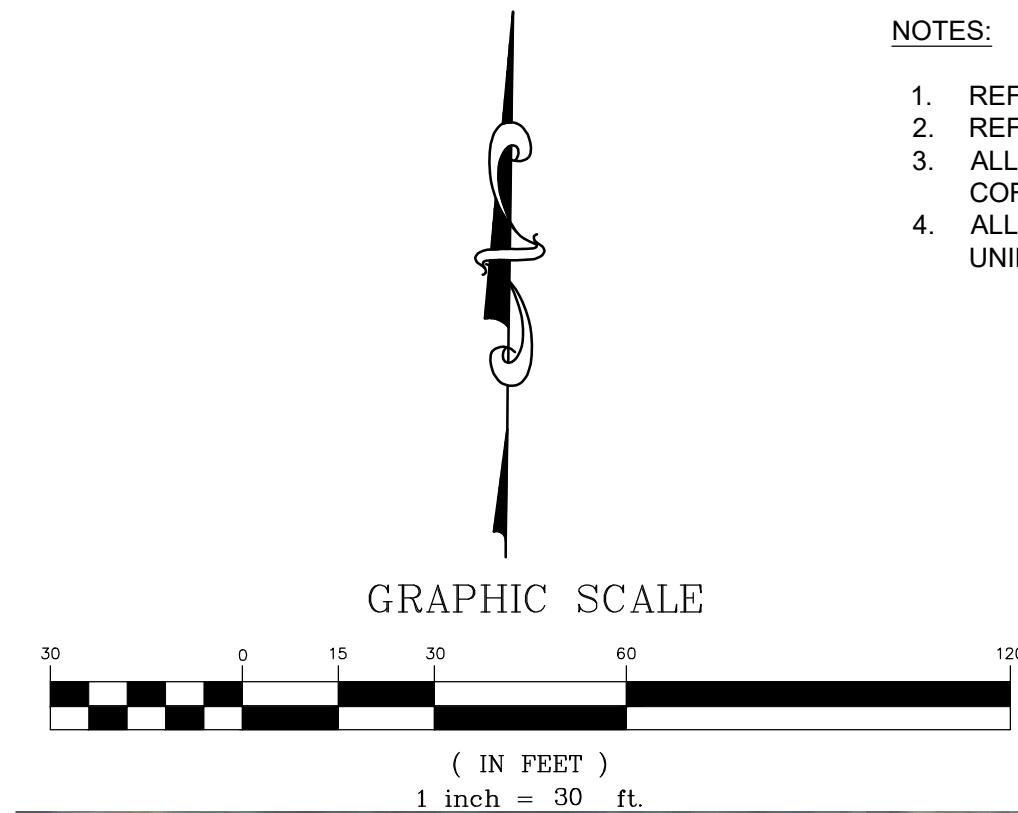
Revisions

Drawing

DEMO & ESC PLAN

CD-101

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DEVELOPMENT SUMMARY

PARCEL # :	462-1-4-10, 462-1-4-9
PARCEL ACREAGE:	±13.8 AC
DISTURBED AREA:	0.30 AC
ZONING:	DISTRICT 7
EXISTING USE:	PUBLIC RECREATIONAL PARK
PROPOSED USE:	PUBLIC RECREATIONAL PARK
EXISTING BUILDING AREA:	0 SF
PROPOSED BUILDING AREA:	200 SF
EXISTING IMPERVIOUS AREA:	0.15 AC
PROPOSED IMPERVIOUS AREA:	0.17 AC
OFF-STREET PARKING:	
EXISTING PARKING:	±80 SPACES (5 ADA SPACES)
PROPOSED PARKING ADDITION:	0 SPACES

KEY NOTES:

1. PROPOSED BUILDING
2. EXISTING GRAVEL PARKING LOT
3. EXISTING HANDICAP PARKING SIGN (TYP. OF 5)
4. EXISTING ADA PARKING BAY
5. EXISTING CONCRETE ADA LOADING/UNLOADING ZONE
6. EXISTING ASPHALT SIDEWALK
7. PROPOSED 2 INCH WATER MAIN
8. PROPOSED 2 INCH WATER METER AND DDC BACK FLOW PREVENTER
9. PROPOSED SANITARY SEWER LIFT STATION
10. PROPOSED SANITARY SEWER FORCE MAIN
11. EXISTING SANITARY SEWER MANHOLE
12. PROPOSED 5 FT CONCRETE SIDEWALK
13. PROPOSED 6 INCH PVC SANITARY SEWER SERVICE W/ CLEANOUT
14. PROPOSED 2 INCH PVC WATER SERVICE
15. PROPOSED 1.5 INCH IRRIGATION TAP, METER, RPZ BACKFLOW AND 1.5 INCH SERVICE STUB OUT
16. PROPOSED GOAL POST. PROVIDED AND INSTALLED BY OWNER.
17. PROPOSED MULTIPURPOSE FIELD LIGHTING POLES. LOCATIONS APPROXIMATE. COORDINATE WITH ELECTRICAL ENGINEER TO PROVIDE DIMENSIONS.
18. PROPOSED SITE LIGHTING (TYP OF 18). LOCATIONS APPROXIMATE. COORDINATE WITH ELECTRICAL ENGINEER TO PROVIDE DIMENSIONS.
19. EXISTING WATER METER VAULT WITH 2.5" SERVICE
20. PROPOSED 2" TAP LOCATION INTO EXISTING 2.5" WATER SERVICE



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NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 21393-B
Drawn By CJL
Checked By JHE
Date 31 JUL 2025

Revisions

Drawing

PARK SITE PLAN

C-101



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GRADING PLAN

C-102



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S 3048LSS



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Duplex D3648LSS



Duplex D3672LSS

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Simplex 700-Series



Duplex 1100-Series

See our Liberty Pumps catalog or visit our website for complete specifications of pre-designed systems

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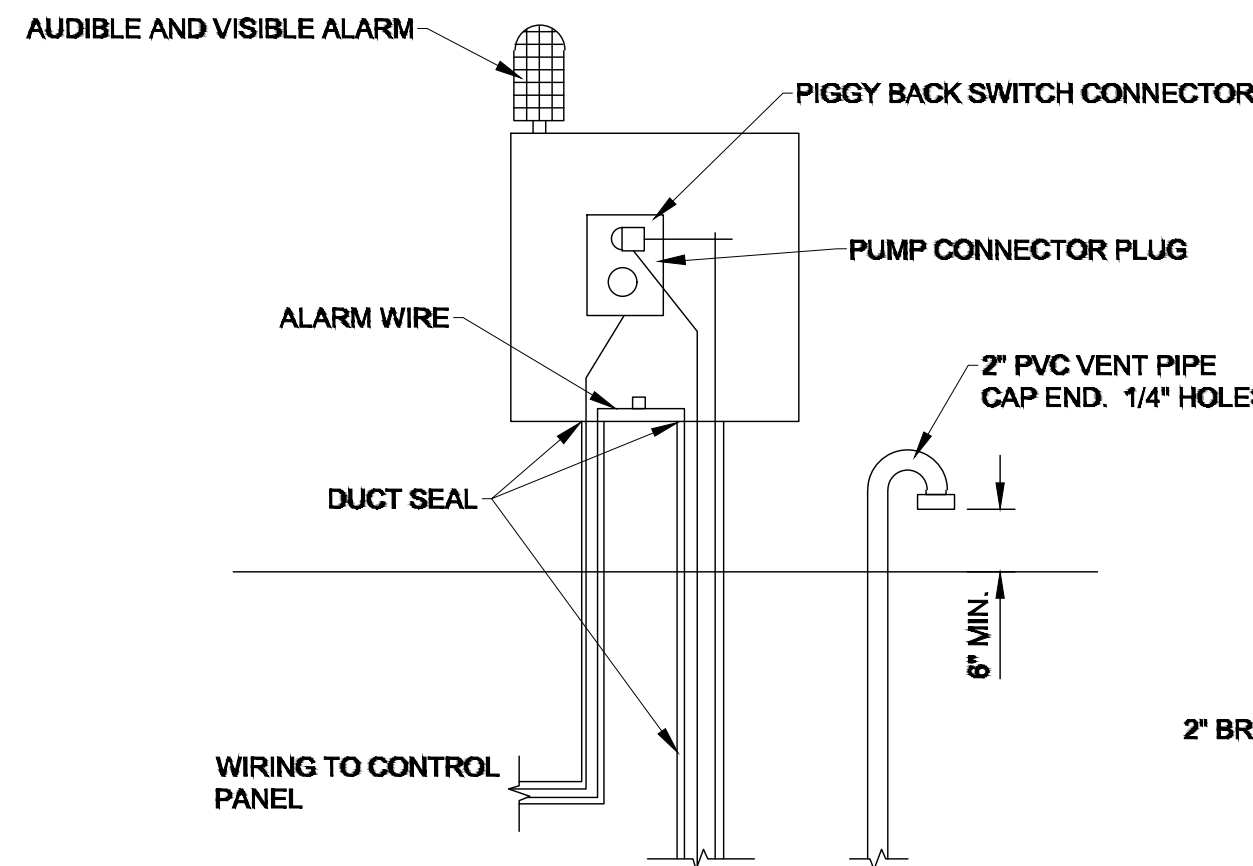
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D3672LSG/LSGX-Series Electrical Data

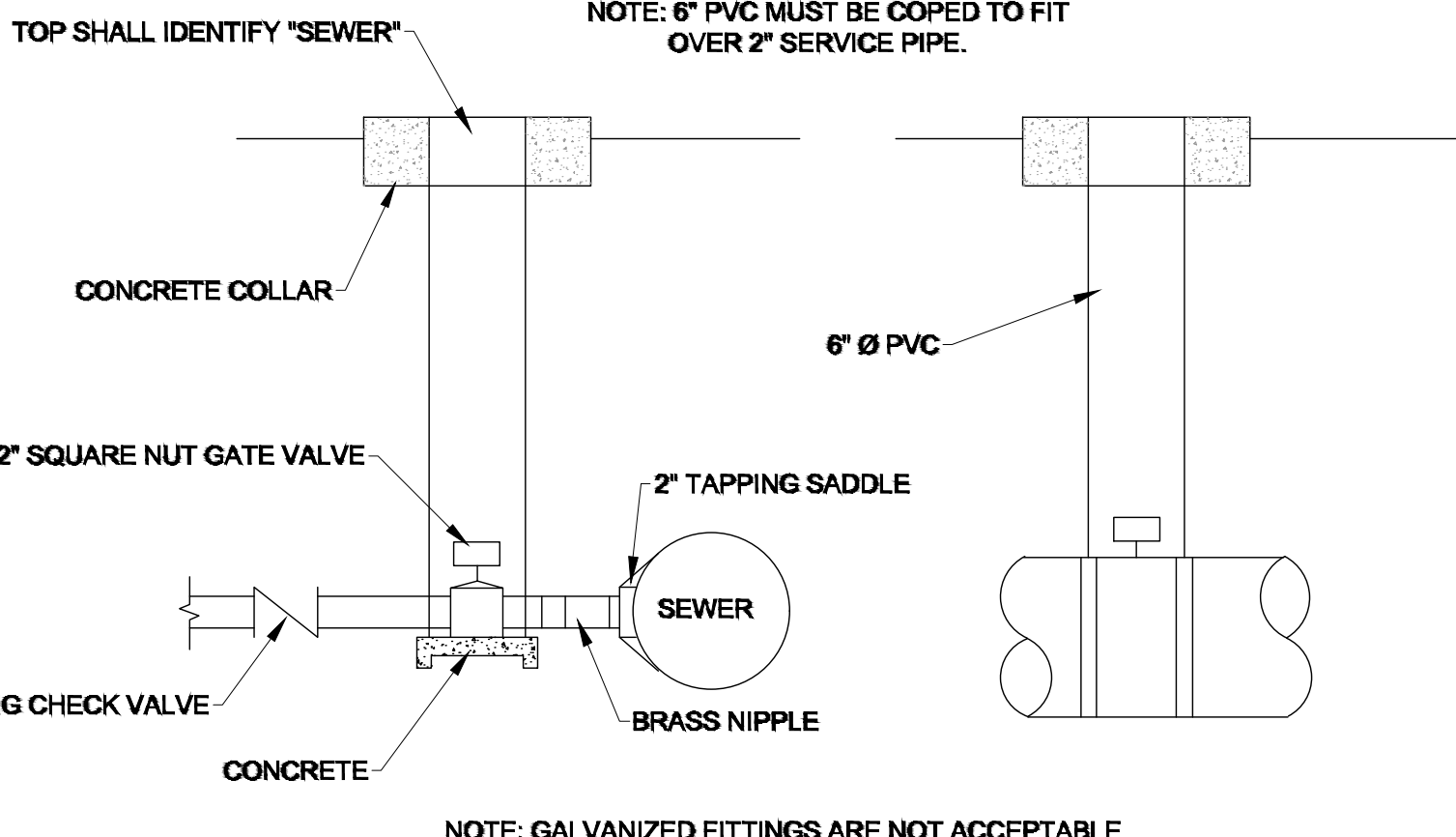
SYSTEM ^{1,2}	HP	RECOMMENDED PANEL POWER FEED					SF	FULL LOAD AMPS ³	LOCKED ROTOR AMPS ³	THERMAL OVERLOAD TEMP	STATOR WINDING CLASS	CORD LENGTH (FT)	PUMP DISCHARGE	STANDARD CONTROL PANEL ⁴
		# LINES	VOLTAGE	PHASE	AMPS	FEED								
D3672LSG202	2	2	208/230	1	30	PUMP	1.0	15	53	105°C	B	25	1-1/4" NPT	AE24H=3
		1	115	1	15	CONTROL								
D3672LSG202-C	2	2	208/230	1	30	PUMP	1.0	15	53	135°C	B	35	1-1/4" NPT	AE24HC=3-3
		1	115	1	15	CONTROL								
D3672LSG203	2	1	208/230	3	30	BOTH	1.0	10.6	61	N/A	B	25	1-1/4" NPT	AE34=3-511
D3672LSG204	2	1	440-480	3	20	BOTH	1.0	5.3	31	N/A	B	25	1-1/4" NPT	AE34=3-171
D3672LSG205	2	1	575	3	20	BOTH	1.0	4.9	31	N/A	B	25	1-1/4" NPT	AE54=3-161
D3672LSGX202	2	2	208-230	1	30	PUMP	1.0	15	53	135°C	B	25	1-1/4" NPT	AE24H=3
		1	115	1	15	CONTROL								
D3672LSGX202-C	2	2	208-230	1	30	PUMP	1.0	15	53	135°C	B	35	1-1/4" NPT	AE24HC=3-3
		1	115	1	15	CONTROL								
D3672LSGX203	2	1	208/230	3	30	BOTH	1.0	10.6	61	N/A	B	25	1-1/4" NPT	AE34=3-511
D3672LSGX204	2	1	440-480	3	20	BOTH	1.0	5.3	31	N/A	B	25	1-1/4" NPT	AE34=3-171
D3672LSGX205	2	1	575	3	20	BOTH	1.0	4.9	31	N/A	B	25	1-1/4" NPT	AE54=3-161

- 1 Add -IP to the model number for IP-Series™ panel upgrade.
- 2 Add -4F to the model number for four float panel option.
- 3 Amperage values are for each pump.
- 4 Electrical service shall be sized to support all pumps running simultaneously.

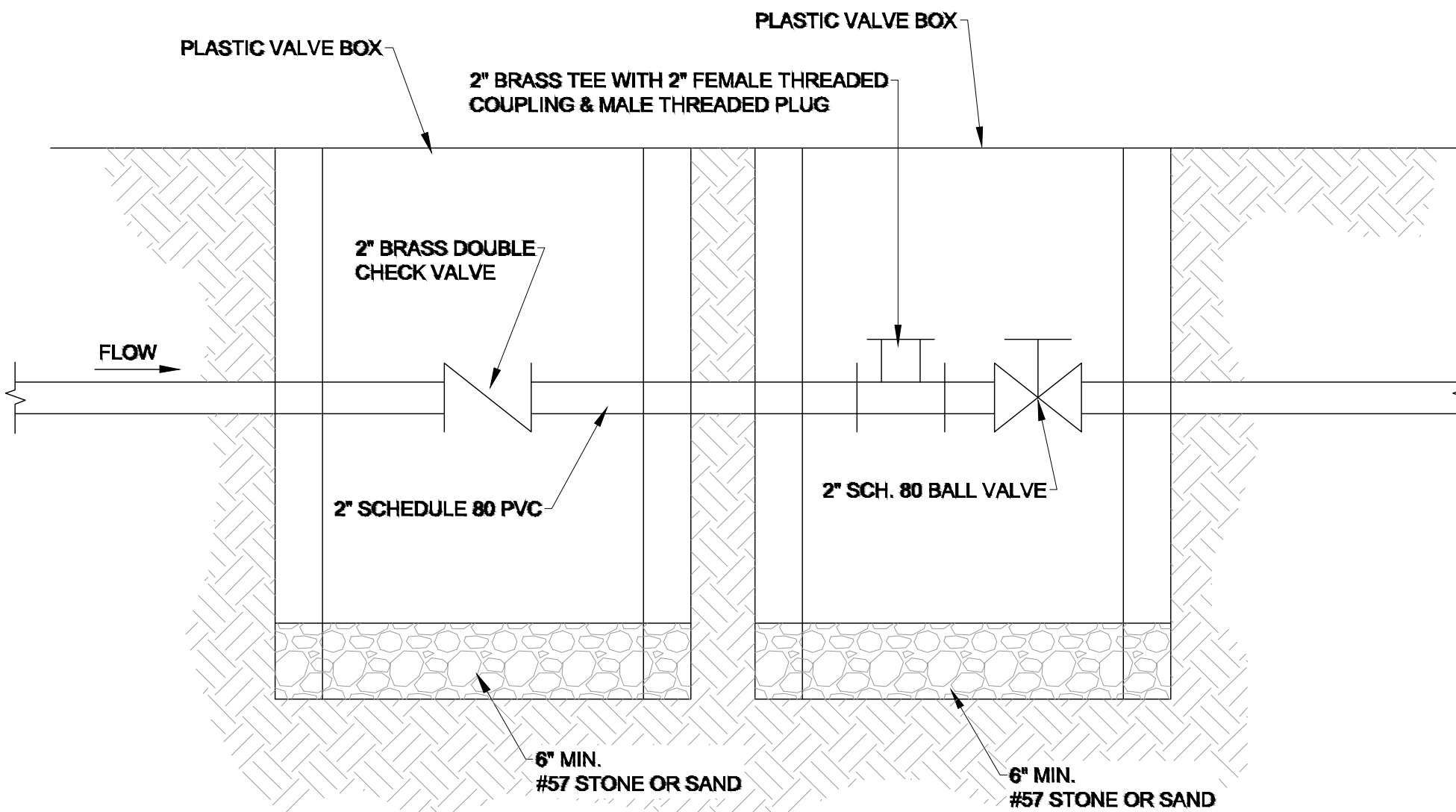
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DETAIL A
NOT TO SCALE

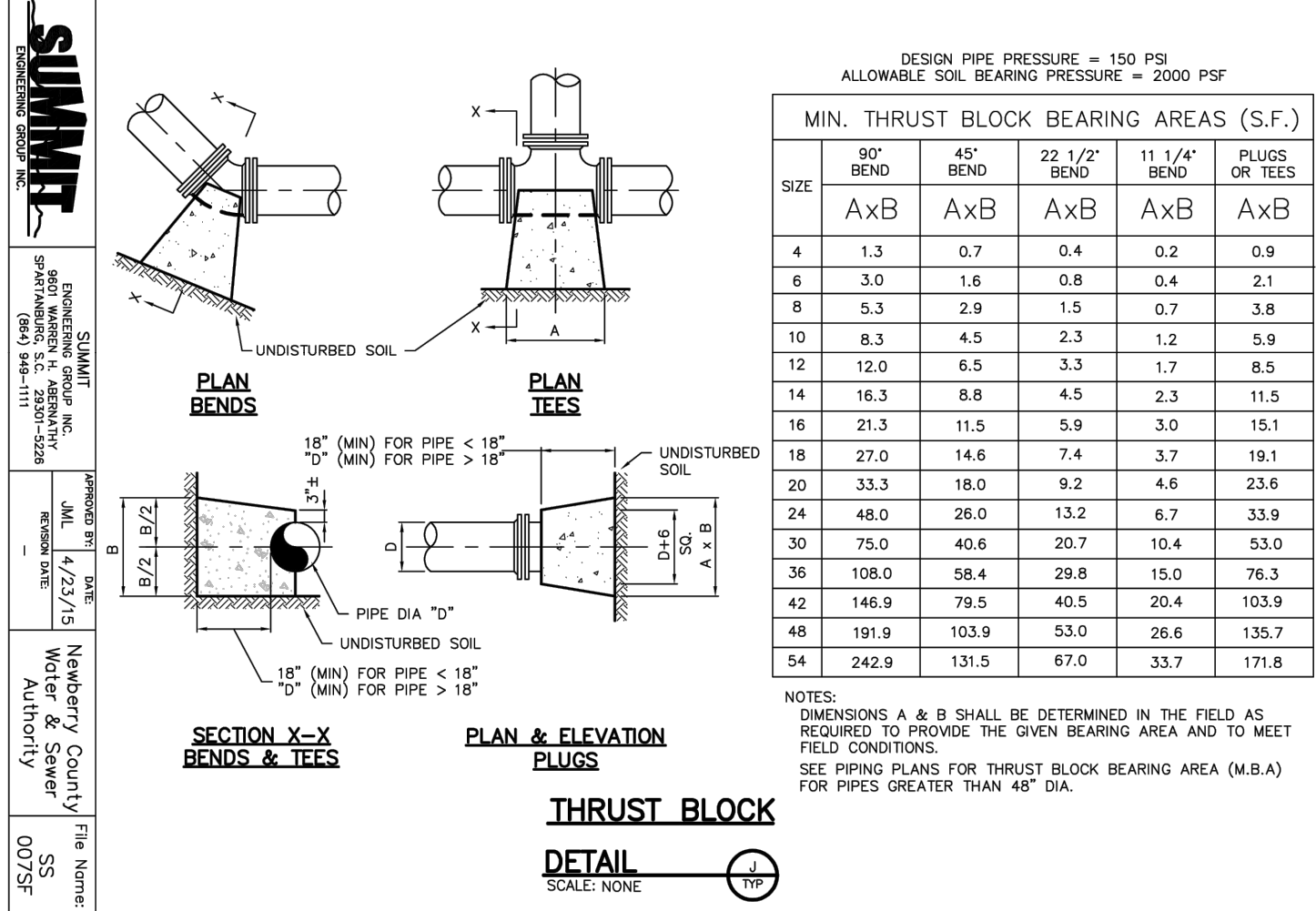


DETAIL B
VALVE BOX DETAIL
(INSTALLED BY NCWSA)
NOT TO SCALE



DETAIL C
NOT TO SCALE

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PUMP DETAILS

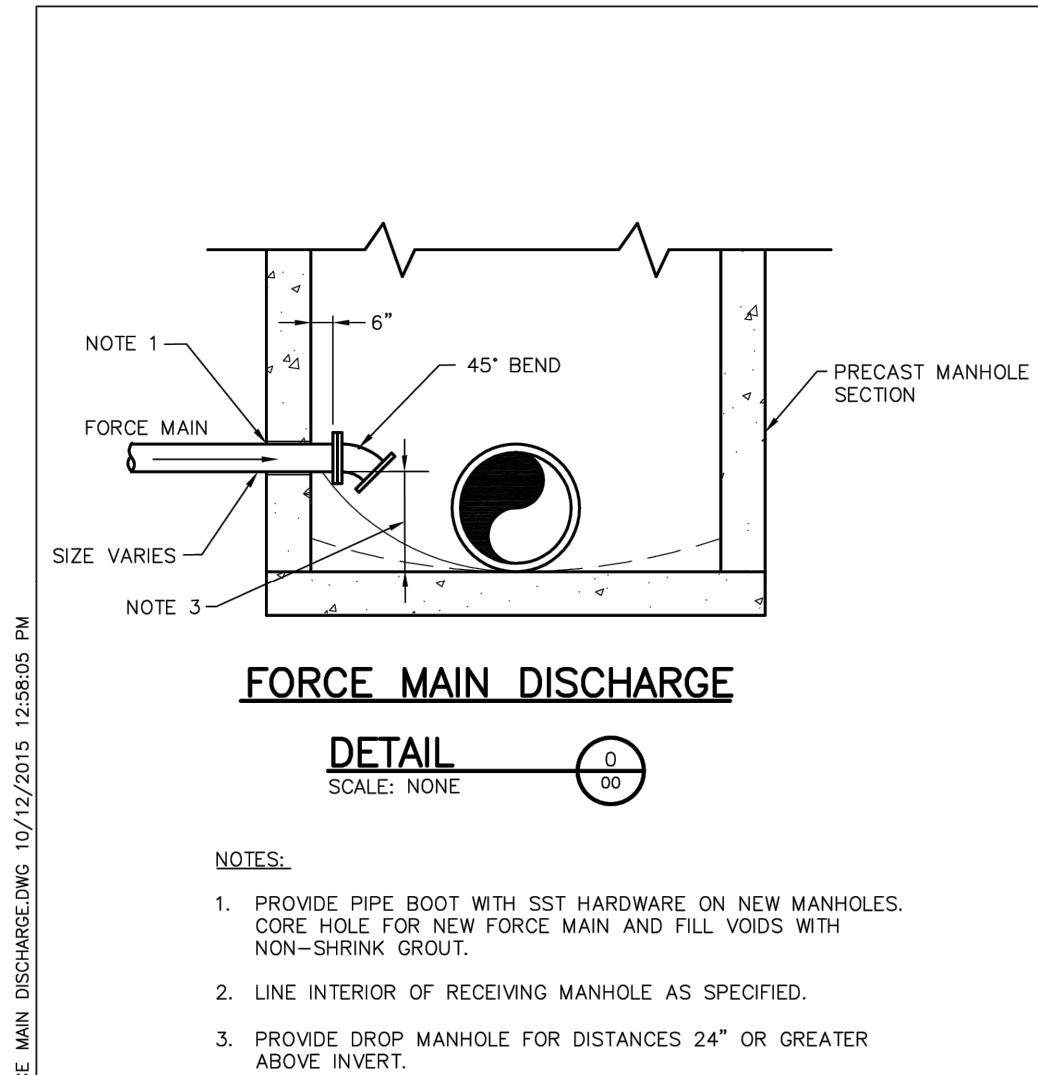
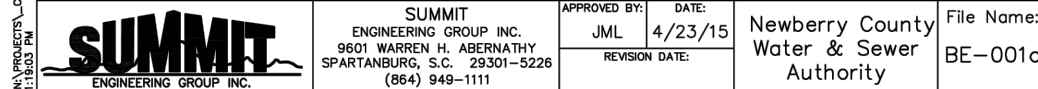
1. PUMP: THE PUMP SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS ON THIS SHEET AND THE MANUFACTURER'S RECOMMENDATIONS. USE LIBERTY MODEL LSG202M. 2 HP HIGH HEAD; SINGLE PHASE 230V; GRINDER PUMP.
2. PUMP CONTROLS: THE CONTROLS SHALL CONSIST OF AN ON AND OFF SINGLE FLOAT IN ACCORDANCE WITH THE DETAILS ON THIS SHEET AND THE MANUFACTURER'S RECOMMENDATIONS. FLOAT SWITCHES SHALL BE ADJUSTED TO OBTAIN MAXIMUM WORKING VOLUME IN PUMP CHAMBER. THERE SHALL ALSO BE A HIGH WATER ALARM FLOAT LOCATED AS SHOWN ON THE DETAIL. THIS FLOAT SHALL ACTIVATE AN AUDIBLE ALARM AND A FLASHING RED LIGHT. THERE SHALL BE A RESET SWITCH LOCATED ON THE CONTROL BOX TO DISENGAGE THE ALARM SYSTEM ONCE IT HAS BEEN ACKNOWLEDGED. AN AUDIBLE AND VISIBLE ALARM MUST BE PROVIDED ON THE CONTROL PANEL. THE ALARM SYSTEM POWER SHALL BE SUPPLIED BY A SEPARATE 20 AMP BREAKER AND EXTERNAL DISCONNECT SWITCH.
3. PUMP STATION: THE PUMP STATION SHALL BE TO THE DIMENSIONS SHOWN ON THE DETAIL AND BE STRONG ENOUGH TO SUPPORT LIGHT TRAFFIC. 500 GALLON CAPACITY
4. INSPECTION: PRIOR TO ALLOWING ANY FLOW TO ENTER THE SYSTEM, THE CONTRACTOR SHALL ARRANGE TO HAVE A FINAL INSPECTION BY NEWBERRY COUNTY WATER & SEWER AUTHORITY, TEL. (803) 276-7020. NO COMPONENT OF THIS SYSTEM SHALL BE COVERED PRIOR TO INSPECTION OR APPROVAL BY N.C.W.&S.A. THE CONTRACTOR SHALL BE PRESENT DURING THE INSPECTION(S) AND THE SYSTEM MUST BE CYCLED TWICE BEFORE RECEIVING FINAL APPROVAL.
5. ELECTRICAL: ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES. A LICENSED ELECTRICIAN SHALL MAKE THE FINAL CONNECTIONS TO THE POWER AND CERTIFY THAT ALL WIRING AND CONTROLS ARE IN ACCORDANCE WITH ALL APPLICABLE CODES. DUCT SEAL SHALL BE USED TO PROVIDE GAS TIGHT SEALS BETWEEN THE ELECTRICAL CONNECTION BOX AND THE CONDUIT LEADING TO THE PUMP CHAMBER.
6. WARRANTY: THE CONTRACTOR AGREES TO PROVIDE A ONE YEAR WARRANTY ON ALL THE EQUIPMENT AND WORKMANSHIP FOR THE INSTALLATION OF THIS SYSTEM.



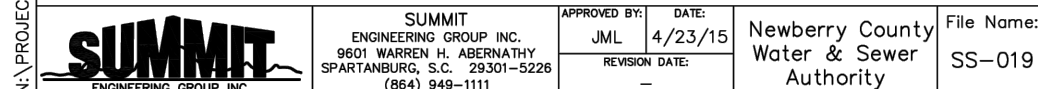
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- NOTES:
1. PROVIDE PIPE BOOT WITH SST HARDWARE ON NEW MANHOLES. CORE HOLE FOR NEW FORCE MAIN AND FILL VOIDS WITH NON-SHRINK GROUT.
 2. LINE INTERIOR OF RECEIVING MANHOLE AS SPECIFIED.
 3. PROVIDE DROP MANHOLE FOR DISTANCES 24" OR GREATER ABOVE INVERT.



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NEWBERRY COUNTY PROSPERITY PARK IMPROVEMENTS TOWN CENTER PARK

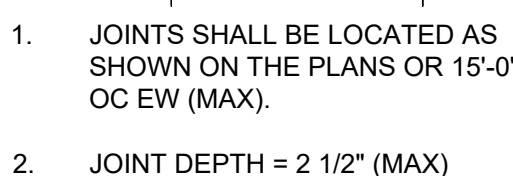
Project Number 21393-B
Drawn By CJL
Checked By JHE
Date 31 JUL 2025

Revisions

Drawing

DETAILS

C-201



South Carolina Department of
Health and Environmental Control

SILT FENCE

STANDARD DRAWING NO. SC-03 Page 1 of 2

NOT TO SCALE

FEBRUARY 2014
DATE:

South Carolina Department of
Health and Environmental Control

SILT FENCE

STANDARD DRAWING NO. SC-03 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014

DATE

South Carolina Department of
Health and Environmental Control

SEDIMENT TUBES

STANDARD DRAWING NO. SC-05 PAGE 1 of 2

NOT TO SCALE

FEBRUARY 2014
DATE

South Carolina Department of
Health and Environmental Control

SEDIMENT TUBES

STANDARD DRAWING NO. SC-05 PAGE 2 of 2

GENERAL NOTES

South Carolina Department of
Health and Environmental Control

CONSTRUCTION ENTRANCE

STANDARD DRAWING NO. SC-06 PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014

DATE

South Carolina Department of
Health and Environmental Control

CONSTRUCTION ENTRANCE

STANDARD DRAWING NO. SC-06 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014

DATE:

South Carolina Department of
Health and Environmental Control

TEMPORARY STOCKPILE

STANDARD DRAWING NO. SC-15 PAGE 1 of 1

NOT TO SCALE FEBRUARY 2014

DATE:

South Carolina Department of
Health and Environmental Control

CONCRETE WASHOUT
STRAW BALES OR ABOVE GROUND

STANDARD DRAWING NO. RC-07 PAGE 1 of 1

NOT TO SCALE FEBRUARY 2014
DATE

South Carolina Department of
Health and Environmental Control

SILT FENCE ROCK OUTLET

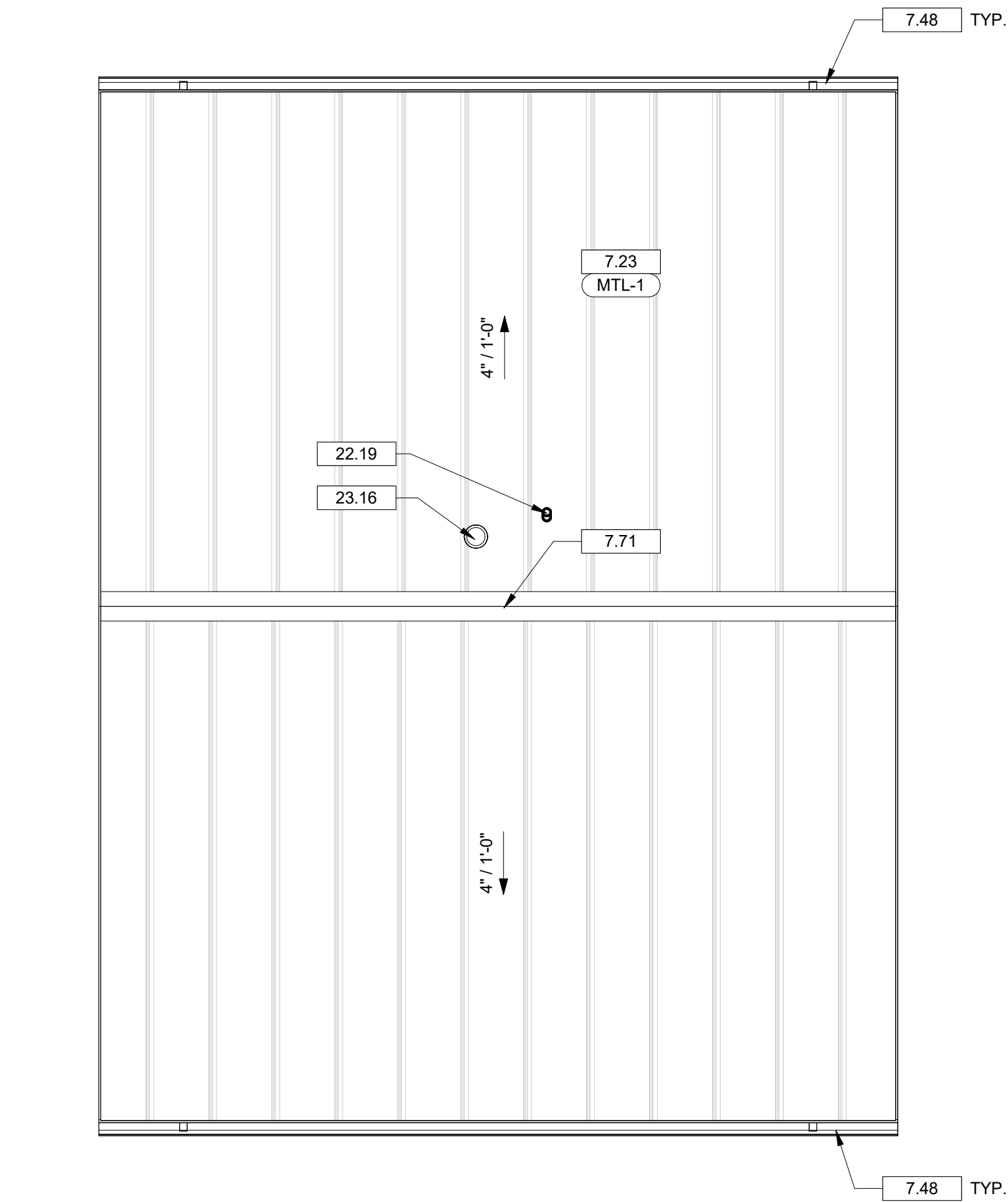
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DATE

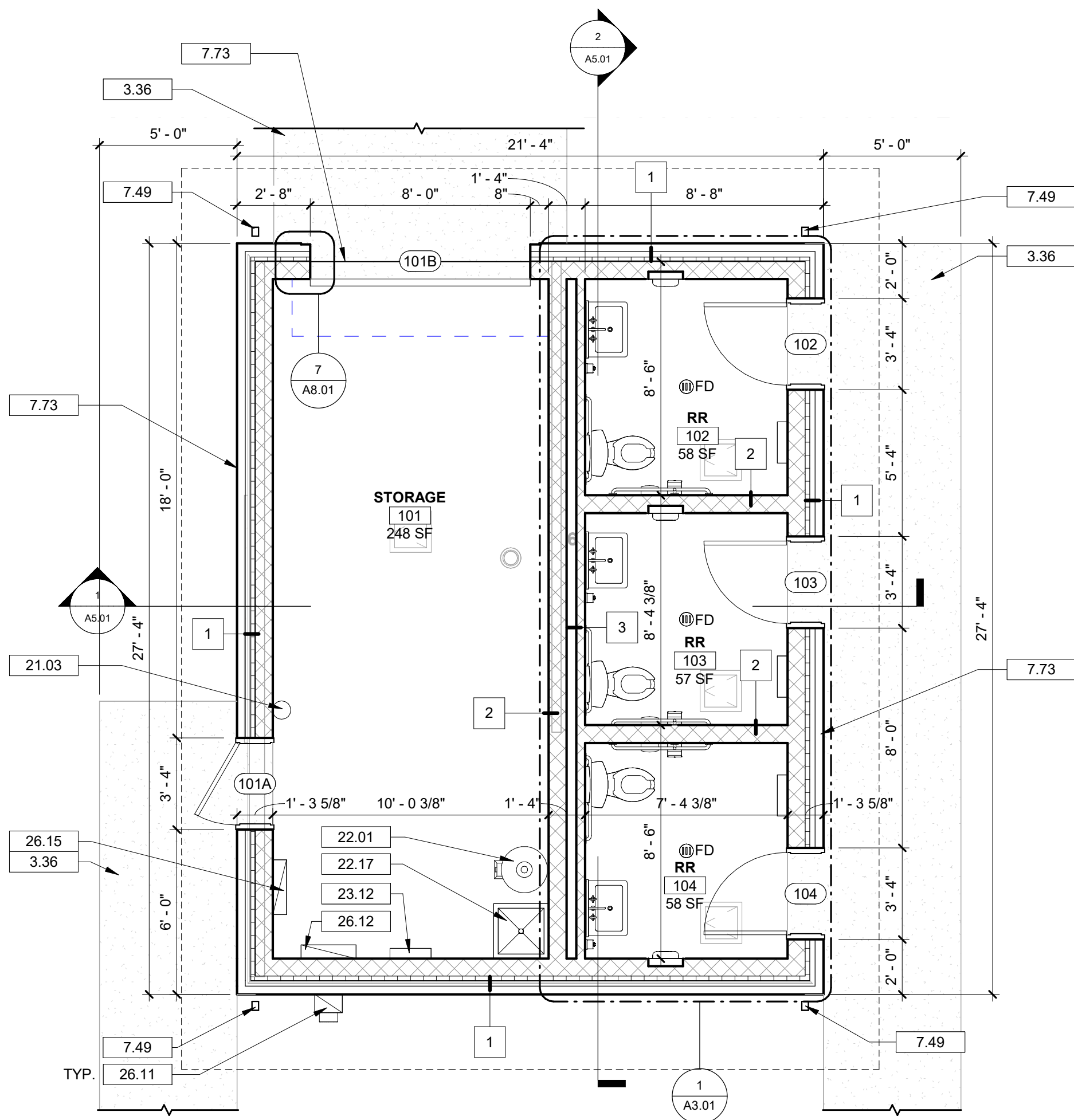
Permanent Seeding - Upstate

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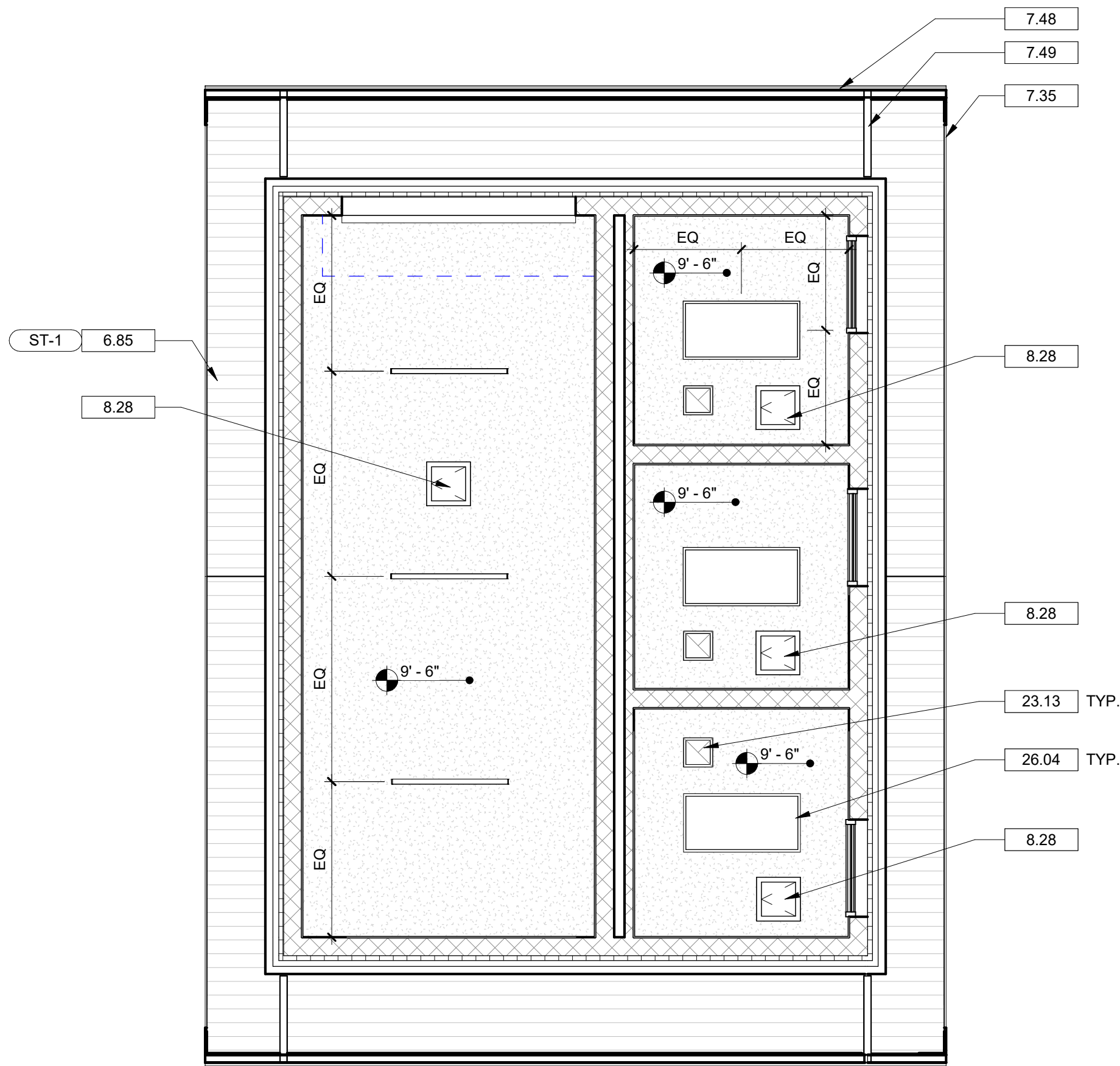
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1 ROOF PLAN
A1.01 1/4" = 1'-0"



2 FLOOR PLAN
A1.01 1/4" = 1'-0"



3 REFLECTED CEILING PLAN
A1.01 1/4" = 1'-0"

FLOOR PLAN LEGEND

- X WALL TYPE
- 101 DOOR TYPE

REFLECTED CEILING PLAN LEGEND

- GYPSUM CEILING ON SUSPENDED FRAMING GRID SYSTEM
- OPEN TO ABOVE
- GROOVED PLYWOOD CEILING
- LIGHT FIXTURE
- LIGHT FIXTURE
- EXHAUST FAN

REFLECTED CEILING PLAN NOTES

- A. COORDINATE ALL LIGHTING TYPES WITH ELECTRICAL DRAWINGS.
- B. REFER TO ELECTRICAL DRAWINGS FOR ALL CEILING MOUNTED EXIT LIGHTS, SMOKE DETECTORS, SPEAKERS, FIRE ALARM DEVICES, ETC. FOR ITEMS NOT INDICATED ON THE REFLECTED CEILING PLAN, COORDINATE LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
- C. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AND SOFFITS AND IN OTHER NON-ACCESSIBLE TYPE CEILINGS AND SOFFITS WHERE ACCESS, SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING OR ELECTRICAL ITEMS MAY BE REQUIRED. COORDINATE LOCATIONS AND SIZES WITH ARCHITECT.
- D. COORDINATE ALL HVAC MECHANICAL DEVICES WITH MECHANICAL DRAWINGS.
- E. IF AS-BUILT CONDITIONS DEMAND THAT A CEILING BOARD LARGER THAN 2'-0" IN ANY DIMENSION BE USED IN THE PERIMETER BOARDS OF A TYPICAL 2'X2' GRID, THEN THAT BOARD SHALL BE CUT FROM A 2'X4' BOARD. A DOUBLE WALL ANGLE SHALL NOT BE USED IN THE CEILING GRID SYSTEM.
- F. LOCATE ALL TRACK & RECESSED FIXTURES AT THE CENTERLINE OF TILE UNLESS NOTED OTHERWISE. INSTALL ALL ELECTRICAL SYSTEM COMPONENTS WITHOUT INTERFERING WITH DUCTS, PIPES, BEAMS, ETC. LOCATE LIGHT FIXTURES SYMMETRICALLY, AS DIMENSIONED, OR AS INDICATED ON THE REFLECTED CEILING PLANS. IN THE EVENT OF CONFLICT, THE ARCHITECT WILL DECIDE WHICH ITEM TO RELOCATE WITHOUT REGARD TO WHICH WAS INSTALLED FIRST.
- G. COORDINATE ALL EXPOSED CEILING WORK WITH ALL TRADES, AND PROVIDE SKETCH (FOR PRE-INSTALLATION MEETING) OF ALL CONDUIT RUNS, JUNCTION BOXES, DUCTWORK AND SUPPORTS, PLUMBING (OVERHEAD) AND FIRE PROTECTION PIPING, IN EXPOSED CEILING AREAS. CONTRACTOR SHALL SCHEDULE A PRE-INSTALLATION COORDINATION MEETING WITH ALL TRADES REPRESENTED, INCLUDING ARCHITECT, WHERE FINAL APPROVAL FOR ALL ROUTING WILL BE GRANTED. ALL EQUIPMENT, PIPING OR ACCESSORIES INSTALLED IN THESE AREAS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
- H. CEILING HEIGHTS TO BE 10' - 0" U.N.O..
- I. LIGHT FIXTURES TO BE CENTERED IN CEILING, U.N.O..

GENERAL DIMENSION PLAN NOTES

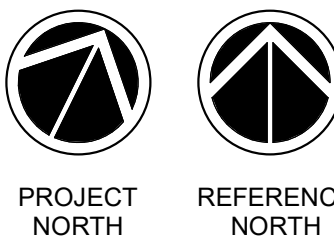
- A. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.
- B. DIMENSIONS ARE TO FACE OF MASONRY, UNLESS NOTED OTHERWISE.
- C. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.

DRAWING NOTES

- 3.36 CONCRETE SIDEWALK. REFER TO CIVIL DRAWINGS.
- 6.85 5/8 INCH GROOVED PLYWOOD SOFFIT, STAIN, GRADE. ORIENT GROOVES DOWN FOR EXPOSURE FROM BELOW.
- 7.23 PREFINISHED STANDING SEAM METAL ROOFING SYSTEM. REFER TO EXTERIOR FINISH SCHEDULE.
- 7.35 CEMENTITIOUS TRIM 1 1/4 INCH. PAINT. REFER TO SPECIFICATIONS.
- 7.48 PREFINISHED ALUMINUM GUTTER. REFER TO SPECIFICATIONS FOR TYPE, SIZE AND PROFILE. COLOR TO MATCH STANDING SEAM METAL ROOFING.
- 7.49 PREFINISHED METAL DOWNSPOUT. PROVIDE SPLASHBLOCK AT EACH TERMINATION.
- 7.71 PREFINISHED METAL RIDGE VENT BY STANDING SEAM ROOFING MANUFACTURER. COLOR TO MATCH ROOFING FINISH.
- 7.73 PEEL-OFF FOAM EXPANSION JOINT. TYPICAL BETWEEN CONCRETE SIDEWALK, MASONRY, CONCRETE SIDEWALK AND FLOOR SLAB. PROVIDE CONTINUOUS CAULK JOINT BETWEEN MATERIALS AFTER REMOVAL OF TOP SECTION OF JOINT FILLER.
- 8.28 18" X 18" ACCESS PANEL. REFER TO SPECIFICATIONS.
- 21.03 FIRE EXTINGUISHER WITH WALL MOUNT BRACKET.
- 22.01 WATER HEATER TANK. REFER TO PLUMBING DRAWINGS.
- 22.17 MOP SINK. REFER TO PLUMBING DRAWINGS.
- 22.19 VENT THRU ROOF. REFER TO PLUMBING DRAWINGS.
- 23.12 ELECTRIC UNIT HEATER. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
- 23.13 EXHAUST FAN. REFER TO MECHANICAL DRAWINGS.
- 23.16 EXHAUST THRU ROOF. REFER TO MECHANICAL DRAWINGS.
- 26.04 LIGHT FIXTURE. REFER TO ELECTRICAL LIGHT FIXTURE SCHEDULE.
- 26.11 ELECTRICAL METER. REFER TO ELECTRICAL DRAWINGS.
- 26.12 ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.
- 26.15 IRRIGATION CONTROLLER. REFER TO ELECTRICAL DRAWINGS.

WALL TYPE LEGEND

- BRICK VENEER. REFER TO EXTERIOR FINISH SCHEDULE.
- AIR SPACE WITH 12 INCH HIGH MORTAR CAVITY MESH.
- 1 1/2 INCH THICK RIGID INSULATION AT CMU CAVITY. MINIMUM R-VALUE: 7.6 ci.
- AIR/MOISTURE BARRIER.
- 8 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT, RUNNING BOND. CMU CAVITY CELLS FILLED SOLID. REFER TO STRUCTURAL DRAWINGS FOR REINFORCEMENT.
- 8 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT, RUNNING BOND. CMU CAVITY CELLS FILLED SOLID. REFER TO STRUCTURAL DRAWINGS FOR REINFORCEMENT.
- 4 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT, RUNNING BOND. CMU CAVITY CELLS FILLED SOLID. REFER TO STRUCTURAL DRAWINGS FOR REINFORCEMENT.



Seal



JULY 31, 2025

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15 South Main Street, Suite 400
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Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23235-B
Drawn By LTG
Checked By RHW
Date 31 JUL 2025

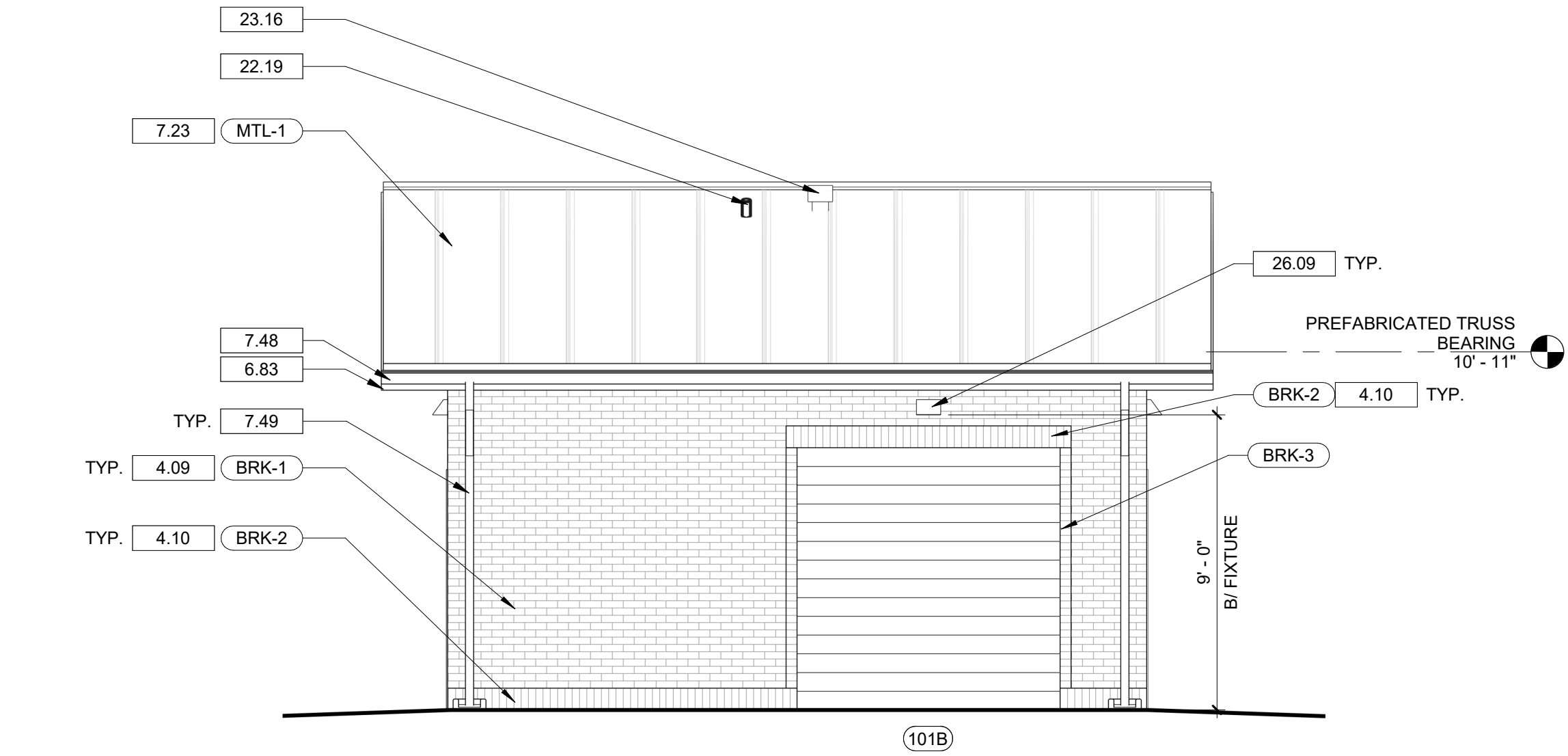
Revisions

Drawing

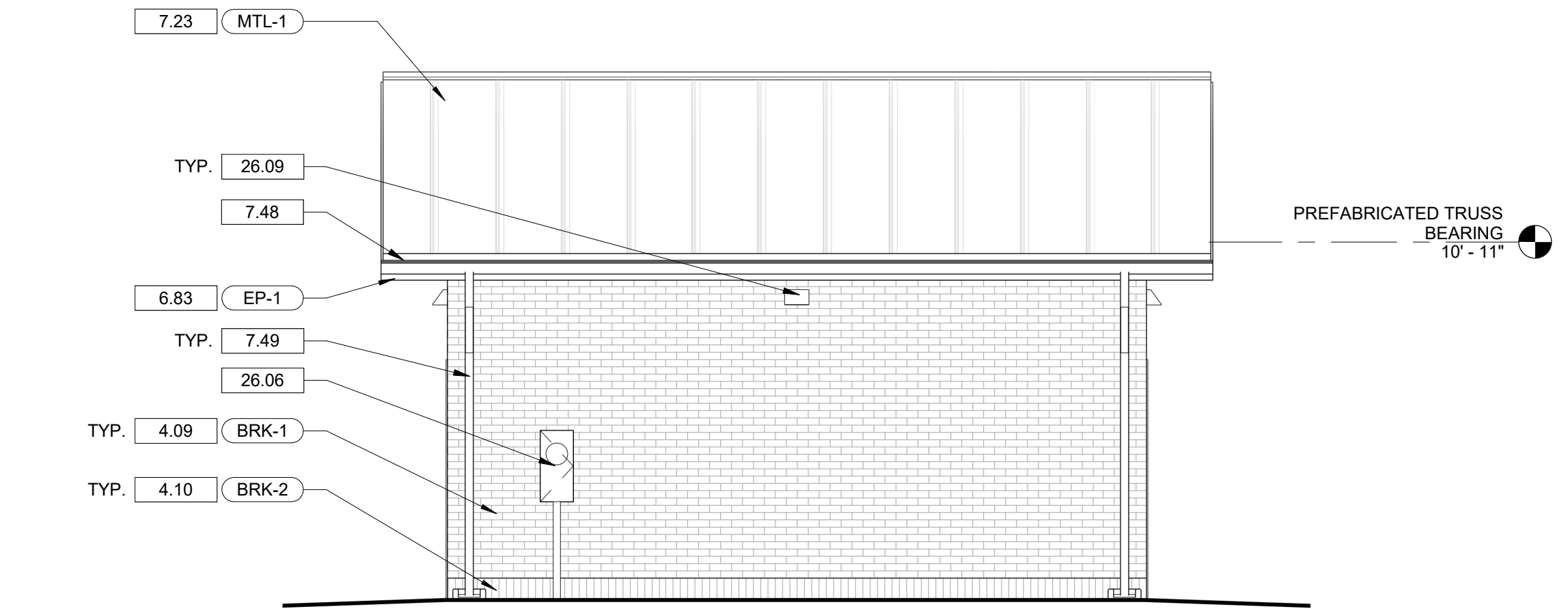
AMENITY BUILDING
PLANS

A1.01

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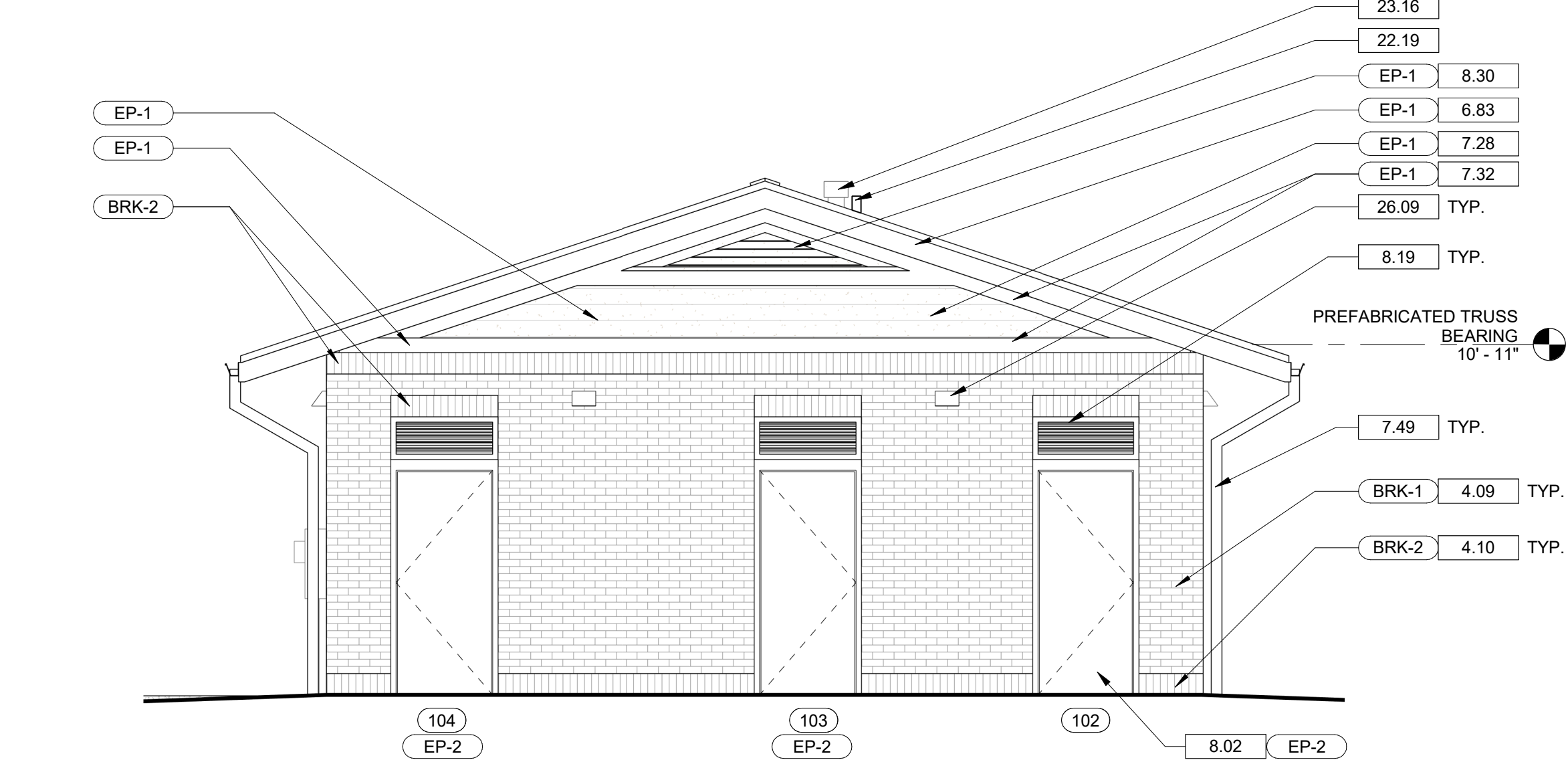


1 NORTH ELEVATION
A4.01 1/4" = 1'-0"

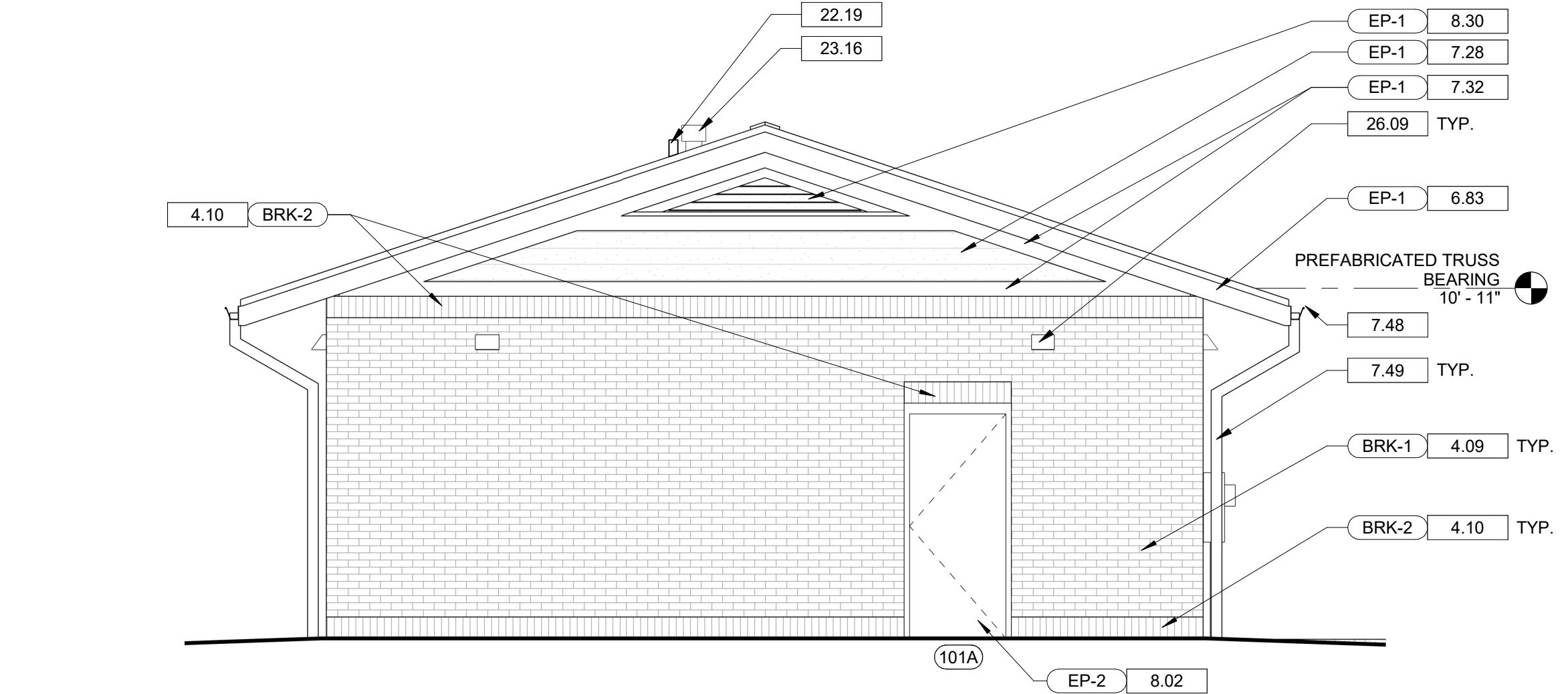


3 SOUTH ELEVATION
A4.01 1/4" = 1'-0"

EXTERIOR FINISH SCHEDULE				
ALL EXTERIOR FINISHES SHALL BE SUBMITTED FOR APPROVAL PRIOR TO ORDERING.				
TAG	MANUFACTURER	STYLE	DESCRIPTION	COMMENTS
BRK-1	PALMETTO BRICK	GRAYSTONE 1.25	FIELD BRICK, RUNNING BOND, U.N.O.	
BRK-2	PALMETTO BRICK	GRAYSTONE 1.25	SOLDIER COURSE AT DOOR/FRAME HEADERS.	
BRK-3	PALMETTO BRICK	GRAYSTONE 1.25	STACKED SAILOR COURSE AT OVERHEAD DOOR JAMBS.	
EP-1	SHERWIN WILLIAMS	SW 7531 'CANVAS TAN'	EXTERIOR FIELD PAINT; LOCATION: CEMENTITIOUS SIDING, WOOD FASCIA AND GABLE ENDS, LOUVERS	
EP-2	SHERWIN WILLIAMS	SW 6074 'SPALDING GRAY', SEMI-GLOSS	EXTERIOR ACCENT PAINT; LOCATION: HOLLOW METAL DOORS AND FRAMES	
MTL-1	MCLEROY METAL, INC	MAXIMA 1.5" PANEL; 24 GA STRIATED PROFILE, COLOR: ASH GRAY	STANDING SEAM METAL ROOF	
ST-1	MINWAX	TBD	WOOD STAIN: GROOVED PLYWOOD SOFFIT AND EXPOSED TRUSSES	



2 EAST ELEVATION
A4.01 1/4" = 1'-0"



4 WEST ELEVATION
A4.01 1/4" = 1'-0"

GENERAL EXTERIOR NOTES

A. COORDINATE EXTERIOR ELEVATIONS WITH ELECTRICAL AND MECHANICAL DRAWINGS.

DRAWING NOTES

- 4.09 BRICK VENEER. REFER TO EXTERIOR FINISH SCHEDULE.
4.10 BRICK VENEER SOLDIER COURSE. STYLE AND TYPE TO MATCH ADJACENT SURFACE UNLESS NOTED OTHERWISE.
6.83 NEW 1X PRESSURE TREATED WOOD FASCIA BOARD AT RAFTER ENDS FOR ATTACHMENT AND SUPPORT OF NEW GUTTER. ENSURE FASCIA BOARD COVERS RAFTER ENDS. PAINT.
7.23 PREFINISHED STANDING SEAM METAL ROOFING SYSTEM. REFER TO EXTERIOR FINISH SCHEDULE.
7.28 CEMENTITIOUS SIDING. PAINT. REFER TO SPECIFICATIONS.
7.32 CEMENTITIOUS TRIM 5 1/2 INCH. PAINT. REFER TO SPECIFICATIONS.
7.48 PREFINISHED ALUMINUM GUTTER. REFER TO SPECIFICATIONS FOR TYPE, SIZE AND PROFILE. COLOR TO MATCH STANDING SEAM METAL ROOFING.
7.49 PREFINISHED METAL DOWNSPOUT. PROVIDE SPLASHBLOCK AT EACH TERMINATION.
8.02 DOOR. REFER TO DOOR SCHEDULE.
8.19 ARCHITECTURAL LOUVER. REFER TO MECHANICAL DRAWINGS.
8.30 ARCHITECTURAL WOOD SCREEN. 2X4 PRESSURE TREATED FRAME WITH 1X4 PRESSURE TREATED LOUVERS. ANGLE OF LOUVERS TO BE 45 DEGREES. SPACE 4" BOTTOM OF LOUVER TO BOTTOM OF LOUVER. PROVIDE INSECT SCREEN ON ATTIC SIDE. PAINT.
22.19 VENT THRU ROOF. REFER TO PLUMBING DRAWINGS.
23.16 EXHAUST THRU ROOF. REFER TO MECHANICAL DRAWINGS.
26.06 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS.
26.09 WALLPACK. REFER TO ELECTRICAL LIGHT FIXTURE SCHEDULE.

Seal



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Project



**NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS**
TOWN CENTER PARK

Project Number 23235-B
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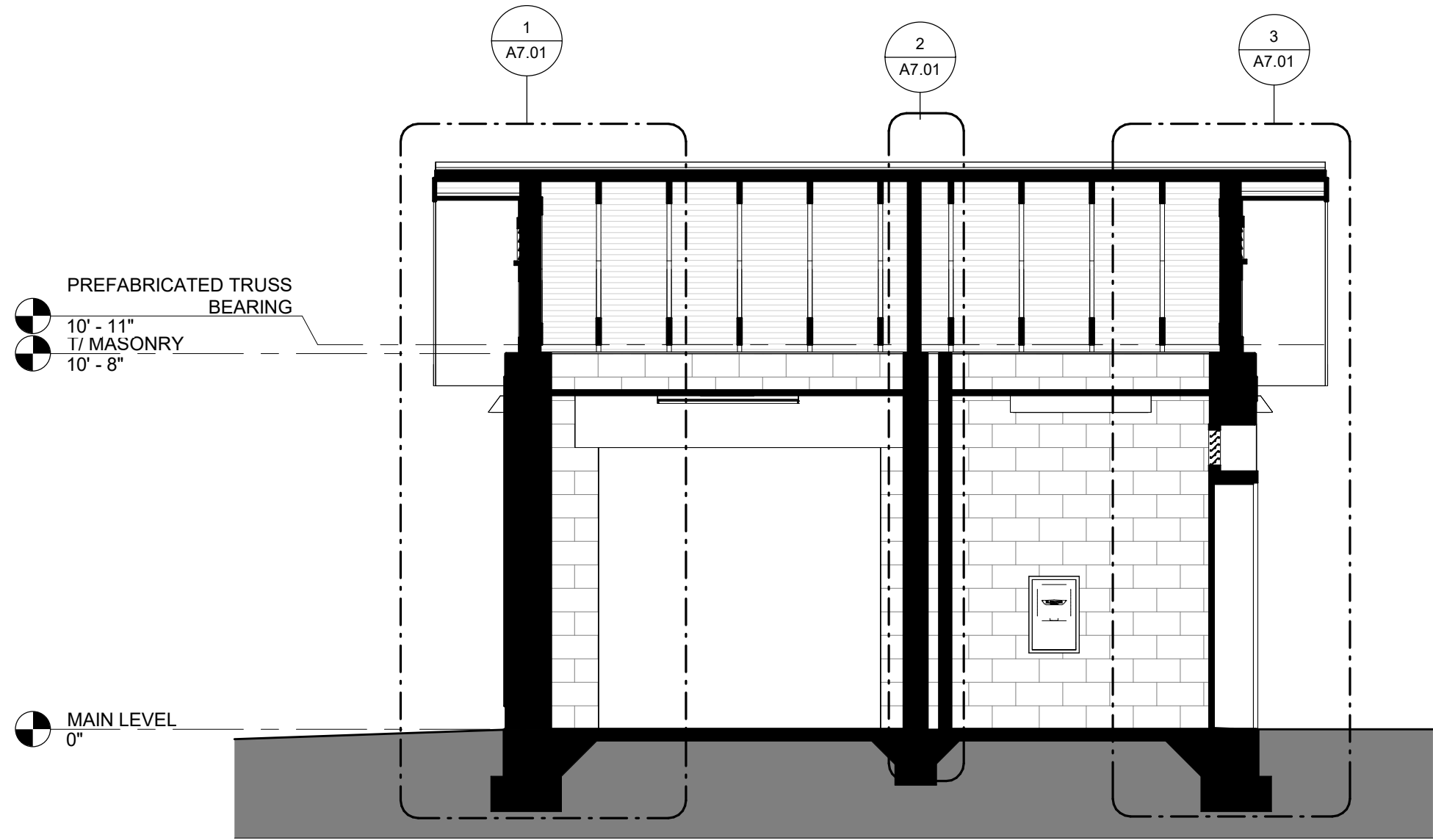
Revisions

Drawing

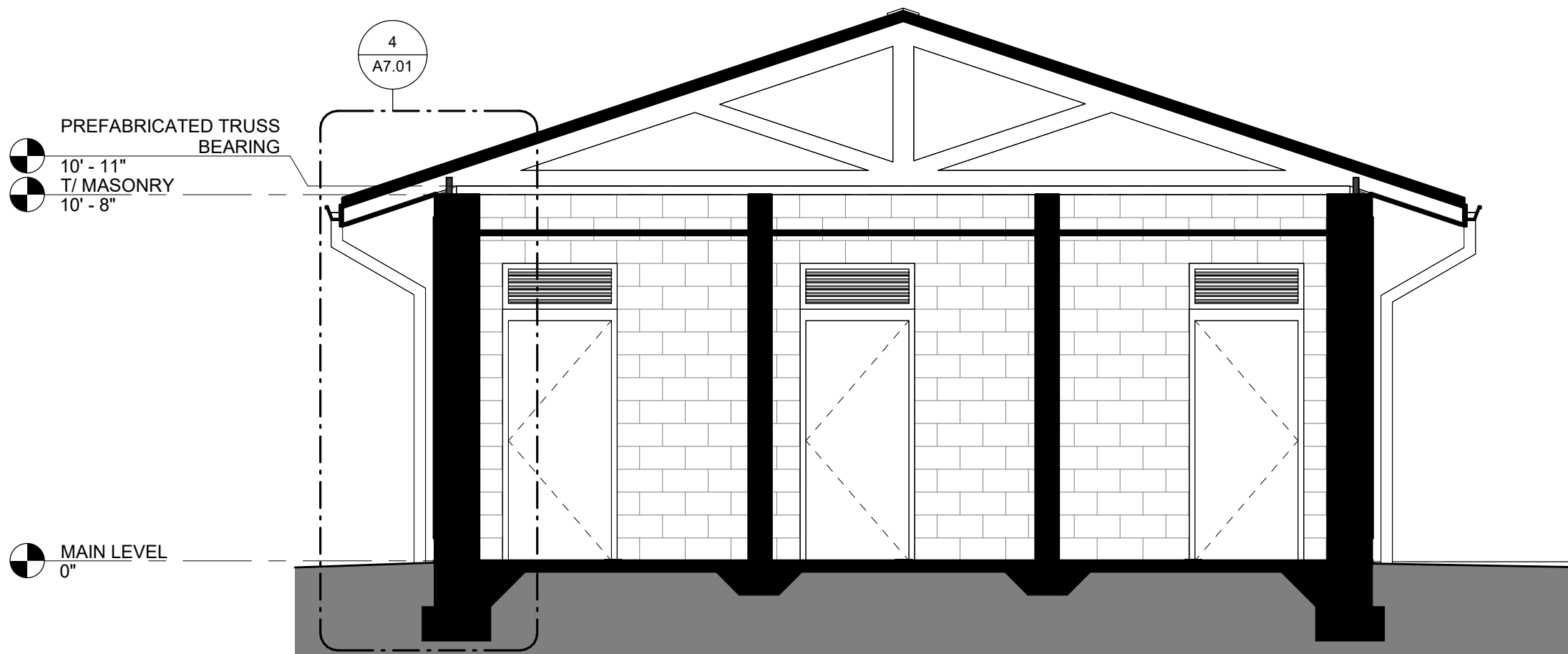
**EXTERIOR
ELEVATIONS**

A4.01

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1 TRANSVERSE SECTION
A5.01 1/4" = 1'-0"



2 LONGITUDINAL SECTION
A5.01 1/4" = 1'-0"

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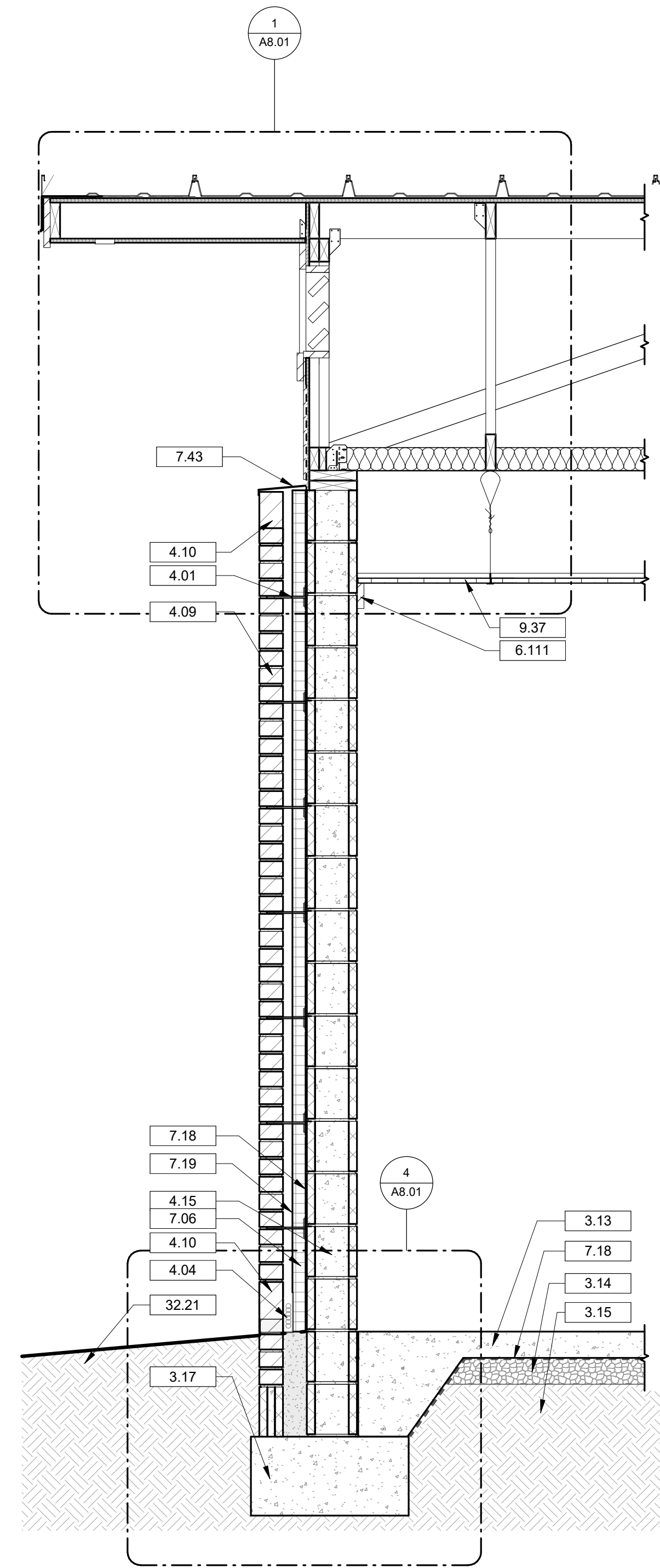
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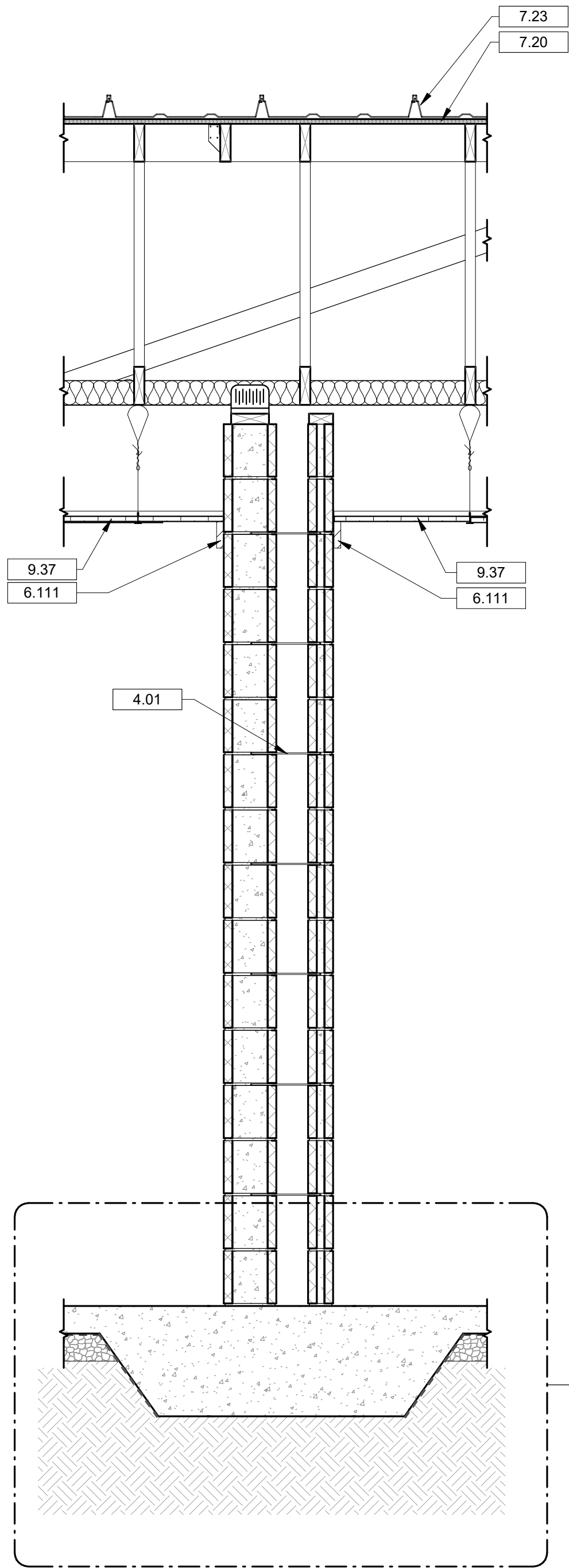
BUILDING SECTIONS

A5.01

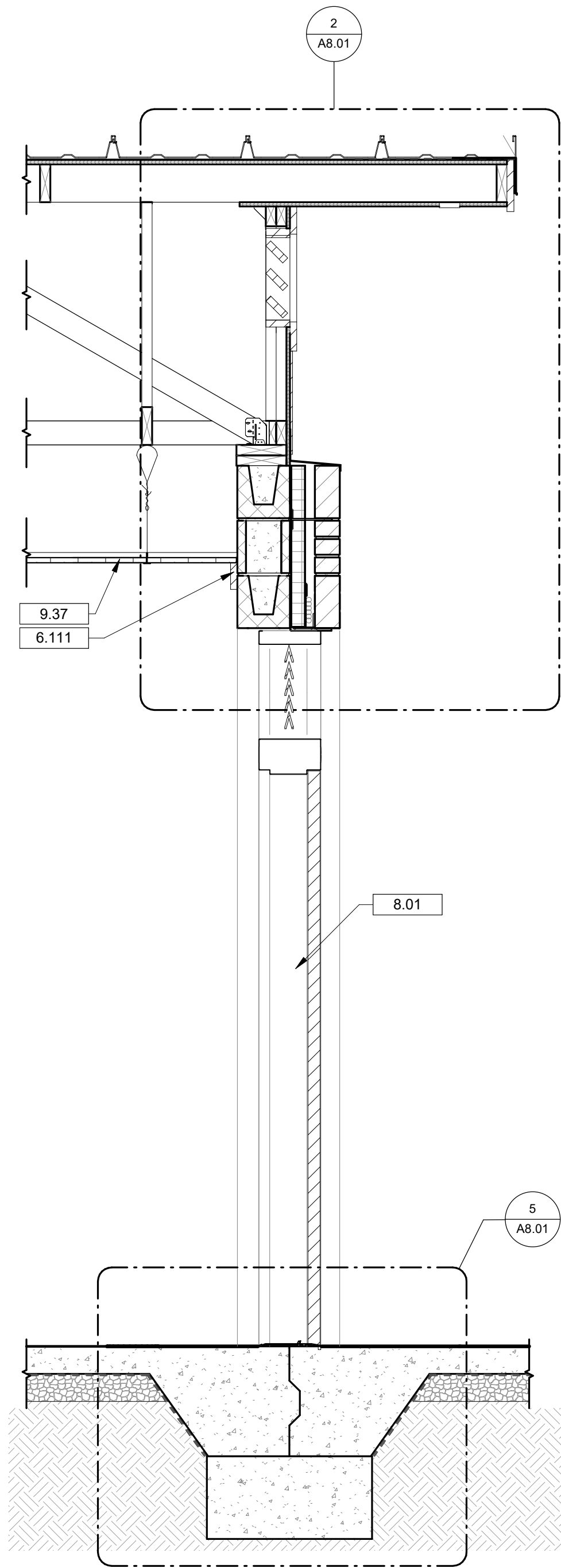
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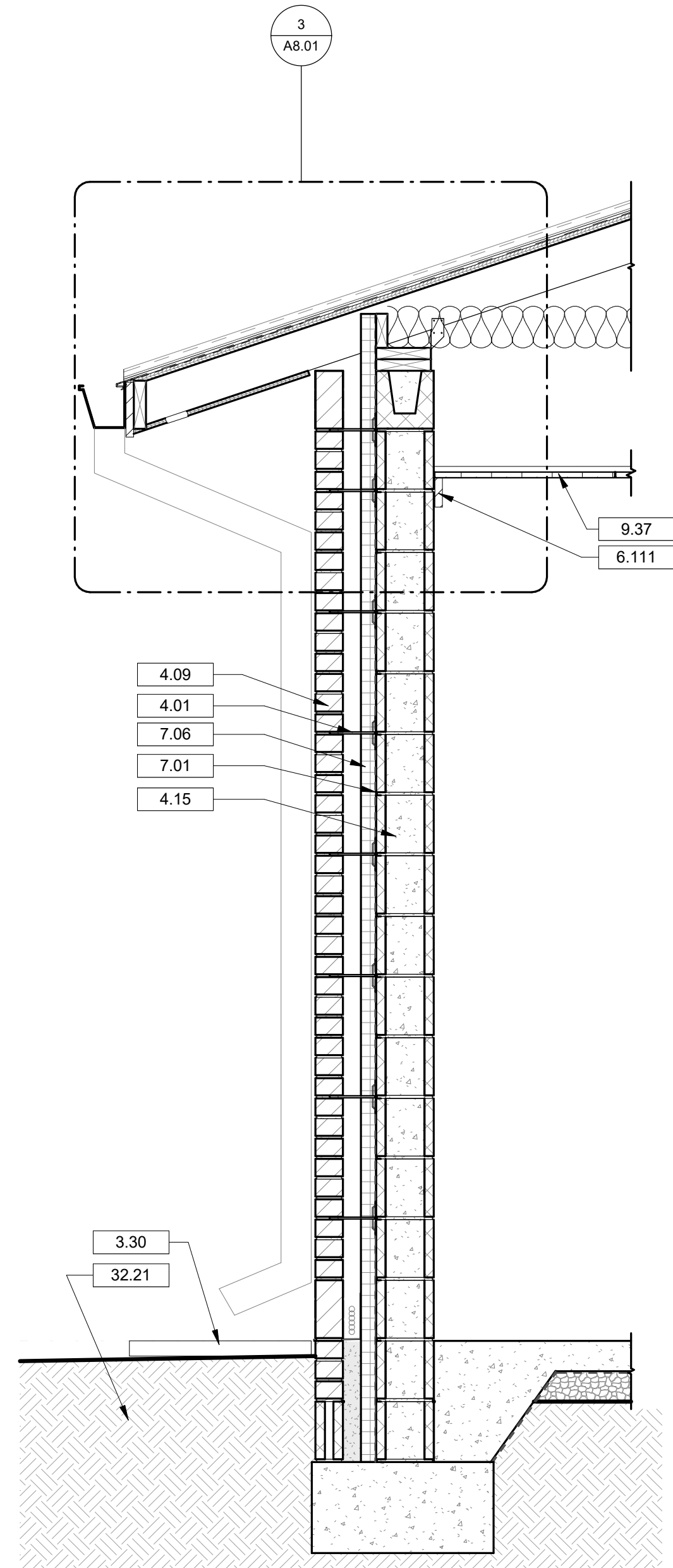
1 WALL SECTION
A7.01 3/4" = 1'-0"



2 WALL SECTION
A7.01 3/4" = 1'-0"



3 WALL SECTION
A7.01 3/4" = 1'-0"



4 WALL SECTION
A7.01 3/4" = 1'-0"

DRAWING NOTES

- 3.13 REINFORCED CONCRETE SLAB ON GRADE. REFER TO STRUCTURAL DRAWINGS.
- 3.14 COMPACTED STONE. REFER TO STRUCTURAL DRAWINGS.
- 3.15 COMPACTED FILL. REFER TO STRUCTURAL DRAWINGS.
- 3.17 CONCRETE FOOTING. REFER TO STRUCTURAL DRAWINGS FOR SIZE, TYPE OF REINFORCEMENT AND DEPTH.
- 3.30 SPLASH BLOCK.
- 4.01 MASONRY WALL TIE. REFER TO STRUCTURAL DRAWINGS FOR TYPE.
- 4.04 MASONRY WEEP AND VENTING ACCESSORY AT 16 INCHES ON CENTER. REFER TO SPECIFICATIONS.
- 4.09 BRICK VENEER. REFER TO EXTERIOR FINISH SCHEDULE.
- 4.10 BRICK VENEER SOLDIER COURSE. STYLE AND TYPE TO MATCH ADJACENT SURFACE UNLESS NOTED OTHERWISE.
- 4.15 EXTERIOR 8 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT. REFER TO STRUCTURAL DRAWINGS FOR REINFORCEMENT. REFER TO WALL TYPE SCHEDULE.
- 6.111 1X4 WOOD TRIM BOARD AT TOP OF WALL. PAINT TO MATCH ADJACENT WALL.
- 7.01 DAMPPROOFING. INSTALL PER MANUFACTURER'S INSTRUCTIONS. REFER TO SPECIFICATIONS.
- 7.06 RIGID INSULATION. REFER TO SPECIFICATIONS FOR R VALUE.
- 7.18 AIR/MOISTURE BARRIER.
- 7.19 AIR BARRIER.
- 7.20 BUILDING FELT.
- 7.23 PREFINISHED STANDING SEAM METAL ROOFING SYSTEM. REFER TO EXTERIOR FINISH SCHEDULE.
- 7.43 PREFINISHED METAL FLASHING.
- 8.01 HOLLOW METAL DOOR FRAME (WELDED). PAINT.
- 9.37 SUSPENDED FRAMING GRID SYSTEM. BASIS OF DESIGN: ARMSTRONG FRAMEALL MEETING ASTM C-1858 SEISMIC REQUIREMENTS FOR AREA. REFER TO STRUCTURAL DRAWINGS.
- 32.21 SLOPE GRADE 1/8" PER FOOT AWAY FROM BUILDING.

Seal



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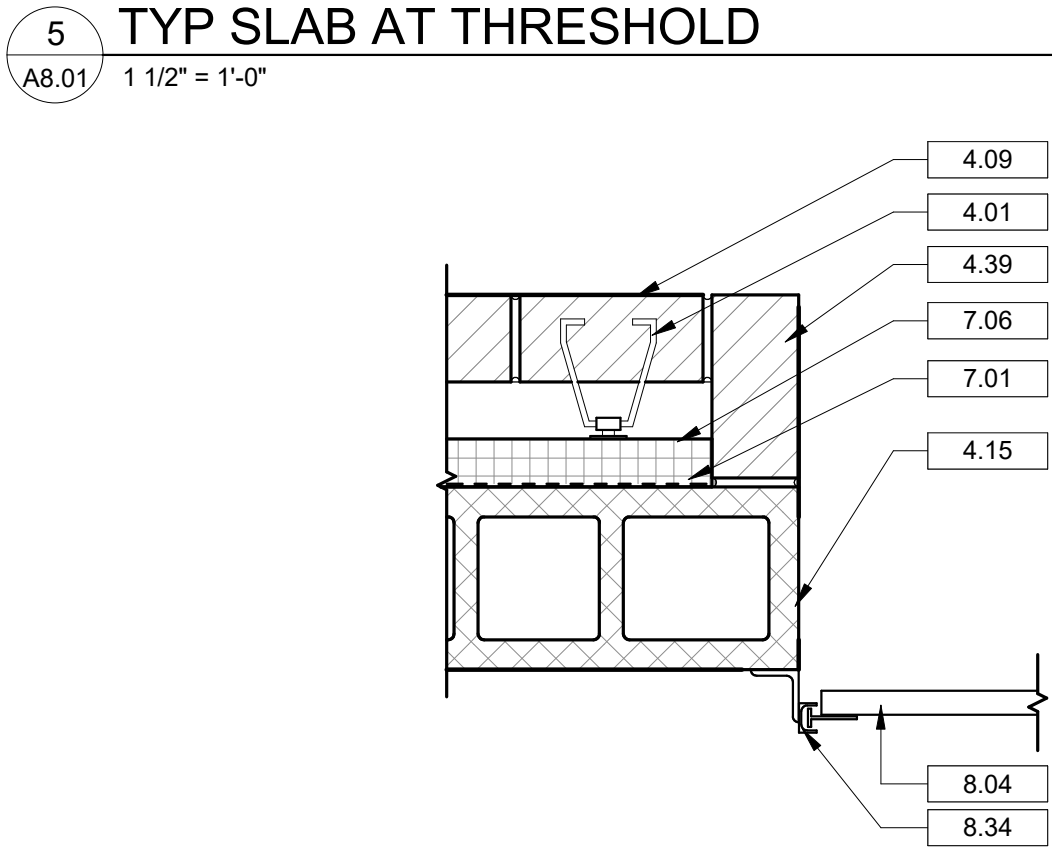
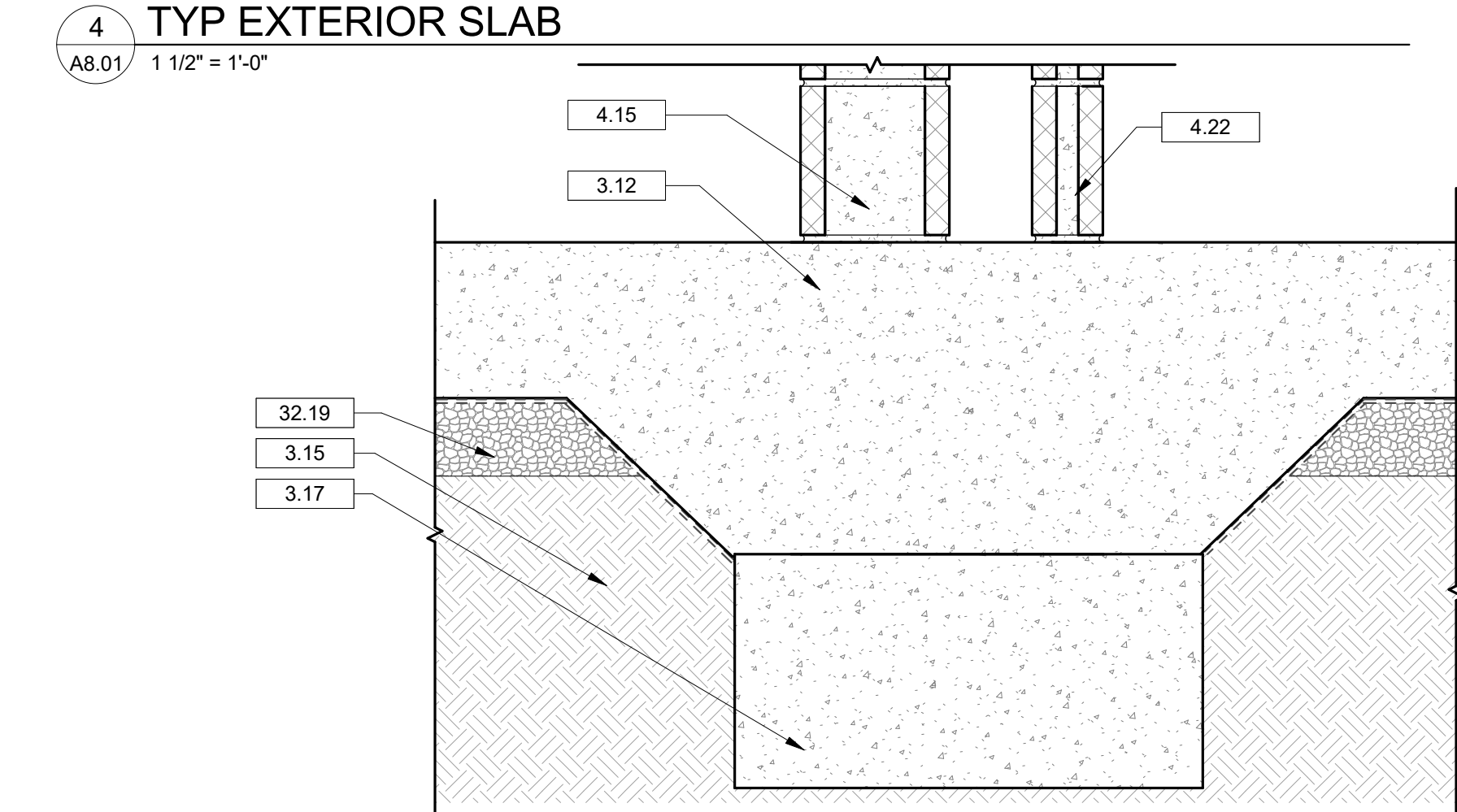
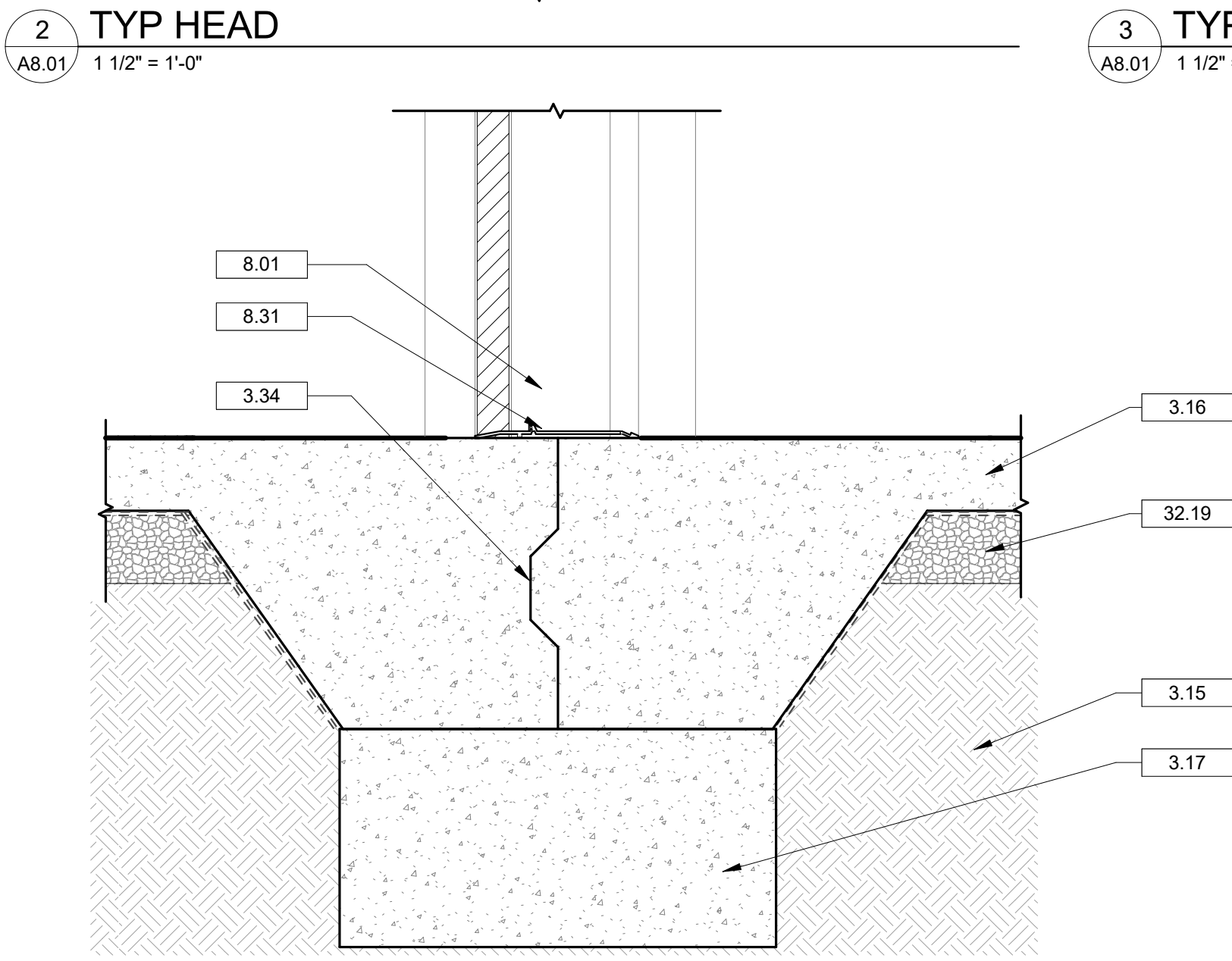
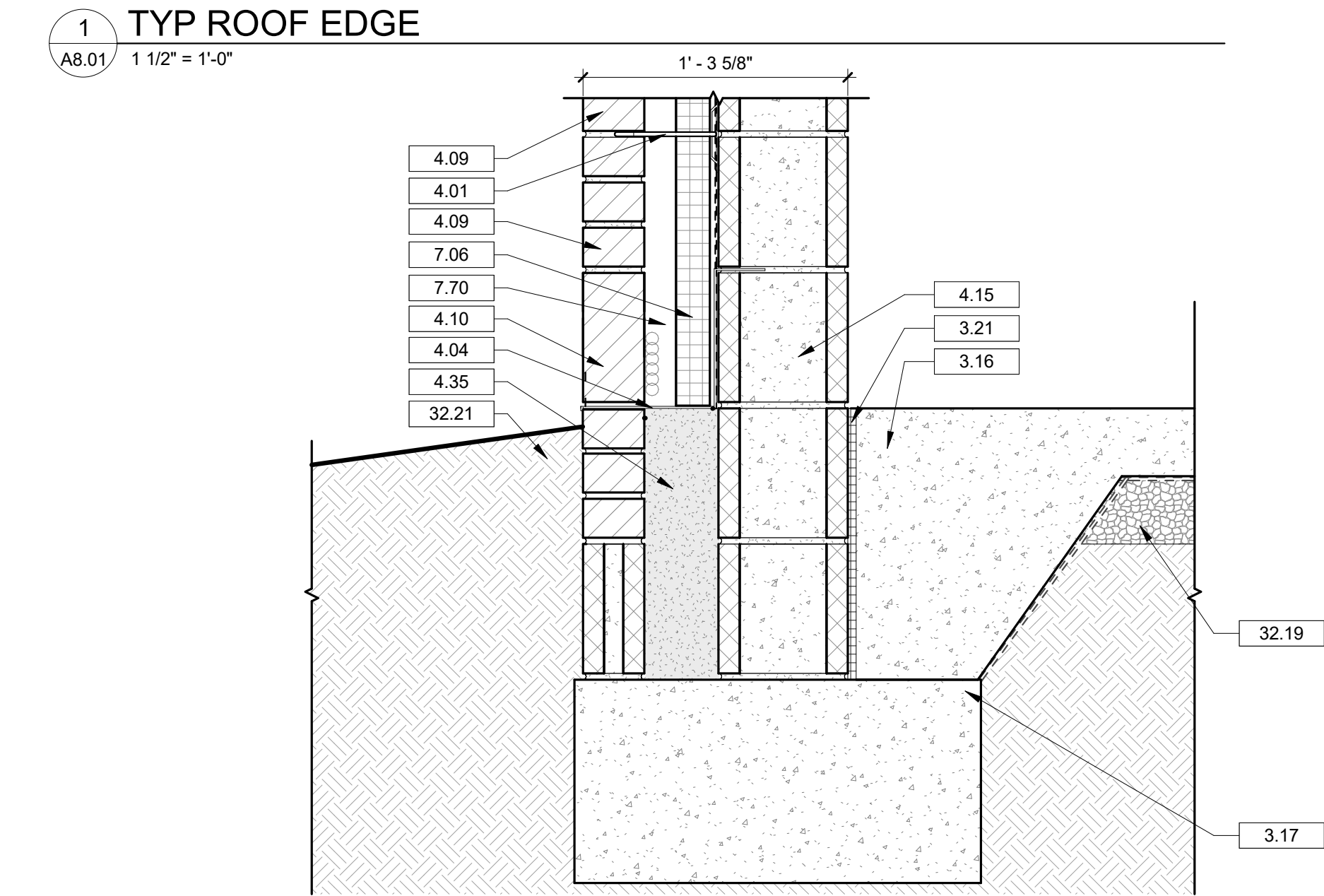
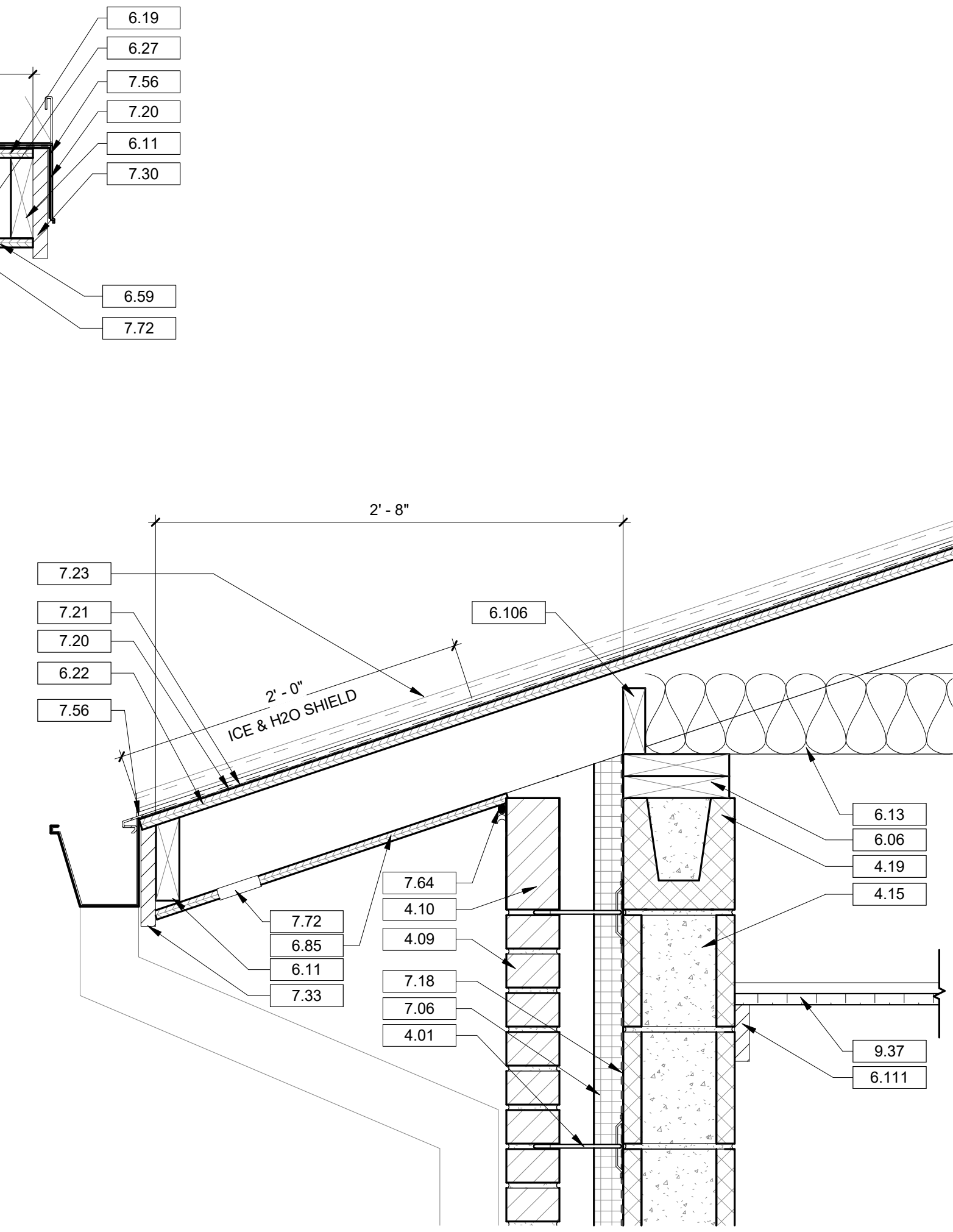
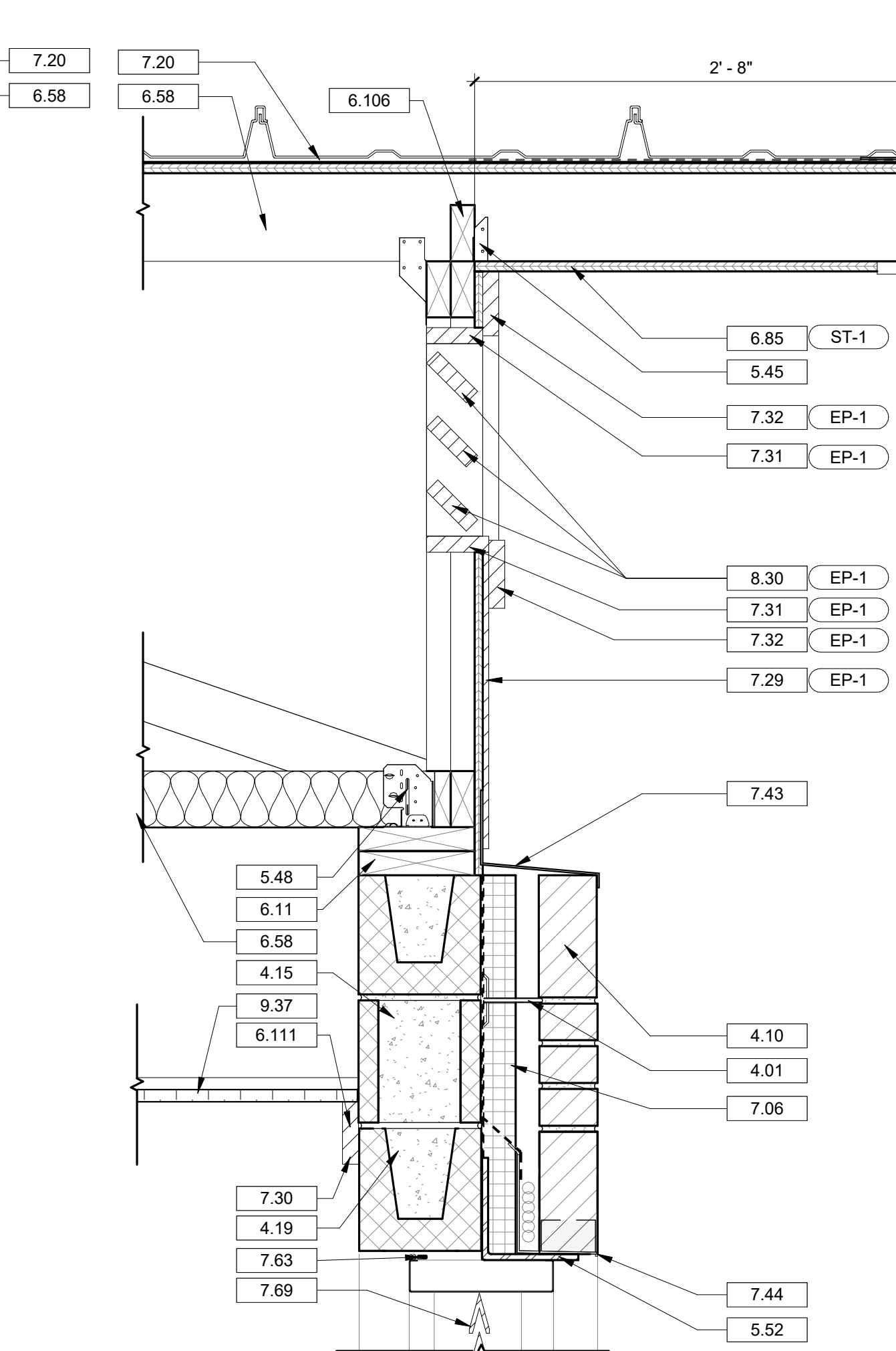
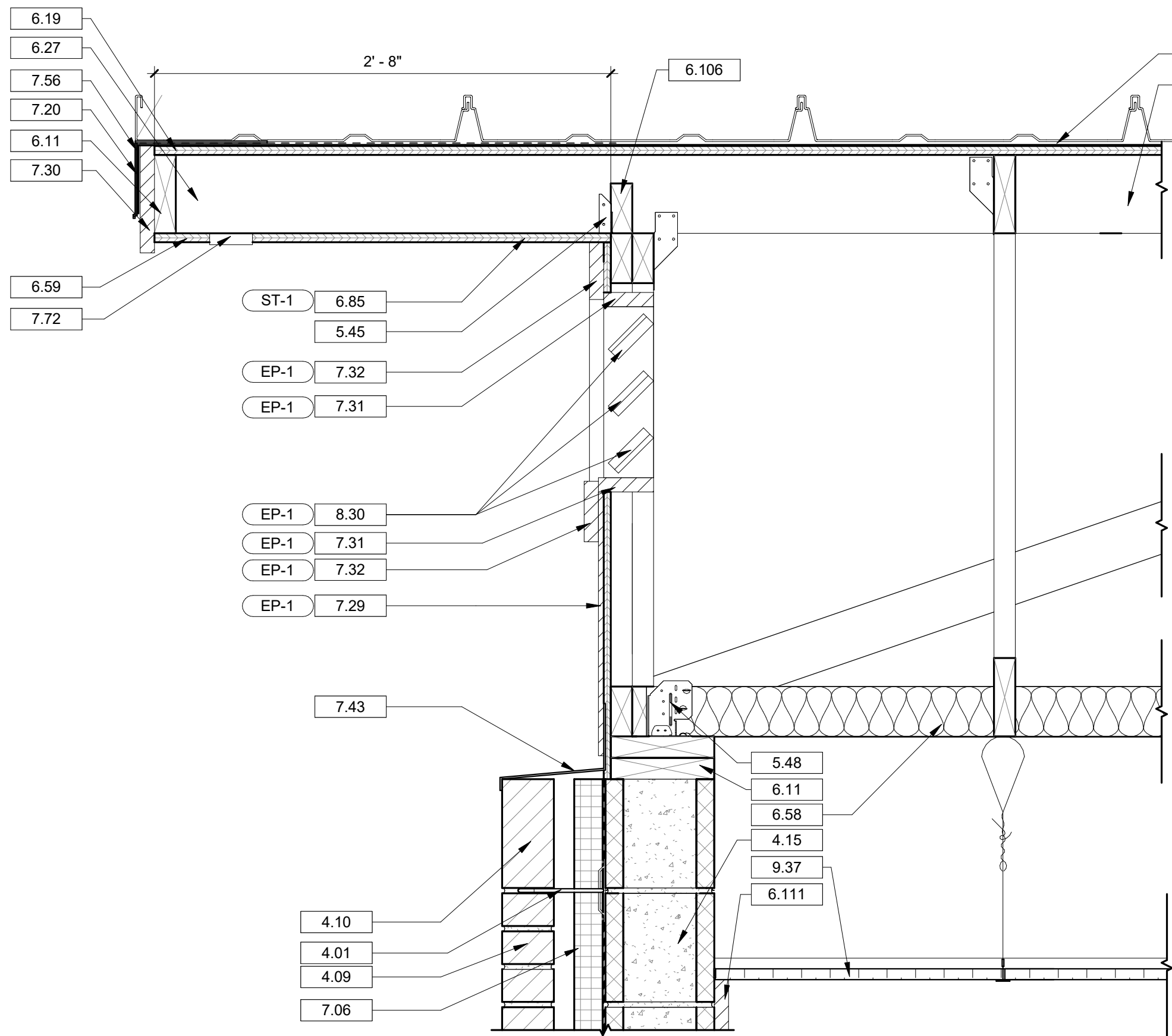
Revisions

Drawing

WALL SECTIONS

A7.01

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DRAWING NOTES

- 3.12 THICKENED CONCRETE SLAB. REFER TO STRUCTURAL DRAWINGS.
3.15 COMPACTED FILL. REFER TO STRUCTURAL DRAWINGS.
3.16 TURNED DOWN CONCRETE FOOTING. REFER TO STRUCTURAL DRAWINGS.
3.17 CONCRETE FOOTING. REFER TO STRUCTURAL DRAWINGS FOR SIZE, TYPE OF REINFORCEMENT AND DEPTH.
3.21 BOND BREAKER MATERIAL. REFER TO SPECIFICATIONS.
3.34 KEYED CONSTRUCTION JOINT. REFER TO STRUCTURAL DRAWINGS.
4.01 MASONRY WALL TIE. REFER TO STRUCTURAL DRAWINGS FOR TYPE.
4.04 MASONRY WEEP AND VENTING ACCESSORY AT 16 INCHES ON CENTER. REFER TO SPECIFICATIONS.
4.09 BRICK VENEER. REFER TO EXTERIOR FINISH SCHEDULE.
4.10 BRICK VENEER SOLDIER COURSE. STYLE AND TYPE TO MATCH ADJACENT SURFACE UNLESS NOTED OTHERWISE.
4.15 EXTERIOR 8 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT. REFER TO STRUCTURAL DRAWINGS FOR REINFORCEMENT. REFER TO WALL TYPE SCHEDULE.
4.19 CONCRETE MASONRY BOND BEAM. REFER TO STRUCTURAL DRAWINGS.
4.22 4 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT, RUNNING BOND.
4.35 GROUT SOLID BENEATH THRU WALL FLASHING. REFER TO STRUCTURAL DRAWINGS.
4.39 BRICK VENEER SOLDIER COURSE TRIM AROUND OVERHEAD DOOR OPENING. STYLE AND TYPE TO MATCH ADJACENT SURFACE UNLESS NOTED OTHERWISE.
5.45 HURRICANE TIE. REFER TO STRUCTURAL DRAWINGS.
5.48 GABLE BRACE CONNECTOR. REFER TO STRUCTURAL DRAWINGS.
5.52 METAL ANGLE BRICK MASONRY LINTEL. REFER TO STRUCTURAL DRAWINGS.
6.06 2 x 10 WOOD FRAMING.
6.11 2X PRESSURE TREATED WOOD NAILER.
6.13 PREFABRICATED WOOD TRUSS SYSTEM. REFER TO STRUCTURAL DRAWINGS.
6.19 SHEATHING. REFER TO STRUCTURAL DRAWINGS.
6.22 3/4 INCH PLYWOOD.
6.27 3/4 INCH TONGUE AND GROOVE WOOD BOARD DECKING. STAIN.
6.58 2X FRAMING. REFER TO STRUCTURAL DRAWINGS.
6.59 2X6 OUTRIGGER TO MATCH FRAMING OVER PICNIC SHELTER.
6.85 5/8 INCH GROOVED PLYWOOD SOFFIT, STAIN, GRADE. ORIENT GROOVES DOWN FOR EXPOSURE FROM BELOW.
6.106 HOLD BLOCKING 2" BELOW SHEATHING FOR VENTILATION.
6.111 1X4 WOOD TRIM BOARD AT TOP OF WALL. PAINT TO MATCH ADJACENT WALL.
7.01 DAMPPROOFING. INSTALL PER MANUFACTURER'S INSTRUCTIONS. REFER TO SPECIFICATIONS.
7.06 RIGID INSULATION. REFER TO SPECIFICATIONS FOR R VALUE.
7.18 AIR/MOISTURE BARRIER.
7.20 BUILDING FELT.
7.21 ICE AND WATER SHIELD. INSTALL AT ALL PENETRATIONS.
7.23 PREFINISHED STANDING SEAM METAL ROOFING SYSTEM. REFER TO EXTERIOR FINISH SCHEDULE.
7.29 CEMENTITIOUS VERTICAL PANEL. PAINT. REFER TO SPECIFICATIONS.
7.30 CEMENTITIOUS TRIM. PAINT. REFER TO SPECIFICATIONS.
7.31 CEMENTITIOUS TRIM 3 1/2 INCH. PAINT. REFER TO SPECIFICATIONS.
7.32 CEMENTITIOUS TRIM 5 1/2 INCH. PAINT. REFER TO SPECIFICATIONS.
7.33 CEMENTITIOUS TRIM 7 1/4 INCH. PAINT. REFER TO SPECIFICATIONS.
7.43 PREFINISHED METAL FLASHING.
7.44 THROUGH-WALL FLASHING.
7.56 METAL DRIP EDGE AT ROOF PERIMETER.
7.63 BACKER ROD WITH SEALANT.
7.64 SEALANT. CONTINUOUS. REFER TO SPECIFICATIONS.
7.69 OUTSIDE AIR LOUVER. REFER TO MECHANICAL DRAWINGS.
7.70 AIR SPACE WITH 12" HIGH MORTAR CAVITY MESH.
7.72 SOFFIT VENT. BASIS OF DESIGN: CLARK DIETRICH, C558-300V, COLOR: BROWN.
8.01 HOLLOW METAL DOOR FRAME (WELDED). PAINT.
8.04 OVERHEAD DOOR.
8.30 ARCHITECTURAL WOOD SCREEN. 2X4 PRESSURE TREATED FRAME WITH 1X4 PRESSURE TREATED LOUVERS. ANGLE OF LOUVERS TO BE 45 DEGREES. SPACE 4" BOTTOM OF LOUVER TO BOTTOM OF LOUVER. PROVIDE INSECT SCREEN ON ATTIC SIDE. PAINT.
8.31 THRESHOLD IN CONTINUOUS BED SEALANT.
8.34 OVERHEAD DOOR TRACK. FACE MOUNT AT CMU PER MANUFACTURER STANDARD DETAILS.
9.37 SUSPENDED FRAMING GRID SYSTEM. BASIS OF DESIGN: ARMSTRONG FRAMEALL MEETING ASTM C-1858 SEISMIC REQUIREMENTS FOR AREA. REFER TO STRUCTURAL DRAWINGS.
32.19 GRANULAR BASE. REFER TO STRUCTURAL DRAWINGS.
32.21 SLOPE GRADE 1/8" PER FOOT AWAY FROM BUILDING.

Seal



JULY 31, 2025

DP3
ARCHITECTS

DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com

Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23235-B
Drawn By LTG
Checked By RHW
Date 31 JUL 2025

Revisions

Drawing

DETAILS

A8.01

DOOR SCHEDULE

MARK	LOCATION	TYPE	HEIGHT	DOOR WIDTH	MATERIAL	HARDWARE SET	FRAME TYPE	MATERIAL
101A	STORAGE	D1	7'-0"	3'-0"	HM	2	DF2	HM
101B	STORAGE	D2	8'-0"	8'-0"	HM	2	-	HM
102	RR	D1	7'-0"	3'-0"	HM	1	DF1	HM
103	RR	D1	7'-0"	3'-0"	HM	1	DF1	HM
104	RR	D1	7'-0"	3'-0"	HM	1	DF1	HM

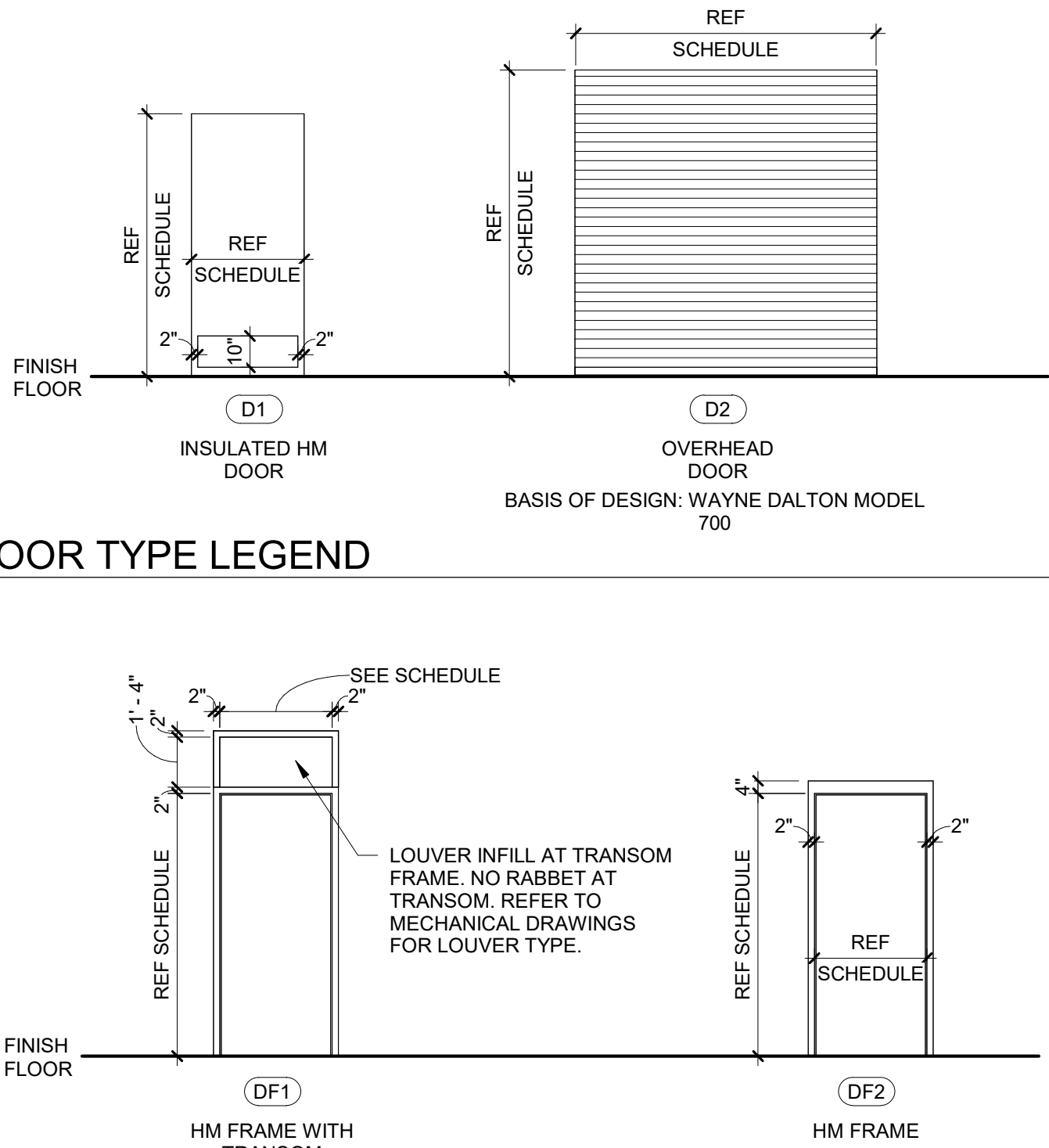
HARDWARE SCHEDULE

QUANTITY	ITEM
HARDWARE SET 1 - EXTERIOR RESTROOM DOOR - SINGLE	
3	NRP BALL BEARING HINGES
1	INTERCHANGEABLE CORE
1	PROGRAMMABLE LOCKSET
1	CLOSER
1	KICKPLATE (10"H X 2" LWOD)
1	MOP PLATE (4"H X 2" LWOD)
1	WALL STOP
1	THRESHOLD
1	WEATHERSTRIPPING
3	SILENCERS
HARDWARE SET 2 - EXTERIOR STORAGE - SINGLE	
3	NRP BALL BEARING HINGES
1	MORTISE STOREROOM LOCKSET
1	INTERCHANGEABLE CORE
1	CLOSER
1	KICKPLATE
1	MOP PLATE
1	DOOR SWEEP
1	THRESHOLD
1	WEATHERSTRIPPING
3	SILENCERS

HARDWARE SCHEDULE NOTES

ITEM	MANUFACTURER
HARDWARE MANUFACTURERS (BASIS OF DESIGN) (FINISH 613)	
BUTTS	IVES
LOCKSETS / LATCHSETS	SCHLAGE
PROGRAMMABLE LOCKSET	CODE LOCKS - CL5510 SMARTLOCK
EXIT DEVICES	VON DUPRIN
CLOSERS	LCN
KICKPLATE	IVES
MOP PLATE	IVES
DOOR STOPS	IVES
THRESHOLD	ZERO INTERNATIONAL
WEATHERSTRIPPING	ZERO INTERNATIONAL
SILENCERS	IVES

DOOR TYPE LEGEND



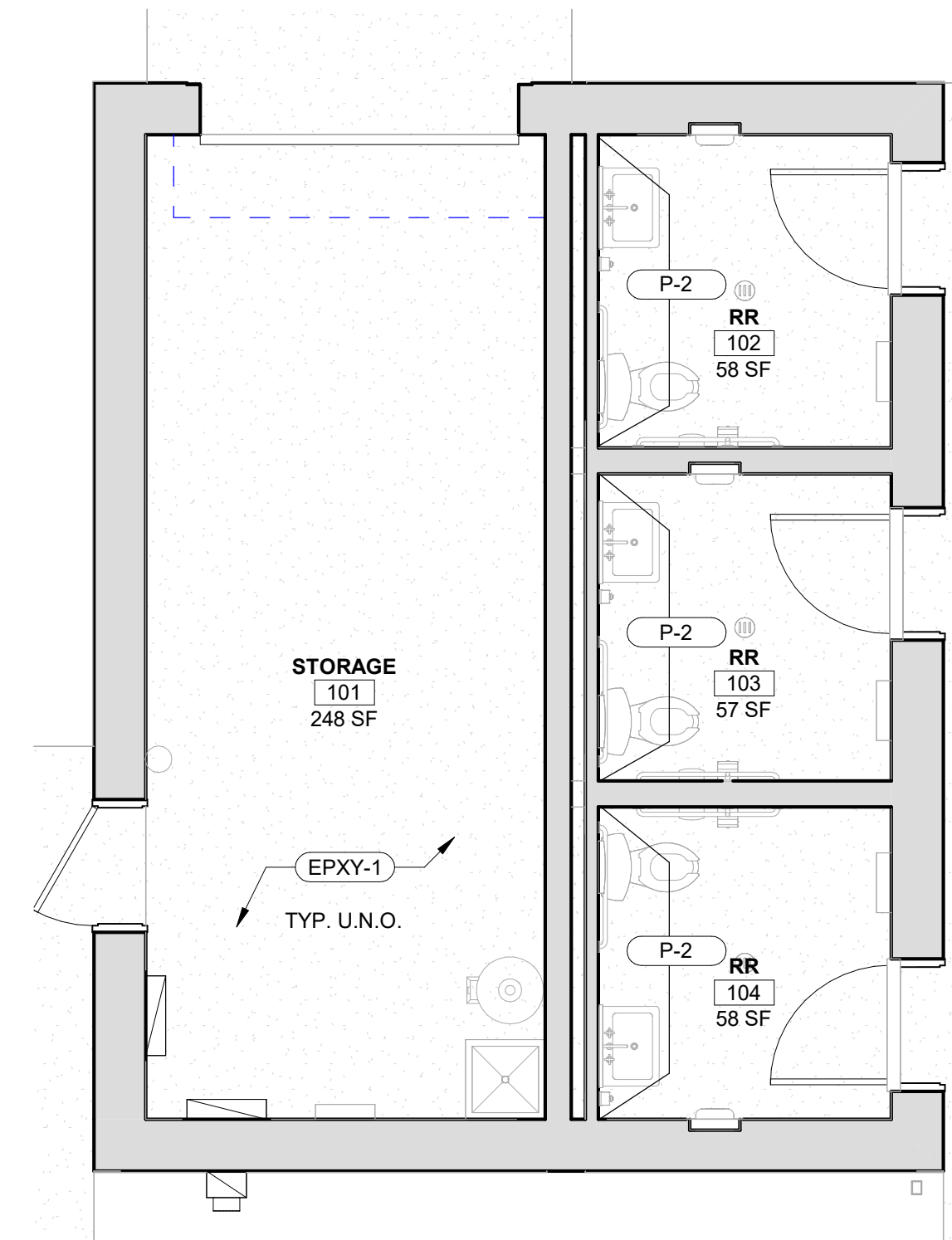
FRAME TYPE LEGEND

ROOM FINISH SCHEDULE

NUMBER	NAME	FLOOR		WALLS				CEILING
		FINISH	BASE	NORTH	SOUTH	WEST	EAST	
101	STORAGE	EPXY-1	N/A	P-1	P-1	P-1	P-1	P-3
102	RR	EPXY-1	N/A	P-1	P-1	P-2	P-1	P-3
103	RR	EPXY-1	N/A	P-1	P-1	P-2	P-1	P-3
104	RR	EPXY-1	N/A	P-1	P-1	P-2	P-1	P-3

INTERIOR FINISH LEGEND

FLOOR	SEAL CONCRETE WITH SHERWIN WILLIAMS ARMORSEAL 8100
EPXY-1	WATERBASED EPOXY FLOOR COATING CLEAR SATIN, B70T08164/B70V8100 NOTE: SEAL TO PROTECT DURING CONSTRUCTION. CONCRETE TO BE PROTECTED AND KEPT CLEAN AT ALL TIMES DURING CONSTRUCTION. ONCE BUILDING IS IN THE DRY, SAND OFF CONSTRUCTION SEALER AND CLAY TO A LEVEL B EXPOSURE, AND THOROUGHLY CLEAN SLAB. SEAL WITH 2 COATS. CLEAN AND FILL FLOOR JOINTS WITH A TWO-PART EPOXY FLOOR JOINT FILLER.
P-1	MFTG: SHERWIN WILLIAMS PRODUCT: PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY EG-SHEL COLOR: SW7531 CANVAS TAN EG-SHEL FINISH (CMU WALLS & HOLLOW METAL DOOR FRAMES) NOTE: WHEN USED ON CMU - WALL IS TO RECEIVE ONE COAT HEAVY DUTY BLOCK FILLER BEFORE PAINTING LOCATION: FIELD PAINT
P-2	MFTG: SHERWIN WILLIAMS PRODUCT: PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY EG-SHEL COLOR: SW9057 AQUITAINE EG-SHEL FINISH (CMU WALLS & HOLLOW METAL DOOR FRAMES) NOTE: WHEN USED ON CMU - WALL IS TO RECEIVE ONE COAT HEAVY DUTY BLOCK FILLER BEFORE PAINTING LOCATION: WET WALLS
P-3	MFTG: SHERWIN WILLIAMS COLOR: SW 7757 HIGH REFLECTIVE WHITE FINISH: FLAT LOCATION: INTERIOR CEILINGS



GENERAL DOOR AND WINDOW NOTES

- A. PROVIDE TEMPERED GLAZING WHERE REQUIRED BY CODE.
- B. ALL INTERIOR GLAZING TO BE 1/4" CLEAR GLAZING
- C. KEYING TO BE DETERMINED BY OWNER.

GENERAL FINISH NOTES

- A. ALL INTERIOR FINISH SPECIFICATIONS AS REQUIRED OF THE ARCHITECT ARE INCLUDED HEREIN. SHOULD THERE BE DISCREPANCIES OR OMISSIONS, THE ARCHITECT IS TO BE CONSULTED BEFORE PROCEEDING. THE ARCHITECT IS NOT RESPONSIBLE FOR DISCREPANCIES OR OMISSIONS THAT ARISE DUE TO CHANGES BY THE CONTRACTOR, CONSULTANTS, OR OWNERS AFTER DATE OF DRAWINGS UNLESS NOTED AS A REVISION ON DRAWINGS.
- B. PROVIDE ALL FINISHES AND MATERIALS AS SPECIFIED IN THE FINISH LEGEND. NO SUBSTITUTIONS WILL BE ACCEPTED.
- C. SHOULD THERE BE ANY DISCONTINUED OR DELAYED MATERIALS, THE ARCHITECT / INTERIOR DESIGNER IS TO BE NOTIFIED IMMEDIATELY AND CONSULTED BEFORE PROCEEDING.
- D. IF ANY ITEMS ARE IDENTIFIED REQUIRING SELECTION NOT ADDRESSED IN THESE DRAWINGS, NOTIFY THE ARCHITECT / INTERIOR DESIGNER IMMEDIATELY AND PROVIDE SAMPLES OF COLOR/FINISH OPTIONS, CLEARLY IDENTIFYING ANY COST ABOVE BASE BID.
- E. PROVIDE SAMPLES AND SHOP DRAWINGS/SEAMING DIAGRAMMS FOR ALL FINISHES FOR APPROVAL PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH WORK.
- F. IF ANY DEFECTS ARE DISCOVERED IN MATERIALS (SUCH AS SHADING INCONSISTENCIES, SEAM MISMATCHING, ETC), NOTIFY THE ARCHITECT / INTERIOR DESIGNER IMMEDIATELY. DO NOT PROCEED WITH WORK.
- G. TEST SUBSTRATES FOR APPROPRIATE MOISTURE LEVELS PRIOR TO INSTALLING MATERIALS.
- H. INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS/RECOMMENDATIONS AND INDUSTRY STANDARDS.
- I. PROTECT EXPOSED CONCRETE SLABS FROM MUD AND OIL STAINS. ALL STAINS MUST BE COMPLETELY REMOVED FROM CONCRETE.
- J. ALL FLOORING TRANSITIONS TO BE COMPLIANT WITH ADA AND LOCAL ACCESSIBILITY REQUIREMENTS. SHOULD REQUIREMENTS BE IN CONFLICT, THE MORE STRINGENT SHALL BE FOLLOWED.
- K. ALL FLOORING TRANSITIONS BETWEEN ROOMS TO OCCUR UNDER CENTERLINE OF DOOR IN CLOSED POSITION.
- L. IF SURFACES ARE NOT ACCEPTABLE TO RECEIVE FINISHES, CONTRACTOR SHALL HAVE SURFACES CORRECTED BEFORE BEGINNING FINISH APPLICATION.
- M. PRIME ALL SURFACES PRIOR TO APPLYING FINAL PAINT FINISHES.
- N. PAINT ALL VERTICAL AND HORIZONTAL SURFACES OF SOFFITS WITH SPECIFIED FINISH, UNLESS NOTED OTHERWISE.
- O. PAINT 4'X4' AREAS IN SPECIFIED SPACES WITH ADEQUATE LIGHTING, FOR EACH COLOR SPECIFIED FOR APPROVAL BY THE ARCHITECT / INTERIOR DESIGNER PRIOR TO BEGINNING WORK. SAMPLE AREAS SHALL HAVE THE SAME FINISH AND NUMBER OF COATS AS REQUIRED FOR THE ACTUAL WORK.
- P. ALL SURFACES SHALL RECEIVE A FINISH, WHETHER NOTED OR NOT. ITEMS NOT NOTED WILL BE SELECTED BY THE ARCHITECT DURING CONSTRUCTION.
- Q. ALL COVER PLATES (DATA, LIGHTS, TELEPHONE, ETC.) TO BE STAINLESS STEEL. ALL DEVICES TO BE GREY, UNLESS NOTED OTHERWISE.

ATTIC STOCK

THE CONTRACTOR SHALL DELIVER TO THE OWNER THE SPARE PARTS, EXTRA STOCK AND MAINTENANCE MATERIALS LISTED BELOW. MATERIALS SHALL BE NEATLY PACKAGED AND IDENTIFIED.

P-1	(1) FULL GALLON EACH COLOR AND TYPE OF PAINT OR STAIN
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Seal



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NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23235-B
Drawn By LTG
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Date 31 JUL 2025

Revisions

Drawing

FINISH, DOOR &
HARDWARE
SCHEDULES &
LEGENDS

A10.01

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GENERAL

- A. USE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND SHOP DRAWINGS.
- B. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL CONTRACT DOCUMENTS AND LATEST ADDENDA, AS WELL AS SUBMITTING TO ALL SUBCONTRACTORS AND SUPPLIERS PRIOR TO SUBMITTING SHOP DRAWINGS.
- C. DO NOT SCALE DRAWINGS OR AUTO-DIMENSION ELECTRONIC FILES. NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES IN WRITING PRIOR TO FABRICATION OR CONSTRUCTION.
- D. COMPARE ALL CONTRACT DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN DISCIPLINES, AND WITHIN A GIVEN DISCIPLINE, TO THE ARCHITECT AND ENGINEER PRIOR TO FABRICATION AND ERECTION.
- E. IF A CONFLICT EXISTS AMONG THE STRUCTURAL DRAWINGS OR GENERAL NOTES, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, GOVERNS.
- F. COORDINATE ALL ELEVATIONS AND DIMENSIONS, INCLUDING BUT NOT LIMITED TO, OPENINGS IN WALLS AND IN ROOF AND FLOOR SYSTEMS, WITH THE ARCHITECTURAL, PLUMBING, ELECTRICAL, AND MECHANICAL PLANS.
- G. VERIFY ALL DIMENSIONS, ELEVATIONS, AND ANY OTHER EXISTING CONDITIONS. NOTIFY THE ARCHITECT AND ENGINEER OF DISCREPANCIES BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. DURING THE CONSTRUCTION PROCESS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE AND TO PROTECT FROM DAMAGE ANY PORTIONS THAT REMAIN. THE SHORING AND BRACING SHOWN (IF ANY) IS A PARTIAL AND SCHEMATIC REPRESENTATION. DETERMINE THE ERECTION PROCEDURE TO ENSURE THE STABILITY AND SAFETY OF THE BUILDING AND ITS LIVE LOADS DURING CONSTRUCTION.
- H. THE COMPLETED LATERAL-FORCE RESISTING SYSTEMS (LFRS), INCLUDING THE DIAPHRAGMS, ARE REQUIRED TO RESIST LATERAL LOADS AND PROVIDE STABILITY UNDER GRAVITY LOADS. DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR ALL BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS UNTIL THE LATERAL-LOAD RESISTING OR STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER.
- I. UNLESS NOTED OTHERWISE, DETAILS SHOWN ARE TYPICAL FOR ALL SIMILAR CONDITIONS.
- J. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS, AS WELL AS SAFETY PRECAUTIONS AND PROGRAMS.
- K. BRITT, PETERS & ASSOCIATES, INC. IS NOT RESPONSIBLE FOR ACTS OR OMISSIONS OF THE CONTRACTOR, NOR FAILURE TO PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- L. PERIODIC SITE OBSERVATION BY BRITT, PETERS & ASSOCIATES, INC. IS FOR DETERMINING IF THE WORK IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. STRUCTURAL OBSERVATIONS ARE NOT INTENDED AS QUALITY CONTROL (CONTRACTOR'S RESPONSIBILITY), QUALITY ASSURANCE (SPECIAL INSPECTOR'S RESPONSIBILITY), NOR TO CONFIRM THE QUALITY OR QUANTITY OF THE WORK.
- M. THE BUILDING OWNER IS RESPONSIBLE FOR PERIODIC MAINTENANCE TO ENSURE STRUCTURAL INTEGRITY. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, STEEL/CONCRETE COATINGS, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS, AND CRACKS IN CONCRETE, AND CLEANING OF EXPOSED STRUCTURAL ELEMENTS.

DESIGN CRITERIA

- A. STRUCTURAL DRAWINGS ARE BASED ON THE REQUIREMENTS OF THE 2021 INTERNATIONAL BUILDING CODE, 2021 SOUTH CAROLINA BUILDING CODE AND THE REFERENCED SECTIONS WITHIN.
- B. LIVE LOADS:
1. LIVE LOADS ARE BASED ON THE MORE RESTRICTIVE OF THE UNIFORM LOAD OR THE CONCENTRATED LOAD LISTED ACTING OVER A 6.25 SQUARE FOOT AREA. LIVE LOADS HAVE BEEN REDUCED AS PRESCRIBED IN THE AFOREMENTIONED BUILDING CODE.

LIVE LOADS		
CATEGORY	UNIFORM LOAD (PSF)	CONCENTRATED LOAD (LBS)
ROOFS: ALL ROOF SURFACES SUBJECT TO WORKERS		300
ROOFS: ORDINARY ROOF	20	

- C. DESIGN SNOW LOADS:
1. GROUND SNOW LOAD: P_g 10 PSF
2. FLAT ROOF SNOW LOAD: P_f 12 PSF
3. SNOW EXPOSURE FACTOR: C_e 0.9
4. SNOW THERMAL FACTOR: C_t 1.0
5. SLOPE FACTOR: C_s 1.0
6. SNOW IMPORTANCE FACTOR: I_s 1.0
7. RAIN-ON-SNOW SURCHARGE: 5 PSF
- D. DESIGN WIND LOADS:
1. BASIC WIND SPEED: V_{ult} 110 MPH (3-SEC GUST)
2. BASIC WIND SPEED: V_{asd} 85 MPH (3-SEC GUST)
3. RISK CATEGORY: II
4. WIND EXPOSURE: B
5. INTERNAL PRESSURE COEFF: $G C_{pi}$ ±0.18
6. COMPONENTS & CLADDING WIND PRESSURES (ULTIMATE):

Ultimate Design Wind Pressure (psf):								
			Effective Wind Area (sq ft)					
Walls:			10	20	50	100	200	500
Interior	Zone 4	+	26.4	25.2	23.6	22.4	21.2	19.7
		-	-28.6	-27.4	-25.9	-24.7	-23.5	-21.9
Edge	Zone 5	+	26.4	25.2	23.6	22.4	21.2	19.7
		-	-35.3	-32.9	-29.8	-27.4	-25.0	-21.9
Roof:			10	20	50	100	200	500
Interior	Zone 1	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-37.5	-37.5	-32.3	-28.3	-24.2	-21.9
Edge	Zone 2r	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-59.9	-52.5	-42.6	-35.2	-30.8	-30.8
Edge	Zone 2e	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-37.5	-37.5	-32.3	-28.3	-24.2	-21.9
Edge	Zone 2n	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-59.9	-52.5	-42.6	-35.2	-30.8	-30.8
Corner	Zone 3r	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-59.9	-52.5	-42.6	-35.2	-30.8	-30.8
Corner	Zone 3e	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-69.9	-58.8	-44.3	-44.3	-44.3	-44.3
Overhang:			10	20	50	100	200	500
Edge	Zone 2r	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-67.1	-62.5	-56.4	-51.8	-49.2	-49.2
Edge	Zone 2e	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-44.7	-44.7	-43.2	-42.0	-40.9	-40.2
Edge	Zone 2n	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-67.1	-62.5	-56.4	-51.8	-49.2	-49.2
Corner	Zone 3r	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-84.5	-73.6	-59.2	-48.4	-42.0	-42.0
Corner	Zone 3e	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-89.6	-74.9	-55.4	-55.4	-55.4	-55.4

- WIDTH OF ZONE, a = 3 FT
- E. SEISMIC LOADS:
1. RISK CATEGORY: II
2. SEISMIC IMPORTANCE FACTOR: I_e 1.0
3. SHORT PERIOD SPECTRAL RESPONSE ACCELERATION: S_s 0.325 g
4. 1-SEC PERIOD SPECTRAL RESPONSE ACCELERATION: S_1 0.163 g
5. SITE CLASS: D (ASSUMED)
6. SHORT PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION: S_{DS} 0.334 g
7. 1-SEC PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION: S_{D1} 0.163 g
8. SEISMIC DESIGN CATEGORY: C
9. BASIC SEISMIC-FORCE RESISTING SYSTEM: INTERMEDIATE REINFORCED MASONRY SHEAR-WALLS
10. DESIGN BASE SHEAR: V LANGFORD 9K
MAIN 9K
TOWN CENTER 7K
11. SEISMIC RESPONSE COEFFICIENT: C_s 0.10
12. RESPONSE MODIFICATION FACTOR: R 3.5
13. ANALYSIS PROCEDURE: ELF PROCEDURE
- F. VERIFY ALL MECHANICAL EQUIPMENT WEIGHTS, LOCATIONS, AND ASSOCIATED OPENINGS WITH THE MECHANICAL CONTRACTOR, AND SUBMIT INFORMATION PRIOR TO FABRICATION OF THE SUPPORTING STRUCTURE. NOTIFY THE ENGINEER IF THE ACTUAL WEIGHT EXCEEDS THE WEIGHT INDICATED ON THE STRUCTURAL DRAWINGS.

DEMOLITION

- A. REMOVE STRUCTURE FROM TOP DOWN. DO NOT ALLOW DEBRIS TO PILE UP OR FALL ON SLABS TO REMAIN. USE PLYWOOD AND/OR OTHER MEANS TO PROTECT SLABS FROM DAMAGE. REPAIR OR REPLACE DAMAGED SLABS, BEAMS, OR OTHER COMPONENTS AS DIRECTED BY OWNER.
- B. THESE DRAWINGS ARE INTENDED TO DEFINE LIMITS OF STRUCTURAL ELEMENT REMOVAL, AND PRECAUTIONS FOR PREVENTING DAMAGE TO STRUCTURE TO REMAIN. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
- C. FOLLOW THESE GUIDELINES FOR STEEL MEMBER REMOVAL:
1. BOLTS AND CONNECTIONS MAY BE REMOVED BY WITHDRAWING BOLTS AFTER SUPPORTED MEMBERS HAVE BEEN REMOVED.
2. TO PREVENT DAMAGE TO COLUMNS INTENDED TO REMAIN, DO NOT BURN OFF BEAM/GIRDER CONNECTION AT THE FACE OF THE COLUMN. OUTSTANDING LEGS OF CONNECTION ANGLES MAY BE BURNED OFF.
3. SIMILARLY, WHERE BEAMS TO BE REMOVED ARE CONNECTED TO GIRDERS OR OTHER BEAMS WHICH WILL REMAIN, DO NOT BURN OFF CONNECTIONS AT THE FACE OF THE MEMBER TO REMAIN.
- D. FIELD VERIFY ALL EXISTING CONDITIONS. SUBMIT A WRITTEN REPORT IDENTIFYING DEVIATIONS FROM THE EXISTING STRUCTURE INDICATED.
- E. INSTALL TEMPORARY SHORING AND BRACING OF STRUCTURE AS REQUIRED.
- F. CONTACT THE ENGINEER FOR QUESTIONABLE LOCATIONS OR SPECIAL CONDITIONS NOT INDICATED.
- G. SUBMIT DETAILS AND CALCULATIONS OF SHORING, BRACING, AND OTHER CONSTRUCTION REQUIRED, INCLUDING PHASING, STAGING, AND SEQUENCE. SUBMITTAL MUST BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR. PROVIDE SUBMITTAL TO SPECIAL INSPECTION AGENCY FOR REVIEWING THE INSTALLED SHORING/BRACING, PRIOR TO PROCEEDING WITH WORK.

FOUNDATIONS

- A. REVIEW THE GEOTECHNICAL REPORT AND ADHERE TO ALL RECOMMENDATIONS WITHIN, INCLUDING CUT, SUBGRADE PREPARATION, FILL, ETC.
- B. AN ALLOWABLE BEARING CAPACITY OF 1,500 PSF HAS BEEN ASSUMED AND MUST BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE.
- C. ALL SOILS WORK, INCLUDING BACKFILL OF UTILITY TRENCHES AND THE VERIFICATION OF BEARING CAPACITY MUST BE UNDER THE DIRECTION OF A QUALIFIED GEOTECHNICAL ENGINEER. PROXIMITY OF UTILITY TRENCHES TO BUILDING FOUNDATION SYSTEM MUST BE AS APPROVED BY THE GEOTECHNICAL ENGINEER TO ENSURE INTEGRITY OF THE BEARING SOILS.
- D. ALL FOUNDATIONS BEAR ON UNDISTURBED EARTH OR ENGINEERED FILL AT ELEVATIONS SHOWN ON PLANS AND DETAILS. COORDINATE FINAL TOP OF FOOTING ELEVATIONS WITH THE ARCHITECTURAL ELEVATIONS, MEP DRAWINGS, AND CIVIL GRADING PLANS PRIOR TO PLACEMENT. FOUNDATION STEPS INDICATED ARE APPROXIMATE, UNLESS NOTED OTHERWISE, AND MUST BE FIELD COORDINATED. THE BOTTOM OF EXTERIOR FOUNDATION ELEVATIONS MUST BE BELOW THE FROST DEPTH ELEVATION MEASURED FROM EXTERIOR FINISHED GRADE.
- E. BEAR FLOOR SLABS ON 4 INCH MINIMUM DRAINAGE COURSE (COMPACTED STONE) UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT OR DRAWINGS. PLACE THE VAPOR RETARDER DURING THE DRAINAGE COURSE AND THE SLAB. VAPOR RETARDER IS ASTM E1745, CLASS B, 10 MIL UNLESS NOTED OTHERWISE. PLACE, PROTECT, AND REPAIR PER ASTM E1643 AND MANUFACTURER'S INSTRUCTIONS.
- F. DO NOT INSTALL CONCRETE UNTIL ALL FOUNDATION WORK HAS BEEN COORDINATED WITH UNDERGROUND UTILITIES. NOTIFY THE ENGINEER OF ALL CONFLICTS BETWEEN FOUNDATIONS AND UTILITIES.
- G. ALL FOUNDATIONS, OR PORTIONS THEREOF BELOW GRADE, MAY BE EARTH FORMED BY NEAT EXCAVATIONS. DO NOT PLACE FOUNDATIONS, SLABS, OR OTHER CONCRETE ON FROZEN SUBGRADE OR IN RAINING WATER.
- H. CENTER ALL FOUNDATIONS ON WALLS AND/OR COLUMNS, UNLESS NOTED OTHERWISE.
- I. DETERMINE THE EXTENT OF Dewatering REQUIRED FOR THE EXCAVATIONS. SUBMIT THE PROPOSED CONSTRUCTION Dewatering PLAN TO THE GEOTECHNICAL ENGINEER FOR REVIEW PRIOR TO EXCAVATION.
- J. DO NOT PLACE UNBALANCED BACKFILL UNLESS OTHERWISE BRACED OR SUPPORTED AGAINST OVERTURNING.
- K. DO NOT ALLOW HEAVY EQUIPMENT WITHIN A DISTANCE TO EARTH RETAINING WALLS EQUAL TO THE HEIGHT OF RETAINED EARTH PLUS TWO FEET. USE ONLY HAND-OPERATED VIBRATORY COMPACTORS FOR COMPACTING BEHIND RETAINING WALLS.

CONCRETE

- A. CONCRETE MUST CONFORM TO THE CONCRETE PROPERTIES SPECIFIED IN THE CONCRETE PROPERTIES TABLE.
- B. SLABS TO RECEIVE MOISTURE SENSITIVE FLOOR COVERINGS MUST HAVE MAXIMUM WATER/CEMENTITIOUS MATERIAL RATIO OF 0.45.
- C. CONCRETE CONSTRUCTION MUST CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PRACTICE".
- D. ALL CONCRETE PLACEMENT SHALL ADHERE TO APPLICABLE SECTIONS OF ACI 305 AND ACI 306 FOR HOT WEATHER/COLD WEATHER CONCRETE PLACEMENT.
- E. CONCRETE MATERIALS MUST CONFORM TO THE FOLLOWING SPECIFICATIONS:
1. PORTLAND CEMENT: ASTM C150, TYPE I OR II
2. AGGREGATE (NORMAL WEIGHT): ASTM C33
- F. ALL REINFORCEMENT MUST CONFORM TO THE FOLLOWING SPECIFICATIONS:
1. ALL REINFORCING, UNO: ASTM A615 GRADE 60
2. DEFORMED BAR ANCHORS (DBA): ASTM A496 (75 KSI)
3. EPOXY-COATED REINFORCING: ASTM A775
4. GALVANIZED REINFORCING: ASTM A767 CLASS II (2.0 OZ. PER SF ZINC)
5. WELDABLE REINFORCING: ASTM A706 GRADE 60
6. WELDED WIRE REINFORCEMENT (WWR):
- a. SMOOTH WIRE: ASTM A1064 (65 KSI)
- b. DEFORMED WIRE: ASTM A1064 (70 KSI)
- G. REINFORCEMENT DETAILING:
1. DETAIL AND PLACE REINFORCEMENT IN ACCORDANCE WITH ACI 315.
2. DEVELOPMENT AND SPLICE LENGTHS ARE IN TENSION UNLESS NOTED OTHERWISE. REFER TO THE REINFORCING BAR LAP LENGTH SCHEDULE ON THE TYPICAL DETAIL SHEETS.
3. PLACE WWR 2" CLEAR FROM TOP OF SLAB UNLESS NOTED OTHERWISE. LAP WWR ONE CROSSWISE SPACING PLUS 2".
4. INSTALL CORNER BARS AT ALL FOOTINGS AND WALL INTERSECTIONS TO MATCH HORIZONTAL REINFORCING SIZE AND SPACING. AT INTERSECTIONS OF CONTINUOUS SPREAD FOOTINGS, EXTEND ALL BARS TO FAR SIDE OF INTERSECTING FOOTING.
5. INSTALL AND SECURE REINFORCEMENT TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT. PROVIDE THE FOLLOWING CONCRETE COVER FOR REINFORCING ACI 318 SECTION 7.7 AND IBC TABLE 720.1, UNLESS SPECIFICALLY NOTED OTHERWISE:
- a. CAST AGAINST EARTH: #6 THRU #18 3"
- b. EXPOSED TO EARTH/WEATHER: #5 & SMALLER 2"
- c. EXPOSED TO EARTH/WEATHER: #14 & #18 1 1/2"
- d. SLABS, WALLS, JOISTS: #11 & SMALLER 1 1/2"
- e. SLABS, WALLS, JOISTS: #11 & SMALLER 3/4"
6. INSTALL DOWELS TO MATCH REINFORCEMENT SIZE AND SPACING INDICATED, UNLESS NOTED OTHERWISE.
- H. CAST FOUNDATION WALLS, GRADE BEAMS, AND FOOTINGS IN ALTERNATE PANELS NOT TO EXCEED 60'-0" IN LENGTH. INSTALL SHEAR KEYS AT EACH CONSTRUCTION JOINT AND LOCATED AT 1/3 POINTS OF SPANS.
- I. TEMPORARILY BRACE CONCRETE WALLS AGAINST EARTH PRESSURE AND OTHER FORCES UNTIL FLOOR SLABS AND PERMANENT SUPPORTS ARE IN PLACE AND HAVE ATTAINED REQUIRED STRENGTHS.
- J. DO NOT USE HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POLURS UNLESS SHOWN ON THE DRAWINGS. THE ENGINEER MUST APPROVE ALL DEVIATIONS OR ADDITIONAL JOINTS IN WRITING.
- K. CAST SLABS AND BEAMS/JOISTS MONOLITHICALLY UNLESS NOTED OTHERWISE.
- L. CHAMFER ALL PERMANENTLY EXPOSED CONCRETE EDGES 3/4 INCH, UNLESS NOTED OTHERWISE.
- M. REFERENCE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF OPENINGS AND SLEEVES IN CONCRETE WALLS AND SUPPORTED FLOORS. SPREAD REINFORCEMENT AT OPENINGS AND SLEEVES UNLESS OTHERWISE INDICATED. DO NOT CUT REINFORCEMENT.
- N. SLOPE CONCRETE SLABS TO FLOOR DRAINS SHOWN ON MECHANICAL, PLUMBING, CIVIL, AND ARCHITECTURAL DRAWINGS.
- O. BOND NEW CONCRETE TO HARDENED CONCRETE WITH A STRUCTURAL ADHESIVE BONDING AGENT PER ASTM C1059. INSTALL PER THE MANUFACTURER'S INSTRUCTIONS.
- P. NO HOLES OR OPENINGS THROUGH FOUNDATION WALLS AND/OR FOOTINGS WITHOUT ENGINEER'S APPROVAL.
- Q. DO NOT EMBED ALUMINUM IN CONCRETE.

CONCRETE PROPERTIES				
USAGE	STRENGTH (PSI)	TYPE	COMMENTS	DURABILITY CLASSIFICATION
ALL CONCRETE NOT OTHERWISE SPECIFIED	4000	NWT		F0, S0, W0, C1
FOOTINGS	4000	NWT		F0, S0, W0, C1
SLAB-ON-GRADE EXTERIOR	4500	NWT		F2, S0, W0, C1
SLAB-ON-GRADE INTERIOR	3500	NWT		F0, S0, W0, C0

- CONCRETE PROPERTIES TABLE NOTES:
1. MINIMUM STRENGTH AND MAXIMUM DENSITY MEASURED AT 28 DAYS.
2. NWT = NORMAL WEIGHT CONCRETE
3. LWT = SAND-LIGHTWEIGHT CONCRETE
- a. 4% TO 7% AIR ENTRAINMENT FOR LIGHTWEIGHT CONCRETE ON COMPOSITE METAL DECKS
4. DURABILITY CLASSIFICATION INDICATES CONCRETE REQUIREMENTS BY EXPOSURE CLASS, REFER TO TABLE 19.3.2.1 OF ACI 318.

CONCRETE UNIT MASONRY

- A. MASONRY CONSTRUCTION MUST CONFORM WITH ACI 530.1.
- B. CONCRETE MASONRY UNITS (CMU) ARE LIGHTWEIGHT COMPLYING WITH ASTM C90. UNITS HAVE A MINIMUM AVERAGE NET-AREA COMPRESSIVE STRENGTH OF 2,000 PSI. MINIMUM NET AREA COMPRESSIVE STRENGTH OF MASONRY (FM) IS 2,000 PSI.
- C. MORTAR MUST CONFORM TO ASTM C270, TYPE M OR S.
- D. GROUT MUST CONFORM TO ASTM C476, WITH A 28 DAY COMPRESSIVE STRENGTH EQUAL TO OR GREATER THAN THE SPECIFIED NET AREA COMPRESSIVE STRENGTH OF MASONRY (FM).
- E. REINFORCING BARS ARE ASTM A615, GRADE 60.
- F. VERTICAL AND HORIZONTAL REINFORCING ARE CONTINUOUS AND LAPPED A MINIMUM OF 72 BAR DIAMETERS.
- G. POSITION AND HOLD REINFORCING STRAIGHT AS INDICATED. INSTALL REBAR POSITIONERS AT SPACING NOT TO EXCEED 200 BAR DIAMETERS, AT GROUT LIFT HEIGHTS, OR BAR SPLICE LOCATIONS, WHICHEVER IS LESS, TO HOLD REBAR IN PROPER LOCATION UNTIL GROUT CURES.
- H. INSTALL 3 GAGE LADDER TYPE HORIZONTAL JOINT REINFORCING AT 16" OC MAXIMUM SPACING UNLESS NOTED OTHERWISE. JOINT REINFORCING COMPLIES WITH ASTM A951 AND GALVANIZED PER ASTM A153, CLASS B. LAP JOINT REINFORCEMENT AT LEAST 6 INCHES (MUST CONTAIN AT LEAST ONE CROSS WIRE OF EACH PIECE OF REINFORCEMENT WITHIN THE LAP). LAP WITH STANDARD T- AND L-SHAPED PIECES AT INTERSECTIONS AND CORNERS.
- I. INSTALL DOWELS FROM FOUNDATIONS OR SUPPORTING CONCRETE MEMBER BELOW, SAME SIZE AND SPACING AS VERTICAL REINFORCING UNLESS NOTED OTHERWISE. DOWELS HAVE STANDARD ACI HOOKS.
- J. FULLY GROUT ALL CELLS AND WALLS BELOW GRADE. SLUSH JOINT BETWEEN WYTHES.
- K. LOW-LIFT GROUTING PROCEDURES IN ACCORDANCE WITH ACI 530.1.
- L. IF HIGH-LIFT GROUTING, COMPLY WITH ACI 530.1, INCLUDING CLEANOUTS AT EACH GROUTED CELL.
1. DO NOT EXCEED 5 FEET GROUT POUR LIFT, UNLESS CLEANOUTS ARE PROVIDED IN THE BOTTOM COURSE OF EACH 5 FOOT LIFT.
2. MECHANICALLY VIBRATE ALL LIFTS IN EXCESS OF 1 FOOT.
3. DO NOT STOP GROUT POUR WITHIN 1-1/2 INCHES OF BED JOINT.
4. TOTAL GROUT POUR MUST NOT EXCEED 24 FEET WHEN GROUTING THE CELLS OF HOLLOW MASONRY.
- M. INSTALL MASONRY IN A RUNNING BOND PATTERN.
- N. SHORE ALL MASONRY UNTIL MASONRY AND GROUT HAVE SET FOR A MINIMUM OF 7 DAYS.
- O. MASONRY WALLS HAVE BEEN DESIGNED IN THE FINAL CONSTRUCTED CONFIGURATION ASSUMING FULL BRACING TOP, BOTTOM, AND/OR SIDE OF WALL. DURING CONSTRUCTION, BRACE ALL CMU TO RESIST ERECTION AND LATERAL LOADS THAT MAY BE APPLIED PRIOR TO COMPLETION OF CONSTRUCTION.

ROUGH CARPENTRY

- A. GENERAL:
1. LUMBER:
- a. GRADING PER DOC PS 20 AND APPLICABLE GRADING AGENCY RULES.
- b. FACTORY MARK EACH PIECE WITH GRADING AGENCY GRADE STAMP.
- c. MAXIMUM MOISTURE CONTENT: 19%
- d. PROTECT MATERIALS FROM WEATHER.
- e. SORT AND SELECT LUMBER SO NATURAL CHARACTERISTICS DO NOT INTERFERE WITH INSTALLATION OR FASTENING.
- f. PASS PLUMBING AND CONDUIT THROUGH HOLES, NOT NOTCHES, IN STUDS, SILLS, AND PLATES. CENTER HOLES IN THE MEMBER DEPTH. USE GALVANIZED NAIL STOPPERS (16 GAGE MINIMUM) ON BOTH FACES OF BORED MEMBERS IN ACCORDING WITH THE GOVERNING PLUMBING/ELECTRICAL CODE.
2. PRESERVATIVE-TREATED (PT 1): AWP A U1
- a. CATEGORY UC2 FOR INTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND.
- b. CATEGORY UC3b FOR EXTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND.
- c. CATEGORY UC4a FOR ITEMS IN CONTACT WITH GROUND.
- d. CHEMICALS USED MUST BE ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION AND NOT CONTAIN ARSENIC, CHROMIUM, NOR AMMONIA-CAL COPPER ZINC ARSENATE (ACZA). DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
- b. KILN-DRY AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 19 PERCENT.
- c. MARK LUMBER WITH TREATMENT QUALITY MARK OF AN INSPECTION AGENCY APPROVED BY THE ALSC BOARD.
- d. UNLESS NOTED OTHERWISE, INSTALL PT LUMBER AS FOLLOWS:
1. EXTERIOR LOCATIONS.
2. WOOD MEMBERS IN CONTACT WITH MASONRY, MORTAR, GROUT OR CONCRETE.
3. WOOD FRAMING MEMBERS LESS THAN 18 INCHES ABOVE GROUND IN CRAWLSPACES OR UNEXCAVATED AREAS.
- B. DIMENSIONAL LUMBER:
1. UNLESS NOTED OTHERWISE: SOUTHERN PINE NO 2 OR BETTER, SPIB
- C. FASTENERS:
1. NAILS, BRADS, AND STAPLES: ASTM F1667
2. EXPOSED FASTENERS AND FASTENERS USED IN PRESERVATIVE-TREATED OR FIRE-TREATED LUMBER ARE GALVANIZED TO ASTM STANDARD B695 - CLASS 55, OR A153 - CLASS D.
3. FASTENERS USED IN PROXIMITY TO SALTWATER SPRAY ARE MANUFACTURED FROM TYPE 316 STAINLESS STEEL OR HOT DIP GALVANIZED.
4. REPAIR DAMAGED GALVANIZED COATINGS PRIOR TO CONCEALING.
5. AS A MINIMUM, FASTEN ALL WOOD FRAMING TO COMPLY WITH THE "FASTENING SCHEDULE" OF THE REFERENCED BUILDING CODE AND THE ICC-ES EVALUATION REPORT FOR FASTENERS.
6. USE STEEL COMMON NAILS UNLESS NOTED OTHERWISE.
7. STAGGER FASTENERS TO PREVENT SPLITTING, INCLUDING PARALLEL TO GRAIN SPLITTING.
8. FASTEN MULTI-PLY MEMBERS TOGETHER USING (3) ROWS OF 16d NAILS AT 12 INCHES OC, UNLESS NOTED OTHERWISE.
- D. CONNECTORS:
1. INSTALL CONNECTORS COMPLYING WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. INSTALL FASTENERS THROUGH EACH FASTENER HOLE, UNLESS NOTED OTHERWISE.
2. CONNECTORS INDICATED ARE MANUFACTURED BY SIMPSON STRONG-TIE, INC. CONNECTORS BY OTHER MANUFACTURERS MAY BE USED IF THE LOAD CAPACITY IS EQUAL TO OR GREATER THAN THE CONNECTOR SPECIFIED. USE MANUFACTURER'S RECOMMENDED FASTENERS, UNLESS NOTED OTHERWISE.
3. CONNECTORS HAVE A MINIMUM CORROSION PROTECTION OF G90 GALVANIZATION COMPLYING WITH ASTM A653.
4. CONNECTORS IN CONTACT WITH PRESSURE TREATED OR FIRE TREATED LUMBER ARE MANUFACTURED FROM SIMPSON ZMAX (G185 GALVANIZED) STEEL COMPLYING WITH ASTM A653.
5. CONNECTORS IN PROXIMITY TO SALTWATER SPRAY ARE MANUFACTURED FROM TYPE 316 STAINLESS STEEL OR HOT DIP GALVANIZED TO ASTM STANDARD A123 - CLASS C.
- E. FLOOR AND ROOF CONSTRUCTION:
1. INSTALL SOLID BLOCKING BETWEEN JOISTS AT ALL BEARING LOCATIONS.
2. INSTALL SOLID BLOCKING BETWEEN JOISTS AT ENDS OF JOIST, UNLESS FASTENER TO HEADER OR BAND.
3. LAP MEMBERS FRAMING FROM OPPOSITE SIDES OF BEAM/ GIRDERS, OR PARTITIONS NOT LESS THAN 4 INCHES OR SECURELY THE OPPOSING MEMBERS TOGETHER. INSTALL SOLID BLOCKING OF JOISTS OVER SUPPORTS.
4. INSTALL DOUBLE JOISTS SEPARATED BY SOLID BLOCKING EQUAL TO STUD ABOVE UNDER NON-LOAD-BEARING PARTITIONS. INSTALL TRIPLE JOISTS UNDER PARTITIONS RECEIVING CERAMIC TILE OR SIMILAR HEAVY FINISHES OR FIXTURES.
5. INSTALL FULL DEPTH 2x BLOCKING AT 72 INCH OC MAX SPACING BETWEEN ROOF JOISTS/RAFTERS.



101 Falls Park Drive
Suite 601
Greenville, SC 29601
(864) 271-8869
www.brittpeters.com
BPA Project #: 240369

Seal



DP3
ARCHITECTS

DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.0200
www.DP3architects.com

Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23236-B
Drawn By MW, CA
Checked By MG
Date 31 JUL 2025

Revisions

Drawing

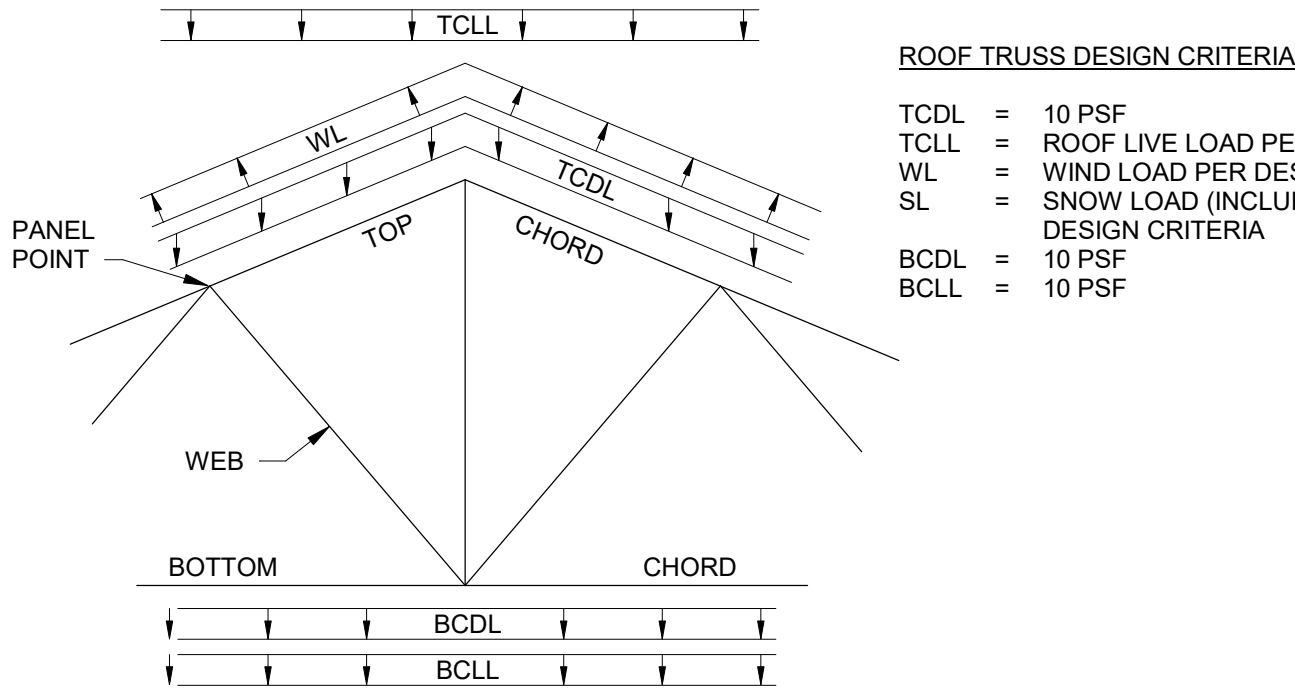
GENERAL NOTES

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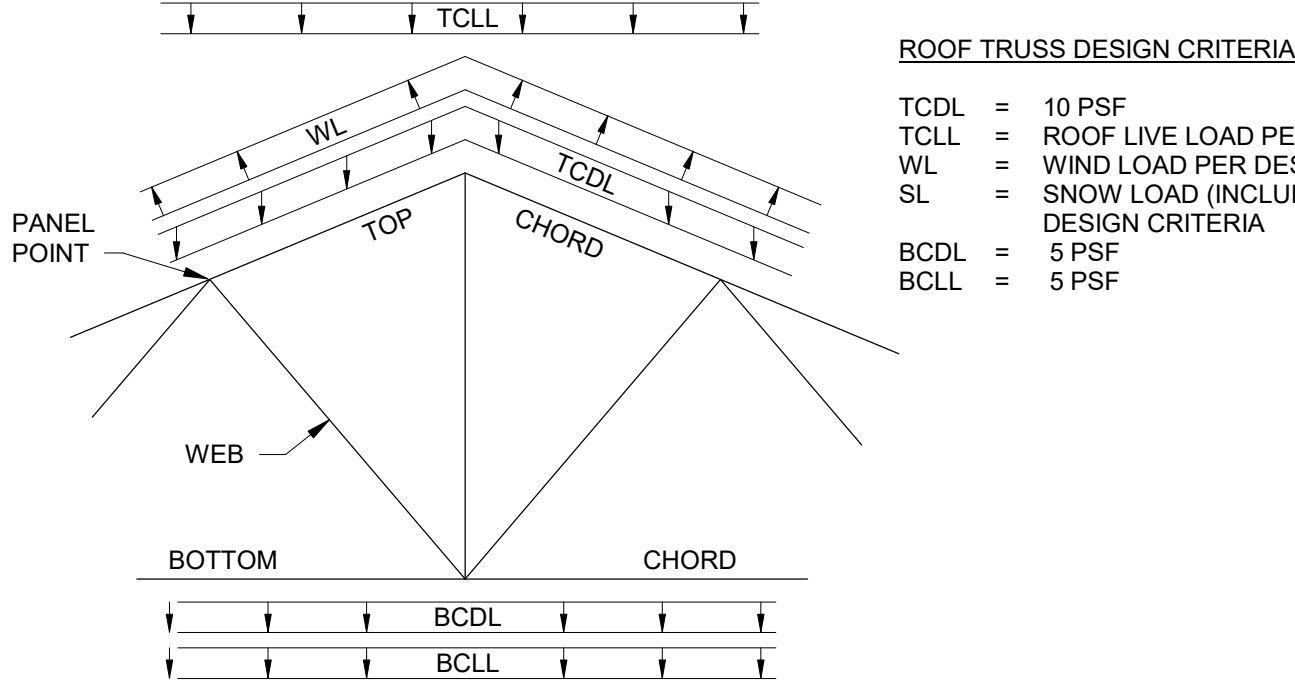
PREFABRICATED WOOD TRUSSES

- A. DESIGN TRUSSES IN ACCORDANCE WITH THE "NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION" (NDS) AND ITS "SUPPLEMENT", AS WELL AS THE TRUSS PLATE INSTITUTE (TPI). DESIGN TRUSSES FOR THE DESIGN CRITERIA INDICATED.
- B. FABRICATE, INSTALL, AND BRACE TRUSSES IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (TPI).
- C. SUBMIT SHOP DRAWINGS AND CALCULATIONS SEALED BY REGISTERED PROFESSIONAL ENGINEER, INCLUDING TRUSS LAYOUT, TRUSS PROFILES, INSTALLATION INSTRUCTIONS, DESIGN LOADINGS, AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE. DESIGN TRUSSES USING "PIN" CONNECTION AT ONE SUPPORT AND "ROLLER" CONNECTION AT OTHER SUPPORT LOCATIONS. "PIN" IS DEFINED AS A SUPPORT RESISTING VERTICAL AND HORIZONTAL LOADS. "ROLLER" IS DEFINED AS RESISTING ONLY VERTICAL LOADS. DO NOT FABRICATE TRUSSES UNTIL SHOP DRAWINGS HAVE BEEN SUBMITTED AND RETURNED. DESIGN TRUSSES TO BEAR ONLY ON THE STRUCTURAL SUPPORT MEMBERS INDICATED.
- D. WOOD FRAMING MEMBERS: PS 20 "AMERICAN SOFTWOOD LUMBER STANDARD"
1. SOUTHERN PINE NO 2 OR BETTER, SPIB
2. 19 PERCENT MAXIMUM MOISTURE CONTENT
3. SELECT FRAMING MEMBERS SO KNOTS OR OTHER WOOD IMPERFECTIONS DO NOT OCCUR AT PANEL POINTS/CONNECTOR PLATES
- E. METAL CONNECTOR PLATES, UNLESS NOTED OTHERWISE:
- a. AT INDOOR LOCATIONS: ASTM A653 WITH G60 GALVANIZED COATING
- b. AT PRESERVATIVE TREATED LUMBER: ASTM A653 WITH G185 GALVANIZED COATING TO 0.036 INCH MINIMUM THICKNESS
- c. AT EXTERIOR LOCATIONS: ASTM A686 STAINLESS STEEL
- F. REFERENCE ROUGH CARPENTRY NOTES FOR WOOD-PRESERVATIVE-TREATED LUMBER
- G. LIMIT TRUSS AND MEMBER DEFLECTIONS PER REFERENCED BUILDING CODE.
- H. TRUSS TO TRUSS CONNECTIONS ARE BY THE TRUSS ENGINEER WHERE MULTIPLE TRUSS PLIES ARE INDICATED, FASTEN TOGETHER AS INDICATED BY THE TRUSS MANUFACTURER.
- I. TRUSS CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR SAFE ERECTION OF THE TRUSSES, OR AS RECOMMENDED BY THE MANUFACTURER AND TPI, IN ADDITION TO ANY BRACING INDICATED.
- J. DESIGN AND INSTALL BOTTOM CHORD BRACING WHERE CEILING SHEATHING DOES NOT ATTACH DIRECTLY TO TRUSS BOTTOM CHORD. COORDINATE EXTENTS OF CEILING SHEATHING WITH ARCHITECTURAL DRAWINGS.
- K. REFER TO THE ARCHITECTURAL DRAWINGS FOR TRUSS PROFILES. TRUSS PROFILES INDICATED ON THE STRUCTURAL DRAWINGS ARE FOR SCHEMATIC PURPOSES ONLY. COORDINATE TRUSS WEB CONFIGURATION WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS. TRUSS MANUFACTURER MAY USE ALTERNATIVE TRUSS WEB CONFIGURATIONS SUBJECT TO APPROVAL OF THE ARCHITECT. ALIGN WEB MEMBERS IN ADJACENT TRUSSES OF THE SAME PROFILE TO PERMIT PASSAGE OF DUCTWORK.
- L. TRUSS ANCHORAGES AND HOLDOWNS ARE BASED ON TRUSS LAYOUT INDICATED. COORDINATE FINAL LOCATION OF GANGED STUDS AND HOLDOWNS WITH TRUSS SHOP DRAWINGS.
- M. INSTALL TRUSS HOLDOWNS PRIOR TO SHEATHING.
- N. DO NOT ALTER TRUSSES IN FIELD WITHOUT WRITTEN DIRECTION FROM TRUSS ENGINEER. DO NOT CUT, DRILL, NOTCH OR REMOVE TRUSS MEMBERS.
- O. TRUSS DIAGRAMS BELOW ARE FOR SCHEMATIC PURPOSES ONLY TO SHOW THE APPLICATION OF DESIGN LOADS. COMBINE LOADS PER THE REFERENCED BUILDING CODE.



PREFABRICATED TIMBER TRUSSES

- A. DESIGN TRUSSES IN ACCORDANCE WITH THE "NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION" (NDS) AND ITS "SUPPLEMENT", AS WELL AS THE TRUSS PLATE INSTITUTE (TPI). DESIGN TRUSSES FOR THE DESIGN CRITERIA INDICATED.
- B. SUBMIT SHOP DRAWINGS AND CALCULATIONS SEALED BY REGISTERED PROFESSIONAL ENGINEER, INCLUDING TRUSS LAYOUT, TRUSS PROFILES, INSTALLATION INSTRUCTIONS, DESIGN LOADINGS, AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE. DESIGN TRUSSES USING "PIN" CONNECTION AT ONE SUPPORT AND "ROLLER" CONNECTION AT OTHER SUPPORT LOCATIONS. "PIN" IS DEFINED AS A SUPPORT RESISTING VERTICAL AND HORIZONTAL LOADS. "ROLLER" IS DEFINED AS RESISTING ONLY VERTICAL LOADS. DO NOT FABRICATE TRUSSES UNTIL SHOP DRAWINGS HAVE BEEN SUBMITTED AND RETURNED. DESIGN TRUSSES TO BEAR ONLY ON THE STRUCTURAL SUPPORT MEMBERS INDICATED.
- C. WOOD FRAMING MEMBERS: PS 20 "AMERICAN SOFTWOOD LUMBER STANDARD"
1. SOUTHERN PINE NO 2 OR BETTER, SPIB
2. 19 PERCENT MAXIMUM MOISTURE CONTENT
3. SELECT FRAMING MEMBERS SO KNOTS OR OTHER WOOD IMPERFECTIONS DO NOT OCCUR AT PANEL POINTS/CONNECTOR PLATES
4. PROTECT TRUSSES FOR UNCONDITIONED EXTERIOR ENVIRONMENT.
- D. REFERENCE ROUGH CARPENTRY NOTES FOR WOOD-PRESERVATIVE-TREATED LUMBER
- E. LIMIT TRUSS AND MEMBER DEFLECTIONS PER REFERENCED BUILDING CODE.
- F. TRUSS TO TRUSS CONNECTIONS ARE BY THE TRUSS ENGINEER WHERE MULTIPLE TRUSS PLIES ARE INDICATED, FASTEN TOGETHER AS INDICATED BY THE TRUSS MANUFACTURER.
- G. TRUSS CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR SAFE ERECTION OF THE TRUSSES, OR AS RECOMMENDED BY THE MANUFACTURER AND TPI, IN ADDITION TO ANY BRACING INDICATED.
- H. REFER TO THE ARCHITECTURAL DRAWINGS FOR TRUSS PROFILES. TRUSS PROFILES INDICATED ON THE STRUCTURAL DRAWINGS ARE FOR SCHEMATIC PURPOSES ONLY. COORDINATE TRUSS WEB CONFIGURATION WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS. TRUSS MANUFACTURER MAY USE ALTERNATIVE TRUSS WEB CONFIGURATIONS SUBJECT TO APPROVAL OF THE ARCHITECT. ALIGN WEB MEMBERS IN ADJACENT TRUSSES OF THE SAME PROFILE TO PERMIT PASSAGE OF DUCTWORK.
- I. INSTALL TRUSS HOLDOWNS PRIOR TO SHEATHING.
- J. DO NOT ALTER TRUSSES IN FIELD WITHOUT WRITTEN DIRECTION FROM TRUSS ENGINEER. DO NOT CUT, DRILL, NOTCH OR REMOVE TRUSS MEMBERS.
- K. TRUSS DIAGRAMS BELOW ARE FOR SCHEMATIC PURPOSES ONLY TO SHOW THE APPLICATION OF DESIGN LOADS. COMBINE LOADS PER THE REFERENCED BUILDING CODE.



WOOD SHEATHING

- A. GENERAL:
1. WOOD SHEATHING REFERS TO WOOD STRUCTURAL PANELS, OF EITHER PLYWOOD OR ORIENTED STRAND BOARD (OSB).
2. WOOD SHEATHING IS APPLIED TO TRUSSES IN ACCORDANCE WITH PRODUCT STANDARD DOC PS1 OR DOC PS2. WOOD SHEATHING MANUFACTURER MUST BE A MEMBER OF THE AMERICAN PLYWOOD ASSOCIATION (APA).
3. PROTECT WOOD SHEATHING FROM WEATHER AND PROVIDE FOR AIR CIRCULATION AROUND STACKS AND UNDER COVERINGS.
4. PANELS MUST HAVE FACTORY MARKS INDICATING COMPLIANCE WITH APPLICABLE STANDARDS.
5. THICKNESS NOT LESS THAN INDICATED, AND AS REQUIRED TO COMPLY WITH SPECIFIED REQUIREMENTS.
6. INSTALL SHEATHING WITH THE STRENGTH DIRECTION (TYPICALLY LONG DIMENSION) PERPENDICULAR TO FRAMING AND WITH END JOINTS STAGGERED.
7. DO NOT USE MATERIALS WITH DEFECTS IMPAIRING THE QUALITY OF SHEATHING OR PIECES TOO SMALL TO USE WITH MINIMUM NUMBER OF JOINTS. LAYOUT PANELS TO SPAN BETWEEN AT LEAST THREE SUPPORT MEMBERS.
8. COORDINATE SHEATHING INSTALLATION WITH FLASHING AND JOINT SEALANT INSTALLATION SO MATERIALS ARE INSTALLED IN A SEQUENCE AND MANNER PREVENTING EXTERIOR MOISTURE FROM PASSING THROUGH THE COMPLETED ASSEMBLY.
9. DO NOT BRIDGE BUILDING EXPANSION JOINTS.
10. WHERE EITHER 2 INCH OR 2 1/2 INCH FASTENER SPACINGS ARE SPECIFIED TO 2 INCH OR LESS FRAMING MEMBERS, THE FRAMING MEMBER AT ADJOINING PANEL EDGES MUST BE 2 1/2 INCH WIDE OR GREATER. STAGGER FASTENERS AT PANEL EDGES IN TWO LINES.
- B. PRESERVATIVE-TREATED (P.T.):
1. PRESERVATIVE TREATMENT PROCESS: AWPA U1
- a. CATEGORY UC2 FOR INTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND.
- b. CATEGORY UC3b FOR EXTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND.
- c. CATEGORY UC4a FOR ITEMS IN CONTACT WITH GROUND.
- d. CHEMICALS USED MUST BE ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION AND NOT CONTAIN ARSENIC, CHROMIUM, NOR AMMONIA-CAL COPPER ZINC ARSENATE (ACZA).
2. MARK SHEATHING WITH APPROPRIATE CLASSIFICATION MARKING OF AN INSPECTION AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
3. UNLESS NOTED OTHERWISE, INSTALL PT SHEATHING IN CONTACT WITH MASONRY, MORTAR, GROUT OR CONCRETE, OR, WHEN USED WITH ROOFING, FLASHING, VAPOR BARRIERS, AND WATER PROOFING.
- C. ROOF SHEATHING:
1. SPAN RATING: NOT LESS THAN 40/20
2. NOMINAL THICKNESS: NOT LESS THAN 5/8 INCH
3. EXPOSURE AND DURABILITY CLASSIFICATION: EXPOSURE 1
4. FASTENING METHOD, UNLESS NOTED OTHERWISE:
- a. FASTENERS: 8d RING SHANK NAILS
- b. BOUNDARY EDGE SPACING: 4 INCHES OC
- c. PANEL EDGE SPACING: 6 INCHES OC
- d. FIELD SPACING: 12 INCHES OC
- D. FASTENERS:
1. AS A MINIMUM, FASTENING TO COMPLY WITH THE "FASTENING SCHEDULE" OF THE REFERENCED BUILDING CODE AND THE ICC-ES EVALUATION REPORT FOR FASTENERS.
2. USE STEEL COMMON NAILS INTO WOOD FRAMING AND SCREWS INTO COLD-FORMED STEEL FRAMING, UNLESS NOTED OTHERWISE.
3. NAILS, BRADS, AND STAPLES: ASTM F1667.
4. SCREWS FOR FASTENING SHEATHING TO WOOD FRAMING: ASTM C1002.
5. SCREWS FOR FASTENING SHEATHING TO COLD-FORMED STEEL FRAMING: ASTM C954, EXCEPT WITH WAFER HEADS (MINIMUM HEAD DIA=0.333 INCHES) AND REAMER WINGS, LENGTH AS RECOMMENDED BY SCREW MANUFACTURER.
6. FOR ROOF, PARAPET, AND WALL SHEATHING, USE FASTENERS WITH HOT-DIP ZINC COATING COMPLYING WITH ASTM A153 OR TYPE 304 STAINLESS STEEL.
7. FOR ROOF, PARAPET, AND WALL SHEATHING WITH ORGANIC-POLYMER OR OTHER CORROSION-PROTECTION COATINGS, USE FASTENERS WITH A SALT-SPRAY RESISTANCE OF MORE THAN 800 HOURS ACCORDING TO ASTM B117.

SPECIAL INSPECTIONS AND TESTING

- A. SPECIAL INSPECTIONS AND TESTING ARE PERFORMED IN ACCORDANCE WITH IBC CHAPTER 17 AND LOCAL JURISDICTION PROVISIONS, BY AN INDEPENDENT INSPECTION AND TESTING AGENCY. THE SPECIAL INSPECTOR MUST OBSERVE AND TEST THE WORK FOR CONFORMANCE TO THE CONTRACT DOCUMENTS.
- B. THE SPECIAL INSPECTOR MUST FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OR ARCHITECT OF RECORD, AND ALL OTHER DESIGNATED INDIVIDUALS. ALL DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF NOT CORRECTED, TO THE PROPER DESIGN AUTHORITY AND THE BUILDING OFFICIAL.
- C. THE SPECIAL INSPECTOR MUST SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK IS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE CONTRACT DOCUMENTS, SOILS REPORT, AND APPLICABLE WORKMANSHIP OF THE BUILDING CODE.
- D. STATEMENT AND SCHEDULE OF SPECIAL INSPECTIONS IS PART OF THE CONTRACT DOCUMENTS.

SUBMITTALS

- A. CONTRACTOR MUST REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING FOR REVIEW. SUBMIT SHOP DRAWINGS TO THE ARCHITECT AND/OR ENGINEER FOR REVIEW. FABRICATE AND CONSTRUCT FROM THE REVIEWED SUBMITTALS. ALLOW 10 BUSINESS DAYS FOR EACH SUBMITTAL REVIEW UNLESS AN ALTERNATE REVIEW TIME IS AGREED UPON BY ALL PARTIES. IN THE EVENT MULTIPLE SUBMITTALS ARE SUBMITTED AT THE SAME TIME, THE CONTRACTOR MUST INDICATE WHICH SUBMITTALS HAVE PRIORITY.
- B. MAINTAIN A RECORD SET OF APPROVED SHOP DRAWINGS IN THE FIELD.
- C. SUBMIT IN WRITING ANY DEVIATION FROM, ADDITION TO, SUBSTITUTION FOR, OR MODIFICATION TO, THE STRUCTURE OR ANY PART OF THE STRUCTURE DETAILED, TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS SUBMITTED FOR REVIEW DO NOT CONSTITUTE "IN-WRITING" UNLESS IT IS CLEARLY NOTED SPECIFIC CHANGES ARE BEING REQUESTED.
- D. PREPARE A LIST AND SCHEDULE OF ALL STRUCTURAL SUBMITTALS PRIOR TO CONSTRUCTION.
- E. SUBMIT THE FOLLOWING SHOP DRAWINGS FOR THE ENGINEER'S REVIEW:
1. CONCRETE MIX DESIGNS
2. REINFORCING STEEL
3. PREFABRICATED WOOD TRUSSES (1, 3)
4. PREFABRICATED TIMBER TRUSSES (1, 3)
5. MASONRY PRODUCT DATA
6. GROUT PRODUCT DATA
7. MORTAR PRODUCT DATA
- F. SUBMIT ITEMS MARKED (1) SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED. SUBMIT ITEMS MARKED (2) FOR OWNER'S RECORD ONLY, AND WILL NOT HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED. SUBMIT ITEMS MARKED (3) WITH DESIGN CALCULATIONS SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED.
1. THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE CONTRACT DOCUMENTS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED.
- G. THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEM TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.



101 Falls Park Drive
Suite 601
Greenville, SC 29601
(864) 271-8869
www.brittpeters.com
BPA Project #: 240369

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DP3
ARCHITECTS

DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.0200
www.DP3architects.com

Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23236-B
Drawn By MW,CA
Checked By MG
Date 31 JUL 2025

Revisions

Drawing

GENERAL NOTES

S0.01

CHECK IF REQ'D	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD / NOTES	IBC REFERENCE
		CONTINUOUS	PERIODIC		
<input checked="" type="checkbox"/>	MASONRY CONSTRUCTION			TMS 402/ACI 530/ASCE 5 AND TMS 602/ACI 530.1/ASCE 6	1705.4
	LEVEL B QUALITY ASSURANCE			TABLE 1.19.2	
	MINIMUM TESTS				
<input checked="" type="checkbox"/>	1. VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) OF SELF-CONSOLIDATING GROUT AS DELIVERED TO THE PROJECT	-	X		
<input checked="" type="checkbox"/>	2. VERIFICATION OF F'M AND F' AAC PRIOR TO CONSTRUCTION	-	X		
	MINIMUM SPECIAL INSPECTION				
<input checked="" type="checkbox"/>	1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS	-	X		
	2. AS MASONRY CONSTRUCTION BEGINS VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE				
	A. PROPORTIONS OF SITE-MIXED MORTAR	-	X		
	B. CONSTRUCTION OF MORTAR JOINTS	-	X		
<input checked="" type="checkbox"/>	C. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	-	X		
	D. LOCATION OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES	-	X		
	E. PRESTRESSING TECHNIQUE	-	X		
	F. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	X	-		
	3. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
	A. GROUT SPACE	-	X		
<input checked="" type="checkbox"/>	B. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES	-	X		
	C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES	-	X		
	D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	-	X		
	E. CONSTRUCTION OF MORTAR JOINTS	-	X		
	4. VERIFY DURING CONSTRUCTION				
	A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS	-	X		
	B. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	-	X		
<input checked="" type="checkbox"/>	C. WELDING OF REINFORCEMENT	X	-		
	D. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD OR HOT WEATHER.	-	X		
	E. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	X	-		
	F. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE.	X	-		
	G. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	X	-		
<input checked="" type="checkbox"/>	5. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	-	X		

CHECK IF REQ'D	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD / NOTES	IBC REFERENCE
		CONTINUOUS	PERIODIC		
	SOILS			GEOTECHNICAL REPORT	1705.6
<input checked="" type="checkbox"/>	1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X		
<input checked="" type="checkbox"/>	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X		
<input checked="" type="checkbox"/>	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X		
<input checked="" type="checkbox"/>	4. VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-		
<input checked="" type="checkbox"/>	5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X		

CHECK IF REQ'D	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD / NOTES	IBC REFERENCE
		CONTINUOUS	PERIODIC		
	WOOD CONSTRUCTION				
<input checked="" type="checkbox"/>	1. PREFABRICATED WOOD ELEMENTS AND ASSEMBLIES IN ACCORDANCE WITH SECTION 1704.2.5	-	-		1705.5
	2. HIGH LOAD DIAPHRAGMS DESIGN IN ACCORDANCE WITH SECTION 2306.2				
<input type="checkbox"/>	A. INSPECT WOOD STRUCTURAL PANEL SHEATHING FOR CONFORMANCE TO GRADE AND THICKNESS AS SHOWN ON APPROVED CONSTRUCTION DOCUMENTS	-	X		1705.5.1
<input type="checkbox"/>	B. VERIFY NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, NAIL OR STAPLE DIAMETER AND LENGTH, NUMBER OF FASTENER LINES AND THAT THE SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS COMPLIES WITH APPROVED CONSTRUCTION DOCUMENTS	-	X		1705.5.1
	3. METAL-PLATE-CONNECTED WOOD TRUSSES				
<input checked="" type="checkbox"/>	A. INSPECTION OF WOOD TRUSSES WITH OVERALL HEIGHT OF 60 INCHES OR GREATER TO VERIFY THE INSTALLATION OF PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING HAS BEEN INSTALLED WITH THE APPROVED TRUSS SUBMITTAL PACKAGE	-	X		1705.5.2
<input type="checkbox"/>	B. INSPECTION OF TEMPORARY INSTALLATION RESTRAINT/BRACING FOR WOOD TRUSSES WITH CLEAR SPAN OF 60 FEET OR GREATER AND VERIFICATION OF CONFORMANCE WITH APPROVED TRUSS SUBMITTAL PACKAGE	-	X		1705.5.2
<input type="checkbox"/>	4. INSPECTION OF ANCHORAGE AND CONNECTIONS OF MASS TIMBER CONSTRUCTION TO TIMBER DEEP FOUNDATION SYSTEMS	-	X		1705.5.3
<input type="checkbox"/>	5. INSPECT ERECTION OF MASS TIMBER CONSTRUCTION	-	X		1705.5.3
	6. INSPECTION OF CONNECTIONS WHERE INSTALLATION METHODS ARE REQUIRED TO MEET DESIGN LOADS				
	A. THREADED FASTENERS				
<input checked="" type="checkbox"/>	1. VERIFY USE OF PROPER INSTALLATION EQUIPMENT	-	X		1705.5.3
<input checked="" type="checkbox"/>	2. VERIFY USE OF PRE-DRILLED HOLES WHERE REQUIRED	-	X		1705.5.3
<input checked="" type="checkbox"/>	3. INSPECT SCREWS, INCLUDING: DIAMETER, LENGTH, HEAD TYPE, SPACING, INSTALLATION ANGLE, AND DEPTH	-	X		1705.5.3
<input type="checkbox"/>	B. ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATION TO RESIST SUSTAINED TENSION LOADS	X	-		1705.5.3
<input type="checkbox"/>	C. ADHESIVE ANCHORS NOT DEFINED IN B	-	X		1705.5.3
<input checked="" type="checkbox"/>	D. BOLTED CONNECTIONS	-	X		1705.5.3
<input type="checkbox"/>	E. CONCEALED CONNECTIONS	-	X		1705.5.3

CHECK IF REQ'D	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD / NOTES	IBC REFERENCE
		CONTINUOUS	PERIODIC		
	CONCRETE CONSTRUCTION			ACI 318	1705.3
<input checked="" type="checkbox"/>	1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	X	ACI 318: CH. 20, 25.2, 25.3, 26.6.1 - 26.6.3	
	2. REINFORCING BAR WELDING:				
<input type="checkbox"/>	A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	-	X		-
	B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	-	X	AWS 1.4, ACI 318: 26.6.4	
	C. INSPECT ALL OTHER WELDS	X	-		
<input checked="" type="checkbox"/>	3. INSPECT ANCHORS CAST IN CONCRETE	-	X	ACI 318: 26.7.2	-
	4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS			NOTE b	
<input checked="" type="checkbox"/>	A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	ACI 318: 26.7.2 (e)	-
	B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A	-	X	ACI 318: 26.7.2	
<input checked="" type="checkbox"/>	5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2
<input checked="" type="checkbox"/>	6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	-	ASTM C 172, ASTM C 31, ACI 318: 26.5, 26.12	-
<input checked="" type="checkbox"/>	7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	-	ACI 318: 26.5	1908.1
<input checked="" type="checkbox"/>	8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	-	X	ACI 318: 26.5.3 - 26.5.5	-
<input type="checkbox"/>	9. INSPECT PRESTRESSED CONCRETE FOR:				
<input type="checkbox"/>	A. APPLICATION OF PRESTRESSING FORCES; AND	X	-	ACI 318: 26.10	-
	B. GROUTING OF BONDED PRESTRESSING TENDONS	X	-	ACI 318: 26.10	-
<input type="checkbox"/>	10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS	-	X	ACI 318: 26.9	-
	11. FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F, INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR:				
	A. INSTALLATION OF THE EMBEDDED PARTS	X	-	ACI 318: 26.13.13, 550.5	-
	B. COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS	X	-	ACI 318: 26.13.13, 550.5	-
	C. COMPLETION OF CONNECTIONS IN THE FIELD	X	-		-
<input type="checkbox"/>	12. INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5	-	X	ACI 318: 26.13.13	-
<input type="checkbox"/>	13. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.10.2	-
<input checked="" type="checkbox"/>	14. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	-	X	ACI 318: 26.11	-

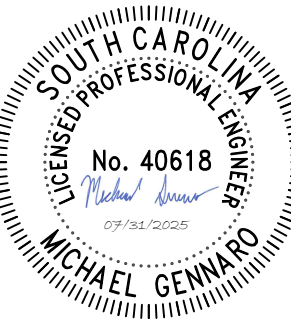
- NOTES:
- a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
- b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 26.7.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES, WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED. SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK.

- SPECIAL INSPECTIONS AND TESTS (IBC CHAPTER 17)
- A. THE STATEMENT OF SPECIAL INSPECTIONS OUTLINED IN THIS SECTION, AS SPECIFIED BY CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE, REQUIRES THAT THE OWNER OR OWNER'S AUTHORIZED AGENT, OTHER THAN THE CONTRACTOR, EMPLOY ONE OR MORE APPROVED AGENCIES TO PROVIDE SPECIAL INSPECTIONS AND TESTS LISTED IN THE TABLES ON THIS SHEET DURING CONSTRUCTION AND FABRICATION. THESE SPECIAL INSPECTIONS AND TESTS ARE IN ADDITION TO THE INSPECTIONS BY THE BUILDING OFFICIAL THAT ARE IDENTIFIED IN SECTION 110 OF THE IBC.
- a. THE CONTRACTOR IS PERMITTED TO EMPLOY THE APPROVED SPECIAL INSPECTION AGENCY WHERE THE CONTRACTOR IS ALSO THE OWNER.
- B. THE SPECIAL INSPECTION AGENCIES SHALL KEEP RECORDS OF SPECIAL INSPECTIONS AND TESTS. THE AGENCY SHALL SUBMIT REPORTS OF INSPECTIONS AND TESTS PERFORMED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED/TESTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF WORK.
- a. DISCREPANCIES CORRECTED IN THE FIELD SHALL BE FOLLOWED WITH ANOTHER FIELD REPORT OR AN AMENDMENT TO THE EXISTING FIELD REPORT INDICATING THAT COMPLIANCE OF THE CORRECTED ITEM HAS BEEN OBTAINED.
- C. FIELD REPORTS FOR SPECIAL INSPECTIONS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AT AN INTERVAL NOT EXCEEDING TWO WEEKS, UNLESS ANOTHER INTERVAL IS AGREED UPON BETWEEN THE SPECIAL INSPECTION AGENCY AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.
- D. THE SPECIAL INSPECTION AGENCIES SHALL PROVIDE A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND TESTS COMPLETED, AND CORRECTION/RE-INSPECTIONS OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS AND TESTS AT THE CONCLUSION OF THE PROJECT AND SUBMIT REPORT TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.
- E. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND FORCE- OR SEISMIC FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM, OR A WIND- OR SEISMIC FORCE-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY IN ACCORDANCE WITH THE REQUIREMENTS LISTED IN SECTION 1704.4 OF THE IBC TO THE BUILDING OFFICIAL, OWNER, OR OWNER'S AUTHORIZED AGENT PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
- F. ALL STRUCTURAL COMPONENTS AND STRUCTURAL SYSTEMS SHALL BE TESTED AND/OR INSPECTED ACCORDING TO THE APPROPRIATE CODE SPECIFICATIONS LISTED IN THE TABLES ON THIS SHEET.
- G. SPECIAL INSPECTIONS INDICATED AS "CONTINUOUS" SHALL REQUIRE FULL-TIME OBSERVATIONS OF WORK BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED. SPECIAL INSPECTIONS INDICATED AS "PERIODIC" SHALL REQUIRE INTERMITTENT OBSERVATIONS OF WORK BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THAT PORTION OF WORK HAS BEEN COMPLETED.
- H. SUBMITTALS TO THE BUILDING OFFICIAL: IN ADDITION TO THE FIELD REPORTS FOR SPECIAL INSPECTIONS, REPORTS AND CERTIFICATES SHALL BE SUBMITTED BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT TO THE BUILDING OFFICIAL FOR EACH OF THE FOLLOWING:
- a. CERTIFICATES OF COMPLIANCE FOR THE FABRICATION OF STRUCTURAL LOAD-BEARING, OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES ON THE PREMISES OF AN APPROVED FABRICATOR IN ACCORDANCE WITH SECTION 1704.2.5.1
- b. CERTIFICATES OF COMPLIANCE FOR THE SEISMIC QUALIFICATION OF NONSTRUCTURAL COMPONENTS, SUPPORTS AND ATTACHMENTS IN ACCORDANCE WITH SECTION 1705.14.2
- c. CERTIFICATES OF COMPLIANCE FOR DESIGNATED SEISMIC SYSTEMS IN ACCORDANCE WITH SECTION 1705.14.3
- d. REPORTS OF PRECONSTRUCTION TESTS FOR SHOTCRETE IN ACCORDANCE WITH SECTION 1908.5
- e. CERTIFICATES OF COMPLIANCE FOR OPEN WEB STEEL JOISTS AND JOIST GIRDERS IN ACCORDANCE WITH SECTION 2207.5
- f. REPORTS OF MATERIAL PROPERTIES VERIFYING COMPLIANCE WITH THE REQUIREMENTS OF AWS D1.4 FOR WELDABILITY FOR REINFORCING BARS IN CONCRETE COMPLYING WITH A STANDARD OTHER THAN ASTM A706 THAT ARE TO BE WELDED
- g. REPORTS OF MILL TESTS FOR REINFORCING BARS COMPLYING WITH ASTM A615 THAT ARE USED TO RESIST EARTHQUAKE-INDUCED FLEXURAL OR AXIAL FORCES IN SPECIAL MOMENT FRAMES, SPECIAL STRUCTURAL WALLS, OR COUPLING BEAMS CONNECTING SPECIAL STRUCTURAL WALLS OF SEISMIC FORCE-RESISTING SYSTEMS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY B, C, D, E, OR F.
- I. STRUCTURAL OBSERVATIONS, IF REQUIRED, DURING CONSTRUCTION WILL NOT BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD, UNLESS SPECIFICALLY CONTRACTED BY THE CLIENT.



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Project



NEWBERRY COUNTY
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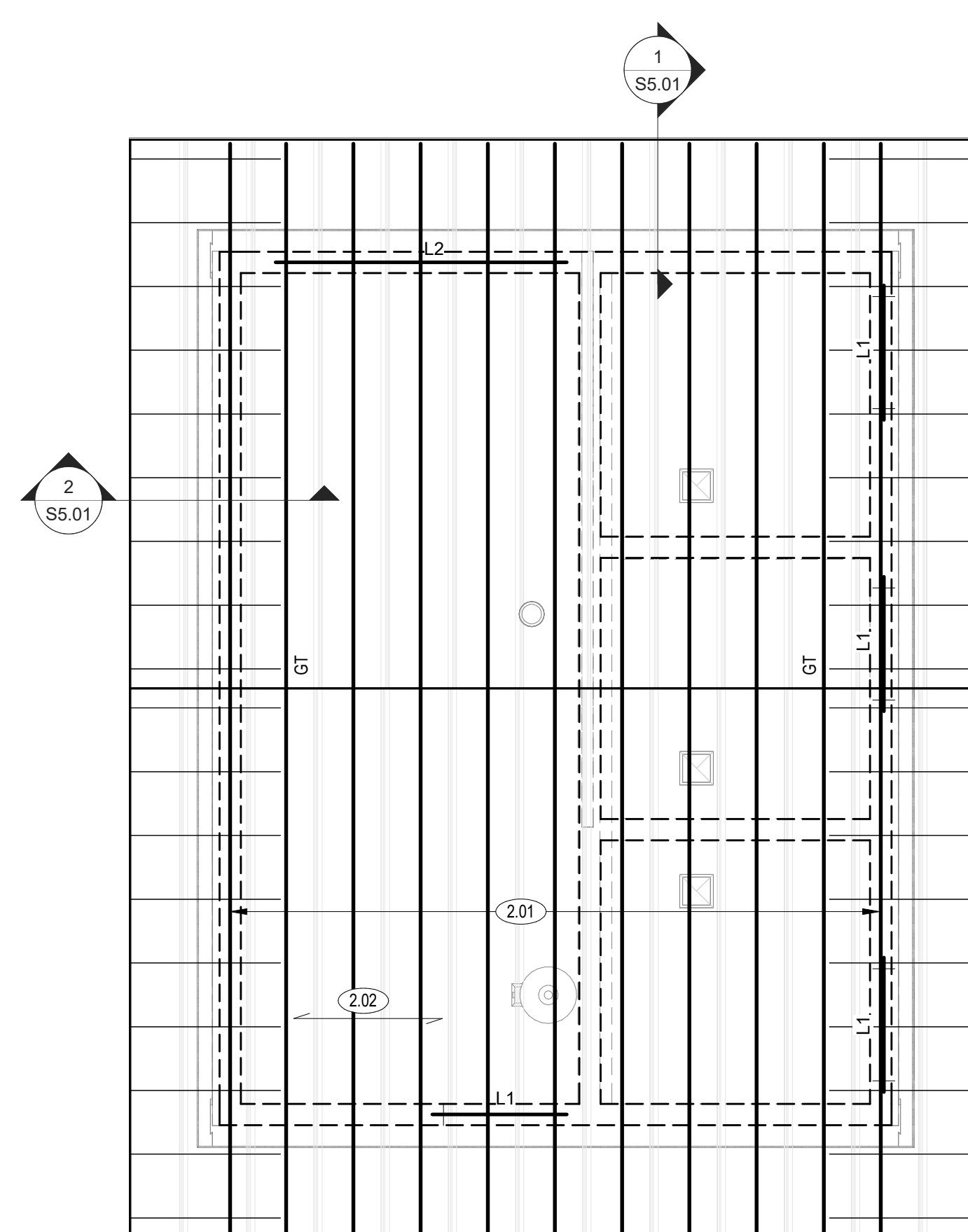
Project Number 23236-B
Drawn By MW, CA
Checked By MG
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Revisions

Drawing



SPECIAL
INSPECTIONS

S0.02



1. ELEVATIONS ARE RELATIVE TO ABSOLUTE FFE SHOWN ON CIVIL, COORD W/ ARCH AND CIVIL.
2. TOP OF EXTERIOR FOOTING (T/ FTG) = -1'-4" BELOW FINISHED FLOOR, TYPICAL UNO
3. REF PLAN FOR TOP OF SLAB ELEVATION (T/ SLAB). COORD W/ ARCH AND CIVIL.
4. ALL WOOD THAT IS PERMANENTLY EXPOSED TO THE EXTERIOR SHALL BE ALASKAN CEDAR UNO.

#.##

- | | |
|---|---|
|  | DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET |
| WF## & TS## | DENOTES WALL FOOTING (WF) OR THICKENED SLAB (TS), REF SCHEDULE THIS SHEET |
|  | DENOTES 8" CMU WALL, REINF W/(1)## @ 48" OC, TYP, UNO |
| CJ | DENOTES SLAB CONTROL OR CONSTRUCTION JOINT, REF TYPICAL DETAILS |

§ (WF)

2

ROOF FRAMING PLAN NOTES

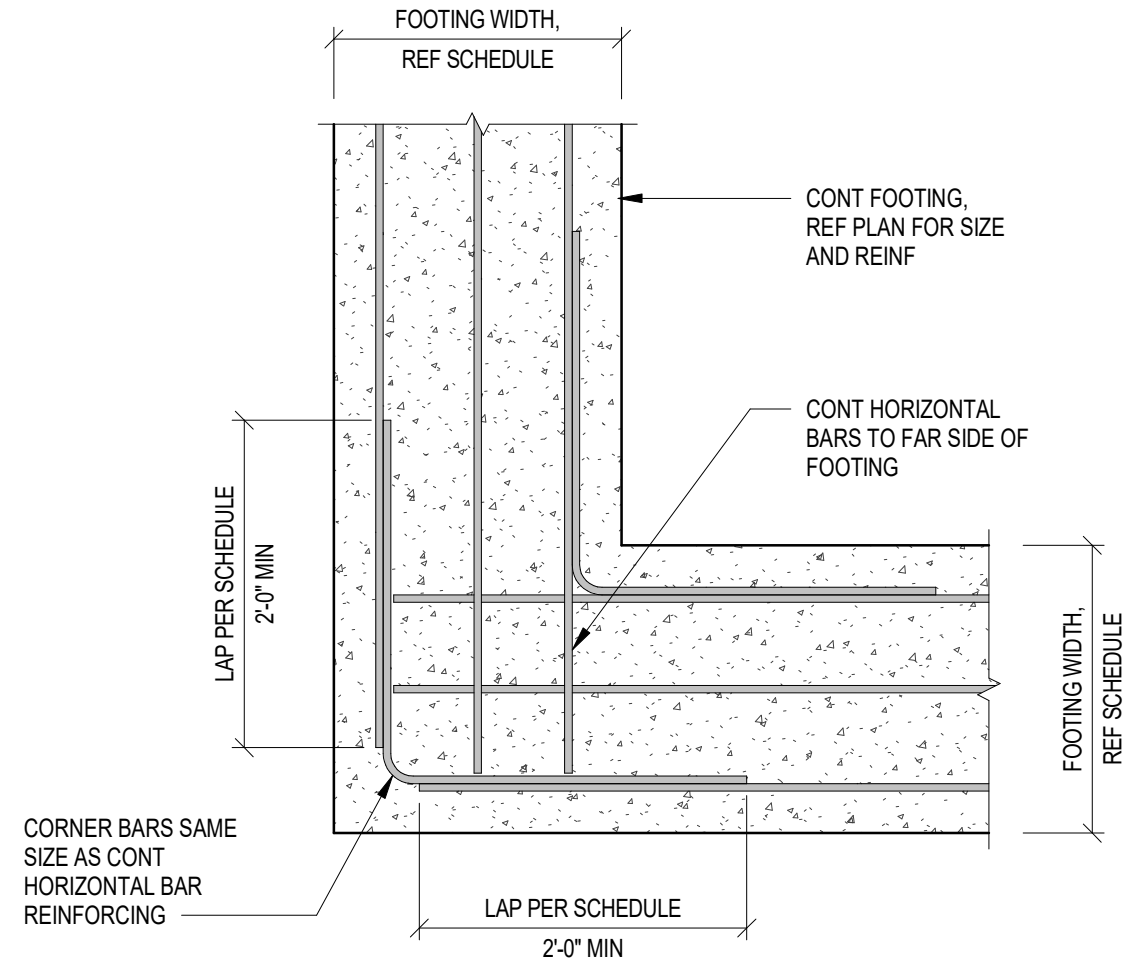
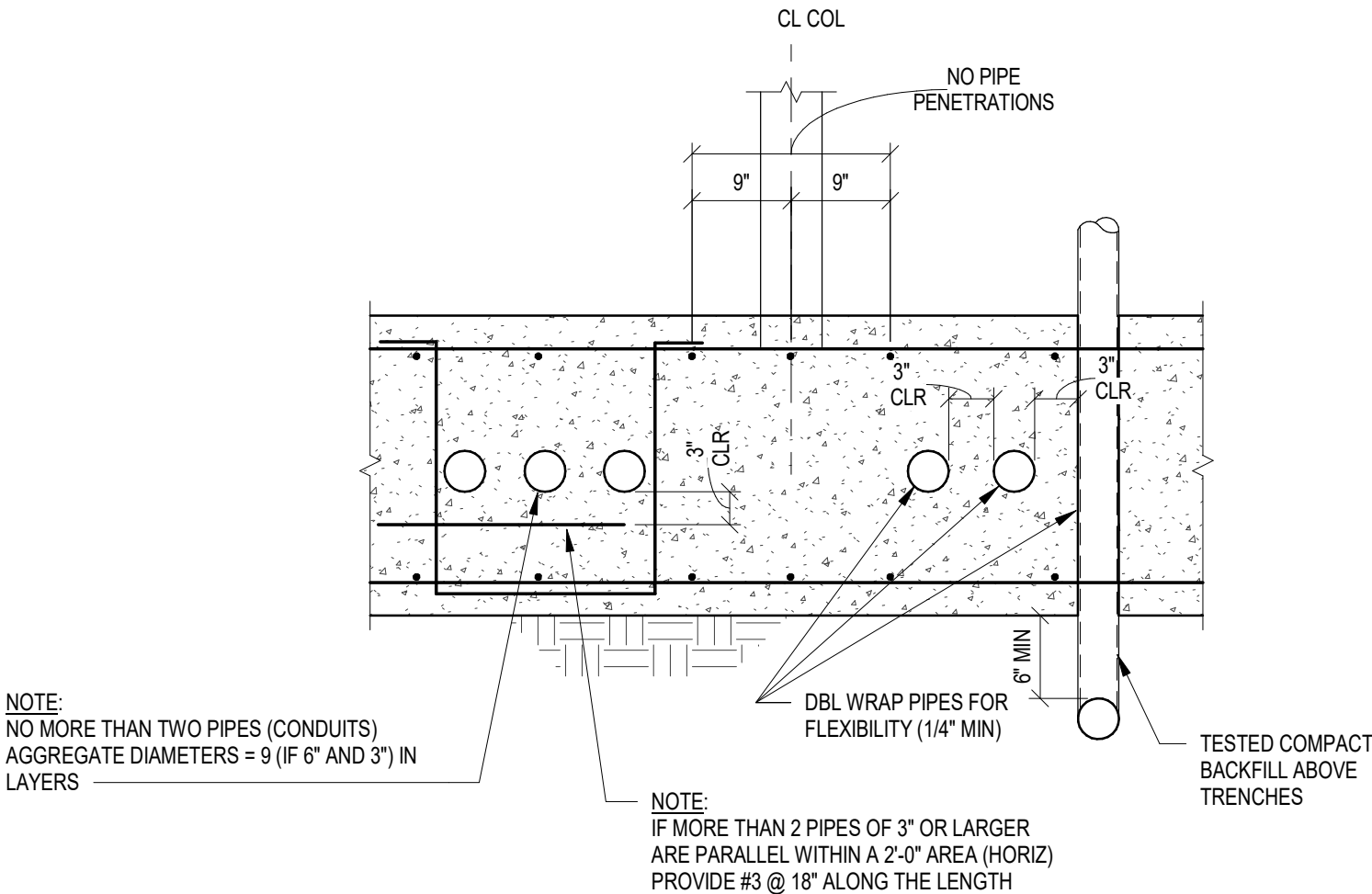
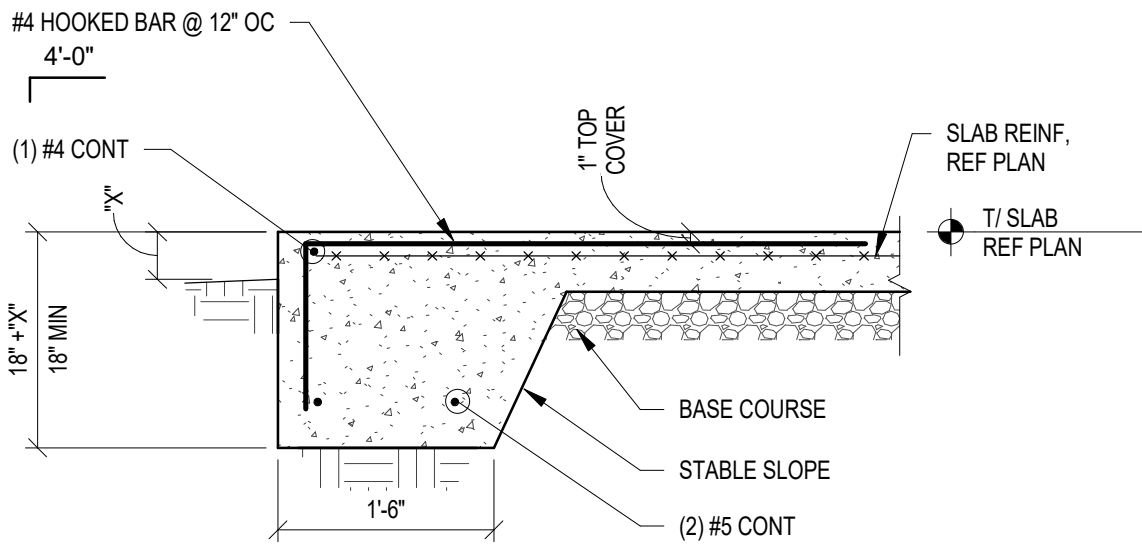
1. TOP OF CMU WALL (T/ CMU) = 10'-0" ABOVE SLAB, TYPICAL UNO.
2. TRUSS BEARING (T/ BEARING) = 10'-3" ABOVE SLAB, TYPICAL UNO.
3. ALL WOOD THAT IS PERMANENTLY EXPOSED TO THE EXTERIOR SHALL BE ALASKAN CEDAR UNO.

ROOF FRAMING PLAN LEGEND

- ### DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET
- ↔ DENOTES DECK SPAN DIRECTION
- L# MASONRY LINTEL WHERE # CORRESPONDS TO TYPE, REF TYPICAL DETAIL

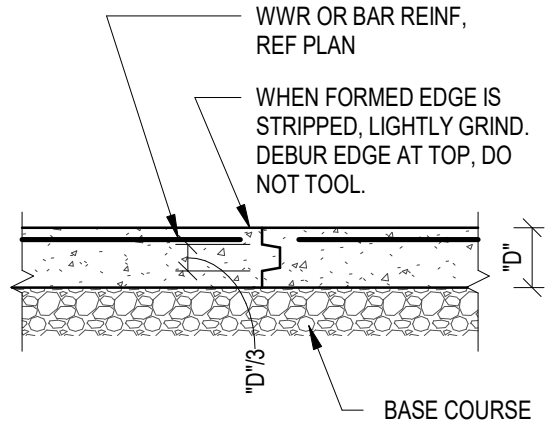
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NOTE REGARDING REINF COVER REQUIREMENTS

ALL REINFORCING SHALL BE PLACED IN ACCORDANCE WITH THE MINIMUM COVER REQUIREMENTS PER ACI AS OUTLINED IN THE GENERAL NOTES. SPECIFIC BAR LOCATIONS SHOWN IN SECTIONS AND DETAILS MAY OVERRIDE BUT NOT VIOLATE THE MINIMUM COVER REQUIREMENTS.



1 TYPICAL TURNDOWN

3/4" = 1'-0"

2 TYPICAL PENETRATION THRU FOOTING

3/4" = 1'-0"

3 TYPICAL FOOTING CORNER REINFORCING DETAIL

3/4" = 1'-0"

4 TYPICAL CONSTRUCTION JOINT

3/4" = 1'-0"

REINFORCING BAR LAP LENGTH SCHEDULE (CLASS B)				
GRADE 60 STEEL				
NORMAL WEIGHT CONCRETE STRENGTH				
BAR	3000 PSI	4000 PSI	5000 PSI	7000 PSI
#3	21"	18"	17"	14"
#4	28"	25"	22"	19"
#5	36"	31"	28"	23"
#6	43"	37"	33"	28"
#7	62"	54"	48"	41"
#8	71"	62"	55"	47"
#9	80"	70"	62"	53"
#10	90"	78"	70"	59"
#11	100"	87"	78"	66"

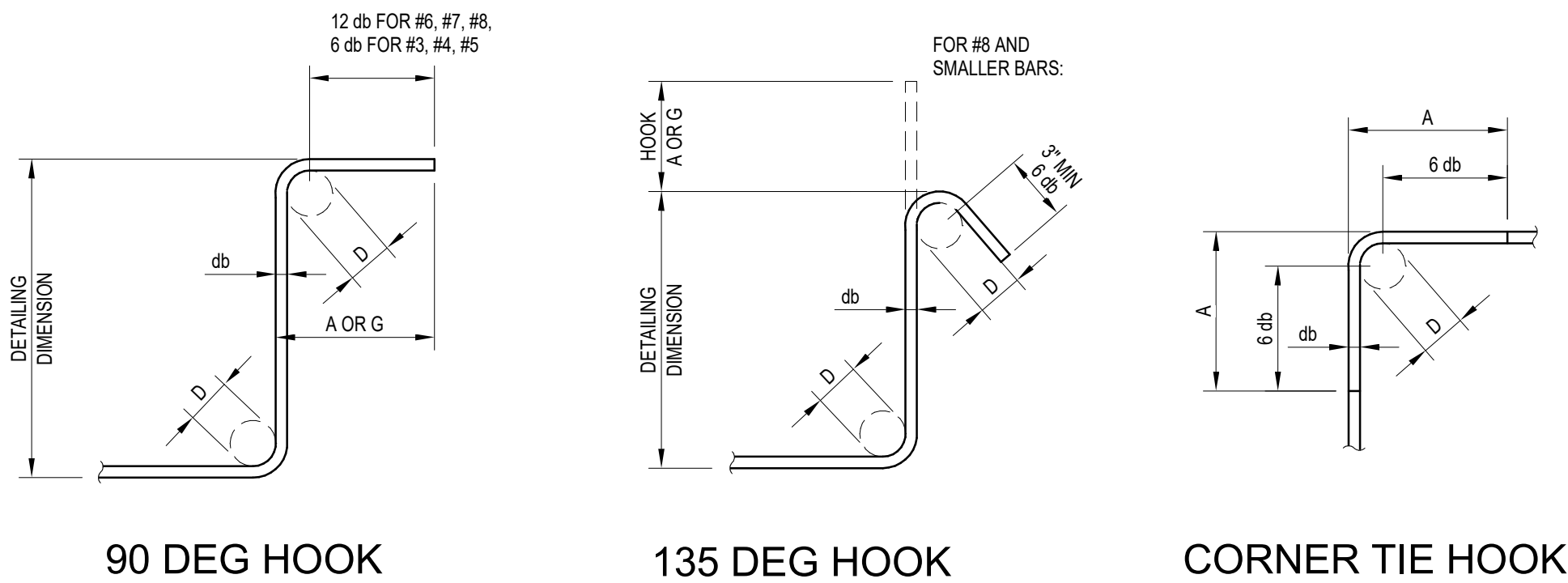
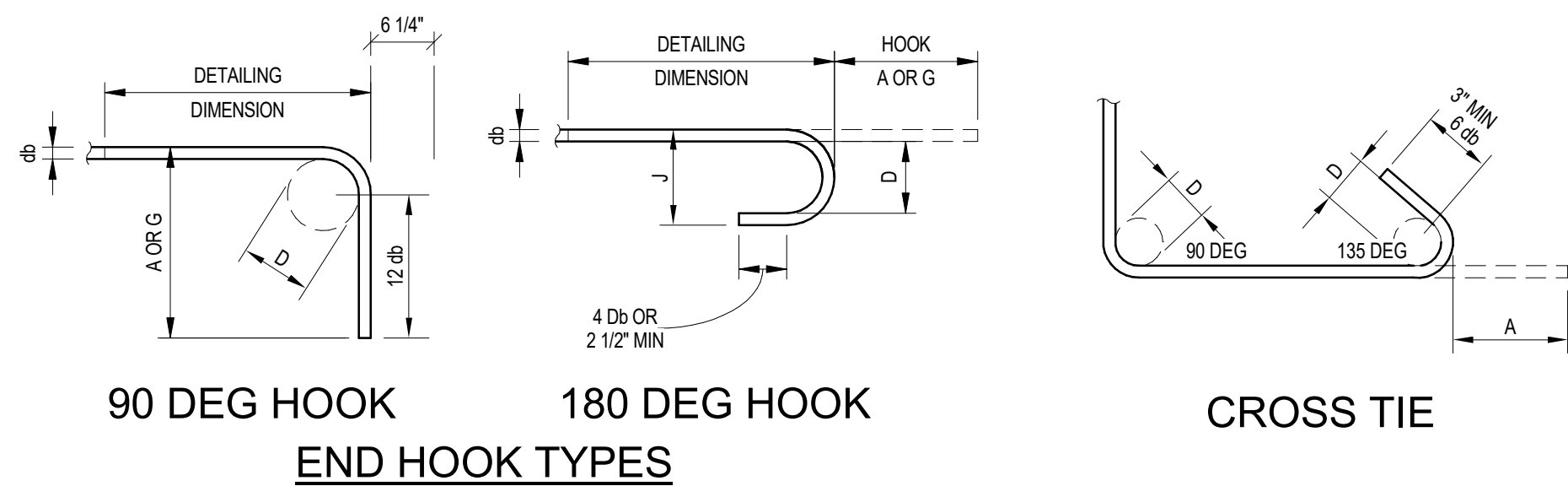
- LAP SCHEDULE NOTES:**
- LENGTH SHOWN CONFORM TO NON-SEISMIC PROVISIONS OF ACI 318 FOR UNCOATED BARS ENCLOSED BY PROPERLY SPACED TIES OR STIRRUPS
 - LENGTH IN TABLE SHALL BE FACTORED FOR THE FOLLOWING CONDITIONS
 - HORIZONTAL BARS MORE THAN 12" ABOVE BOTTOM OF CAST MEMBER: 1.3xTABLE LENGTH
 - LIGHT WEIGHT CONCRETE: 1.3xTABLE LENGTH
 - BAR CLEAR SPACING SHALL BE NO LESS THAN ONE BAR DIAMETER AND/OR BAR CLEAR COVER LESS THAN ONE BAR DIAMETER: 1.5xTABLE LENGTH
 - WHERE MORE THAN ONE CONDITION APPLIES, ALL APPLICABLE FACTORS SHALL BE APPLIED TO LENGTH INDICATED IN TABLE
 - GRADE 80 STEEL: 1.15x TABLE LENGTH (EGN VERIFY)
 - THIS TABLE SHALL APPLY UNLESS SPECIFICALLY NOTED, DETAILED OR SCHEDULED OTHERWISE
 - UNLESS NOTED OTHERWISE ALL REINFORCING BARS SHALL LAP AROUND CORNERS

RECOMMENDED END HOOKS					HOOK MIN DEVELOPMENT LENGTHS (IN)		
BAR SIZE	FINISHED BEND DIAMETER D (IN)	180 DEG HOOKS		90 DEG HOOKS	NORMAL WT CONCRETE		
		A OR G (IN)	J (IN)	A OR G (IN)	3000	4000	5000
#3	2 1/4	5	3	6	9	8	7
#4	3	6	4	8	11	10	9
#5	3 3/4	7	5	10	14	12	11
#6	4 1/2	8	6	12	17	15	13
#7	5 1/4	10	7	14	20	17	15
#8	6	11	8	16	22	19	17
#9	9 1/2	15	11 3/4	19	25	22	20
#10	10 3/4	17	13 1/4	22	28	25	22
#11	12	19	14 3/4	24	31	27	24

- D = INSIDE BEND OF DIAMETER
1. HOOK EMBEDMENT LENGTHS IN TABLE SHALL BE FACTORED FOR THE FOLLOWING CONDITIONS:
- LIGHTWEIGHT CONCRETE: 1.3 x TABLE LENGTH
 - EPOXY COATED BARS: 1.2 x TABLE LENGTH

STIRRUP AND TIE HOOK SCHEDULE			
BAR SIZE	D (IN)	90 DEG HOOK A OR G (IN)	135 DEG HOOK A OR G (IN)
#3	1 1/2	4	4
#4	2	4 1/2	4 1/2
#5	2 1/2	6	5 1/2

D = INSIDE BEND OF DIAMETER

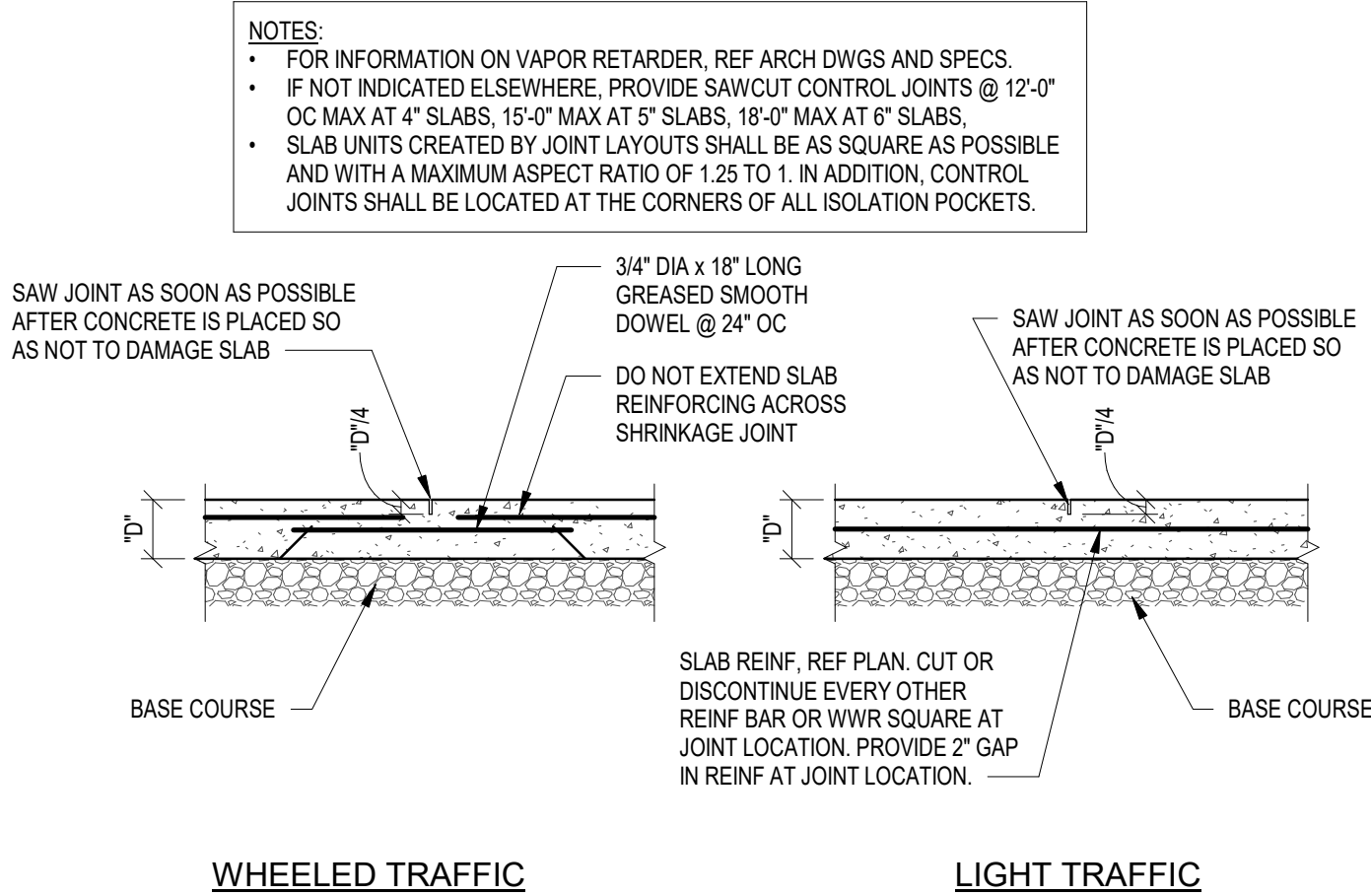


5 REINF BAR LAP LENGTH SCHEDULE

3/4" = 1'-0"

6 STIRRUP AND TIE HOOK TYPES DETAIL

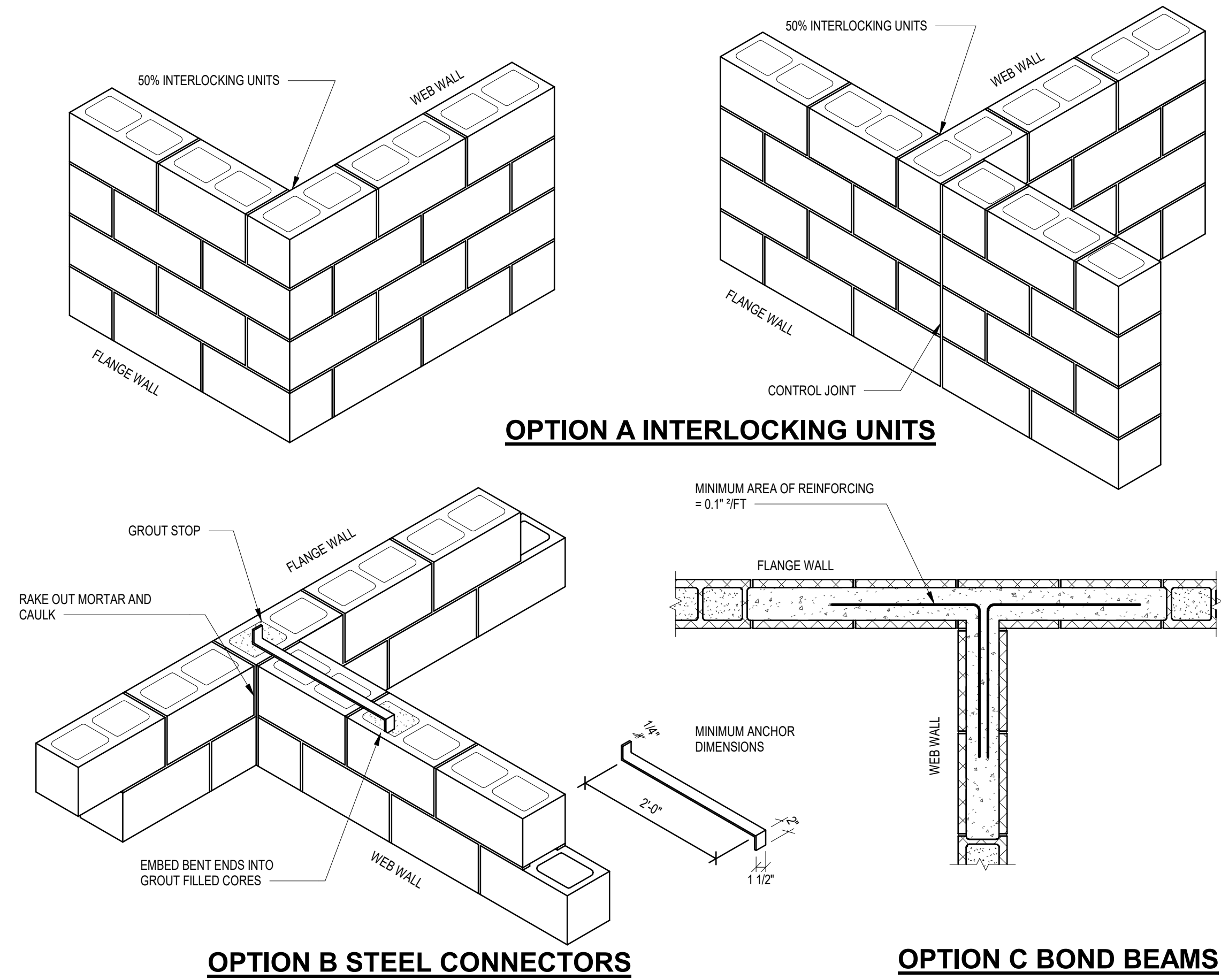
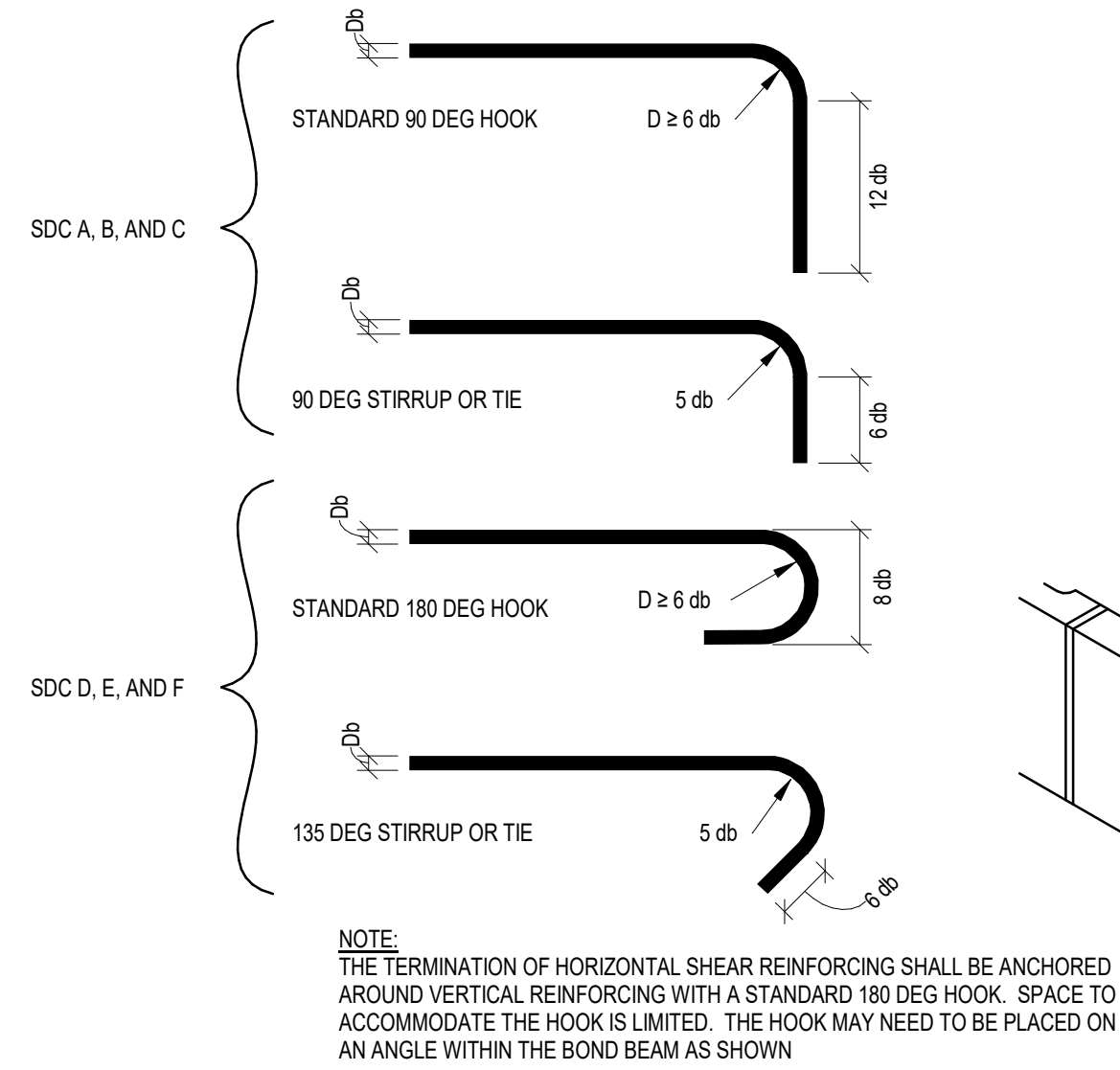
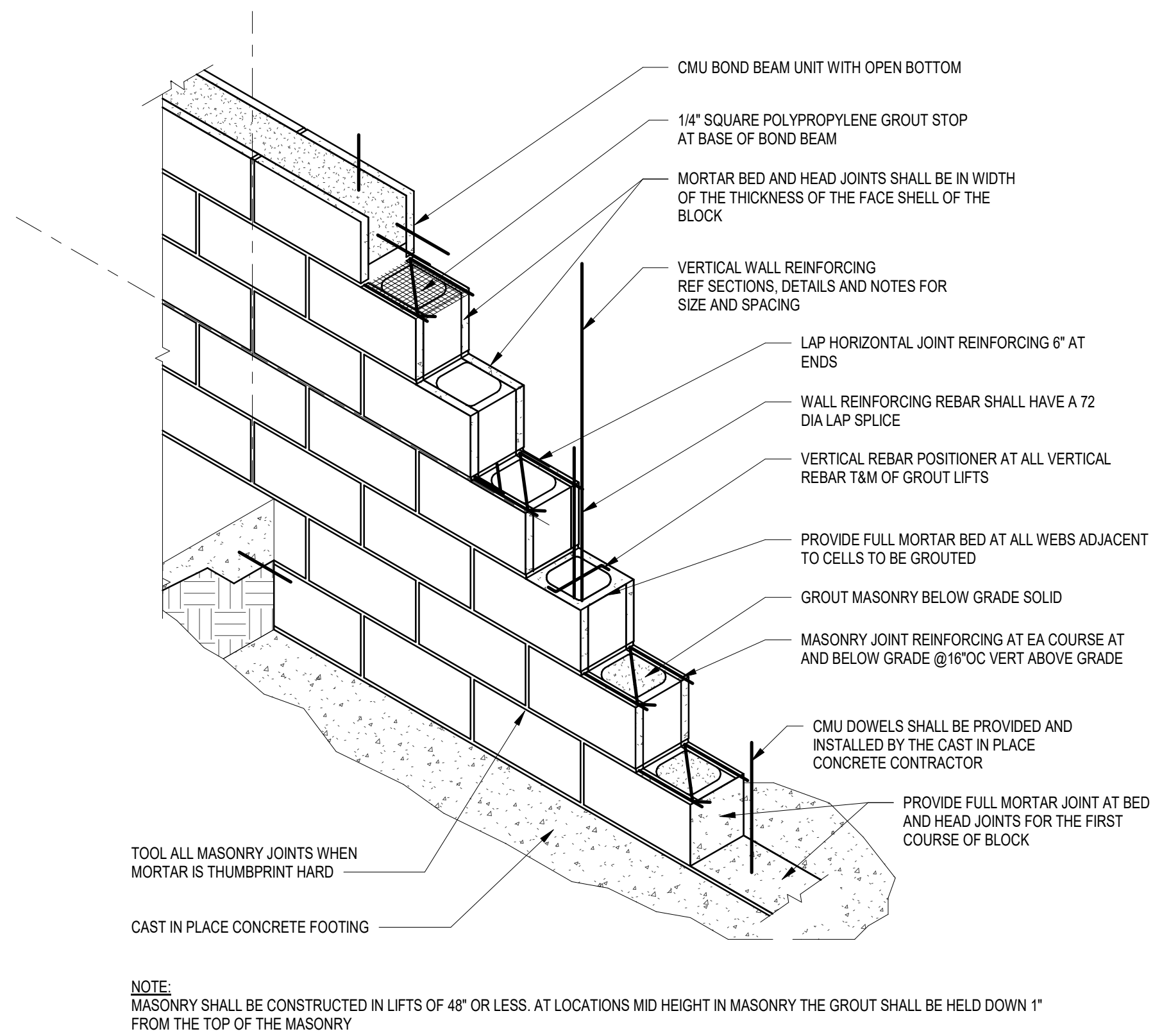
3/4" = 1'-0"



7 TYPICAL SAWCUT CONTROL JOINT

3/4" = 1'-0"

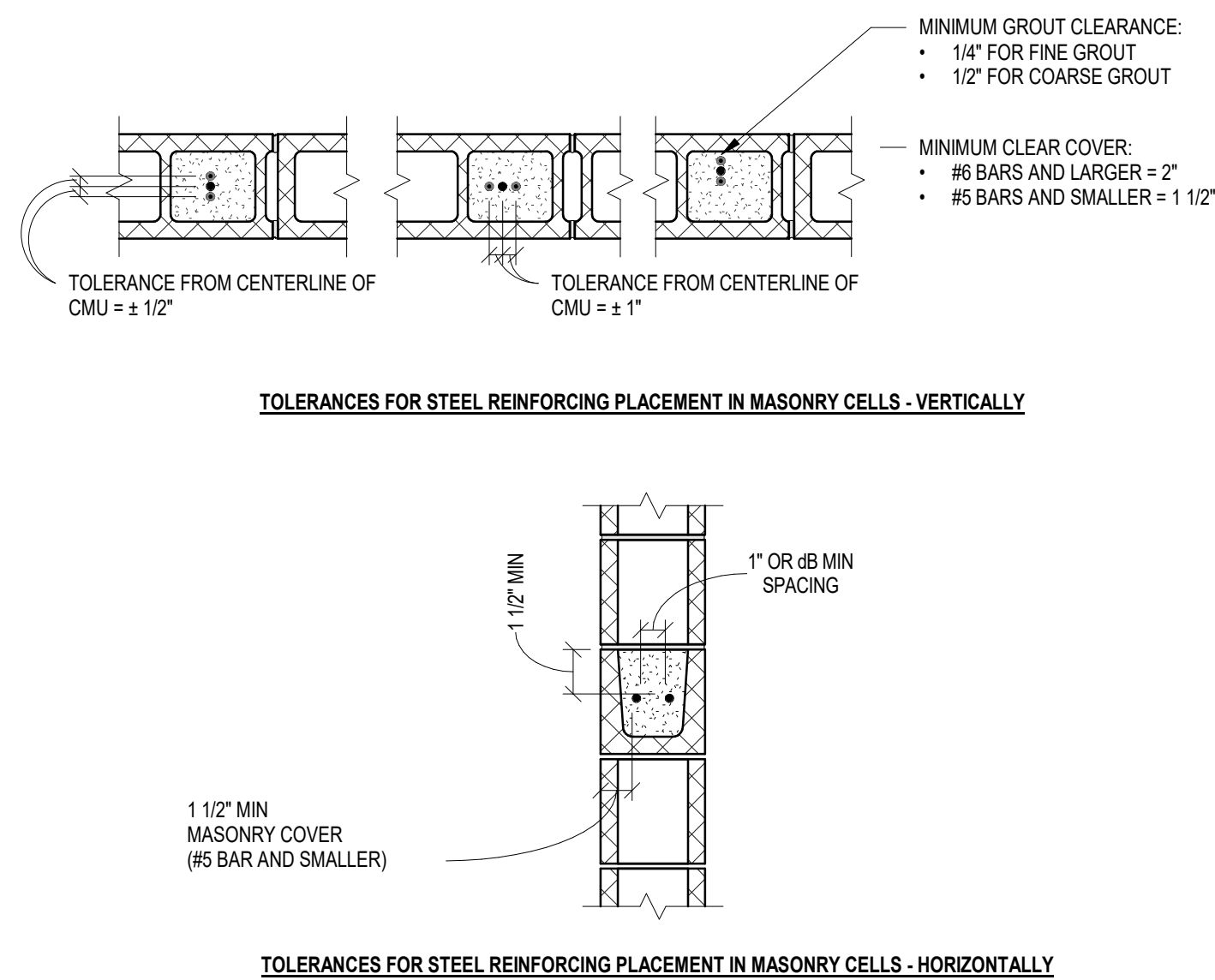
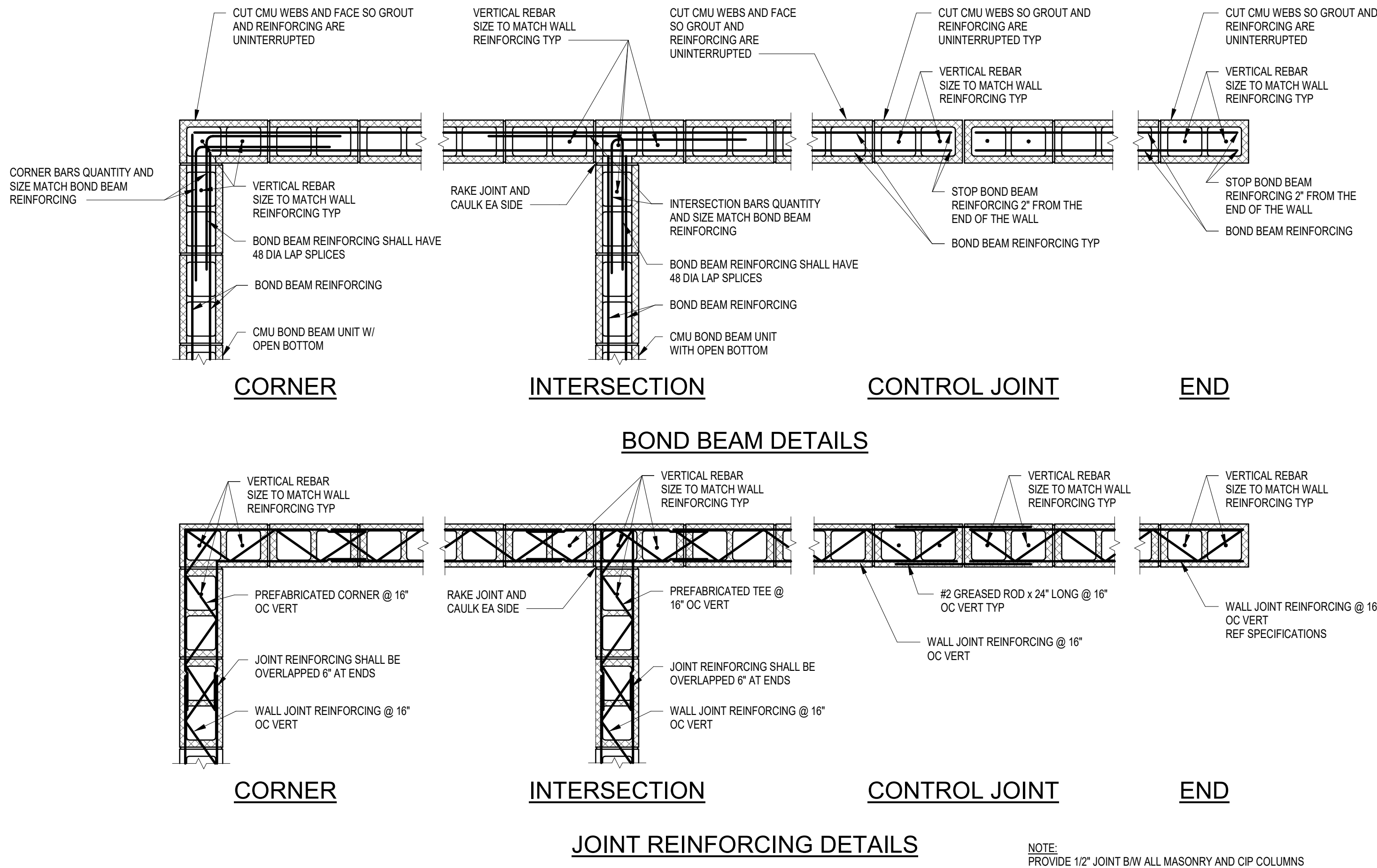
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1 WALL CONSTRUCTION

2 MASONRY WALL HORIZONTAL REINFORCING - STANDARD HOOKS AND BENDS

3 INTERSECTING WALLS



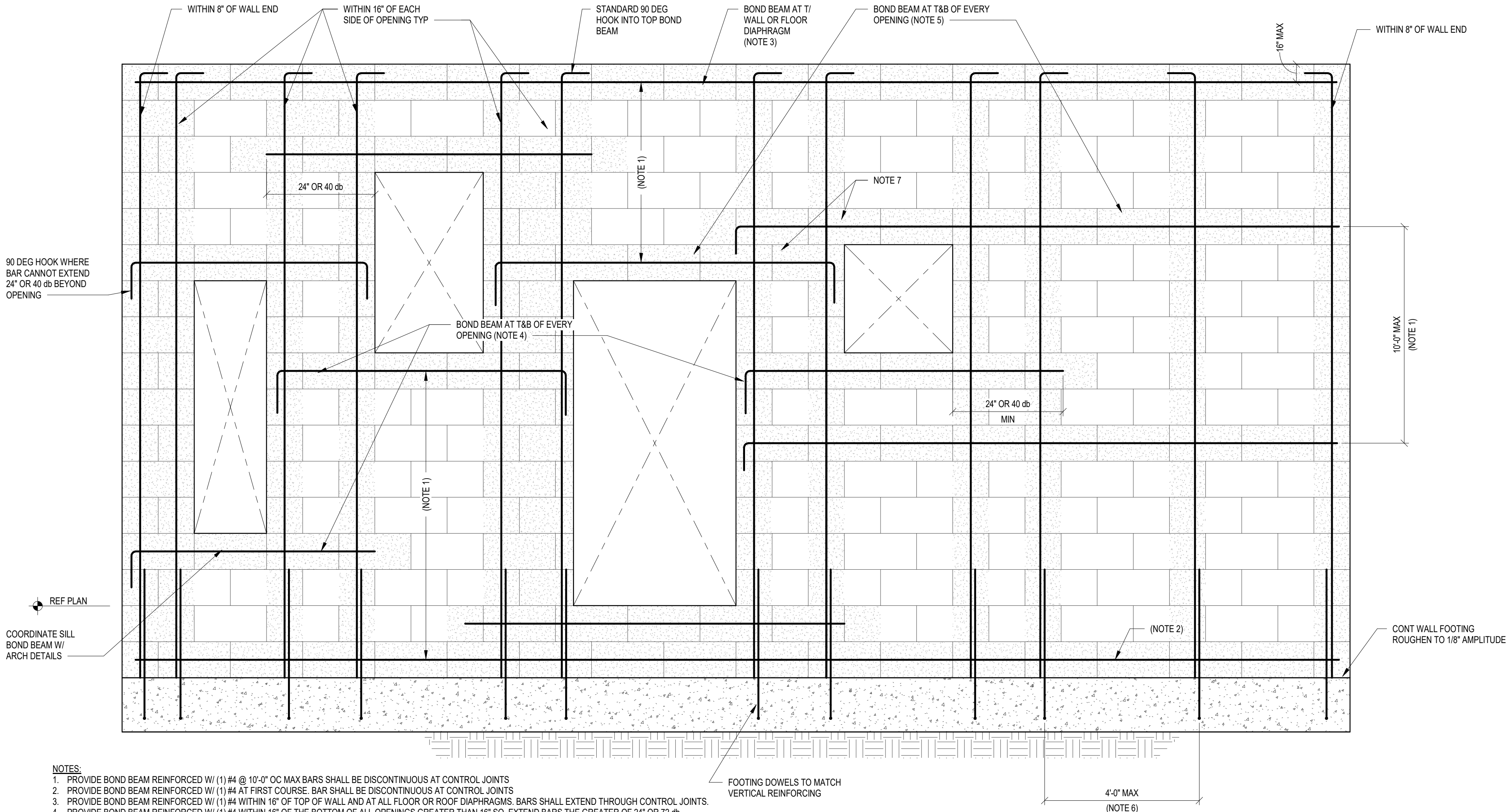
MINIMUM LAP SPLICE FOR REINFORCING BARS CENTERED IN WALL (VERTICAL AND HORIZONTAL)						
BAR SIZE	6\" CMU		8\" CMU		12\" CMU	
	STRAIGHT SPLICE	HOOK SPLICE	STRAIGHT SPLICE	HOOK SPLICE	STRAIGHT SPLICE	HOOK SPLICE
#3	12\"	12\"	12\"	12\"	12\"	12\"
#4	18\"	12\"	13\"	12\"	12\"	12\"
#5	28\"	20\"	20\"	12\"	13\"	12\"
#6	NP	NP	39\"	30\"	25\"	16\"
#7	NP	NP	53\"	42\"	34\"	23\"
#8	NP	NP	NP	NP	51\"	38\"
#9	NP	NP	NP	NP	66\"	52\"

- LAP SCHEDULE NOTES:
- TABLE IS BASED OFF OF COMPRESSIVE STRENGTH OF MASONRY (f_m) EQUAL TO 1,900 PSI AND YIELD STRENGTH OF REINFORCING STEEL EQUAL TO 60,000 PSI.
 - DEVELOPMENT LENGTHS INDICATED ARE APPLICABLE FOR MASONRY COMPRESSIVE STRENGTH (f_m) EQUAL TO 1,900 PSI OR GREATER, AND A YIELD STRENGTH OF REINFORCING STEEL EQUAL TO 60,000 PSI OR LESS (DEVELOPMENT LENGTH REQUIRED IS REDUCED WHEN $f_m > 1,900$ PSI OR $F_y < 60,000$ PSI).
 - "NP" DENOTES NOT PERMITTED.
 - FOR EPOXY-COATED REINFORCING, MULTIPLY NUMBERS IN TABLE ABOVE BY 1.5.
 - REINFORCING SHALL BE PLACED IN THE CENTER OF THE CELL AND WITHIN ALLOWABLE TOLERANCES SET FORTH BY GOVERNING CODE.
 - THE TABLE ABOVE APPLIES TO ONLY ONE VERTICAL BAR PER CELL AND REBARS SPLICED BY CONTACT. NON-CONTACT SPLICES SHALL NOT BE SPACED TRANSVERSELY FURTHER APART THAN ONE-FIFTH THE REQUIRED LAP LENGTH NOR MORE THAN 8\".
 - STANDARD HOOKS ARE CONSIDERED TO DEVELOP AN EQUIVALENT EMBEDMENT LENGTH l_d EQUAL TO 13 db MEASURED FROM THE POINT OF THE TANGENCY AT START OF HOOK BEND. IF CONFORMING HOOK DIMENSIONS AND DETAILING ARE PROVIDED, 'STRAIGHT SPLICE' LENGTHS MAY BE REDUCED TO 'HOOK SPLICE' LENGTHS.
 - MECHANICAL SPLICES MAY BE USED AT CONTRACTOR'S OPTION. MECHANICAL SPLICES SHALL DEVELOP, IN TENSION, AT LEAST 125% OF THE SPECIFIED YIELD STRENGTH (F_y) OF THE SPLICED BAR. SUBMIT MECHANICAL SPLICE DEVICE TO ENGINEER OF RECORD FOR APPROVAL. WHERE MECHANICAL SPLICES ARE USED STAGGER ADJACENT SPLICES BY 24\" ON CENTER.

5 TOLERANCES FOR STEEL REINFORCEMENT PLACEMENT IN MASONRY CELLS

6 CMU LAP SPLICE TABLE

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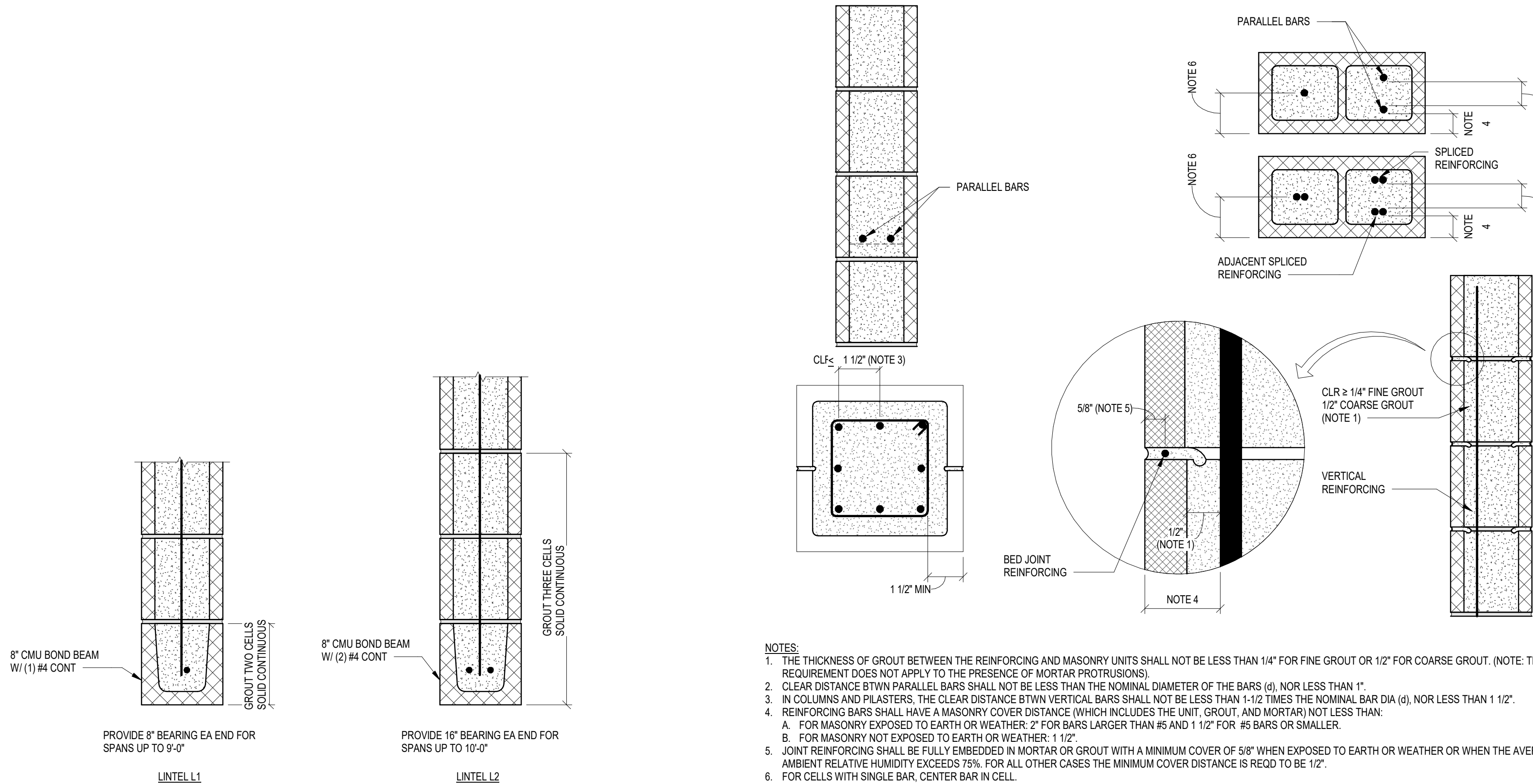


- NOTES:
1. PROVIDE BOND BEAM REINFORCED W/ (1) #4 @ 10'-0" OC MAX BARS SHALL BE DISCONTINUOUS AT CONTROL JOINTS
 2. PROVIDE BOND BEAM REINFORCED W/ (1) #4 AT FIRST COURSE. BAR SHALL BE DISCONTINUOUS AT CONTROL JOINTS
 3. PROVIDE BOND BEAM REINFORCED W/ (1) #4 WITHIN 16" OF TOP OF WALL AND AT ALL FLOOR OR ROOF DIAPHRAGMS. BARS SHALL EXTEND THROUGH CONTROL JOINTS.
 4. PROVIDE BOND BEAM REINFORCED W/ (1) #4 WITHIN 16" OF THE BOTTOM OF ALL OPENINGS GREATER THAN 16" SQ. EXTEND BARS THE GREATER OF 24" OR T2 db BEYOND OPENINGS. PROVIDE STANDARD HOOK WHERE OPENINGS IS CLOSE TO WALL END OR CONTROL JOINT.
 5. PROVIDE CMU LINTEL OVER ALL OPENINGS PER LINTEL SCHEDULE. EXTEND BARS THE GREATER OF 24" OR 40 db BEYOND OPENINGS. PROVIDE STANDARD HOOK WHERE OPENING IS CLOSE TO WALL END OR CONTROL JOINT.
 6. PROVIDE VERTICAL REINFORCING PER PLANS AND DETAILS. SPACING SHALL NOT EXCEED 3'-4" OC FOR #5 BARS OR 4'-0" FOR #6 BARS.
 7. CONTINUOUS BOND BEAMS MAY STEP IN ELEVATION WHERE REQD BY OPENINGS PROVIDED MAXIMUM SPACING IS NOT EXCEEDED AT ANY LOCATION.

1

MASONRY SHEAR WALL W/ ORDINARY & INTERMEDIATE REINFORCING LAYOUT

3/4" = 1'-0"



- NOTES:
1. THE THICKNESS OF GROUT BETWEEN THE REINFORCING AND MASONRY UNITS SHALL NOT BE LESS THAN 1/4" FOR FINE GROUT OR 1/2" FOR COARSE GROUT. (NOTE: THIS REQUIREMENT DOES NOT APPLY TO THE PRESENCE OF MORTAR PROTRUSIONS).
 2. CLEAR DISTANCE BTWN PARALLEL BARS SHALL NOT BE LESS THAN THE NOMINAL DIAMETER OF THE BARS (d), NOR LESS THAN 1".
 3. IN COLUMNS AND PILASTERS, THE CLEAR DISTANCE BTWN VERTICAL BARS SHALL NOT BE LESS THAN 1-1/2 TIMES THE NOMINAL BAR DIA (d), NOR LESS THAN 1 1/2".
 4. REINFORCING BARS SHALL HAVE A MASONRY COVER DISTANCE (WHICH INCLUDES THE UNIT, GROUT, AND MORTAR) NOT LESS THAN:
A. FOR MASONRY EXPOSED TO EARTH OR WEATHER: 2" FOR BARS LARGER THAN #5 AND 1 1/2" FOR #5 BARS OR SMALLER.
B. FOR MASONRY NOT EXPOSED TO EARTH OR WEATHER: 1 1/2".
 5. JOINT REINFORCING SHALL BE FULLY EMBEDDED IN MORTAR OR GROUT WITH A MINIMUM COVER OF 5/8" WHEN EXPOSED TO EARTH OR WEATHER OR WHEN THE AVERAGE AMBIENT RELATIVE HUMIDITY EXCEEDS 75%. FOR ALL OTHER CASES THE MINIMUM COVER DISTANCE IS REQD TO BE 1/2".
 6. FOR CELLS WITH SINGLE BAR, CENTER BAR IN CELL.

4

TYP LINTEL

1 1/2" = 1'-0"

5

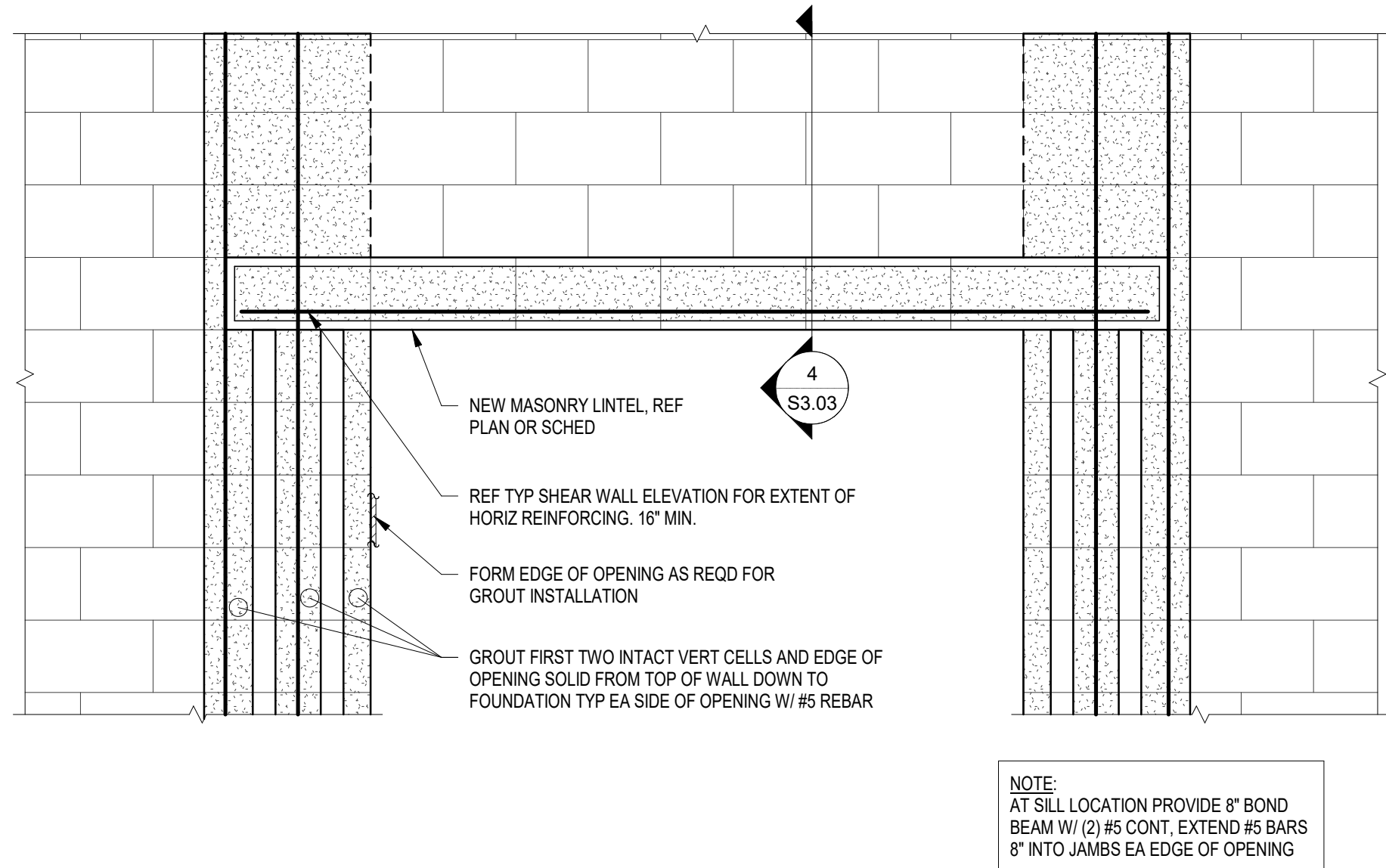
PLACEMENT OF REINFORCEMENT

1 1/2" = 1'-0"

3

OPENING IN MASONRY WALL

3/4" = 1'-0"



Seal



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ARCHITECTS

DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com

Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23236-B
Drawn By MW, CA
Checked By MG
Date 31 JUL 2025

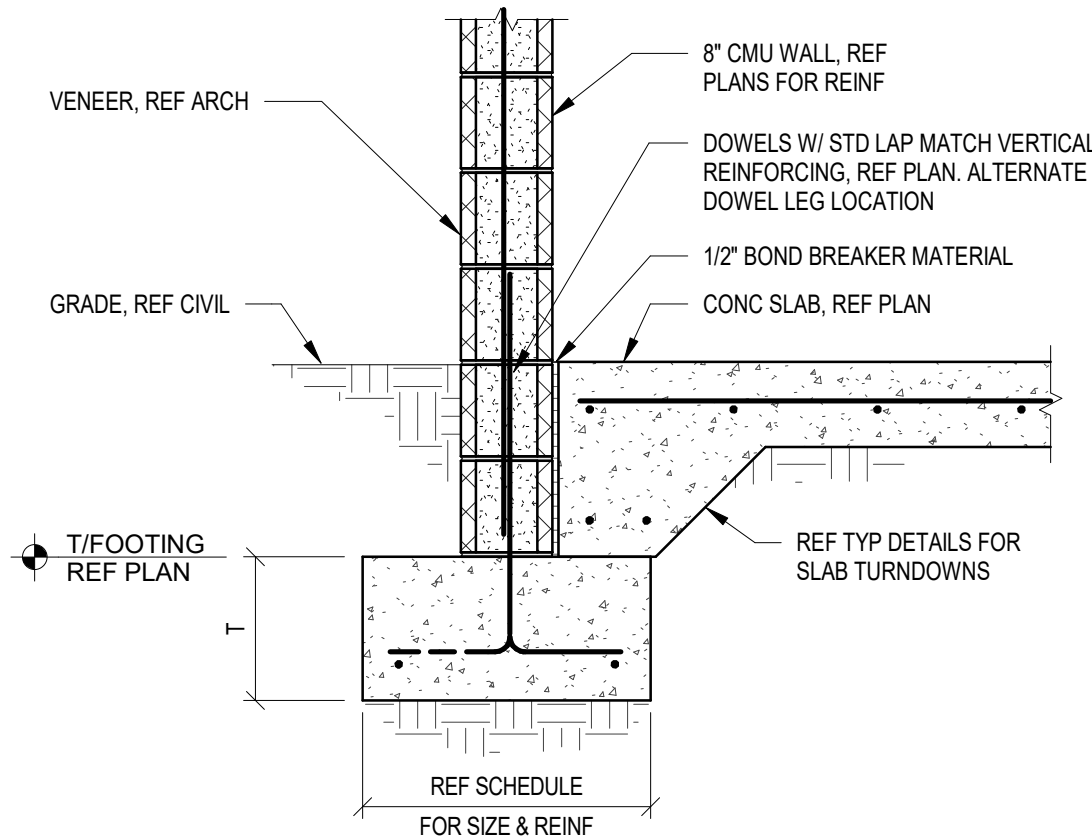
Revisions

Drawing

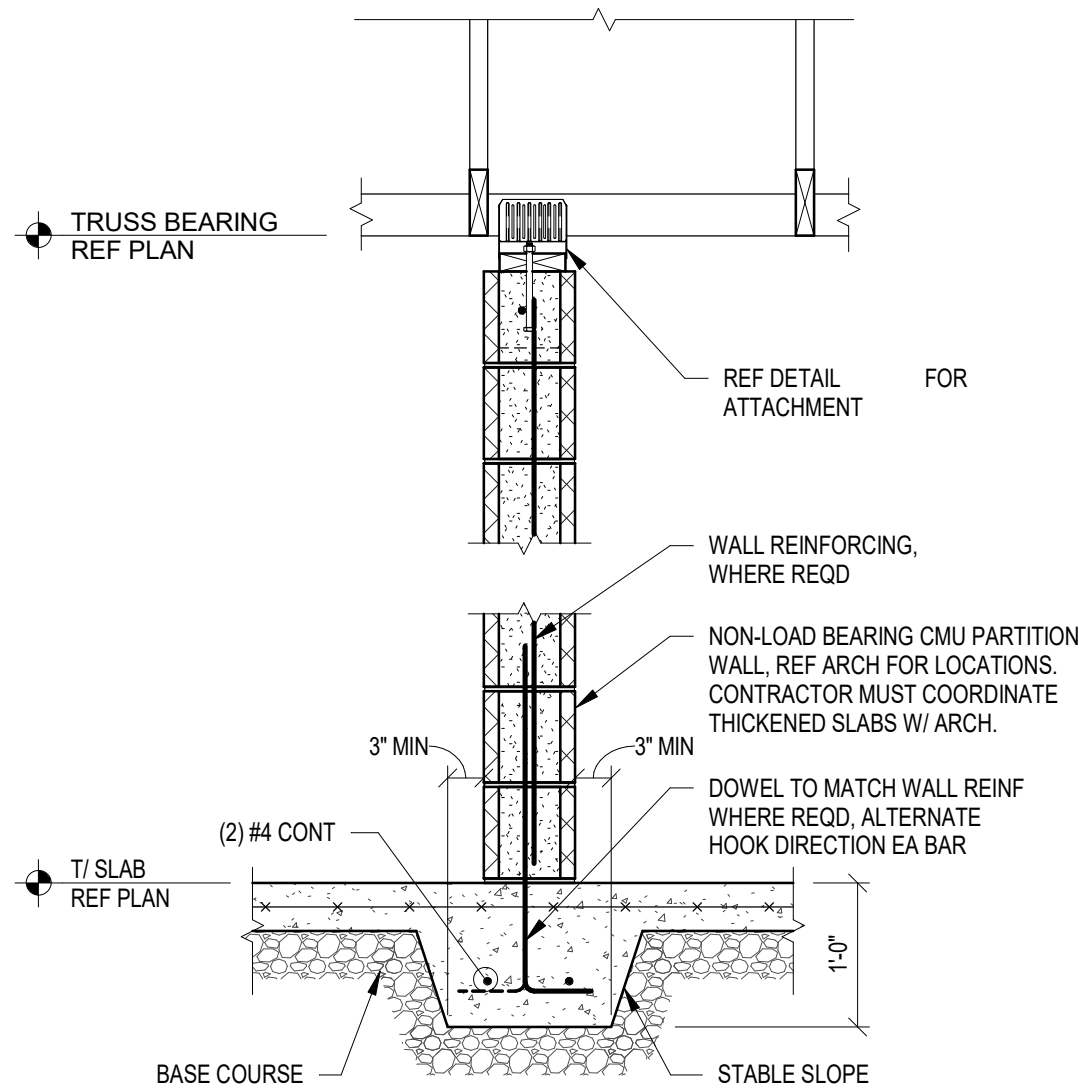
TYPICAL MASONRY
DETAILS

S3.03

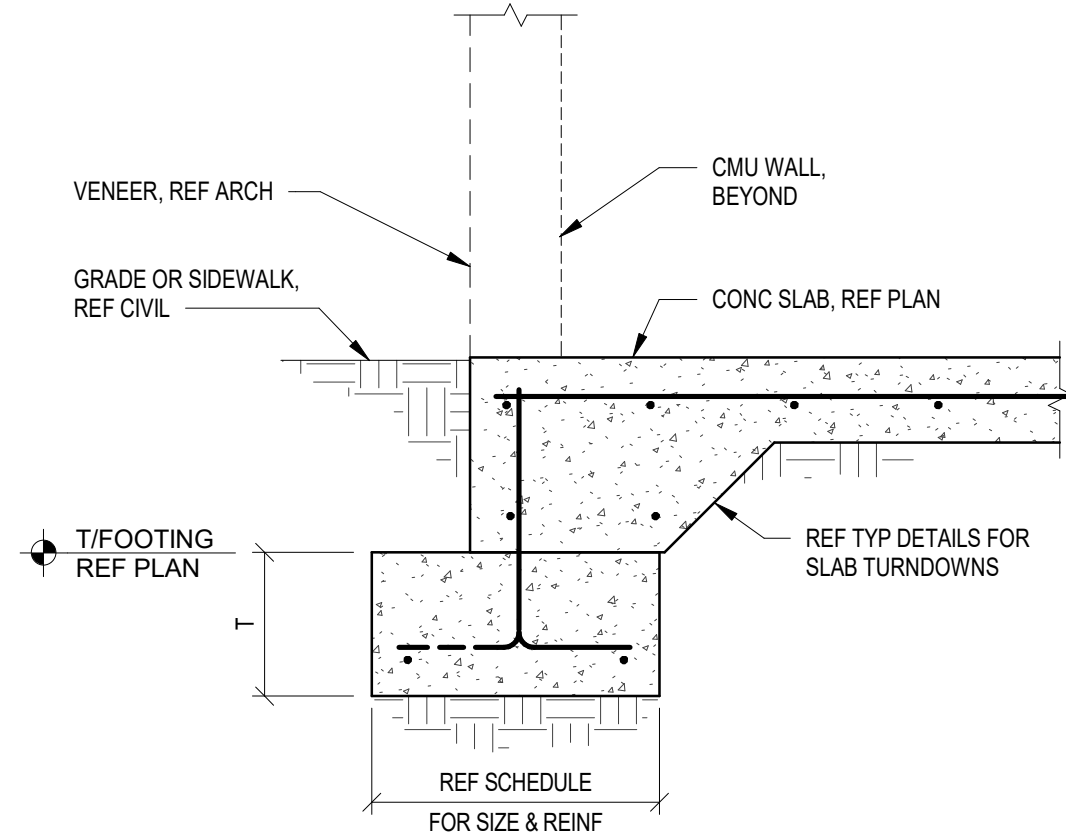
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1 SECTION
3/4" = 1'-0"



2 THICKENED SLAB AT
NON-LOADBEARING INTERIOR WALLS
3/4" = 1'-0"



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

NOTE REGARDING REINF COVER REQUIREMENTS
ALL REINFORCING SHALL BE PLACED IN ACCORDANCE WITH THE MINIMUM COVER REQUIREMENTS PER ACI AS OUTLINED IN THE GENERAL NOTES. SPECIFIC BAR LOCATIONS SHOWN IN SECTIONS AND DETAILS MAY OVERRIDE BUT NOT VIOLATE THE MINIMUM COVER REQUIREMENTS.

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DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com

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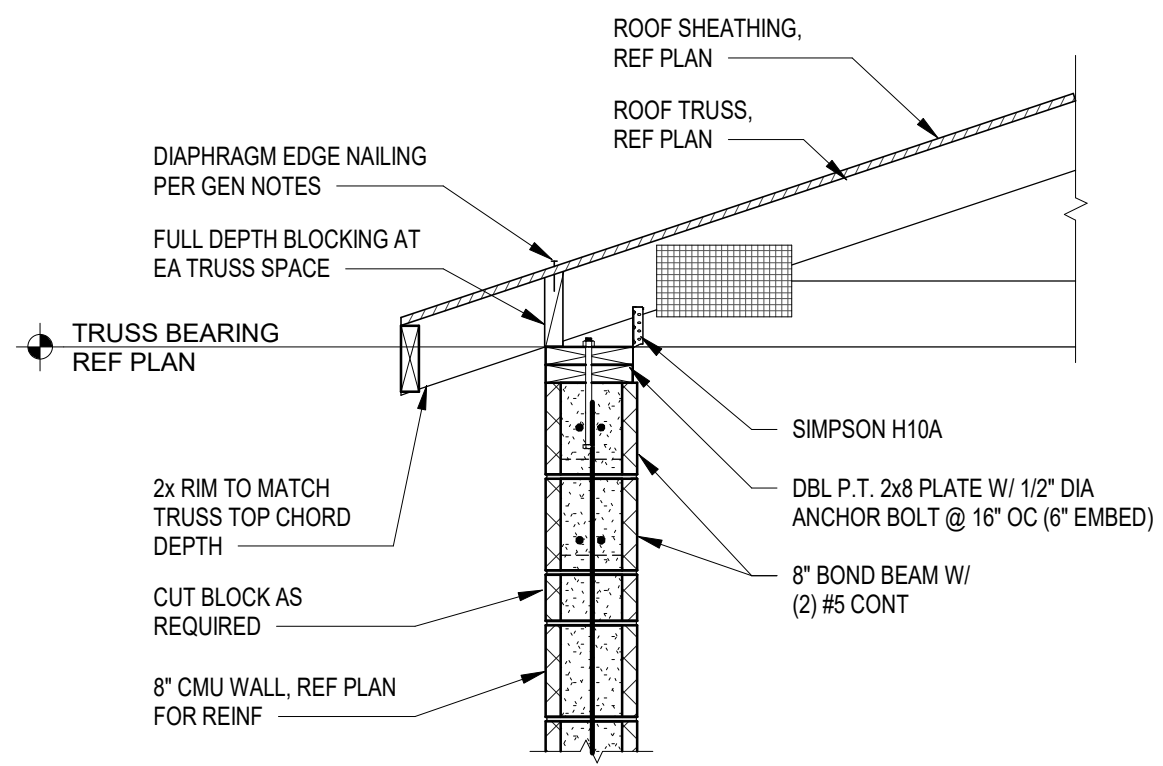
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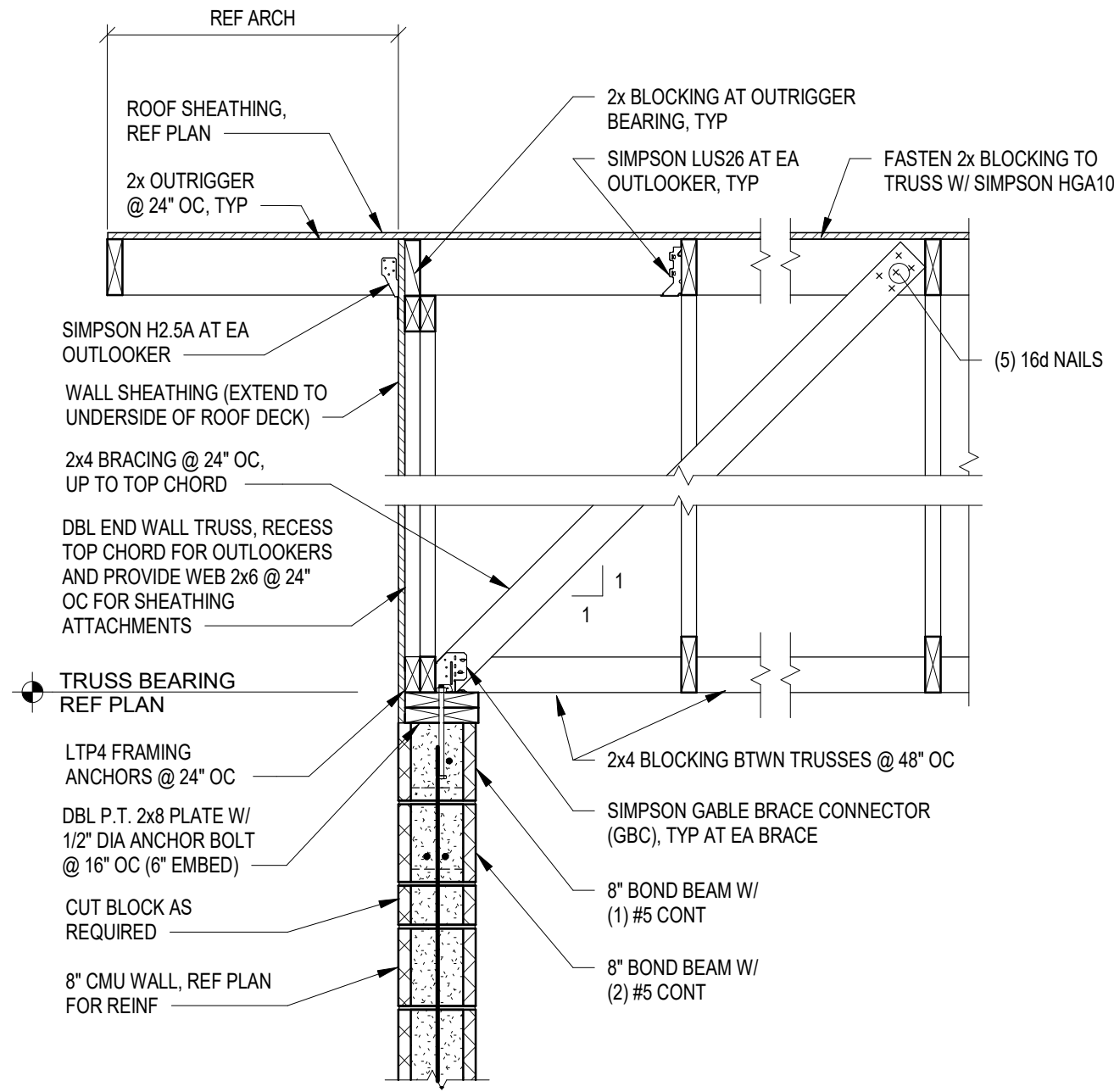
FOUNDATION
SECTIONS

S4.01

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



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



BRITT, PETERS
AND
ASSOCIATES
INC.
consulting engineers

101 Falls Park Drive
Suite 601
Greenville, SC 29601
(864) 271-8869
www.brittpeters.com
BPA Project #: 240369

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ARCHITECTS

DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
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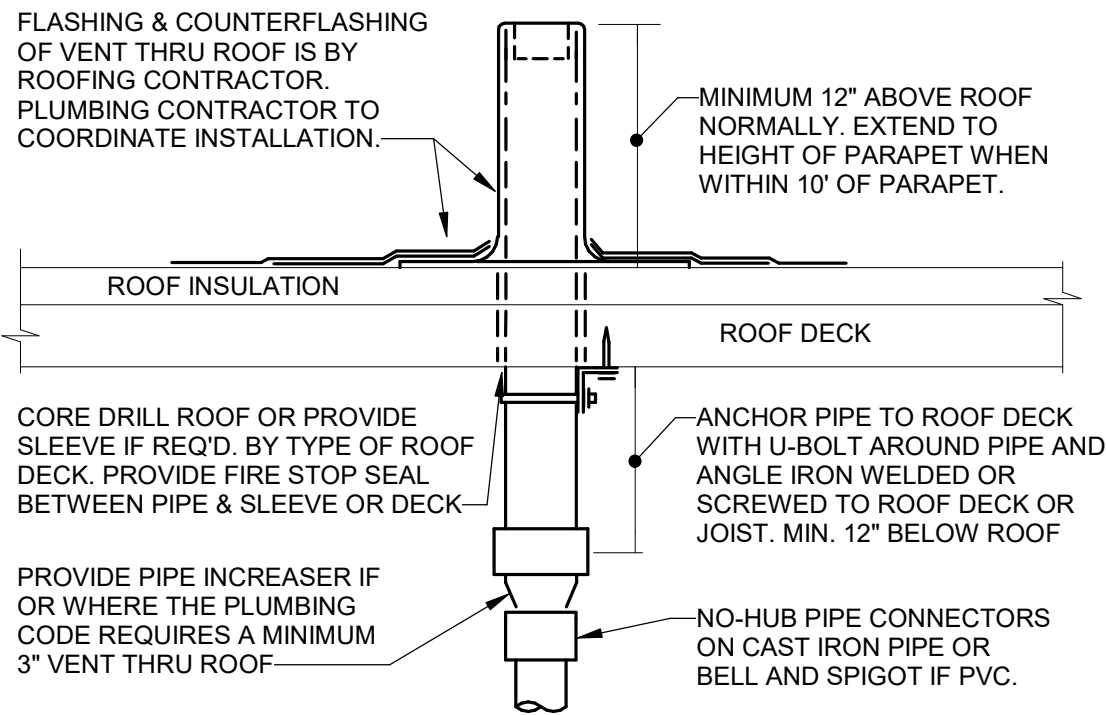
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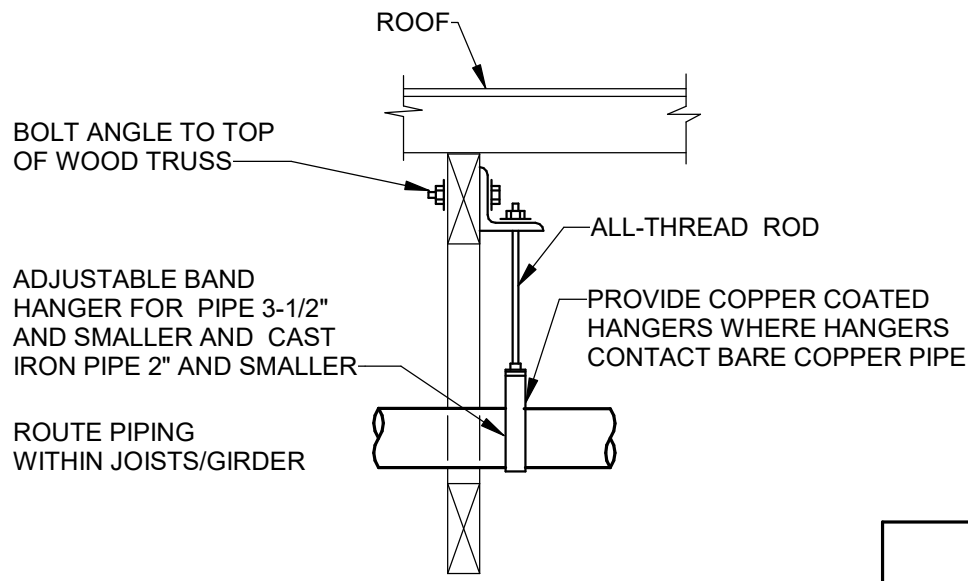
ROOF SECTIONS

S5.01



- REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS.
- LOCATE VTR MIN. 3 FEET FROM PROPERTY LINE, 10 FEET HORIZONTAL OR 3 FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, OR 1 FOOT FROM ANY VERTICAL SURFACE.
- LOCATE VTR MINIMUM 18" FROM PARAPET, EXPANSION JOINT, EQUIPMENT CURB, ETC. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS.

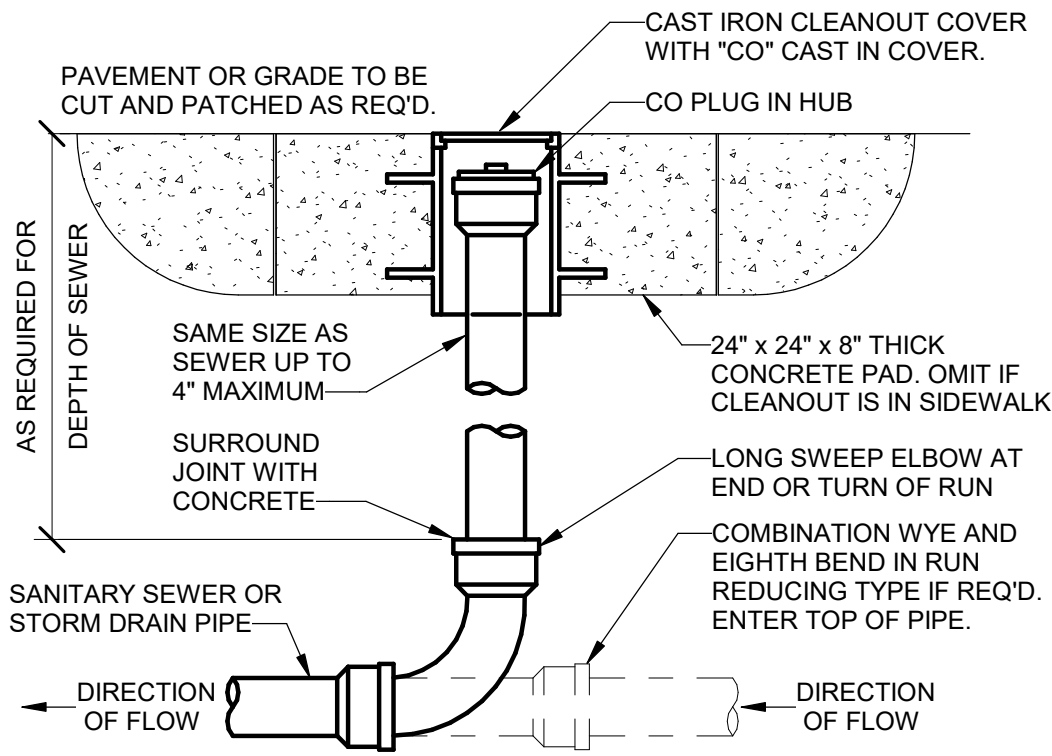
6 VENT THRU ROOF - VTR
P0.01 NOT TO SCALE



- PROVIDE UPPER ATTACHMENT AS REQUIRED FOR CASES NOT SHOWN HERE. DO NOT INSTALL HANGER INSIDE INSULATION OR OTHERWISE PENETRATE VAPOR BARRIER.
- DO NOT HANG ONE PIPE FROM ANOTHER EXCEPT IN CHASES. SLOPE ALL WATER PIPING SLIGHTLY TOWARD DRAINABLE LOCATIONS. HANGER SPACING FOR PIPE SIZE: AS INDICATED ON TABLE.
- CAST IRON: 10' AND WITHIN 1'-0" OF ALL JOINTS. ROD SIZES FOR PIPE SIZE: 2" AND SMALLER = 3/8", 2 1/2" TO 3" = 1/2", 4" = 5/8", 6" = 3/4", 8" AND LARGER = 7/8".
- LOCATE HANGERS WITHIN 1'-0" OF VALVES AND FITTINGS. PROVIDE SUPPLEMENTARY STEEL STRUTS BETWEEN JOISTS IF REQUIRED.
- LOCATE HANGERS WITHIN 1'-0" OF EQUIPMENT CONNECTIONS. ANCHOR WATER PIPE AGAINST SWAYING DUE TO CHANGES IN WATER VELOCITY. CHAINS AND PERFORATED STRAP IRON AND STEEL ARE NOT ACCEPTABLE.
- DO NOT SUSPEND PIPE FROM JOIST BRACING MEMBERS. REFER TO CODE AND SPECIFICATIONS FOR FURTHER INFORMATION. PROVIDE SEISMIC BRACING IF/AS REQUIRED BY LOCAL AUTHORITIES. TRAPEZE HANGERS MAY BE USED FOR MULTIPLE PARALLEL PIPES.

PIPE SIZE	COPPER PIPE HANGER SPACING	STEEL PIPE HANGER SPACING
1/2"	5'-0"	7'-0"
3/4"	5'-0"	7'-0"
1"	6'-0"	7'-0"
1 1/4"	7'-0"	8'-0"
1 1/2"	8'-0"	9'-0"
2"	8'-0"	10'-0"
2 1/2"	10'-0"	11'-0"
3"	11'-0"	12'-0"
4"	12'-0"	12'-0"

8 PIPE HANGER - WOOD TRUSS
P0.01 NOT TO SCALE



- LOCATE EXTERIOR CLEANOUTS AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT MAXIMUM 100' INTERVALS ON STRAIGHT RUNS, & WHERE SHOWN ON PLANS.
- VERIFY SOIL/ROCK CONDITIONS WITH GEOTECHNICAL REPORT OR SITE EXAMINATION. BACKFILL WITH CRUSHED ROCK TO COVER PIPE MIN. 6". PROVIDE EARTH BACKFILL & COMPACTION PER ARCHITECTURAL SPECIFICATIONS. REPAIR ANY SOD AND/OR PAVEMENT TO MATCH EXISTING.

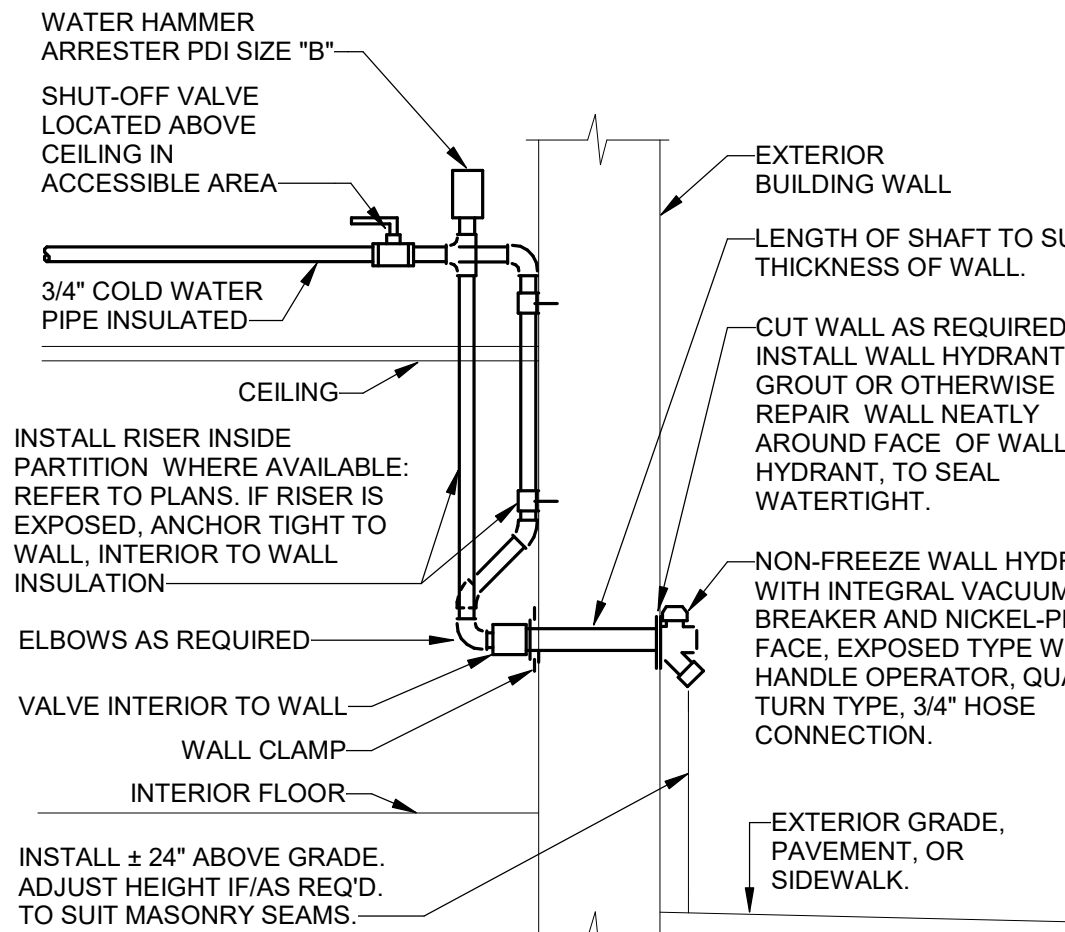
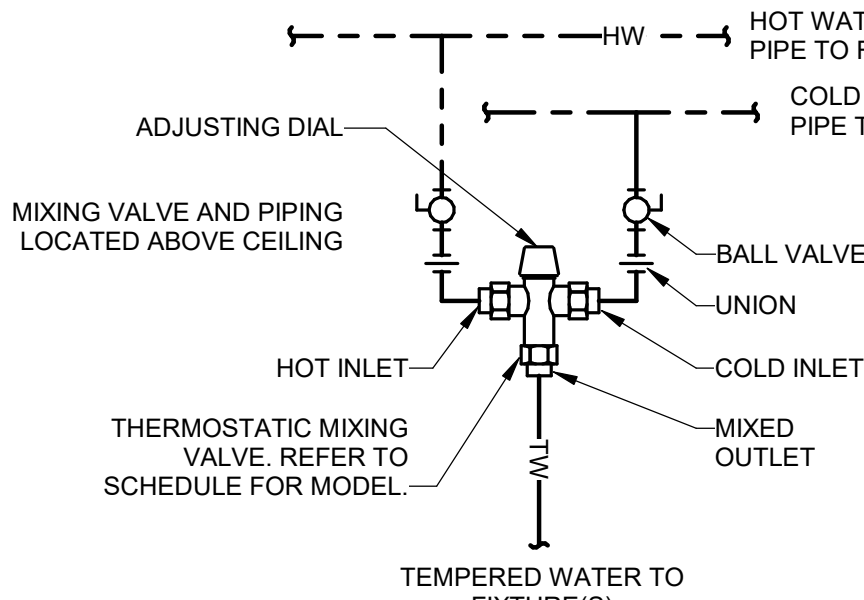
9 EXTERIOR CLEANOUT(CAST IRON COVER) - ECO
P0.01 NOT TO SCALE

ELECTRIC WATER HEATER SCHEDULE

MARK	LOCATION	MANUFACTURER	MODEL	TANK CAPACITY	INPUT (KW)	RECOVERY RATE (100°F RISE)	ELECTRICAL V/PH/Hz	NOTES
WH-1	STORAGE 152	RHEEM	EGSP20	20 GALLON	4.5	18 GPH	240/1/60	A THRU H

NOTES:
A. EQUIPMENT SHALL MEET ASHRAE 90.1 STANDARDS FOR THERMAL EFFICIENCY AND STANDBY LOSS.
B. PROVIDE WITH ANODE ROD(S) TO PREVENT ELECTROLYTIC CORROSION OF TANK.
C. PROVIDE TEMPERATURE AND PRESSURE SAFETY RELIEF VALVE (T&P VALVE).
D. PROVIDE HARD COPPER DRAIN LINE FROM T&P VALVE DOWN TO AN APPROVED RECEPTOR WITH AIR GAP. PIPING TO BE FULL SIZE OF T&P VALVE DISCHARGE CONNECTION.
E. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
F. SET WATER HEATER TEMPERATURE TO 120°F.
G. PROVIDE HOLDRITE QUICK STAND MODEL #40-SWHP-W
H. REFER TO WATER HEATER DETAIL FOR ADDITIONAL INSTALLATION INFORMATION.

10 THERMOSTATIC MIXING VALVE ABOVE CEILING
P0.01 NOT TO SCALE



13 FROST PROOF WALL HYDRANT - FPWH
P0.01 NOT TO SCALE

PLUMBING SYMBOLS LEGEND

PIPING LEGEND			
--- CW --->	DOMESTIC COLD WATER - CW	A	AMPS
--- HW --->	DOMESTIC HOT WATER - HW - 120°F	AFF	ABOVE FINISHED FLOOR
--- HW(140°F) --->	DOMESTIC HOT WATER - HW - 140°F	BFF	BELOW FINISHED FLOOR
--- HWR --->	DOMESTIC HOT WATER RETURN - HWR	BFP	BACKFLOW PREVENTER
--- HWR(140°F) --->	DOMESTIC HOT WATER RETURN - 140°F	BTU	BRITISH THERMAL UNIT
--- TW --->	TEMPERED WATER - TW - 105°F	CFH	CUBIC FEET PER HOUR
--- TWR --->	TEMPERED WATER RETURN - TWR	CO	CLEANOUT
--- V --->	VENT PIPING ABOVE FLOOR - V	CTE	CONNECT TO EXISTING
--- SS --->	SANITARY SEWER PIPING - SS	CWFU	COLD WATER FIXTURE UNIT
SYMBOL LEGEND		ABBREVIATIONS	
●	CONNECT TO EXISTING	DN	DOWN (THROUGH FLOOR)
#	PLUMBING NOTE	DROP	DROP (WITHIN FLOOR LEVEL)
XX-1	FIXTURE / EQUIPMENT DESIGNATION	ELEV	ELEVATION
⊖	FLOOR DRAIN	E / EX	EXISTING
⊖	HUB DRAIN	FLA	FULL LOAD AMPS
⊖	FLOOR/EXTERIOR CLEANOUT	FOG	FATS, OIL, AND GREASE
⊖	WALL CLEANOUT	FPM	FEET PER MINUTE
⊖	P-TRAP	FPS	FEET PER SECOND
⊖	PIPING TURNING UP	FT / '	FOOT / FEET
⊖	PIPING TURNING DOWN	GAL	GALLON(S)
⊖	ISOLATION VALVE	GPD	GALLONS PER DAY
⊖	GATE VALVE	GPH	GALLONS PER HOUR
⊖	PRESS. REDUCING VALVE	GPM	GALLONS PER MINUTE
⊖	SOLENOID VALVE	HP	HORSE POWER
⊖	BACKFLOW PREVENTER	HWFU	HOT WATER FIXTURE UNIT
⊖	STRAINER	Hz	HERTZ
⊖	UNION	IN / "	INCH / INCHES
⊖	WALL HYDRANT	INV	INVERT
⊖	PIPE CAP	KW	KILOWATT
⊖	T&P VALVE	LRA	LOADED ROTOR AMPS
⊖	CHECK VALVE	MBH	THOUSAND BRITISH THERMAL UNITS
⊖	T&P VALVE	MAX	MAXIMUM
⊖	THERMOSTATIC MIXING VALVE	MIN	MINIMUM
⊖		NC	NORMALLY CLOSED
⊖		NIC	NOT IN CONTRACT
⊖		NO	NORMALLY OPEN
⊖		NTS	NOT TO SCALE
⊖		PH	PHASE
⊖		PRV	PRESSURE REDUCING VALVE
⊖		RPM	REVOLUTIONS PER MINUTE
⊖		SOFT	SQUARE FEET
⊖		TMV	THERMOSTATIC MIXING VALVE
⊖		V	VOLTS
⊖		VB	VACUUM BREAKER
⊖		VIV	VALVE IN VERTICAL
⊖		VTR	VENT THRU ROOF
⊖		WC	WATER COLUMN
⊖		WHA	WATER HAMMER ARRESTER
⊖		WSFU	WATER SUPPLY FIXTURE UNIT

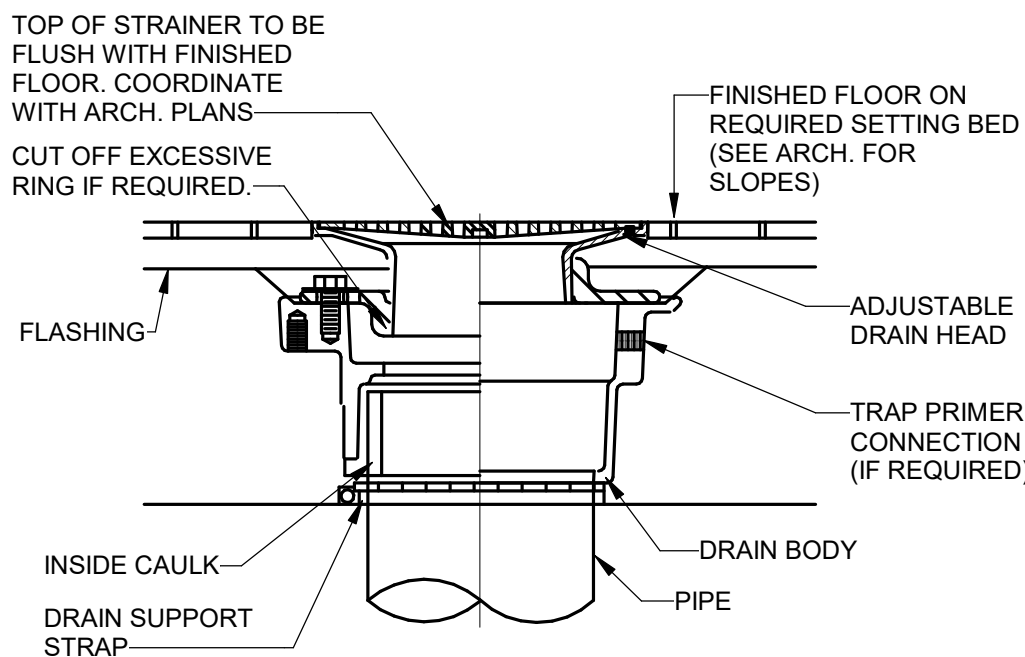
(NOT ALL SYMBOLS / ABBREVIATIONS ARE USED)

SANITARY SEWER FIXTURE LOAD CALCULATION

MARK	FIXTURE/EQUIPMENT	QUANTITY	WASTE	
			WASTE DFU PER FIXTURE	TOTAL DFU PER FIXTURE
FD-1	FLOOR DRAIN (EMERGENCY)	3	0	0
WC-1	WATER CLOSET (VALVE)	3	4	12
LAV-1	LAVATORY	3	1	3
MS-1	MOP SINK	1	2	2
TOTALS				17.0
MAXIMUM WASTE DEMAND AT 17.0 DFU = 4" SANITARY SEWER WASTE				
FIXTURE UNITS BASED ON 2021 SCPC; TABLE 709.1				

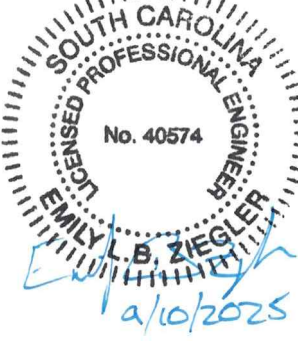
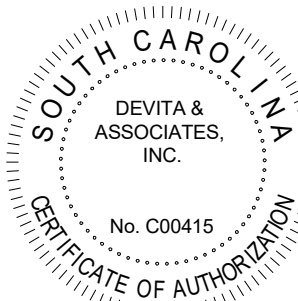
WATER FIXTURE LOAD CALCULATION

MARK	FIXTURE/EQUIPMENT	QUANTITY	WATER			
			CWFU PER FIXTURE	HWFU PER FIXTURE	TOTAL WSFU PER TYPE	TOTAL WSFU PER FIXTURE
<u>WC-1</u>	WATER CLOSET (VALVE)	3	10	-	10	30
<u>LAV-1</u>	LAVATORY	3	1.5	1.5	2	6
<u>MS-1</u>	MOP SINK	1	2.25	2.25	3	3
<u>FPWH-1</u>	WALL HYDRANT	1	2	-	2	2
TOTALS						41.0
MAXIMUM WATER DEMAND AT 41.0 WSFU = 46.2 GPM = 2" WATER MAIN SUPPLY						
FIXTURE UNITS BASED ON 2021 SCPC (PREDOMINANTLY FLUSH VALVES)						



14 FLOOR DRAIN FITTING - FD
P0.01 NOT TO SCALE

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Greenville, SC 29601
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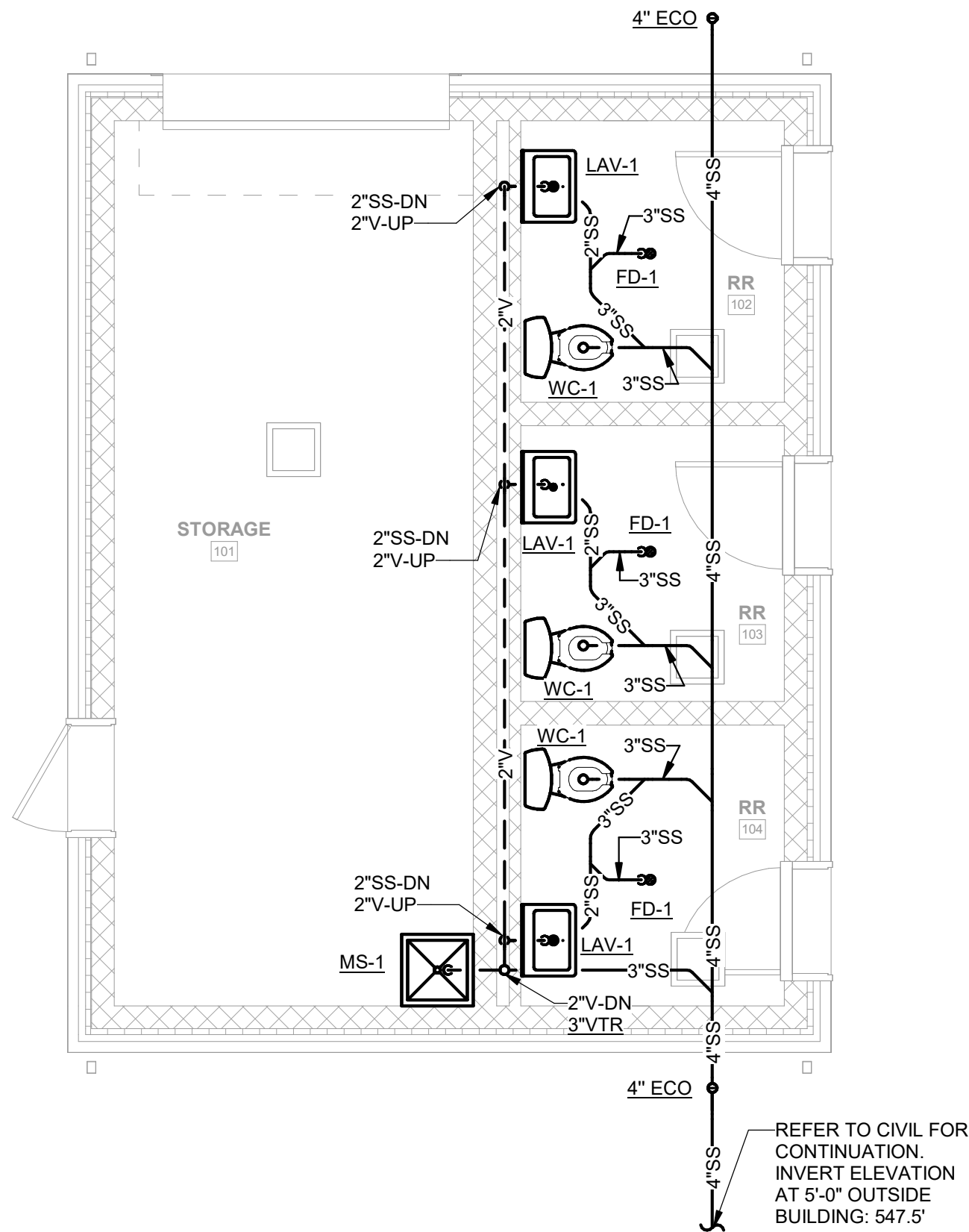
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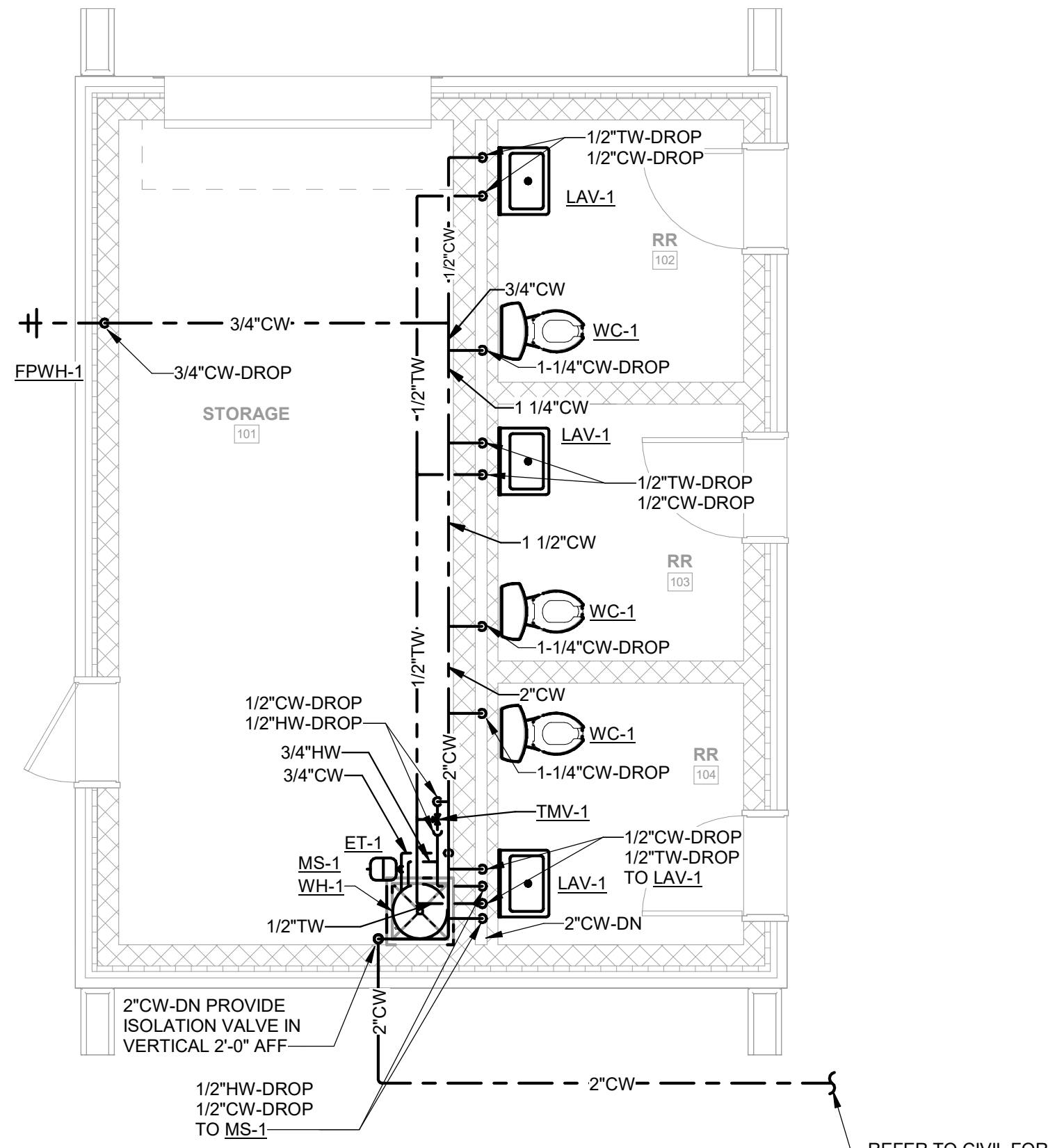
PLUMBING LEGEND
AND NOTES

P0.01

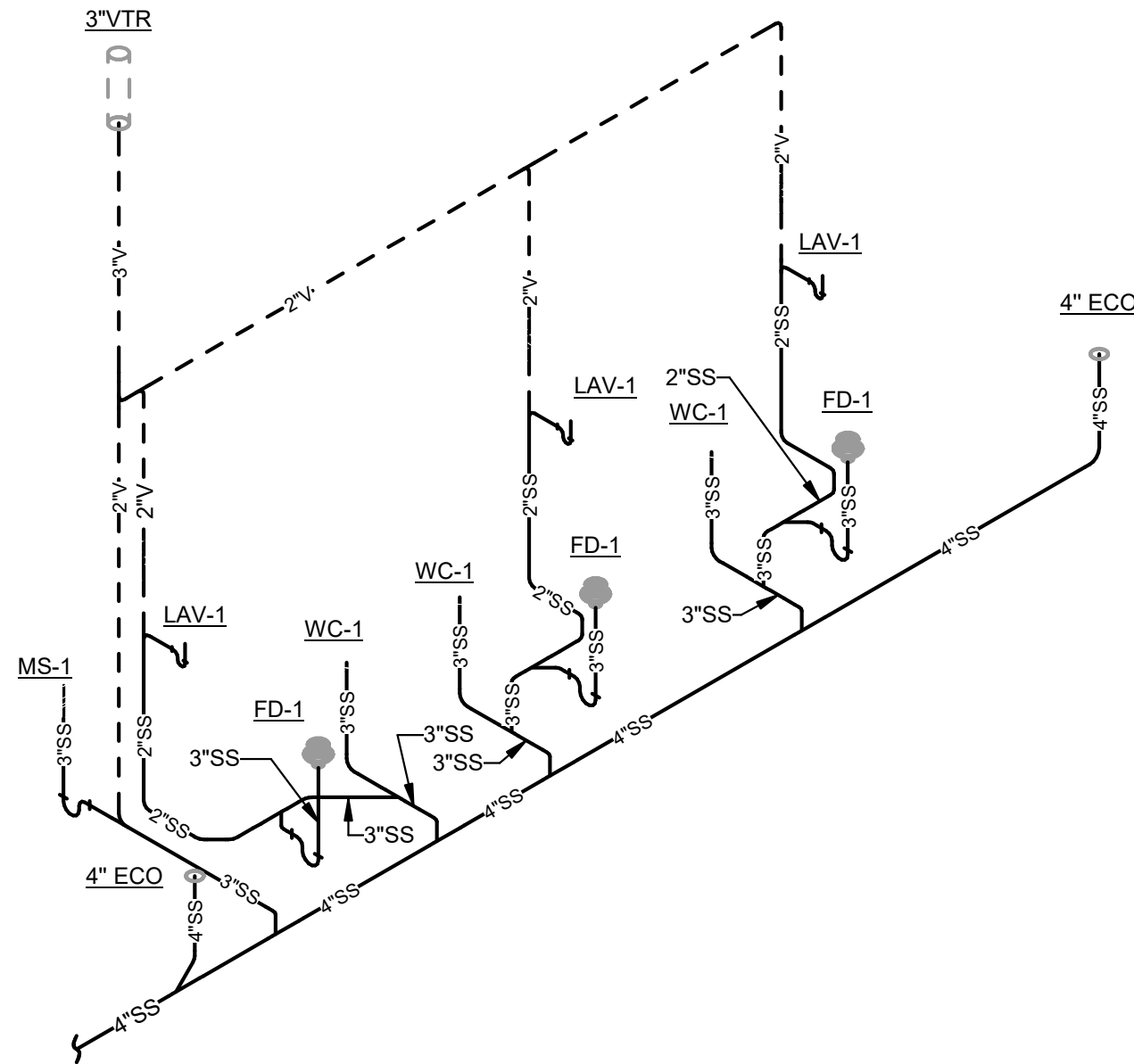
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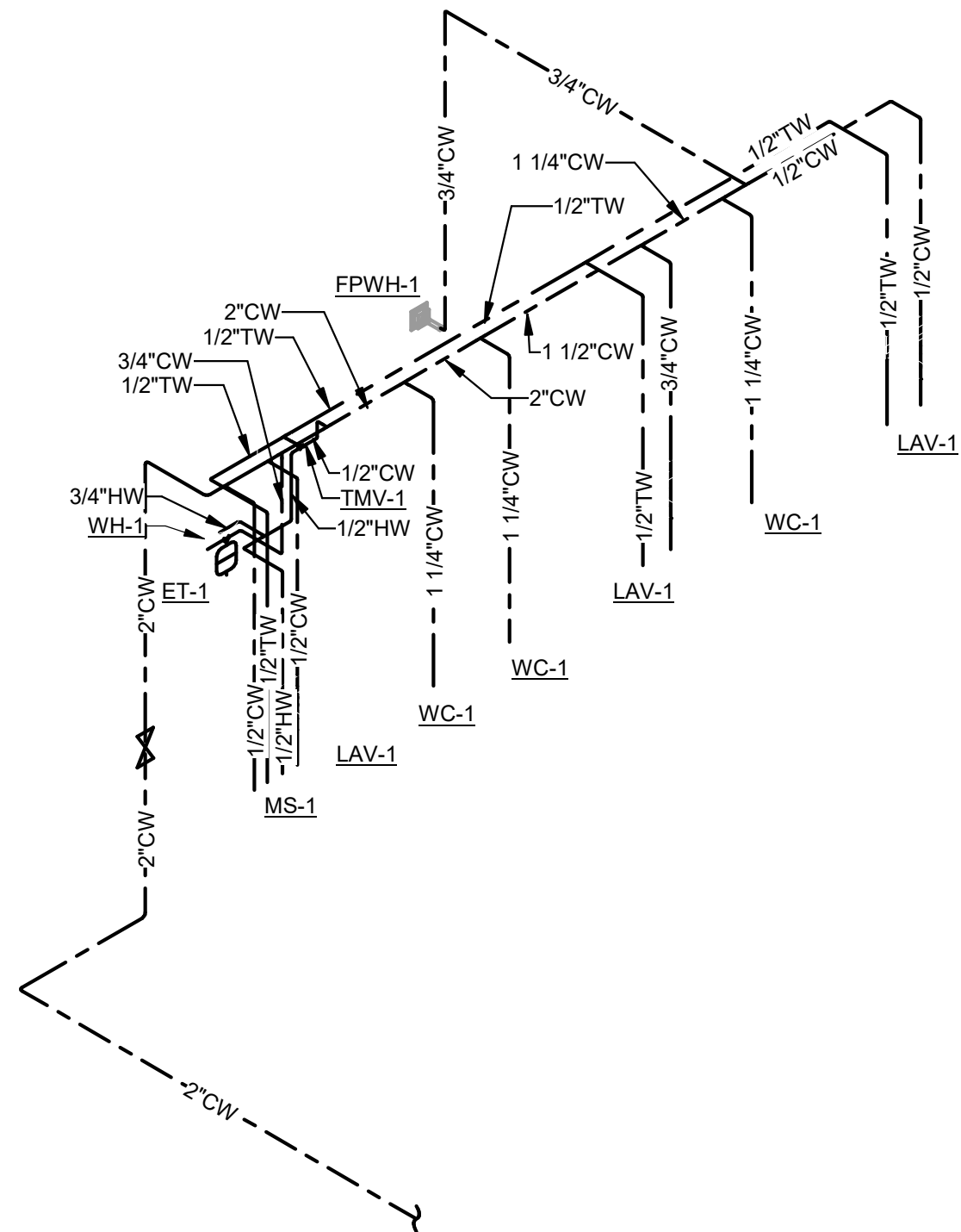
1 PLUMBING SANITARY WASTE & VENT PLAN
1/4" = 1'-0"
0 4 8 12



2 PLUMBING DOMESTIC WATER PLAN
1/4" = 1'-0"
0 4 8 12



3 SANITARY WASTE & VENT RISER DIAGRAM
NOT TO SCALE



4 DOMESTIC WATER RISER DIAGRAM
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Seal



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DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com

Project



NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK

Project Number 23236-B
Drawn By ASE
Checked By EBZ
Date 31 JUL 2025

Revisions

Drawing

PLUMBING PLANS

P1.01

GENERAL MECHANICAL NOTES	
1.	WORK SHALL CONFORM WITH ALL CURRENT CODES AND AUTHORITY HAVING JURISDICTION.
2.	PROVIDE A WRITTEN GUARANTEE THAT SHALL WARRANT ALL WORKMANSHIP AND MATERIALS FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER. ANY BREAKDOWN OCCURRING IN THE FIRST YEAR SHALL BE AT NO EXPENSE TO THE OWNER.
3.	DRAWINGS ARE SCHEMATIC, NOT ALL RISES AND DROPS ARE SHOWN. TRADES ARE TO COORDINATE THEIR WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS. GENERALLY, DUCTWORK SHALL BE KEPT AS HIGH AS POSSIBLE.
4.	COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS AND SHALL FURNISH EQUIPMENT WIRED FOR VOLTAGES SHOWN THEREIN.
5.	COORDINATE THE INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER OF RECORD.
6.	KEEP A SET OF MARKED UP PRINTS WITH ANY FIELD CHANGES MADE DURING CONSTRUCTION TO CREATE AN "AS-BUILT" SET OF PRINTS TO BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT.
7.	PROVIDE ACCESS PANELS IN CEILINGS AND WALLS TO ALLOW ACCESS TO VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. MINIMUM ACCESS SIZE SHALL BE 12"X12", UNLESS LIMITED BY PHYSICAL CONSTRAINTS.
8.	MECHANICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
9.	ALL DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSIONS.
10.	SUPPORT DUCTWORK FROM BUILDING STRUCTURE IN ACCORDANCE WITH SMACNA STANDARDS.
11.	COORDINATE LOCATIONS OF GRILLES, REGISTERS AND DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLAN. LOCATIONS SHOWN ARE APPROXIMATE, ADJUST LOCATIONS IN THE FIELD AS REQUIRED BY CONSTRUCTION CONSTRAINTS.

FAN SCHEDULE															
MARK	MANUFACTURER MODEL	AREA SERVED	SERVICE	TYPE	CFM	STATIC PRESSURE (IN WG)	NOMINAL RPM	DRIVE TYPE	ELECTRICAL DATA		MOTOR HP (WATTS)	CONTROL	SONES	WEIGHT	NOTES
									VOLTAGE	PHASE					
EF-1	GREENHECK SP-A70	STORAGE	EXHAUST	CEILING	50	.125	689	DIRECT	115	1	(7)	WALL SWITCH	0.3	20	1 - 10
EF-2	GREENHECK SP-A70	RESTROOM	EXHAUST	CEILING	70	.125	845	DIRECT	115	1	(14)	LIGHT SWITCH	0.3	20	1 - 10
EF-3	GREENHECK SP-A70	RESTROOM	EXHAUST	CEILING	70	.125	845	DIRECT	115	1	(14)	LIGHT SWITCH	0.3	20	1 - 10
EF-4	GREENHECK SP-A70	RESTROOM	EXHAUST	CEILING	70	.125	845	DIRECT	115	1	(14)	LIGHT SWITCH	0.3	20	1 - 10
NOTES: 1. PROVIDE GRAVITY BACKDRAFT DAMPER IN DUCTWORK AT BRANCH. 2. PROVIDE VIBRATION ISOLATION. 3. UNIT SHALL BE UL LISTED AND AMCA CERTIFIED. 4. PROVIDE PLUG TYPE DISCONNECT. 5. PROVIDE ROUND DISCHARGE COLLAR. 6. PROVIDE OFF-WHITE METAL GRILLE. 7. PROVIDE SPEED CONTROL. 8. PROVIDE MOTOR WITH THERMAL OVERLOAD PROTECTION. 9. PROVIDE INSULATED HOUSING FOR SOUND ATTENUATION. 10. ACCEPTABLE EQUALS SHALL BE ACME, BREIDERT, CARNES, COOK, AND PENN.															

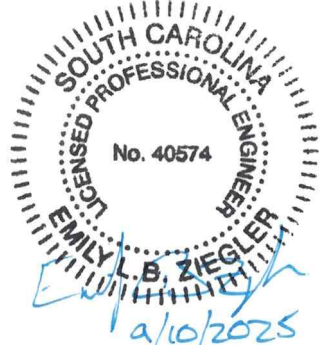
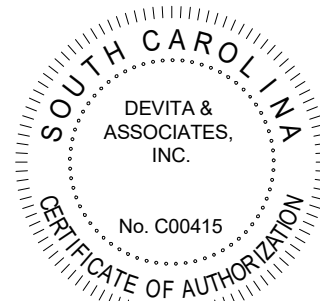
ELECTRIC UNIT HEATER SCHEDULE								
MARK	MANUFACTURER MODEL	AREA SERVED	CFM	HEAT		ELECTRICAL DATA		NOTES
				KW	MBH	VOLTAGE	PHASE	
EUH-1	OMARK CWH1208DSF	STORAGE	65	2.0	6.83	208	1	1 - 6
EUH-2	OMARK CWH1101DSF	RESTROOMS	65	1.0	3.41	120	1	1,2, 4 - 7
EUH-3	OMARK CWH1101DSF	RESTROOMS	65	1.0	3.41	120	1	1,2, 4 - 7
EUH-4	OMARK CWH1101DSF	RESTROOMS	65	1.0	3.41	120	1	1,2, 4 - 7
NOTES: 1. UNITS SHALL BE U.L. LISTED. 2. PROVIDE THERMAL OVERLOAD PROTECTION. 3. PROVIDE INTEGRAL THERMOSTAT. SET TEMPERATURE AT 45°F. 4. PROVIDE UNIT WITH INTEGRAL DISCONNECT SWITCH. 5. PROVIDE 24 VOLT TRANSFORMER START/STOP RELAY. 6. ACCEPTABLE EQUALS SHALL BE MARKEL AND REZNOR. 7. MANUFACTURER INTEGRAL THERMOSTAT. SET TEMPERATURE AT 60°F.								

HVAC SYMBOLS AND CONVENTIONS	
SYMBOL	DESCRIPTION
	TURNING VANES
	BACKDRAFT DAMPER
	FIRE DAMPER
	FIRE/SMOKE DAMPER
	SMOKE DETECTOR (BY EC)
	MOTOR OPERATED DAMPER
	DUCTWORK TEMPERATURE SENSOR
	DUCTWORK HUMIDITY SENSOR
	DUCTWORK STATIC PRESSURE SENSOR
	SUPPLY DUCT
	RETURN DUCT
	EXHAUST DUCT
	FLEX DUCT
	HUMIDISTAT/HUMIDITY SENSOR
	THERMOSTAT
	SPACE TEMPERATURE SENSOR
	CARBON DIOXIDE SENSOR
	UNDERCUT DOOR
	AIRFLOW DIRECTION
	AIRFLOW DIRECTION
	PIPING DIFFERENTIAL PRESSURE SENSOR
	PIPE BRANCH TAKE-OFF FROM BOTTOM
	PIPE BRANCH TAKE-OFF FROM TOP
	PIPE DROP
	PIPE RISE
	FLANGED CONNECTION
	AC CONDENSATE DRAIN PIPING
	DEMO HATCH

EQUIPMENT TAGGING LEGEND	
EQUIPMENT DESIGNATION	TAGGING DESCRIPTION
AIR DEVICES - S,R,E,T	<div><div>EQUIPMENT DESIGNATION</div><div>TYPE</div><div>X-X</div><div>XXX</div><div>CFM</div></div>
EQUIPMENT DESIGNATION - AHU, AC, GF, RTU, VAV, EDH, EUH, GUH, PTAC	<div><div>EQUIPMENT DESIGNATION</div><div>XXX-X</div><div>PLAN DESIGNATION</div></div>
VFD	<div><div>SERVICING EQUIPMENT MARK</div><div>VFD-XX-XXXX</div><div>SPECIFIC COMPONENT DESIGNATION</div></div>

AIR SYSTEM SPECIFIC ABBREVIATIONS			
AC	AIR CONDITIONING	HV	HEATING AND VENTILATING UNIT
ACC	AIR COOLED CONDENSER	IH	INTAKE HOOD
ACCU	AIR COOLED CONDENSATING UNIT	LAT	LEAVING AIR TEMPERATURE
ACD	AUTOMATIC CONTROL DAMPER	LUVR	LOUVER
ACU	AIR CONDITIONING UNIT	LUVD	LOUVERED DOOR
AHU	AIR HANDLING UNIT	OA	OUTSIDE AIR
ALD	ACOUSTICALLY LINED DUCT	OAI	OUTSIDE AIR INTAKE
ATD	AIR TERMINAL DEVICE	OBD	OPPOSED BLADE DAMPER
BDD	BACKDRAFT DAMPER	OED	OPENED END DUCT
CC	COOLING COIL	(R)	RELOCATED
CD	CEILING DIFFUSER	RA	RETURN AIR
CFM	CUBIC FEET PER MINUTE	RD	REFRIGERANT DISCHARGE
CG	CEILING GRILLE	RF	RETURN FAN
DIFF	DIFFUSER	RG	RETURN GRILLE
DX	DIRECT EXPANSION	RL	REFRIGERANT LIQUID
(E)	EXISTING	RLF	RELIEF
EDH	ELECTRIC DUCT HEATER	RR	RETURN REGISTER
EF	EXHAUST FAN	RS	REFRIGERANT SUCTION
EG	EXHAUST GRILLE	RTU	ROOFTOP UNIT
ER	EXHAUST REGISTER	SA	SUPPLY AIR
ERHC	ELECTRIC REHEAT COIL	SD	SMOKE DETECTOR
ESP	EXTERNAL STATIC PRESSURE	SD	SMOKE DAMPER
EUH	ELECTRIC UNIT HEATER	SF	SUPPLY FAN
F	FAN	SG	SUPPLY GRILLE
FA	FREE AREA	SGD	SLIDE GATE DAMPER
FC	FORWARD CURVE	SM	SHEET METAL
FCU	FAN COIL UNIT	SP	STATIC PRESSURE
FD	FIRE DAMPER (W/ACCESS DOOR)	SR	SUPPLY REGISTER
FLTR	FILTER	TE	TOILET EXHAUST
FO	FLAT OVAL	TF	TRANSFER FAN
FPI	FINS PER INCH	TG	TRANSFER GRILLE
FSD	FIRE/SMOKE DAMPER	TR	TRANSFER
GSD	GAS DUCT HEATER	TSP	TOTAL STATIC PRESSURE
GE	GENERAL EXHAUST	UCD	UNDERCUT DOOR
GF	GAS FURNACE	VAV	VARIABLE AIR VOLUME
GH	GRAVITY HOOD	VD	VOLUME DAMPER
GUH	GAS UNIT HEATER	WMS	WIRE MESH SCREEN
HC	HEATING COIL		

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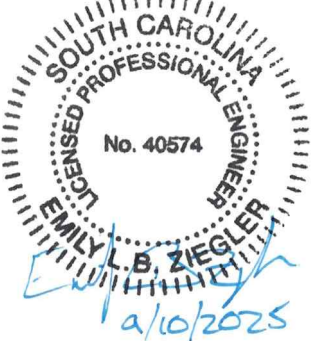
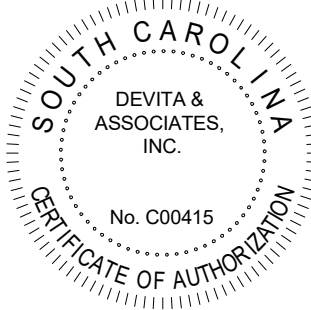
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MECHANICAL
LEGEND AND NOTES

M0.01

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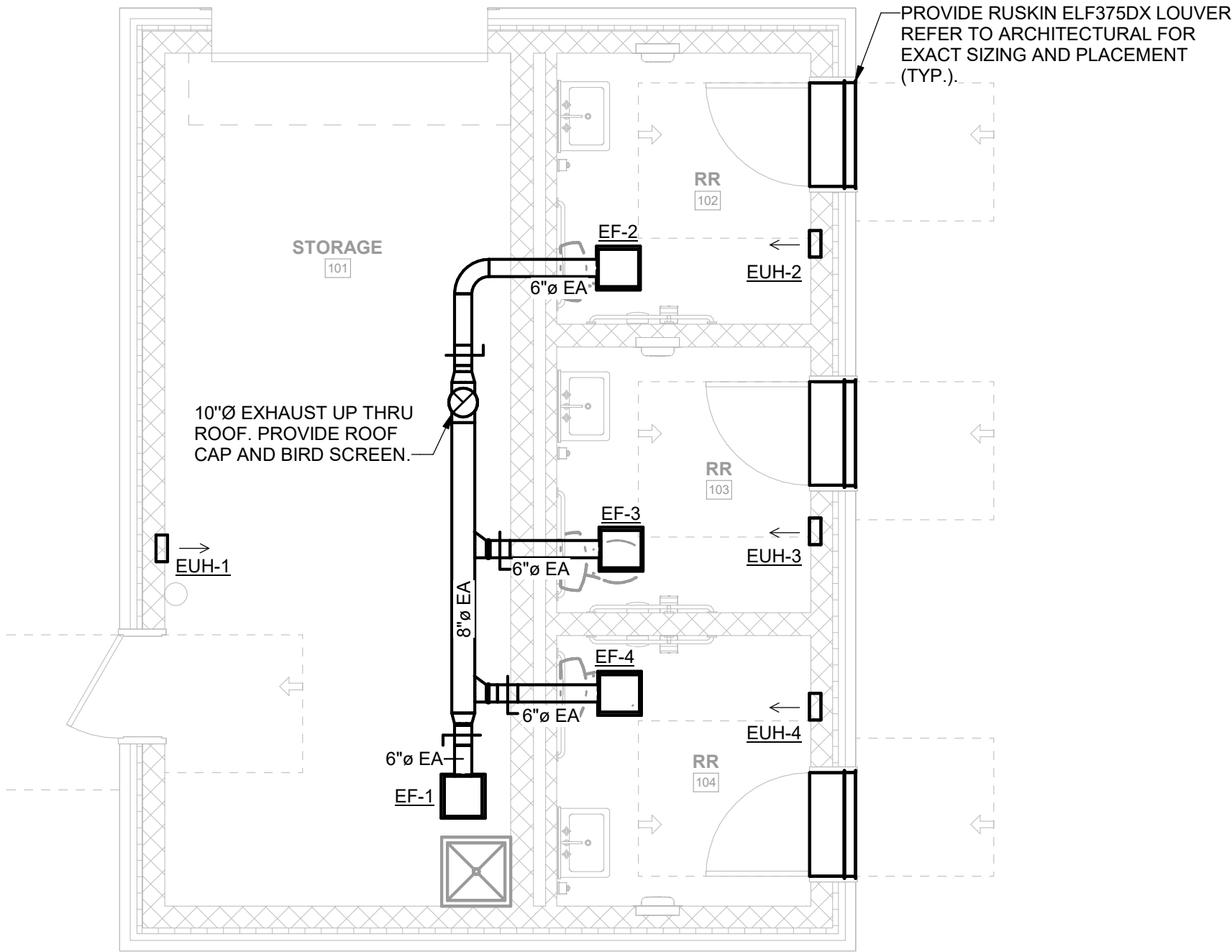
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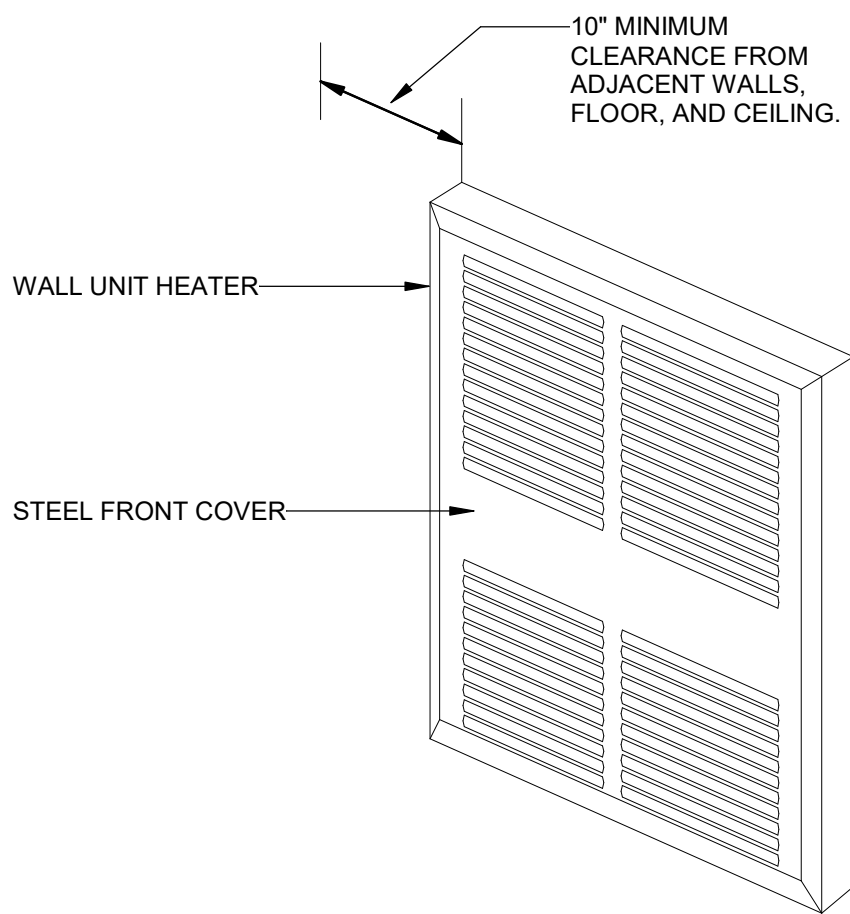
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**MECHANICAL FLOOR
PLAN**

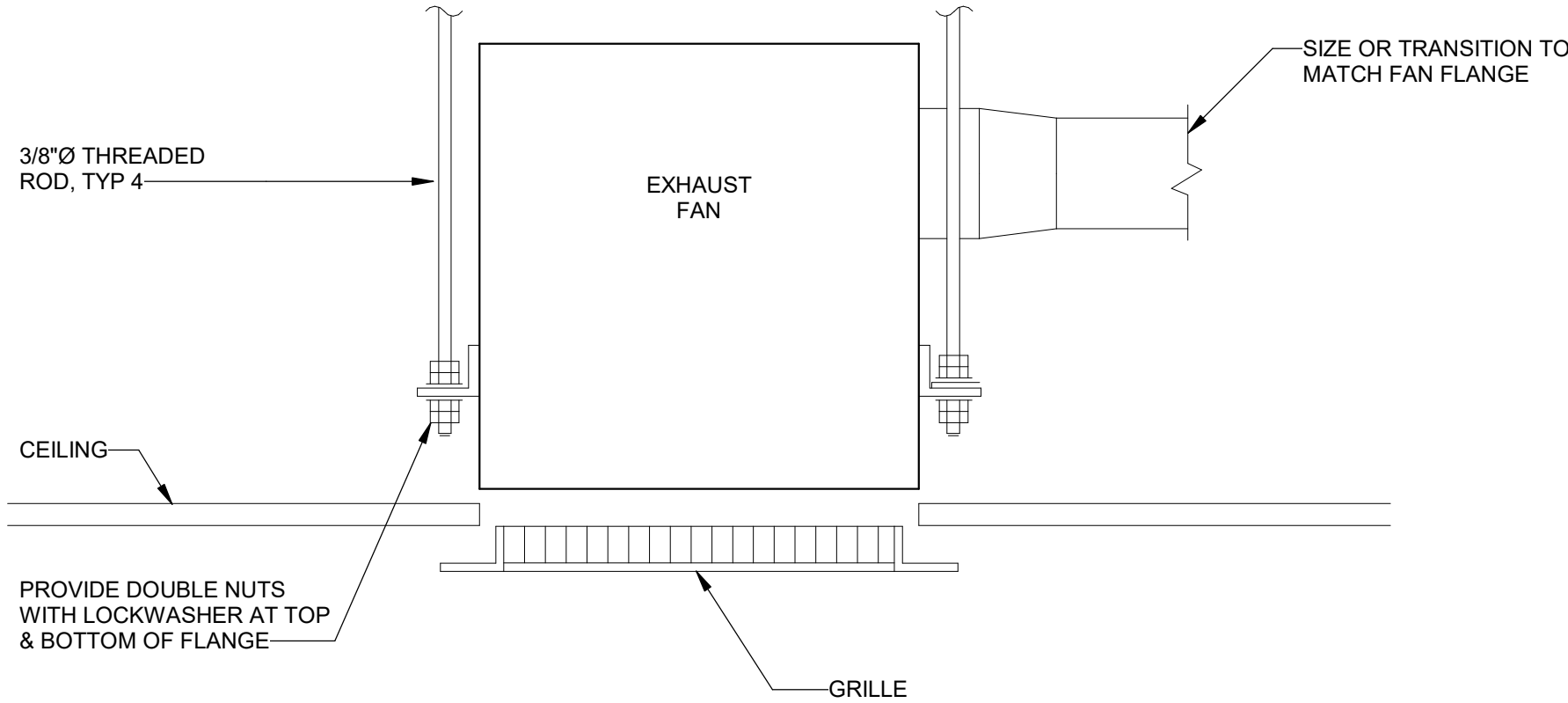
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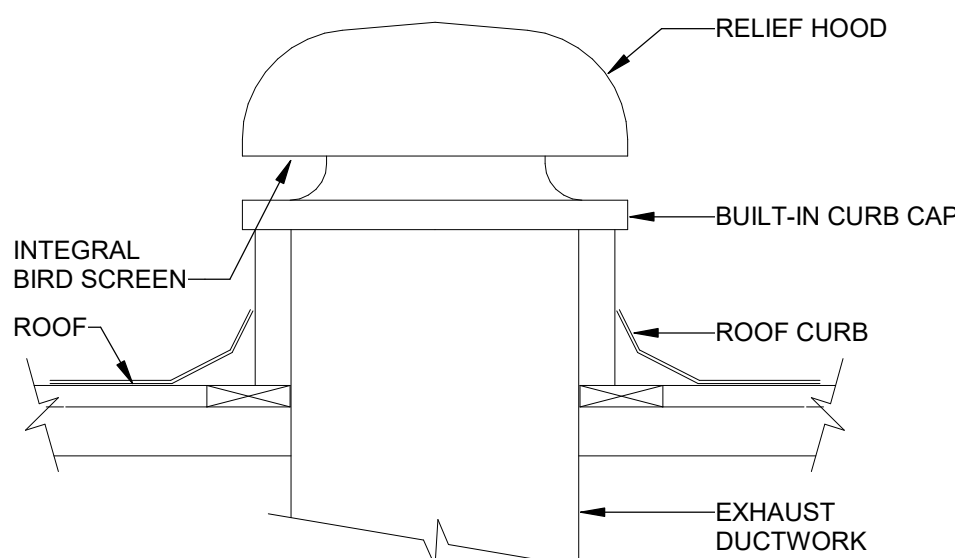
1
MECHANICAL FLOOR PLAN
1/4" = 1'-0"
0 4 8 12



2
ELECTRIC UNIT HEATER - WALL-MOUNTED
NOT TO SCALE

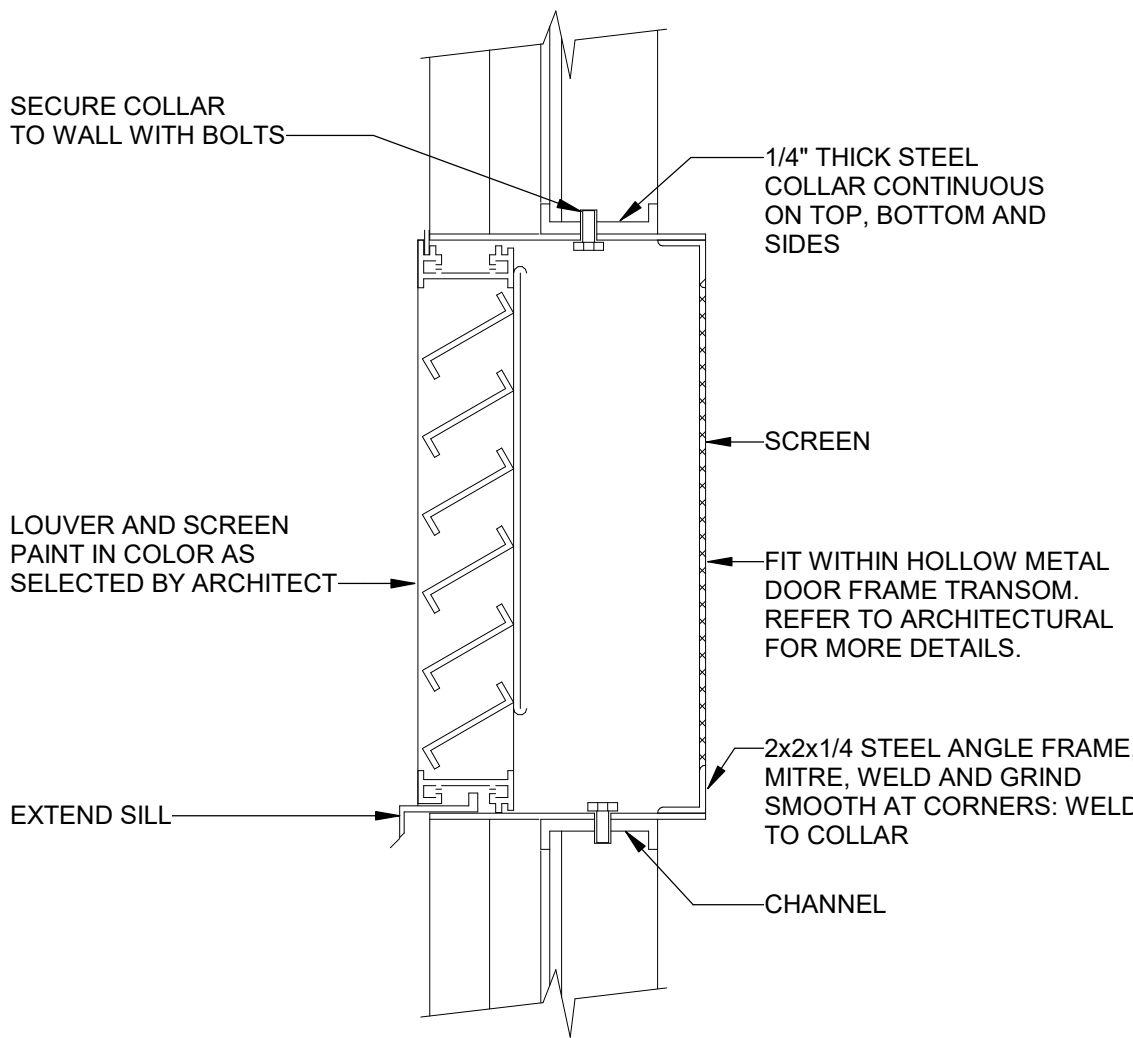


3
CEILING EXHAUST FAN
NOT TO SCALE

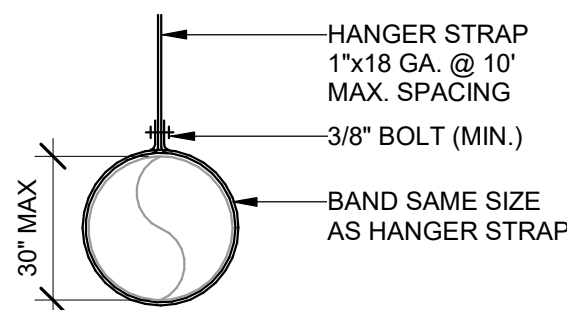


4
EXHAUST MUSHROOM ROOF CAP
NOT TO SCALE

NOTES:
1. PRIME COAT AND PAINT TO MATCH ROOF COLOR.
2. PROVIDE FLASHING AND COUNTER FLASHING.



5
OUTSIDE AIR LOUVER
NOT TO SCALE



6
DUCT HANGER SIZING - ROUND DUCT
NOT TO SCALE

WIRING DEVICE SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	HOMERUN TO LIGHTING/SERVICE PANEL. HOMERUN INDICATES PANEL NAME AND CIRCUIT NUMBER OR FEEDER TAG. CONDUCTORS SHALL BE #12 AWG IN 3/4" CONDUIT (1" UNDERGROUND) UNLESS NOTED OTHERWISE. HOMERUNS MAY BE COMBINED INTO A COMMON RACEWAY FOR 20A SINGLE PHASE CIRCUITS. MAXIMUM OF (6) CURRENT CARRYING CONDUCTORS SHALL BE PROVIDED IN RACEWAY, UNLESS NOTED OTHERWISE. PROVIDE #10 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 100 FEET. PROVIDE #8 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 150 FEET. INCREASE CONDUIT SIZE AS REQUIRED. VERIFY EXACT CIRCUIT LENGTH AND SIZE OF CONDUCTORS TO PROVIDE ACCEPTABLE VOLTAGE DROP PER NEC. COMPLY WITH NEC FOR CONDUCTOR DERATING AND CONDUIT FILL.
	CONDUIT STUB
	CONDUIT TURNED DOWN
	CONDUIT TURNED UP
	CONDUIT INSTALLED BELOW GRADE OR BELOW FINISHED FLOOR
	ELECTRICAL CONNECTION TO EQUIPMENT ITEM 'E101' (LETTER DESIGNATION AS APPLICABLE) - SEE CORRESPONDING EQUIPMENT CONNECTION SCHEDULE
	DUPLEX RECEPTACLE AT 18" AFF, UNO. NEMA 5-20R.
	SAME AS ABOVE BUT GENERATOR/ALTERNATE POWER SOURCE.
	QUADRUPLEX RECEPTACLE AT 18" AFF, UNO. NEMA 5-20R.
	SAME AS ABOVE BUT GENERATOR/ALTERNATE POWER SOURCE.
	DUPLEX RECEPTACLE - CEILING MOUNTED. NEMA 5-20R.
	DUPLEX RECEPTACLE - FLOOR MOUNTED. NEMA 5-20R.
	SINGLE RECEPTACLE AT 18" AFF, UNO. NEMA 5-20R.
	FOR RECEPTACLES ABOVE, SUBSCRIPT DEFINITION AS FOLLOWS: AC - MOUNTED 8" ABOVE COUNTER CR - CORD REEL GFI - GROUND FAULT CIRCUIT INTERRUPTER DEVICE IG - ISOLATED GROUND TR - TAMPER RESISTANT USB - DEVICE WITH TYPE 'A' & TYPE 'C' USB PORTS WP - UL LISTED WEATHER-RESISTANT (WR) DEVICE WITH WEATHERPROOF WHILE-IN-USE COVER (xx") - MOUNTING HEIGHT OF RECEPTACLE AFF
	SPECIAL PURPOSE RECEPTACLE - HEIGHT AND TYPE AS NOTED ON DRAWINGS
	SURFACE RACEWAY
	JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED BY CODE OR AS NOTED ON DRAWINGS
	VERTICAL SERVICE POLE
	COMBINATION IN FLOOR POWER / DATA / AV DEVICE.
	PUSHBUTTON
	MOTOR. SEE DRAWINGS FOR DESCRIPTION
	SAFETY DISCONNECT SWITCH. "30" INDICATES AMP RATING, "3P" INDICATES NUMBER OF POLES, "20" INDICATES FUSE SIZE, "1" INDICATES NEMA ENCLOSURE RATING (1, 3R, 4X, ETC). HEAVY DUTY SAFETY SWITCH UNLESS NOTED OTHERWISE. "NF" INDICATES NON-FUSED.
	COMBINATION MOTOR STARTER
	MOTOR STARTER M = MANUAL MOTOR STARTER
	DOOR BELL

DISTRIBUTION SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	ELECTRICAL PANEL, SURFACE MOUNTED.
	ELECTRICAL PANEL, FLUSH MOUNTED.
	TRANSFORMER
	AUTOMATIC TRANSFER SWITCH

LIGHTING CIRCUITING GUIDE	
SYMBOL	DESCRIPTION
	LIGHTING TYPE AND CIRCUIT DESIGNATION X: PANEL 1: CIRCUIT NUMBER B: LIGHT FIXTURE TYPE, REFER TO LIGHT FIXTURE SCHEDULE
	SWITCHING SCHEME OR ZONE

POWER CIRCUITING GUIDE	
SYMBOL	DESCRIPTION
	POWER CIRCUITING DESIGNATION X: PANEL 1: CIRCUIT NUMBER
	DEVICE, JUNCTION BOX, FLOOR BOX, ETC
	EQUIPMENT ABBREVIATION, REFER TO LEGEND AND ABBREVIATION SCHEDULE FOR ADDITIONAL INFORMATION

LIGHTING & CONTROL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	20A SWITCH AT 44" CL AFF, UNO
	WALL DIMMER FOR SWITCH OR DIMMER ABOVE, SUBSCRIPT DEFINITION AS FOLLOWS: a,b - SWITCHING SCHEME m - MOTOR RATED WITH LOCKOUT BRACKET P - PILOT LIGHT 3 - 3-WAY SWITCH 4 - 4-WAY SWITCH o - OCCUPANCY SENSOR v - VACANCY SENSOR
	OCCUPANCY SENSOR - CEILING MOUNTED
	PHOTOCELL
	DAYLIGHT SENSOR
	INTERIOR LIGHT FIXTURES AS SPECIFIED ON THE LIGHTING FIXTURE SCHEDULE. REFER ALSO TO LIGHTING CIRCUITING GUIDE.
	EXTERIOR LIGHT FIXTURES AS SPECIFIED ON THE LIGHTING FIXTURE SCHEDULE. REFER ALSO TO LIGHTING CIRCUITING GUIDE.
	EMERGENCY LIGHTING UNIT, WITH BATTERY. REFER TO LIGHTING FIXTURE SCHEDULE
	EXIT SIGN. WHERE USED, ARROW INDICATES CHEVRON DIRECTION.
	CEILING FAN
	LIGHT FIXTURE, HALF SHADING INDICATES INTEGRAL EMERGENCY BATTERY. "NL" INDICATES 24/7 OPERATION (UNSWITCHED).

TECHNOLOGY SYMBOL LEGEND	
UNLESS NOTED OTHERWISE ON DRAWINGS, FOR EACH DEVICE BELOW, PROVIDE 2-GANG JUNCTION BOX WITH 1-GANG MUDRING AND 1" CONDUIT WITH PULL CORD TO ABOVE NEAREST ACCESSIBLE CEILING IN CORRIDOR. PROVIDE NYLON BUSHING ON CONDUIT END.	
SYMBOL	DESCRIPTION
	VOICE / DATA ROUGH-IN BOX, AT 18" AFF UNO.
	VOICE / DATA ROUGH-IN BOX, FLOOR-MOUNTED.
	WIRELESS ACCESS POINT. CEILING MOUNTED UNLESS NOTED OTHERWISE ON PLAN. COORDINATE PROVISIONS AND REQUIREMENTS WITH OWNER.
	TELEVISION OUTLET. SINGLE GANG BOX WITH SINGLE GANG PLASTER RING. PROVIDE WITH ADJACENT DUPLEX RECEPTACLE.
	SECURITY CAMERA. COORDINATE REQUIREMENTS WITH OWNER.

ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ACH	ABOVE COUNTER HEIGHT
AL	ALUMINUM
BKR	BREAKER
CKT	CIRCUIT
CL	CENTERLINE
CU	COPPER
DWG	DRAWING
EC	EMPTY CONDUIT
EF	EXHAUST FAN
EWC	ELECTRIC WATER COOLER
FLA	FULL LOAD AMPS
FU	FUSE
FWE	FURNISHED WITH EQUIPMENT
GC	GENERAL CONTRACTOR
GFI/GFCI	GROUND FAULT INTERRUPTER DEVICE
IG	ISOLATED GROUND
LRA	LOCKED ROTOR AMPS
LTG, L	LIGHTING
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
MCCP	MAXIMUM OVERCURRENT CIRCUIT PROTECTION
MSB	MAIN SWITCHBOARD
NL	NIGHT LIGHT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PH	PHASE
PNL	PANEL
RCPT	RECEPTACLE
REQD	REQUIRED
RTU	ROOFTOP UNIT
SPD	SURGE PROTECTIVE DEVICE
SW	SWITCH
UGND	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
W/	WITH
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER

LIGHTING FIXTURE SCHEDULE										
MARK	DESCRIPTION	MANUFACTURER	MODEL #	VOLTS	LAMP* OR DRIVER**				MOUNTING	REMARKS
					QTY*	WATTS	LUMENS**	TYPE		
FL	FIELD LIGHTING FIXTURE, ALUMINUM POWDER COATED HOUSING, IP66 RATED, ROUND STEEL POLE WITH FINISH TO MATCH FIXTURE.	GEOSPORT LIGHTING OR MUSCO OR APPROVED EQUAL	CLIR TSL SERIES	480-3PH	-	650	87000	5700K LED	70' POLE	1
SL	SOLAR POWERED AREA LIGHTING FIXTURE, EXTRUDED ALUMINUM FRAMING, CLEAR ANODIZED FINISH, STEEL POST TOP MOUNTING BRACKET, TYPE II DISTRIBUTION, IP65 RATED, PIR MOTION SENSOR. 2-3/8" OD ROUND STEEL POLE WITH FINISH TO MATCH FIXTURE.	LUCE SOLARE OR APPROVED EQUAL	BLS 4A 5700K	-	-	23	3259	5700K LED	15' POLE	1
ST	4' LED STRIP FIXTURE, FLAT DIFFUSE ACRYLIC LENS, GENERAL DISTRIBUTION, WHITE FINISH	LITHONIA OR EQUAL BY COLUMBIA OR METALUX	ZL1D L48 5000LM FST MVOLT 40K 80CRI	120/277	-	41	5000	4000K LED	SURFACE	
STE	SAME AS 'ST' EXCEPT WITH 10W EMERGENCY BATTERY PACK, UL924 LISTED.	LITHONIA OR EQUAL BY COLUMBIA OR METALUX	ZL1D L48 5000LM FST MVOLT 40K 80CRI E10W	120/277	-	41	5000	4000K LED	SURFACE	
SV4E	2'x4' LED VANDAL RESISTANT FIXTURE, WITH 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK, UL924 LISTED, 20-GAUGE COLD ROLLED STEEL HOUSING, SURFACE MOUNT, INSET COLD ROLLED STEEL DOOR FRAME, ACRYLIC FROSTED LENS WITH 1/4" POLYCARBONATE CLEAR LENS, SUPER DURABLE WHITE FINISH, UL LISTED FOR DAMP LOCATIONS	LITHONIA OR EQUAL BY COLUMBIA OR METALUX	2VRTL SMK L48 5000LM ICW AP250FL MVOLT GZ1 40K 80CRI IE10WLCP DWHXD	120/277	-	42	5000	4000K LED	SURFACE	
WP	LED WALL PACK, DIE-CAST ALUMINUM HOUSING, SURFACE MOUNT, UL LISTED FOR WET LOCATIONS	LITHONIA OR EQUAL BY HE WILLIAMS OR LUMARK	WDGE2 LED P2 40K 80CRI VW MVOLT SRM	120/277	-	15	2000	4000K LED	WALL	
WPE	SAME AS 'WP' EXCEPT WITH INTEGRAL 18W EMERGENCY BATTERY PACK, COLD WEATHER (-20°C) PACKAGE, UL924 LISTED.	LITHONIA OR EQUAL BY HE WILLIAMS OR LUMARK	WDGE2 LED P2 40K 80CRI VW MVOLT SRM E20WC	120/277	-	15	2000	4000K LED	WALL	

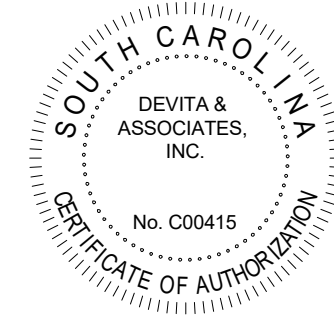
LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

- FINISHES SHALL BE CONFIRMED BY ARCHITECT OR OWNER PRIOR TO ORDERING.
- LED DRIVERS SHALL CONFORM TO IEEE P1789 STANDARDS. ALTERNATIVELY, MANUFACTURERS MUST DEMONSTRATE CONFORMANCE WITH PRODUCT LITERATURE AND TESTING WHICH DEMONSTRATES THIS PERFORMANCE. SYSTEMS THAT DO NOT MEET IEEE P1789 WILL NOT BE CONSIDERED.
- LED DRIVERS SHALL BE MULTI-VOLT. IF MULTI-VOLT DRIVERS ARE NOT AVAILABLE, THEN REQUIRED VOLTAGE SHALL BE VERIFIED WITH ENGINEER PRIOR TO ORDERING.
- ENSURE THAT LIGHTING CONTROL DEVICES ARE COMPATIBLE WITH FIXTURES AND LAMPS.
- PROVIDE ALL REQUIRED HARDWARE FOR PENDANT MOUNTED FIXTURES. VERIFY TYPE REQUIRED WITH ARCHITECT.
- PROVIDE MOUNTING KITS AND/OR ACCESSORIES REQUIRED FOR INSTALLING FIXTURES IN VARIOUS CEILING TYPES. VERIFY CEILING TYPES WITH ARCHITECTURAL DRAWINGS.

LIGHTING FIXTURE SCHEDULE REMARKS:

- PROVIDE POLE AND ALL REQUIRED MOUNTING ACCESSORIES FOR COMPLETE SYSTEM. POLE SHALL BE RATED FOR WIND LOAD IN AREA INSTALLED. POLE LENGTH SHALL BE AS INDICATED. PROVIDE POLE BASE DESIGNED BY SC STRUCTURAL ENGINEER.

Seal



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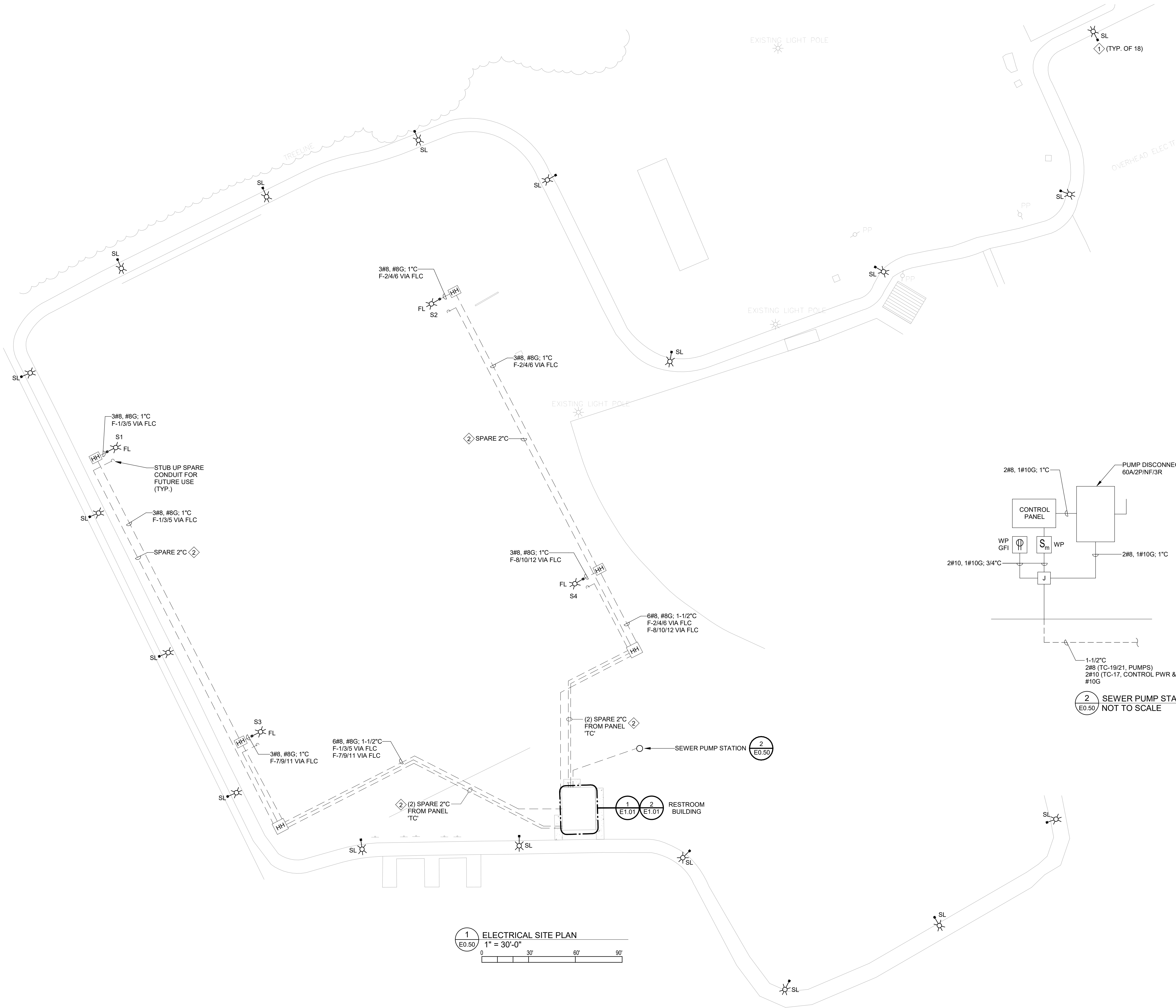
Revisions

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**ELECTRICAL
LEGEND & LIGHT
FIXTURE SCHEDULE**

E0.01

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GENERAL NOTES:
A. REFER TO SHEET E0.01 FOR LIGHTING FIXTURE SCHEDULE.

KEY NOTES: ◆
1. APPROXIMATE LOCATION OF SOLAR LIGHTING POLES. COORDINATE EXACT LOCATIONS PRIOR TO START OF INSTALLATION.
2. STUB SPARE CONDUITS FROM PANEL 'TC' TO LOCATION ADJACENT TO EACH POLE FOR FUTURE FOOD TRUCK POWER. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.

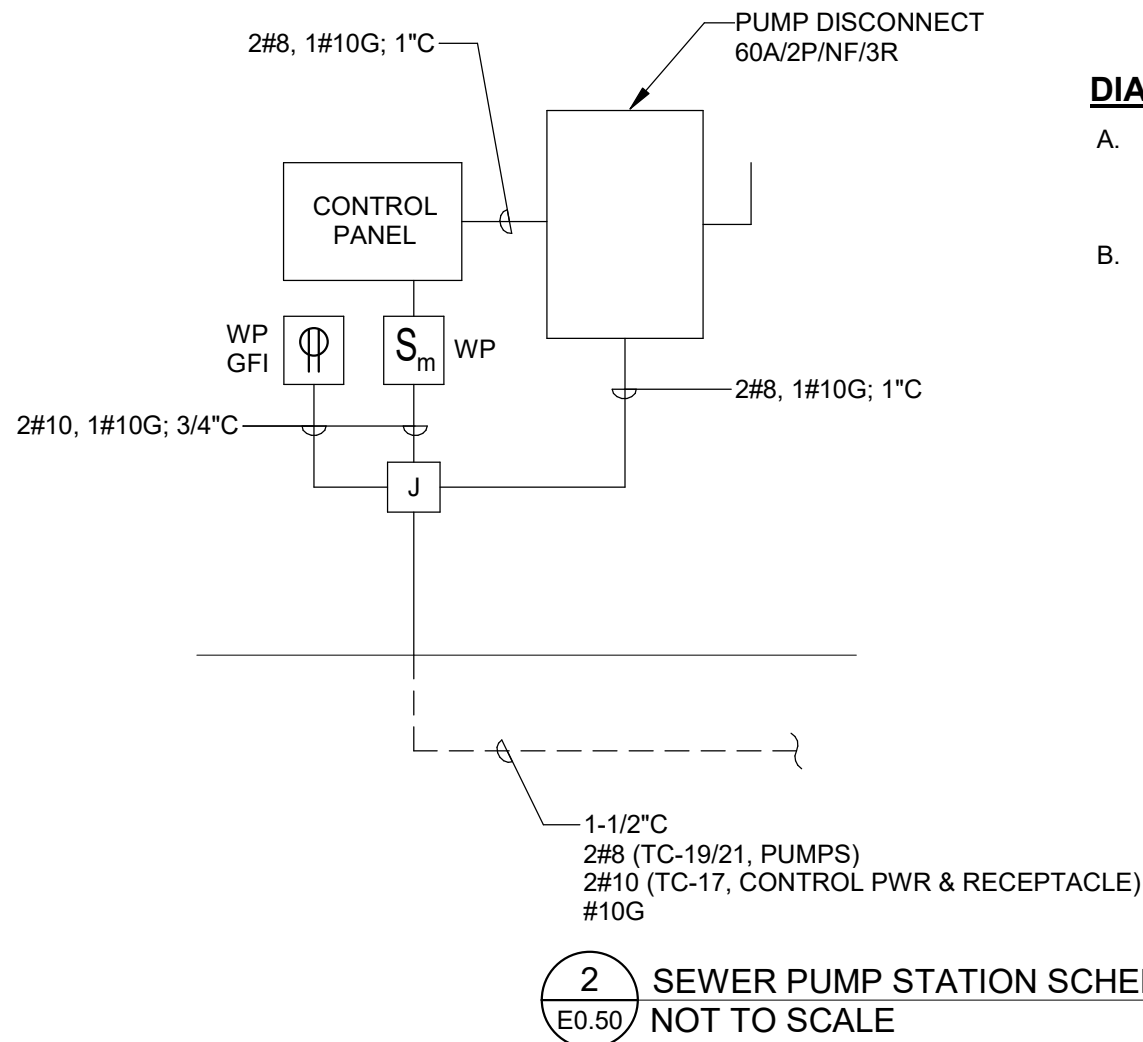
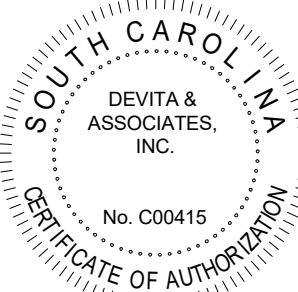


DIAGRAM NOTES:
A. PROVIDE POWER TO PUMP STATION COMPONENTS PER MANUFACTURER'S INSTRUCTIONS. COORDINATE EXACT REQUIREMENTS PRIOR TO ROUGH-IN.
B. MOUNT DISCONNECTS AND RECEPTACLE ON COMMON RACK WITH PUMP STATION CONTROL PANEL. COORDINATE ARRANGEMENT WITH PUMP STATION INSTALLER.

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Project



**NEWBERRY COUNTY
PROSPERITY PARK
IMPROVEMENTS
TOWN CENTER PARK**

Project Number 23236-B
Drawn By RHV
Checked By SLE
Date 31 JUL 2025

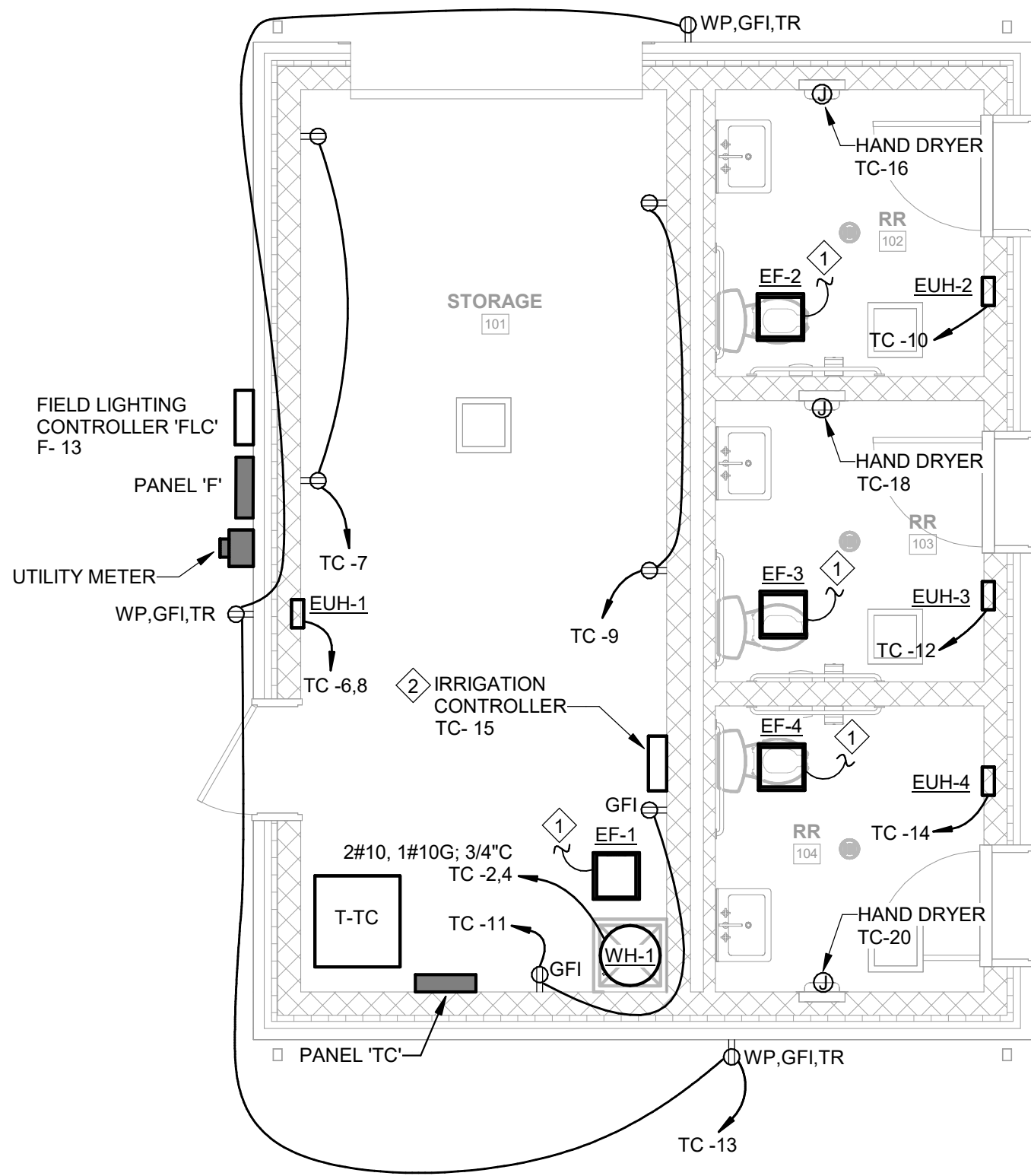
Revisions

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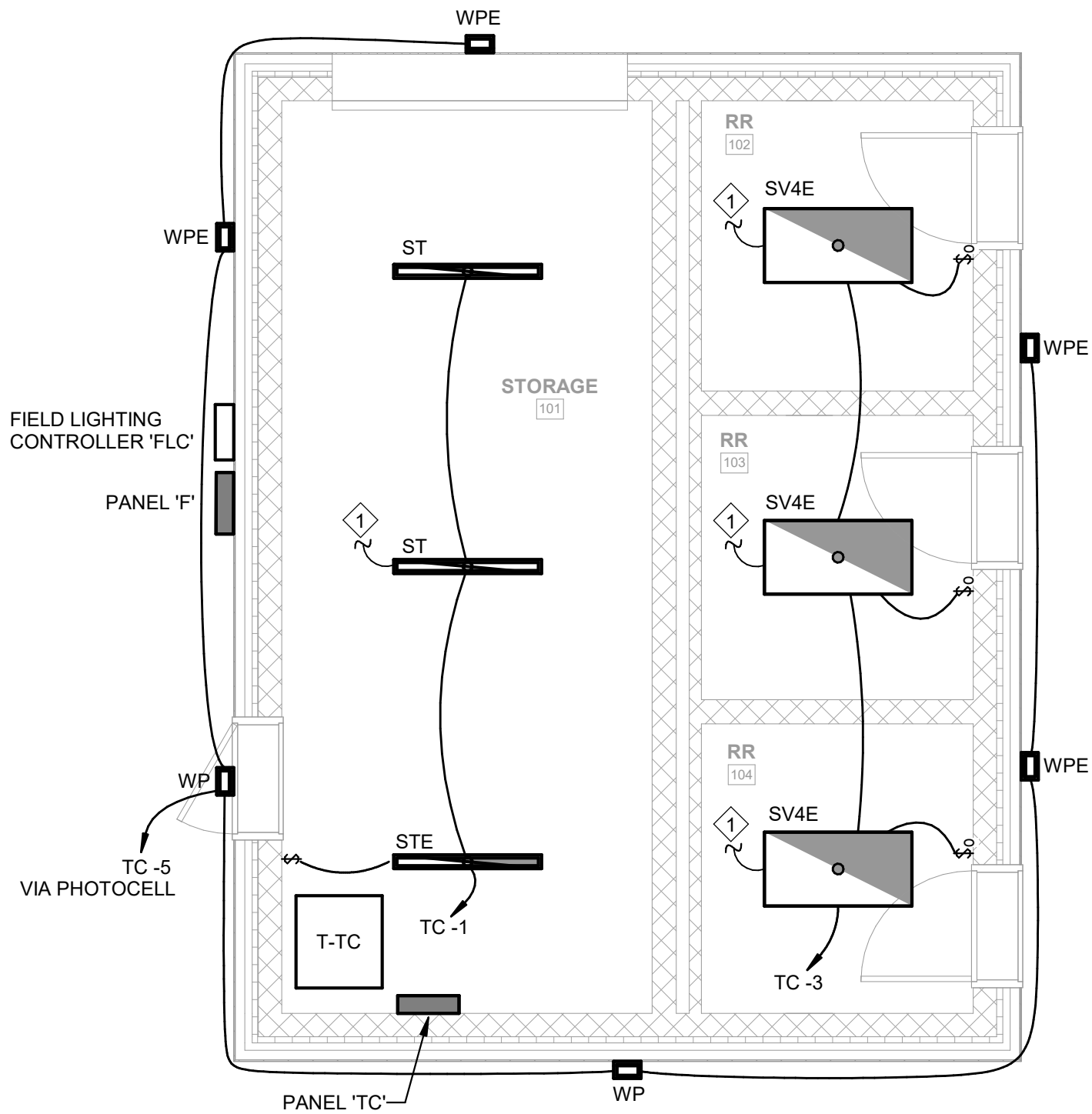
**ELECTRICAL SITE
PLAN**

E0.50

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1
E1.01
ELECTRICAL POWER PLAN
1/4" = 1'-0"
0 4 8 12



2
E1.01
ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"
0 4 8 12

GENERAL NOTES:

- A. EMERGENCY LIGHTS SHALL BE CONNECTED TO UNSWITCHED HOT CONDUCTOR OF CIRCUIT INDICATED.
- B. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND HEIGHTS OF ALL FIXTURES.
- C. REFER TO SHEET E0.01 FOR LIGHTING FIXTURE SCHEDULE.
- D. DISCONNECTS ARE FURNISHED WITH MECHANICAL AND PLUMBING EQUIPMENT U.N.O.
- E. PROVIDE WORKING CLEARANCE AT ALL ELECTRICAL PANELS PER NEC.

KEY NOTES: ◆

- 1. EXHAUST FANS CONTROLLED AND CIRCUITED WITH LIGHTS.
- 2. COORDINATE IRRIGATION CONTROLLER LOCATION WITH IRRIGATION CONTRACTOR AND OWNER PRIOR TO ROUGH-IN.

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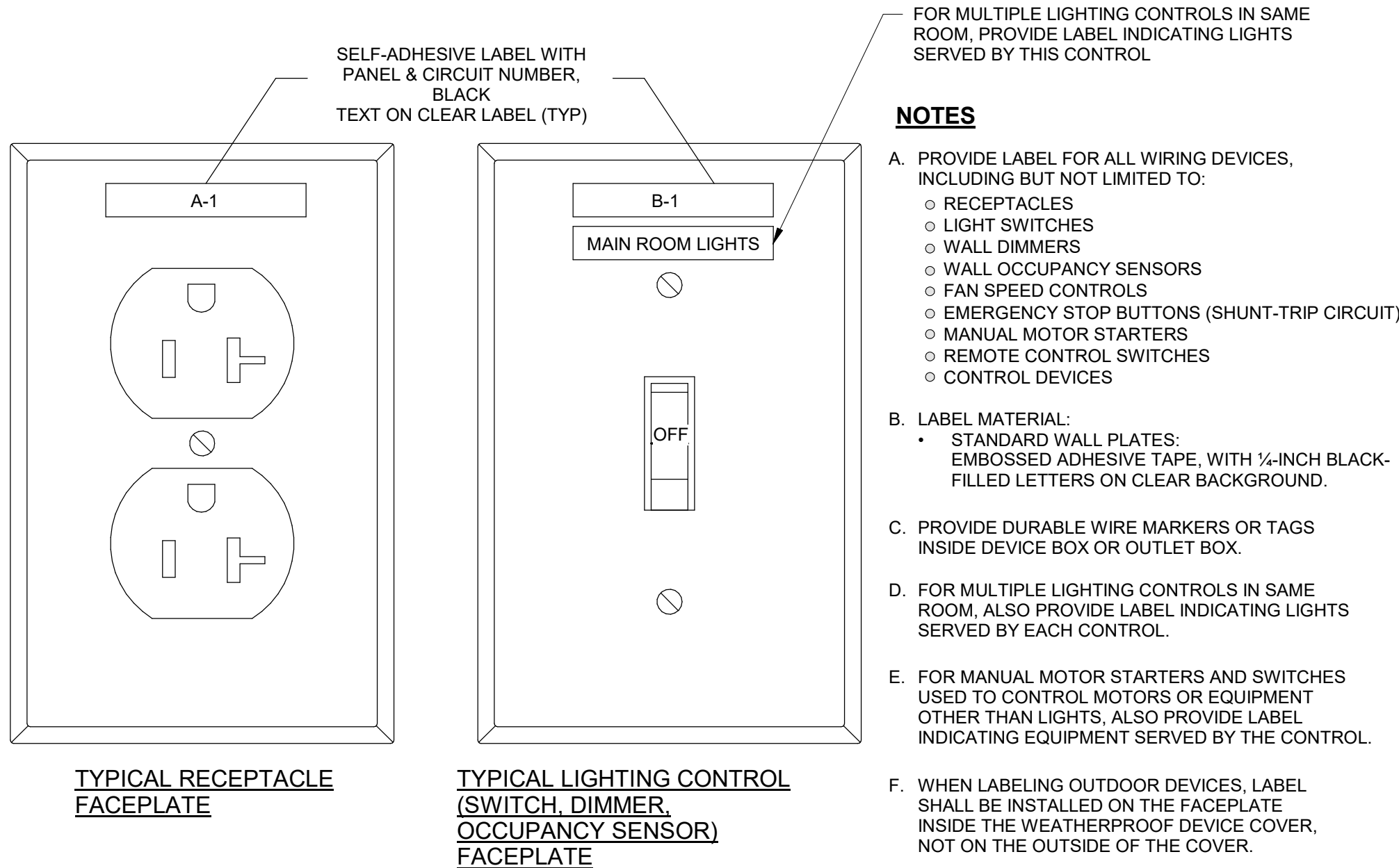
Revisions

Drawing

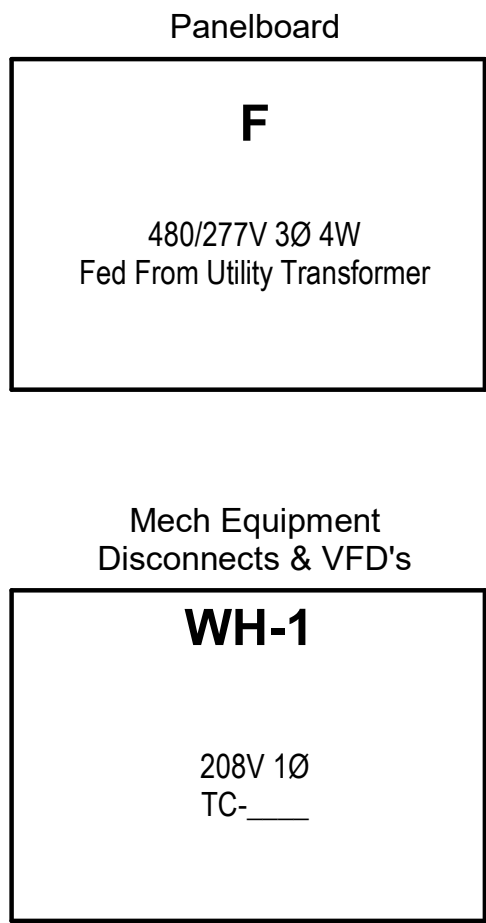
ELECTRICAL PLANS

E1.01

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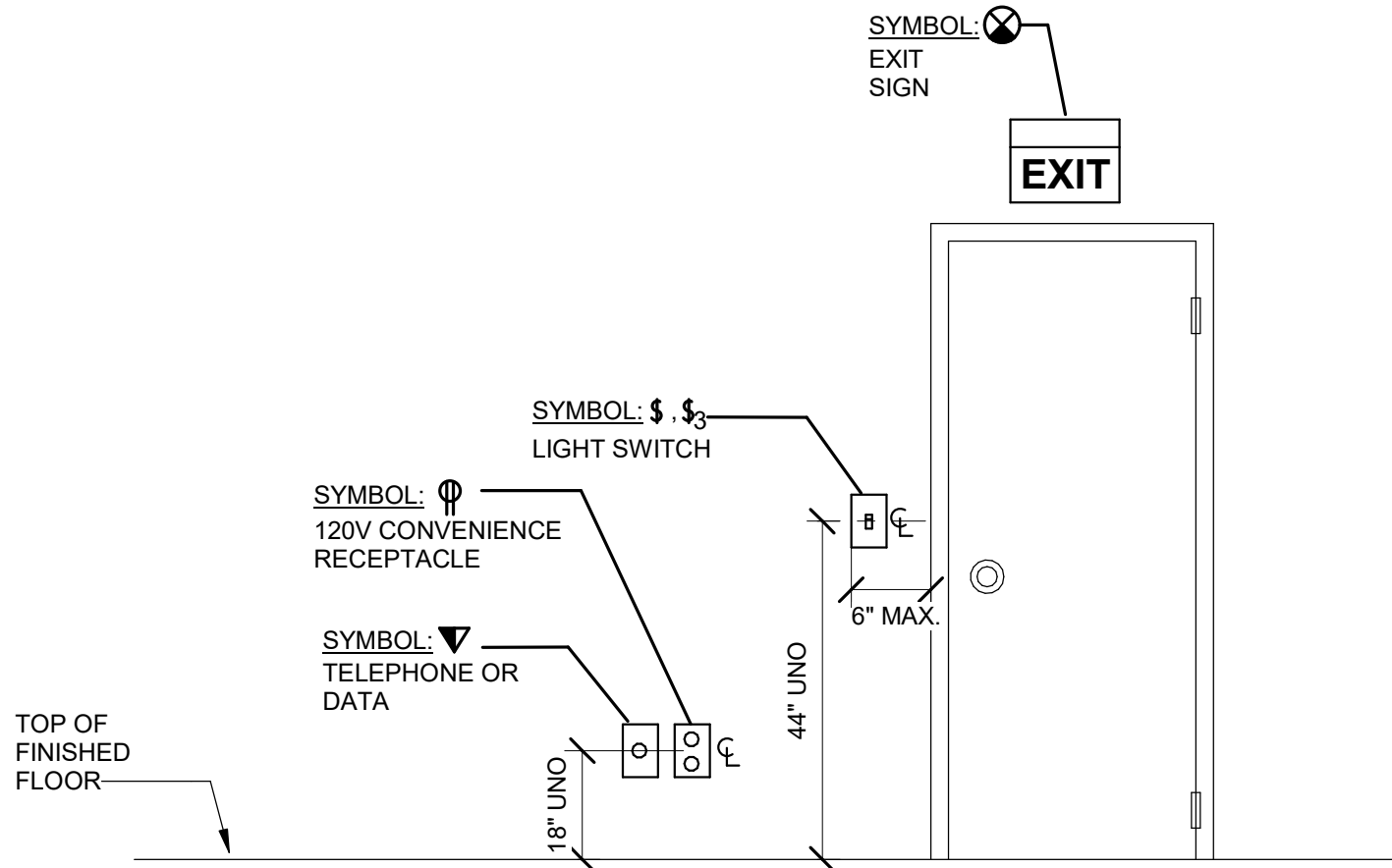


TYPICAL NAMEPLATE EXAMPLES FOR EACH EQUIPMENT TYPE



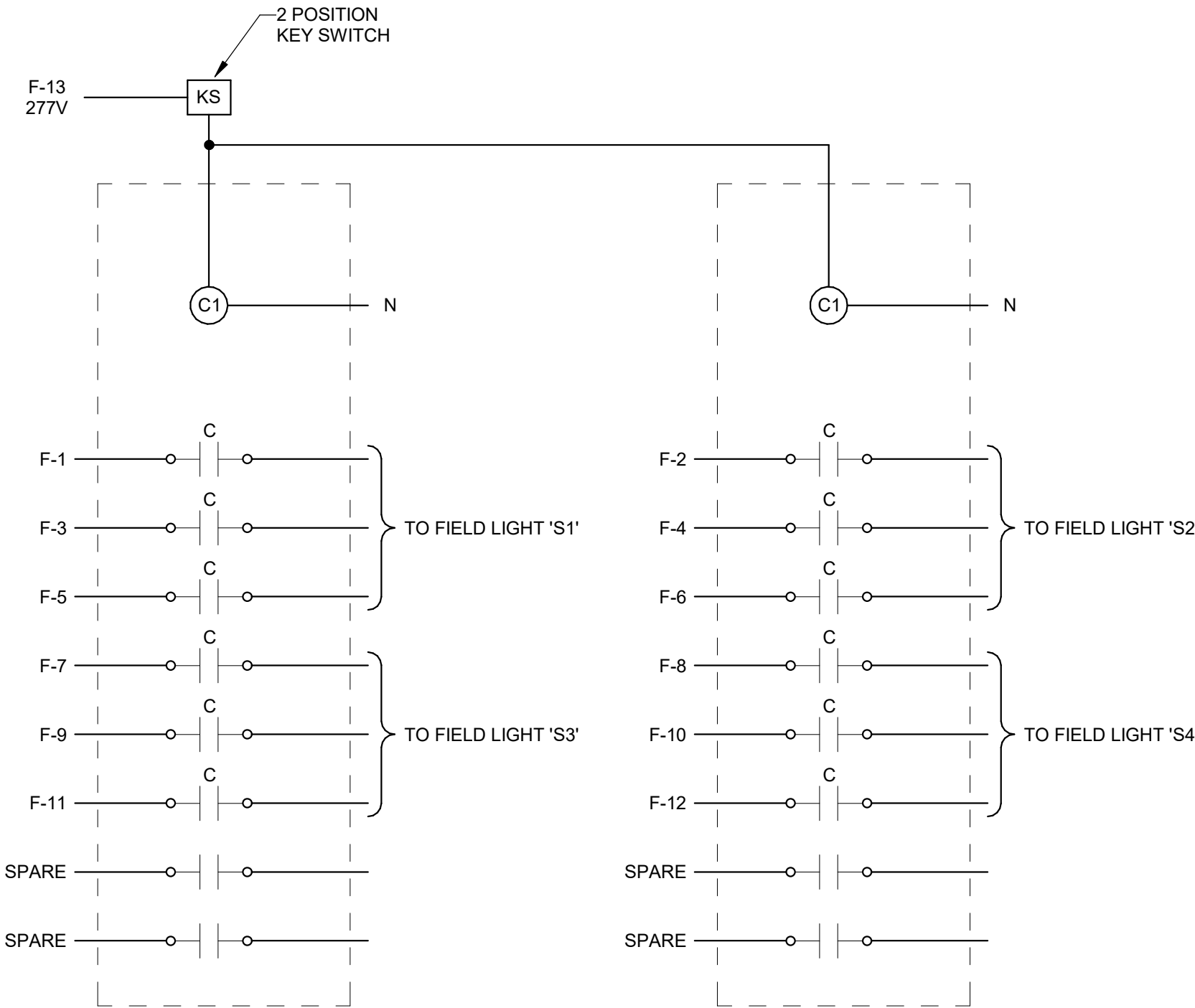
EQUIPMENT LABELING NOTES:

- PROVIDE ENGRAVED LAMINATED NAMEPLATE FOR EACH PIECE OF ELECTRICAL EQUIPMENT. LABEL TAPE IS NOT ACCEPTABLE.
- COORDINATE SUPPLY SOURCE (PANEL/CIRCUIT WHERE FED FROM) WITH ACTUAL CIRCUITS USED.
- ON EACH UNIT OF EQUIPMENT, INSTALL UNIQUE DESIGNATION LABEL THAT IS CONSISTENT WITH WIRING DIAGRAMS AND SCHEDULES.
- PROVIDE LABEL AS SHOWN FOR EACH EQUIPMENT TYPE. INFORMATION SHALL INCLUDE NAME OF EQUIPMENT, VOLTAGE/PHASE, SUPPLY SOURCE, AND SYSTEM BRANCH.
- COORDINATE EXACT NAME/DESIGNATION OF MECHANICAL/PLUMBING EQUIPMENT WITH MECHANICAL/PLUMBING CONTRACTOR AND OWNER PRIOR TO CONSTRUCTING NAMEPLATES.
- LABEL EQUIPMENT WITH SELF-ADHESIVE, ENGRAVED, LAMINATED ACRYLIC OR MELAMINE LABEL, UNLESS OTHERWISE INDICATED, EQUIPMENT NAME SHALL BE 1-INCH-HIGH LETTERS, AND ADDITIONAL TEXT SHALL BE 1/2-INCH-HIGH LETTERS. LABEL SIZE SHALL ACCOMMODATE TEXT REQUIRED FOR EACH PARTICULAR PIECE OF EQUIPMENT.
- FOR MECHANICAL EQUIPMENT SUCH AS AIR HANDLERS, CHILLERS, ETC. THAT MAY BE FURNISHED WITH AN INTEGRAL DISCONNECT, PROVIDE LABEL ON UNIT AT THE INTEGRAL DISCONNECT LOCATION OR INPUT POWER CONNECTION LOCATION.
- LABEL THE FOLLOWING ITEMS:
 - PANELBOARDS
 - ENCLOSURES AND ELECTRICAL CABINETS
 - DISCONNECT SWITCHES
 - ACCESS DOORS AND PANELS FOR CONCEALED ELECTRICAL ITEMS, LABEL WITH ITEMS CONCEALED
 - VARIABLE SPEED CONTROLLERS

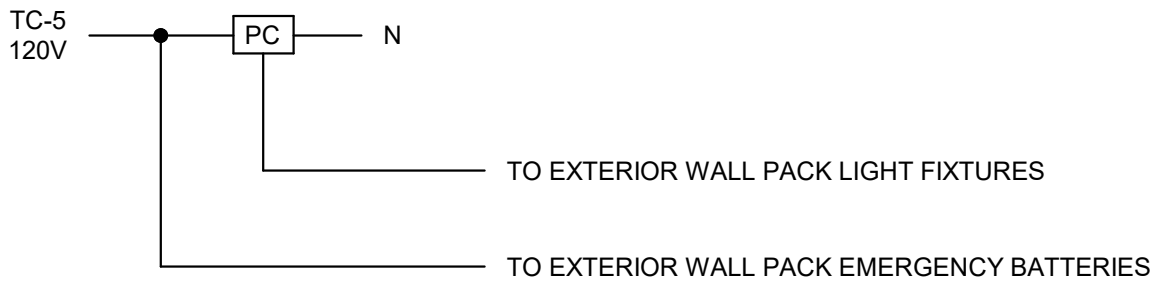


2 EQUIPMENT IDENTIFICATION NAMEPLATE DETAIL
E8.01 NOT TO SCALE

3 TYPICAL DEVICE MOUNTING HEIGHTS
E8.01 NOT TO SCALE



- NOTES:**
- MOUNT CONTROLS IN A NEMA TYPE 3 ENCLOSURE SIZED AS REQUIRED. PROVIDE ENGRAVED NAMEPLATE ON DOOR.
 - CONTACTOR SHALL BE SQUARE D CLASS 8903 TYPE L ELECTRICALLY HELD LIGHTING CONTACTOR OR APPROVED EQUAL. CONTACTS SHALL BE 30A CONTINUOUS RATED, QUANTITY AS INDICATED. PROVIDE COIL VOLTAGE AS INDICATED AND MINIMUM TWO (2) SPARE POLES.
 - KEY SWITCH SHALL BE BACO L21LA00-3E10 OR APPROVED EQUAL. KEY SWITCH SHALL BE 2 POSITION, BE COMPLETE DEVICE WITH CONTACTS INCLUDED, AND BE WET LOCATION RATED. MOUNT KEY SWITCH IN ENCLOSURE DOOR.
 - LOCATE CONTROLS ADJACENT TO PANELBOARD.



- NOTES:**
- PHOTO CONTROL SHALL BE ELECTRONIC SWIVEL & STEM TYPE, DUSK-TO-DAWN, FAIL ON, SPST, RATED FOR 6A ELECTRONIC FIXTURE LOAD, 1800 VA BALLAST LOAD, WITH VOLTAGE AS INDICATED, INTERMATIC EK4236S OR APPROVED EQUAL. MOUNT ON CONDUIT AT HIGHEST PRACTICAL POINT FACING NORTH.

5 EXTERIOR LIGHTING CONTROL DETAIL
E8.01 NOT TO SCALE

4 FIELD LIGHTING CONTROLLER 'FLC'
E8.01 NOT TO SCALE

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**ELECTRICAL
DETAILS**

E8.01

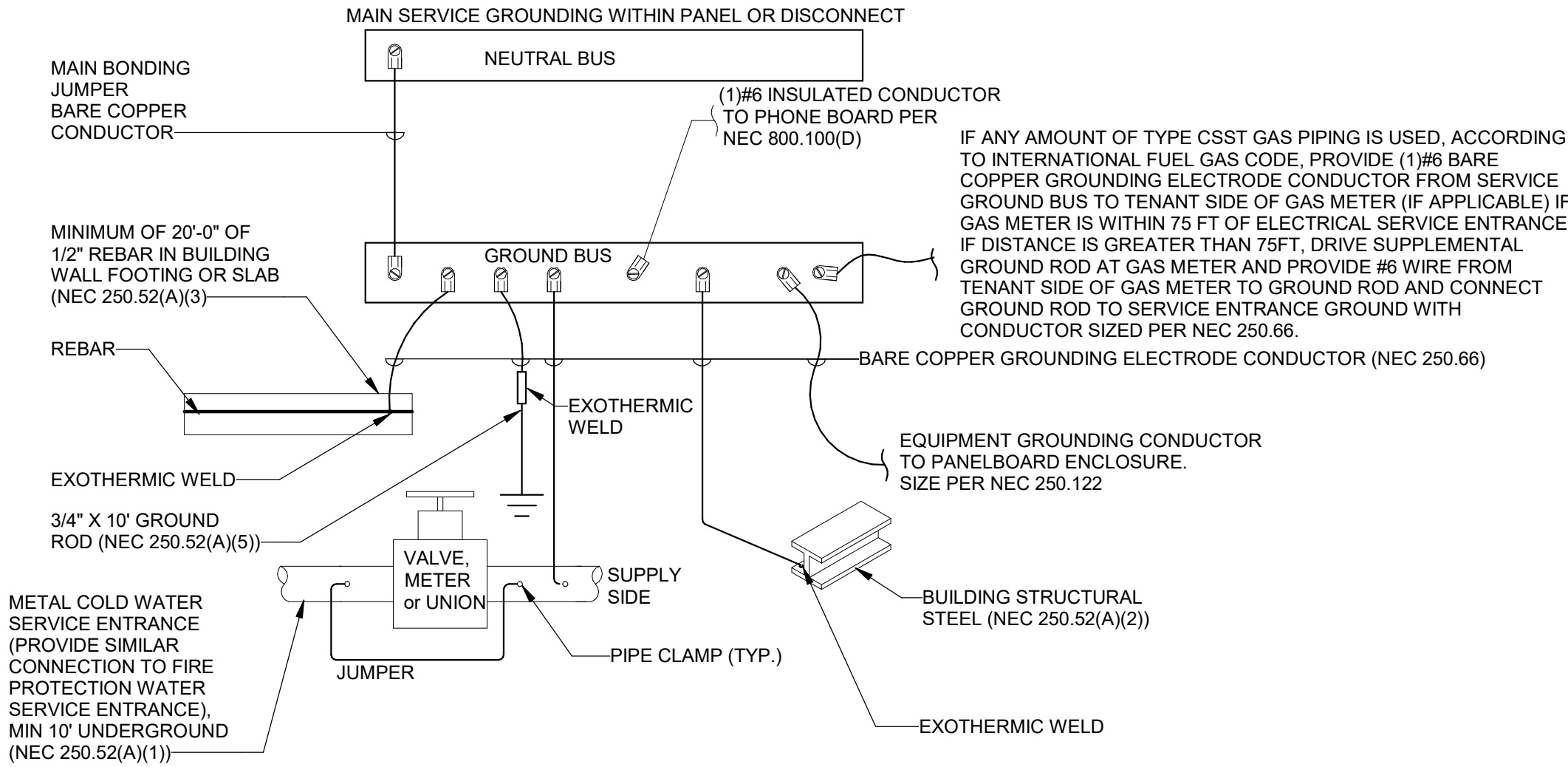
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Panel: F															Remarks:		
										Voltage: 480/277 Wye			Min SCCR: 35K		SERVICE ENTRANCE RATED		
										Phases: 3			Mounting: SURFACE				
										Wires: 4			Feeder Rating: 200 A				
										Enclosure: TYPE 3R			Panel Rating: 200 A		Type: MCB		
BRKR	Notes	Circuit Description			CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR		
20 A	3	LC	FIELD LIGHT 'S1'	1	2333	2333						2	FIELD LIGHT 'S2'	LC	3	20 A	
				3			2333	2333			4						
				5					2333	2333	6						
20 A	3	LC	FIELD LIGHT 'S3'	7	2333	2333						8	FIELD LIGHT 'S4'	LC	3	20 A	
				9			2333	2333			10						
				11					2333	2333	12						
20 A	1		FIELD LIGHTING CONTROLLER	13	500	--						14	SPACE		1	--	
--	1		SPACE	15			--	--				16	SPACE		1	--	
--	1		SPACE	17					--	--		18	SPACE		1	--	
--	1		SPACE	19	--	--						20	SPACE		1	--	
--	1		SPACE	21			--	--				22	SPACE		1	--	
--	1		SPACE	23					--	--		24	SPACE		1	--	
125 A	3		PANEL 'TC' VIA XFMR 'T-TC'	25	21919	--						26	SPACE		1	--	
				27			20943	--			28	SPACE		1	--		
				29					28130	--	30	SPACE		1	--		
					31752 VA		30276 VA		37463 VA								
PANEL TOTALS:																	
Connected Load		Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	Misc									
		28222 VA	5080 VA	6300 VA	1800 VA			53590 VA									
Demand Factor		125.00%	100.00%	100.00%	NEC			100.00%	Total Conn. Load: 99492 VA								
Demand Load		35278 VA	5080 VA	6300 VA	1800 VA			53590 VA	Total Est. Demand: 106548 VA								
									Total Conn. Current: 120 A								
									Total Est. Demand Current: 128 A								

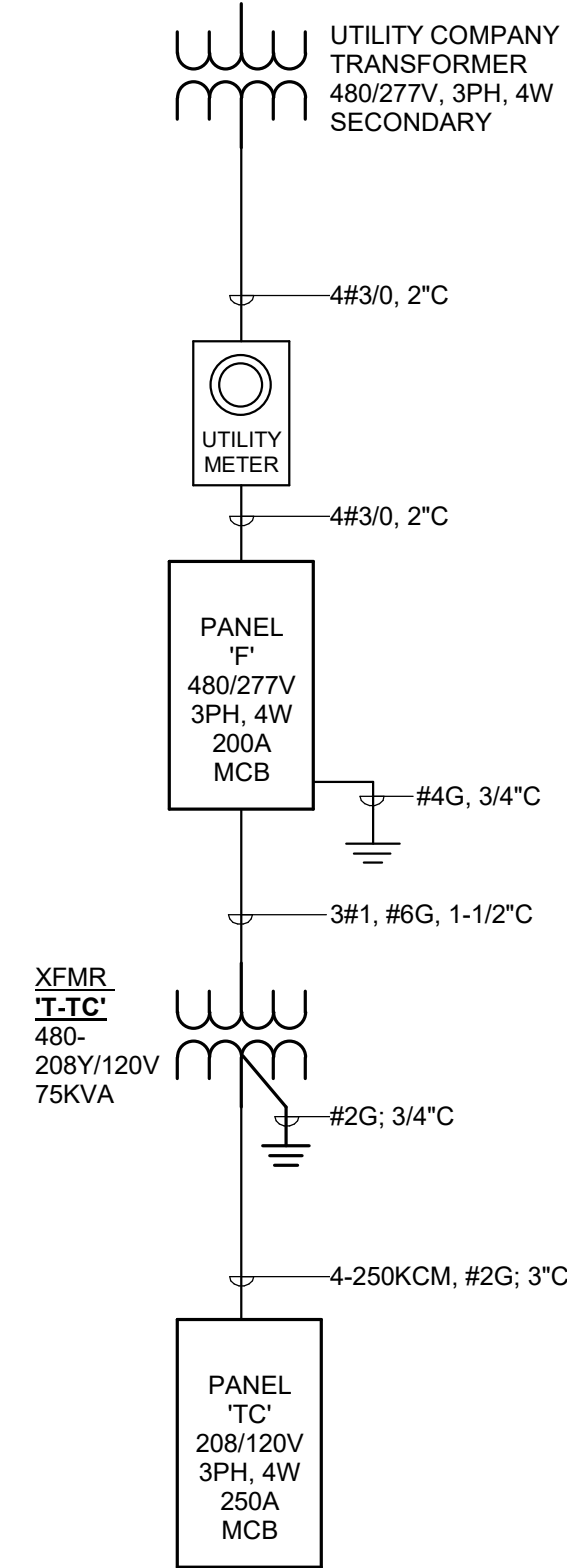
Panel: TC										Remarks:								
					Voltage: 120/208 Wye			Min SCCR: 10K										
					Phases: 3			Mounting: SURFACE										
					Wires: 4			Feeder Rating: 250 A										
					Enclosure: TYPE 1			Panel Rating: 400 A		Type: MCB								
BRKR	Notes	Circuit Description			CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description			Notes	BRKR	
20 A	1	L - STORAGE, EF-1			1	119	2250					2	WH-1				2	30 A
20 A	1	L - RESTROOMS, EF-2, EF-3, EF-4			3			183	2250			4						
20 A	1	L - EXTERIOR			5					90	1000	6	EUH-1			2	20 A	
20 A	1	R - STORAGE ROOM			7	360	1000					8						
20 A	1	R - STORAGE ROOM			9			360	1000			10	EUH-2			1	20 A	
20 A	1	R - STORAGE ROOM			11					360	1000	12	EUH-3			1	20 A	
20 A	1	R - EXTERIOR			13	540	1000					14	EUH-4			1	20 A	
20 A	1	IRRIGATION CONTROLLER			15			500	1500			16	HAND DRYER			1	20 A	
20 A	1	PUMP STATION CTRL PWR & RCPT			17					180	1500	18	HAND DRYER			1	20 A	
50 A	2	PUMP STATION - PUMPS			19	3150	1500					20	HAND DRYER			1	20 A	
20 A	1	SPARE			21			3150	0			22	SPARE			1	20 A	
20 A	1	SPARE			23					0	0	24	SPARE			1	20 A	
20 A	1	SPARE			25	0	0					26	SPARE			1	20 A	
20 A	1	SPARE			27			0	0			28	SPARE			1	20 A	
--	1	SPACE			29					--	--	30	SPACE			1	--	
--	1	SPACE			31	--	--					32	SPACE			1	--	
--	1	SPACE			33			--	--			34	SPACE			1	--	
70 A	2	SPARE FOR FUTURE FOOD TRUCK POWER			35					6000	6000	36	SPARE FOR FUTURE FOOD TRUCK POWER					
					37	6000	6000					38	POWER			2	70 A	
70 A	2	SPARE FOR FUTURE FOOD TRUCK POWER			39			6000	6000			40	SPARE FOR FUTURE FOOD TRUCK POWER					
					41					6000	6000	42	POWER			2	70 A	
						21919 VA		20943 VA		28130 VA								
		Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	Misc	PANEL TOTALS:									
Connected Load		222 VA	5080 VA	6300 VA	1800 VA			53090 VA										
Demand Factor		125.00%	100.00%	100.00%	NEC			100.00%	Total Conn. Load: 70992 VA									
Demand Load		278 VA	5080 VA	6300 VA	1800 VA			53090 VA	Total Est. Demand: 71048 VA									
									Total Conn. Current: 197 A									
									Total Est. Demand Current: 197 A									

GROUNDING NOTES:

- ALL GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL GROUNDING REQUIREMENTS.



2 SERVICE GROUNDING DETAIL
E9.01 NOT TO SCALE



1 SINGLE-LINE DIAGRAM
E9.01 NOT TO SCALE

PANEL NOTES:

- G - GFI CIRCUIT BREAKER
- LC - ROUTE CIRCUIT HOMERUN VIA CONTACTOR
- LF - PROVIDE PAD-LOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER
- LO - PROVIDE LOCK-ON DEVICE FOR CIRCUIT BREAKER
- SUB - SUB-FEED CIRCUIT BREAKER

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ELECTRICAL PANEL
SCHEDULES AND
SINGLE-LINE
DIAGRAMS

E9.01