NEWBERRY COUNTY
REUNION PARK IMPROVEMENTS

749 MILL STREET
LITTLE MOUNTAIN, SC 29075

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

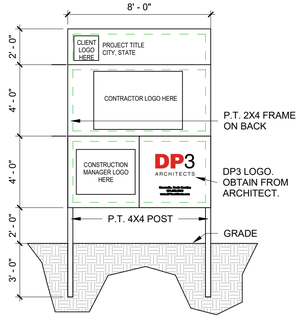
ELEVATION TAG — LEVEL / ELEVATION — NOTE TAG — DOOR TAG
SECTION TAG — COLUMN LINE — MATERIAL TAG — WALL TAG
DETAIL TAG — REVISION TAG — EQUIPMENT / ACCESSORY TAG — WINDOW/ STOREFRONT TAG
VIEW REFERENCE — ROOM TAG — FURNITURE / MILLWORK TAG — TEMPERED GLASS TAG

VICINITY MAP

PROJECT SCOPE

THE PROJECT SCOPE OUTLINED IN THIS SET OF DOCUMENTS INCLUDES IMPROVEMENTS TO THE TOWN OF LITTLE MOUNTAIN REUNION PARK, INCLUDING UPGRADED PARK ENTRANCE, UPGRADED WALKING TRAIL, RENOVATIONS TO EXISTING STRUCTURES, UPGRADES TO EXISTING RESTROOMS FOR ACCESSIBILITY COMPLIANCE, UPGRADED ELECTRICAL AND MECHANICAL AT EXISTING STRUCTURES AND NEW ACCESSIBLE RESTROOM BUILDING.

PROJECT SIGN



NOTES:

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

PROJECT CONTACTS

OWNER
NEWBERRY COUNTY
1309 COLLEGE STREET
P.O. BOX 156
NEWBERRY, SC 29108

CONTACT:
CRYSTAL WALDROP
T: 803.321.2100
CWALDROP@NEWBERRYCOUNTY.GOV

CONSTRUCTION MANAGER
CLAYTON CONSTRUCTION
121 VENTURE BLVD # A
SPARTANBURG, SC 29306

CONTACT:
ADAM FAILLA
T: 864.576.1901
ADAM@CLAYTONCONSTRUCTION.NET

CIVIL ENGINEER
WK DICKSON & CO., INC.
5 LEGACY PARK ROAD
SUITE A
GREENVILLE, SC 29607

CONTACT:
JEFF EDNEY, PE
T: 864.990.0180
JEDNEY@WKDICKSON.COM

ARCHITECT
DP3 ARCHITECTS, LTD.
15 SOUTH MAIN STREET
SUITE 400
GREENVILLE, SC 29601

CONTACT:
LAUREL GETTY
T: 864.232.8200
LGETTY@DP3ARCHITECTS.COM

STRUCTURAL ENGINEER
BRITT, PETERS & ASSOCIATES, INC.
101 FALLS PARK DRIVE
SUITE 601
GREENVILLE, SC 29601

CONTACT:
ROB GERNON, PE
T: 864.271.8869
RGERNON@BRITTPETERS.COM

PLUMBING ENGINEER
DEVITA & ASSOCIATES, INC.
33 VILLA ROAD
SUITE 300
GREENVILLE, SC 29615

CONTACT:
SHANNON EPPS, PE
T: 864.232.6642
SEPPS@DEVITAINC.COM

MECHANICAL ENGINEER
DEVITA & ASSOCIATES, INC.
33 VILLA ROAD
SUITE 300
GREENVILLE, SC 29615

CONTACT:
SHANNON EPPS, PE
T: 864.232.6642
SEPPS@DEVITAINC.COM

ELECTRICAL ENGINEER
DEVITA & ASSOCIATES, INC.
33 VILLA ROAD
SUITE 300
GREENVILLE, SC 29615

CONTACT:
SHANNON EPPS, PE
T: 864.232.6642
SEPPS@DEVITAINC.COM

DRAWING INDEX

Seal

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — GREENVILLE, SC — B - 84017 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS WISH — GREENVILLE, SC — 04577 — REGISTERED ARCHITECT

27 JUNE 2023

DP3 ARCHITECTS

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

Project

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

Project Number	23236
Drawn By	LTG
Checked By	RHW
Date	30 APR 2025

Revisions

Drawing

TITLE SHEET

T1.01

PROJECT ADDRESS

749 MILL STREET
LITTLE MOUNTAIN, SC 29075

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:	697-4-6-1		
ZONING CLASS:	R-25	FLOOD ZONE:	NO
ALLOWED HEIGHT:	VARIES	WETLANDS:	NO
ALLOWED STORIES:	VARIES	FIRE DISTRICT:	NO
		DARK SKY REQUIREMENTS:	NO
OVERLAY DISTRICT:	N/A	CLIMATE ZONE:	3A

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		IBC SECTION 302	
MIXED USE AND OCCUPANCY	YES	IBC SECTION 508	
OCCUPANCY GROUPS (ALL)	A, U	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	

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
BUILDING A	A	TYPE V-B	NS	40' - 0"	15' - 8"	1	1	6,000 SF	1,590 SF
BUILDING B RESTROOM 1	U	TYPE V-B	NS	40' - 0"	12' - 0"	1	1	UL	179 SF
BUILDING B RESTROOM 2	U	TYPE V-B	NS	40' - 0"	12' - 0"	1	1	UL	204 SF
BUILDING C	A	TYPE V-B	NS	40' - 0"	13' - 6"	1	1	UL	431 SF
BUILDING D	A	TYPE V-B	NS	40' - 0"	13' - 6"	1	1	UL	605 SF
BUILDING E	A	TYPE V-B	NS	40' - 0"	15' - 0"	1	1	UL	2,808 SF
BUILDING G	U	TYPE V-B	NS	40' - 0"	24' - 0"	1	1	UL	107 SF
BUILDING H	U	TYPE V-B	NS	40' - 0"	15' - 0"	1	1	UL	127 SF

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		UR	FEMALE		UNISEX*		MALE		FEMALE		UNISEX*							
		RQ	PV		RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV
U	7 TO.	0	0	0	0	0	0.15	4	0	0	0	0	0.05	4	0	0	0	0	1	0

BUILDING B.
BUILDING OCCUPANCY UNCHANGED. LEVEL 1 ALTERATION - IMPROVED ACCESSIBILITY FOR EXISTING RESTROOMS.

PLUMBING FIXTURES (IBC TABLE 2902.1)

OCCUPANCY		WATER CLOSETS							LAVATORIES						BATHTUB/ SHOWER		DRINKING FOUNTAIN		SERVICE SINK	
TYPE	LOAD	MALE		UR	FEMALE		UNISEX*		MALE		FEMALE		UNISEX*							
		RQ	PV		RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV
U	7 (4M | 4F)	0.05	1	0	0.1	1	0	0	0.02	1	0.03	1	0	0	0	0	0	0	1	0

BUILDING G.
BUILDING OCCUPANCY UNCHANGED. LEVEL 1 ALTERATION - EXISTING TOILET / URINAL FIXTURE COUNT USED.

PLUMBING FIXTURES (IBC TABLE 2902.1)

OCCUPANCY		WATER CLOSETS							LAVATORIES						BATHTUB/ SHOWER		DRINKING FOUNTAIN		SERVICE SINK	
TYPE	LOAD	MALE		UR	FEMALE		UNISEX*		MALE		FEMALE		UNISEX*							
		RQ	PV		RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV	RQ	PV
U	2 TO.	0	0	0	0	0	0.04	2	0	0	0	0	0.01	2	0	0	0	0	1	0

BUILDING H - NEW CONSTRUCTION.
SERVICE SINK PROVIDED AT OTHER LOCATIONS ON SITE.

Seal

STATE OF SOUTH CAROLINA
DP3 ARCHITECTS LTD.
GREENVILLE, SC
B - 84017
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS PRY
GREENVILLE, SC
04570
REGISTERED ARCHITECT

27 JUNE 2023

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Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

Project Number	23236
Drawn By	LTG
Checked By	RHW
Date	30 APR 2025

Revisions

Drawing

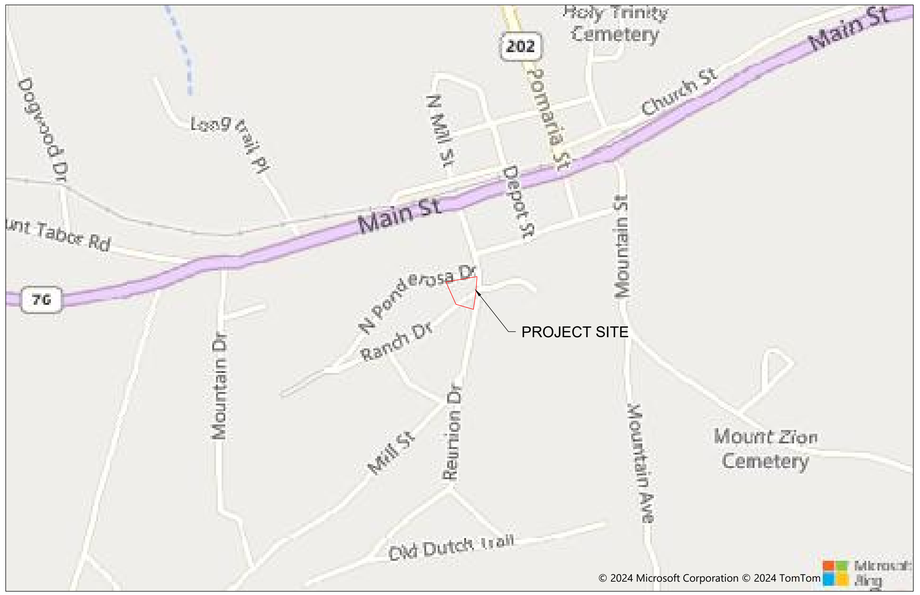
CODE REVIEW

LS1.01

REUNION PARK IMPROVEMENTS

FOR THE
TOWN OF LITTLE MOUNTAIN
NEWBERRY COUNTY, SC

WK DICKSON PROJECT NO: 20231100.00.GV



LOCATION MAP
SCALE: 1" = 100'

TOWN OF LITTLE MOUNTAIN
PHONE NUMBER: (803) 605-8777

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 CROSS THROUGH THE AREA(S) OF CONSTRUCTION, WHETHER INDICATED ON 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:

TOWN OF LITTLE MOUNTAIN
CONTACT: ~~TBD~~

ENGINEER:

WK DICKSON
CONTACT: JEFF EDNEY, P.E.,
5 LEGACY PARK ROAD, SUITE A
GREENVILLE, SC 29607
PHONE NUMBER: 864-990-0180
JEDNEY@WKDICKSON.COM

Sheet List Table

Sheet Number	Sheet Title
G-001	COVER SHEET
G-002	GENERAL NOTES AND LEGEND
C-101	EXISTING CONDITIONS PLAN
C-102	SITE LAYOUT & UTILITY PLAN
C-103	GRADING & DRAINAGE PLAN
CD-101	DEMOLITION & ESC PLAN
C-501	ESC DETAILS
C-502	SITE DETAILS (1 OF 2)
C-503	SITE DETAILS (2 OF 2)
C-504	UTILITY DETAILS
C-505	DRAINAGE DETAILS

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.

WK DICKSON
community infrastructure consultants

5 LEGACY PARK ROAD
SUITE A
GREENVILLE, SC 29607
(t)864-990-0180

WWW.WKDICKSON.COM

WKD PROJECT NO. - 20231100.00.GV

Seal

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION W.K. DICKSON & CO., LLC No. C00177

SOUTH CAROLINA PROFESSIONAL ENGINEER JEFFREY HOYLE EDNEY No. 24571
05/02/2025

DP3 ARCHITECTS

DP3 Architects, Ltd.
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Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

Project Number	23236
Drawn By	EAH
Checked By	JHE
Date	30 APR 2025

Revisions

Drawing

COVER SHEET

G-001

GENERAL NOTES

1. REFERENCE IS MADE TO THE FOLLOWING:
   A. TOPOGRAPHIC SURVEY PREPARED FOR TOWN OF LITTLE MOUNTAIN BY GEL ENGINEERING, LLC , DATED FEBRUARY 8, 2024.
2. ALL ELEVATIONS SHOWN REFER TO NAVD 88 DATUM.
3. HORIZONTAL COORDINATES REFER TO NAD 83 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM.
4. 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.
5. ALL WORK FOR THE PROJECT SHALL CONFORM TO THE PROJECT SPECIFICATIONS FOUND IN THE PROJECT MANUAL (CONTRACT DOCUMENTS AND SPECIFICATIONS).
6. CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND STAKING OF THE PROPOSED SITE AND LIMITS OF WORK.
7. 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.
8. THE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING WORK IN ACCORDANCE WITH THE LATEST REQUIREMENTS AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
9. 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.
10. 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.
11. 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.
12. KEEP ALL ADJACENT AREAS TO THE LIMITS OF WORK CLEAN AND FREE OF DEBRIS/MATERIALS/EQUIPMENT AT ALL TIMES.
13. CONTRACTOR RESPONSIBLE FOR PREPARING AND OBTAINING APPROVAL OF ALL TRAFFIC CONTROL PLANS AND LAYOUT AS REQUIRED FOR THE DURATION OF THE PROJECT.
14. ANY POSSIBLE STOCKPILES, OFFSITE MATERIAL, WASTE, BORROW, OR CONSTRUCTION EQUIPMENT STORAGE / LAYDOWN AREAS SHALL BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.
15. THE CONCRETE WASHOUT SHALL BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.

EXISTING CONDITION AND DEMOLITION PLAN NOTES:

1. EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION OF ANY NEW PIPE LINES OR GRADING OPERATIONS.
2. ALL VEGETATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED PRIOR TO PLACING FILL, PROTECT STOCKPILE FROM EROSION.
3. CONTRACTOR SHALL, FOR ALL GRASSED AREAS, BE RESPONSIBLE FOR REPLACING ERODED SOIL AND GRASS SEED UNTIL AN APPROVED STAND OF GRASS IS ESTABLISHED.
4. REMOVE ALL ORGANIC AND UNSUITABLE MATERIAL (MUCK AND/OR NON-COMPACTABLE MATERIAL) FROM AREAS TO BE FILLED.
5. 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.
6. ALL AREAS OUTSIDE OF THE LIMITS OF WORK WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SEEDED AT NO ADDITIONAL EXPENSE TO THE OWNER.
7. 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.
8. 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

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
14. 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;
15. 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.).
16. 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.
16. 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.
17. 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.
18. 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:

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

C-SWPPP CONSTRUCTION REQUIREMENTS:

1. RECEIVE NPDES COVERAGE FROM SCDES, TOWN OF LITTLE MOUNTAIN, AND NEWBERRY COUNTY.
2. CONDUCT ON-SITE PRE-CONSTRUCTION MEETING.
3. NOTIFY SCDES REGIONAL EQC OFFICE AND TOWN OF PROSPERITY 48 HOURS PRIOR TO BEGINNING LAND DISTURBANCE ACTIVITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DIFFERENCES NOTICED ON SITE AS COMPARED TO THE CONSTRUCTION DOCUMENTS
5. CLEARING AND GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
6. BEGIN PERFORMING WEEKLY SCDES SWPPP INSPECTIONS UNTIL SITE IS PERMANENTLY STABILIZED.
7. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES AND CONTINUE WEEKLY SCDES SWPPP INSPECTIONS.
8. BEGIN CLEARING & GRUBBING AS INDICATED ON THE PLANS.
9. PERFORM ROUGH GRADING OPERATIONS.
10. APPLY TEMPORARY SEEDING AS REQUIRED BY NEWBERRY COUNTY AND TOWN OF LITTLE MOUNTAIN STANDARDS WITHIN AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES WILL NOT RESUME FOR LONGER THAN 14 DAYS.
11. INSTALL EROSION CONTROL DEVICES AS REQUIRED, OR NEEDED.
12. PERFORM FINE GRADING IN AREA OF PROPOSED ASPHALT PAVING.
13. INSTALL ASPHALT PAVEMENT PARKING AREA.
14. APPLY TOPSOIL IN ALL NON-PAVED AREAS AND INITIATE PERMANENT STABILIZATION MEASURES.
15. MAINTAIN ALL SEDIMENT AND EROSION CONTROL FEATURES THROUGHOUT THE LIFE OF THE PROJECT.
16. 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.
17. UPON COMPLETE STABILIZATION OF THE ASPHALT PAVING, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND REMOVE SEDIMENT BUILDUP FROM THE STORMWATER CONVEYANCE SYSTEM.
18. CONDUCT FINAL INSPECTION WITH NEWBERRY COUNTY AND TOWN OF LITTLE MOUNTAIN.
19. SUBMIT NOTICE OF TERMINATION (NOT) TO NEWBERRY COUNTY AND TOWN OF LITTLE MOUNTAIN AS APPROPRIATE (BY ENGINEER).

LEGEND

EXISTING		PROPOSED
1070	MAJOR CONTOUR	780
1071	MINOR CONTOUR	781
	STORM DRAIN	
SS	SANITARY SEWER MAIN	SS
	SANITARY SEWER CLEANOUT	
	LIGHT POLE	
UE	UNDERGROUND GAS LINE	UE
	GAS VALVE	
	OVERHEAD UTILITY LINE	
	UNDERGROUND COMMUNICATIONS LINE	
X X	CHAIN LINK FENCE	X X
	ROADWAY SIGN	
R/W	RIGHT-OF-WAY	R/W
	TOP / BOTTOM OF BANK	
	LIMITS OF DISTURBANCE	
	SINGLE ROW SILT FENCE	
	STONE OUTLET PROTECTION	
	ROCK DITCH CHECK	
	SEDIMENT TUBE DITCH CHECK	
	POROUS BAFFLES	
	RIP RAP	
	TEMPORARY CONSTRUCTION FENCE	X X
	ORANGE TREE SAVE FENCE	
	ASPHALT PAVEMENT AREA	
	CONCRETE PAVEMENT AREA	
	CONCRETE CURB & GUTTER	
	TOPSOILING & STRIPPING AREA	
	CLEARING & GRUBBING AREA	
	PAVEMENT LAYOUT PT	XX
	ASPHALT PAVEMENT SAW CUT	
	SEDIMENT TUBE INLET PROTECTION	
	DIVERSION BERM	DB

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WKD PROJECT NO. - 20231100.00.GV

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Project

historic Little Mountain

NEWBERRY COUNTY REUNION PARK IMPROVEMENTS

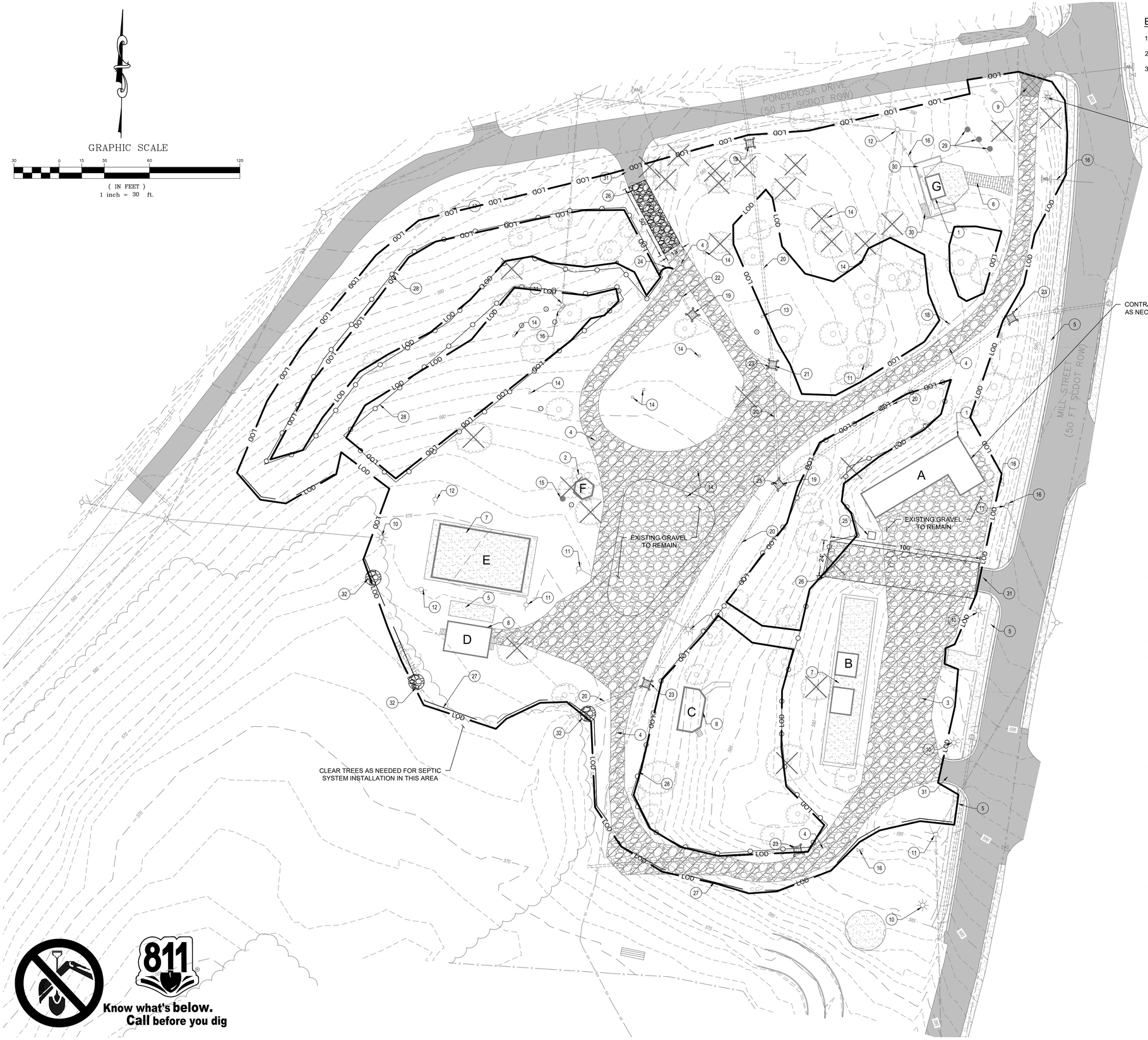
Project Number	23236
Drawn By	EAH
Checked By	JHE
Date	30 APR 2025

Revisions

Drawing

GENERAL NOTES AND LEGEND

G-002



EROSION CONTROL NOTES:

1. SEE SHEET G-002 FOR FOR CONSTRUCTION SEQUENCE AND GENERAL NOTES
2. ALL SLOPES GREATER THAN 3:1 SHALL HAVE EROSION CONTROL MATTING INSTALLED.
3. ALL TOPOGRAPHY IS SHOWN AT 1 FOOT CONTOUR INTERVALS
   TOTAL LIMITS OF DISTURBANCE = 3.1 AC

KEY NOTES:

1. EXISTING BUILDING TO REMAIN
2. EXISTING BUILDING TO BE REMOVED
3. EXISTING GRAVEL PARKING LOT
4. EXISTING GRAVEL WALKWAY
5. EXISTING CONCRETE SIDEWALK
6. EXISTING BRICK PAVERS TO BE REMOVED
7. EXISTING COVERED CONCRETE PAD TO REMAIN
8. EXISTING STAGE TO REMAIN
9. EXISTING ASPHALT PAVEMENT TO BE REMOVED
10. EXISTING LIGHT POLE TO REMAIN
11. EXISTING POWER POLE/OVERHEAD ELECTRIC TO REMAIN
12. EXISTING POWER POLE/OVERHEAD ELECTRIC TO BE RELOCATED
13. EXISTING OUTLET BOX TO REMAIN
14. EXISTING OUTLET BOX AND POWER POST TO BE REMOVED
15. EXISTING FLAG POLE TO REMAIN (TYP.)
16. EXISTING UTILITY INFRASTRUCTURE TO REMAIN
17. EXISTING WATER MAIN TO REMAIN
18. EXISTING SEWER FORCE MAIN TO REMAIN
19. EXISTING STORM DROP INLET TO REMAIN (TYP.)
20. EXISTING STORM PIPE TO REMAIN
21. EXIST. STORM DI TO BE CONVERTED TO JUNCTION MANHOLE
22. EXISTING STORM PIPE TO BE REMOVED
23. TYPE A INLET PROTECTION (TYP.)
24. SEDIMENT TUBE INLET PROTECTION (TYP.)
25. CONCRETE WASHOUT
26. GRAVEL CONSTRUCTION ENTRANCE
27. REINFORCED SILT FENCE
28. ORANGE TREE PROTECTION FENCING
29. EXISTING FLAG POLE TO BE RELOCATED
30. EXISTING WOOD DECK AND STEPS TO GRADE TO BE REMOVED
31. EXISTING ASPHALT PAVEMENT TO REMAIN
32. SILT FENCE ROCK OUTLET

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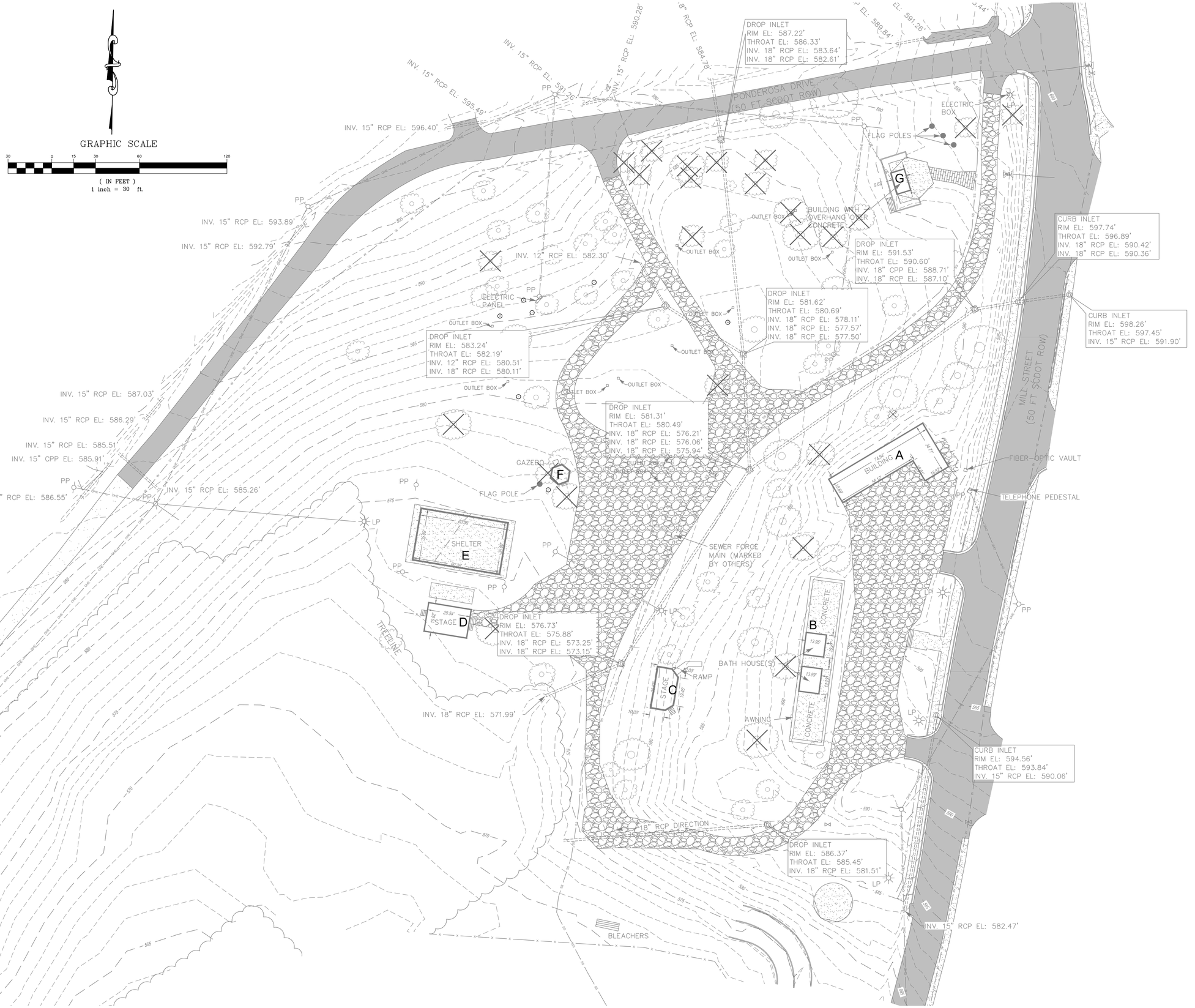
Revisions

Drawing

DEMOLITION & ESC PLAN

CD-101



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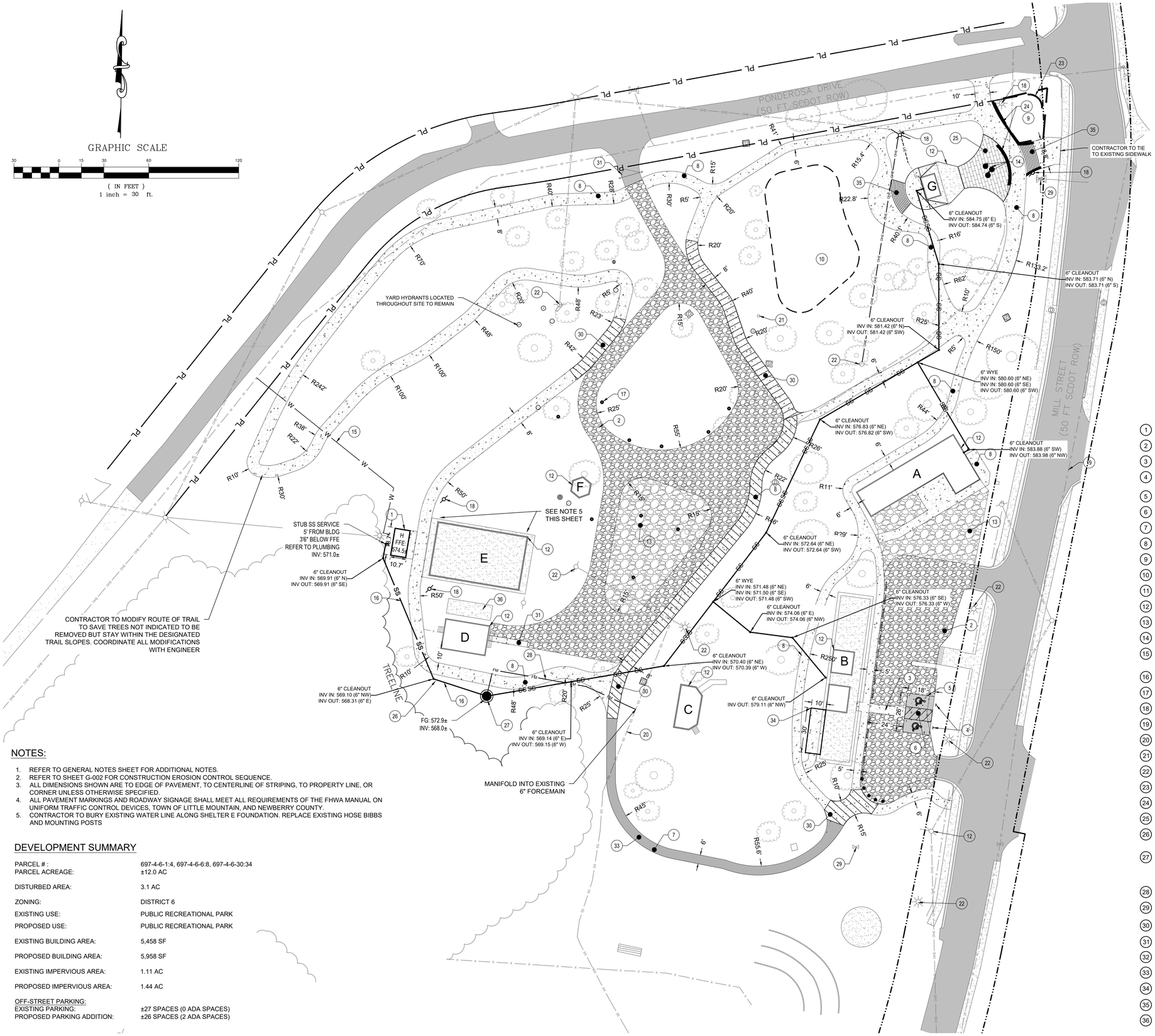
EXISTING CONDITIONS PLAN

C-101



NOTES:

1. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL NOTES.
2. REFER TO SHEET G-002 FOR CONSTRUCTION EROSION CONTROL SEQUENCE.
3. ALL DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT, TO CENTERLINE OF STRIPING, TO PROPERTY LINE, OR CORNER UNLESS OTHERWISE SPECIFIED.
4. ALL PAVEMENT MARKINGS AND ROADWAY SIGNAGE SHALL MEET ALL REQUIREMENTS OF THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, TOWN OF LITTLE MOUNTAIN, AND NEWBERRY COUNTY.
5. CONTRACTOR TO BURY EXISTING WATER LINE ALONG SHELTER E FOUNDATION. REPLACE EXISTING HOSE BIBBS AND MOUNTING POSTS

DEVELOPMENT SUMMARY

PARCEL # :	697-4-6-1:4, 697-4-6-6:8, 697-4-6-30:34
PARCEL ACREAGE:	±12.0 AC
DISTURBED AREA:	3.1 AC
ZONING:	DISTRICT 6
EXISTING USE:	PUBLIC RECREATIONAL PARK
PROPOSED USE:	PUBLIC RECREATIONAL PARK
EXISTING BUILDING AREA:	5,458 SF
PROPOSED BUILDING AREA:	5,958 SF
EXISTING IMPERVIOUS AREA:	1.11 AC
PROPOSED IMPERVIOUS AREA:	1.44 AC
OFF-STREET PARKING:	
EXISTING PARKING:	±27 SPACES (0 ADA SPACES)
PROPOSED PARKING ADDITION:	±26 SPACES (2 ADA SPACES)

KEY NOTES:

1. PROPOSED BUILDING
2. PROPOSED GRAVEL ADDITION (SEE DETAIL SHEET C-502)
3. PROPOSED CONCRETE PAVEMENT (SEE DETAIL SHEET C-502)
4. HANDICAP PARKING SIGN, SEE DETAIL ON SHEET C-502
5. ADA PARKING BAY, FOR PAVEMENT MARKING, REFER TO DETAIL ON SHEET C-502
6. ADA LOADING/UNLOADING ZONE
7. PROPOSED ASPHALT WALKWAY
8. PROPOSED PEDESTRIAN CONCRETE SIDEWALK (C-502)
9. PROPOSED LANDSCAPE AREA (SEE LANDSCAPE PLANS)
10. FUTURE PLAYGROUND AREA (BY OTHERS)
11. PROPOSED BOLLARDS (SEE DETAIL SHEET C-502)
12. EXISTING STRUCTURE TO REMAIN
13. EXISTING GRAVEL AREA
14. PROPOSED FLAG POLE RELOCATION
15. PROPOSED 1 INCH SCH 40 PVC WATER SERVICE WITH 1 INCH METER AND ⅝"x¾" TAP
16. PROPOSED 6 INCH SCH 40 PVC GRAVITY SEWER SERVICE
17. PROPOSED RV POWER POST (TYP. OF 10)
18. PROPOSED LIGHT/UTILITY POLE RELOCATION
19. EXISTING 6-INCH PVC WATER MAIN (APPROX. LOCATION)
20. EXISTING SANITARY SEWER FORCE MAIN
21. EXISTING POWER POST
22. EXISTING LIGHT/UTILITY POLE TO REMAIN
23. PROPOSED BRICK MONUMENT SIGN
24. PROPOSED SEATWALL
25. PROPOSED PAVERS OR COLORED CONCRETE
26. PROPOSED 4 FT DIA. CONCRETE MANHOLE (DETAIL PER C-504)
27. PROPOSED SANITARY PUMP STATION LIBERTY DUPLEX D3672LSG ENGINEERED PUMP STATION WITH LSG202M GRINDER PUMPS OR APPROVED EQUAL
28. PROPOSED 2 INCH SCH 40 PVC FORCE MAIN
29. EXISTING ⅝"x¾" WATER METER
30. TRAFFIC RATED CONCRETE SECTION
31. PROPOSED SWING GATE
32. PROPOSED 24' CONCRETE RAMP
33. ADD ALTERNATE 8' WIDE CONCRETE PAVEMENT
34. PROPOSED ACCESSIBLE VIEWING AREA
35. PROPOSED CONCRETE STEPS AND HANDRAILS
36. EXISTING CONCRETE PAD IN FRONT OF STAGE TO REMAIN

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SITE LAYOUT & UTILITY PLAN

C-102

PATH SLOPE LEGEND:

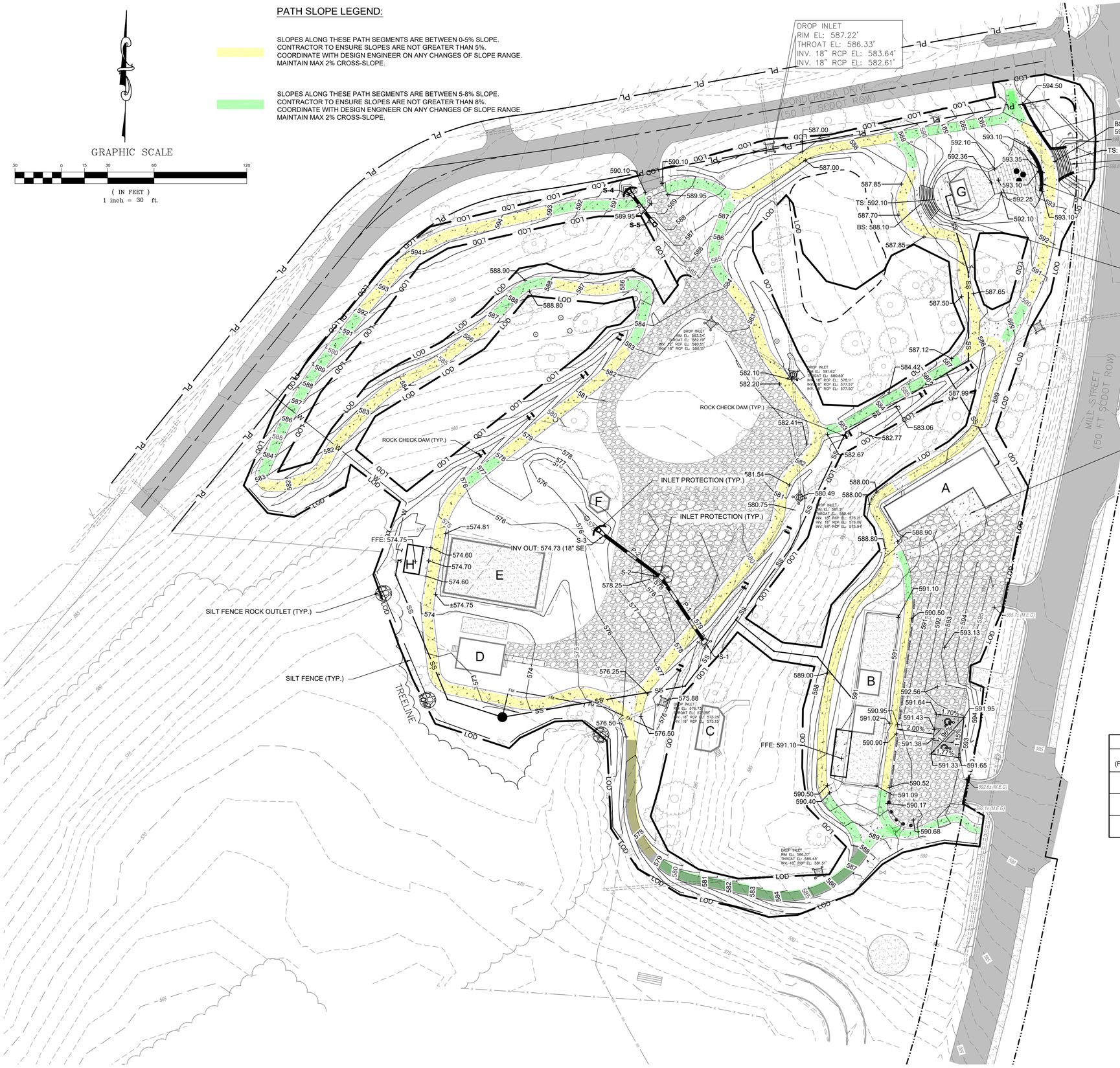
SLOPES ALONG THESE PATH SEGMENTS ARE BETWEEN 0-5% SLOPE.
CONTRACTOR TO ENSURE SLOPES ARE NOT GREATER THAN 5%.
COORDINATE WITH DESIGN ENGINEER ON ANY CHANGES OF SLOPE RANGE.
MAINTAIN MAX 2% CROSS-SLOPE.

SLOPES ALONG THESE PATH SEGMENTS ARE BETWEEN 5-8% SLOPE.
CONTRACTOR TO ENSURE SLOPES ARE NOT GREATER THAN 8%.
COORDINATE WITH DESIGN ENGINEER ON ANY CHANGES OF SLOPE RANGE.
MAINTAIN MAX 2% CROSS-SLOPE.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.



NOTE:
PERMANENTLY SEED ALL DISTURBED AREAS IMMEDIATELY UPON REACHING FINAL GRADE

CONTRACTOR TO MATCH EXISTING FFE AT BUILDING
ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING

STRUCTURE SUMMARY TABLE		
STRC. NO.	TYPE	ELEV.
S-1	SCDOT STD 714-009-01 (TYPE 9 CB) DOGHOUSE ON EXISTING STORM LINE	RIM = 577.03 IN = 574.01 (18") IN = 574.05 (18")
S-2	SCDOT STD 714-110-01 (24" X 36" DROP INLET)	RIM = 577.75 IN = 574.38 (18") OUT = 574.39 (18")
S-3	SCDOT STD 719-610-00 (END SECTION)	OUT = 574.73 (18")
S-4	SCDOT STD 719-610-00 (END SECTION)	OUT = 587.50 (18")
S-5	SCDOT STD 719-610-00 (END SECTION)	IN = 587.00 (18")

PIPE SUMMARY TABLE					
PIPE ID (FROM STR. TO STR.)	INV UP	INV DN	SIZE & MATERIAL	LENGTH	SLOPE
P-1 S-2 TO S-1	574.39	574.01	18" RCP CLASS III	51'	0.8%
P-2 S-3 TO S-2	574.73	574.38	18" RCP CLASS III	46'	0.8%
P-3 S-4 TO S-5	587.50	587.00	18" CONCRETE PIPE	18'	2.9%

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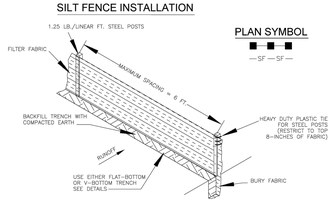
GRADING & DRAINAGE PLAN

C-103

SILT FENCE INSTALLATION



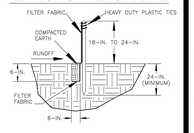
PLAN SYMBOL

— SF — SF —

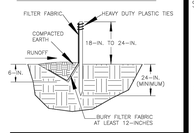
SILT FENCE – GENERAL NOTES

1. Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
2. Maximum sheet or overland flow path length to the silt fence shall be 100–feet.
3. Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
4. Silt fence joints, when necessary, shall be completed by one of the following options:
   - Wrap each fabric together at a support post with both ends fastened to the post, with a 1–foot minimum overlap;
   - Overlap silt fence by installing 3–feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy–duty plastic ties; or,
   - Overlap entire width of each silt fence roll from one support post to the next support post.
5. Attach filter fabric to the steel posts using heavy–duty plastic ties that are evenly spaced within the top 8–inches of the fabric.
6. Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
7. Install Silt Fence Checks (Tie–Backs) every 50–100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL



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

SILT FENCE – POST REQUIREMENTS

1. Silt fence posts must be 48–inch long steel posts that meet, at a minimum, the following physical characteristics.
   - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
   - Include a standard "T" section with a nominal face width of 1.38–inches and a nominal "T" length of 1.48–inches.
   - Weigh 1.25 pounds per foot (± 8%)
2. Posts shall be equipped with projections to aid in fastening of filter fabric.
3. Steel posts may need to have a metal soil stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 17–square inches and be composed of 15 gauge steel, at a minimum. The metal soil stabilization plate should be completely buried.
4. Install posts to a minimum of 24–inches. A minimum height of 1– to 2–inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
5. Post spacing shall be at a maximum of 6–feet on center.

SILT FENCE – FABRIC REQUIREMENTS

1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability relative to each other;
   - Free of any treatment or coating which might adversely alter its physical and/or filtering properties;
   - Free of any defects or flaws that significantly affect its physical and/or filtering properties; and,
   - Have a minimum width of 36–inches.
2. Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
3. 12–inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
5. Filter Fabric shall be installed at a minimum of 24–inches above the ground.

SILT FENCE – INSPECTION & MAINTENANCE

1. The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
5. Removed sediment shall be placed in stockpile storage areas or spread across disturbed area. Stabilize the removed sediment after it is relocated.
6. Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overtopping the silt fence. Install checks/tie–backs and/or reinstall silt fence, as necessary.
7. Check for tears within the silt fence, areas where silt fence has begun to decompose, and for any other circumstance that may render the silt fence ineffective. Removed damaged silt fence and reinstall new silt fence immediately.
8. Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

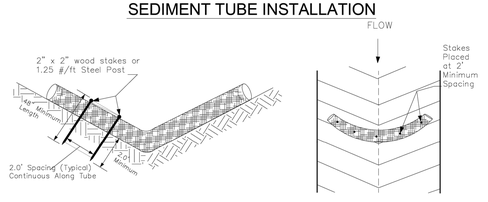
South Carolina Department of Health and Environmental Control

SILT FENCE

STANDARD DRAWING NO. SC–03 PAGE 2 of 2

GENERAL NOTES — FEBRUARY 2014 DATE

SEDIMENT TUBE INSTALLATION



SEDIMENT TUBE SPACING

SLOPE	MAX. SEDIMENT TUBE SPACING
LESS THAN 2%	150–FEET
2%	100–FEET
3%	75–FEET
4%	50–FEET
5%	40–FEET
6%	30–FEET
GREATER THAN 6%	25–FEET

PLAN SYMBOL

SEDIMENT TUBE

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

SEDIMENT TUBES – GENERAL NOTES

1. Sediment tubes may be installed along contours, in drainage conveyance channels, and around inlets to help prevent off–site discharge of sediment–laden stormwater runoff.
2. Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needle, and leaf mulch–filled sediment tubes are not permitted.
3. The outer netting of the sediment tube should consist of seamless, high–density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high–density polyethylene non–degradable material.
4. Sediment tubes, when used as checks within channels, should range between 18–inches and 24–inches depending on channel dimensions. Diameters outside this range may be allowed where necessary when approved.
5. Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
6. Sediment tubes should be staked using wooden stakes (2–inch X 2–inch) or steel posts (standard "U" or "T" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48–inches in length placed on 2–foot centers.
7. Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
8. The ends of adjacent sediment tubes should be overlapped 6–inches to prevent flow and sediment from passing through the field joint.
9. Sediment tubes should not be stacked on top of one another, unless recommended by manufacturer.
10. Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
11. Sediment tubes should continue up the side slopes a minimum of 1–foot above the design flow depth of the channel.
12. Install stakes at a diagonal facing incoming runoff.

SEDIMENT TUBES – INSPECTION & MAINTENANCE

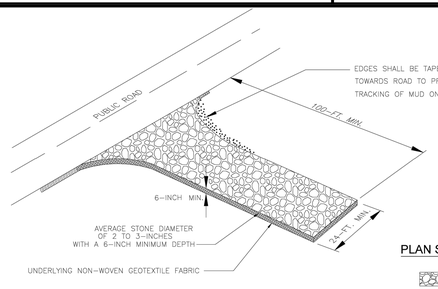
1. The key to functional sediment tubes is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of sediment tubes shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations in front of the sediment tube is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the sediment tube.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Large debris, trash, and leaves should be removed from in front of tubes when found.
7. If erosion causes the edges to fall to a height equal to or below the height of the sediment tube, repairs should be made immediately to prevent runoff from bypassing tube.
8. Sediment tubes should be removed after the contributing drainage area has been completely stabilized. Permanent vegetation should replace areas from which sediment tubes have been removed.

South Carolina Department of Health and Environmental Control

SEDIMENT TUBES

STANDARD DRAWING NO. SC–05 PAGE 2 of 2

GENERAL NOTES — FEBRUARY 2014 DATE



SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	24 FEET
ROCK PAD LENGTH	100 FEET
ROCK PAD STONE SIZE	D = 2–3 INCHES

PLAN SYMBOL

SCE

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

CONSTRUCTION ENTRANCE – GENERAL NOTES

1. Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
2. Install a non–woven geotextile fabric prior to placing any stone.
3. Install a culvert pipe across the entrance when needed to provide positive drainage.
4. The entrance shall consist of 2–inch to 3–inch D50 stone placed at a minimum depth of 6–inches.
5. Minimum dimensions of the entrance shall be 24–feet wide by 100–feet long, and may be modified as necessary to accommodate site constraints.
6. The edges of the entrance shall be tapered out towards the road to prevent tracking at the edge of the entrance.
7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.
8. Limestone may not be used for the stone pad.

CONSTR. ENTRANCE – INSPECTION & MAINTENANCE

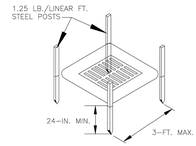
1. The key to functional construction entrances is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of construction entrances shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. During regular inspections, check for mud and sediment buildup and pad integrity. Inspection frequencies may need to be more frequent during long periods of wet weather.
4. Reshape the stone pad as necessary for drainage and runoff control.
5. Wash or replace stones as needed and as directed by site inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce the amount of mud being carried off–site by vehicles. Frequent washing will extend the useful life of stone pad.
6. Immediately remove mud and sediment tracked or washed onto adjacent impervious surfaces by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.
7. During maintenance activities, any broken pavement should be repaired immediately.
8. Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrances have been removed, unless area will be converted to an impervious surface to serve post–construction.

South Carolina Department of Health and Environmental Control

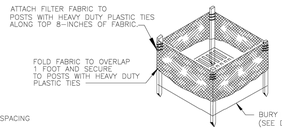
CONSTRUCTION ENTRANCE

STANDARD DRAWING NO. SC–06 PAGE 2 of 2

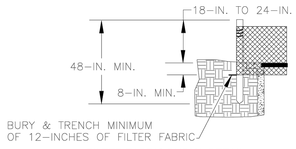
GENERAL NOTES — FEBRUARY 2014 DATE



POST INSTALLATION DETAIL



FILTER FABRIC INSTALLATION DETAIL



FILTER FABRIC BURIAL DETAIL

PLAN SYMBOL

A

South Carolina Department of Health and Environmental Control

Type A

FILTER FABIC INLET PROTECTION

STANDARD DRAWING NO. SC–07 PAGE 1 of 2

NOT TO SCALE — FEBRUARY 2014 DATE

TYPE A – FILTER FABRIC REQUIREMENTS

1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability relative to each other;
   - Free of any treatment or coating which might adversely alter its physical properties after installation;
   - Free of any defects or flaws that significantly affect its physical and/or filtering properties; and,
   - Have a minimum width of 36–inches.
2. Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
3. 12–inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
5. Filter Fabric shall be installed at a minimum of 24–inches above the ground.

TYPE A – POST REQUIREMENTS

1. Silt Fence posts must be 48–inch long steel posts that meet, at a minimum, the following physical characteristics.
   - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
   - Include a standard "T" section with a nominal face width of 1.38–inches and a nominal "T" length of 1.48–inches.
   - Weigh 1.25 pounds per foot (± 8%)
2. Posts shall be equipped with projections to aid in fastening of filter fabric.
3. Install posts to a minimum of 24–inches. A minimum height of 1– to 2– inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
4. Post spacing shall be at a maximum of 3–feet on center.

TYPE A – INSPECTION & MAINTENANCE

1. The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of inlet protection shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations along the filter fabric is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the filter fabric. When a sump is installed in front of the fabric, sediment should be removed when it fills approximately 1/3 the depth of the sump.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Check for areas where stormwater runoff has eroded a channel beneath the filter fabric, or where the fabric has sagged or collapsed due to runoff overtopping the inlet protection.
7. Check for tears within the filter fabric, areas where fabric has begun to decompose, and for any other circumstance that may render the inlet protection ineffective. Removed damaged fabric and reinstall new filter fabric immediately.
8. Inlet protection structures should be removed after all the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.

South Carolina Department of Health and Environmental Control

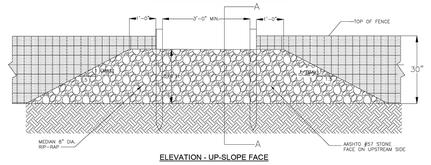
Type A

FILTER FABRIC INLET PROTECTION

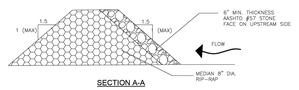
STANDARD DRAWING NO. SC–07 PAGE 2 of 2

GENERAL NOTES — FEBRUARY 2014 DATE

SILT FENCE ROCK OUTLET



ELEVATION - UP-SLOPE FACE



SECTION A-A

RO

PLAN SYMBOL

NOTES:

1. WASHED STONE (#57) TO BE REMOVED AND REPLACED ONCE IT BECOMES CLOGGED WITH SEDIMENT.
2. SEDIMENT TO BE REMOVED WHEN ACCUMULATIONS REACH 1/3 HEIGHT OF SILT FENCE.
3. THE KEY TO FUNCTIONAL ROCK OUTLETS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

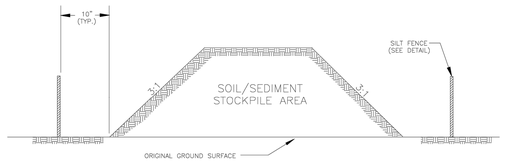
South Carolina Department of Health and Environmental Control

SILT FENCE ROCK OUTLET

STANDARD DRAWING NO. SC–14 PAGE 1 of 1

NOT TO SCALE — FEBRUARY 2014 DATE

TEMPORARY STOCKPILE AREA



NOTES:

1. SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCKPILE, OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOP THE SILT FENCE IS TO EXTEND ALONG CONTOURS OF THE DOWN–GRADIENT AREA.
2. IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.
3. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS EITHER BEEN REMOVED OR PERMANENTLY STABILIZED.
4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

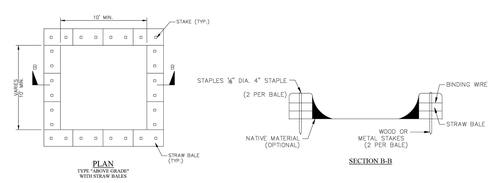
South Carolina Department of Health and Environmental Control

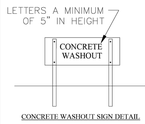
TEMPORARY STOCKPILE

STANDARD DRAWING NO. SC–15 PAGE 1 of 1

NOT TO SCALE — FEBRUARY 2014 DATE

STRAW BALE BARRIER CONCRETE WASHOUT





CONCRETE WASHOUT SIGN DETAIL

NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

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

Permanent Seeding - Upstate

Species	Lbs/Ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bahia Grass (Alone)	40												
Bahia Grass (Mix)	30												
Bermuda Grass (hulled) (Alone)	8-12												
Bermuda Grass (hulled) (Mix)	4-6												
Fescue, Tall (KY31) Alone	40												
Fescue, Tall (KY31) mix	20												
Sericea Lespedeza (Scarified) Alone or Mix (inoculate with EL Innoculant	40												
Ladino Clover (mix only) Innoculate with AB Innoculant	2												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												
Crownvetch (Mix) (Inoculate with Type M Innoculant	8-10												

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community infrastructure consultants

5 LEGACY PARK ROAD
SUITE A
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(t)864-990-0180

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WKD PROJECT NO. - 20231100.00.GV

Seal

SOUTH CAROLINA — W.K. DICKSON & CO., LLC No. C00177 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — REGISTERED PROFESSIONAL ENGINEER — No. 24571 — JAMES HOYLE HAMILTON

05/02/2025

DP3 ARCHITECTS

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

Project

historic Little Mountain

NEWBERRY COUNTY REUNION PARK IMPROVEMENTS

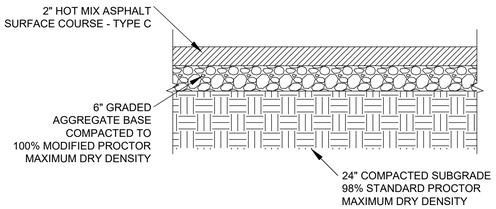
Project Number	23236
Drawn By	EAH
Checked By	JHE
Date	30 APR 2025

Revisions

Drawing

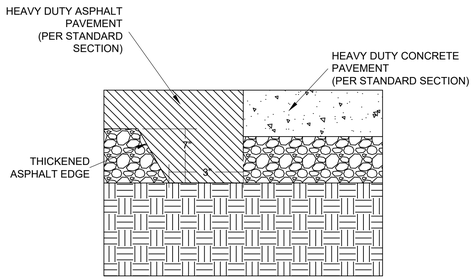
ESC DETAILS

C-501

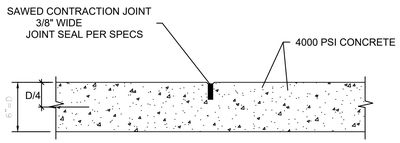


NOTES:
1. ASPHALT THICKNESS NOTED SHALL BE THE FINAL COMPACTED MATERIAL THICKNESS.
2. PAVEMENT DESIGN PROVIDED FOR BID PURPOSES ONLY. ACTUAL PAVEMENT DESIGN TO BE PROVIDED BY GEOTECHNICAL INVESTIGATION AND RECOMMENDATION BY OTHERS.
3. CONCRETE AND BASE COURSE PREPARED AND INSTALLED ACCORDING TO SCDOT STANDARD SPECIFICATIONS, LATEST EDITION.

LIGHT DUTY ASPHALT PAVEMENT SECTION (ADD ALTERNATE)
NOT TO SCALE



THICKENED EDGE ASPHALT PAVEMENT SECTION
NOT TO SCALE



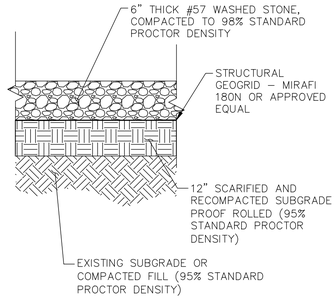
SEE PLAN VIEW FOR CONTRACTION JOINT LOCATION - IF NOT SHOWN, PROVIDE CONTRACTION JOINTS AT 12' ON CENTER MAX.

CONTRACTOR TO SAW CONTRACTION JOINTS 4 TO 8 HOURS AFTER CONCRETE PLACEMENT

CONCRETE CONTRACTION JOINT
6" PAVEMENT (S.J.) TRANSVERSE OR LONGITUDINAL

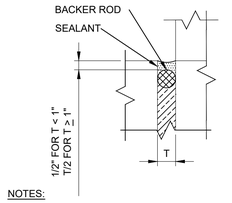
STOP BAR EDGE CLOSEST TO ROADWAY TO BE 6' FROM EDGE OF PAVEMENT

STOP BAR
NOT TO SCALE



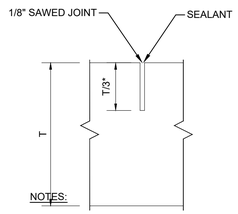
NOTES:
1. SUBGRADE AND SUBBASE SHALL BE CONSTRUCTED IN ACORDANCE WITH GEOTECHNICAL REPORT.

GRAVEL SURFACING
N.T.S.



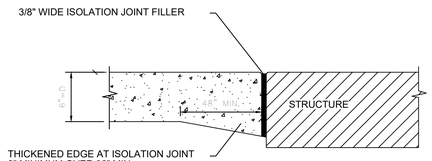
NOTES:
1. USE T=1" FOR NEW CONCRETE ADJACENT TO BUILDINGS OR EXISTING SAW-CUT PAVEMENT/CONCRETE.
2. PROVIDE 1/2" EXPANSION JOINT WHERE CONCRETE PAVING AND SIDEWALK ABUTS ADJACENT STRUCTURES AND DISSIMILAR SURFACES.

EXPANSION JOINT
NOT TO SCALE



NOTES:
1. JOINTS SHALL BE LOCATED AS SHOWN ON THE PLANS OR 15'-0" OC EW (MAX).
2. JOINT DEPTH = 2 1/2" (MAX)

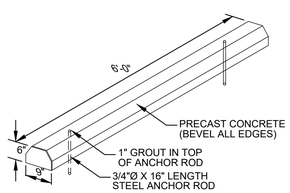
CONTROL JOINT
NOT TO SCALE



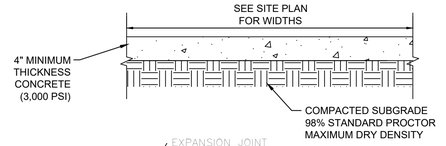
PROVIDE ISOLATION JOINTS WHEN CONCRETE ABUTS ANY STRUCTURE, ALTERNATE PAVEMENT AREA, OR ALTERNATIVE OBJECT

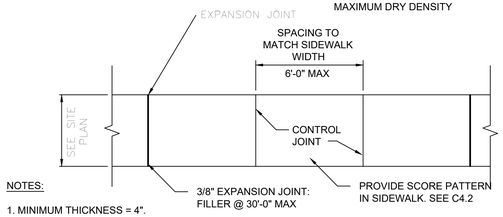
PROVIDE THICKENED EDGE AS SHOWN ABOVE WHEN CONCRETE ABUTS EXISTING PAVEMENTS AND AT INTERSECTIONS AS NOTED. THICKENED EDGES ARE NOT REQUIRED AT DRAINAGE INLETS OR ADJACENT TO CURBING.

CONCRETE PAVEMENT ISOLATION JOINT (E.J.)



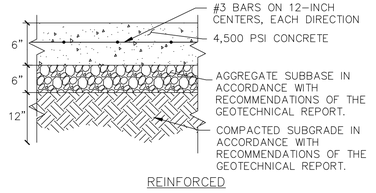
PRECAST CONCRETE WHEELSTOP
NOT TO SCALE





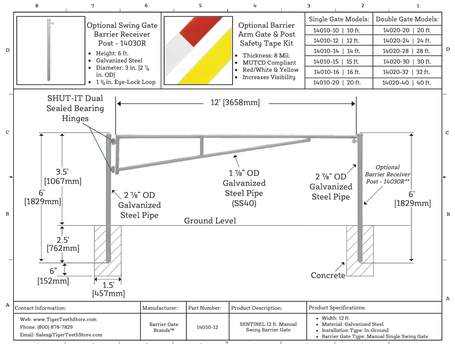
NOTES:
1. MINIMUM THICKNESS = 4".
2. PROVIDE EXPANSION JOINTS @ INTERSECTIONS OF WALKS AND WHERE WALK ABUTTS OTHER STRUCTURES.
3. 3000 PSI MINIMUM CONCRETE FOR 28 DAY STRENGTH.
4. SIDEWALKS TO HAVE BROOM FINISH.
5. ALL JOINTS AND EDGES TO BE TOOLED.
6. CONTROL JOINTS TO BE TOOLED TO A MINIMUM DEPTH OF 1".
7. SMOOTH TROWEL 3" "PICTURE FRAME" EDGE, TYP.

CONCRETE SIDEWALK
NOT TO SCALE



REINFORCED

MEDIUM DUTY CONCRETE PAVING
N.T.S.



SWING GATE (OR APPROVED EQUIVALENT) DETAIL
N.T.S.

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(t)864-990-0180

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WKD PROJECT NO. - 20231100.00.GV

Seal

SOUTH CAROLINA
W.K. DICKSON & CO., LLC
No. C00177
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24577
JEFFREY HOYLE EDWARDS
05/02/2025

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ARCHITECTS

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15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
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Project

historic
Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

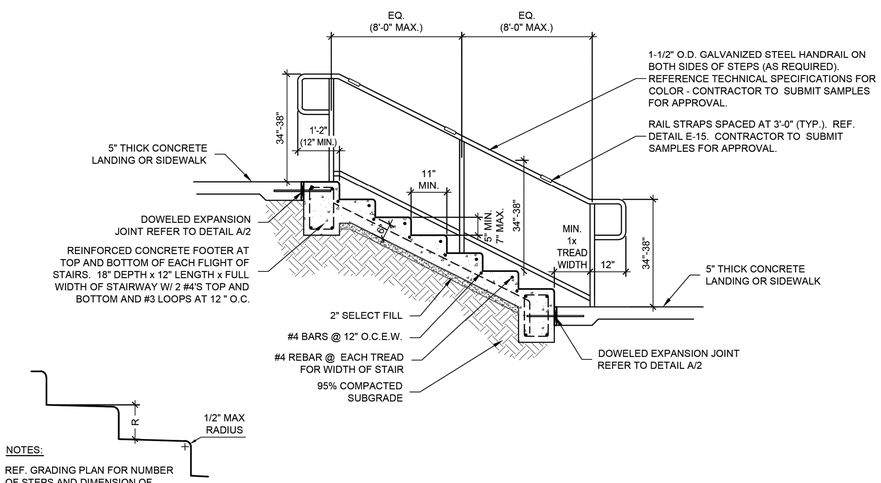
Project Number	23236
Drawn By	EAH
Checked By	JHE
Date	30 APR 2025

Revisions

Drawing

SITE DETAILS

C-502



NOTES:

REF. GRADING PLAN FOR NUMBER OF STEPS AND DIMENSION OF TREADS AND RISER HEIGHT.

R = RISER HT. PLUS TREAD SLOPE

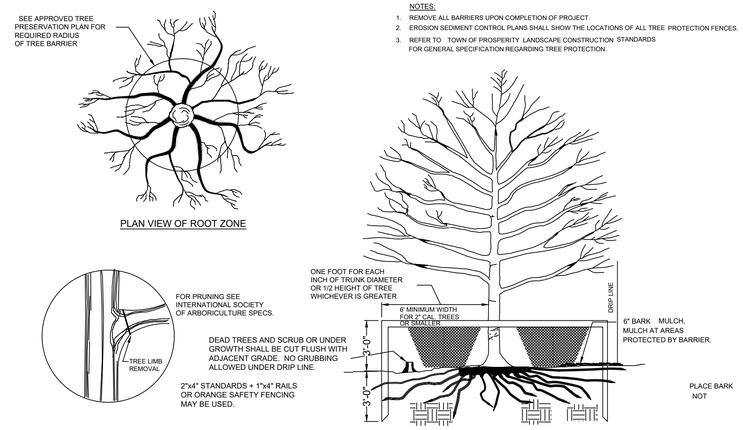
GENERAL NOTES:

1. REFER TO PLAN FOR STEP TREAD AND RISER QUANTITY AND DIMENSIONS.
2. SLOPE TREAD @ 1.0% MAX FOR DRAINAGE.
3. UNLESS NOTED OTHERWISE, STAIR FINISH SHALL BE A NON-SLIP HORIZONTAL BROOM FINISH.
4. ALL DIMENSIONS AND MATERIALS FOR STAIRS SHALL COMPLY WITH SECTIONS 504 AND 505 OF THE TEXAS ACCESSIBILITY STANDARDS (MARCH 2012).
5. POSTS SHALL BE SURFACE MOUNTED, CORED, SLEEVED OR SET IN POST FOOTERS - REFERENCE TECHNICAL SPECIFICATIONS AND/OR PROJECT SPECIFIC DETAIL FOR MOUNTING.

A/13 TYPICAL STAIR DETAILS

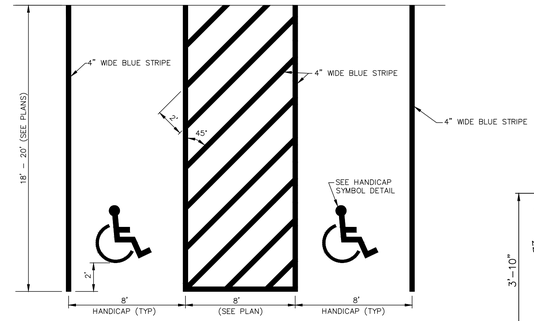
SCALE: 1/2"= 1'-0"

COORDINATE WITH ARCHITECT FOR FINAL DESIGN



TREE PROTECTION

NOT TO SCALE

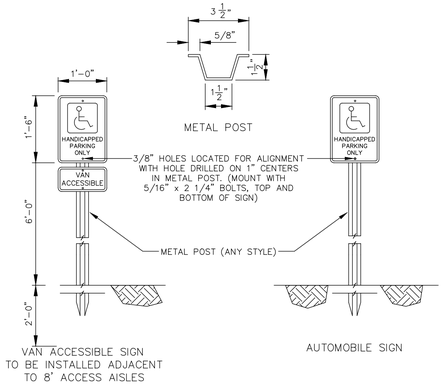


NOTES:

1. ALL STRIPING SHALL BE PERFORMED BY CONTRACTOR USING TRAFFIC MARKING PAINT. PAINT SHALL BE SHERWIN-WILLIAMS "PRO-MAR" TRAFFIC MARKING PAINT OR GLIDDEN TRAFFIC MARKING PAINT AND SHALL BE APPLIED IN TWO COATS AND IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL STRIPING ASSOCIATED WITH HANDICAP PARKING SHALL BE 4" WIDE (BLUE).
2. SEE PLANS FOR SPECIFIC LOCATION AND DIMENSIONS.

HANDICAP ACCESSIBLE PARKING STALLS

NOT TO SCALE

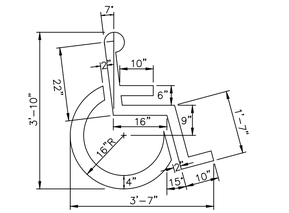


NOTES:

1. METAL POST TO BE GALVANIZED. ALL BOLTS, NUTS, WASHERS AND SCREWS MUST BE RUSTPROOF. (POST MAY BE ANY STYLE.)
2. CONCRETE FOR FOOTING SHALL BE OF PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I.
3. SIGNS WILL BE FABRICATED BY USING A REFLECTING COATING IN THE SYMBOL, MESSAGE AND BORDERS APPLIED TO A SHEET ALUMINUM BACKING (0.80) IN THICKNESS.
4. MESSAGE LETTERING SHALL BE UPPER CASE (WHITE, SERIES B) 2" HIGH IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
5. THE SYMBOL IS COMPOSED OF TWO ELEMENTS; A WHITE WHEELCHAIR FIGURE (WHICH SHOULD ALWAYS FACE RIGHT) ON A SQUARE BACK-GROUND, INTERNATIONAL BLUE IN COLOR (FED. STD. 595A, COLOR #15180).
6. SIGN POST SHALL BE MINIMUM OF 2'-0" CLEAR FROM BACK OF SIDEWALK. SEE PLANS FOR LOCATION OF SIGNS.

HANDICAP SIGN

NOT TO SCALE

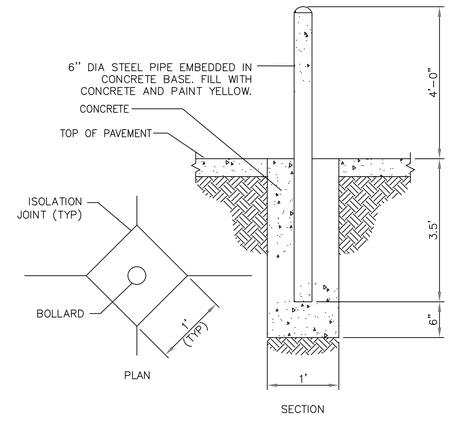


NOTE:

1. SYMBOL SHALL BE BLUE.
2. PLACEMENT OF SYMBOL SHALL BE CENTERED IN PARKING SPACE APPROXIMATELY 3'-6" FROM THE ENTRANCE OF THE PARKING SPACE.

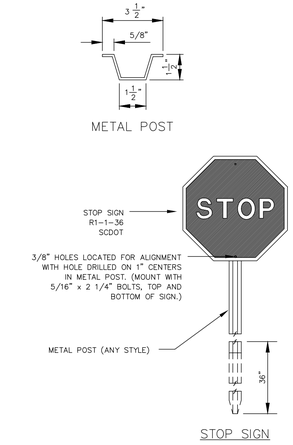
ADA PARKING SPACE SYMBOL

NOT TO SCALE



BOLLARD

N.T.S.



NOTES:

STOP SIGN

NOT TO SCALE

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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION W.K. DICKSON & CO., LLC No. C00177

SOUTH CAROLINA PROFESSIONAL ENGINEER JAMES HENRY HOYLE No. 28571

05/02/2025

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Project

historic Little Mountain

NEWBERRY COUNTY REUNION PARK IMPROVEMENTS

Project Number	23236
Drawn By	EAH
Checked By	JHE
Date	30 APR 2025

Revisions

Drawing

SITE DETAILS (2 OF 2)

C-503

Custom Pump Systems Made Easy

Fiberglass Basins

With a wide variety of basin sizes available, Liberty Pumps can provide any configuration with options like anti-flotation collars, guide rails, and an assortment of covers. You tell us the size you need.

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Select any of Liberty Pumps sewage, effluent or grinder pumps to meet your pumping application. Our technical sales department is available to help you select the correct pump for your application.

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Simplex or duplex, indoor or outdoor, we've got any control panel option you can possibly dream up. Need a cycle counter or elapsed time meter? How about a timed dosing application? – no problem. All UL® listed control panels and CSA® certified alarms, Liberty Pumps offers control panels with tons of options. When you specify a Liberty Pumps EPS, we make sure all components are properly matched to the job.

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Need it FAST?

Standard Off-the-Shelf Systems Available

Pre-designed and ready to ship in 24 hours

Available in multiple heights with diameters of 24", 30", and 36"
2400-Series, 3000-Series, and D3600-Series

Grinders

Simplex 2448LSG & 3048LSG

Simplex 2484LSG & 3084LSG

Duplex D3648LSG

Duplex D3672LSG

Solids Handling

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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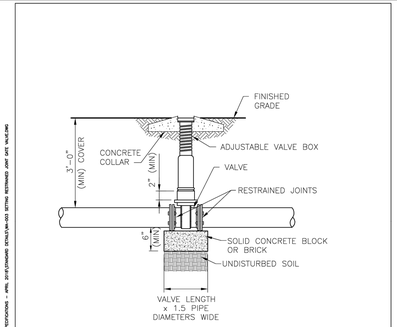
D3672LSG/LSGX-Series Electrical Data

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.

7000 Apple Tree Avenue Bergen NY 14416 ■ ***Phone** 1-800-543-2550* ■ ***Fax** 1-585-494-1839* ■ ***Email** Liberty@LibertyPumps.com* ■ ***Web** www.LibertyPumps.com*

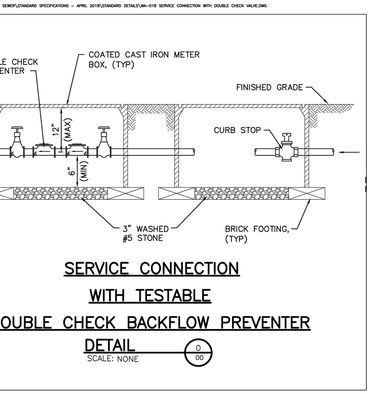
D3672_P4 R07/2024



GATE VALVE SETTING DETAIL
SCALE: NONE (0/00)

N:\PROJECTS_CLIENT FOLDER MISC PROJECTS\NEWBERRY\NEWBERRY CO. WATER & SEWER\STANDARD SPECIFICATIONS – APRIL 2018\STANDARD DETAILS\WA-005 GATE VALVE SETTING.DWG 10/12/2015 12:57:42 PM

SUMMIT ENGINEERING GROUP INC.	SUMMIT ENGINEERING GROUP INC. 9601 WARREN H. ABERNATHY SPARTANBURG, S.C. 29301–5226 (864) 949–1111	APPROVED BY: JML DATE: 4/23/15 REVISION DATE: –	Newberry County Water & Sewer Authority	File Name: WA–003



SERVICE CONNECTION WITH TESTABLE DOUBLE CHECK BACKFLOW PREVENTER DETAIL
SCALE: NONE (0/00)

N:\PROJECTS_CLIENT FOLDER MISC PROJECTS\NEWBERRY\NEWBERRY CO. WATER & SEWER\STANDARD SPECIFICATIONS – APRIL 2018\STANDARD DETAILS\WA-018 SERVICE CONNECTION WITH DOUBLE CHECK VALVE.DWG 1/11/2018 8:53:44 AM

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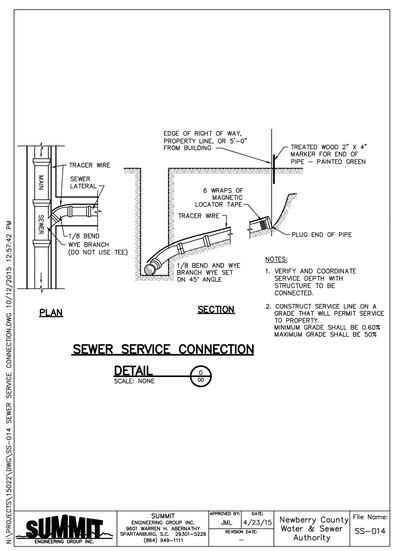

SEWER SERVICE CONNECTION DETAIL
SCALE: NONE (0/00)

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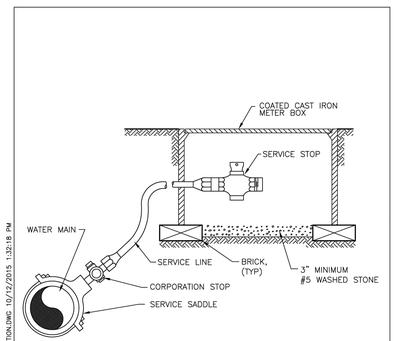
SUMMIT ENGINEERING GROUP INC.	SUMMIT ENGINEERING GROUP INC. 9601 WARREN H. ABERNATHY SPARTANBURG, S.C. 29301–5226 (864) 949–1111	APPROVED BY: JML DATE: 4/23/15 REVISION DATE: –	Newberry County Water & Sewer Authority	File Name: SS–014



WATER SERVICE CONNECTION DETAIL
SCALE: NONE (0/00)

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SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 23577 ROBERT HOYLE EDWARDS
05/02/2025

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NEWBERRY COUNTY REUNION PARK IMPROVEMENTS

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Drawn By	EAH
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Date	30 APR 2025

Revisions

Drawing

UTILITY DETAILS

C-504

STANDARD DRAWING 719-110-01 — DROP INLET (24"X36") DETAILS

REFERENCES
NATIONAL DOCUMENTS: ASTM C55, ASTM A706, AASHTO M55, AASHTO M105, AASHTO M306, AASHTO M111
SCDOT DOCUMENTS: QUALIFIED PRODUCT LIST 14, QUALIFIED PRODUCT LIST 13
RELATED DRAWINGS & KEYWORDS: 719-110-01 TO 719-11-02, 719-105-01, 719-550-00, 719-420-00, 719-425-00, 719-305-00, 719-310-00

PRECONSTRUCTION SUPPORT ENGINEER
SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 8858 EDWIN SYLVESTER EARGLE, II
SIGNATURE — MARCH 3, 2008 — DATE

#	DATE	CHK	DESCRIPTION
6			
5			
4			
3			
2			
1			
0	3/2008	DSO	GENERAL REVISIONS

SCDOT — SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE, 955 PARK STREET, ROOM 405, COLUMBIA, SC 29201
STANDARD DRAWING: DROP INLET (24"X36") DETAILS
719-110-01 — EFFECTIVE LETTING DATE MAY 2008 — THIS DRAWING IS NOT TO SCALE

CONTRACTOR MAY USE PRECAST OR BUILT IN PLACE CONSTRUCTION AS NOTED OR COMBINE OPTIONS AS DESIRED. SEE QUALIFIED PRODUCT LIST 14 FOR MANUFACTURERS OF PRECAST ITEMS.

24"X36" DROP INLET
- BUILT IN PLACE: ① 24"X36" DROP INLET BOTTOM SLAB (PC OR CIP 40"X52"X6") AND ③ BRICK WALLS (8") AND ④ 24"X36" DROP INLET FRAME AND GRATE
- PRECAST: ⑥ PRECAST BOX CONFORMING TO STD. DRAWING 719-305-00 OR 719-310-00 AND (3'X2'XH) ④ 24"X36" DROP INLET FRAME AND GRATE

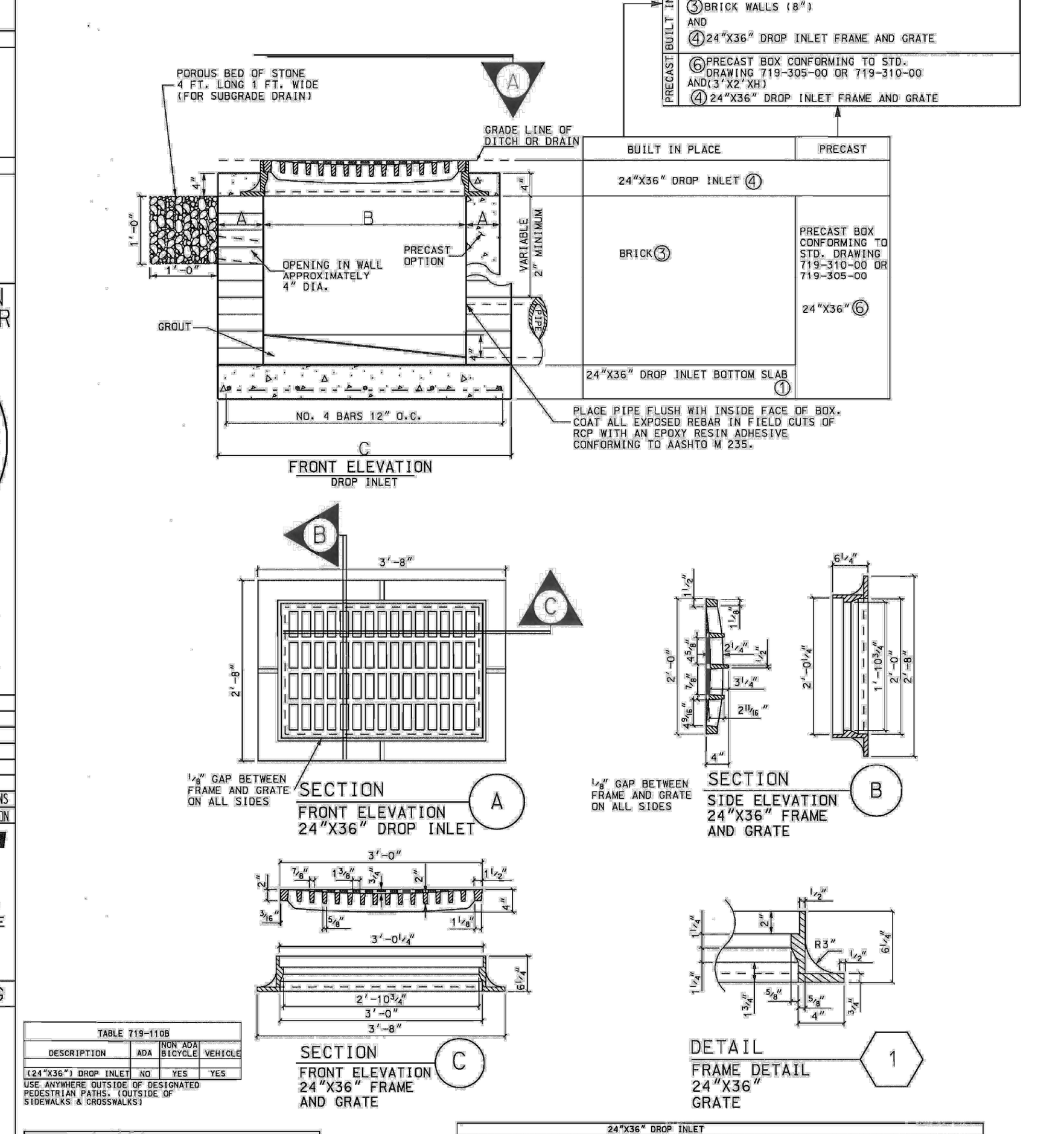


TABLE 719-110B

DESCRIPTION	ADA	NON ADA BICYCLE	VEHICLE
(24"X36") DROP INLET	NO	YES	YES

USE ANYWHERE OUTSIDE OF DESIGNATED PEDESTRIAN PATHS. (OUTSIDE OF SIDEWALKS & CROSSWALKS)

TABLE 719-110A STANDARD PC ITEMS FOR DROP INLET
(24"X36") DROP INLET BOTTOM SLAB (PC OR CIP 40"X52"X6")
SEE ALSO STD. DRAWING 719-310-00 OR 719-305-00

24"X36" DROP INLET

DIMENSION	BUILT IN PLACE OPTION	PRECAST
A	8"	6"
B	36"	SEE STD. DRAWING 719-305-00 AND 719-310-00 (2'X3'XH) PRECAST BOX
C	4'-4"	SEE STD. DRAWING 719-305-00 AND 719-310-00 (2'X3'XH) PRECAST BOX

NOTES:

1. SEE 719-105-01 FOR DROP INLET (24X24). FOR BUILT IN PLACE CONSTRUCTION OF THE CATCH BASIN WALLS, EITHER BRICK MASONRY (WALLS ONLY) OR CIP CLASS 3000 CONCRETE MAY BE USED. FOR PRECAST CONSTRUCTION, A MINIMUM OF CLASS 4000P CONCRETE SHALL BE USED.
2. CONCRETE WALLS ARE TO BE 6" THICK WITH A MINIMUM REINFORCING STEEL AREA 0.20 SQUARE INCHES PER FOOT UNLESS NOTED. FOR BRICK, THE WALLS ARE TO BE 8" THICK. CONCRETE BRICK AND SIMILAR SOLID UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 55, GRADE S-11. THE INTERIOR DIMENSIONS ARE TO REMAIN AS SHOWN FOR EITHER TYPE OF CONSTRUCTION.
3. THE BOTTOM SLAB OF THE BOX SHALL BE A MINIMUM OF 6" THICK REINFORCED CONCRETE (CLASS 3000 OR 4000P) WITH A REINFORCING STEEL AREA OF 0.20 SQUARE INCHES PER FOOT. WIRE MESH BE USED IN LIEU OF STEEL BARS PROVIDED A MINIMUM OF 0.20 SQUARE INCHES PER FOOT IS MET.
4. MORTAR SHALL BE TYPE S OR M.
5. REINFORCING STEEL SHALL BE ASTM A-706, LOW-ALLOY STEEL DEFORMED BARS FOR CONCRETE REINFORCEMENT, GRADE 60. WIRE MESH SHALL CONFORM TO AASHTO M 55 AND M.
6. SEE STANDARD DRAWING 719-550-00 FOR STEPS, WHICH ARE REQUIRED WHEN STRUCTURE DEPTH EXCEEDS 4'-6".
7. SEE STANDARD DRAWINGS 719-420-00 AND 719-425-00 FOR DEPTHS GREATER THAN 12'. PRECAST CONCRETE CIRCULAR DRAINAGE STRUCTURES ARE REQUIRED WHEN THE DEPTH FROM THE TOP OF TH E DRAINAGE BOX BOTTOM SLAB TO THE TOP OF THE GROUND EXCEEDS 12'-0".
8. LOCATION AND SIZE OF PIPES ARE SITE SPECIFIC. (SEE DRAINAGE PLANS). THE BOTTOM OF THE CATCH BASIN IS TO BE GROUTED TO THE LOWEST FLOW LINE ELEVATION OF ALL PIPES. BOTTOM SLAB IS CAST IN PLACE WITH PIPES INSTALLED. BOTTOM SLAB THICKNESS MUST BE ACHIEVED BEYOND PIPE OUTSIDE DIAMETER.
9. THE FLOOR OF THE BASIN MUST SLOPE IN THE DIRECTION OF THE OUTLET PIPE AS SHOWN AND THE INSIDE OF OUTLET PIPE SHALL BE FLUSH WITH FLOOR OF BASIN.
10. SEE STANDARD DRAWING 719-305-00 OR 719-310-00 FOR MAXIMUM PIPE DIAMETERS. THE PIPE SIZES SHOWN ARE MAXIMUM FOR BRICK AND PRECAST BOXES WHEN PIPE ENTERS PERPENDICULAR AND AT THE CENTER OF THE BOX WALL. CONTRACTOR SHOULD CONFIRM THAT PIPE USED FITS APPROPRIATELY INTO BOX.

FRAME AND GRATE NOTES:

11. ALL CASTINGS SHALL CONFORM TO AASHTO M 105, CLASS 35B AND THE SPECIFICATIONS OF AASHTO M 306
12. (a) STEEL GRATES AND FRAME MAY BE USED IN LIEU OF CAST IRON AS LONG AS THE LOADING (NOTE 12d) AND HYDRAULIC REQUIREMENTS ARE MET, AND ARE ON THE DEPARTMENT'S LIST OF APPROVED SUPPLIERS. (QUALIFIED PRODUCT LIST 45)
(b) STEEL GRATES SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 111.
(C) STEEL GRATES AND FRAMES SHALL BE DIMENSIONED TO BE INTERCHANGEABLE WITH EACH PIECE OF THE CAST IRON GRATE AND FRAME SHOWN. STEEL GRATES MUST HAVE POSITIVE MEANS TO BE RETAINED IN THE FRAME.
(d) STRENGTH REQUIREMENTS OF STEEL GRATES AND FRAMES MUST MEET AASHTO M 306
(e) MANUFACTURERS DESIRING TO BE PLACED ON THE DEPARTMENT'S QUALIFIED PRODUCT LIST SHOULD CONTACT THE MATERIALS AND RESEARCH ENGINEER FOR PROCEDURES.
13. THE LONGEST DIMENSIONS OF THE OPENING IN THE IRON GRATE SHOULD BE ORIENTED IN THE DIRECTION OF FLOW, IF PRACTICABLE. THIS GRATE IS NOT SUITABLE FOR PEDESTRIAN TRAFFIC BECAUSE GRATE OPENINGS EXCEED ½".
14. AS SHOWN BY THIS DRAWING, THE FRAME IS SET LEVEL, BUT THE RESIDENT CONSTRUCTION ENGINEER MAY SET SAME ON SLOPE AS REQUIRED BY LOCAL DRAINAGE CONDITIONS.
15. AFTER THE FRAME IS SET IN ITS FINAL POSITION, IT IS TO BE ENCASED WITH CONCRETE AS SHOWN BY DRAWING.
16. ALL MANUFACTURING PROCESSES FOR THE FRAME AND GRATE MUST OCCUR IN THE UNITED STATES.

PRECAST NOTES:

17. THE USE OF PRECAST UNITS WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF OBTAINING SATISFACTORY INSTALLATIONS. SEE STANDARD DRAWINGS FOR PRECAST CONCRETE DRAINAGE BOX OR STRUCTURE FOR ADDITIONAL DETAILS AND SPECIFICATIONS.
18. LIFT HOLES AND/OR DEVICES MAY BE PLACED AS NECESSARY. ALL LIFT HOLES SHALL BE GROUTED SHUT PRIOR TO COMPLETION OF THE INSTALLATION. ALL LIFTING METHODS MUST MEET OSHA REGULATIONS.
19. THE CONTRACTOR SHALL USE A SINGLE SOURCE MANUFACTURER CHOSEN FROM THE LIST ON QUALIFIED PRODUCT LIST 14 FOR PRECAST ITEMS ON THIS DRAWING.
20. FOLLOW QUALIFIED PRODUCT POLICY 14 IN ORDER TO BE LISTED ON QUALIFIED PRODUCT LIST 14.
21. CONTRACTOR MAY SUBMIT DESIGN DRAWINGS AND CALCULATIONS FOR MODIFICATIONS TO THIS ITEM ON A PROJECT BY PROJECT BASIS. MODIFICATIONS TO THESE ITEMS WILL NOT BE LISTED ON ANY QUALIFIED PRODUCT LIST. SUBMIT ALL PROPOSALS FOR PROJECT SPECIFIC MODIFICATIONS TO THE RESIDENT ENGINEER FOR REVIEW BY THE ENGINEER OF RECORD.
22. JOINTS BETWEEN INSTALLED PIECES AND PRECAST ITEMS TO BE PLACED SHALL BE SEALED WITH A ½" GROUT LIFT OR AN APPROPRIATE PLASTIC PREFORMED GASKET (FROM QUALIFIED PRODUCT LIST 13.)

PRECAST INSTALLATION NOTES:

23. BED SHALL BE PREPARED AND COMPACTED FOR PRECAST DRAINAGE STRUCTURE AS REQUIRED BY SCDOT STANDARD SPECIFICATIONS FOR PRECAST ITEMS. ELEVATION OF BEDDING MATERIAL SHALL BE APPROPRIATE TO ACCOMMODATE ELEVATION OF ALL PIPES AND REQUIRED BOX TOP ELEVATION.
24. PLACE AND LEVEL PRECAST BOX OR SLAB.
25. PIPES SHALL BE INSTALLED AND GROUTED IN PLACE.
26. PIPES AND BOX SHALL BE BACKFILLED AND COMPACTED AS REQUIRED BY SCDOT STANDARD SPECIFICATIONS.
27. ANY LOCATION WHERE THE ABOVE REQUIREMENTS CANNOT BE MET SHALL BE COMPLETED USING CAST IN PLACE MATERIALS MEETING THE REQUIREMENTS OF THIS STANDARD DRAWING. ANY ADDITIONAL MATERIALS OR COSTS ASSOCIATED WITH THE USE OF PRECAST SHALL BE PAID FOR BY THE CONTRACTOR AND MAY NOT BE CHARGED TO SCDOT.
28. THE CONTRACT UNIT PRICE FOR DROP INLETS SHALL INCLUDE THE COST OF FURNISHING ALL MATERIALS, (BUILT IN PLACE OR PRECAST), AND WORK INCIDENTAL TO THE CONSTRUCTION OF THE STRUCTURE COMPLETE IN PLACE AS SHOWN, INCLUDING THE CURB AND GUTTER, IN ACCORDANCE WITH THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).
29. PRECAST CONCRETE CIRCULAR STRUCTURES (AS SHOWN ON 719-420-00) ARE REQUIRED FOR THE FOLLOWING APPLICATIONS UNLESS PROHIBITED BY THE PLANS OR SPECIAL PROVISIONS.
(a) ON DRAINAGE STRUCTURES WITHA A DEPTH EQUAL TO OR GREATER THAN 12 FEET.
(b) ON DRAINAGE STRUCTURES WHERE THE FLOW LINE ELEVATION OF THE INLET PIPE IS EQUAL TO OR HIGHER THAN THE INSIDE TOP (SOFFIT) OF THE OUTLET PIPE.
(c) AS REQUIRED BY THE PROJECT PLANS.
30. THE PAY ITEM SHALL BE:
DROP INLET (24"X36")________________EA

USE SHEETS 719-110-01 THROUGH 719-110-02 FOR THIS ITEM.

STANDARD DRAWING 714-005-00 — PIPE CULVERTS (PIPE TRENCH TYPICAL PREPARATIONS)

REFERENCES
NATIONAL DOCUMENTS: OSHA
SCDOT DOCUMENTS: SC-M-714, PCDM-05
RELATED DRAWINGS & KEYWORDS: 714-020-00, 714-105-00, 714-505-00

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 19782 GEORGE ROBERT BEDENBAUGH, JR.
SIGNATURE — 11/09/20 — DATE

#	DATE	CHK	DESCRIPTION
6	—	—	—
5	—	—	—
4	3/2020	DSO	REQ'D TRENCH WIDTH
3	3/2010	JBH	DET3 OD
2	3/2009	HJC	DET4 COMPAC. NOTES
1	7/2008	HJC	GENERAL REVISIONS
0	3/2008	DSO	NEW STANDARD

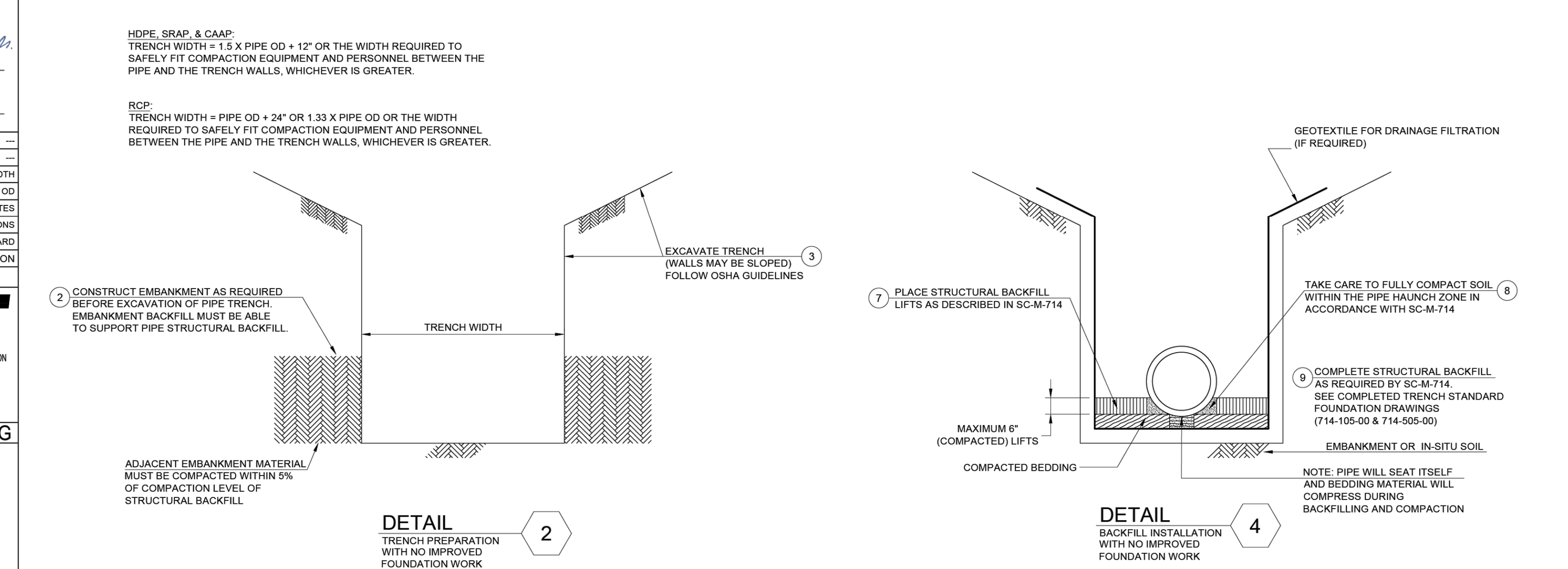
SCDOT — SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE, 955 PARK STREET, ROOM 405, COLUMBIA, SC 29201
STANDARD DRAWING: PIPE CULVERTS (PIPE TRENCH TYPICAL PREPARATIONS)
714-005-00 — EFFECTIVE LETTING DATE JANUARY 2021 — THIS DRAWING IS NOT TO SCALE.

① ALL PIPE REQUIRE GOOD FOUNDATION MATERIAL. WHEN SITE SOILS REQUIRE THE INSTALLATION OF AN IMPROVED PIPE FOUNDATION, FOLLOW SCDOT STANDARD DRAWING 714-020-00.

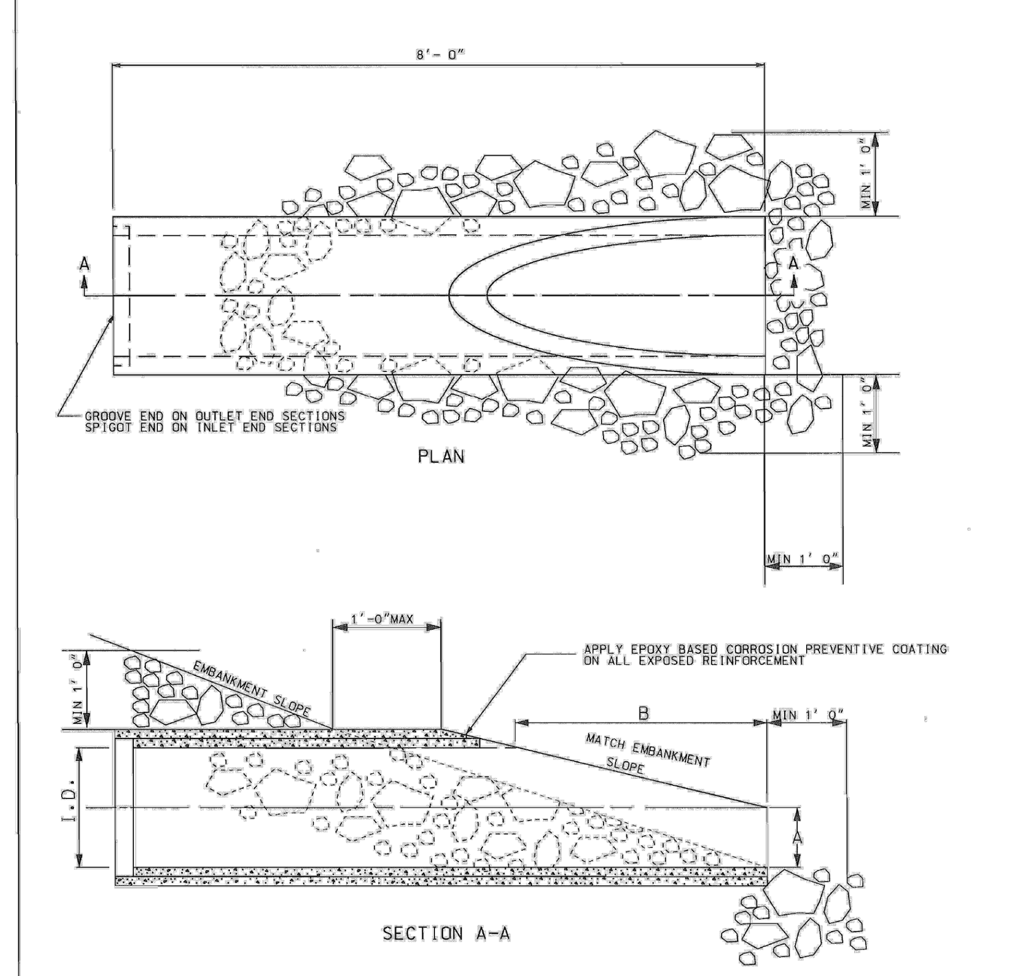
DETAIL 1 — FOUNDATION REQUIREMENTS

HDPE, SRAP, & CAAP: TRENCH WIDTH = 1.5 X PIPE OD + 12" OR THE WIDTH REQUIRED TO SAFELY FIT COMPACTION EQUIPMENT AND PERSONNEL BETWEEN THE PIPE AND THE TRENCH WALLS, WHICHEVER IS GREATER.

RCP: TRENCH WIDTH = PIPE OD + 24" OR 1.33 X PIPE OD OR THE WIDTH REQUIRED TO SAFELY FIT COMPACTION EQUIPMENT AND PERSONNEL BETWEEN THE PIPE AND THE TRENCH WALLS, WHICHEVER IS GREATER.



STANDARD DRAWING 719-610-00 — END TREATMENT (RCP BEVELED END)



NOTES:

1. BEVELED END SECTIONS WILL BE MANUFACTURED IN ACCORDANCE WITH SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATIONS SC-M-714. THESE SPECIAL PIPE SECTIONS WILL BE MADE DURING THE MANUFACTURING OF OTHER STATE APPROVED REINFORCED CONCRETE PIPE.
2. THE PIPE BEVEL MAY BE SAWED IN THE FIELD IN LIEU OF BEING MANUFACTURED. IN FIELD SAWING, THE PIPE OPENING MAY COME TO A POINT AT THE PIPE CREST RATHER THAN A RADIUS IF APPROVED BY THE PIPE MANUFACTURER. ALTERNATE PIPE FOR SIDELINES MUST HAVE EACH END BEVELED TO MATCH THE ADJACENT SLOPES.
3. PLACE RIPRAP AS DIRECTED BY THE RCE.
4. PAYMENT FOR BEVELED END SECTIONS WILL BE AS DIRECTED IN SC-M-714.
5. THE PAY ITEM SHALL BE:
7199100 BEVELING OF PIPE ENDS________________EA.
8041XXX RIPRAP(CLASS_)________________TON
8048XXX GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP(CLASS 2) TYPE____S.Y.

CHART 719-610B — RIPRAP PLACEMENT

CLASS	D_{50} (FT)	MINIMUM THICKNESS (FT)
B	0.75	1.50
C	1.30	2.60

TABLE 719-610A

I.D.(IN)	A(IN)	EMBANKMENT SLOPE 6:1	5:1	4:1	3:1	2:1
		6	5	4	3	2
		B (BEVELED LENGTH) (IN)				
15	6	54	45	36	27	18
18	9	54	45	36	27	18
24	10	NA	70	56	42	28
30	12	NA	NA	72	54	36
36	15	NA	NA	NA	63	42
42	20	NA	NA	NA	66	44
48	24	NA	NA	NA	72	48
54	24	NA	NA	NA	NA	60
60	24	NA	NA	NA	NA	72

THIS DRAWING IS NOT TO SCALE

REFERENCES
SCDOT DOCUMENTS: SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATION SC-M-714

PRECONSTRUCTION SUPPORT ENGINEER
SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 21242 JAMES W. KENDALL, JR.
SIGNATURE — AUGUST 23, 2012 — DATE

#	DATE	CHK	DESCRIPTION
5			
4			
3	8/2012	KNB	PAY ITEMS,RIPRAP,NOTES, SECTION A-A EPOXY
2	1/2010	DSO	GENERAL REVISIONS
1	6/2009	SDM	CHART 719-615D
0	3/2008	DSO	GENERAL REVISIONS

SCDOT — SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE, 955 PARK STREET, ROOM 405, COLUMBIA, SC 29201
STANDARD DRAWING: END TREATMENT (RCP BEVELED END)
719-610-00 — EFFECTIVE LETTING DATE JAN. 2013

STANDARD DRAWING 719-009-01 — CATCH BASIN TYPE 9 & 9MH DETAILS

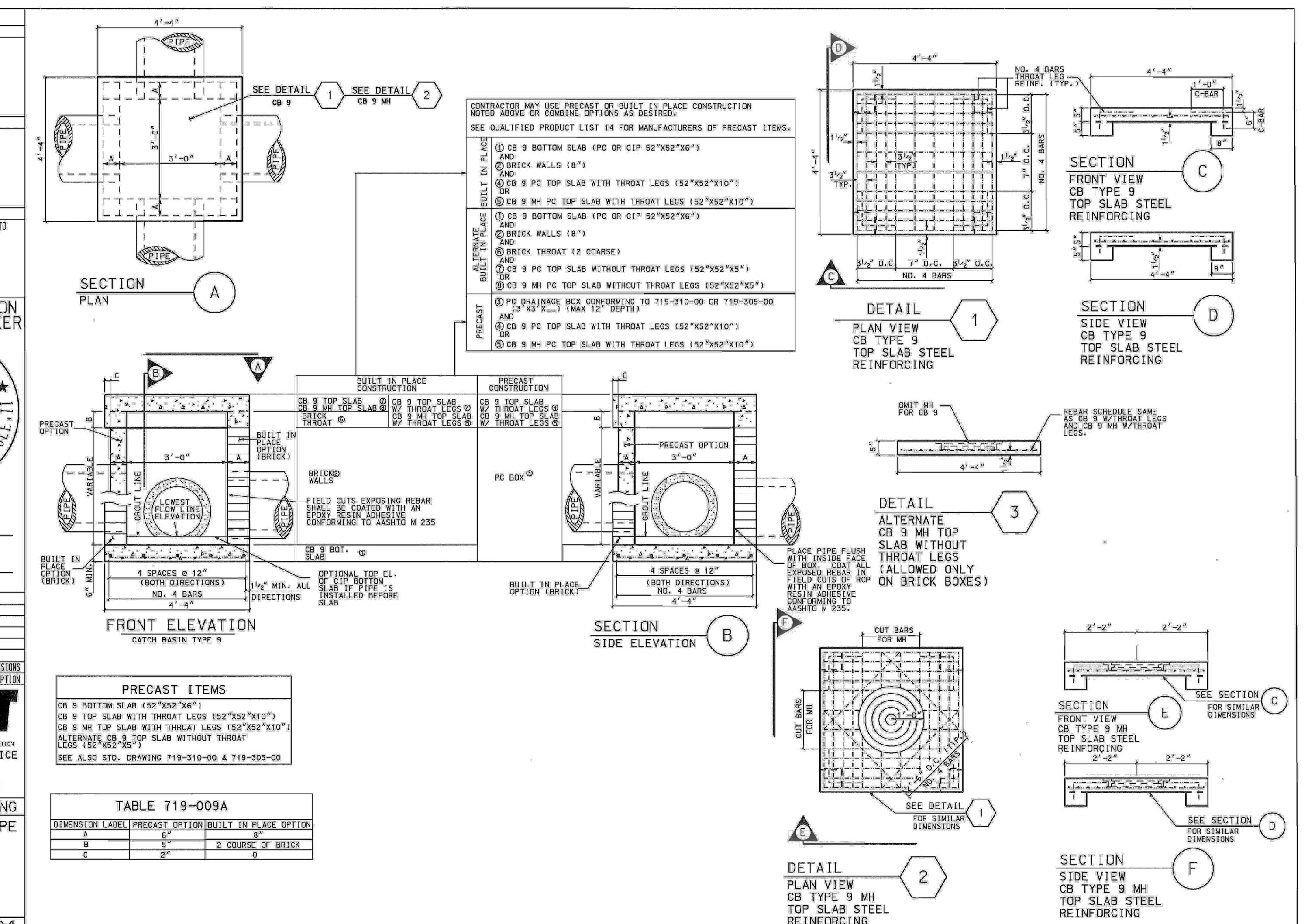
REFERENCES
NATIONAL DOCUMENTS: AASHTO M235
SCDOT DOCUMENTS: QUALIFIED PRODUCT LIST 14
RELATED DRAWINGS & KEYWORDS: 719-310-00, 719-305-00, 719-009-01 TO 719-009-05

PRECONSTRUCTION SUPPORT ENGINEER
SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 8858 EDWIN SYLVESTER EARGLE, II
SIGNATURE — MARCH 3, 2008 — DATE

#	DATE	CHK	DESCRIPTION
6			
5			
4			
3			
2			
1			
0	3/2008	DSO	GENERAL REVISIONS

SCDOT — SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE, 955 PARK STREET, ROOM 405, COLUMBIA, SC 29201
STANDARD DRAWING: CATCH BASIN TYPE 9 & 9MH DETAILS
719-009-01 — EFFECTIVE LETTING DATE MAY, 2008 — THIS DRAWING IS NOT TO SCALE
USE SHEETS 719-009-01 THROUGH 719-009-05 FOR THIS ITEM

CONTRACTOR MAY USE PRECAST OR BUILT IN PLACE CONSTRUCTION NOTED ABOVE OR COMBINE OPTIONS AS DESIRED.
SEE QUALIFIED PRODUCT LIST 14 FOR MANUFACTURERS OF PRECAST ITEMS.
- BUILT IN PLACE: ① CB 9 BOTTOM SLAB (PC OR CIP 52"X52"X6") AND ② BRICK WALLS (8") AND ④ CB 9 PC TOP SLAB WITH THROAT LEGS (52"X52"X10") OR ⑤ CB 9 MH PC TOP SLAB WITH THROAT LEGS (52"X52"X10")
- ALTERNATE BUILT IN PLACE: ① CB 9 BOTTOM SLAB (PC OR CIP 52"X52"X6") AND ② BRICK WALLS (8") AND ⑥ BRICK THROAT (2 COARSE) AND ⑦ CB 9 PC TOP SLAB WITHOUT THROAT LEGS (52"X52"X5") OR ⑧ CB 9 MH PC TOP SLAB WITHOUT THROAT LEGS (52"X52"X5")
- PRECAST: ③ PC DRAINAGE BOX CONFORMING TO 719-310-00 OR 719-305-00 (3'X3'X__) (MAX 12' DEPTH) AND ④ CB 9 PC TOP SLAB WITH THROAT LEGS (52"X52"X10") OR ⑤ CB 9 MH PC TOP SLAB WITH THROAT LEGS (52"X52"X10")



PRECAST ITEMS
CB 9 BOTTOM SLAB (52"X52"X6")
CB 9 TOP SLAB WITH THROAT LEGS (52"X52"X10")
CB 9 MH TOP SLAB WITH THROAT LEGS (52"X52"X10")
ALTERNATE CB 9 TOP SLAB WITHOUT THROAT LEGS (52"X52"X5")
SEE ALSO STD. DRAWING 719-310-00 & 719-305-00

TABLE 719-009A

DIMENSION LABEL	PRECAST OPTION	BUILT IN PLACE OPTION
A	6"	8"
B	5"	2 COURSE OF BRICK
C	2"	0

WK DICKSON — community infrastructure consultants
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SUITE A
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WWW.WKDICKSON.COM

WKD PROJECT NO. - 20231100.00.GV

Seal

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION W.K. DICKSON & CO., LLC No. C00177

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER NO. 23511 JEFFREY HOYLE EDNEY
05/02/2025

DP3 ARCHITECTS
DP3 Architects, Ltd.
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Project

historic Little Mountain

NEWBERRY COUNTY REUNION PARK IMPROVEMENTS

Project Number	23236
Drawn By	EAH
Checked By	JHE
Date	30 APR 2025

Revisions

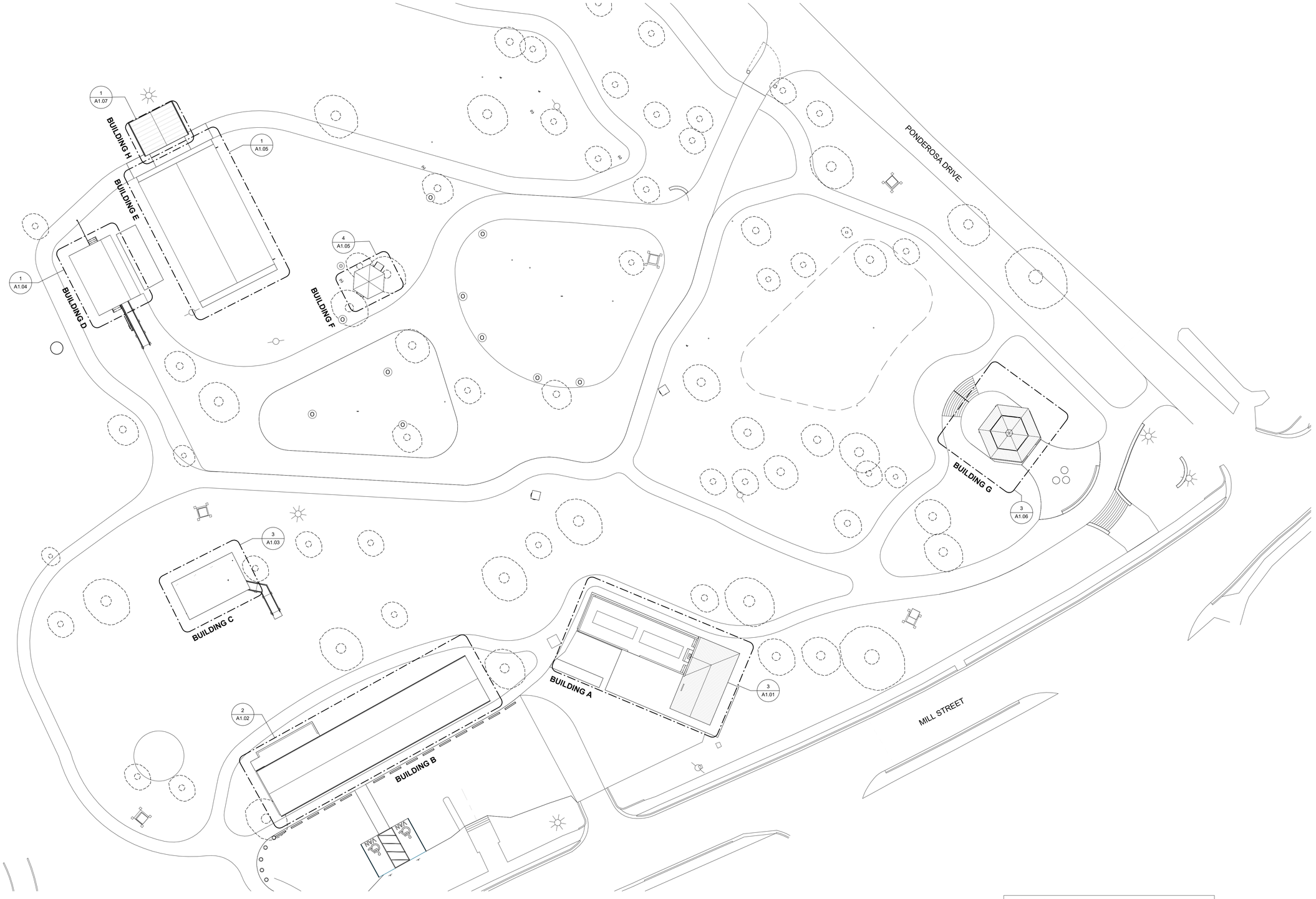
Drawing

DRAINAGE DETAILS

C-505

GENERAL NOTES

A. COORDINATE SITE PLAN WITH CIVIL, ELECTRICAL, MECHANICAL, PLUMBING, AND STRUCTURAL DRAWINGS.



ARCHITECTURAL SITE PLAN FOR KEY PLAN ONLY.
REFER TO CIVIL DRAWINGS FOR SITE WORK SCOPE.

1 A0.01 OVERALL SITE PLAN
3/64" = 1'-0"

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DP3 ARCHITECTS LTD.
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B - 84017
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STATE OF SOUTH CAROLINA
MICHAEL THOMAS WAY
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04577
REGISTERED ARCHITECT

27 JUNE 2023

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Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

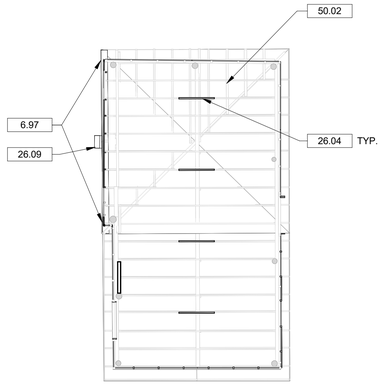
Project Number	23236
Drawn By	LTG
Checked By	RHW
Date	30 APR 2025

Revisions

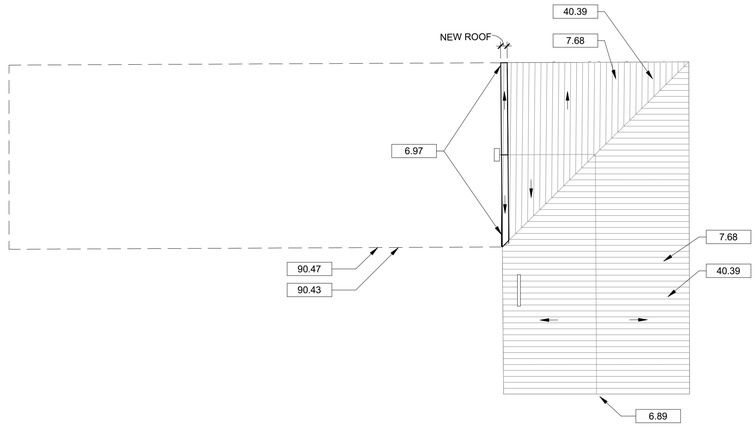
Drawing

ARCHITECTURAL SITE PLAN

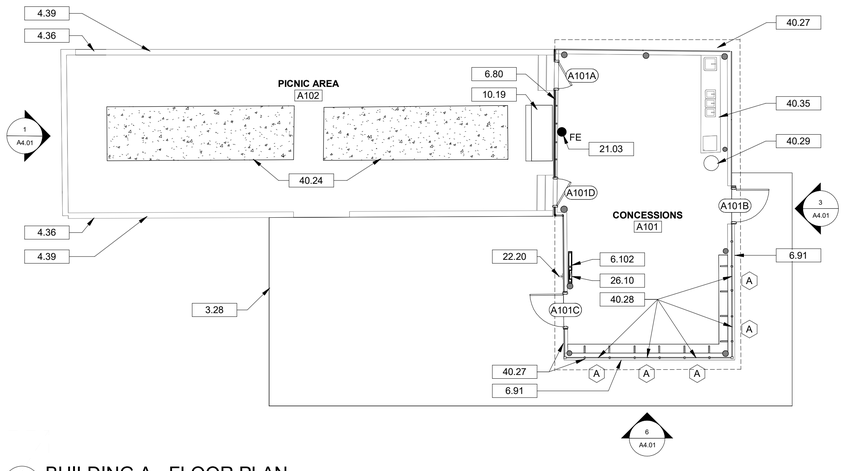
A0.01



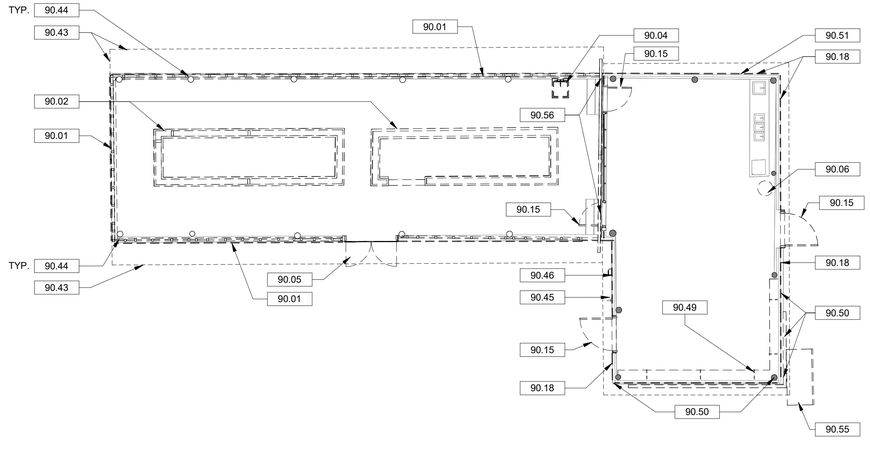
1 A1.01 BUILDING A - REFLECTED CEILING PLAN
1/8" = 1'-0"



2 A1.01 BUILDING A - ROOF PLAN
1/8" = 1'-0"



3 A1.01 BUILDING A - FLOOR PLAN
1/8" = 1'-0"



4 A1.01 BUILDING A - DEMOLITION FLOOR PLAN
1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES

A. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.

B. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING, MECHANICAL AND ELECTRICAL WORK.

C. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.

D. LUMBER AND BLOCKING IN CONTACT WITH MASONRY AND CONCRETE SHALL BE PRESSURE TREATED.

E. USE MOISTURE RESISTANT (TYPE "X" AS REQUIRED) GWB BEHIND ALL SINKS AND WET AREAS.

F. REMOVE AND REPLACE ANY DAMAGED OR MISSING WOOD BOARDS.

G. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR FULL SCOPE.

DRAWING NOTES

3.28 NEW CONCRETE WALKING PATH. REFER TO CIVIL ENGINEERING DRAWINGS.

4.36 EXISTING CMU LOW WALL TO REMAIN. CLEAN AND PREPARE FOR NEW PAINT FINISH.

4.39 NEW 2" HIGH X 8"X16" SOLID CMU CAP AT TOP OF EXISTING CMU LOW WALL. TYPICAL AT PERIMETER OF PICNIC AREA.

6.80 EXISTING WOOD SHEATHING TO REMAIN. RESECURE EDGES OF SHEATHING TO FRAMING. INSTALL NEW EXTERIOR PLYWOOD GROOVED PANELING BOARDS, PAINT.

6.89 EXISTING WOOD SHEATHING AT GABLE END ABOVE CONCESSION WINDOWS TO REMAIN. PROTECT DURING REPLACEMENT OF VERTICAL WOOD FRAME INFILL BELOW. INSTALL NEW EXTERIOR PLYWOOD GROOVED PANELING, PAINT.

6.91 NEW P.T. 2X10 WOOD SILL AT TOP OF CMU BENEATH NEW WOOD INFILL AND CONCESSION WINDOW FRAMING. EXTEND WIDTH OVER EXTERIOR FACE OF MASONRY FOR SERVICE COUNTER. PAINT.

6.97 INSTALL PLYWOOD SHEATHING AT GABLE FRAMING TO MATCH EXISTING SHEATHING BELOW. INSTALL NEW EXTERIOR PLYWOOD GROOVED PANELING FINISH BOARDS, PAINT.

6.102 NEW 3'-6" LONG 2X4 FRAMED CHASE WALL WITH 1/2-INCH PLYWOOD SUBSTRATE FOR MOUNTING OF NEW RECESSED ELECTRICAL PANEL. CENTER WALL ON CENTER OF POLE COLUMN AND EXTEND WALL TO BOTTOM CHORD OF EXISTING TRUSSES. PAINT ALL VISIBLE SURFACES OF CHASE WALL TO MATCH EXTERIOR WALL INFILL FRAMING. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR COORDINATION OF UTILITIES.

7.68 EXISTING METAL ROOFING AND SHEATHING TO REMAIN.

10.19 RELOCATED ICE BIN. CLEAN ALL SURFACES. REFER TO ELECTRICAL DRAWINGS FOR POWER PROVISION.

21.03 BRACKET MOUNTED FIRE EXTINGUISHER. SIZE AND TYPE TO BE CONFIRMED BY FIRE MARSHAL.

22.20 EXISTING WATER SUPPLY LINE TO BUILDING AND EXTERIOR HOSE BIBB. REFER TO PLUMBING DRAWINGS FOR NEW INSULATION. PAINT TO MATCH ADJACENT WALL.

26.04 NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.

26.09 NEW WALLPACK. REFER TO ELECTRICAL DRAWINGS.

26.10 NEW ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.

40.24 NEW CONCRETE SLAB AT EXISTING BBQ PIT LOCATION. NEW SLAB TO BE FLUSH WITH EXISTING FLOOR. REFER TO STRUCTURAL DRAWINGS.

40.27 NEW PREFINISHED METAL SCREEN INFILL BETWEEN 2X4 WOOD FRAME. REFER TO METAL SCREEN INFILL ATTACHMENT DETAIL ON DRAWING A4.01.

40.28 NEW 2'-8" WIDE METAL MESH FRAMED CONCESSION WINDOW. CONFIRM WINDOW R.O. HEIGHT TO MATCH EXISTING DOOR HEAD.

40.29 NEW WATER HEATER. REFER TO PLUMBING DRAWINGS.

40.35 EXISTING STAINLES STEEL COUNTER, SINKS, AND PLUMBING TO REMAIN.

40.39 SOFT WASH ALL SURFACES OF EXISTING METAL ROOF, COPINGS, AND FASCIA.

50.02 EXISTING EXPOSED WOOD STRUCTURE AND SHEATHING TO REMAIN. PROTECT DURING CONSTRUCTION.

90.01 REMOVE EXISTING EXTERIOR METAL SCREENING, WOOD FRAME INFILL, AND WOOD CAP AT CMU WALL AT SOUTH, WEST, AND NORTH WALLS OF EXISTING BBQ PIT.

90.02 DEMOLISH EXISTING BBQ PIT WALLS ENTIRELY. REMOVE ALL COMPONENTS COMPLETELY AND PREPARE AREA FOR NEW TURN DOWN SLAB. REFER TO STRUCTURAL DRAWINGS.

90.04 REMOVE EXISTING SINK. CAP PLUMBING BELOW FLOOR AND PATCH CONCRETE. REFER TO PLUMBING DRAWINGS.

90.05 REMOVE EXISTING EXTERIOR DOUBLE DOORS.

90.06 REMOVE EXISTING WATER HEATER. PREPARE FOR NEW WATER HEATER. REFER TO PLUMBING DRAWINGS.

90.15 DEMOLISH EXISTING DOOR. PREPARE FOR NEW DOOR AND FRAME.

90.18 REMOVE EXISTING MESH SCREENING AND FASTENERS ENTIRELY. PREPARE EXISTING 2X4 WOOD FRAMING MEMBERS TO REMAIN FOR NEW SCREEN INFILL AND NEW PAINT FINISH.

90.43 REMOVE EXISTING ROOF STRUCTURE ENTIRELY TO THE PLANE OF THE FASCIA AT THE EXISTING CONCESSIONS ROOF. PREPARE FOR NEW WORK.

90.44 DEMOLISH EXISTING ROOF STRUCTURE TO INCLUDE TOP PORTION OF HEAVY TIMBER POLE COLUMNS. CARE SHOULD BE TAKEN TO CUT POLES FLUSH WITH TOP OF EXISTING ADJACENT LOW CMU WALL IN PREPARATION FOR NEW CMU CAP TO SPAN ACROSS POLE COLUMN BASE TO REMAIN.

90.45 EXISTING WATER SERVICE. REFER TO PLUMBING DRAWINGS.

90.46 DEMOLISH EXISTING RECEPTACLE BACK TO SOURCE. REFER TO ELECTRICAL DRAWINGS.

90.47 DEMOLISH EXISTING ROOF FRAMING AND ROOFING IN ITS ENTIRETY.

90.49 REMOVE EXISTING DAMAGED 2X VERTICAL SUPPORTS UNDER EXISTING PLYWOOD COUNTER. PREPARE FOR NEW SUPPORTS.

90.50 REMOVE EXISTING 2X WOOD INFILL FRAMING BETWEEN EXISTNG POLE COLUMNS TO INCLUDE VERTICAL FRAMING, THE EXTERIOR SERVICE COUNTER BOARD AND THE ADDITIONAL SILL BOARD ABOVE IT. PREPARE FOR NEW INFILL AND CONCESSION WINDOW FRAMING PER ELEVATIONS. PROVIDE SHORING OF STRUCTURE ABOVE WHILE NEW INFILL FRAMING IS INSTALLED. EXISTING WOOD PANELS AT GABLE END TO REMAIN; PROTECT DURING DEMOLITION AND CONSTRUCTION.

90.51 REMOVE EXISTING 2X BOARD USED FOR SCREEN REPAIR. REPLACE SECTION OF DAMAGED WOOD SILL BEHIND BOARD.

90.55 SALVAGE AND RELOCATE EXISTING ICE BIN. REFER TO PLAN FOR NEW LOCATION.

90.56 EXISTING METAL PANEL WALL FINISH AT GABLE END TO BE REMOVED.

Seal

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MICHAEL THOMAS GRAY
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27 JUNE 2023

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Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

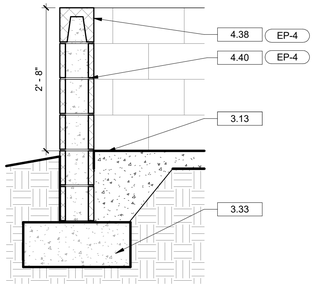
Project Number	23236
Drawn By	LMG
Checked By	RHW
Date	30 APR 2025

Revisions

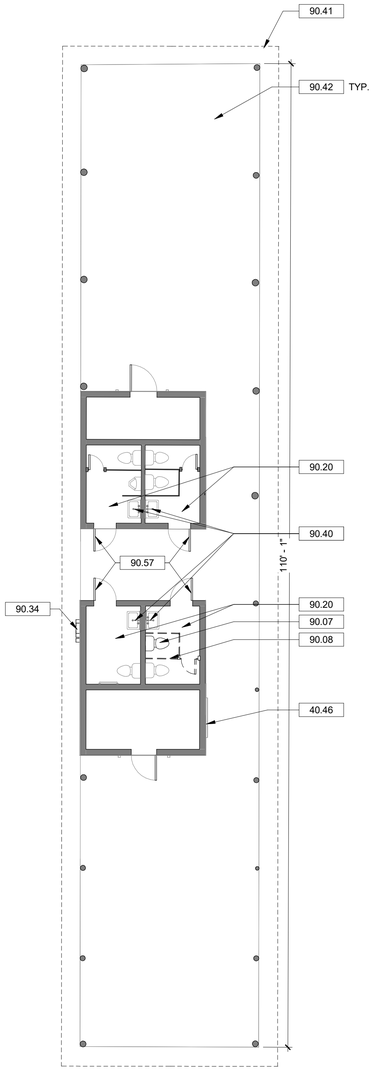
Drawing

BUILDING A - PLANS AND DETAILS

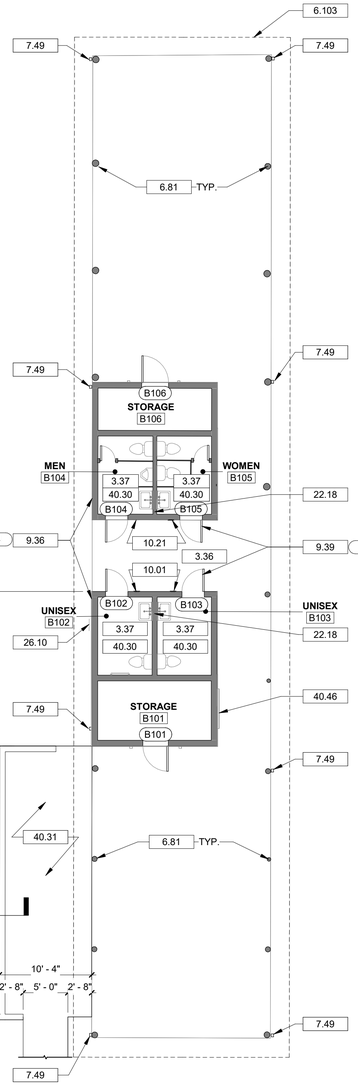
A1.01



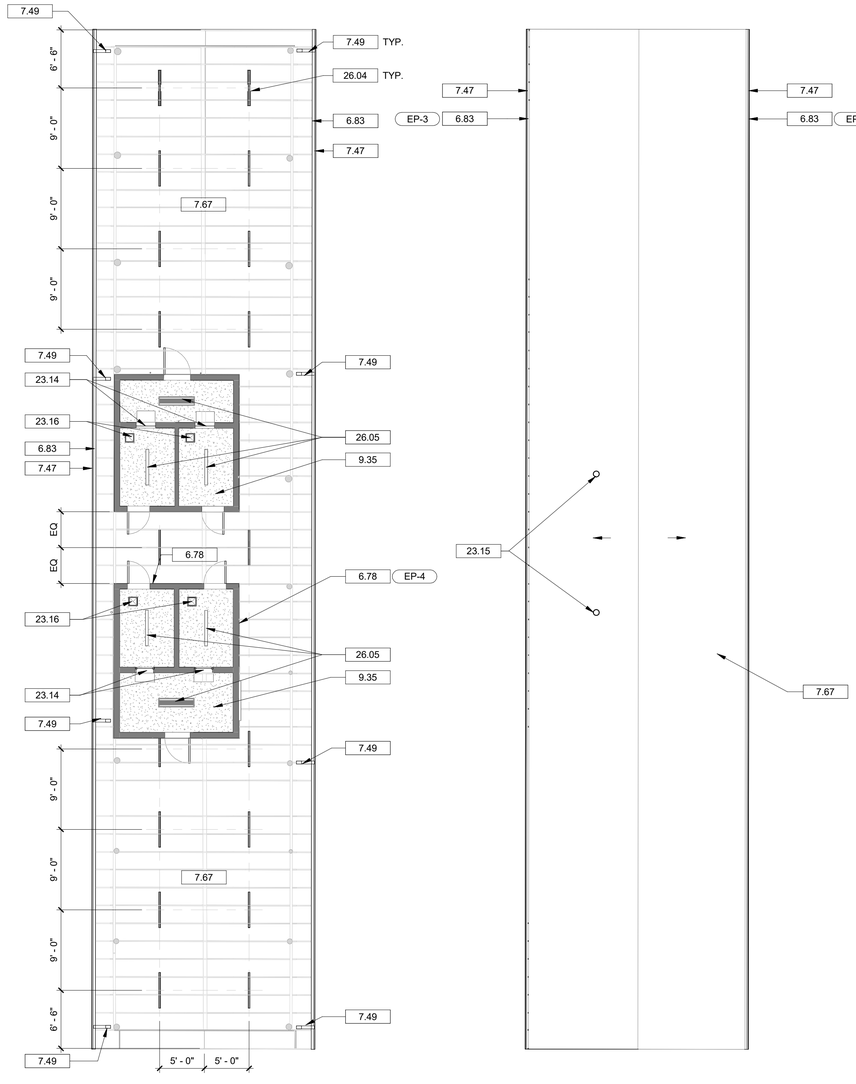
5 A1.02 ACCESSIBLE PLATFORM SECTION
3/4" = 1'-0"



1 A1.02 BUILDING B - DEMOLITION FLOOR PLAN
1/8" = 1'-0"



2 A1.02 BUILDING B - FLOOR PLAN
1/8" = 1'-0"



3 A1.02 BUILDING B - REFLECTED CEILING PLAN
1/8" = 1'-0"

4 A1.02 BUILDING B - ROOF PLAN
1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES

A. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.

B. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING, MECHANICAL AND ELECTRICAL WORK.

C. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.

D. LUMBER AND BLOCKING IN CONTACT WITH MASONRY AND CONCRETE SHALL BE PRESSURE TREATED.

E. USE MOISTURE RESISTANT (TYPE "X" AS REQUIRED) GWB BEHIND ALL SINKS AND WET AREAS.

F. REMOVE AND REPLACE ANY DAMAGED OR MISSING WOOD BOARDS.

G. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR FULL SCOPE.

DRAWING NOTES

3.13 REINFORCED CONCRETE SLAB ON GRADE. REFER TO STRUCTURAL DRAWINGS.
3.33 CONCRETE FOOTING. REFER TO CIVIL DRAWINGS FOR SIZE, TYPE OF REINFORCEMENT AND DEPTH.
3.36 REPAIR CRACKS IN EXTERIOR CONCRETE SLAB AS FOLLOWS. REMOVE ANY LOOSE PIECES ASSOCIATED WITH THE CRACK. FILL CRACKS WITH CEMENTITIOUS CRACK FILLER AND FINISH SMOOTH.
3.37 REPAIR CRACKS IN INTERIOR CONCRETE SLAB TO RECEIVE NEW FINISH AS FOLLOWS. REMOVE ANY LOOSE PIECES ASSOCIATED WITH THE CRACK. FILL CRACKS WITH CEMENTITIOUS CRACK FILLER AND FINISH SMOOTH. APPLY NEW EPOXY FINISH AS SCHEDULED.
4.38 INVERTED BOND BEAM OF SOLID CONCRETE MASONRY UNIT FOR TOP COURSE.
4.40 EXTERIOR 8 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT. REFER TO CIVIL DRAWINGS FOR REINFORCEMENT. REFER TO WALL TYPE SCHEDULE.
6.78 NEW 1X TRIM TO MATCH ADJACENT TRIM AT TOP OF CMU WALL. PAINT.
6.81 EXISTING HEAVY TIMBER POLE COLUMN TO REMAIN. CLEAN EXPOSED SURFACES.
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.
6.103 NEW 1X PRESSURE TREATED WOOD FASCIA BOARD AT REMOVAL OF DAMAGED WOOD. REATTACH EXISTING SHEATHING.
7.47 NEW PREFINISHED METAL GUTTER.
7.49 NEW PREFINISHED METAL DOWNSPOUT. PROVIDE CONCRETE SPLASHBLOCK AT TERMINATION.
7.67 EXISTING ROOF TRUSSES, SHEATHING, AND SHINGLE ROOFING TO REMAIN. REPLACE DETERIORATED TOP CHORD TRUSS EXTENSIONS AND PROVIDE REMEDIATION FOR COMPROMISED SHEATHING AS FOLLOWS. PROVIDE NEW SUPPORT LAYER OF PRESSURE TREATED SHEATHING BENEATH COMPROMISED SECTIONS OF ROOF SHEATHING; SECURE BETWEEN TOP CHORDS OF EXISTING TRUSSES.
9.35 EXISTING CEILING TO REMAIN. RESECURE PERIMETER EDGES OF CEILING SUBSTRATE. PAINT. TYPICAL IN RESTROOM AND STORAGE ROOMS.
9.36 ALL EXTERIOR WALLS OF RESTROOM AND STORAGE ROOMS TO RECEIVE PAINT FINISH.
9.39 ALL EXISTING HOLLOW METAL DOORS AND FRAMES TO RECEIVE NEW PAINT FINISH. CLEAN AND PREPARE FOR NEW FINISH.
10.01 RESTROOM SIGN.
10.21 MEN AND WOMEN RESTROOM SIGNAGE.
22.18 NEW INSTANTANEOUS WATER HEATER. INSTALLED UNDER LAVATORY TO FEED LAVATORIES ON BOTH SIDES OF WALL. REFER TO PLUMBING DRAWINGS.
23.14 EXISTING VENTILATION SCREEN TO REMAIN. PAINT.
23.15 EXHAUST VENT THRU ROOF. FLASH PENETRATION IN ACCORDANCE WITH SHINGLE ROOFING INDUSTRY STANDARD DETAILS.
23.16 EXHAUST FAN. REFER TO MECHANICAL DRAWINGS.
26.04 NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
26.05 EXISTING LIGHT FIXTURE TO REMAIN, RECONDITION. REFER TO ELECTRICAL DRAWINGS.
26.10 NEW ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.
40.30 NEW EPOXY OVER EXISTING SLAB, NEW WALL PAINT, AND NEW SILOXANE SEALER ON CMU WALLS. REFER TO FINISH SCHEDULE.
40.31 NEW WHEELCHAIR ACCESSIBLE PLATFORM. NEW SLAB TO ALIGN WITH EXISTING SLAB. REFER TO STRUCTURAL DRAWINGS.
40.46 EXISTING DISPLAY CABINET TO REMAIN. PROTECT DURING CONSTRUCTION.
90.07 REMOVE TOILET, CAP AND ABANDONED UTILITIES. REFER TO PLUMBING DRAWINGS.
90.08 REMOVE TOILET PARTITIONS. PATCH AND REPAIR WALL AS NEEDED.
90.20 REMOVE EXISTING FLOOR COATINGS. PREPARE EXISTING SLAB FOR NEW FINISH.
90.34 REMOVE EXISTING ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.
90.40 REMOVE EXISTING FAUCET. PREPARE FOR NEW FAUCET. REFER TO PLUMBING DRAWINGS.
90.41 REMOVE ROTTED FASCIA BOARD BACK TO SOUND MATERIAL.
90.42 REMOVE EXISTING LIGHT FIXTURES AT COVERED PICNIC SHELTER AREAS. LIGHT FIXTURES IN RESTROOMS AND STORAGE ROOMS TO REMAIN.
90.57 DEMOLISH EXISTING RESTROOM SIGNAGE. PREPARE DOOR FOR NEW PAINT FINISH.

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Project

historic Little Mountain

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IMPROVEMENTS

Project Number	23236
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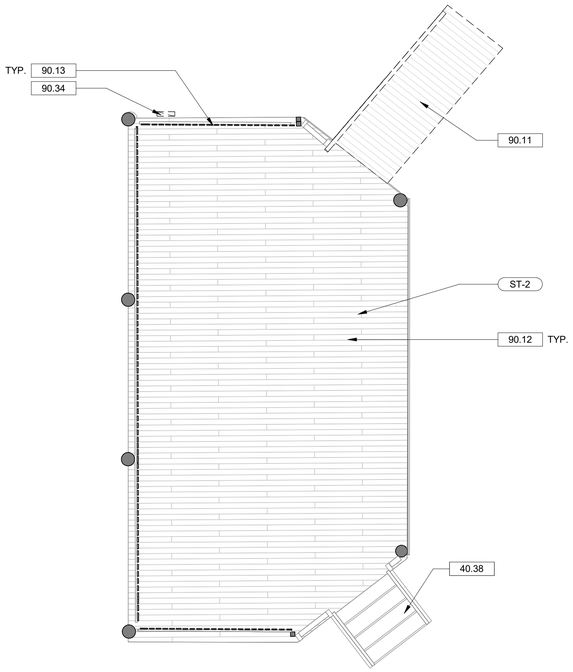
Checked By	RHW
Date	30 APR 2025

Revisions

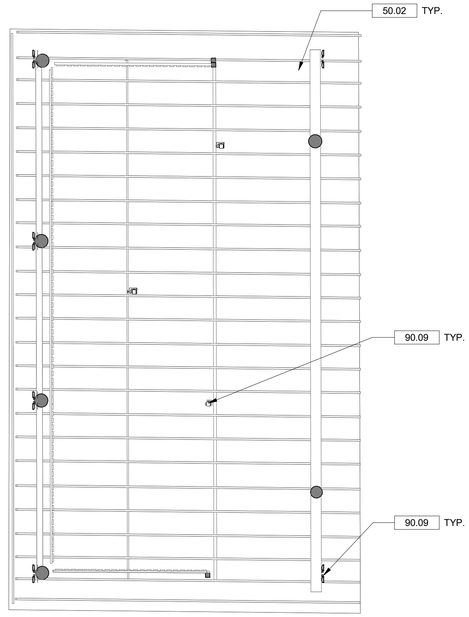
Drawing

BUILDING B - PLANS AND DETAILS

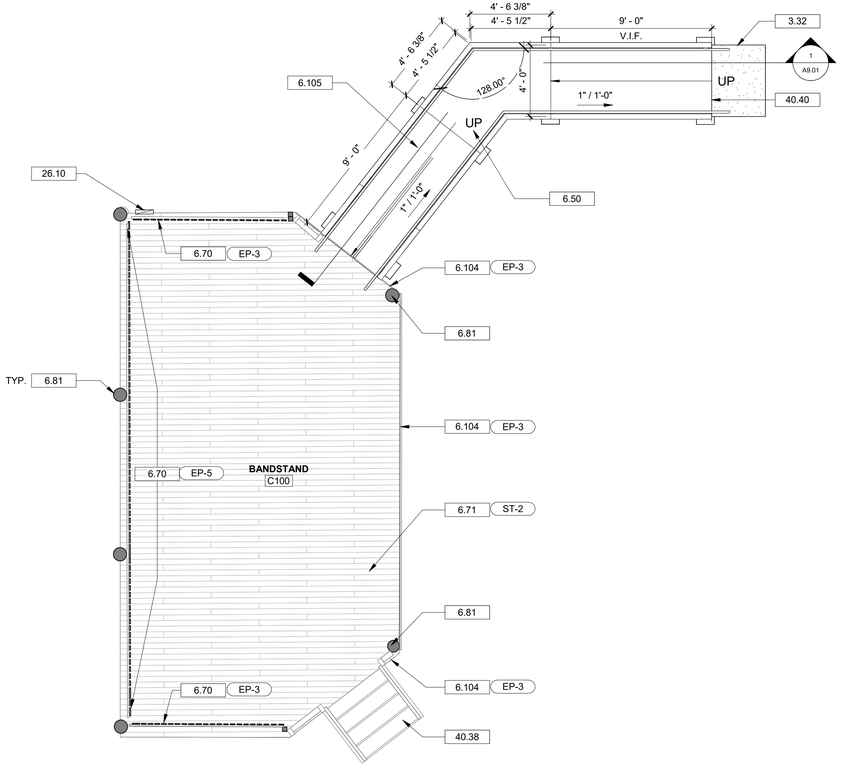
A1.02



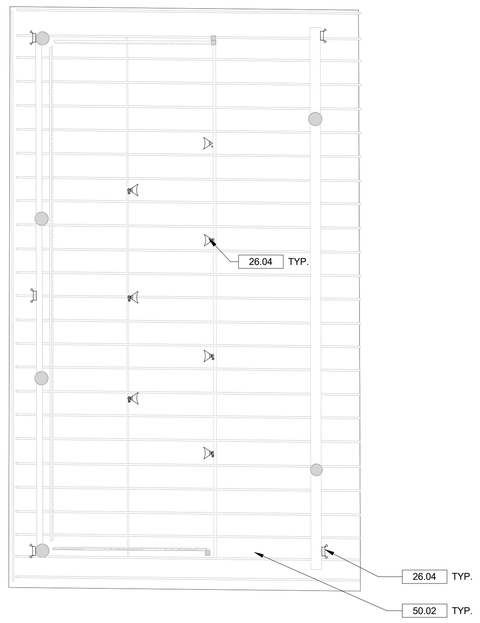
1 A1.03 BUILDING C - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 A1.03 BUILDING C - DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"



3 A1.03 BUILDING C - FLOOR PLAN
1/4" = 1'-0"



4 A1.03 BUILDING C - REFLECTED CEILING PLAN
1/4" = 1'-0"

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F. REMOVE AND REPLACE ANY DAMAGED OR MISSING WOOD BOARDS.

G. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR FULL SCOPE.

DRAWING NOTES

3.32 NEW CONCRETE LANDING. REFER TO STRUCTURAL AND CIVIL DRAWINGS

6.50 NEW PRESSURE TREATED WOOD RAMP AND RAILINGS. REFER TO DETAILS.

6.70 EXISTING WOOD SCREEN TO REMAIN. CLEAN ALL SURFACES AND PREPARE FRONT OF BOARDS (VISIBLE FROM AUDIENCE SIDE) FOR NEW PAINT FINISH. (REPLACEMENT QUANTITY: 8 TOTAL BETWEEN BUILDINGS C AND D; MATCH EXISTING SCREEN BOARDS)

6.71 EXISTING WOOD STAGE TO REMAIN. REPLACE DAMAGED BOARDS WITH NEW PRESSURE TREATED BOARDS TO MATCH EXISTING ADJACENT SIZE AND SPECIES (REPLACEMENT QUANTITY: 10 BOARDS AT 16' LONG). CLEAN ALL EXISTING EXPOSED SURFACES AND PREPARE FOR NEW STAIN FINISH.

6.81 EXISTING HEAVY TIMBER POLE COLUMN TO REMAIN. CLEAN EXPOSED SURFACES.

6.104 NEW DECORATIVE VERTICAL BOARD SCREENING AND SUPPORTING POLES AND BOARDS BELOW STAGE ALONG FRONT AND ANGLED SECTIONS RETURNING BACK TO STEPS AND NEW RAMP, RESPECTIVELY. MATCH DETAIL FROM BUILDING D (2"X2" VERTICAL PICKETS WITH ANGLED TOP AND BOTTOM ENDS, MATCH SPACING, AND BOTTOM SUPPORT BOARD), PAINT.

6.105 COORDINATE NEW RAMP LOCATION WITH EXISTING TREE TO REMAIN. GC TO SCHEDULE ON SITE MEETING WITH ARCHITECT TO CONFIRM LOCATION.

26.04 NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.

26.10 NEW ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.

40.38 EXISTING WOOD STAIR AND RAILINGS TO REMAIN. CLEAN AND PREPARE SURFACES TO RECEIVE NEW CLEAR SEALER

40.40 COORDINATE BOTTOM ELEVATION OF RAMP WITH FINISH GRADE. ENSURE ACCESSIBLE RAMP SLOPE. REFER TO CIVIL DRAWIGNS.

50.02 EXISTING EXPOSED WOOD STRUCTURE AND SHEATHING TO REMAIN. PROTECT DURING CONSTRUCTION.

90.09 REMOVE EXISTING LIGHTING, TYPICAL, UNLESS NOTED OTHERWISE. PREPARE FOR NEW LIGHTING. REFER TO ELECTRICAL DRAWINGS.

90.11 REMOVE EXISITNG RAMP AND ATTACHED RAILINGS. PREPARE FOR NEW ACCESSIBLE RAMP.

90.12 EXISTING STAGE FLOOR TO REMAIN. REMOVE DAMAGED BOARDS AND PREPARE FOR NEW BOARDS. (REPLACEMENT QUANTITY: 10 BOARDS AT 16' LONG).

90.13 EXISTING WOOD SCREEN TO REMAIN. REPLACE DAMAGED OR MISSING BOARDS. (REPLACEMENT QUANTITY: 8 TOTAL BETWEEN BUILDINGS C AND D TO MATCH EXISTING SCREEN BOARDS)

90.34 REMOVE EXISTING ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.

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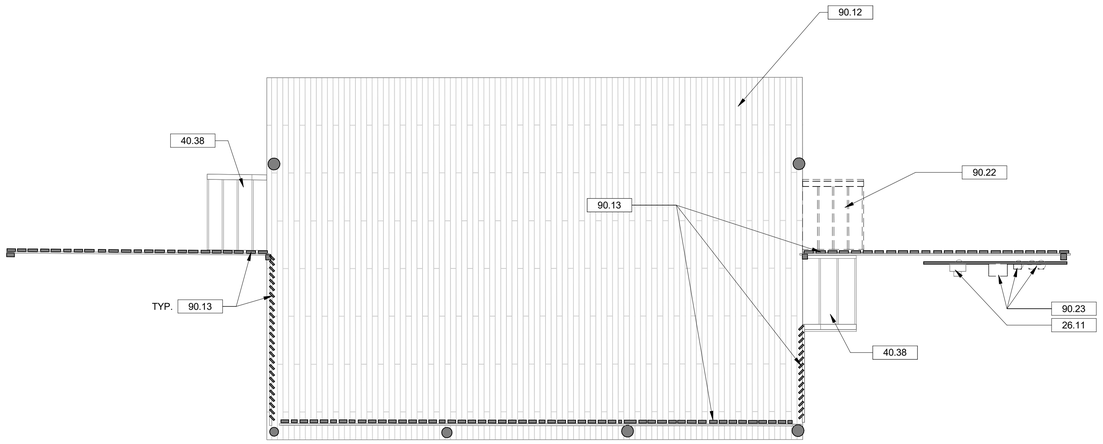
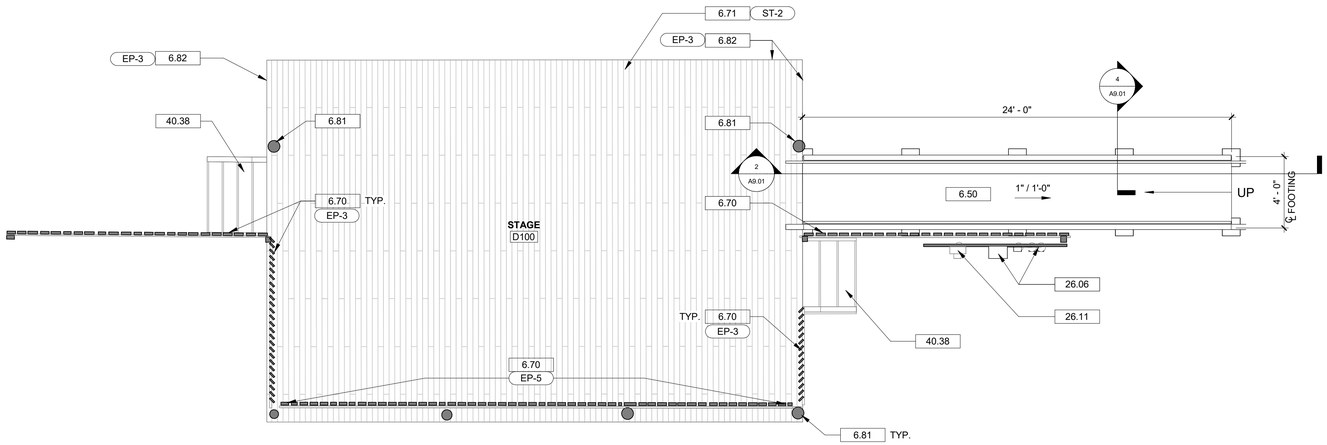
BUILDING C - PLANS AND DETAILS

A1.03



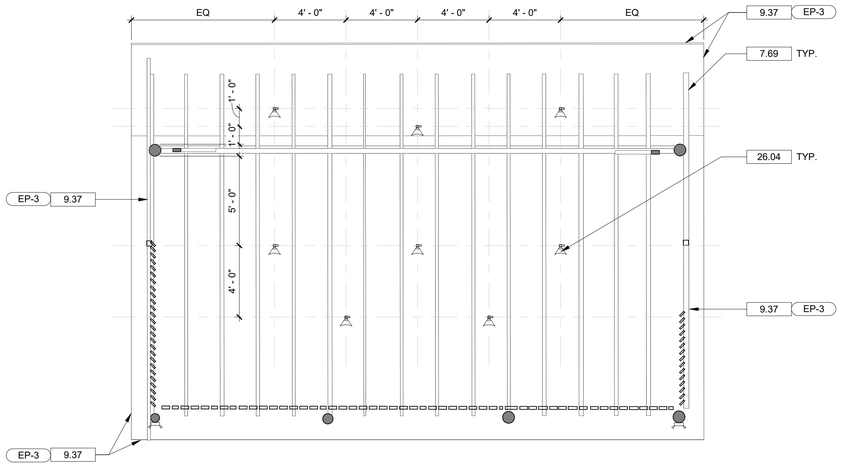
1 A1.04 BUILDING D - DEMOLITION PLAN

1/4" = 1'-0"



2 A1.04 BUILDING D - FLOOR PLAN

1/4" = 1'-0"



3 A1.04 BUILDING D - REFLECTED CEILING PLAN

1/4" = 1'-0"

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F. REMOVE AND REPLACE ANY DAMAGED OR MISSING WOOD BOARDS.

G. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR FULL SCOPE.

DRAWING NOTES

6.50 NEW PRESSURE TREATED WOOD RAMP AND RAILINGS. REFER TO DETAILS.

6.70 EXISTING WOOD SCREEN TO REMAIN. CLEAN ALL SURFACES AND PREPARE FRONT OF BOARDS (VISIBLE FROM AUDIENCE SIDE) FOR NEW PAINT FINISH. (REPLACEMENT QUANTITY: 8 TOTAL BETWEEN BUILDINGS C AND D; MATCH EXISTING SCREEN BOARDS)

6.71 EXISTING WOOD STAGE TO REMAIN. REPLACE DAMAGED BOARDS WITH NEW PRESSURE TREATED BOARDS TO MATCH EXISTING ADJACENT SIZE AND SPECIES (REPLACEMENT QUANTITY: 10 BOARDS AT 16' LONG). CLEAN ALL EXISTING EXPOSED SURFACES AND PREPARE FOR NEW STAIN FINISH.

6.81 EXISTING HEAVY TIMBER POLE COLUMN TO REMAIN. CLEAN EXPOSED SURFACES.

6.82 EXISTING DECORATIVE VERTICAL BOARD SCREENING AT STAGE PERIMETER TO REMAIN. CLEAN AND PREPARE EXPOSED SURFACES TO RECEIVE NEW PAINT FINISH.

7.69 EXISTING ROOF FRAMING, SHEATHING, AND SHINGLE ROOFING TO REMAIN. CLEAN ALL EXPOSED WOOD SURFACES.

9.37 CLEAN AND PREPARE EXISTING WOOD RAKE TRIM BOARDS AT EXISTING GABLE AND FASCIA BOARDS AT EAVES FOR NEW PAINT FINISH. PAINT FINISH TO BE APPLIED ON ALL EXISTING SURFACES THAT HAVE EXISTING PAINT FINISH.

26.04 NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.

26.06 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS.

26.11 EXISTING METER TO REMAIN. REFER TO ELECTRICAL DRAWINGS.

40.38 EXISTING WOOD STAIR AND RAILINGS TO REMAIN. CLEAN AND PREPARE SURFACES TO RECEIVE NEW CLEAR SEALER

90.12 EXISTING STAGE FLOOR TO REMAIN. REMOVE DAMAGED BOARDS AND PREPARE FOR NEW BOARDS. (REPLACEMENT QUANTITY: 10 BOARDS AT 16' LONG).

90.13 EXISTING WOOD SCREEN TO REMAIN. REPLACE DAMAGED OR MISSING BOARDS. (REPLACEMENT QUANTITY: 8 TOTAL BETWEEN BUILDINGS C AND D TO MATCH EXISTING SCREEN BOARDS)

90.22 REMOVE EXISITNG STAIR AND ATTACHED RAILINGS. PREPARE FOR NEW ACCESSIBLE RAMP.

90.23 EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED. REFER TO ELECTRICAL DRAWINGS.

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Revisions

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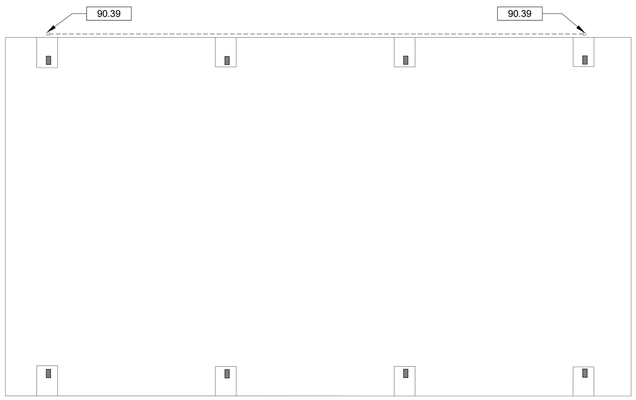
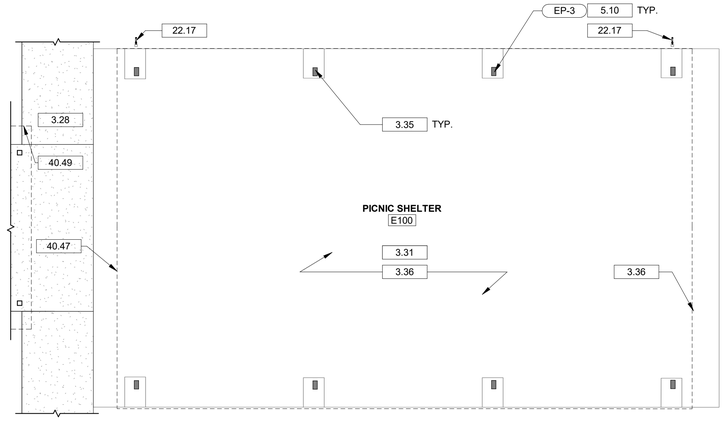
BUILDING D - PLANS AND DETAILS

A1.04



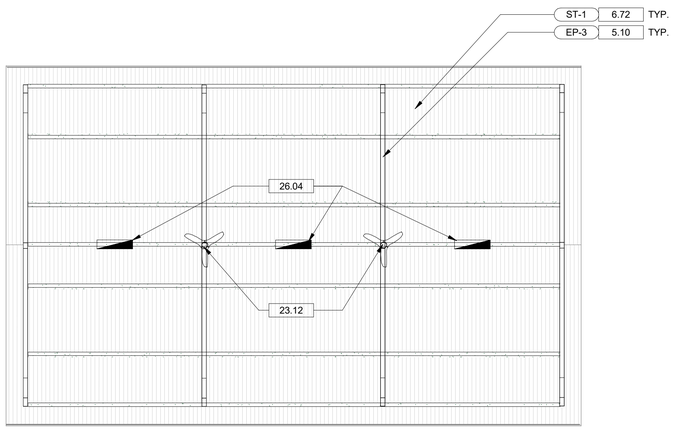
1 A1.05 BUILDING E - DEMOLITION FLOOR PLAN

1/8" = 1'-0"



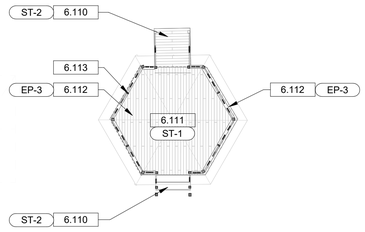
3 A1.05 BUILDING E - FLOOR PLAN

1/8" = 1'-0"



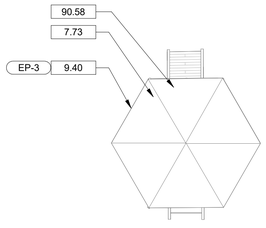
2 A1.05 BUILDING E - REFLECTED CEILING PLAN

1/8" = 1'-0"



4 A1.05 BUILDING F - FLOOR PLAN

1/8" = 1'-0"



5 A1.05 BUILDING F - ROOF PLAN

1/8" = 1'-0"

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F. REMOVE AND REPLACE ANY DAMAGED OR MISSING WOOD BOARDS.

G. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR FULL SCOPE.

DRAWING NOTES

3.28 NEW CONCRETE WALKING PATH. REFER TO CIVIL ENGINEERING DRAWINGS.

3.31 PRESSURE WASH EXISTING CONCRETE FLOOR.

3.35 FILL SETTLED ISOLATION POCKET WITH NON SHRINK GROUT AND FINISH LEVEL WITH EXISTING ADJACENT SLAB. TYPICAL AT EACH COLUMN BASE.

3.36 REPAIR CRACKS IN EXTERIOR CONCRETE SLAB AS FOLLOWS. REMOVE ANY LOOSE PIECES ASSOCIATED WITH THE CRACK. FILL CRACKS WITH CEMENTITIOUS CRACK FILLER AND FINISH SMOOTH.

5.10 EXISTING METAL POLIGON FRAME STRUCTURE TO REMAIN. SAND AND PREPARE METAL FOR NEW PAINT FINISH.

6.72 EXISTING TONGUE AND GROOVE WOOD ROOF DECK. SAND AND PREPARE TO RECEIVE NEW STAIN FINISH.

6.110 REMOVE AND REPLACE EXISTING PRESSURE TREATED BOARDS AT STAIR TREADS AND RAMP. STAIN SEALER.

6.111 EXISTING WOOD FLOOR TO REMAIN. PRESSURE WASH AND PREPARE FOR NEW STAIN FINISH.

6.112 EXISTING DECORATIVE VERTICAL BOARD SCREENING BELOW FLOOR PERIMETER TO REMAIN. CLEAN AND PREPARE EXPOSED SURFACES TO RECEIVE NEW PAINT FINISH. TYPICAL AT GAZEBO PERIMETER.

6.113 EXISTING GAZEBO COLUMNS, RAILING, DECORATIVE HEADER DETAIL, ROOF FRAMING AND ROOF DECK TO BE PRESSURE WASHED AND CLEAR SEALED.

7.73 NEW 20 YEAR 3 TAB SHINGLES OVER 30 LB. BUILDING FELT. BASIS OF DEISGN; GAF, ROYAL SOVEREIGN, CHARCOAL.

9.40 EXISTING FASCIA BOARD TO BE CLEANED AND PREPARED FOR NEW PAINT FINISH ON EXTERIOR VERTICAL FACE AND BOTTOM EDGE ONLY.

22.17 NEW EXTERIOR HOSE BIB, PIPING AND MOUNTING POST. REWORK WATER PIPING TO BE BELOW GRADE. REFER TO CIVIL DRAWINGS.

23.12 NEW CEILING FAN PROVIDED AND INSTALLED BY OWNER. CONTRACTOR TO COORDINATE INSTALLATION OF NEW FANS WITH OWNER.

26.04 NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.

40.47 LINE OF PICNIC SHELTER ROOF OVERHANG ABOVE.

40.49 LINE OF BUILIDNG H ROOF OVERHANG ABOVE.

90.39 EXISTING YARD HYDRANT, POSTS, AND PIPING TO BE REWORKED. REFER TO CIVIL DRAWINGS FOR WORK SCOPE.

90.58 DEMOLISH EXISTING SHINGLES AND BUILDING FELT DOWN TO SHEATHING.

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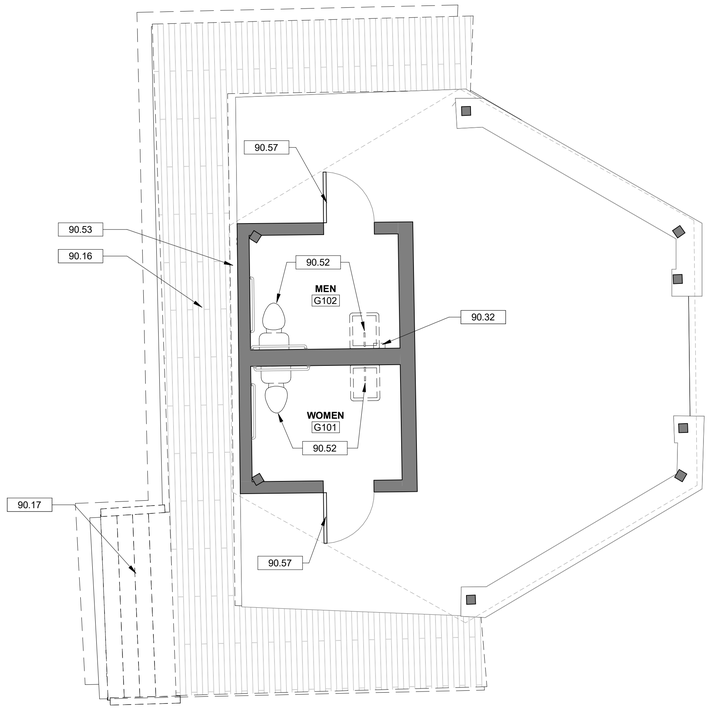
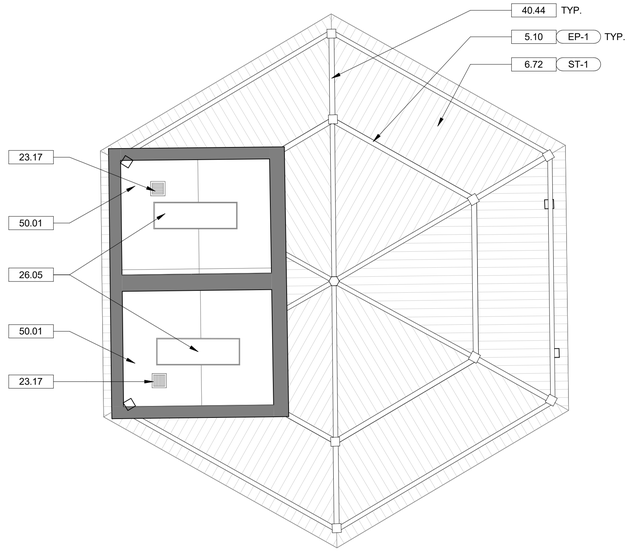
BUILDINGS E AND F - PLANS AND DETAILS

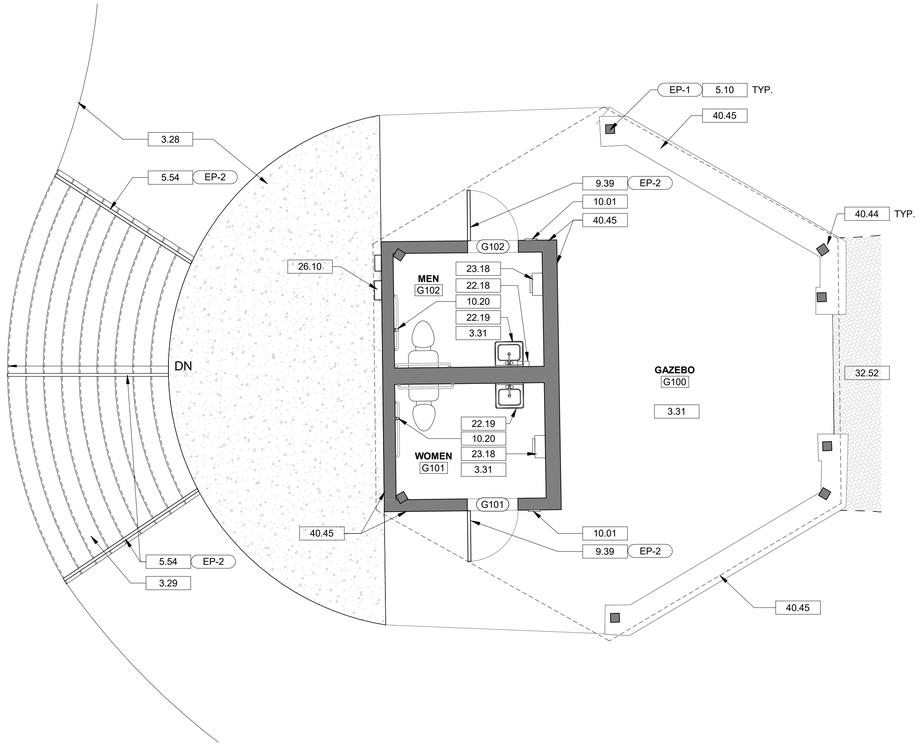
A1.05



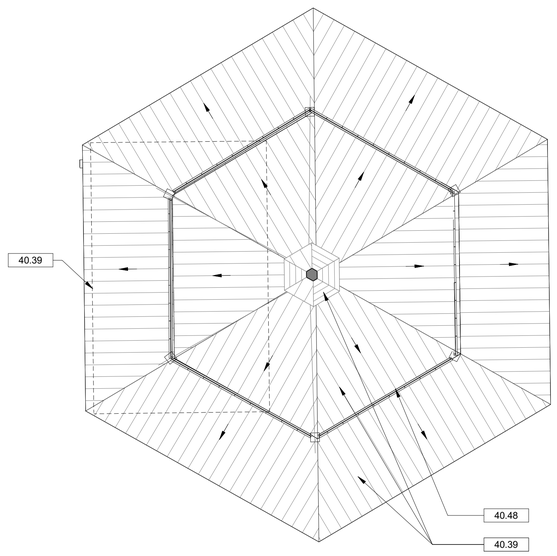
1 A1.06 BUILDING G - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 A1.06 BUILDING G - REFLECTED CEILING PLAN
1/4" = 1'-0"



3 A1.06 BUILDING G - FLOOR PLAN
1/4" = 1'-0"



4 A1.06 BUILDING G - ROOF PLAN
1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES

A. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.

B. DIMENSIONS ARE TO CENTERLINE OF COLUMN LINES, FACE OF INTERIOR SURFACE, FACE OF EXTERIOR WALL SHEATHING AND FACE OF MASONRY, UNLESS NOTED OTHERWISE.

C. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING, MECHANICAL AND ELECTRICAL WORK.

D. DOOR JAMBS ARE 6" NEAREST PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.

E. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.

F. LUMBER AND BLOCKING IN CONTACT WITH MASONRY AND CONCRETE SHALL BE PRESSURE TREATED.

G. ALL ELECTRICAL CONDUIT, OUTLETS, AND LOW VOLTAGE TO BE REPLACED. SEE ELCTRICAL DRAWINGS FOR FULL SCOPE.

DRAWING NOTES

3.28 NEW CONCRETE WALKING PATH. REFER TO CIVIL ENGINEERING DRAWINGS.
3.29 NEW CONCRETE STAIR. REFER TO CIVIL DRAWINGS.
3.31 PRESSURE WASH EXISTING CONCRETE FLOOR.
5.10 EXISTING METAL POLIGON FRAME STRUCTURE TO REMAIN. SAND AND PREPARE METAL FOR NEW PAINT FINISH.
5.54 ACCESSIBLE HANDRAILS. PAINT. REFER TO CIVIL DRAWINGS.
6.72 EXISTING TONGUE AND GROOVE WOOD ROOF DECK. SAND AND PREPARE TO RECEIVE NEW STAIN FINISH.
9.39 ALL EXISTING HOLLOW METAL DOORS AND FRAMES TO RECEIVE NEW PAINT FINISH. CLEAN AND PREPARE FOR NEW FINISH.
10.01 RESTROOM SIGN.
10.20 NEW ACCESSIBLE VERTICAL 18" GRAB BAR.
22.18 NEW INSTANTANEOUS WATER HEATER. INSTALLED UNDER LAVATORY TO FEED LAVATORIES ON BOTH SIDES OF WALL. REFER TO PLUMBING DRAWINGS.
22.19 NEW PLUMBING FIXTURES. REFER TO PLUMBING DRAWINGS.
23.17 EXISTING EXHAUST FAN TO REMAIN. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RECONDITIONING.
23.18 NEW ELECTRIC UNIT HEATER. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
26.05 EXISTING LIGHT FIXTURE TO REMAIN, RECONDITION. REFER TO ELECTRICAL DRAWINGS.
26.10 NEW ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.
32.52 NEW BRICK PAVER WALKWAY. REFER TO CIVIL DRAWINGS.
40.39 SOFT WASH ALL SURFACES OF EXISTING METAL ROOF, COPINGS, AND FASCIA.
40.44 SOFT WASH ALL SURFACES OF EXISTING STEEL FRAME STRUCTURE INCLUDING COLUMNS AND ROOF FRAMING MEMBERS.
40.45 SOFT WASH EXISTING EXTERIOR MASONRY VENEER. TYPICAL AT ALL BUILDING SIDES AND ALL SEAT WALL SURFACES.
40.48 SOFT WASH EXISTING COPING.
50.01 EXISTING CEILING TO REMAIN. RESECURE EXISTING SUBSTRATE TO FRAMING AT BOARD PERIMETERS, CAULK JOINTS AND PREPARE FOR NEW PAINT FINISH. REPLACE COMPROMISED BOARDS (QUANTITY TWO).
90.16 DEMOLISH EXISTING WOOD WALKWAY.
90.17 DEMOLISH EXISTING STAIRS.
90.32 PREPARE FOR NEW WATER HEATER. REFER TO PLUMBING DRAWINGS.
90.52 DEMOLISH EXISTING PLUMBING FIXTURES. REFER TO PLUMBING DRAWINGS.
90.53 REMOVE EXISTING ELECTRICAL PANEL. PREPARE FOR NEW WORK. REFER TO ELECTRICAL DRAWINGS.
90.57 DEMOLISH EXISTING RESTROOM SIGNAGE. PREPARE DOOR FOR NEW PAINT FINISH.

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Project

historic Little Mountain

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IMPROVEMENTS

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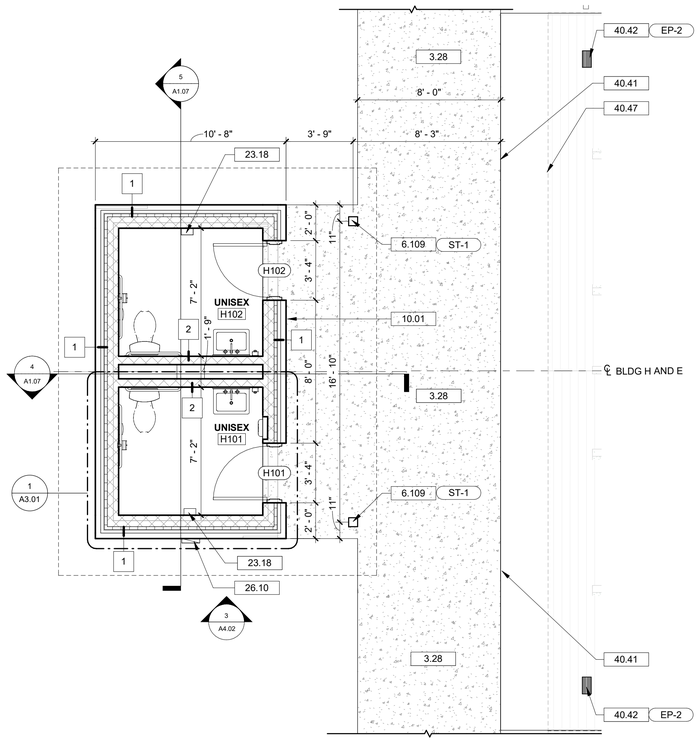
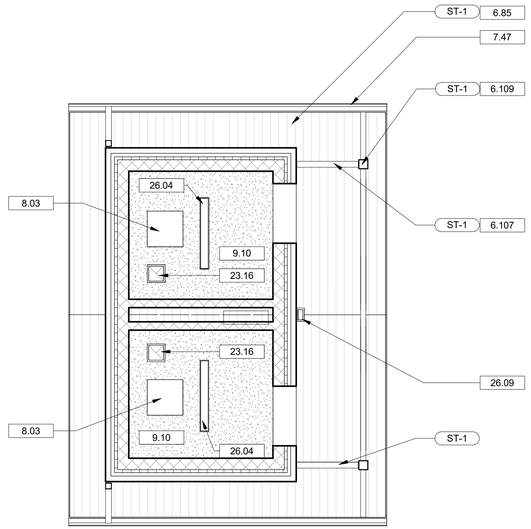
Revisions

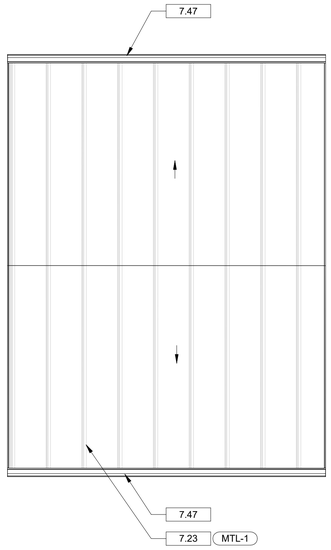
Drawing

BUILDING G - PLANS AND DETAILS

A1.06



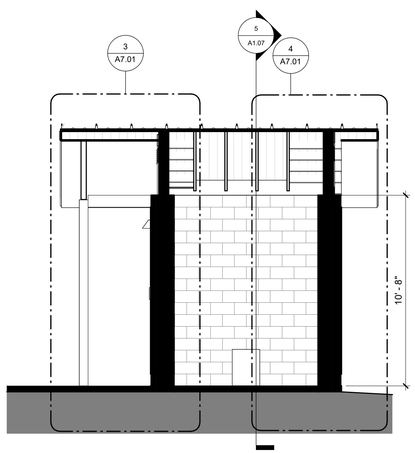




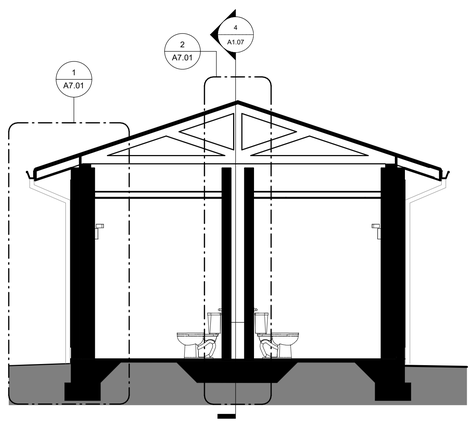
1 BUILDING H - FLOOR PLAN
A1.07 1/4" = 1'-0"

2 BUILDING H - REFLECTED CEILING PLAN
A1.07 1/4" = 1'-0"

3 BUILDING H - ROOF PLAN
A1.07 1/4" = 1'-0"



4 BUILDING H - LONGITUDINAL SECTION
A1.07 1/4" = 1'-0"



5 BUILDING H - TRANSVERSE SECTION
A1.07 1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES

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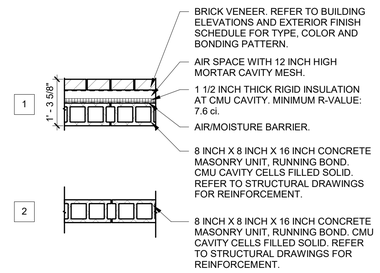
WALL TYPE LEGEND



1 BRICK VENEER. REFER TO BUILDING ELEVATIONS AND EXTERIOR FINISH SCHEDULE FOR TYPE, COLOR AND BONDING PATTERN.
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.

2 8 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT, RUNNING BOND. CMU CAVITY CELLS FILLED SOLID. REFER TO STRUCTURAL DRAWINGS FOR REINFORCEMENT.

DRAWING NOTES

3.28 NEW CONCRETE WALKING PATH. REFER TO CIVIL ENGINEERING DRAWINGS.
6.85 5/8 INCH GROOVED PLYWOOD SOFFIT, STAIN.
6.107 4X8 CEDAR BEAM. STAIN. REFER TO STRUCTURAL DRAWINGS.
6.109 NEW 6X6 HEAVY TIMBER CEDAR POST. REFER TO STRUCTURAL. STAIN
7.23 PREFINISHED STANDING SEAM METAL ROOFING SYSTEM.
7.47 NEW PREFINISHED METAL GUTTER.
8.03 18"X18" ACCESS DOOR. FIELD LOCATE FOR ACCESS TO J-BOXES. PAINT TO MATCH CEILING.
9.10 5/8 INCH GYPSUM WALL BOARD.
10.01 RESTROOM SIGN.
23.16 EXHAUST FAN. REFER TO MECHANICAL DRAWINGS.
23.18 NEW ELECTRIC UNIT HEATER. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
26.04 NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
26.09 NEW WALLPACK. REFER TO ELECTRICAL DRAWINGS.
26.10 NEW ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.
40.41 EDGE OF EXISTING PICNIC SHELTER SLAB.
40.42 EXISTING POLIGON PICNIC SHELTER FRAME. REFER TO DRAWING "BUILDING E - PLANS AND DETAILS"
40.47 LINE OF PICNIC SHELTER ROOF OVERHANG ABOVE.

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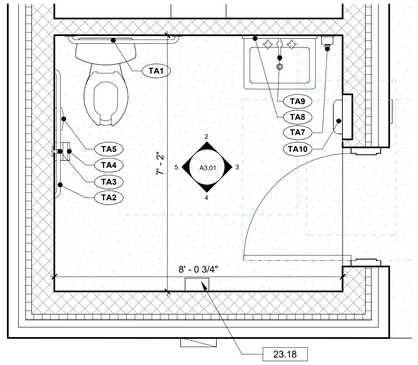
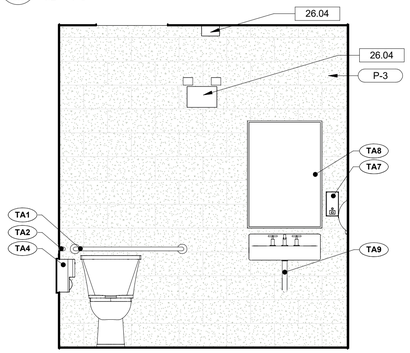
BUILDING H - PLANS AND BUILDING SECTIONS

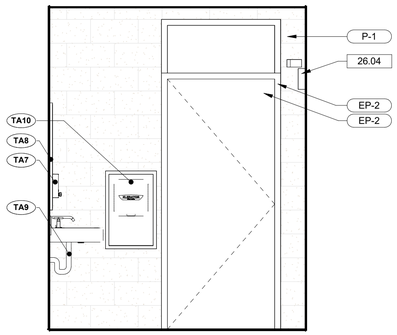
A1.07



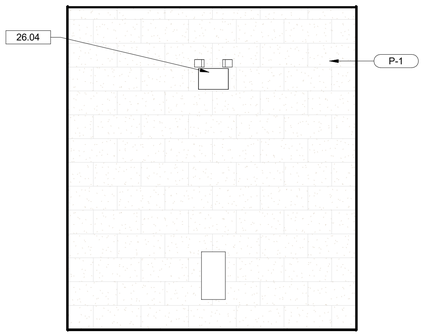
1 A3.01 BUILDING H RESTROOM FLOOR PLAN
1/2" = 1'-0"



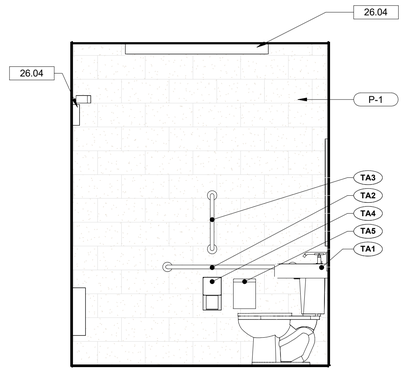
2 A3.01 NORTH ELEVATION
1/2" = 1'-0"



3 A3.01 EAST ELEVATION
1/2" = 1'-0"



4 A3.01 SOUTH ELEVATION
1/2" = 1'-0"



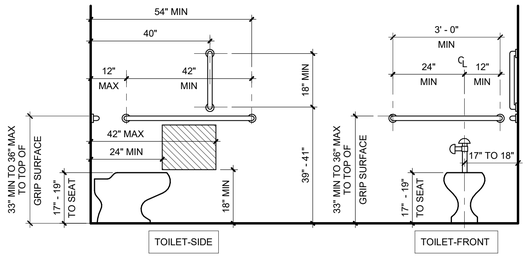
5 A3.01 WEST ELEVATION
1/2" = 1'-0"

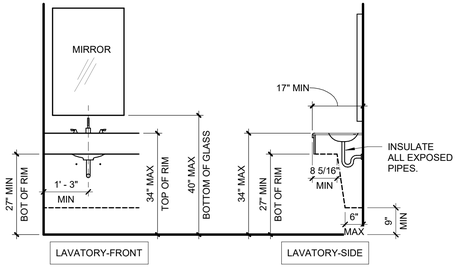
RESTROOM ACCESSORY SCHEDULE

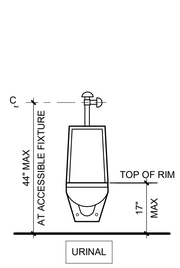
MARK	DESCRIPTION
TA1	<varies>
TA2	42" ACCESSIBLE GRAB BAR
TA3	18" GRAB BAR (VERTICAL)
TA4	SURFACE MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER
TA5	SURFACE- MOUNTED SANITARY NAPKIN DISPOSAL
TA7	SOAP DISPENSER; SURFACE MOUNTED, AUTOMATIC
TA8	24" X 36" VANDAL RESISTANT MIRROR
TA9	LAVATORY PIPE INSULATION
TA10	RECESSED PAPER TOWEL DISPENSER

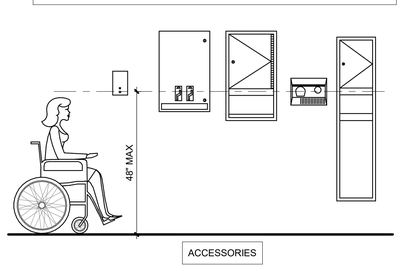
DRAWING NOTES

23.18 NEW ELECTRIC UNIT HEATER. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
26.04 NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.









RESTROOM ACCESSORY MOUNTING LOCATIONS

1. UPPER CASE CHARACTERS, ARIAL.
2. CHARACTERS RAISED 1/32".
3. GRADE 2 BRAILLE.
4. CHARACTERS AT LEAST 3/8" IN HEIGHT, BUT NO HIGHER THAN 2".
5. EQUIVALENT VERBAL DESCRIPTIONS PLACED BELOW EACH PICTOGRAM.
6. PICTOGRAM AREA A MINIMUM OF 6".
7. COLOR CONTRAST BETWEEN CHARACTERS AND BACKGROUND.
8. MOUNT ON WALL ADJACENT TO LATCH SIDE OF DOOR.
9. IF NO WALL SPACE IS AVAILABLE ADJACENT TO THE DOOR, THE SIGN SHALL BE MOUNTED ON THE NEAREST PERPENDICULAR WALL TO THE LATCH SIDE OF THE DOOR.

ACCESSIBLE RESTROOM SIGN DETAIL

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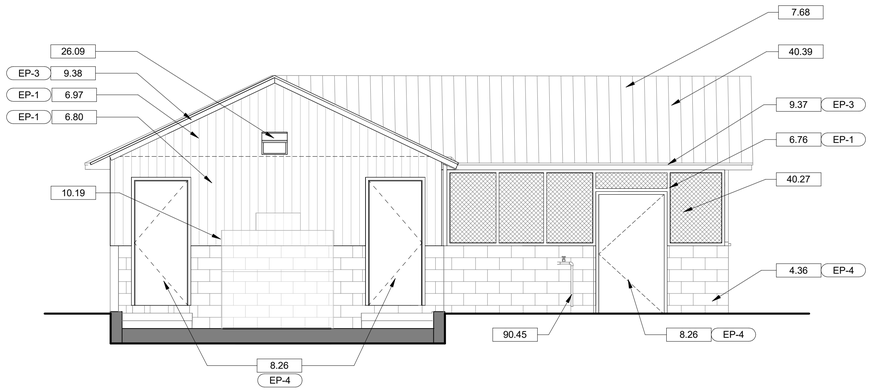
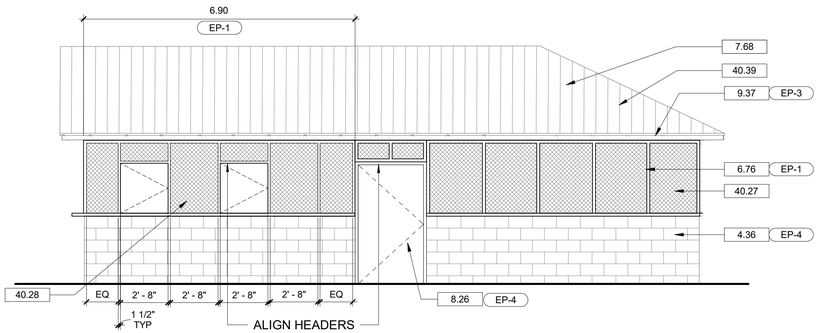
ENLARGED RESTROOM PLANS AND ACCESSORY SCHEDULE

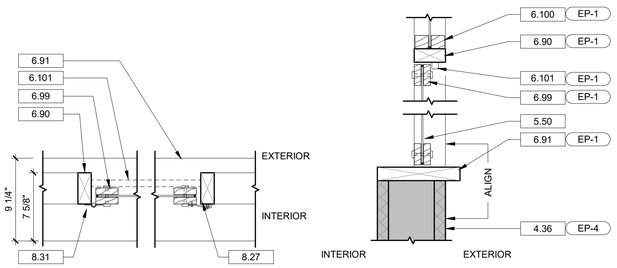
A3.01



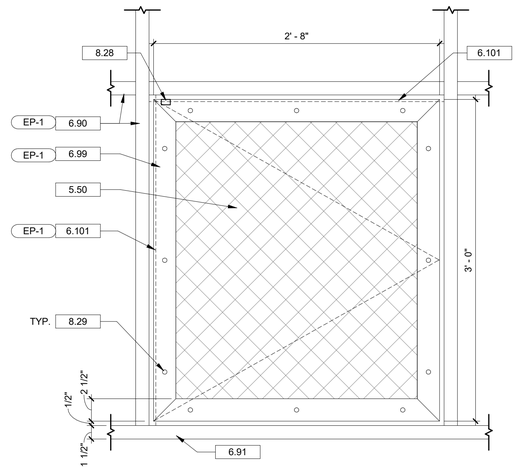
1 A4.01 BUILDING A - WEST ELEVATION
1/4" = 1'-0"



3 A4.01 BUILDING A - EAST ELEVATION
1/4" = 1'-0"

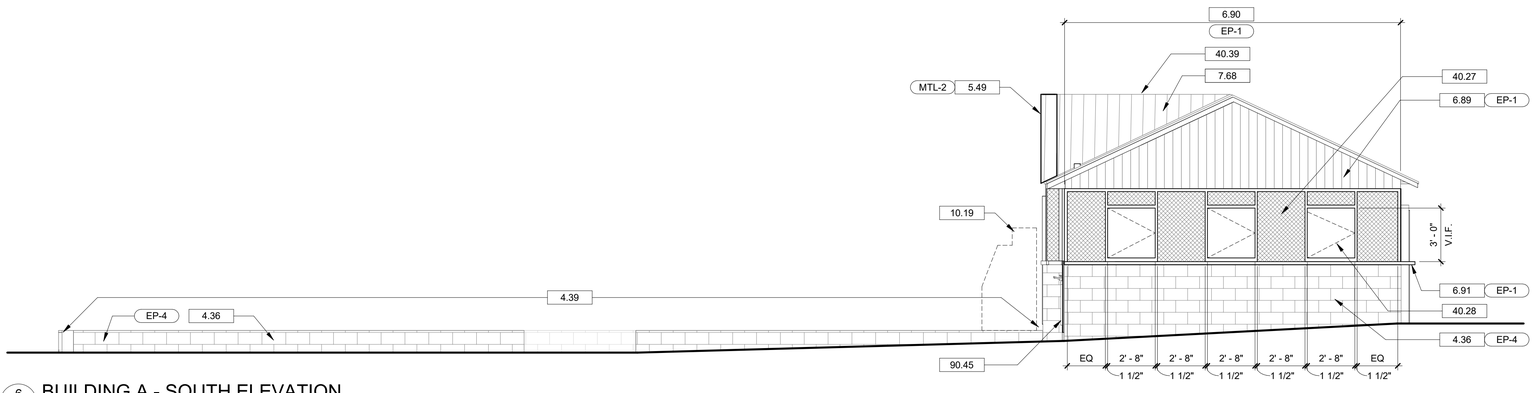


2 A4.01 CONCESSION WINDOW DETAILS
1 1/2" = 1'-0"



4 A4.01 WINDOW TYPE A - CONCESSION
1 1/2" = 1'-0"

NEW METAL SCREEN INFILL ATTACHMENT DETAIL
5 A4.01 1 1/2" = 1'-0"



6 A4.01 BUILDING A - SOUTH ELEVATION
1/4" = 1'-0"

EXTERIOR FINISH SCHEDULE
ALL 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	FIELD BRICK, SOLDIER COURSE, U.N.O.	
EP-1	SHERWIN WILLIAMS	SW 7531 'CANVAS TAN', SEMIGLOSS	EXTERIOR FIELD PAINT; LOCATION: BUILDING A - WOOD FRAMING, SILL, AND PLYWOOD SHEATHING;BUILDING H - FASCIA, CEMENTITIOUS TRIM, LOUVERS	
EP-2	SHERWIN WILLIAMS	SW 6074 'SPALDING GRAY', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS B,G&H - HOLLOW METAL DOORS AND FRAMES; BUILDING G - METAL RAILINGS	
EP-3	SHERWIN WILLIAMS	SW 7641 'COLONNADE GRAY', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS A & D - WOOD FASCIA AND GABLE ENDS, WOOD RAKE TRIM BOARDS; BUILDINGS C & D - DECORATIVE VERTICAL WOOD SCREENING BELOW STAGE; BUILDINGS G & E - POLIGON METAL FRAME	
EP-4	SHERWIN WILLIAMS	SW 7503 'STICKS & STONES', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS A & B - ALL CMU WALLS	
MTL-1	MCELROY METAL, INC	MAXIMA 1.5" PANEL; 24 GA STRIATED PROFILE, COLOR: ASH GRAY	STANDING SEAM METAL ROOF	
MTL-2	TBD	TBD	MATCH EXISTING METAL ROOF PROFILES; COLOR MATCH TO EXISTING; SUBMIT SAMPLES FOR APPROVAL	
ST-1	MINWAX	TBD	WOOD STAIN; BUILDINGS E AND G - EXISTING REFINISHED TONGUE AND GROOVE CEILING, 4X TRUSS, AND 6X6 CEDAR COLUMNS; BUILDING H - GROOVED PLYWOOD SOFFIT	
ST-2	MINWAX	TBD	WOOD STAIN: BUILDINGS C & D EXISTING STAGE DECK BOARD	

GENERAL EXTERIOR NOTES

A. PROVIDE CONCEALED BLOCKING BEHIND LOCATIONS OF ALL ATTACHED BUILDING SIGNAGE.

B. COORDINATE EXTERIOR ELEVATIONS WITH ELECTRICAL AND MECHANICAL DRAWINGS.

DRAWING NOTES

4.36 EXISTING CMU LOW WALL TO REMAIN. CLEAN AND PREPARE FOR NEW PAINT FINISH.
4.39 NEW 2" HIGH X 8"X16" SOLID CMU CAP AT TOP OF EXISTING CMU LOW WALL. TYPICAL AT PERIMETER OF PICNIC AREA.
5.49 NEW PREFINISHED METAL ROOF PANELS TO MATCH EXISTING PANEL PROFILE AND COLOR. PROVIDE NEW OUTRIGGER FRAMING PER STRUCTURAL DRAWINGS. PROVIDE NEW 1X PRESSURE TREATED RAKE BOARDS TO MATCH PROFILE OF EXISTING FASCIA BOARDS. SET NEW OVERHANG DEPTH TO ALIGN NEW RAKE BOARDS WITH EXISTING EAVE FASCIA.
5.50 NEW METAL SCREEN. BASIS OF DESIGN: MCNICHOLS, VINYLMESH, 2"X2" SQUARE TYPE, 11 GUAGE, GALVANIZED, PVC COATED. COLOR: BLACK.
6.76 EXISTING WOOD FRAME INFILL TO REMAIN EXCEPT WHERE NOTED. PROTECT DURING WORK. PAINT.
6.80 EXISTING WOOD SHEATHING TO REMAIN. RESECURE EDGES OF SHEATHING TO FRAMING. INSTALL NEW EXTERIOR PLYWOOD GROOVED PANELING BOARDS, PAINT.
6.89 EXISTING WOOD SHEATHING AT GABLE END ABOVE CONCESSION WINDOWS TO REMAIN. PROTECT DURING REPLACEMENT OF VERTICAL WOOD FRAME INFILL BELOW. INSTALL NEW EXTERIOR PLYWOOD GROOVED PANELING, PAINT.
6.90 NEW P.T. 2X WOOD FRAME WALL INFILL AND CONCESSIONS WINDOW FRAMING. MATCH EXISTING WOOD FRAMING PROFILE TO REMAIN. PAINT.
6.91 NEW P.T. 2X10 WOOD SILL AT TOP OF CMU BENEATH NEW WOOD INFILL AND CONCESSION WINDOW FRAMING. EXTEND WIDTH OVER EXTERIOR FACE OF MASONRY FOR SERVICE COUNTER. PAINT.
6.97 INSTALL PLYWOOD SHEATHING AT GABLE FRAMING TO MATCH EXISTING SHEATHING BELOW. INSTALL NEW EXTERIOR PLYWOOD GROOVED PANELING FINISH BOARDS, PAINT.
6.99 CUSTOM IN-SWING CONCESSION WINDOW. DOUBLE 1X3 PRESSURE TREATED WOOD FRAME WITH MITERED CORNER JOINTS. ATTACH WIRE MESH TO FRAME 1 AND SANDWICH THE MESH BETWEEN THE TWO FRAMES WITH BARREL & SCREW CONNECTION. PAINT.
6.100 2X2 PRESSURE TREATED WOOD STOP. PAINT.
6.101 1X1 PRESSURE TREATED WOOD STOP. PAINT.
7.68 EXISTING METAL ROOFING AND SHEATHING TO REMAIN.
8.26 NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE. PAINT.
8.27 NEW STAINLESS STEEL SLIDE BOLT LATCH. BASIS OF DESIGN: NATIONAL HARDWARE, SLIDELATCH-HD-SS-S
8.28 NEW MAGNETIC CATCH. PROVIDE ONE AT EACH CONCESSION WINDOW.
8.29 NEW STAINLESS STEEL BINDING BARREL AND SCREW. TYPICAL OF NINE PER FRAME.
8.31 NEW CONTINUOUS HINGE.
9.37 CLEAN AND PREPARE EXISTING WOOD RAKE TRIM BOARDS AT EXISTING GABLE AND FASCIA BOARDS AT EAVES FOR NEW PAINT FINISH. PAINT FINISH TO BE APPLIED ON ALL EXISTING SURFACES THAT HAVE EXISTING PAINT FINISH.
9.38 NEW WOOD RAKE TRIM BOARDS TO MATCH EXISTING FASCIA BOARDS. PAINT.
10.19 RELOCATED ICE BIN. CLEAN ALL SURFACES. REFER TO ELECTRICAL DRAWINGS FOR POWER PROVISION.
26.09 NEW WALLPACK. REFER TO ELECTRICAL DRAWINGS.
40.27 NEW PREFINISHED METAL SCREEN INFILL BETWEEN 2X4 WOOD FRAME. REFER TO METAL SCREEN INFILL ATTACHMENT DETAIL ON DRAWING A4.01.
40.28 NEW 2'-8" WIDE METAL MESH FRAMED CONCESSION WINDOW. CONFIRM WINDOW R.O. HEIGHT TO MATCH EXISTING DOOR HEAD.
40.39 SOFT WASH ALL SURFACES OF EXISTING METAL ROOF, COPINGS, AND FASCIA.
90.45 EXISTING WATER SERVICE. REFER TO PLUMBING DRAWINGS.

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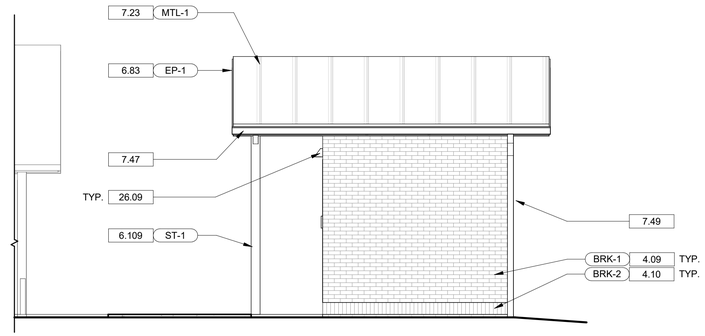
Revisions

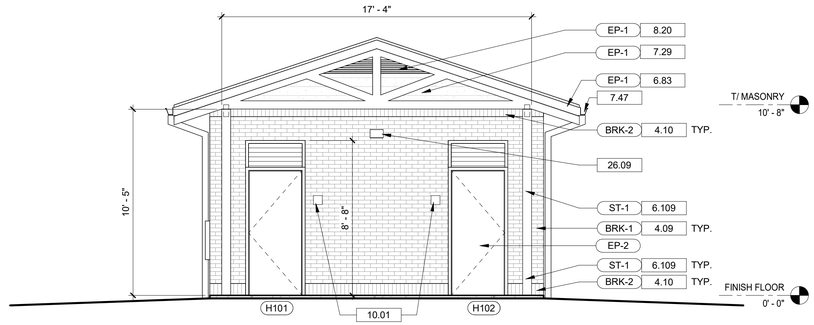
Drawing

BUILDING A - EXTERIOR ELEVATIONS AND DETAILS

A4.01



1 A4.02 BUILDING H - NORTH ELEVATION
1/4" = 1'-0"



2 A4.02 BUILDING H - EAST ELEVATION
1/4" = 1'-0"

3 A4.02 BUILDING H - SOUTH ELEVATION
1/4" = 1'-0"

4 A4.02 BUILDING H - WEST ELEVATION
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	FIELD BRICK, SOLDIER COURSE, U.N.O.	
EP-1	SHERWIN WILLIAMS	SW 7531 'CANVAS TAN', SEMIGLOSS	EXTERIOR FIELD PAINT; LOCATION: BUILDING A - WOOD FRAMING, SILL, AND PLYWOOD SHEATHING;BUILDING H - FASCIA, CEMENTITIOUS TRIM, LOUVERS	
EP-2	SHERWIN WILLIAMS	SW 6074 'SPALDING GRAY', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS B,G&H - HOLLOW METAL DOORS AND FRAMES; BUILDING G - METAL RAILINGS	
EP-3	SHERWIN WILLIAMS	SW 7641 'COLONNADE GRAY', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS A & D - WOOD FASCIA AND GABLE ENDS, WOOD RAKE TRIM BOARDS; BUILDINGS C & D - DECORATIVE VERTICAL WOOD SCREENING BELOW STAGE; BUILDINGS G & E - POLIGON METAL FRAME	
EP-4	SHERWIN WILLIAMS	SW 7503 'STICKS & STONES', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS A & B - ALL CMU WALLS	
MTL-1	MCELROY METAL, INC	MAXIMA 1.5" PANEL; 24 GA STRIATED PROFILE, COLOR: ASH GRAY	STANDING SEAM METAL ROOF	
MTL-2	TBD	TBD	MATCH EXISTING METAL ROOF PROFILES; COLOR MATCH TO EXISTING; SUBMIT SAMPLES FOR APPROVAL	
ST-1	MINWAX	TBD	WOOD STAIN; BUILDINGS E AND G - EXISTING REFINISHED TONGUE AND GROOVE CEILING, 4X TRUSS, AND 6X6 CEDAR COLUMNS; BUILDING H - GROOVED PLYWOOD SOFFIT	
ST-2	MINWAX	TBD	WOOD STAIN: BUILDINGS C & D EXISTING STAGE DECK BOARD	

GENERAL EXTERIOR NOTES

A. PROVIDE CONCEALED BLOCKING BEHIND LOCATIONS OF ALL ATTACHED BUILDING SIGNAGE.

B. COORDINATE EXTERIOR ELEVATIONS WITH ELECTRICAL AND MECHANICAL DRAWINGS.

DRAWING NOTES

4.09 BRICK VENEER. REFER TO WALL TYPES AND 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.
6.109 NEW 6X6 HEAVY TIMBER CEDAR POST. REFER TO STRUCTURAL. STAIN
7.23 PREFINISHED STANDING SEAM METAL ROOFING SYSTEM.
7.29 CEMENTITIOUS VERTICAL PANEL. PAINT.
7.47 NEW PREFINISHED METAL GUTTER.
7.49 NEW PREFINISHED METAL DOWNSPOUT. PROVIDE CONCRETE SPLASHBLOCK AT TERMINATION.
8.20 GABLE VENT. PAINT.
10.01 RESTROOM SIGN.
26.09 NEW WALLPACK. REFER TO ELECTRICAL DRAWINGS.
26.10 NEW ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.

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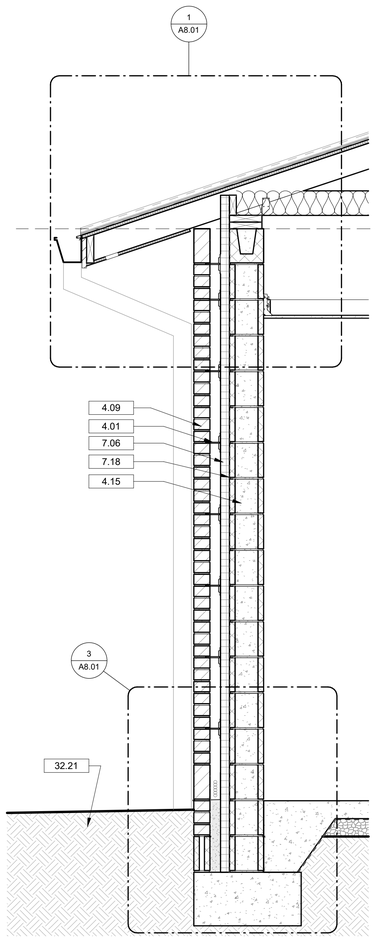
BUILDING H - EXTERIOR ELEVATIONS

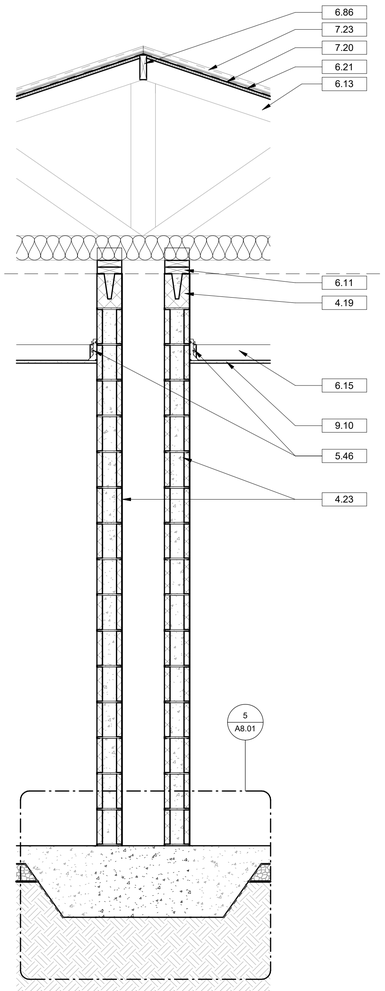
A4.02

DRAWING NOTES

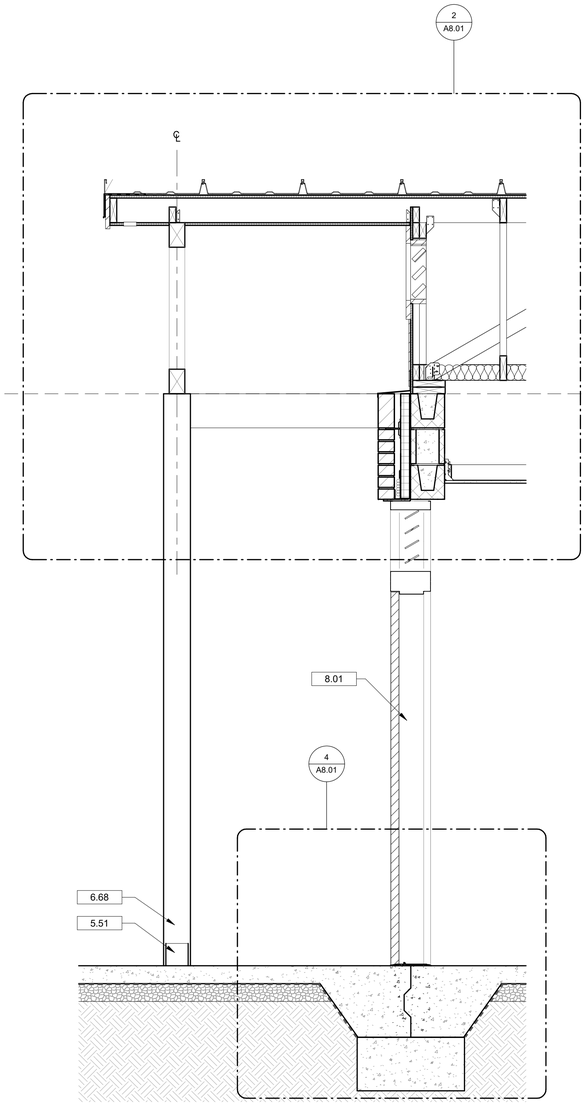
3.13	REINFORCED CONCRETE SLAB ON GRADE. REFER TO STRUCTURAL DRAWINGS.
3.14	COMPACTED STONE. REFER TO STRUCTURAL DRAWINGS.
3.15	COMPACTED FILL. REFER TO STRUCTURAL DRAWINGS.
3.17	CONCRETE FOOTING. REFER TO STRUCTURAL DRAWINGS FOR SIZE, TYPE OF REINFORCEMENT AND DEPTH.
4.01	MASONRY WALL TIE. REFER TO STRUCTURAL DRAWINGS FOR TYPE.
4.09	BRICK VENEER. REFER TO WALL TYPES AND 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.
4.19	CONCRETE MASONRY BOND BEAM. REFER TO STRUCTURAL DRAWINGS.
4.23	6 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT, RUNNING BOND.
5.46	U-SHAPED HANGER. REFER TO STRUCTURAL DRAWINGS.
5.51	CONNECTION BASE PLATE. REFER TO STRUCTURAL DRAWINGS.
6.11	2X PRESSURE TREATED WOOD NAILER.
6.13	PRE-ENGINEERED WOOD TRUSS. REFER TO STRUCTURAL DRAWINGS.
6.15	2X WOOD CEILING JOIST. REFER TO STRUCTURAL DRAWINGS.
6.21	5/8 INCH PLYWOOD SHEATHING.
6.68	6" X 6" CEDAR WOOD POST. STAIN.
6.86	2X WOOD BLOCKING BETWEEN TRUSSES. REFER TO STRUCTURAL DRAWINGS.
7.06	RIGID INSULATION. REFER TO WALL TYPE SCHEDULE FOR R VALUE.
7.18	AIR/MOISTURE BARRIER.
7.19	AIR BARRIER.
7.20	30 LB. ROOFING FELT.
7.23	PREFINISHED STANDING SEAM METAL ROOFING SYSTEM.
7.34	CEMENTITIOUS TRIM. PAINT.
7.43	METAL FLASHING.
7.44	THROUGH-WALL FLASHING AND WEEP.
8.01	HOLLOW METAL DOOR FRAME (WELDED). PAINT.
9.10	5/8 INCH GYPSUM WALL BOARD.
32.21	SLOPE GRADE AWAY FROM BUILDING.



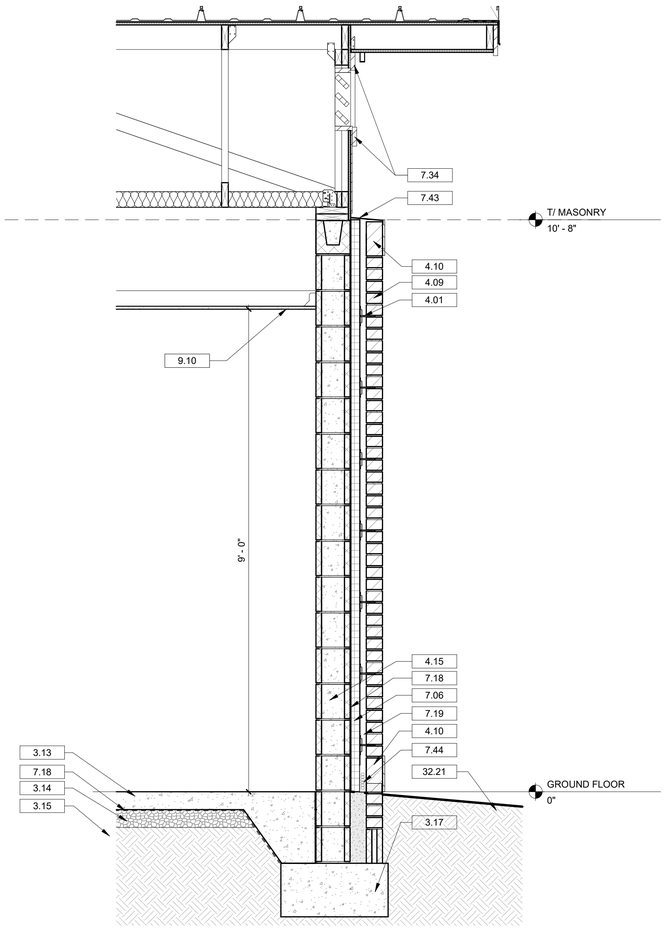
1 BUILDING H - WALL SECTION @ EAVE
A7.01 3/4" = 1'-0"



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



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



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

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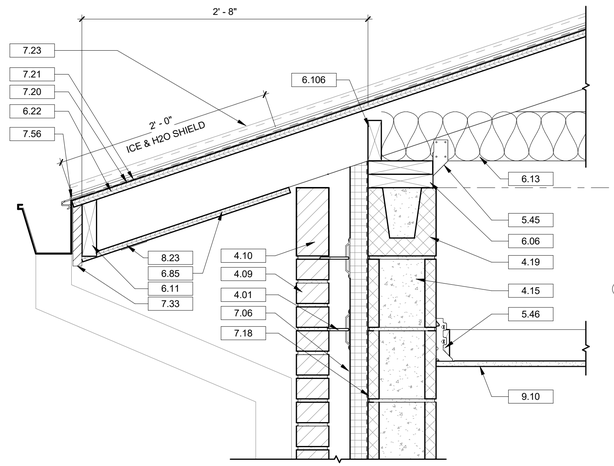
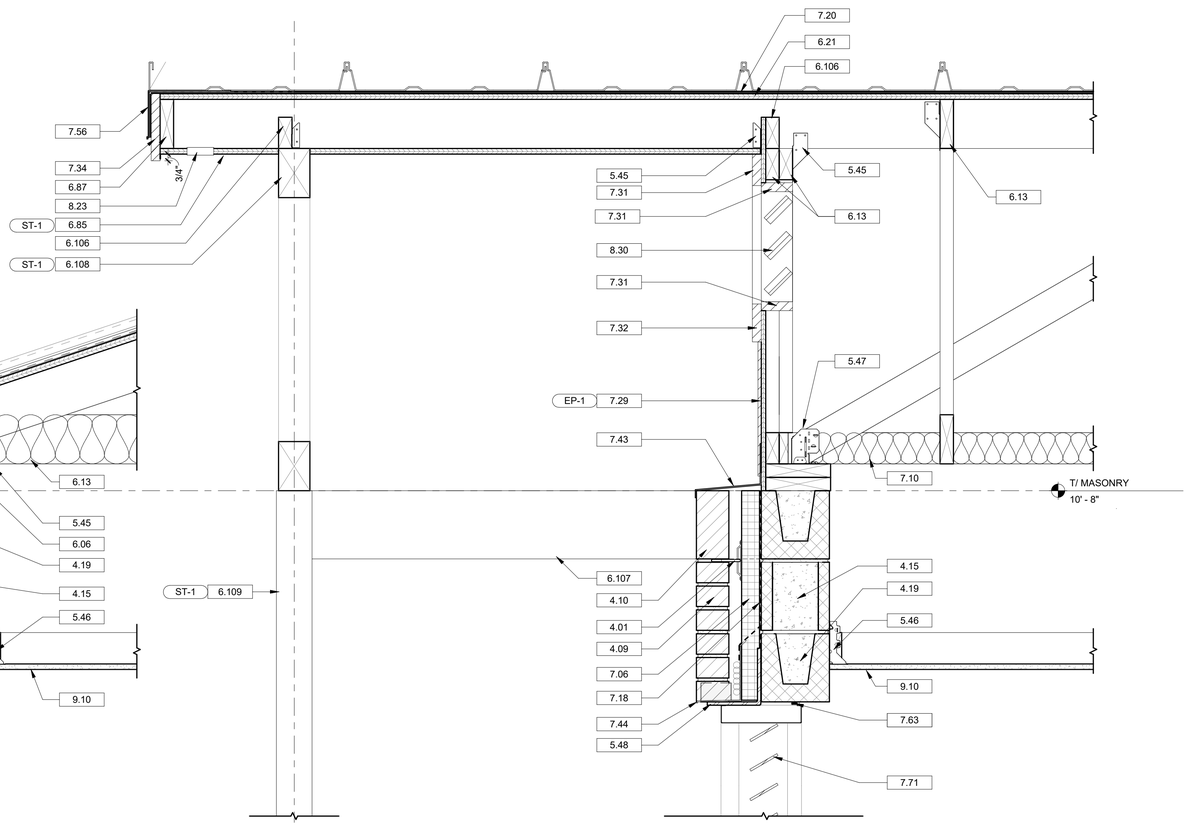
BUILDING H - WALL SECTIONS

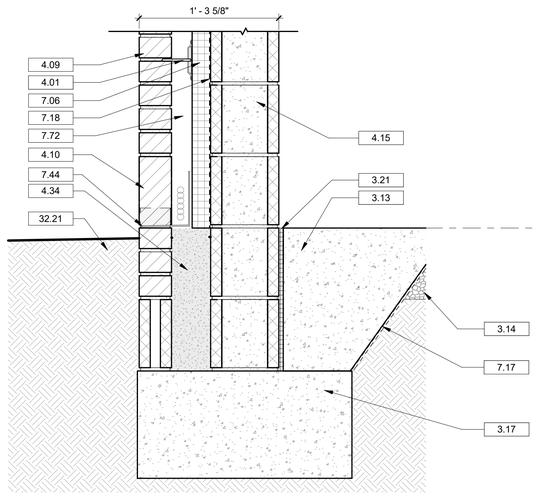
A7.01



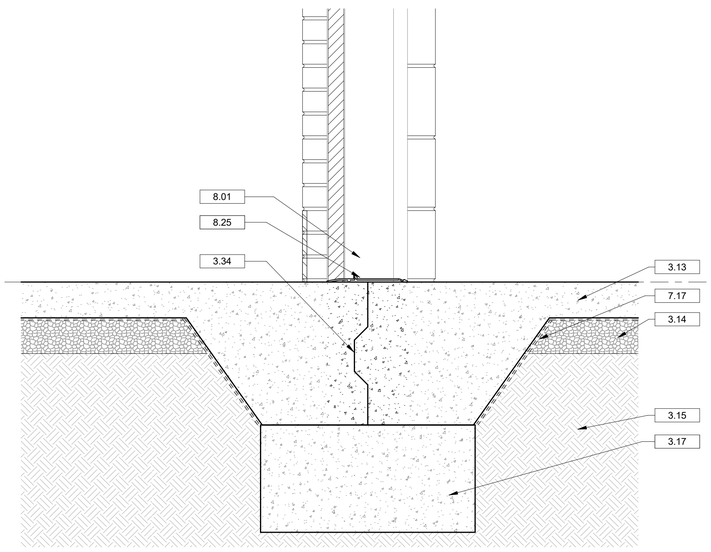
1 TYP EAVE
A8.01 1 1/2" = 1'-0"



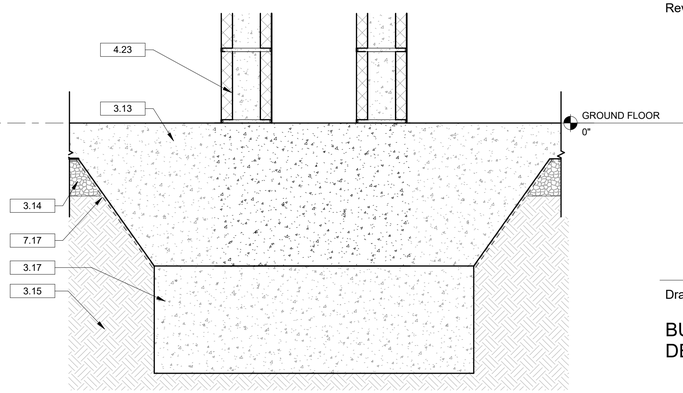
2 ENLARGED ROOF DETAIL
A8.01 1 1/2" = 1'-0"



3 TYP FOOTER
A8.01 1 1/2" = 1'-0"



4 TYP FOOTER AT DOOR
A8.01 1 1/2" = 1'-0"



5 TYP FOOTER AT DOUBLE WALL
A8.01 1 1/2" = 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.
3.21 EXPANSION JOINT.
3.34 KEYED CONSTRUCTION JOINT. REFER TO STRUCTURAL DRAWINGS.
4.01 MASONRY WALL TIE. REFER TO STRUCTURAL DRAWINGS FOR TYPE.
4.09 BRICK VENEER. REFER TO WALL TYPES AND 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.
4.19 CONCRETE MASONRY BOND BEAM. REFER TO STRUCTURAL DRAWINGS.
4.23 6 INCH X 8 INCH X 16 INCH CONCRETE MASONRY UNIT, RUNNING BOND.
4.34 GROUT CAVITY SOLID BELOW GRADE. REFER TO STRUCTURAL DRAWINGS.
5.45 JOIST HANGER. REFER TO STRUCTURAL DRAWINGS.
5.46 U-SHAPED HANGER. REFER TO STRUCTURAL DRAWINGS.
5.47 GABLE BRACE CONNECTOR. REFER TO STRUCTURAL DRAWINGS.
5.48 STEEL LINTEL. REFER TO STRUCTURAL DRAWINGS.
6.06 2 x 8 WOOD FRAMING AT 16 INCHES ON CENTER. UNLESS NOTED OTHERWISE.
6.11 2X PRESSURE TREATED WOOD NAILER.
6.13 PRE-ENGINEERED WOOD TRUSS. REFER TO STRUCTURAL DRAWINGS.
6.21 5/8 INCH PLYWOOD SHEATHING.
6.22 3/4 INCH PLYWOOD SHEATHING.
6.85 5/8 INCH GROOVED PLYWOOD SOFFIT, STAIN.
6.87 2X WOOD CEILING JOIST.
6.106 HOLD BLOCKING 2" BELOW SHEATHING FOR VENTILATION BETWEEN TRUSSES.
6.107 4X8 CEDAR BEAM. STAIN. REFER TO STRUCTURAL DRAWINGS.
6.108 PRE-ENGINEERED CEDAR TRUSS. STAIN. REFER TO STRUCTURAL DRAWINGS.
6.109 NEW 6X6 HEAVY TIMBER CEDAR POST. REFER TO STRUCTURAL. STAIN
7.06 RIGID INSULATION. REFER TO WALL TYPE SCHEDULE FOR R VALUE.
7.10 BATT INSULATION.
7.17 VAPOR RETARDER. REFER TO STRUCTURAL DRAWINGS.
7.18 AIR/MOISTURE BARRIER.
7.20 30 LB. ROOFING FELT.
7.21 ICE AND WATER SHIELD. INSTALL AT ALL EAVES AND PENETRATIONS.
7.23 PREFINISHED STANDING SEAM METAL ROOFING SYSTEM.
7.29 CEMENTITIOUS VERTICAL PANEL. PAINT.
7.31 CEMENTITIOUS TRIM 3 1/2 INCH. PAINT.
7.32 CEMENTITIOUS TRIM 5 1/2 INCH. PAINT.
7.33 CEMENTITIOUS TRIM 7 1/4 INCH. PAINT.
7.34 CEMENTITIOUS TRIM. PAINT.
7.43 METAL FLASHING.
7.44 THROUGH-WALL FLASHING AND WEEP.
7.56 METAL DRIP EDGE AT ROOF PERIMETER.
7.63 BACKER ROD WITH SEALANT.
7.71 OUTSIDE AIR LOUVER. REFER TO MECHANICAL DRAWINGS.
7.72 AIR SPACE WITH 12" HIGH MORTAR CAVITY MESH.
8.01 HOLLOW METAL DOOR FRAME (WELDED). PAINT.
8.23 SOFFIT VENT.
8.25 THRESHOLD, SET IN CONTINUOUS BED OF SEALANT.
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.
9.10 5/8 INCH GYPSUM WALL BOARD.
32.21 SLOPE GRADE AWAY FROM BUILDING.

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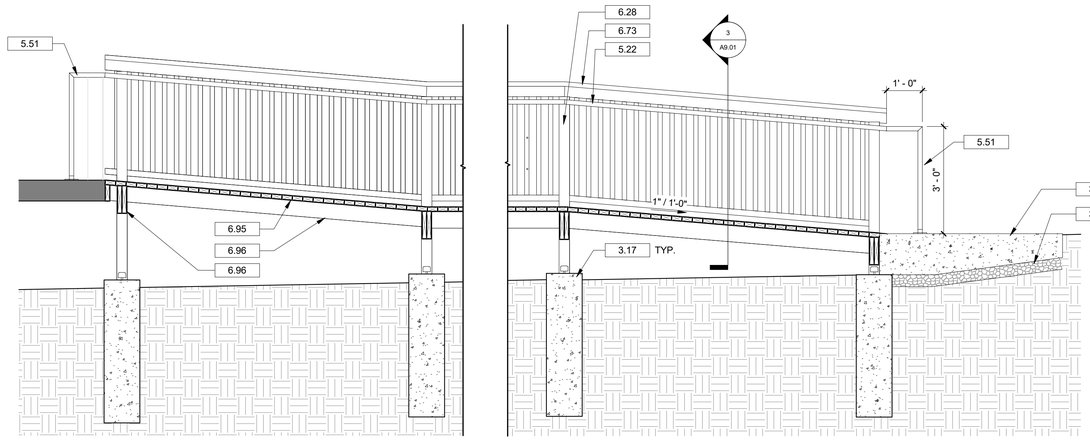
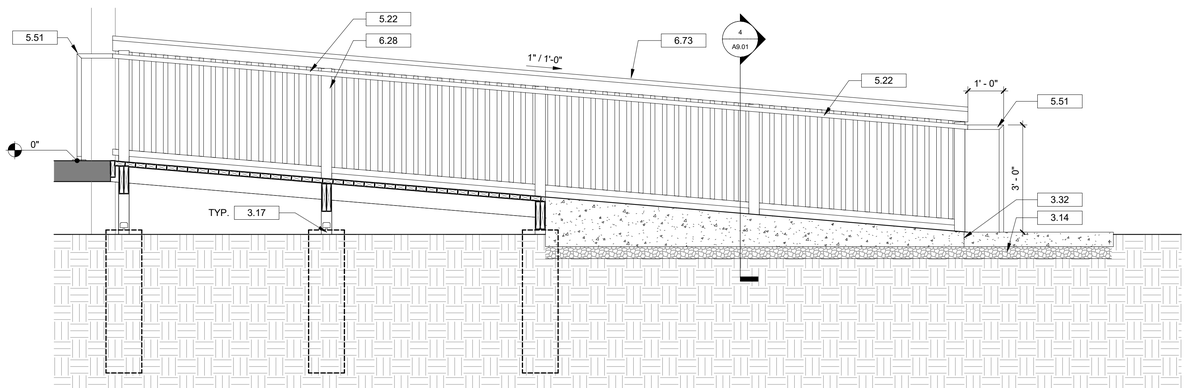
BUILDING H - DETAILS

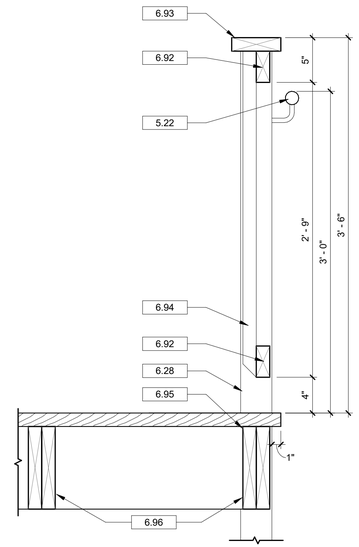
A8.01



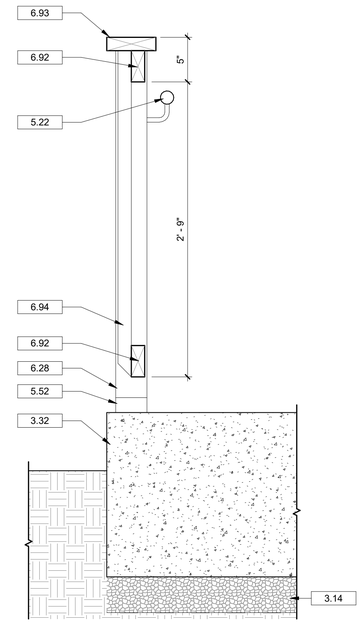
1 A9.01 BUILDING C - RAMP SECTION
1/2" = 1'-0"



2 A9.01 BUILDING D - RAMP SECTION
1/2" = 1'-0"



3 A9.01 HANDRAIL SECTION
1 1/2" = 1'-0"



4 A9.01 HANDRAIL SECTION ON CONCRETE
1 1/2" = 1'-0"

DRAWING NOTES

3.14 COMPACTED STONE. REFER TO STRUCTURAL DRAWINGS.
3.17 CONCRETE FOOTING. REFER TO STRUCTURAL DRAWINGS FOR SIZE, TYPE OF REINFORCEMENT AND DEPTH.
3.32 NEW CONCRETE LANDING. REFER TO STRUCTURAL AND CIVIL DRAWINGS
5.22 1-1/2" DIAMETER CONTINUOUS METAL HANDRAIL SECURED TO BRACKETS AT EACH POST.
5.51 CONNECTION BASE PLATE. REFER TO STRUCTURAL DRAWINGS.
5.52 EXTEND HANDRAIL 1' - 0" PAST BOTTOM/TOP OF RAMP SURFACE AND RETURN TO WALKING SURFACE. SECURE TO SURFACES WITH A METAL DECK FLANGE ANCHOR.
6.28 4 INCH X 4 INCH PRESSURE TREATED WOOD POST. MAX 6' SPACING. REFER TO FINISH SCHEDULE AND TO STRUCTURAL DRAWINGS.
6.73 WOOD RAILING. SEE SECTION.
6.92 2X4 PRESSURE TREATED WOOD RAILRUNNER. PREPARE FOR STAIN FINISH.
6.93 2X6 PRESSURE TREATED WOOD TOP RAIL. PREPARE FOR STAIN FINISH.
6.94 2X2 PRESSURE TREATED WOOD BALLUSTER. CUT 45 ANGLE AT BOTTOM. PREPARE FOR STAIN FINISH.
6.95 5/4 PRESSURE TREATED WOOD DECK BOARDS. PREPARE FOR STAIN FINISH.
6.96 DOUBLE 2X10 PRESSURE TREATED WOOD STRINGER. PREPARE FOR STAIN FINISH.

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BUILDING C & D - VERTICAL CIRCULATION PLANS & DETAILS

A9.01

DOOR SCHEDULE

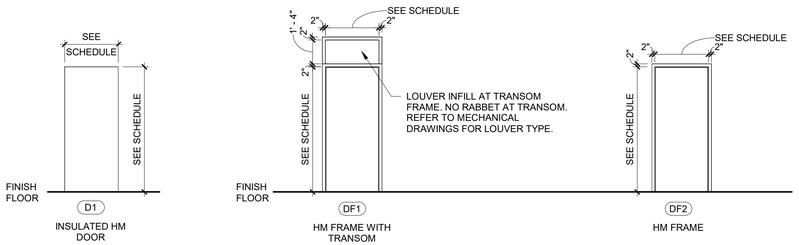
MARK	LOCATION	TYPE	DOOR HEIGHT	DOOR WIDTH	DOOR MATERIAL	HARDWARE SET	FRAME TYPE	FRAME MATERIAL	Comments
A101A	PICNIC AREA	D1	7' - 0"	3' - 0"	HM	2	DF2	HM	VERIFY ROUGH OPENING SIZE AND ATTACHMENT DETAIL IN FIELD PRIOR TO ORDERING DOOR. PROVIDE NEW PRESSURE TREATED JACK STUDS AND HEAD BOARD FOR ATTACHMENT OF DOOR FRAME.
A101B	CONCESSIONS	D1	6' - 8"	3' - 8"	HM	2	DF2	HM	VERIFY ROUGH OPENING SIZE AND ATTACHMENT DETAIL IN FIELD PRIOR TO ORDERING DOOR. PROVIDE NEW PRESSURE TREATED JACK STUDS AND HEAD BOARD FOR ATTACHMENT OF DOOR FRAME.
A101C	CONCESSIONS	D1	6' - 8"	3' - 8"	HM	2	DF2	HM	VERIFY ROUGH OPENING SIZE AND ATTACHMENT DETAIL IN FIELD PRIOR TO ORDERING DOOR. PROVIDE NEW PRESSURE TREATED JACK STUDS AND HEAD BOARD FOR ATTACHMENT OF DOOR FRAME.
A101D	CONCESSIONS	D1	7' - 0"	3' - 0"	HM	2	DF2	HM	VERIFY ROUGH OPENING SIZE AND ATTACHMENT DETAIL IN FIELD PRIOR TO ORDERING DOOR. PROVIDE NEW PRESSURE TREATED JACK STUDS AND HEAD BOARD FOR ATTACHMENT OF DOOR FRAME.
B101	STORAGE	EXISTING	6' - 8"	2' - 10"	EXISTING		EXISTING	EXISTING	EXISTING DOOR WITH NEW LOCK; NEW PAINT FINISH - DOOR AND FRAME
B102	UNISEX	EXISTING	6' - 8"	2' - 6"	EXISTING	3	EXISTING	EXISTING	EXISTING DOOR WITH NEW LOCK; NEW PAINT FINISH - DOOR AND FRAME
B103	UNISEX	EXISTING	6' - 8"	2' - 6"	EXISTING	3	EXISTING	EXISTING	EXISTING DOOR WITH NEW LOCK; NEW PAINT FINISH - DOOR AND FRAME
B104	MEN	EXISTING	6' - 8"	2' - 6"	EXISTING	3	EXISTING	EXISTING	EXISTING DOOR WITH NEW LOCK; NEW PAINT FINISH - DOOR AND FRAME
B105	WOMEN	EXISTING	6' - 8"	2' - 6"	EXISTING	3	EXISTING	EXISTING	EXISTING DOOR WITH NEW LOCK; NEW PAINT FINISH - DOOR AND FRAME
G101	WOMEN	EXISTING	6' - 8"	2' - 10"	EXISTING	3	EXISTING	EXISTING	EXISTING DOOR WITH NEW LOCK; NEW PAINT FINISH - DOOR AND FRAME
G102	MEN	EXISTING	6' - 8"	2' - 10"	EXISTING	3	EXISTING	EXISTING	EXISTING DOOR WITH NEW LOCK; NEW PAINT FINISH - DOOR AND FRAME
H101	UNISEX	D1	7' - 0"	3' - 0"	HM	1	DF1	HM	
H102	UNISEX	D1	7' - 0"	3' - 0"	HM	1	DF1	HM	

HARDWARE SCHEDULE

QUANTITY	ITEM
HARDWARE SET 1 - EXTERIOR RESTROOM - SINGLE	
1	CONTINUOUS HINGE
1	PROGRAMMABLE LOCKSET
1	CLOSER W/ HOLD OPEN
1	KICKPLATE
1	MOP PLATE
1	WALL STOP
1	THRESHOLD
1	WEATHERSTRIPPING
3	SILENCERS
HARDWARE SET 2 - INTERIOR CONCESSION	
1	CONTINUOUS HINGE
1	HEAVY DUTY PADLOCK HASP
1	DOOR PULL
1	STORM DOOR SPRING W/ CHAIN STOP
HARDWARE SET 3 - EXISTING RESTROOM - NEW LOCK	
1	NEW PROGRAMMABLE LOCKSET

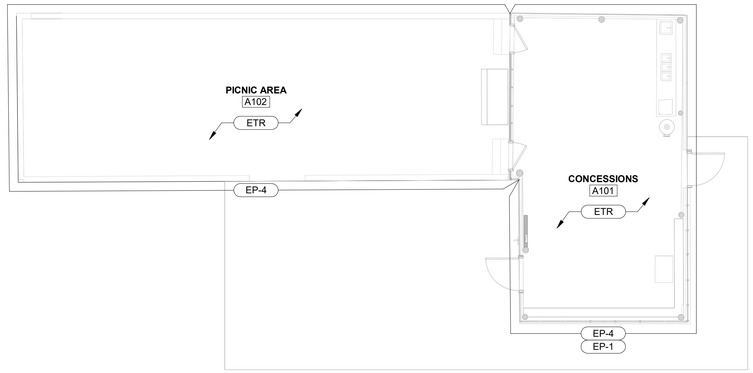
HARDWARE SCHEDULE NOTES

ITEM	MANUFACTURER
HARDWARE MANUFACTURERS (BASIS OF DESIGN) (FINISH 626)	
HINGES	VON DUPRIN
LOCKSETS / LATCHSETS	SCHLAGE
PROGRAMMABLE LOCKSET	CODE LOCKS - CL5510 SMARTLOCK
CLOSERS	LCN
KICKPLATE	IVES
MOP PLATE	IVES
DOOR STOPS	IVES
THRESHOLD	ZERO INTERNATIONAL
WEATHERSTRIPPING	ZERO INTERNATIONAL
SILENCERS	IVES



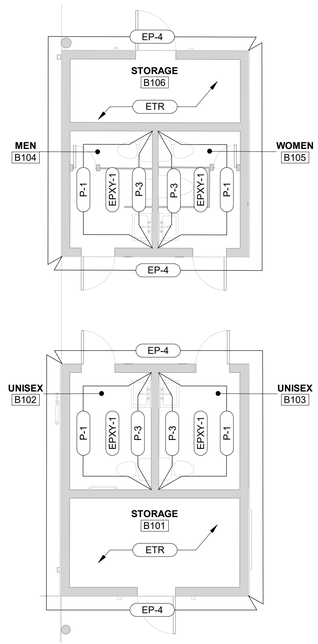
DOOR TYPE LEGEND

FRAME TYPE LEGEND

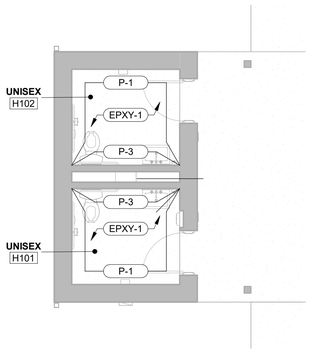


EXISTING EXTERIOR CMU TO BE PAINTED EP-4
EXISTING EXTERIOR WOOD FRAMING AND BOARD TO BE PAINTED EP-1

1 A10.01 BUILDING A - FINISH PLAN
1/8" = 1'-0"



2 A10.01 BUILDING B - FINISH PLAN
3/16" = 1'-0"



3 A10.01 BUILDING H - FINISH PLAN
3/16" = 1'-0"

FINISH SCHEDULE

ALL FINISHES SHALL BE SUBMITTED FOR APPROVAL PRIOR TO ORDERING.

TAG	MANUFACTURER	STYLE	DESCRIPTION
BRK-1	PALMETTO BRICK	GRAYSTONE 1.25	FIELD BRICK, RUNNING BOND, U.N.O.
BRK-2	PALMETTO BRICK	GRAYSTONE 1.25	FIELD BRICK, SOLDIER COURSE, U.N.O.
EP-1	SHERWIN WILLIAMS	SW 7531 'CANVAS TAN', SEMIGLOSS	EXTERIOR FIELD PAINT; LOCATION: BUILDING A - WOOD FRAMING, SILL, AND PLYWOOD SHEATHING;BUILDING H - FASCIA, CEMENTITIOUS TRIM, LOUVERS
EP-2	SHERWIN WILLIAMS	SW 6074 'SPALDING GRAY', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS B,G&H - HOLLOW METAL DOORS AND FRAMES; BUILDING G - METAL RAILINGS
EP-3	SHERWIN WILLIAMS	SW 7641 'COLONNADE GRAY', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS A & D - WOOD FASCIA AND GABLE ENDS, WOOD RAKE TRIM BOARDS; BUILDINGS C & D - DECORATIVE VERTICAL WOOD SCREENING BELOW STAGE; BUILDINGS G & E - POLIGON METAL FRAME
EP-4	SHERWIN WILLIAMS	SW 7503 'STICKS & STONES', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS A & B - ALL CMU WALLS
EP-5	SHERWIN WILLIAMS	SW 6321 'RED BAY', SEMIGLOSS	EXTERIOR ACCENT PAINT; LOCATION: BUILDINGS C&D - WOOD SCREEN BACK ACCENT WALLS
EPXY-1	SHERWIN WILLIAMS	ARMORSEAL 8100 WATERBASED EPOXY FLOOR COATING CLEAR SATIN, B70T08164/B70V8100 NOTE: 2 COATS NOTE 2: CLEAN AND FILL FLOOR JOINTS WITH A TWO-PART EPOXY FLOOR JOINT FILLER.	EPOXY COATING
MTL-1	MCELROY METAL, INC	MAXIMA 1.5" PANEL; 24 GA STRIATED PROFILE, COLOR: ASH GRAY	STANDING SEAM METAL ROOF
MTL-2	TBD	TBD	MATCH EXISTING METAL ROOF PROFILES; COLOR MATCH TO EXISTING; SUBMIT SAMPLES FOR APPROVAL
P-1	SHERWIN WILLIAMS	SW 7531 CANVAS TAN FINISH: EG-SHEL FINISH (GYPSUM BOARD WALLS), 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. SEAL WITH SILOXANE SEALER.	INTERIOR FIELD PAINT
P-2	SHERWIN WILLIAMS	SW 7757 'HIGH REFLECTIVE WHITE' FINISH: FLAT	INTERIOR CEILING PAINT
P-3	SHERWIN WILLIAMS	SW 9057 'AQUITAINE' FINISH: EG-SHEL FINISH (GYPSUM BOARD WALLS), 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. SEAL WITH SILOXANE SEALER.	INTERIOR ACCENT PAINT; LOCATION: BUILDINGS B&H
ST-1	MINWAX	TBD	WOOD STAIN; BUILDINGS E AND G - EXISTING REFINISHED TONGUE AND GROOVE CEILING, 4X TRUSS, AND 6X6 CEDAR COLUMNS; BUILDING H - GROOVED PLYWOOD SOFFIT
ST-2	MINWAX	TBD	WOOD STAIN: BUILDINGS C & D EXISTING STAGE DECK BOARD

ROOM FINISH SCHEDULE

NUMBER	NAME	FLOOR FINISH	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING
A101	CONCESSIONS	EPXY-1	ETR	ETR	ETR	ETR	ETR
A102	PICNIC AREA	ETR	ETR	ETR	ETR	ETR	ETR
B101	STORAGE	ETR	ETR	ETR	ETR	ETR	P-2
B102	UNISEX	EPXY-1	P-1	P-3	P-1	P-1	P-2
B103	UNISEX	EPXY-1	P-1	P-1	P-1	P-3	P-2
B104	MEN	EPXY-1	P-1	P-3	P-1	P-1	P-2
B105	WOMEN	EPXY-1	P-1	P-1	P-1	P-3	P-2
B106	STORAGE	ETR	ETR	ETR	ETR	ETR	P-2
C100	BANDSTAND	ST-2	ETR	ETR	ETR	ETR	ETR
D100	STAGE	ST-2	ETR	ETR	ETR	ETR	ETR
E100	PICNIC SHELTER	ETR	EP-4	EP-4	EP-4	EP-4	ST-1 / EP-4
G100	GAZEBO	ETR/CLEAN	ETR / EP-3	ETR / EP-3	ETR / EP-3	ETR / EP-3	ST-1
G101	WOMEN	ETR/CLEAN	ETR	ETR	ETR	ETR	ETR
G102	MEN	ETR/CLEAN	ETR	ETR	ETR	ETR	ETR
H101	UNISEX	EPXY-1	P-3	P-1	P-1	P-1	P-2
H102	UNISEX	EPXY-1	P-1	P-1	P-3	P-1	P-2

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 DIAGRAMS 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 CMU, HARDIE BOARD & TRIM, AND METAL SURFACES SHALL RECEIVE A FINISH, WHETHER NOTED OR NOT. ITEMS NOT NOTED WILL BE SELECTED BY THE ARCHITECT DURING CONSTRUCTION. EXISTING AND NEW BRICK TO BE CLEANED.

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.

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

AIR DISTRIBUTION
- (1) FULL CARTON OF EACH FILTER SIZE AND TYPE

LIGHTING
- (2) EACH TYPE OF LAMP

Seal

STATE OF SOUTH CAROLINA
DP3 ARCHITECTS LTD.
GREENVILLE, SC
B - 84017
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS WISE
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27 JUNE 2023

DP3 ARCHITECTS

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Greenville, SC 29601
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www.DP3architects.com

Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

Project Number	23236
Drawn By	LTG
Checked By	RHW
Date	30 APR 2025

Revisions

Drawing

DOOR, HARDWARE, AND FINISH LEGENDS & SCHEDULES

A10.01

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 COMPONENTS 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

D. DESIGN WIND LOADS:
1. BASIC WIND SPEED: V_{ULT} 113 MPH (3-SEC GUST)
2. BASIC WIND SPEED: V_{ASD} 86 MPH (3-SEC GUST)
3. RISK CATEGORY: II
4. WIND EXPOSURE: B
5. INTERNAL PRESSURE COEFF: GC_{PI} ±0.18
6. COMPONENTS & CLADDING WIND PRESSURES (ULTIMATE):
BUILDING H:

Ultimate Design Wind Pressure (psf):

			Effective Wind Area (sq ft)					
Walls:			10	20	50	100	200	500
Interior	Zone 4	+	18.8	18.0	16.9	16.0	16.0	16.0
		-	-20.4	-19.6	-18.5	-17.6	-16.8	-16.0
Edge	Zone 5	+	18.8	18.0	16.9	16.0	16.0	16.0
		-	-25.2	-23.5	-21.3	-19.6	-17.9	-16.0
Roof:			10	20	50	100	200	500
Interior	Zone 1	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-26.8	-26.8	-23.0	-20.2	-17.3	-16.0
Edge	Zone 2r	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-42.8	-37.5	-30.5	-25.1	-22.0	-22.0
Edge	Zone 2e	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-26.8	-26.8	-23.0	-20.2	-17.3	-16.0
Edge	Zone 2n	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-42.8	-37.5	-30.5	-25.1	-22.0	-22.0
Corner	Zone 3r	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-42.8	-37.5	-30.5	-25.1	-22.0	-22.0
Corner	Zone 3e	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-49.9	-42.0	-31.6	-31.6	-31.6	-31.6
Overhang:			10	20	50	100	200	500
Edge	Zone 2r	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-47.9	-44.6	-40.3	-37.0	-35.1	-35.1
Edge	Zone 2e	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-31.9	-31.9	-30.9	-30.0	-29.2	-28.7
Edge	Zone 2n	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-47.9	-44.6	-40.3	-37.0	-35.1	-35.1
Corner	Zone 3r	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-60.4	-52.6	-42.3	-34.6	-30.0	-30.0
Corner	Zone 3e	+	16.0	16.0	16.0	16.0	16.0	16.0
		-	-64.0	-53.5	-39.6	-39.6	-39.6	-39.6

WIDTH OF ZONE, a = 3.0 FT

E. SEISMIC LOADS:
1. RISK CATEGORY: II
2. SEISMIC IMPORTANCE FACTOR: I_E 1.0
3. SHORT PERIOD SPECTRAL RESPONSE ACCELERATION: S_S 0.338 g
4. 1-SEC PERIOD SPECTRAL RESPONSE ACCELERATION: S_1 0.106 g
5. SITE CLASS: D (ASSUMED)
6. SHORT PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION: S_{DS} 0.345 g
7. 1-SEC PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION: S_{D1} 0.169 g
8. SEISMIC DESIGN CATEGORY: C
9. BASIC SEISMIC-FORCE RESISTING SYSTEM: INTERMEDIATE REINFORCED MASONRY SHEAR-WALL (BLDG H)
10. SEISMIC RESPONSE COEFFICIENT: C_S 0.10
11. RESPONSE MODIFICATION FACTOR: R 3.5
12. ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

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. BOLTED 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 BETWEEN 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 FOUNDATION 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 STANDING WATER.
H. CENTER ALL FOUNDATIONS ON WALLS AND/OR COLUMNS, UNLESS NOTED OTHERWISE.
I. DETERMINE THE EXTENT OF CONSTRUCTION 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. BACKFILL BEHIND RETAINING WALLS WITH AN ENGINEERED FILL CONSISTING OF CLEAN COARSE SAND. 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. 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)
F. 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 UNESS NOTED OTHERWISE. LAP WWR ONE CROSSWIRE 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: 3"
b. EXPOSED TO EARTH/WEATHER: #6 THRU #18 2"
c. EXPOSED TO EARTH/WEATHER: #5 & SMALLER 1 1/2"
d. SLABS, WALLS, JOISTS: #14 & #18 1 1/2"
e. SLABS, WALLS, JOISTS: #11 & SMALLER 3/4"
f. BEAMS, COLUMNS: 1 1/2"
g. SHELLS FOLDED PLATE MEMBERS: #6 & LARGER 1 1/2"
h. SHELLS FOLDED PLATE MEMBERS: #5 & SMALLER 3/4"
6. INSTALL DOWELS TO MATCH REINFORCEMENT SIZE AND SPACING INDICATED, UNLESS NOTED OTHERWISE.
G. 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.
H. TEMPORARILY BRACE CONCRETE WALLS AGAINST EARTH PRESSURE AND OTHER FORCES UNTIL FLOOR SLABS AND PERMANENT SUPPORTS ARE IN PLACE AND HAVE ATTAINED REQUIRED STRENGTHS.
I. DO NOT USE HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS UNLESS SHOWN ON THE DRAWINGS. THE ENGINEER MUST APPROVE ALL DEVIATIONS OR ADDITIONAL JOINTS IN WRITING.
J. CAST SLABS AND BEAMS/JOISTS MONOLITHICALLY UNLESS NOTED OTHERWISE.
K. CHAMFER ALL PERMANENTLY EXPOSED CONCRETE EDGES 3/4 INCH, UNLESS NOTED OTHERWISE.
L. 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.
M. SLOPE CONCRETE SLABS TO FLOOR DRAINS SHOWN ON MECHANICAL, PLUMBING, CIVIL, AND ARCHITECTURAL DRAWINGS.
N. BOND NEW CONCRETE TO HARDENED CONCRETE WITH A STRUCTURAL ADHESIVE BONDING AGENT PER ASTM C1059. INSTALL PER THE MANUFACTURER'S INSTRUCTIONS.
O. NO HOLES OR OPENINGS THROUGH FOUNDATION WALLS AND/OR FOOTINGS WITHOUT ENGINEER'S APPROVAL.
P. 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 120 PCF MAX
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 (F'M) 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 (F'M).
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 9 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 LINTELS 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.
1. FACTORY MARK EACH PIECE WITH GRADING AGENCY GRADE STAMP.
b. MAXIMUM MOISTURE CONTENT: 19%
c. PROTECT MATERIALS FROM WEATHER.
d. SORT AND SELECT LUMBER SO NATURAL CHARACTERISTICS DO NOT INTERFERE WITH INSTALLATION OR FASTENING.
e. 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 (P.T.):
a. PRESERVATIVE TREATMENT PROCESS: AWPA U1
1. CATEGORY UC2 FOR INTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND.
2. CATEGORY UC3b FOR EXTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND.
3. CATEGORY UC4a FOR ITEMS IN CONTACT WITH GROUND.
4. 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
2. EXTERIOR WALLS: SOUTHERN PINE NO 2 OR BETTER, SPIB
3. INTERIOR LOAD BEARING WALLS: SOUTHERN PINE NO 2 OR BETTER, SPIB
4. PERMANENTLY EXPOSED TO THE EXTERIOR: ALASKAN CEDAR NO 2 OR BETTER

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. WALL CONSTRUCTION:
1. UNLESS NOTED OTHERWISE USE SINGLE BOTTOM PLATE AND DOUBLE TOP PLATES USING 2x MEMBERS WITH WIDTHS EQUAL TO THE WALL STUDS. FASTEN PLATES TO SUPPORTING CONSTRUCTION. SPLICE TOP PLATES WITHIN THE CENTER THIRD OF THE TOTAL WALL LENGTH WITH A 4 FOOT MINIMUM LAP, UNLESS NOTED OTHERWISE.
2. EXTERIOR WALLS: 2x6 STUDS AT 16 INCHES OC MAX SPACING, UNLESS NOTED OTHERWISE
3. INTERIOR WALLS: 2x6 STUDS AT 16 INCHES OC MAX SPACING, UNLESS NOTED OTHERWISE
4. INSTALL HORIZONTAL BLOCKING AT WALL MIDHEIGHT. BLOCKING IS 2x MEMBERS WITH WIDTHS EQUAL TO THE STUDS.
5. CONSTRUCT CORNERS AND INTERSECTIONS WITH THREE OR MORE STUDS.
6. FRAME WALL OPENINGS WITH MULTIPLE JAMBS STUDS AND HEADERS AS INDICATED. INSTALL HEADER MEMBERS WITH THICKNESS EQUAL TO WIDTH OF THE WALL STUDS.

F. 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 BEAMS, GIRDERS, OR PARTITIONS NOT LESS THAN 4 INCHES OR SECURELY TIE 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 96 INCH OC MAX SPACING BETWEEN FLOOR JOISTS.
6. INSTALL FULL DEPTH 2x BLOCKING AT 72 INCH OC MAX SPACING BETWEEN ROOF JOISTS/RAFTERS.

WOOD SHEATHING

A. GENERAL:
1. WOOD SHEATHING REFERS TO WOOD STRUCTURAL PANELS, OF EITHER PLYWOOD OR ORIENTED STRAND BOARD (OSB).
2. WOOD SHEATHING IS APA-RATED SHEATHING, COMPLYING 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.
4. APPLY WHERE INDICATED.

C. WALL SHEATHING:
1. SPAN RATING: NOT LESS THAN 32/16
2. NOMINAL THICKNESS: NOT LESS THAN 1/2 INCH
3. EXPOSURE AND DURABILITY CLASSIFICATION: EXPOSURE 1
4. FASTENING METHOD, UNLESS NOTED OTHERWISE:
a. FASTENERS: 10d RING SHANK NAILS
b. BOUNDARY EDGE SPACING: 6 INCHES OC
c. PANEL EDGE SPACING: 6 INCHES OC
d. FIELD SPACING: 12 INCHES OC

D. 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

E. 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.

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Seal

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 40618 MICHAEL GENNARO 04/30/2025

SOUTH CAROLINA Britt, Peters & Associates, Inc. No. C00781 CERTIFICATE OF AUTHORIZATION

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Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

Project Number	23236
Drawn By	MEW
Checked By	MCG
Date	30 APR 2025

Revisions

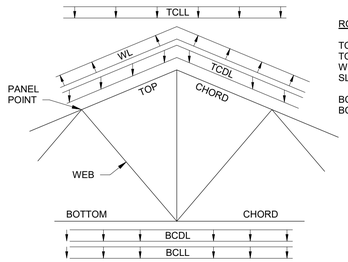
Drawing

GENERAL NOTES

S0.00

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 (INTERIOR) AND ALASKAN CEDAR NO 2 OR BETTER (EXTERIOR)
   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 A666 STAINLESS STEEL
F. REFERENCE ROUGH CARPENTRY NOTES FOR WOOD-PRESERVATIVE-TREATED LUMBER [AND FIRE-RETARDANT-TREATMENT LUMBER CRITERIA.
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.



ROOF TRUSS DESIGN CRITERIA

TCDL = 10 PSF
TCLL = ROOF LIVE LOAD PER DESIGN CRITERIA
WL = WIND LOAD PER DESIGN CRITERIA
SL = SNOW LOAD (INCLUDING DRIFT) PER DESIGN CRITERIA
BCDL = 10 PSF
BCLL = 10 PSF

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. MASONRY PRODUCT DATA
   5. GROUT PRODUCT DATA
   6. 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.

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Seal

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 40618 04/30/2025 MICHAEL GENNARO

SOUTH CAROLINA Britt, Peters & Associates, Inc. No. C00781 CERTIFICATE OF AUTHORIZATION

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Project

historic Little Mountain

NEWBERRY COUNTY REUNION PARK IMPROVEMENTS

Project Number	23236
Drawn By	MEW
Checked By	MCG
Date	30 APR 2025

Revisions

Drawing

GENERAL NOTES

S0.01

CHECK IF REQ'D	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD / NOTES	IBC REFERENCE
		CONTINUOUS	PERIODIC		
X	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				
X	1. VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) OF SELF-CONSOLIDATING GROUT AS DELIVERED TO THE PROJECT	-	X		
X	2. VERIFICATION OF F'M AND F'AAC PRIOR TO CONSTRUCTION	-	X		
	MINIMUM SPECIAL INSPECTION				
X	1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS	-	X		
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		
	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	-		
X	3. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
	A. GROUT SPACE	-	X		
	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		
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		
	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	-		
X	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
X	1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X		
X	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X		
X	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X		
X	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	-		
X	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				
	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				
	A. INSPECT WOOD STRUCTURAL PANEL SHEATHING FOR CONFORMANCE TO GRADE AND THICKNESS AS SHOWN ON APPROVED CONSTRUCTION DOCUMENTS	-	X		1705.5.1
	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				
X	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
	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
	4. INSPECTION OF ANCHORAGE AND CONNECTIONS OF MASS TIMBER CONSTRUCTION TO TIMBER DEEP FOUNDATION SYSTEMS	-	X		1705.5.3
	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				
X	1. VERIFY USE OF PROPER INSTALLATION EQUIPMENT	-	X		1705.5.3
X	2. VERIFY USE OF PRE-DRILLED HOLES WHERE REQUIRED	-	X		1705.5.3
X	3. INSPECT SCREWS, INCLUDING: DIAMETER, LENGTH, HEAD TYPE, SPACING, INSTALLATION ANGLE, AND DEPTH	-	X		1705.5.3
	B. ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATION TO RESIST SUSTAINED TENSION LOADS	X	-		1705.5.3
	C. ADHESIVE ANCHORS NOT DEFINED IN B	-	X		1705.5.3
X	D. BOLTED CONNECTIONS	-	X		1705.5.3
	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
X	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:				
	A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	-	X	AWS 1.4, ACI 318: 26.6.4	-
	B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	-	X		
	C. INSPECT ALL OTHER WELDS	X	-		
X	3. INSPECT ANCHORS CAST IN CONCRETE	-	X	ACI 318: 26.7.2	-
	4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS			NOTE b	
X	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	
X	5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2
X	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	-
X	7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	-	ACI 318: 26.5	1908.1
X	8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	-	X	ACI 318: 26.5.3 - 26.5.5	-
	9. INSPECT PRESTRESSED CONCRETE FOR:				
	A. APPLICATION OF PRESTRESSING FORCES; AND	X	-	ACI 318: 26.10	-
	B. GROUTING OF BONDED PRESTRESSING TENDONS	X	-		-
	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	-		-
	C. COMPLETION OF CONNECTIONS IN THE FIELD	X	-		-
	12. INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5	-	X	ACI 318: 26.13.13	-
	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	-
X	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 PROFESSION 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

historic Little Mountain

NEWBERRY COUNTY REUNION PARK IMPROVEMENTS

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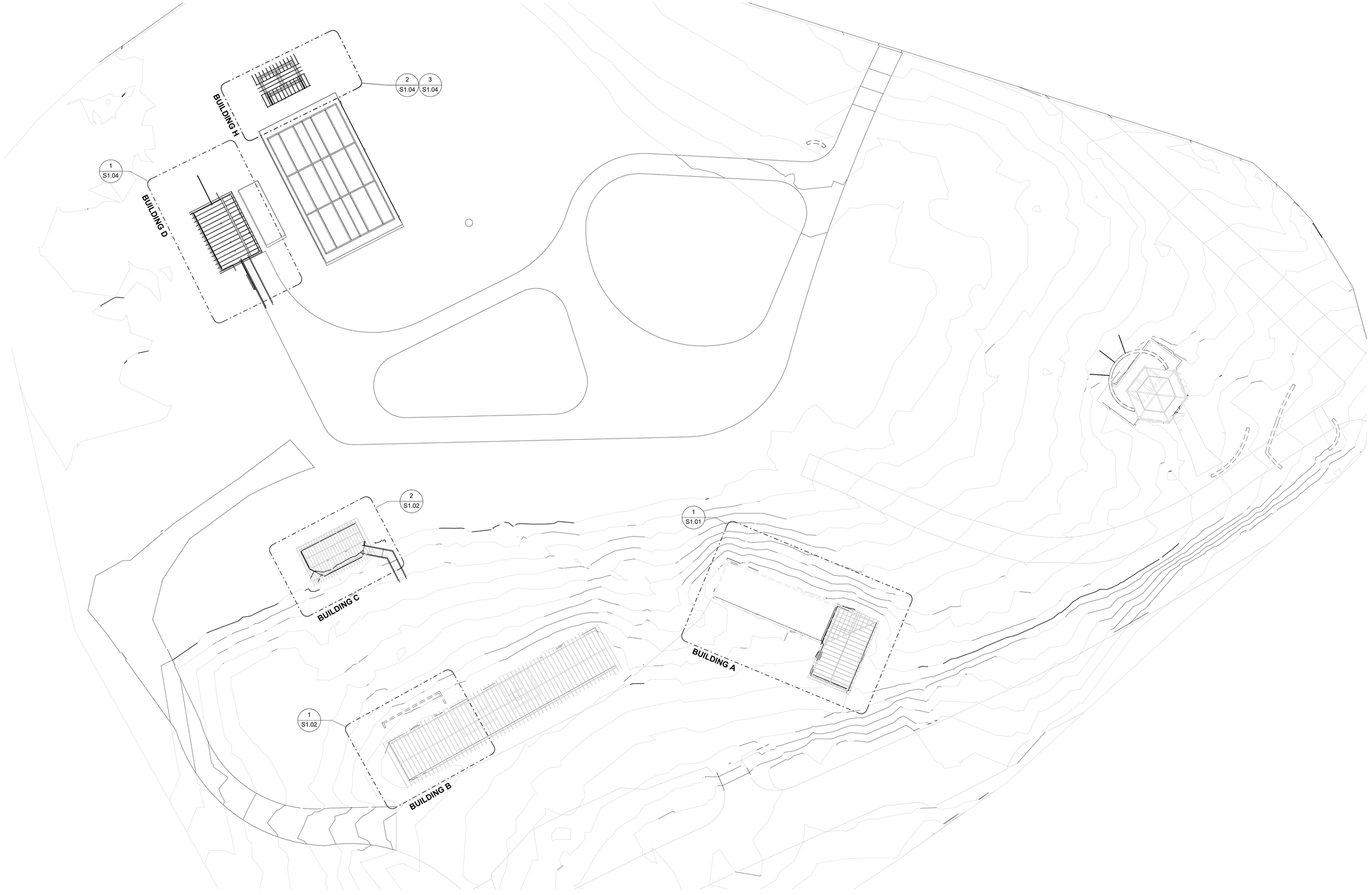
Date	30 APR 2025

Revisions

Drawing

SPECIAL INSPECTIONS

S0.02



1 **OVERALL KEY PLAN**
3/64" = 1'-0"

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No. 40618
04/30/2025
MICHAEL GENNARO

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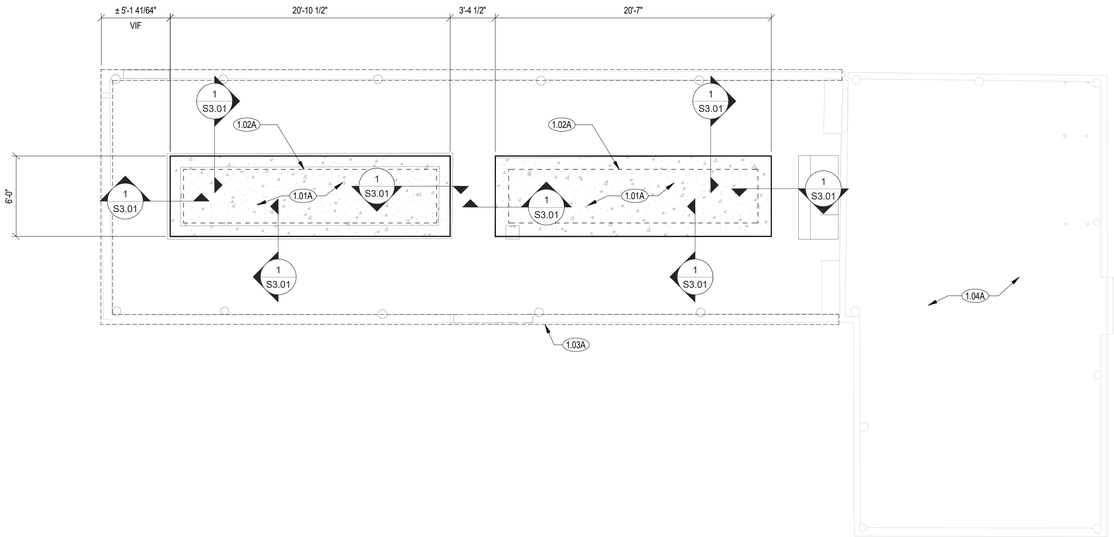
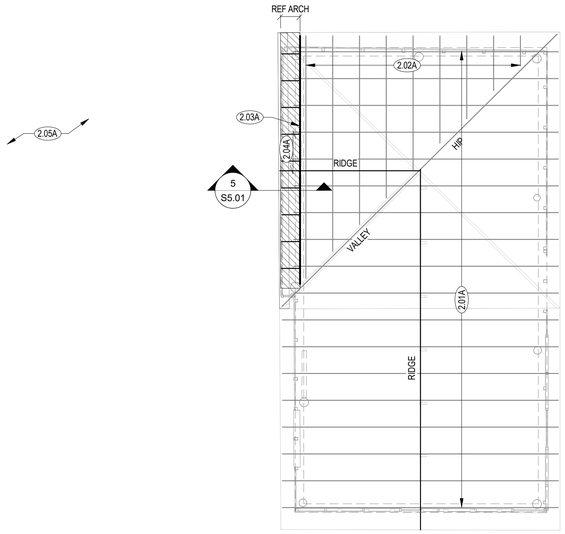
OVERALL KEY PLAN

S0.10



1 BUILDING A - FOUNDATION PLAN

3/16" = 1'-0"



2 BUILDING A - ROOF FRAMING PLAN

3/16" = 1'-0"

FOUNDATION PLAN NOTES

1. REF PLAN FOR TOP OF SLAB ELEVATION (T/ SLAB). COORD W/ ARCH AND CIVIL.
2. ALL WOOD THAT IS PERMANENTLY EXPOSED TO THE EXTERIOR SHALL BE ALASKAN CEDAR UNO.
3. NO RECORD DRAWINGS ARE AVAILABLE. EXISTING STRUCTURAL INFORMATION SHOWN IS BASED UPON A STRUCTURAL SITE VISIT PERFORMED BY BRITT, PETERS AND ASSOCIATES, DATED 05/13/2024 GC FIELD VERIFY ALL EXISTING ROOF FRAMING SIZES, CONDITIONS AND DIMENSIONS PRIOR TO FABRICAITON OF NEW MATERIAL. VARIOUOS STRUCTURAL MEMBERS (FOOTINGS, COLUMNS, ETC.) HAVE BEEN ASSUMED. FIELD VERIFY AND CONTACT ENGINEER WITH DISCREPANICIES PRIOR TO FABRICATION OF NEW MATERIAL.

FOUNDATION PLAN LEGEND

(#.##) DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET

SHEET NOTE SCHEDULE - FOUNDATION PLAN A	(#.##)
REF PLANS AND DETAILS FOR SHEET NOTES REQUIRED, NOT ALL NOTES APPLICABLE TO THIS SHEET	
MARK	**DESCRIPTION**
1.01A	4" CONCRETE SLAB REINF W/ 6x6-W1.4xW1.4 WWR ON 10 MIL VAPOR RETARDER ON 4" GRANULAR BASE ON PREPARED SUBGRADE.
1.02A	TURNDOWN FOOTING, REF DETAILS
1.03A	EXISTING BUILDING TO BE DEMOLISHED, REF ARCH
1.04A	EXISTING BUILDING TO REMAIN, REF ARCH

ROOF FRAMING PLAN LEGEND

(#.##) DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET

DENOTES PLYWOOD SPAN DIRECTION

SHEET NOTE SCHEDULE - ROOF FRAMING PLANS A	(#.##)
REF PLANS AND DETAILS FOR SHEET NOTES REQUIRED, NOT ALL NOTES APPLICABLE TO THIS SHEET	
MARK	**DESCRIPTION**
2.01A	(E) ROOF TRUSSES TO REMAIN
2.02A	(E) OVERBUILD TO REMAIN
2.03A	REBUILD GABLE END WALL, REF DETAIL
2.04A	5/8" ROOF SHEATHING, GENERAL NOTES FOR SPECIFICATIONS AND ATTACHMENT
2.05A	(E) BUILDING TO BE DEMOLISHED, REF ARCH

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Project

historic Little Mountain

NEWBERRY COUNTY REUNION PARK IMPROVEMENTS

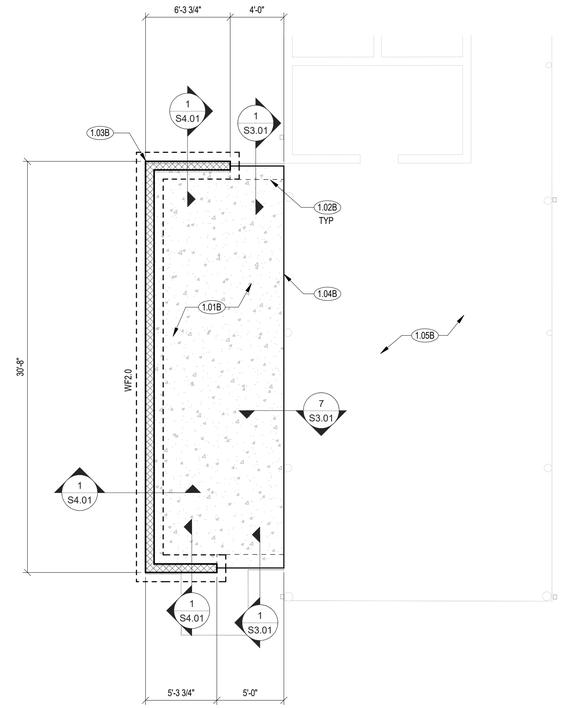
Project Number	23236
Drawn By	MEW
Checked By	MCG
Date	30 APR 2025

Revisions

Drawing

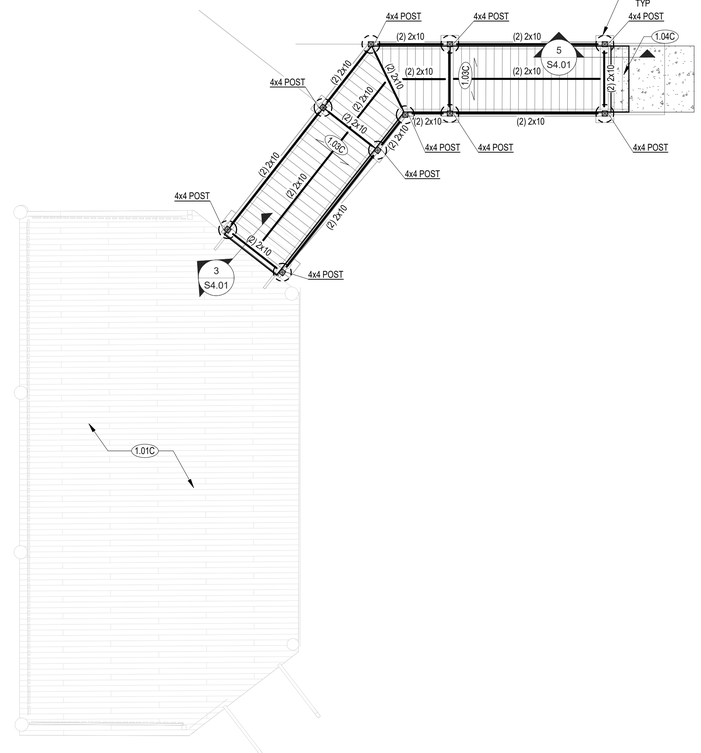
PLANS - BUILDING A

S1.01



1 BUILDING B - FOUNDATION PLAN

3/16" = 1'-0"



2 BUILDING C - FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES

1. REF PLAN FOR TOP OF SLAB ELEVATION (T/ SLAB). COORD W/ ARCH AND CIVIL.
2. ALL WOOD THAT IS PERMANENTLY EXPOSED TO THE EXTERIOR SHALL BE ALASKAN CEDAR UNO.
3. NO RECORD DRAWINGS ARE AVAILABLE. EXISTING STRUCTURAL INFORMATION SHOWN IS BASED UPON A STRUCTURAL SITE VISIT PERFORMED BY BRITT, PETERS AND ASSOCIATES, DATED 05/13/2024 GC FIELD VERIFY ALL EXISTING ROOF FRAMING SIZES, CONDITIONS AND DIMENSIONS PRIOR TO FABRICAITON OF NEW MATERIAL. VARIOUOS STRUCTURAL MEMBERS (FOOTINGS, COLUMNS, ETC.) HAVE BEEN ASSUMED. FIELD VERIFY AND CONTACT ENGINEER WITH DISCREPANICIES PRIOR TO FABRICATION OF NEW MATERIAL.

FOUNDATION PLAN LEGEND

(#.##) DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET

WF#.# DENOTES WALL FOOTING (WF), REF SCHEDULE THIS SHEET

DENOTES CMU WALL

SHEET NOTE SCHEDULE - FOUNDATION PLAN B	(#.##)
REF PLANS AND DETAILS FOR SHEET NOTES REQUIRED, NOT ALL NOTES APPLICABLE TO THIS SHEET	
MARK	**DESCRIPTION**
1.01B	4" CONCRETE SLAB REINF W/ 6x6-W1.4xW1.4 WWR ON 10 MIL VAPOR RETARDER ON 4" GRANULAR BASE ON PREPARED SUBGRADE.
1.02B	TURNDOWN FOOTING, REF DETAILS
1.03B	8" CMU STEMWALL W/ #4 @ 48" OC TYP
1.04B	TIE NEW SLAB TO EXISTING SLAB, REF TYPICAL DETAIL
1.05B	EXISTING SLAB ON GRADE TO REMAIN

FOUNDATION SCHEDULE - WALL FOOTINGS (WF)							
	DIMENSIONS		REINFORCING				
			BOTTOM BARS		TOP BARS		
MARK	WIDTH "W"	THICKNESS "T"	LONG	SHORT	LONG	SHORT	REMARKS
WF2.0	2'-0"	1'-0"	(2) #5 CONT	#4 @ 18" OC	--	--	

FRAMING PLAN LEGEND

(#.##) DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET

WF#.# DENOTES WALL FOOTING (WF), REF SCHEDULE THIS SHEET

DENOTES CMU WALL

FRAMING PLAN NOTES

1. ALL WOOD THAT IS PERMANENTLY EXPOSED TO THE EXTERIOR SHALL BE PRESERVATIVE-TREATED UNO.
2. NO RECORD DRAWINGS ARE AVAILABLE. EXISTING STRUCTURAL INFORMATION SHOWN IS BASED UPON A STRUCTURAL SITE VISIT PERFORMED BY BRITT, PETERS AND ASSOCIATES, DATED 05/13/2024. GC FIELD VERIFY ALL EXISTING ROOF FRAMING SIZES, CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION OF NEW MATERIAL. VARIOUS STRUCTURAL MEMBERS (FOOTINGS, COLUMNS, ETC.) HAVE BEEN ASSUMED. FIELD VERIFY AND CONTACT ENGINEER WITH DISCREPANCIES PRIOR TO FABRICATION OF NEW MATERIAL.

SHEET NOTE SCHEDULE - FOUNDATION PLAN C	(#.##)
REF PLANS AND DETAILS FOR SHEET NOTES REQUIRED, NOT ALL NOTES APPLICABLE TO THIS SHEET	
MARK	**DESCRIPTION**
1.01C	EXISTING STRUCTURE TO REMAIN
1.02C	18" DIA SONATUBE FOOTING, REF DETAIL
1.03C	DECK BOARDS, REF ARCH
1.04C	PROVIDE PRESSURE TREATED TRANSITION RAMP ON SIDEWALK

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SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 40618 04/30/2025 MICHAEL GENNARO

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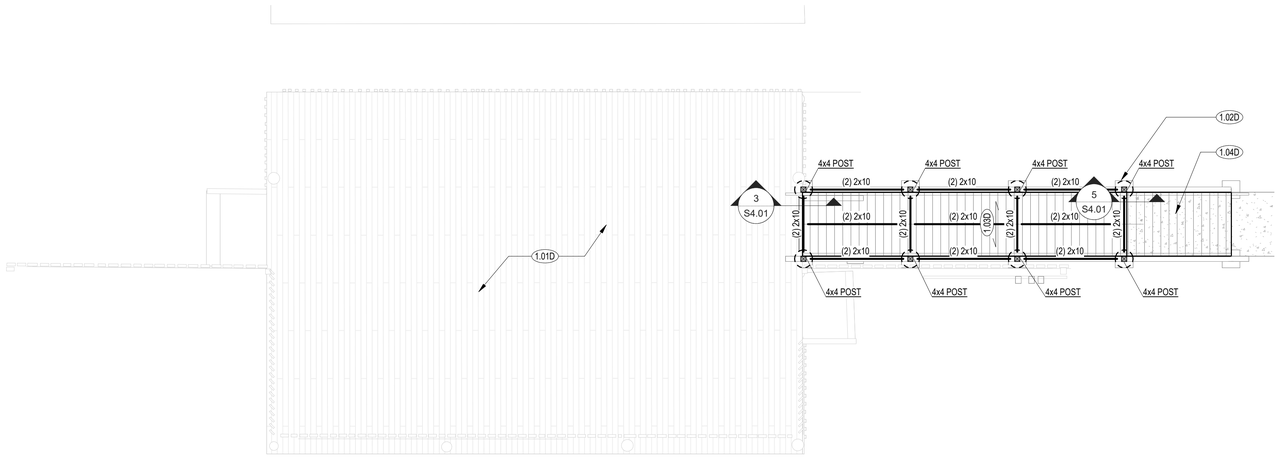
Revisions

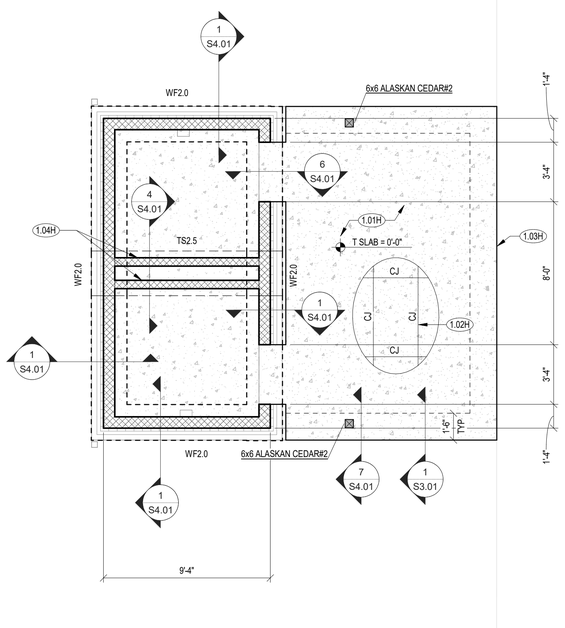
Drawing

PLANS - BUILDING B & BUILDING C

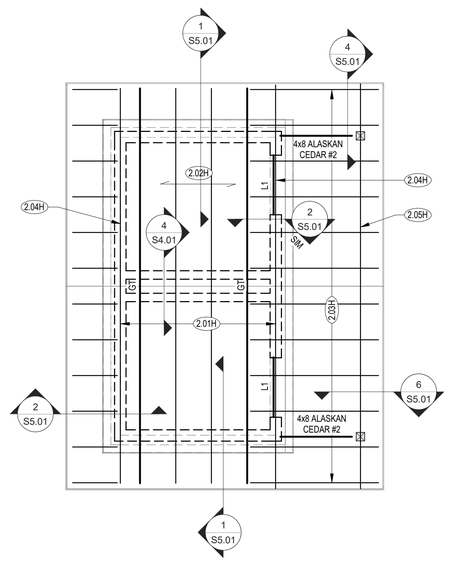
S1.02



1 BUILDING D - FOUNDATION PLAN
1/4" = 1'-0"



2 BUILDING H - FOUNDATION PLAN
1/4" = 1'-0"



3 BUILDING H - ROOF FRAMING PLAN
1/4" = 1'-0"

FRAMING PLAN NOTES
1. ALL WOOD THAT IS PERMANENTLY EXPOSED TO THE EXTERIOR SHALL BE ALASKAN CEDAR UNO.
2. NO RECORD DRAWINGS ARE AVAILABLE. EXISTING STRUCTURAL INFORMATION SHOWN IS BASED UPON A STRUCTURAL SITE VISIT PERFORMED BY BRITT, PETERS AND ASSOCIATES, DATED 05/13/2024. GC FIELD VERIFY ALL EXISTING ROOF FRAMING SIZES, CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION OF NEW MATERIAL. VARIOUS STRUCTURAL MEMBERS (FOOTINGS, COLUMNS, ETC.) HAVE BEEN ASSUMED. FIELD VERIFY AND CONTACT ENGINEER WITH DISCREPANCIES PRIOR TO FABRICATION OF NEW MATERIAL.

FRAMING PLAN LEGEND
(#.##) DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET

WF## DENOTES WALL FOOTING (WF), REF SCHEDULE THIS SHEET

DENOTES CMU WALL

SHEET NOTE SCHEDULE - FRAMING PLAN D	(#.##)
REF PLANS AND DETAILS FOR SHEET NOTES REQUIRED, NOT ALL NOTES APPLICABLE TO THIS SHEET	
MARK	**DESCRIPTION**
1.01D	EXISTING STRUCTURE TO REMAIN
1.02D	18" DIA SONATUBE FOOTING, REF DETAIL
1.03D	DECK BOARDS, REF ARCH
1.04D	PROVIDE PRESSURE TREATED TRANSITION RAMP ON SIDEWALK

FOUNDATION PLAN LEGEND
(#.##) DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET

WF## DENOTES WALL FOOTING (WF), REF SCHEDULE THIS SHEET

DENOTES CMU WALL

FOUNDATION PLAN NOTES
1. REF PLAN FOR TOP OF SLAB ELEVATION (T/ SLAB). COORD W/ ARCH AND CIVIL.
2. ALL WOOD THAT IS PERMANENTLY EXPOSED TO THE EXTERIOR SHALL BE ALASKAN CEDAR UNO.
3. NO RECORD DRAWINGS ARE AVAILABLE. EXISTING STRUCTURAL INFORMATION SHOWN IS BASED UPON A STRUCTURAL SITE VISIT PERFORMED BY BRITT, PETERS AND ASSOCIATES, DATED 05/13/2024 GC FIELD VERIFY ALL EXISTING ROOF FRAMING SIZES, CONDITIONS AND DIMENSIONS PRIOR TO FABRICAITON OF NEW MATERIAL. VARIOUS STRUCTURAL MEMBERS (FOOTINGS, COLUMNS, ETC.) HAVE BEEN ASSUMED. FIELD VERIFY AND CONTACT ENGINEER WITH DISCREPANICIES PRIOR TO FABRICATION OF NEW MATERIAL.

SHEET NOTE SCHEDULE - FOUNDATION PLAN H	(#.##)
REF PLANS AND DETAILS FOR SHEET NOTES REQUIRED, NOT ALL NOTES APPLICABLE TO THIS SHEET	
MARK	**DESCRIPTION**
1.01H	4" CONCRETE SLAB REINF W/ 6x6-W1.4xW1.4 WWR ON 10 MIL VAPOR RETARDER ON 4" GRANULAR BASE ON PREPARED SUBGRADE.
1.02H	CONTROL JOINT (CJ) SPACING SHALL NOT EXCEED 12'-0" OC EA WAY. SLAB UNITS CREATED BY JOINT LAYOUT SHOULD BE AS SQUARE AS POSSIBLE WITH A MAXIMUM ASPECT RATIO OF 1.25 TO 1.
1.03H	TURNDOWN FOOTING, REF DETAILS
1.04H	MASONRY PARTITION, REF ARCH

FOUNDATION SCHEDULE - WALL FOOTINGS (WF)

	DIMENSIONS		REINFORCING				
	WIDTH	THICKNESS	BOTTOM BARS		TOP BARS		
MARK	"W"	"T"	LONG	SHORT	LONG	SHORT	REMARKS
TS2.5	2'-6"	1'-6"	(3) #5 CONT	#4 @ 18" OC	--	--	
WF2.0	2'-0"	1'-0"	(2) #5 CONT	#4 @ 18" OC	--	--	

ROOF FRAMING PLAN LEGEND
(#.##) DENOTES SHEET NOTE, REF SCHEDULE THIS SHEET

DENOTES DECK SPAN DIRECTION

L# MASONRY LINTEL WHERE # CORRESPONDS TO TYPE, REF TYICAL DETAIL

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

SHEET NOTE SCHEDULE - ROOF FRAMING PLANS...	(#.##)
REF PLANS AND DETAILS FOR SHEET NOTES REQUIRED, NOT ALL NOTES APPLICABLE TO THIS SHEET	
MARK	**DESCRIPTION**
2.01H	PRE-FABRICATED WOOD TRUSSES @ 2'-0" OC MAX, DESIGNED BY SUPPLIER
2.02H	5/8" ROOF SHEATHING, SEE GENERAL NOTES FOR SPECIFICATIONS AND ATTACHMENT.
2.03H	2x6 @ 24" OC, OUTRIGGERS TO EXTEND TO TIMBER TRUSS
2.04H	WALL TRUSS, REF SECTION 2/S5.01
2.05H	EXPOSED ALASKAN CEDAR TIMBER GIRDER TRUSS DESIGNED BY SUPPLIER. CHORDS TO BE MADE OF 4x MATERIAL.

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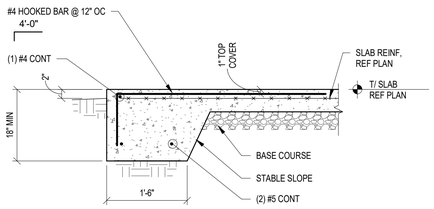
Revisions

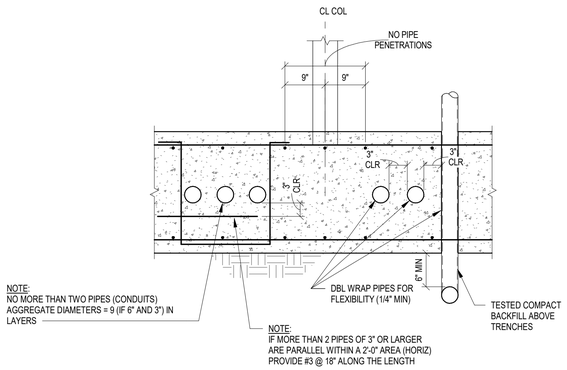
Drawing

PLANS - BUILDING D & BUILDING H

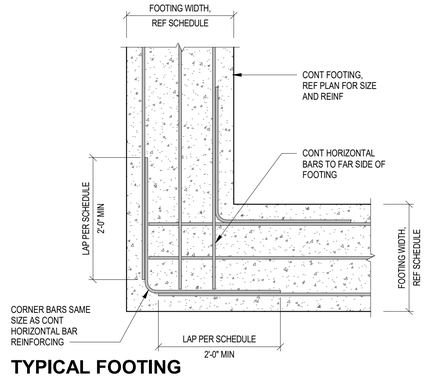
S1.04



1 TYPICAL TURNDOWN
3/4" = 1'-0"



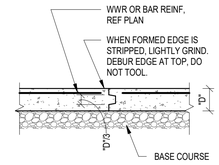
4 TYPICAL PENETRATION THRU FOOTING
3/4" = 1'-0"



3 TYPICAL FOOTING CORNER REINFORCING DETAIL
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.



KEYED

2 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:
1. LENGTH SHOWN CONFORM TO NON-SEISMIC PROVISIONS OF ACI 318 FOR UNCOATED BARS ENCLOSED BY PROPERLY SPACED TIES OR STIRRUPS
2. 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)
3. THIS TABLE SHALL APPLY UNLESS SPECIFICALLY NOTED, DETAILED OR SCHEDULED OTHERWISE
4. UNLESS NOTED OTHERWISE ALL REINFORCING BARS SHALL LAP AROUND CORNERS

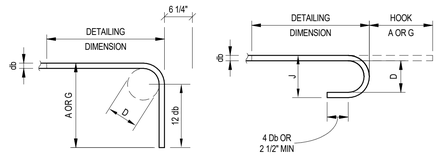
5 REINF BAR LAP LENGTH SCHEDULE
3/4" = 1'-0"

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

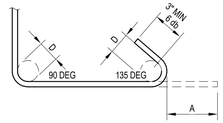
STIRRUP AND TIE HOOK SCHEDULE			
BAR SIZE	D (IN)	90 DEG HOOK A OR G (IN)	135 DEG HOOK A OR G (IN)
#3	1 1/2	4	4
#4	2	4 1/2	4 1/2
#5	2 1/2	6	5 1/2

D = INSIDE BEND OF DIAMETER

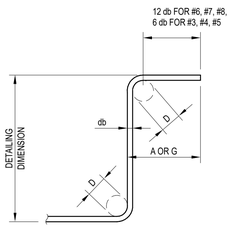


90 DEG HOOK 180 DEG HOOK

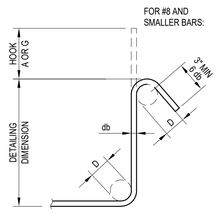
END HOOK TYPES



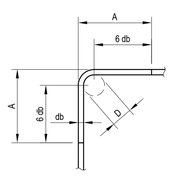
CROSS TIE



90 DEG HOOK

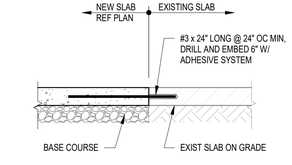


135 DEG HOOK



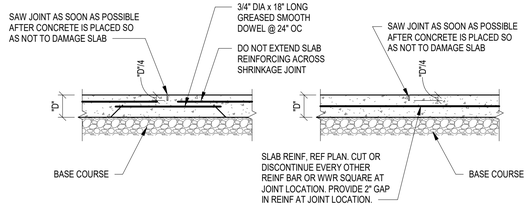
CORNER TIE HOOK

6 STIRRUP AND TIE HOOK TYPES DETAIL
3/4" = 1'-0"



7 EXISTING SLAB TIE IN
3/4" = 1'-0"

NOTES:
- FOR INFORMATION ON VAPOR RETARDER, REF ARCH DWGS AND SPECS.
- IF NOT INDICATED ELSEWHERE, PROVIDE SAWCUT CONTROL JOINTS @ 12'-0" OC MAX AT 4" SLABS, 15'-0" MAX AT 5" SLABS, 18'-0" MAX AT 6" SLABS.
- SLAB UNITS CREATED BY JOINT LAYOUTS SHALL BE AS SQUARE AS POSSIBLE AND WITH A MAXIMUM ASPECT RATIO OF 1.25 TO 1. IN ADDITION, CONTROL JOINTS SHALL BE LOCATED AT THE CORNERS OF ALL ISOLATION POCKETS.



WHEELED TRAFFIC LIGHT TRAFFIC

8 TYPICAL SAWCUT CONTROL JOINT
3/4" = 1'-0"

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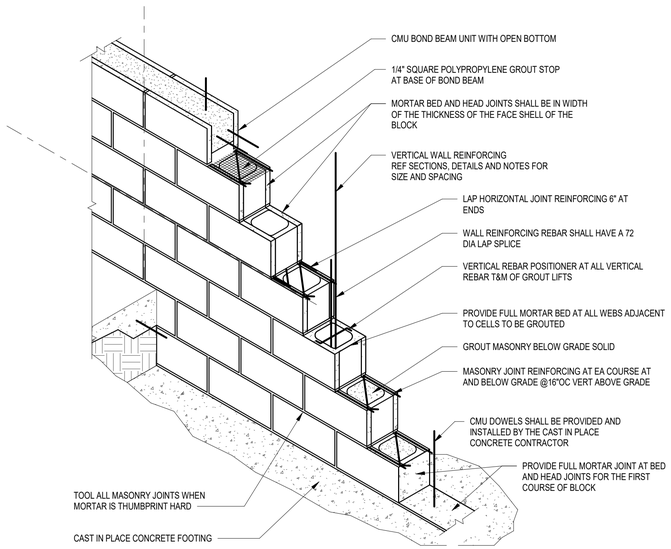
Drawing

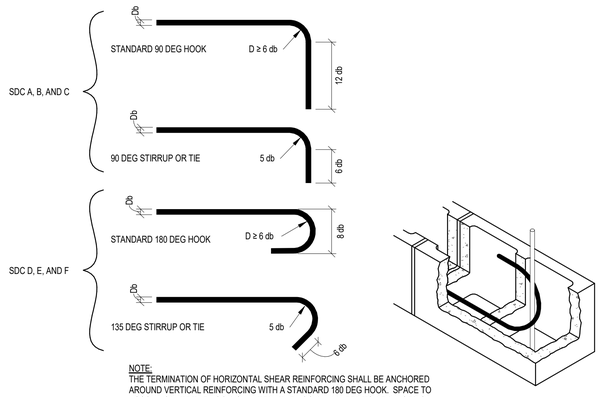
TYPICAL CONCRETE DETAILS

S3.01



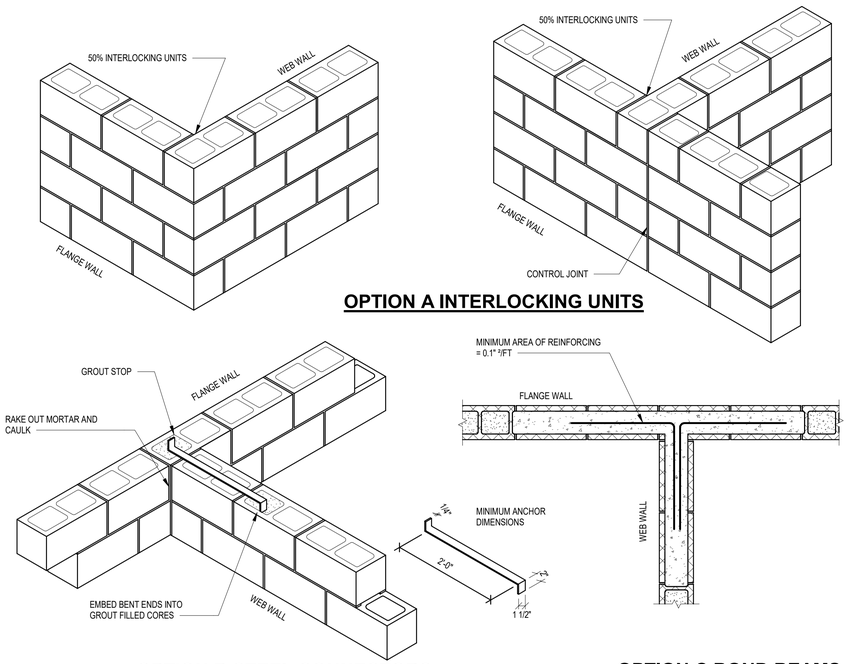
NOTE:
MASONRY SHALL BE CONSTRUCTED IN LIFTS OF 48" OR LESS. AT LOCATIONS MID HEIGHT IN MASONRY THE GROUT SHALL BE HELD DOWN 1" FROM THE TOP OF THE MASONRY

1 WALL CONSTRUCTION
3/4" = 1'-0"



NOTE:
THE TERMINATION OF HORIZONTAL SHEAR REINFORCING SHALL BE ANCHORED AROUND VERTICAL REINFORCING WITH A STANDARD 180 DEG HOOK. SPACE TO ACCOMMODATE THE HOOK IS LIMITED. THE HOOK MAY NEED TO BE PLACED ON AN ANGLE WITHIN THE BOND BEAM AS SHOWN

2 MASONRY WALL HORIZONTAL REINFORCING - STANDARD HOOKS AND BENDS
1 1/2" = 1'-0"

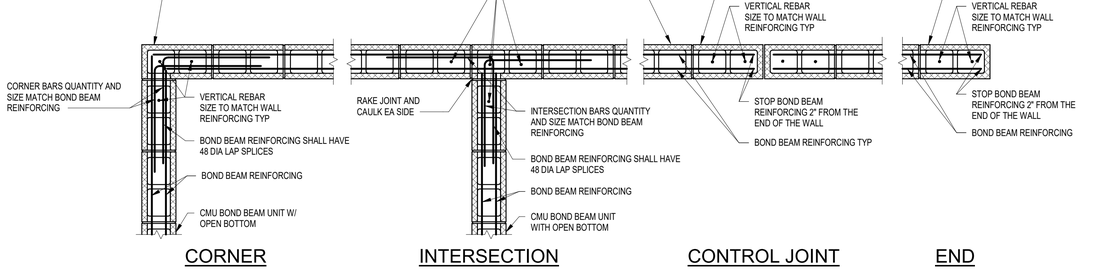


OPTION A INTERLOCKING UNITS

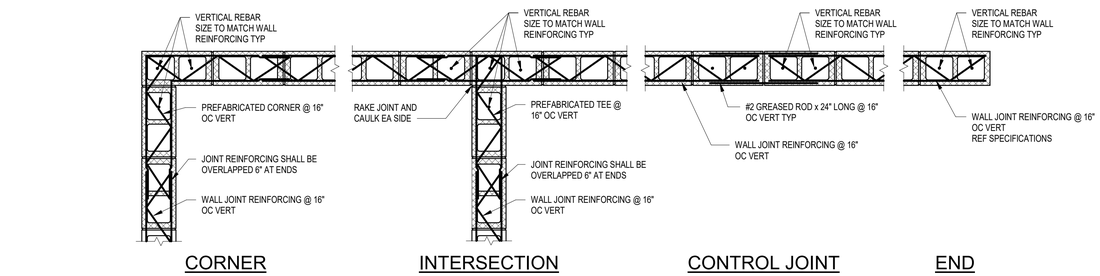
OPTION B STEEL CONNECTORS

OPTION C BOND BEAMS

3 INTERSECTING WALLS
3/4" = 1'-0"



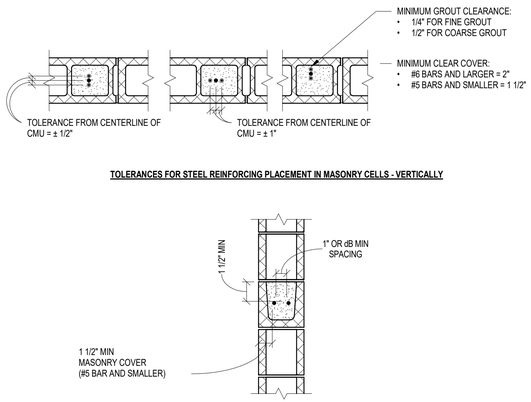
BOND BEAM DETAILS



JOINT REINFORCING DETAILS

NOTE:
PROVIDE 1/2" JOINT B/W ALL MASONRY AND CIP COLUMNS

4 STRUCTURAL MASONRY WALL DETAILS
3/4" = 1'-0"



5 TOLERANCES FOR STEEL REINFORCEMENT PLACEMENT IN MASONRY CELLS
1" = 1'-0"

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:
1. 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 1900 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 Fy < 60,000 PSI).
2. "NP" DENOTES NOT PERMITTED.
3. FOR EPOXY-COATED REINFORCING, MULTIPLY NUMBERS IN TABLE ABOVE BY 1.5.
4. REINFORCING SHALL BE PLACED IN THE CENTER OF THE CELL AND WITHIN ALLOWABLE TOLERANCES SET FORTH BY GOVERNING CODE.
5. 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".
6. STANDARD HOOKS ARE CONSIDERED TO DEVELOP AN EQUIVALENT EMBEDMENT LENGTH, le, 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.
7. MECHANICAL SPLICES MAY BE USED AT CONTRACTOR'S OPTION. MECHANICAL SPLICES SHALL DEVELOP, IN TENSION, AT LEAST 125% OF THE SPECIFIED YIELD STRENGTH (Fy) 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.

6 CMU LAP SPLICE TABLE
3/4" = 1'-0"

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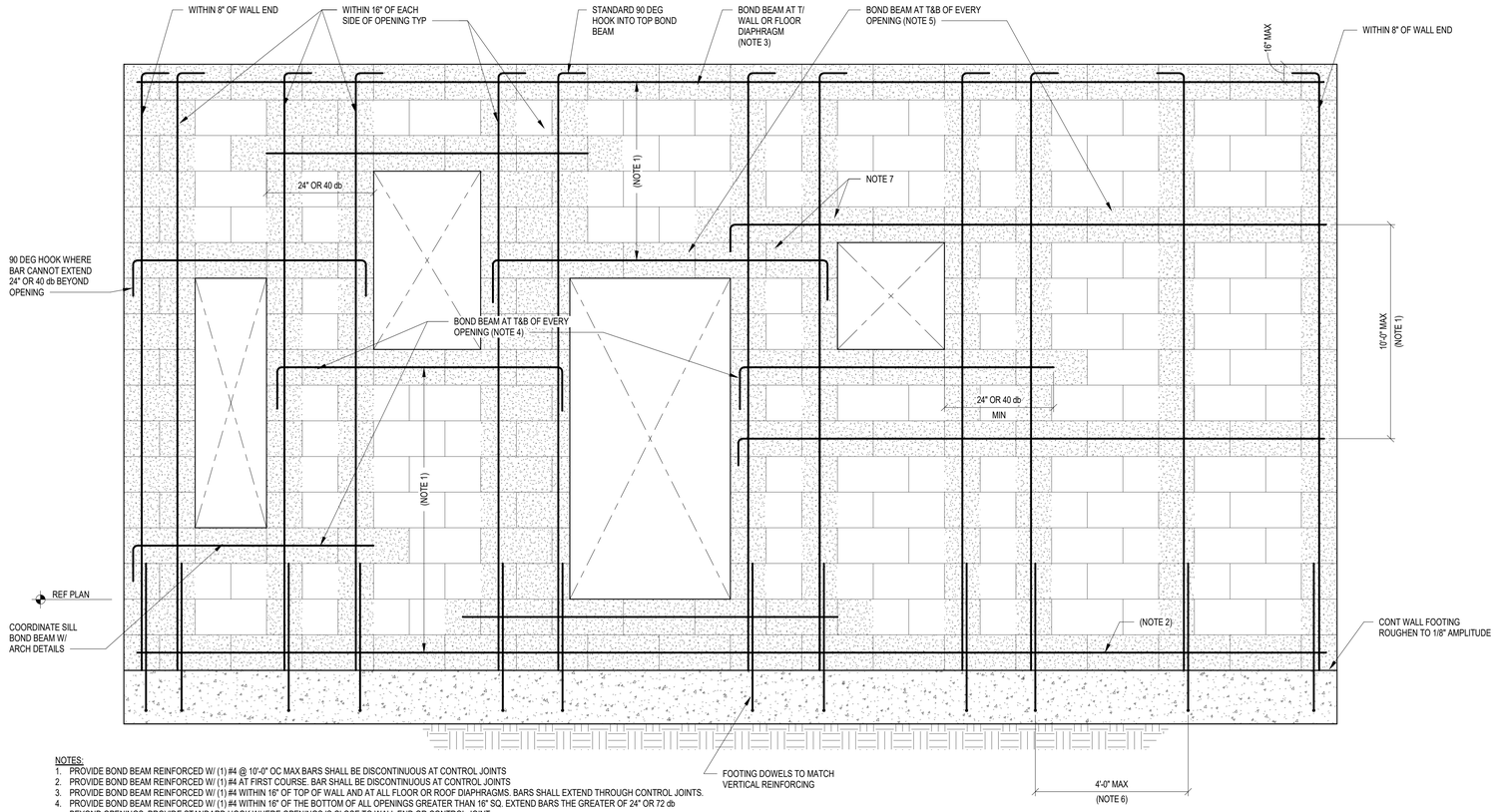
Drawing

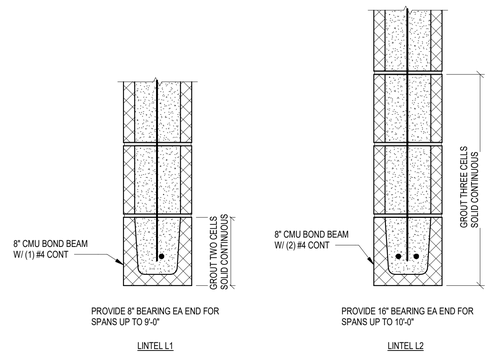
TYPICAL MASONRY DETAILS

S3.02

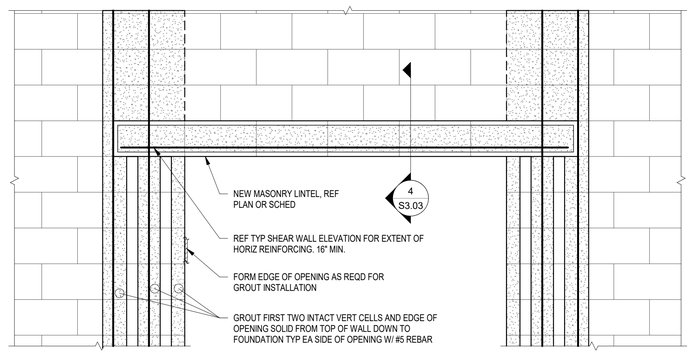


NOTES:
1. PROVIDE BOND BEAM REINFORCED W/ (1) #4 @ 10'-0" OC MAX BARS SHALL BE DISCONTINUOUS AT CONTROL JOINTS
2. PROVIDE BOND BEAM REINFORCED W/ (1) #4 AT FIRST COURSE. BAR SHALL BE DISCONTINUOUS AT CONTROL JOINTS
3. PROVIDE BOND BEAM REINFORCED W/ (1) #4 WITHIN 16" OF TOP OF WALL AND AT ALL FLOOR OR 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 72 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"

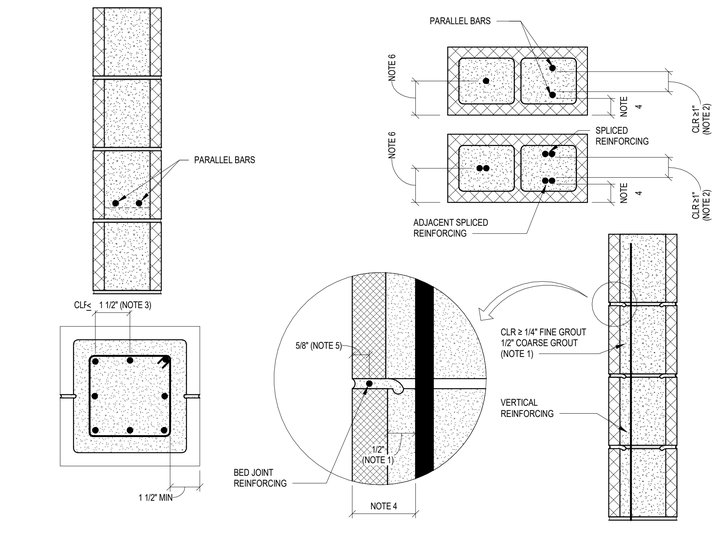


2 TYP LINTEL
1 1/2" = 1'-0"



NOTE:
AT SILL LOCATION PROVIDE 8" BOND BEAM W/ (2) #5 CONT, EXTEND #5 BARS 8" INTO JAMBS EA EDGE OF OPENING

3 OPENING IN MASONRY WALL
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 PLACEMENT OF REINFORCEMENT
1 1/2" = 1'-0"

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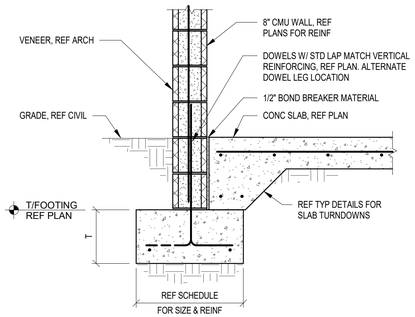
TYPICAL MASONRY DETAILS

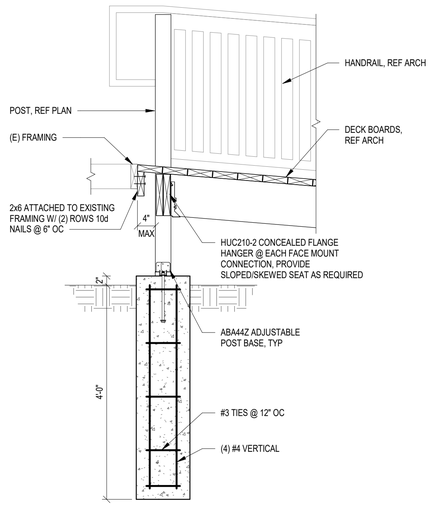
S3.03

NOTE REGARDING REINF COVER REQUIREMENTS

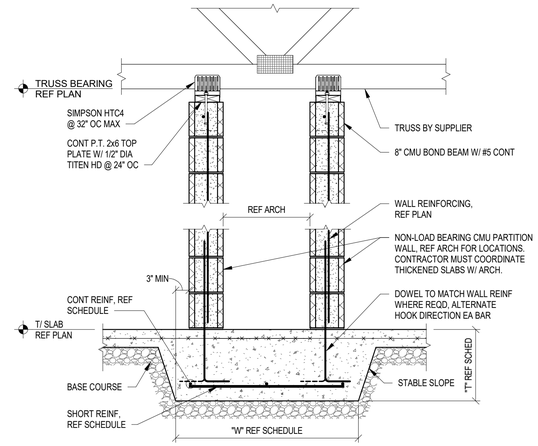
ALL REINFORCING SHALL BE PLACED IN ACCORDANCE WITH THE MINIMUM COVER REQUIREMENTS PER ACI AS OUTLINED IN THE GENERAL NOTES. SPECIFIC BAR LOCATIONS SHOWN IN SECTIONS AND DETAILS MAY OVERRIDE BUT NOT VIOLATE THE MINIMUM COVER REQUIREMENTS.



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

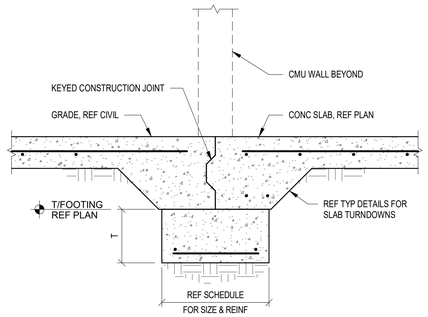


3 **SECTION**
3/4" = 1'-0"



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

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



6 **SECTION**
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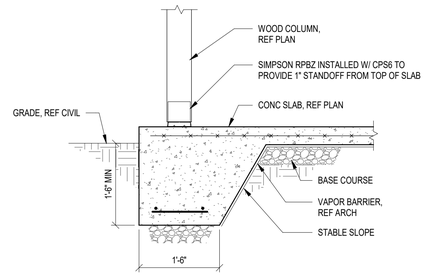

7 **SECTION**
3/4" = 1'-0"

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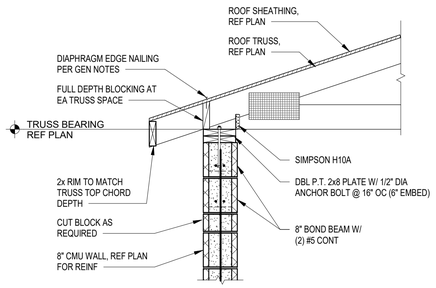
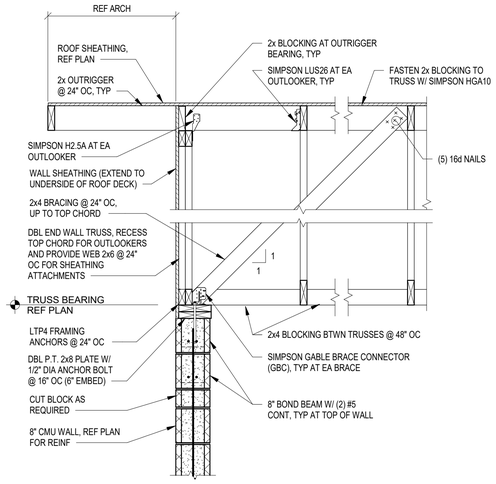
FOUNDATION SECTIONS

S4.01



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



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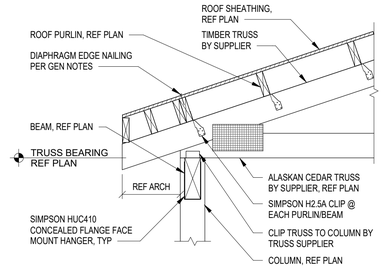

4 SECTION
3/4" = 1'-0"

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

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

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ROOF SECTIONS

S5.01

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER MODEL	CW	HW	SS	V	DESCRIPTION
WC-1	WATER CLOSET (ADA)	AMERICAN STANDARD CADET 2467.016	1/2"	-	3"	2"	1.6 GPF, FLOOR MOUNT, TWO-PIECE, VITREOUS CHINA, CHAIR HEIGHT WATER CLOSET FOR ADA APPLICATIONS; ELONGATED BOWL WITH PRESSURE ASSISTED FLUSH TANK; PROVIDE WITH EVERCLEAN COATING SEAT: AMERICAN STANDARD 5901.100SS (OPEN FRONT, SELF-SUSTAINING HINGE) SUPPLY: MCGUIRE MFG. LF185SS (CHROME PLATED VALVE WITH WHEEL HANDLE, STAINLESS STEEL FLEXIBLE RISER)
LAV-1	LAVATORY (ADA)	AMERICAN STANDARD LUCERNE 0355.012	1/2"	1/2"	2"	2"	WALL MOUNTED, WHITE, VITREOUS CHINA, 4" CENTERSET, FRONT OVERFLOW; INSTALL IN ACCORDANCE W/ ADA REQUIREMENTS DRAIN: MCGUIRE MFG. 155A (OPEN GRID P.O. PLUG W/ TAILPIECE) SUPPLIES: REFER TO LF-1 IN THIS SCHEDULE. FAUCET: REFER TO LF-1 IN THIS SCHEDULE. TRAP: MCGUIRE MFG. B8902C (CAST BRASS, SLIP NUTS, CLEANOUT PLUG) CARRIER ARMS: ZURN Z1231EZ; PROVIDE WITH OPTION -D (BACK-TO-BACK) WHERE LAVATORIES ARE BACK-TO-BACK. TRAP AND SUPPLY INSULATORS: REFER TO LF-1 IN THIS SCHEDULE.
LF-1	LAVATORY FAUCET (ADA)	T&S BRASS B-0831-VF05	1/2"	1/2"	-	-	SOLID CAST BRASS, 4" CENTERSET LAVATORY FAUCET WITH DUAL PUSH BUTTON METERING CARTRIDGES; LEAD FREE, 0.5 GPM VANDAL RESISTANT AERATOR, CHROME FINISH. SET METERING CYCLE TO 30 SECONDS. SUPPLIES: MCGUIRE MFG. LF175SS (CHROME PLATED VALVE WITH WHEEL HANDLE, STAINLESS STEEL FLEXIBLE RISERS) TRAP AND SUPPLY INSULATORS: TRUEBRO LAVGUARD 2 #102 E-Z

DRAIN SCHEDULE

MARK	DUTY TYPE	MANUFACTURER	MODEL	DRAIN GRATE TYPE	DRAIN BODY SIZE	P-TRAP PIPE SIZE	NOTES
FD-1	FLOOR	ZURN	ZN-415B-VP	6" RND NICKEL BRONZE W/ VANDAL PROOF SCREWS	3"	3"	A

NOTES:
A. PROVIDE ALL FLOOR DRAINS WITH ASSE 1072 BARRIER TYPE TRAP SEALS & DEEP SEAL TRAPS.

TANK TYPE ELECTRIC WATER HEATER SCHEDULE

MARK	LOCATION	MANUFACTURER	MODEL	TANK CAPACITY	INPUT (KW)	RECOVERY RATE	ELECTRICAL V/PH/HZ	NOTES
WH-1	BUILDING A	AO SMITH	DEL-40	40 GALLON	4.5	18 GPH @ 100°F	240/1/60	A THRU G

NOTES:
A. EQUIPMENT SHALL MEET ASHRAE 90.1 STANDARDS FOR THERMAL EFFICIENCY AND STANDBY LOSS.
B. PROVIDE FACTORY INSTALLED ANODE ROD(S) TO PREVENT ELECTROLYTIC CORROSION OF TANK.
C. PROVIDE FACTORY INSTALLED TEMPERATURE AND PRESSURE SAFETY RELIEF VALVE (T&P VALVE).
D. PROVIDE ALUMINUM DRAIN PAN WITH DRAIN CONNECTION. ROUTE DRAIN CONNECTION TO EXTERIOR AND DRAIN TO GRADE.
E. PROVIDE HARD COPPER DRAIN LINE FROM T&P VALVE DOWN TO DRAIN PAN. PIPING TO BE FULL SIZE OF T&P VALVE DISCHARGE CONNECTION.
F. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.

TANKLESS ELECTRIC WATER HEATER SCHEDULE

MARK	LOCATION	MANUFACTURER	MODEL	TEMPERATURE RISE	INPUT (KW)	V/PH/HZ	AMPS	NOTES
WH-2	BUILDING B	CHRONOMITE	CM-30L/240	49°F @ 1.0 GPM	7.2	240/1/60	30	A THRU D
WH-3	BUILDING B	CHRONOMITE	CM-30L/240	49°F @ 1.0 GPM	7.2	240/1/60	30	A THRU D
WH-4	BUILDING G	CHRONOMITE	CM-30L/240	49°F @ 1.0 GPM	7.2	240/1/60	30	A THRU D
WH-5	BUILDING H	CHRONOMITE	CM-30L/240	49°F @ 1.0 GPM	7.2	240/1/60	30	A THRU D

NOTES:
A. PROVIDE WITH OPTION 2095-1 (DISCONNECT SWITCH, ROTARY 40A).
B. FACTORY PRESET OUTLET TEMPERATURE SHALL BE 104°F
C. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
D. REFER TO WATER HEATER DETAIL FOR ADDITIONAL INSTALLATION INFORMATION.

CLEANOUT SCHEDULE

MARK	DUTY TYPE	MANUFACTURER	MODEL	CLEANOUT TYPE	SIZE	DUTY LOCATION
WCO	WALL	ZURN	Z-1469	STAINLESS ACCESS COVER W/ SCREW	SEE DWG	GENERAL

PLUMBING SYMBOLS LEGEND

PIPING LEGEND

- CW — DOMESTIC COLD WATER - CW
- FW — FILTERED WATER - FW
- (E)CW — EXISTING DOMESTIC COLD WATER - (E)CW
- HW — DOMESTIC HOT WATER - HW - 110°F
- HW(140°F) — DOMESTIC HOT WATER - HW - 140°F
- (E)HW — EXISTING DOMESTIC HOT WATER - (E)HW
- HWR — DOMESTIC HOT WATER RETURN - HWR
- HWR(140°F) — DOMESTIC HOT WATER RETURN - 140°F
- (E)HWR — EXISTING HOT WATER RETURN - (E)HWR
- V — VENT PIPING ABOVE FLOOR - V
- (E)V — EXISTING VENT PIPING ABOVE FLOOR - (E)V
- SS — SANITARY SEWER PIPING - SS
- (E)SS — EXISTING SANITARY SEWER PIPING - (E)SS
- GW — GREASE WASTE PIPING - GW
- (E)GW — EXISTING GREASE WASTE PIPING - (E)GW

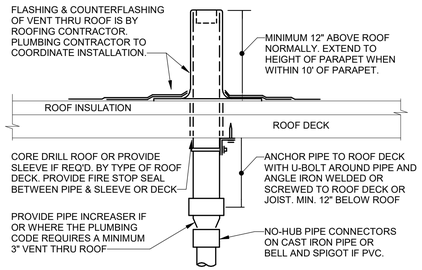
SYMBOL LEGEND

- CONNECT TO EXISTING
- # — PLUMBING NOTE
- XX-1 — FIXTURE / EQUIPMENT DESIGNATION
- FLOOR DRAIN
- HUB DRAIN
- FLOOR/GRADE CLEANOUT
- WALL CLEANOUT
- P-TRAP
- PIPING TURNING UP
- PIPING TURNING DOWN
- ISOLATION VALVE
- GATE VALVE
- PRESS. REDUCING VALVE
- SOLENOID VALVE
- BACKFLOW PREVENTER
- STRAINER
- UNION
- WALL HYDRANT
- PIPE CAP
- FLOW INDICATOR
- REDUCER
- T&P VALVE
- CHECK VALVE

ABBREVIATIONS

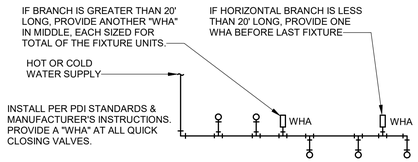
A	AMPS
ACFM	ACTUAL CUBIC FEET PER MINUTE
ACFH	ACTUAL CUBIC FEET PER HOUR
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
CD	CONDENSATE DRAIN PIPING
CFH	CUBIC FEET PER HOUR
CI	CAST IRON
CO	CLEANOUT
CTE	CONNECT TO EXISTING
CW	COLD WATER (DOMESTIC)
CWFU	COLD WATER FIXTURE UNIT
DFU	DRAINAGE FIXTURE UNIT
DI	DUCTILE IRON
DN	DOWN
ECO	EXTERIOR CLEANOUT
ELEV	ELEVATION
E OR EX	EXISTING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FOG	FATS, OIL, AND GREASE
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FLOOR SINK
FT OR '	FOOT OR FEET
FT	FLUSH TANK
FV	FLUSH VALVE
G	GAS PIPING
GAL	GALLON(S)
GPD	GALLONS PER DAY
GPF	GALLONS PER FLUSH
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GW	GREASE WASTE
GW&T	GREASE WASTE AND TRAP
HB	HOSE BIBB
HD	HUB DRAIN
HP	HORSE POWER
HW	HOT WATER (DOMESTIC)
HWFU	HOT WATER FIXTURE UNIT
HWR	HOT WATER RETURN (DOMESTIC)
Hz	HERTZ
IN OR "	INCH OR INCHES
INV	INVERT
IW	INDIRECT WASTE
KW	KILOWATT
LRA	LOCKED ROTOR AMPS
MBH	THOUSAND BRITISH THERMAL UNITS
MAX	MAXIMUM
MIN	MINIMUM
NC	NORMALLY CLOSED
NFWH	NON-FREEZE WALL HYDRANT
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OST	OVERFLOW (EMERGENCY) STORM
OSY	OUTSIDE SCREW AND YOKE
PRV	PRESSURE REDUCING VALVE
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SCFM	STANDARD CUBIC FEET PER MINUTE
SCFH	STANDARD CUBIC FEET PER HOUR
SCHED	SCHEDULE
SG	SPECIFIC GRAVITY
SS	SANITARY SEWER
ST	STORM DRAIN
SQFT	SQUARE FEET
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TMV	THERMOSTATIC MIXING VALVE
TOP	TOP OF PIPE
TP	TRAP PRIMER
V	VOLTS
VB	VACUUM BREAKER
VIV	VALVE IN VERTICAL
VTR	VENT THRU ROOF
W	WASTE
W/	WITH
W&T	WASTE AND TRAP
WC	WATER COLUMN
WCO	WALL CLEANOUT
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTER
WSFU	WATER SUPPLY FIXTURE UNIT

(NOT ALL SYMBOLS ARE USED)



- 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.

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



SINGLE/DOUBLE FIXTURE

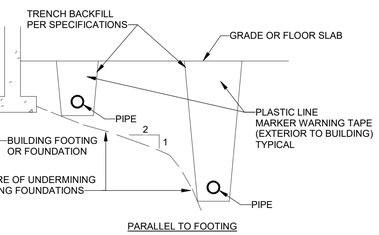
PDI UNITS	CONN. SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1"	61-113
E	1"	114-154
F	1"	155-330

MULTIPLE FIXTURES

FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	10	--
TANK WATER CLOSET	5	--
URINAL	5	--
LAVATORY / SINK	1.5	1.5
JANITOR'S SINK	2.25	2.25
SHOWER/BATHTUB/DF	2	2

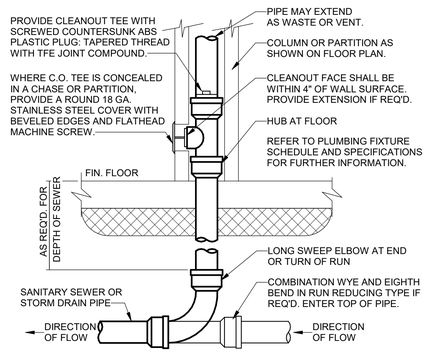
- FOR BATTERIES OF FIXTURES, PROVIDE WATER HAMMER ARRESTERS PER SPECS.
- INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE. PROVIDE ACCESSIBILITY TO "WHA" WHERE REQUIRED BY LOCAL CODE.

2 P0.01 WATER HAMMER ARRESTERS - WHA
NOT TO SCALE



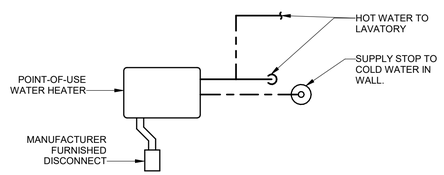
VERIFY EXCAVATION CONDITIONS (SOIL/ROCK) WITH GEOTECHNICAL REPORT AND/OR SITE INVESTIGATION. REFER TO SPECS FOR OTHER CONDITIONS.

3 P0.01 PIPE AND TRENCH LOCATION
NOT TO SCALE



PROVIDE WCO AT BASE OF ALL RAIN-LEADER DOWNSPOUTS. PROVIDE WCO WHERE SHOWN ON PLAN, AND ON SANITARY WASTE BRANCHES NOT SERVED WITH A FLOOR CLEANOUT. LOCATE ABOVE FIXTURE FLOOD RIM WITHIN 4' OF FLOOR. CONSULT LOCAL CODES FOR OTHER WCO REQUIREMENTS.

4 P0.01 WALL CLEANOUT SLAB ON GRADE - WCO
NOT TO SCALE



- REFER TO SCHEDULES FOR WATER HEATER SPECIFICATION.
- REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.

5 P0.01 ELECTRIC POINT-OF-USE WATER HEATER
NOT TO SCALE

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SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 40574 — EMILY L.B. ZIEGLER — 4/30/2025

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PLUMBING LEGEND, SCHEDULES, AND DETAILS

P0.01

PLAN GENERAL NOTES:

A. PROVIDE 3 W/FT HEAT TRACE (RAYCHEM WINTERGARD OR EQUIVALENT) AND ELECTRONIC THERMOSTAT (RAYCHEM EC-TS OR EQUIVALENT) FOR ALL NEW AND EXISTING WATER PIPING IN THIS BUILDING. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.

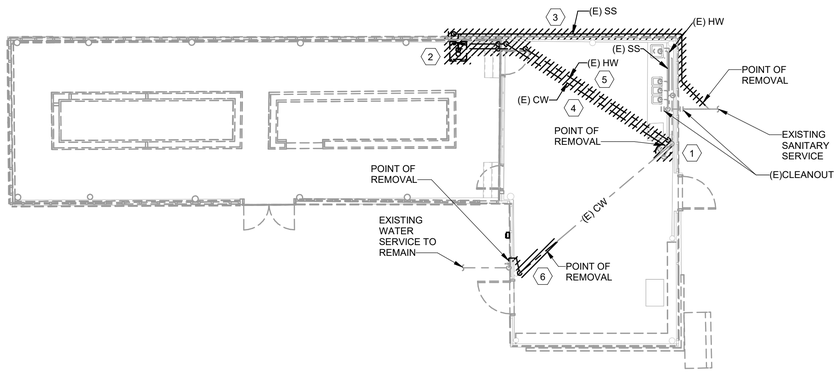
B. PROVIDE 1" THICK FIBERGLASS INSULATION WITH ASJ (OWENS CORNING SSL II OR EQUIVALENT) FOR ALL NEW AND EXISTING WATER PIPING IN THIS BUILDING.

C. EXISTING PIPING SHOWN ON THIS PLAN IS BASED ON NON-INVASIVE FIELD OBSERVATION. FIELD VERIFY EXACT LOCATIONS AND LAYOUT OF EXISTING PIPING AND NOTIFY ENGINEER OF ANY MAJOR DISCREPANCIES.

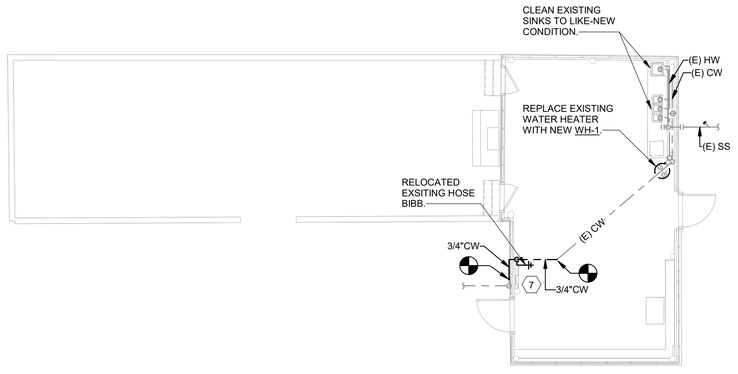
D. VERIFY CONDITION OF ALL EXISTING FIXTURES AND PIPING. REPORT ANY REPAIR OR MAINTENTANCE NEEDS TO OWNER'S REPRESENTATIVE.

PLAN KEYED NOTES: (#)

1. REMOVE EXISTING WATER HEATER. RETAIN EXISTING PIPING CONNECTIONS AND CONNECT TO NEW WH-1 AS SHOWN ON NEW WORK PLAN.
2. DEMOLISH EXISTING SINK AND ASSOCIATED PIPING.
3. DEMOLISH EXISTING WASTE PIPING TO POINT OF REMOVAL SHOWN AND CAP.
4. DEMOLISH EXISTING COLD WATER PIPING TO POINT OF REMOVAL SHOWN AND CAP.
5. DEMOLISH EXISTING HOT WATER PIPING BACK TO WATER HEATER AS SHOWN AND CAP.
6. DEMOLISH EXISTING COLD WATER PIPING ON BUILDING WALL AND INTO SPACE TO POINTS OF REMOVAL SHOWN. EXISTING HOSE BIBB ON EXTERIOR WALL TO REMAIN. EXTEND AS SHOWN ON NEW WORK PLAN.
7. EXTEND NEW 3/4"CW OVER FROM EXTERIOR, INTO NEW WALL, UP INTO CEILING AS SHOWN. RELOCATE EXISTING INTERIOR HOSE BIBB TO NEW WALL AND CONNECT TO NEW PIPING. COORDINATE NEW PIPING AND PENETRATION WITH NEW ELECTRICAL PANEL IN THIS WALL.



1 P1.01 PLUMBING DEMOLITION PLAN - BUILDING A
1/8" = 1'-0"
0 8' 16' 24'



2 P1.01 PLUMBING PLAN - BUILDING A
1/8" = 1'-0"
0 8' 16' 24'

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PLUMBING FLOOR PLANS - BUILDING A

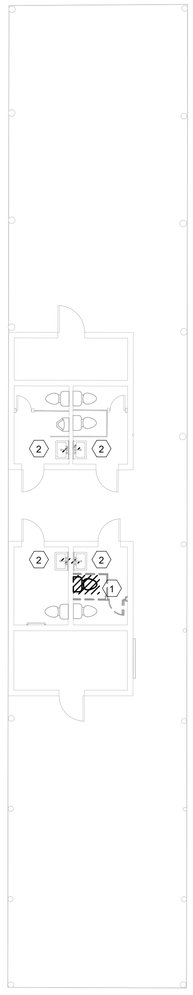
P1.01

PLAN GENERAL NOTES:

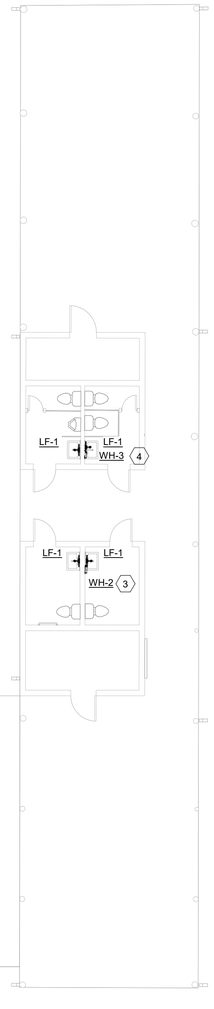
A. VERIFY CONDITION OF ALL EXISTING FIXTURES AND PIPING. REPORT ANY REPAIR OR MAINTENTANCE NEEDS TO OWNER'S REPRESENTATIVE.

PLAN KEYED NOTES: (#)

1. DEMOLISH EXISTING WATER CLOSET AND ALL ASSOCIATED PIPING. DEMOLISH WASTE FLANGE AND CAP PIPING BELOW SLAB. DEMOLISH WATER PIPING BACK INTO WALL AND CAP. PATCH AND REPAIR SLAB AND WALL TO LIKE NEW CONDITION.
2. REMOVE EXISTING LAVATORY FAUCET AND REPLACE WITH NEW LF-1 AS SHOWN ON NEW WORK PLAN.
3. EXTEND AND CONNECT EXISTING CW IN WALL AND CONNECT TO NEW WH-2. CONNECT HW FROM WH-2 TO EXISTING LAVATORIES.
4. EXTEND AND CONNECT EXISTING CW IN WALL AND CONNECT TO NEW WH-3. CONNECT HW FROM WH-3 TO EXISTING LAVATORIES.



1 P1.02 PLUMBING DEMOLITION PLAN - BUILDING B
1/8" = 1'-0"
0 8' 16' 24'



2 P1.02 PLUMBING DOMESTIC WATER PLAN - BUILDING B
1/8" = 1'-0"
0 8' 16' 24'

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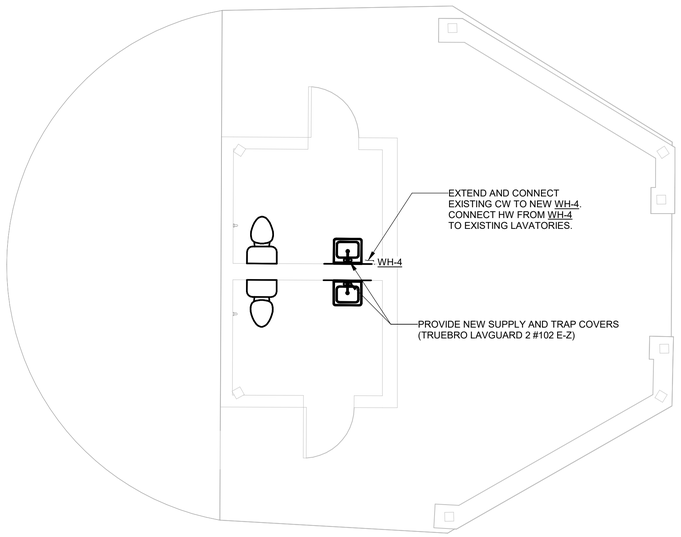
PLUMBING FLOOR PLANS - BUILDING B

P1.02

PLAN GENERAL NOTES:

A. VERIFY CONDITION OF ALL EXISTING FIXTURES AND PIPING. REPORT ANY REPAIR OR MAINTENTANCE NEEDS TO OWNER'S REPRESENTATIVE.



1 / P1.07 PLUMBING DOMESTIC WATER PLAN - BUILDING G

1/4" = 1'-0"

0 4' 8' 12'

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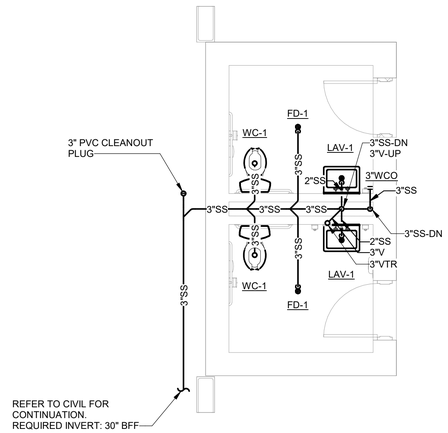
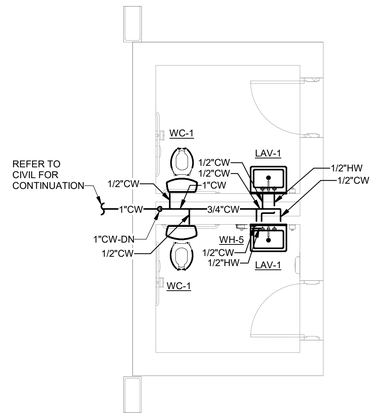
PLUMBING FLOOR PLANS - BUILDING G

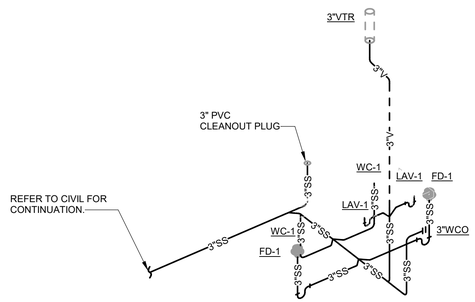
P1.07



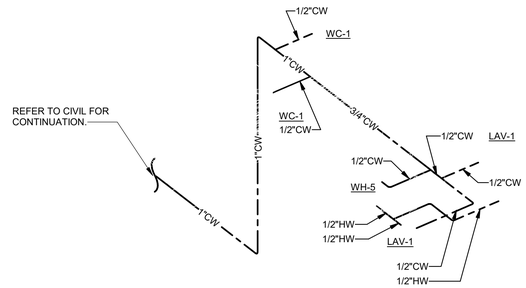
1 P1.08 PLUMBING WASTE & VENT PLAN - BUILDING H
1/4" = 1'-0"
0 4' 8' 12'



2 P1.08 PLUMBING DOMESTIC WATER PLAN - BUILDING H
1/4" = 1'-0"
0 4' 8' 12'



3 P1.08 SANITARY WASTE & VENT RISER DIAGRAM
NOT TO SCALE



4 P1.08 DOMESTIC WATER RISER DIAGRAM
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PLUMBING FLOOR PLANS - BUILDING H

P1.08

HVAC SYMBOLS AND CONVENTIONS

SYMBOL	DESCRIPTION
	TURNING VANES
	MANUAL VOLUME DAMPER
FD	FIRE DAMPER
FSD	FIRE/SMOKE DAMPER
SD	SMOKE DETECTOR
M	MOTOR OPERATED DAMPER
T	DUCTWORK TEMPERATURE SENSOR
H	DUCTWORK HUMIDITY SENSOR
SP	DUCTWORK STATIC PRESSURE SENSOR
	SUPPLY DUCT (UP/DOWN)
	RETURN DUCT (UP/DOWN)
	EXHAUST DUCT (UP/DOWN)
	FLEX DUCT
H	HUMIDISTAT/HUMIDITY SENSOR
T	THERMOSTAT
S	SPACE TEMPERATURE SENSOR
C	CARBON DIOXIDE SENSOR
UCD	UNDERCUT DOOR
	RETURN / EXHAUST AIRFLOW DIRECTION
	SUPPLY AIRFLOW DIRECTION
DP	PIPING DIFFERENTIAL PRESSURE SENSOR
	POINT OF CONNECTION NEW TO EXISTING
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	EXHAUST DIFFUSER
	LINEAR SLOT DIFFUSER
	REMOVE TO POINT AND CAP
	REMOVE TO POINT FOR RECONNECTION
	UNION
	PIPE BRANCH TAKE-OFF FROM BOTTOM
	PIPE BRANCH TAKE-OFF FROM TOP
	PIPE DROP
	PIPE RISE
CD	AC CONDENSATE DRAIN PIPING

EQUIPMENT TAGGING LEGEND

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

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
GDH	GAS DUCT HEATER	TSP	TOTAL STATIC PRESSURE
GE	GENERAL EXHAUST	UC	UNDERCUT DOOR
GF	GAS FURNACE	VAV	VARIABLE AIR VOLUME
GH	GRAVITY HOOD	VD	VOLUME DAMPER
GUH	GAS UNIT HEATER	VFD	VARIABLE FREQUENCY DRIVE
HC	HEATING COIL	WMS	WIRE MESH SCREEN

FAN SCHEDULE

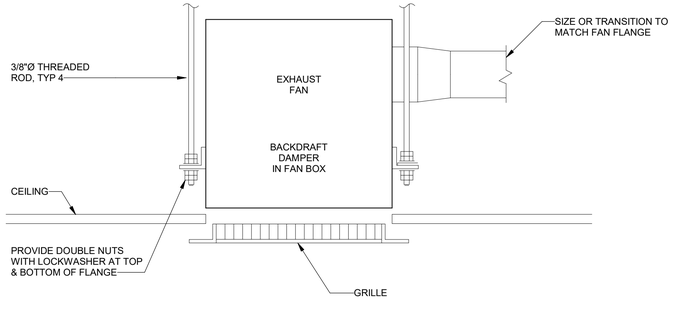
MARK	MANUFACTURER MODEL	AREA SERVED	SERVICE	TYPE	CFM	STATIC PRESSURE (IN WG)	NOMINAL RPM	DRIVE TYPE	ELECTRICAL DATA		MOTOR HP (WATTS)	CONTROL	SONES	WEIGHT	NOTES
									VOLTAGE	PHASE					
EF-B1	GREENHECK SP-A200	BUILDING B RESTROOM	EXHAUST	CEILING	140	.125	589	DIRECT	115	1	(15)	LIGHT SWITCH	0.4	25	1 - 11
EF-B2	GREENHECK SP-A200	BUILDING B RESTROOM	EXHAUST	CEILING	140	.125	589	DIRECT	115	1	(15)	LIGHT SWITCH	0.4	25	1 - 11
EF-B3	GREENHECK SP-A90	BUILDING B RESTROOM	EXHAUST	CEILING	70	.125	717	DIRECT	115	1	(8)	LIGHT SWITCH	0.3	15	1 - 11
EF-B4	GREENHECK SP-A90	BUILDING B RESTROOM	EXHAUST	CEILING	70	.125	717	DIRECT	115	1	(8)	LIGHT SWITCH	0.3	15	1 - 11
EF-H1	GREENHECK SP-A90	BUILDING H RESTROOM	EXHAUST	CEILING	70	.125	717	DIRECT	115	1	(8)	LIGHT SWITCH	0.3	15	1 - 11
EF-H2	GREENHECK SP-A90	BUILDING H RESTROOM	EXHAUST	CEILING	70	.125	717	DIRECT	115	1	(8)	LIGHT SWITCH	0.3	15	1 - 11

NOTES:
1. PROVIDE UNIT WITH GRAVITY BACKDRAFT DAMPER.
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. PROVIDE WITH ROOF CAP.
11. ACCEPTABLE EQUALS SHALL BE ACME, CARNES, COOK, AND PENN.

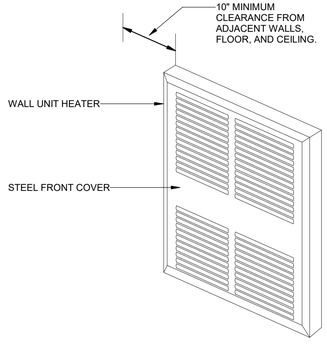
ELECTRIC UNIT HEATER SCHEDULE

MARK	MANUFACTURER MODEL	AREA SERVED	CFM	HEAT		ELECTRICAL DATA		NOTES
				KW	MBH	VOLTAGE	PHASE	
EUH-B1	QMARK CWH1202DSF	BUILDING B RESTROOM	65	1.5	5.12	120	1	1 - 7
EUH-B2	QMARK CWH1202DSF	BUILDING B RESTROOM	65	1.5	5.12	120	1	1 - 7
EUH-B3	QMARK CWH1151DSF	BUILDING B RESTROOM	65	0.75	2.56	120	1	1 - 7
EUH-B4	QMARK CWH1151DSF	BUILDING B RESTROOM	65	0.75	2.56	120	1	1 - 7
EUH-G1	QMARK CWH1151DSF	BUILDING G RESTROOM	65	1.5	5.12	120	1	1 - 7
EUH-G2	QMARK CWH1151DSF	BUILDING G RESTROOM	65	1.5	5.12	120	1	1 - 7
EUH-H1	QMARK CWH1151DSF	BUILDING H RESTROOM	65	1.5	5.12	120	1	1 - 7
EUH-H2	QMARK CWH1151DSF	BUILDING H RESTROOM	65	1.5	5.12	120	1	1 - 7

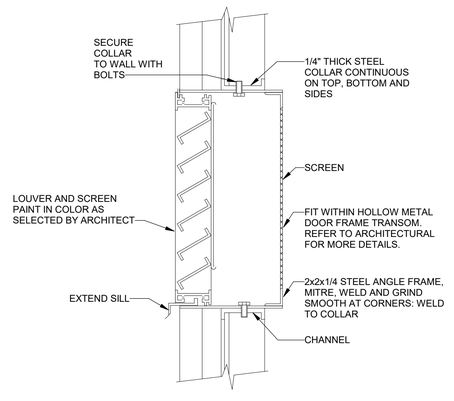
NOTES:
1. UNITS SHALL BE U.L. LISTED.
2. PROVIDE THERMAL OVERLOAD PROTECTION.
3. MANUFACTURER INTEGRAL THERMOSTAT. SET TEMPERATURE AT 60°F.
4. PROVIDE UNIT WITH INTEGRAL DISCONNECT SWITCH.
5. PROVIDE 24 VOLT TRANSFORMER START/STOP RELAY.
6. ACCEPTABLE EQUALS SHALL BE MARKEL AND REZNOR.
7. PROVIDE MANUFACTURERS SURFACE MOUNTING FRAME AND BOX KIT.



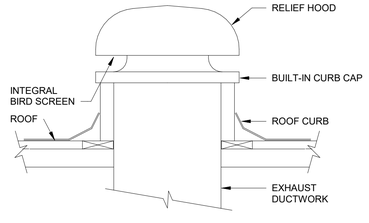
1 M0.01 CEILING EXHAUST FAN
NOT TO SCALE



2 M0.01 ELECTRIC UNIT HEATER - WALL-MOUNTED
NOT TO SCALE



3 M0.01 OUTSIDE AIR LOUVER
NOT TO SCALE



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

4 M0.01 EXHAUST MUSHROOM ROOF CAP
NOT TO SCALE

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Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

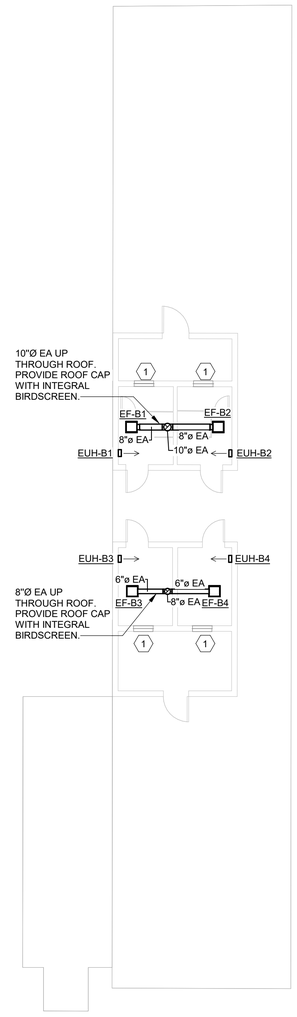
Project Number	23236
Drawn By	WJS
Checked By	EBZ
Date	30 APR 2025

Revisions

Drawing

MECHANICAL LEGEND, SCHEDULES, AND DETAILS

M0.01



1 / M1.02 MECHANICAL FLOOR PLAN - BUILDING B
1/8" = 1'-0"
0 8' 16' 24'

MECHANICAL KEYNOTES: (#)

1. GRATES ARE EXISTING TO REMAIN. ENSURE MAKEUP AIR PATH IS CLEAR.

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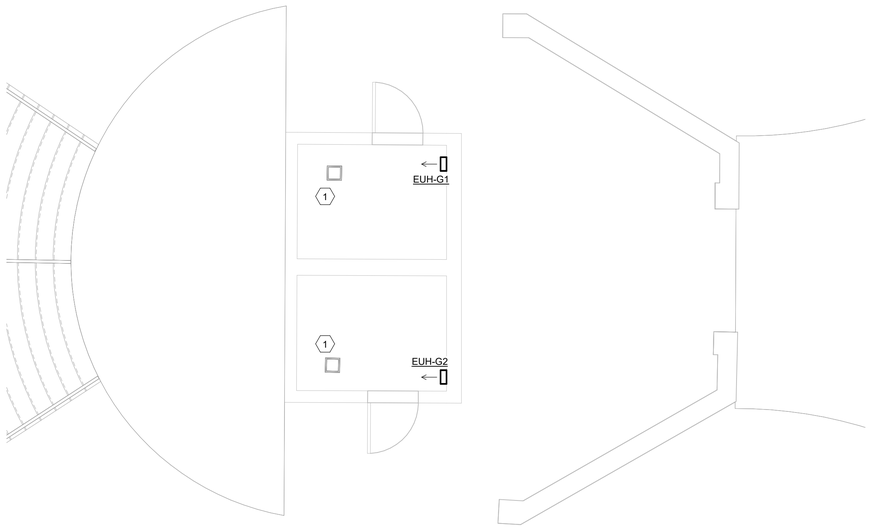
MECHANICAL FLOOR PLAN - BUILDING B

M1.02

MECHANICAL KEYNOTES: (#)

1. RESTROOM EXHAUST FAN IS EXISTING TO REMAIN. FIELD VERIFY PROPER OPERATION AND LOCATION. VERIFY CONDITION OF EXISTING EXHAUST OUTLET TO EXTERIOR AND REPORT ANY REPAIR OR MAINTENANCE NEEDS TO OWNER'S REPRESENTATIVE.



1 / M1.07 MECHANICAL FLOOR PLAN - BUILDING G
1/4" = 1'-0"
0 4' 8' 12'

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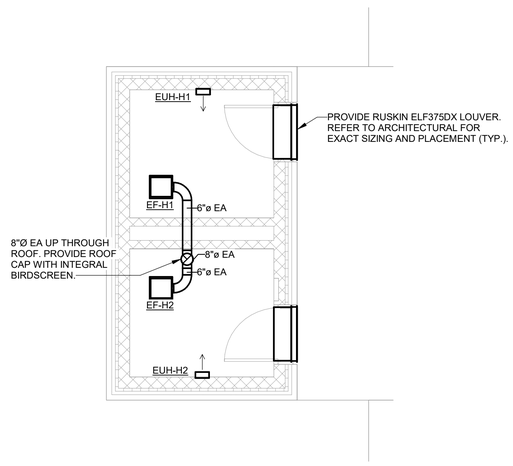
MECHANICAL FLOOR PLAN - BUILDING G

M1.07



1 / M1.08 MECHANICAL FLOOR PLAN - BUILDING H

1/4" = 1'-0"

0 4' 8' 12'

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MECHANICAL FLOOR PLAN - BUILDING H

M1.08

WIRING DEVICE SYMBOL LEGEND

SYMBOL	DESCRIPTION
A-1	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. PROVIDE DEDICATED NEUTRALS. 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
E101	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
J J	JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED BY CODE OR AS NOTED ON DRAWINGS
	VERTICAL SERVICE POLE
	COMBINATION IN FLOOR POWER / DATA / A/V DEVICE.
	PUSHBUTTON
M	MOTOR. SEE DRAWINGS FOR DESCRIPTION
30A/3P/20/1	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
B	DOOR BELL

DISTRIBUTION SYMBOL LEGEND

SYMBOL	DESCRIPTION
	ELECTRICAL PANEL, SURFACE MOUNTED.
	ELECTRICAL PANEL, FLUSH MOUNTED.
T1	TRANSFORMER
ATS	AUTOMATIC TRANSFER SWITCH

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.
WAP	WIRELESS ACCESS POINT. CEILING MOUNTED UNLESS NOTED OTHERWISE ON PLAN. COORDINATE PROVISIONS AND REQUIREMENTS WITH OWNER.
TV	TELEVISION OUTLET. SINGLE GANG BOX WITH SINGLE GANG PLASTER RING. PROVIDE WITH ADJACENT DUPLEX RECEPTACLE.
SC	SECURITY CAMERA. COORDINATE REQUIREMENTS WITH OWNER.

LIGHTING & CONTROL SYMBOL LEGEND

SYMBOL	DESCRIPTION
S_x	20A SWITCH AT 44" CL AFF, UNO
D_x	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
OS	OCCUPANCY SENSOR - CEILING MOUNTED
PC	PHOTOCELL
DS	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
NL NL	LIGHT FIXTURE, HALF SHADING INDICATES INTEGRAL EMERGENCY BATTERY. "NL" INDICATES 24/7 OPERATION (UNSWITCHED).

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
ETR	EXISTING TO REMAIN
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
MOCP	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 CIRCUITING GUIDE

SYMBOL	DESCRIPTION
B / X-1 (a)	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
X-1 XXXX	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 FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL #	VOLTS	LAMP* OR DRIVER**				MOUNTING	REMARKS
					QTY*	WATTS	LUMENS**	TYPE		
EM	EMERGENCY LIGHTING UNIT, WHITE POLYCARBONATE HOUSING, LITHIUM IRON PHOSPHATE BATTERY, TWO HEAD, UL 924 LISTED, SELF-DIAGNOSTICS	HOLOPHANE OR EQUAL BY SIGNTEX OR EMERGI-LITE	CZQ4L-UVOLT-LTP-SDRT	120/277	-	6.6	640	LED	WALL AT 8'-0" AFF	
FP	LED IN-GRADE FLAGPOLE LIGHT, GLASS-REINFORCED POLYMER HOUSING, 1/4" THICK TEMPERED PRESSED CLEAR GLASS, RATED FOR DRIVE OVER APPLICATIONS, UL LISTED FOR WET LOCATIONS.	VISTA LIGHTING OR EQUAL BY B-K LIGHTING OR HYDREL	1185-B-MF-40-B-MV-AX-ND-T05	120/277	-	21	1431	4000K LED	IN-GRADE	
FR	LED TWO HEADED FLOOD LIGHT, DIE-CAST ALUMINUM, ARCHITECTURAL BLACK, UL LISTED FOR WET LOCATIONS.	WAC LIGHTING OR EQUAL BY HUBBELL OR LITHONIA	WP-LED430-50-aBK	120	-	30	1030 PER HEAD	5000K LED	SURFACE	
FS	LED ENTRANCE SIGN FLOOD LIGHT, BLACK ALUMINUM BODY, ADJUSTABLE KNUCKLE, CUTOFF VISOR, TEMPERED GLASS LENS, UL LISTED FOR WET LOCATIONS. INTEGRAL DRIVER, CLEAR LENS, HONEYCOMB BAFFLE, CUTOFF VISOR	B-K LIGHTING OR EQUAL BY HYDREL OR KIM LIGHTING	YO LED TR X133 WW BLP 9 11 CV MT	120/277	-	23	2000	4000K LED	GRADE	
PS	3" PERFORMANCE PROJECTOR SPOT LIGHT, DIE-CAST ALUMINUM HOUSING, TEMPERED GLASS LENS, 40° OPTICS, 0-10V DIMMING, UL LISTED FOR WET LOCATIONS	INSIGHT LIGHTING OR EQUAL BY PERFORMANCE IN LIGHTING OR WE-EF	PS3-SO-40K-40°-SM-120-DIM-TBL	120	-	10	1300	4000K LED	SURFACE	
SC	10" LED SQUARE CANOPY FIXTURE, CAST ALUMINUM HOUSING, POWDER COAT FINISH, IMPACT RATED FROSTED LENS, UL LISTED FOR WET LOCATIONS	LITHONIA OR EQUAL BY LUMARK OR BEACON	CNY LED ALO SWW2 UVOLT PE PIR DDB M2	120/277	-	52	7500	4000K LED	SURFACE	
SP	4' LED VANDAL RESISTANT FIXTURE, FROSTED POLYCARBONATE HOUSING, TAMPER RESISTANT LATCHES, POLYCARBONATE CLEAR LENS, UL LISTED FOR WET LOCATIONS	LITHONIA OR EQUAL BY COLUMBIA OR METALUX	VAP 4000LM PCL WD MVOLT 40K 80CRI	120/277	-	33	4000	4000K LED	SURFACE	
SPE	SAME AS 'SP' EXCEPT WITH UL924 LISTED 10W EMERGENCY BATTERY PACK	LITHONIA OR EQUAL BY COLUMBIA OR METALUX	VAP 4000LM PCL WD MVOLT 40K 80CRI E15WCP	120/277	-	33	4000	4000K LED	SURFACE	
ST4	4' LED STRIP FIXTURE, FLAT DIFFUSE ACRYLIC LENS, GENERAL DISTRIBUTION, WHITE FINISH, COLD ROLLED STEEL HOUSING	LITHONIA OR EQUAL BY COLUMBIA OR METALUX	ZL1D L48 5000LM FST MVOLT 40K 80CRI	120/277	-	41	5000	4000K LED	SURFACE	
WPE	LED WALL PACK, DIE-CAST ALUMINUM HOUSING, SURFACE MOUNT, UL LISTED FOR WET LOCATIONS, WITH INTEGRAL COLD WEATHER EMERGENCY BATTERY UNIT, UL924 LISTED, PHOTOCELL BUTTON TYPE	LITHONIA OR EQUAL BY HE WILLIAMS, OR LUMARK	WDGE2-LED-P3-40K-80CRI-VW-MVOLT-SRM-E20WC-PE	120/277	-	23	3000	4000K LED		
XC	COMBINATION LED EXIT SIGN & EMERGENCY LIGHTING UNIT, WHITE THERMOPLASTIC HOUSING, HIGH OUTPUT NI-CAD BATTERY, TWO HEADS, RED STENCIL LED LETTERS, UL924 LISTED, UNIVERSAL MOUNTING, SINGLE FACE WITH EXTRA FACEPLATE & COLOR PANEL, SELF DIAGNOSTICS	HOLOPHANE OR EQUAL BY SIGNTEX, OR EMERGI-LITE	QM-LED-R-HO-SD	120/277	-	6	-	TWO 1.5W LED HEADS & RED COLOR LED EXIT	WALL MOUNT AT 7'-6" OR BOTTOM OF FIXTURE 6" ABOVE DOOR FRAME, OR CEILING MOUNT, PER PLANS	
XR	REMOTE EMERGENCY LIGHTING UNIT, UV-STABILIZED THERMOPLASTIC HOUSING, BLACK, ADJUSTABLE TWIN LAMP HEAD, SELF-DIAGNOSTICS, UL LISTED FOR WET LOCATION	HOLOPHANE OR EQUAL BY SIGNTEX OR EMERGI-LITE	ELA-QM-B-T-WP-L0309-SD-M12	120/277	-	3	-	TWO 1.5W LED HEADS		

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

A. FINISHES SHALL BE CONFIRMED BY ARCHITECT OR OWNER PRIOR TO ORDERING.

B. 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.

C. LED DRIVERS SHALL BE MULTI-VOLT. IF MULTI-VOLT DRIVERS ARE NOT AVAILABLE, THEN REQUIRED VOLTAGE SHALL BE VERIFIED WITH ENGINEER PRIOR TO ORDERING.

D. ENSURE THAT LIGHTING CONTROL DEVICES ARE COMPATIBLE WITH FIXTURES AND LAMPS.

E. PROVIDE ALL REQUIRED HARDWARE FOR PENDANT MOUNTED FIXTURES. VERIFY TYPE REQUIRED WITH ARCHITECT.

F. PROVIDE MOUNTING KITS AND/OR ACCESSORIES REQUIRED FOR INSTALLING FIXTURES IN VARIOUS CEILING TYPES. VERIFY CEILING TYPES WITH ARCHITECTURAL DRAWINGS.

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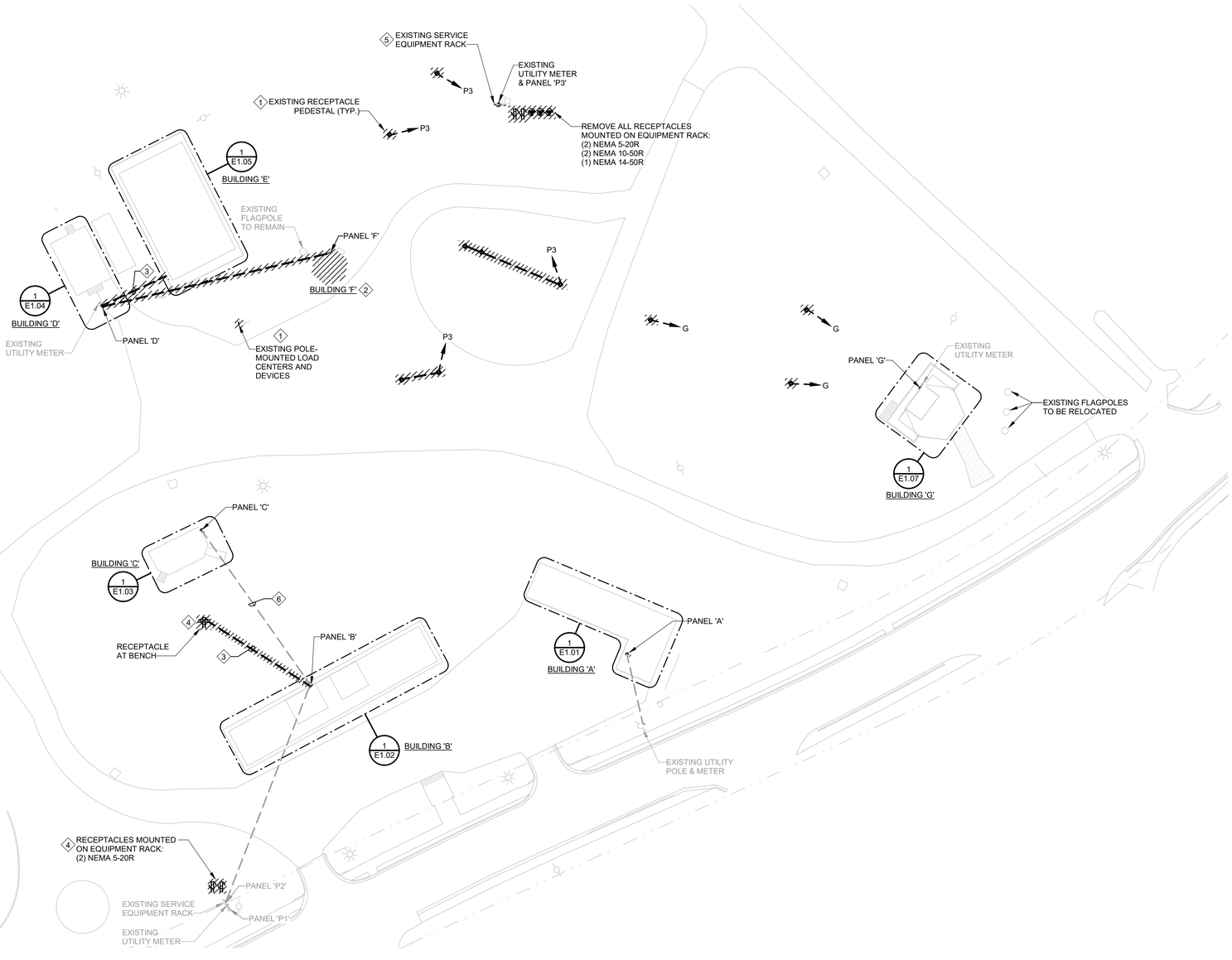
ELECTRICAL LEGEND AND LIGHTING FIXTURE SCHEDULE

E0.01



1 E0.50 ELECTRICAL SITE PLAN - DEMOLITION
1" = 30'-0"
0 30' 60' 90'

GENERAL NOTES FOR SITE WORK:

A. CONTRACTOR SHALL NOT COMMENCE EXCAVATION OR DIGGING UNTIL AFTER CONTRACTOR HAS HAD UTILITY LOCATING SERVICES LOCATE AND IDENTIFY ALL EXISTING UNDERGROUND UTILITIES AND OTHER SYSTEMS. DAMAGE CAUSED TO EXISTING SYSTEMS SHALL BE REPAIRED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.

GENERAL NOTES FOR DEMOLITION:

A. FOR ALL EXISTING FIXTURES, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

B. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

C. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING.

D. FIELD VERIFY ALL CIRCUITS.

E. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

F. FOR DEVICES DENOTED AS FOLLOWS, PROVIDE WORK DESCRIBED:

- (ETR) DENOTES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. RECIRCUIT TO NEW PANEL.

KEYED NOTES: ◇#

1. EXISTING ITEM TO BE REMOVED. IF EXISTING CIRCUIT WIRING IS IN CONDUIT BELOW GRADE, REMOVE CONDUCTORS, CUT OFF CONDUIT BELOW GRADE AND ABANDON. IF DIRECT-BURIED CUT OFF BELOW GRADE AND ABANDON.
2. EXISTING BUILDING TO REMAIN. REMOVE PANEL AND ALL ELECTRICAL IN BUILDING.
3. EXISTING WIRING TO BE REPLACED.
4. EXISTING DEVICE AND COVERS TO BE REPLACED. SEE PROPOSED SITE PLAN FOR MORE INFORMATION.
5. EXISTING SERVICE EQUIPMENT RACK TO BE REPLACED. SEE PROPOSED SITE PLAN FOR MORE INFORMATION REGARDING CONSTRUCTION OF NEW RACK.
6. SEE RISER DIAGRAM FOR WORK ASSOCIATED WITH THIS FEEDER.

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SOUTH CAROLINA — PROFESSIONAL ENGINEER — NO. 22785 — SHANNON L. EVANS — 1-30-2025

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Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

Project Number	23236
Drawn By	SMD
Checked By	SLE
Date	30 APR 2025

Revisions

Drawing

ELECTRICAL SITE PLAN - DEMOLITION

E0.50

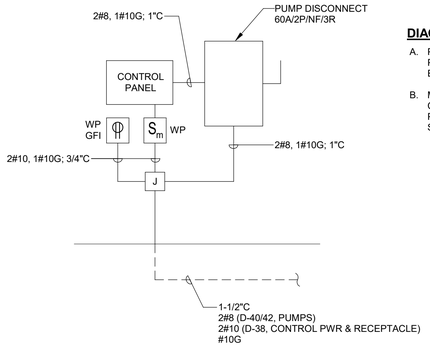
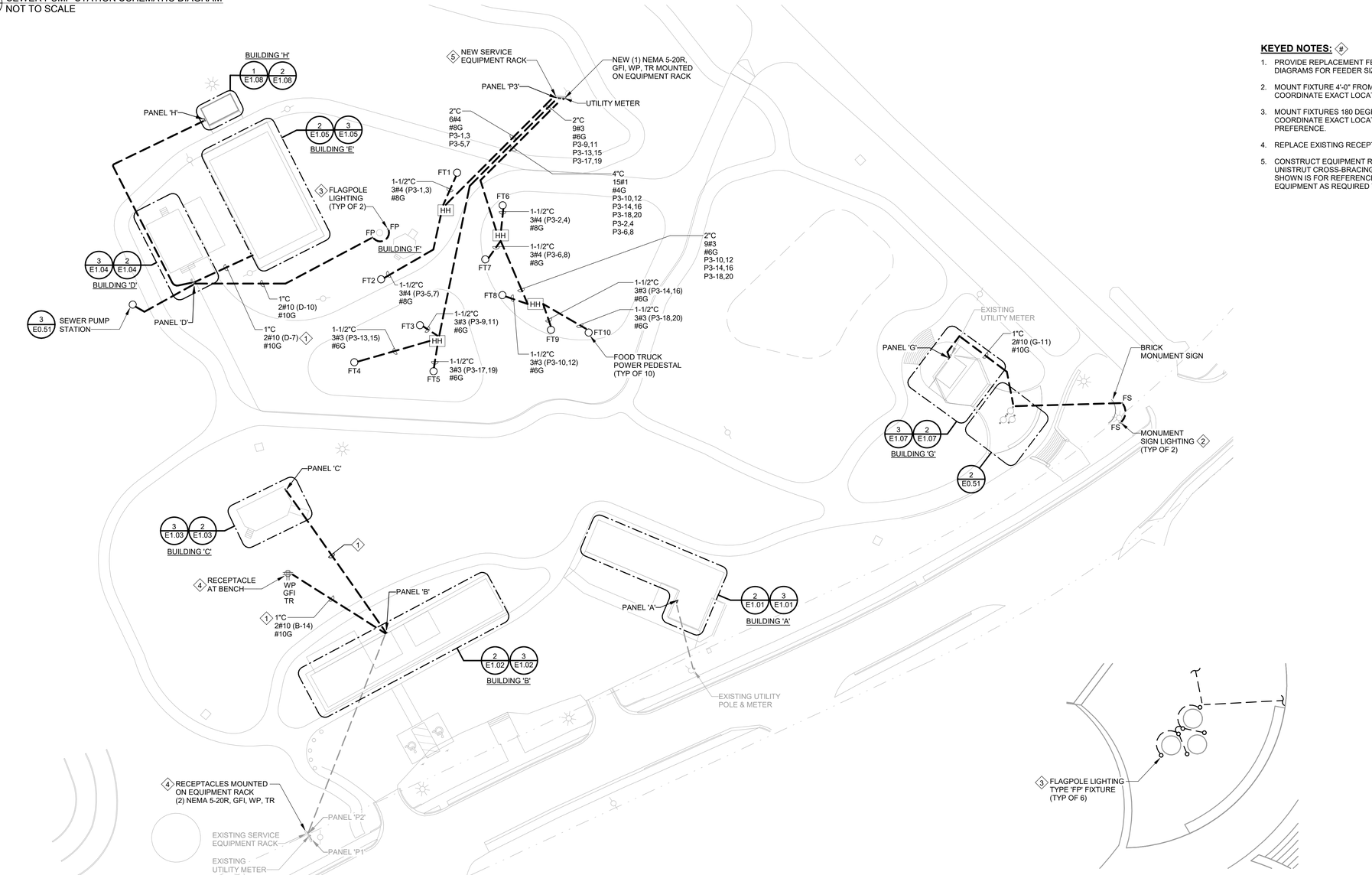


DIAGRAM NOTES:

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.

3 / E0.51 SEWER PUMP STATION SCHEMATIC DIAGRAM
NOT TO SCALE



1 / E0.51 ELECTRICAL SITE PLAN - PROPOSED
1" = 30'-0"
0 30' 60' 90'

2 / E0.51 ENLARGED ELECTRICAL SITE PLAN - FLAGPOLE PLAZA
1" = 10'-0"
0 10' 20' 30'

GENERAL NOTES FOR SITE WORK:

A. VERIFY DISTANCE AND PROVIDE CONDUCTORS SIZED AS REQUIRED FOR ACCEPTABLE VOLTAGE DROP PER NEC.

B. CONDUIT LINES SHALL HAVE A CONTINUOUS SLOPE DOWNWARD AND AWAY FROM EQUIPMENT SO THAT WATER WILL FLOW AWAY FROM THE EQUIPMENT. TRENCHES SHALL BE EXCAVATED ALONG STRAIGHT LINES BEFORE CONDUITS ARE LAID SO THAT THE ELEVATION CAN BE ADJUSTED, IF NECESSARY, TO AVOID UNSEEN OBSTRUCTIONS. MANUFACTURED BENDS SHALL HAVE A MINIMUM RADIUS OF 48" FOR UTILITY SERVICE CONDUITS, 36" FOR OTHER CONDUITS.

C. ALL CONDUITS SHALL BE SEALED WATERTIGHT ON INTERIOR AND EXTERIOR OF EQUIPMENT AND BUILDING TO PREVENT MOISTURE INFILTRATION. SEALANTS SHALL BE LISTED AND IDENTIFIED FOR USE WITH THE CABLE INSULATION OR OTHER COMPONENTS.

D. CONTRACTOR SHALL NOT COMMENCE EXCAVATION OR DIGGING UNTIL AFTER CONTRACTOR HAS HAD UTILITY LOCATING SERVICES LOCATE AND IDENTIFY ALL EXISTING UNDERGROUND UTILITIES AND OTHER SYSTEMS. DAMAGE CAUSED TO EXISTING SYSTEMS SHALL BE REPAIRED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.

E. PROVIDE JUNCTION/PULL BOXES AT INTERVALS REQUIRED BY NEC.

F. REFER TO SHEET E0.01 FOR LIGHTING FIXTURE SCHEDULE.

G. MINIMUM CONDUIT SIZE FOR SITE CIRCUITS IS 1".

H. UNLESS NOTED OTHERWISE ON CIVIL DRAWINGS, DO NOT DISTURB EXISTING CONCRETE OR ASPHALT SURFACES ON SITE. BORE UNDER SUCH SURFACES AS REQUIRED TO INSTALL SITE CONDUITS.

KEYED NOTES: #

1. PROVIDE REPLACEMENT FEEDER OR BRANCH CIRCUIT. REFER TO RISER DIAGRAMS FOR FEEDER SIZES NOT SHOWN ON THIS PLAN.
2. MOUNT FIXTURE 4'-0" FROM SIGN. AIM TO ILLUMINATE SIGN EVENLY. COORDINATE EXACT LOCATION TO SUIT OWNER'S PREFERENCE.
3. MOUNT FIXTURES 180 DEGREES APART, 2'-6" FROM ASSOCIATED FLAGPOLE. COORDINATE EXACT LOCATION AND AIM OF LIGHT TO SUIT OWNER'S PREFERENCE.
4. REPLACE EXISTING RECEPTACLE AND COVER WITH NEW.
5. CONSTRUCT EQUIPMENT RACK USING GALVANIZED STEEL POSTS AND UNISTRUT CROSS-BRACING. RACK AND EQUIPMENT ARRANGEMENT AS SHOWN IS FOR REFERENCE ONLY; CONSTRUCT RACK AND ARRANGE EQUIPMENT AS REQUIRED TO MOUNT ACTUAL EQUIPMENT PROVIDED.

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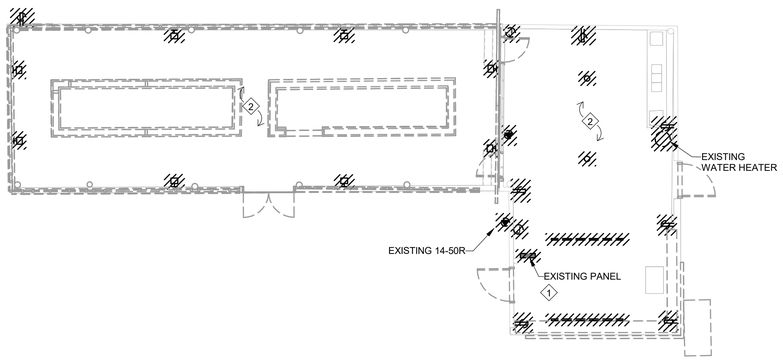
ELECTRICAL SITE PLAN - PROPOSED

E0.51



1 E1.01 ELECTRICAL DEMOLITION PLAN - BUILDING A
1/8" = 1'-0"
0 8' 16' 24'

GENERAL NOTES FOR DEMOLITION:

A. FOR ALL EXISTING FIXTURES, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

B. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

C. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING.

D. FIELD VERIFY ALL CIRCUITS.

E. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

F. FOR DEVICES DENOTED AS FOLLOWS, PROVIDE WORK DESCRIBED:

- (ETR) DENOTES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. RECIRCUIT TO NEW PANEL.

GENERAL NOTES FOR NEW WORK:

A. EMERGENCY LIGHTS/EXIT SIGNS 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.

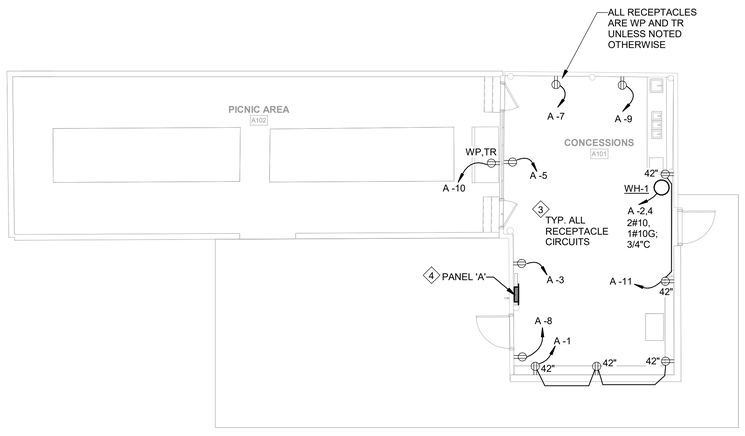
KEYED NOTES:

1. EXISTING PANEL TO BE REPLACED IN NEW LOCATION SHOWN ON NEW WORK PLAN. REFER TO RISER DIAGRAM 1/E2.01.

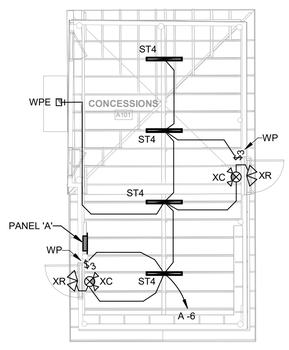
2. UNLESS NOTED OTHERWISE, ALL DEVICES AND FIXTURES ARE TO BE REMOVED IN THEIR ENTIRETY. THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD.

3. FEED CIRCUIT FROM GFCI BREAKER.

4. COORDINATE MOUNTING OF PANEL IN NEW CHASE WALL TO CONCEAL ALL CONDUITS ABOVE AND BELOW, AND WITH PLUMBING PIPING IN THIS AREA.



2 E1.01 ELECTRICAL POWER PLAN - BUILDING A
1/8" = 1'-0"
0 8' 16' 24'



3 E1.01 ELECTRICAL LIGHTING PLAN - BUILDING A
1/8" = 1'-0"
0 8' 16' 24'

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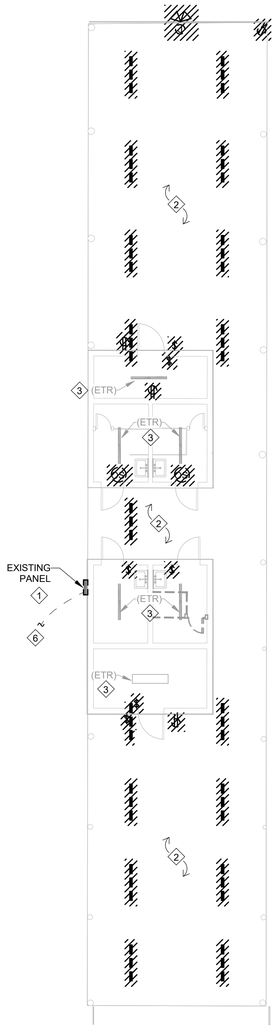
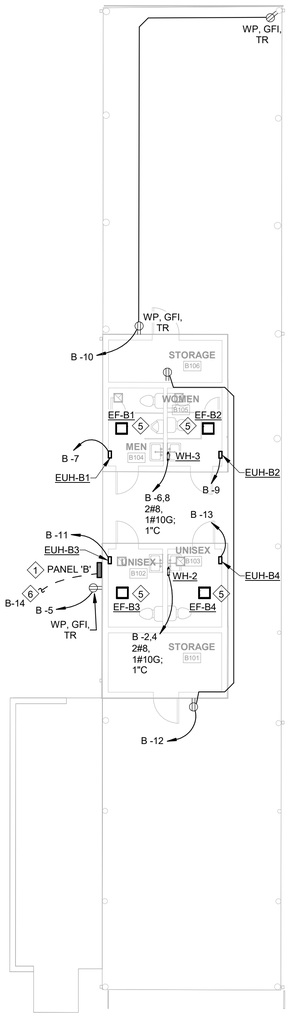
ELECTRICAL PLANS - BUILDING A

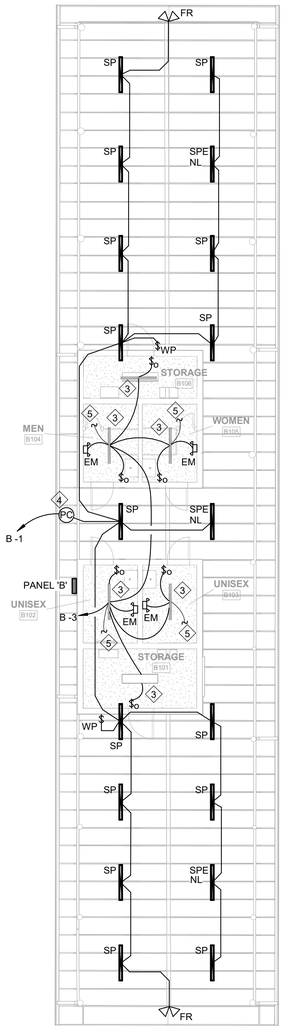
E1.01



1 E1.02 ELECTRICAL DEMOLITION PLAN - BUILDING B
1/8" = 1'-0"
0 8' 16' 24'



2 E1.02 ELECTRICAL POWER PLAN - BUILDING B
1/8" = 1'-0"
0 8' 16' 24'



3 E1.02 ELECTRICAL LIGHTING PLAN - BUILDING B
1/8" = 1'-0"
0 8' 16' 24'

GENERAL NOTES FOR DEMOLITION:

A. FOR ALL EXISTING FIXTURES, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

B. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

C. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING.

D. FIELD VERIFY ALL CIRCUITS.

E. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

F. FOR DEVICES DENOTED AS FOLLOWS, PROVIDE WORK DESCRIBED:

- (ETR) DENOTES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. RECIRCUIT TO NEW PANEL.

GENERAL NOTES FOR NEW WORK:

A. EMERGENCY LIGHTS/EXIT SIGNS 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.

KEYED NOTES: (#)

1. EXISTING PANEL TO BE REPLACED IN SAME LOCATION AND RENAMED. REFER TO RISER DIAGRAM 2/E2.01 FOR ADDITIONAL REQUIREMENTS.
2. UNLESS NOTED OTHERWISE, ALL DEVICES AND FIXTURES ARE TO BE REMOVED IN THEIR ENTIRETY. THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD.
3. EXISTING FIXTURE OR DEVICE TO BE CLEANED AND REMAIN. REMOVE EXISTING WIRING/CONDUIT AND RECONNECT TO NEW PANEL WITH NEW WIRING AND CONDUIT.
4. ROUTE CIRCUIT VIA PHOTOCELL MOUNTED ON ROOF FACING NORTH. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
5. EXHAUST FAN SHALL BE CONTROLLED WITH LIGHTS IN SAME ROOM.
6. TO RECEPTACLE AT BENCH, SEE ELECTRICAL SITE PLANS. RECONNECT CIRCUIT TO NEW PANEL.

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Revisions

Drawing

ELECTRICAL PLANS - BUILDING B

E1.02

GENERAL NOTES FOR DEMOLITION:

A. FOR ALL EXISTING FIXTURES, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

B. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD. UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

C. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING.

D. FIELD VERIFY ALL CIRCUITS.

E. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

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A. EMERGENCY LIGHTS/EXIT SIGNS 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.

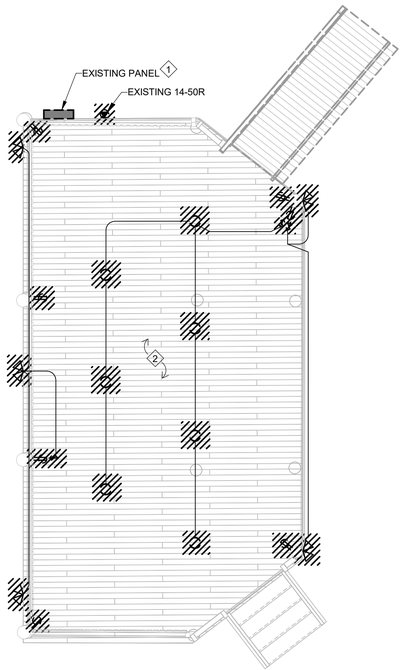
F. DIMMED LIGHTING CIRCUITS SHALL HAVE A DEDICATED NEUTRAL. SHARING OF NEUTRALS IS NOT ALLOWED ON DIMMED CIRCUITS.

KEYED NOTES: ◇#

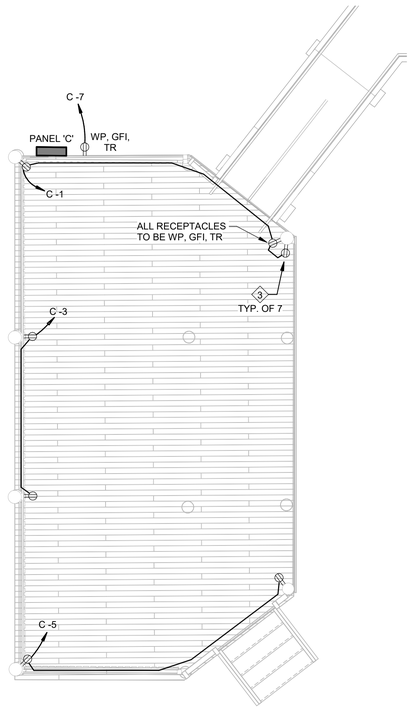
1. EXISTING PANEL TO BE REPLACED IN SAME LOCATION AND RENAMED. REFER TO SINGLE-LINE DIAGRAM 2/E2.01.

2. UNLESS NOTED OTHERWISE, ALL DEVICES AND FIXTURES ARE TO BE REMOVED IN THEIR ENTIRETY. EXISTING CONDUIT AND WIRING MAY REMAIN. ADJUST AS REQUIRED TO MEET CIRCUITING AS SHOWN ON NEW WORK PLANS.

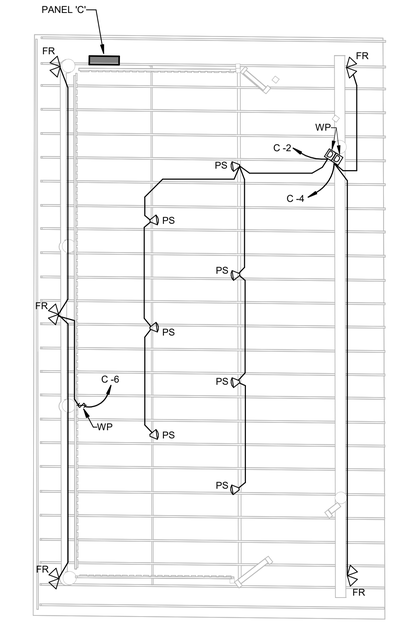
3. RELOCATE RECEPTACLE TO 18" A.F.F. EXTEND CONDUIT AND WIRING TO NEW LOCATION.



1 E1.03 ELECTRICAL DEMOLITION PLAN - BUILDING C
1/4" = 1'-0"
0 4' 8' 12'



2 E1.03 ELECTRICAL POWER PLAN - BUILDING C
1/4" = 1'-0"
0 4' 8' 12'



3 E1.03 ELECTRICAL LIGHTING PLAN - BUILDING C
1/4" = 1'-0"
0 4' 8' 12'

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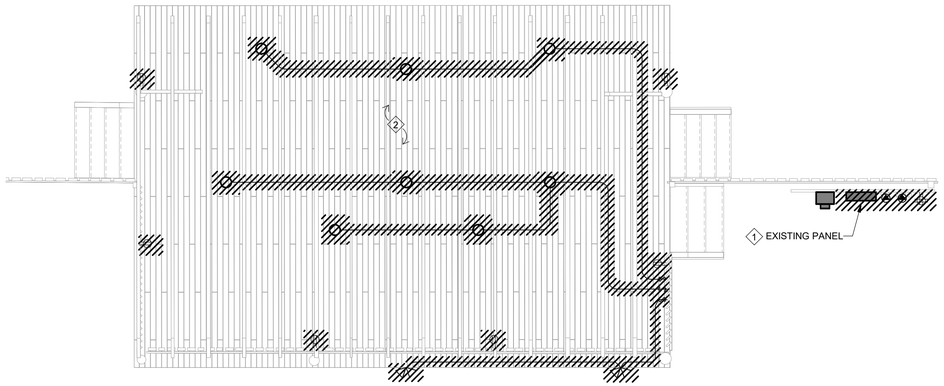
ELECTRICAL PLANS - BUILDING C

E1.03



1 E1.04 ELECTRICAL DEMOLITION PLAN - BUILDING D
1/4" = 1'-0"
0 4' 8' 12'

GENERAL NOTES FOR DEMOLITION:

A. FOR ALL EXISTING FIXTURES, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

B. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

C. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING.

D. FIELD VERIFY ALL CIRCUITS.

E. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

F. FOR DEVICES DENOTED AS FOLLOWS, PROVIDE WORK DESCRIBED:

- (ETR) DENOTES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. RECIRCUIT TO NEW PANEL.

GENERAL NOTES FOR NEW WORK:

A. EMERGENCY LIGHTS/EXIT SIGNS 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.

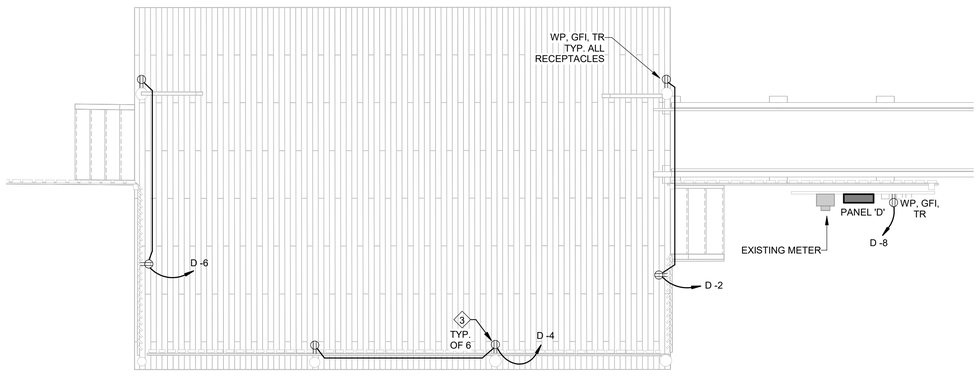
D. DISCONNECTS ARE FURNISHED WITH MECHANICAL AND PLUMBING EQUIPMENT U.N.O.

E. PROVIDE WORKING CLEARANCE AT ALL ELECTRICAL PANELS PER NEC.

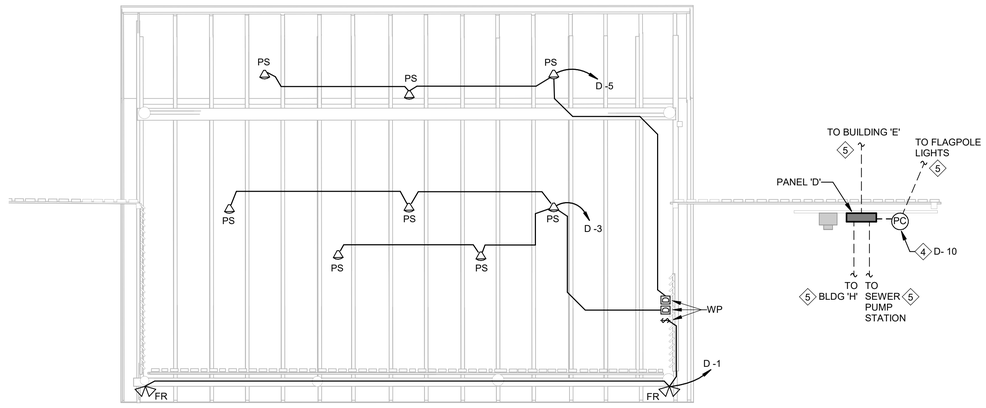
F. DIMMED LIGHTING CIRCUITS SHALL HAVE A DEDICATED NEUTRAL. SHARING OF NEUTRALS IS NOT ALLOWED ON DIMMED CIRCUITS.

KEYED NOTES: (#)

1. EXISTING PANEL TO BE REPLACED IN SAME LOCATION AND RENAMED. REFER TO SINGLE-LINE DIAGRAM 1/E2.02.
2. UNLESS NOTED OTHERWISE, ALL DEVICES AND FIXTURES ARE TO BE REMOVED IN THEIR ENTIRETY. THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD.
3. MOUNT RECEPTACLE AT 18" A.F.F.
4. ROUTE CIRCUIT VIA PHOTOCELL MOUNTED ON ROOF FACING NORTH. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
5. SEE SITE PLANS FOR CIRCUIT SIZES AND LOADS CONNECTED TO THIS CIRCUIT.



2 E1.04 ELECTRICAL POWER PLAN - BUILDING D
1/4" = 1'-0"
0 4' 8' 12'



3 E1.04 ELECTRICAL LIGHTING PLAN - BUILDING D
1/4" = 1'-0"
0 4' 8' 12'

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SOUTH CAROLINA — PROFESSIONAL ENGINEER — NO. 22785 — SHANNON L. EDDS — 4-30-2025

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Greenville, SC 29601
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Project

historic Little Mountain

NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

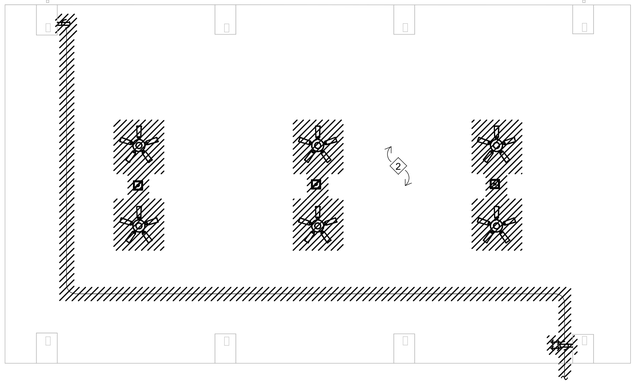
Project Number	23236
Drawn By	SMD
Checked By	SLE
Date	30 APR 2025

Revisions

Drawing

ELECTRICAL PLANS - BUILDING D

E1.04



1 E1.05 ELECTRICAL DEMOLITION PLAN - BUILDING E
1/8" = 1'-0"
0 8' 16' 24'

GENERAL NOTES FOR DEMOLITION:

A. FOR ALL EXISTING FIXTURES, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

B. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

C. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING.

D. FIELD VERIFY ALL CIRCUITS.

E. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

F. FOR DEVICES DENOTED AS FOLLOWS, PROVIDE WORK DESCRIBED:

- (ETR) DENOTES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. RECIRCUIT TO NEW PANEL.

GENERAL NOTES FOR NEW WORK:

A. EMERGENCY LIGHTS/EXIT SIGNS 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.

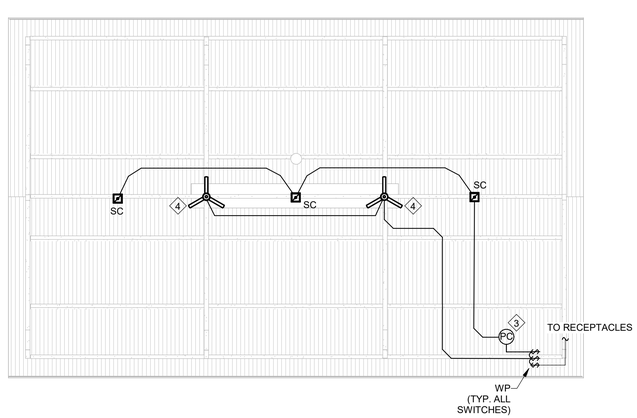
D. DISCONNECTS ARE FURNISHED WITH MECHANICAL AND PLUMBING EQUIPMENT U.N.O.

E. PROVIDE WORKING CLEARANCE AT ALL ELECTRICAL PANELS PER NEC.

KEYED NOTES: ◇#

1. ROUTE HOMERUN TO CIRCUIT IN NEW PANEL 'D' AS INDICATED. SEE SITE PLAN FOR CIRCUIT SIZE.
2. UNLESS NOTED OTHERWISE, ALL DEVICES AND FIXTURES ARE TO BE REMOVED IN THEIR ENTIRETY. THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD.
3. ROUTE CIRCUIT VIA PHOTOCELL MOUNTED ON ROOF FACING NORTH. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
4. FAN PROVIDED BY OWNER. ENSURE SELECTED FANS ARE 120V, 4 AMPS MAX EACH.

2 E1.05 ELECTRICAL POWER PLAN - BUILDING E
1/8" = 1'-0"
0 8' 16' 24'



3 E1.05 ELECTRICAL LIGHTING PLAN - BUILDING E
1/8" = 1'-0"
0 8' 16' 24'

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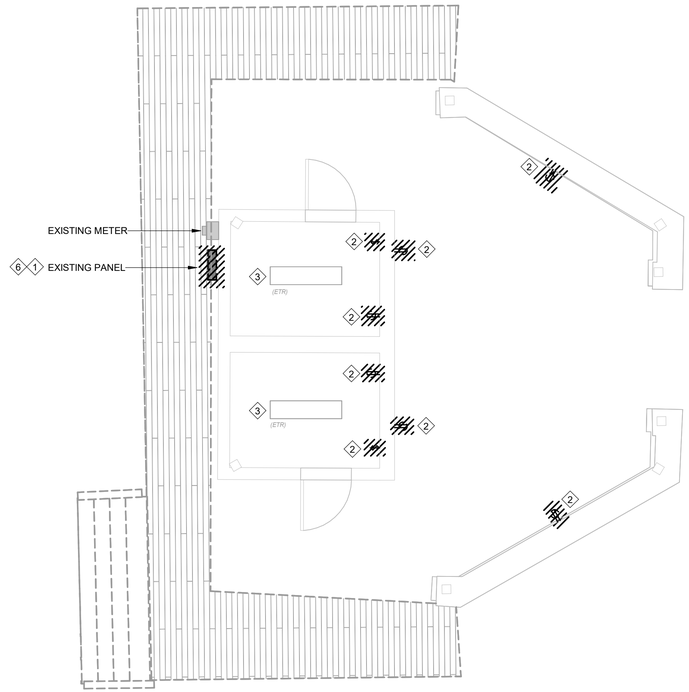
ELECTRICAL PLANS - BUILDING E

E1.05



1 E1.07 ELECTRICAL DEMOLITION PLAN - BUILDING G
1/4" = 1'-0"
0 4' 8' 12'

GENERAL NOTES FOR DEMOLITION:

A. FOR ALL EXISTING FIXTURES, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

B. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

C. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING.

D. FIELD VERIFY ALL CIRCUITS.

E. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

F. FOR DEVICES DENOTED AS FOLLOWS, PROVIDE WORK DESCRIBED:

- (ETR) DENOTES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. RECIRCUIT TO NEW PANEL.

TRACING AND LABELING SCOPE

- TRACE ALL EXISTING CIRCUITS IN THE BUILDING TO DETERMINE LOAD AND WHICH CIRCUITS ARE ACTIVE.
- EXTEND AND RECONNECT EXISTING ACTIVE BRANCH CIRCUITS TO NEW PANELBOARDS.
- LABEL ALL DISCONNECTS, WIRING DEVICES, LIGHTING CONTROLS, LV SYSTEM PANELS, AND OTHER EQUIPMENT FED BY AC POWER WITH PANEL/CIRCUIT.
- LABEL ITEMS WHETHER SHOWN OR NOT ON THESE PLANS. FIELD DETERMINE ALL EXISTING ITEMS TO BE LABELED.

GENERAL NOTES FOR NEW WORK:

A. EMERGENCY LIGHTS/EXIT SIGNS SHALL BE CONNECTED TO UNSWITCHED HOT CONDUCTOR OF CIRCUIT INDICATED.

B. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND HEIGHTS OF ALL FIXTURES.

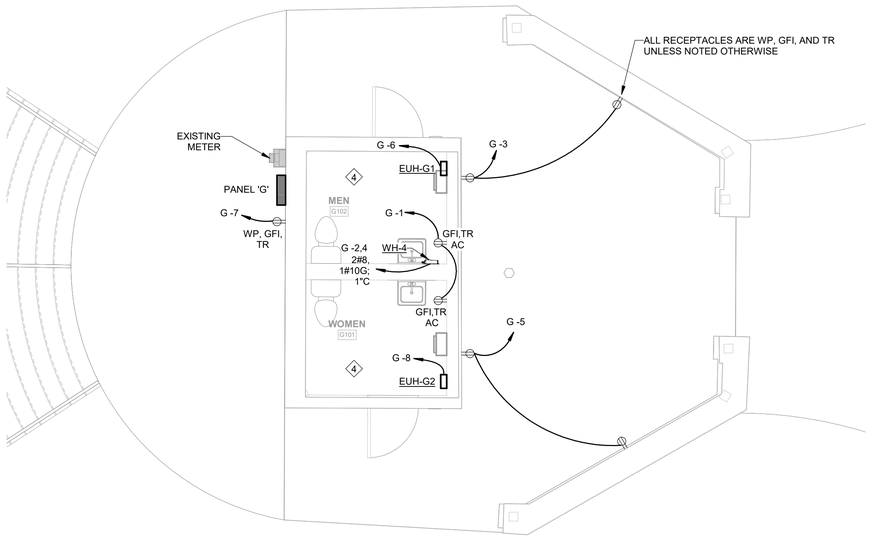
C. REFER TO SHEET E0.01 FOR LIGHTING FIXTURE SCHEDULE.

D. DISCONNECTS ARE FURNISHED WITH MECHANICAL AND PLUMBING EQUIPMENT U.N.O.

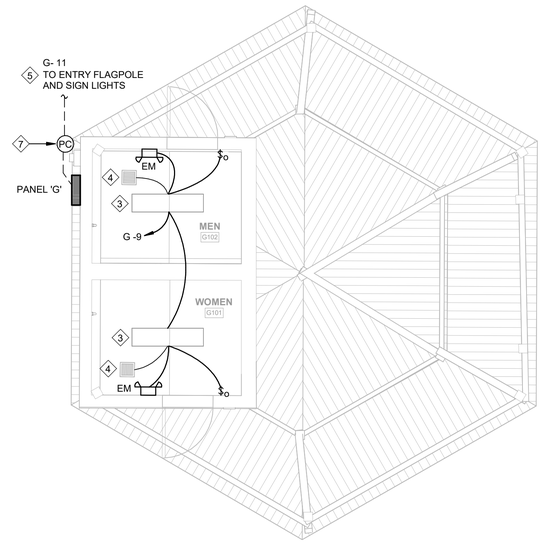
E. PROVIDE WORKING CLEARANCE AT ALL ELECTRICAL PANELS PER NEC.

KEYED NOTES: ◇#

1. EXISTING PANEL TO BE REPLACED IN SAME LOCATION AND RENAMED. REFER TO SINGLE-LINE DIAGRAM 2/E2.02.
2. EXISTING RECEPTACLES TO BE REPLACED WITH NEW TYPE INDICATED ON NEW WORK PLAN. EXISTING CONDUIT AND WIRING MAY BE REUSED.
3. CLEAN AND RELAMP WITH LED. RECONNECT TO NEW PANEL AS INDICATED. REFER TO SHEET E2.02 FOR PANEL SCHEDULES.
4. EXISTING EXHAUST FAN TO REMAIN. WIRE AS REQUIRED TO CONTROL WITH LIGHTS IN SAME ROOM.
5. SEE SITE PLANS FOR CIRCUIT SIZES AND LOADS CONNECTED TO THIS CIRCUIT.
6. ALL CIRCUITS TO EXISTING SITE RECEPTACLE PEDESTALS TO BE REMOVED IN THEIR ENTIRETY. REFER TO ELECTRICAL SITE PLANS.
7. ROUTE CIRCUIT VIA PHOTOCELL MOUNTED ON ROOF FACING NORTH. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.



2 E1.07 ELECTRICAL POWER PLAN - BUILDING G
1/4" = 1'-0"
0 4' 8' 12'



3 E1.07 ELECTRICAL LIGHTING PLAN - BUILDING G
1/4" = 1'-0"
0 4' 8' 12'

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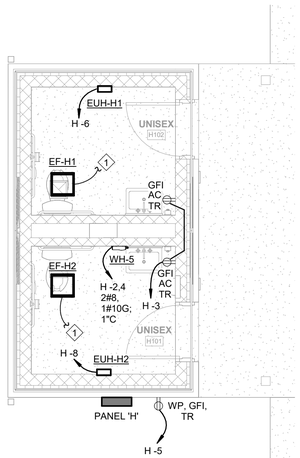
ELECTRICAL PLANS - BUILDING G

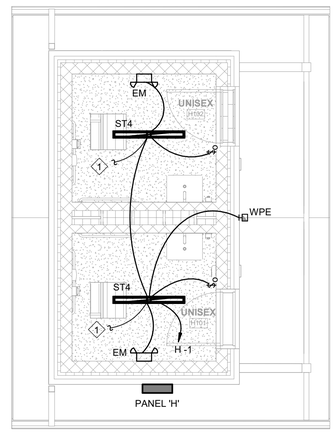
E1.07



1 E1.08 ELECTRICAL POWER PLAN - BUILDING H

1/4" = 1'-0"

0 4' 8' 12'



2 E1.08 ELECTRICAL LIGHTING PLAN - BUILDING H

1/4" = 1'-0"

0 4' 8' 12'

GENERAL NOTES FOR NEW WORK:

A. EMERGENCY LIGHTS/EXIT SIGNS 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.

KEYED NOTES: ⟨#⟩

1. CIRCUIT EXHAUST FAN WITH LIGHTS IN SAME ROOM.

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ELECTRICAL PLANS - BUILDING H

E1.08

Panel: A

Remarks: SERVICE ENTRANCE RATED

Voltage: 120/240 Single **Min SCCR:** 10K
Phases: 1 **Mounting:** FLUSH
Wires: 3 **Feeder Rating:** 100 A
Enclosure: TYPE 3R **Panel Rating:** 100 A **Type:** MCB

BRKR		Notes	Circuit Description	CKT	A (VA)		B (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1	G	R - SOUTH WALL	1	540	2250			2	WATER HEATER (WH-1)		2	25 A
20 A	1	G	R - WEST WALL	3			1200	2250	4				
20 A	1	G	R - WEST WALL	5	1200	173			6	LIGHTING		1	20 A
20 A	1	G	R - NORTH WALL	7			1200	180	8	RECEPTACLE AT PANEL	G	1	20 A
20 A	1	G	R - NORTH WALL	9	1200	500			10	EXTERIOR ICE BIN	G	1	20 A
20 A	1	G	R - EAST WALL	11			360	0	12	SPARE		1	20 A
20 A	1		SPARE	13	0	0			14	SPARE		1	20 A
20 A	1		SPARE	15			0	0	16	SPARE		1	20 A
20 A	1		SPARE	17	0	0			18	SPARE		1	20 A
20 A	1		SPARE	19			0	0	20	SPARE		1	20 A
--	1		PREPARED SPACE	21	--	--			22	PREPARED SPACE		1	--
--	1		PREPARED SPACE	23			--	--	24	PREPARED SPACE		1	--
--	1		PREPARED SPACE	25	--	--			26	PREPARED SPACE		1	--
--	1		PREPARED SPACE	27			--	--	28	PREPARED SPACE		1	--
--	1		PREPARED SPACE	29	--	--			30	PREPARED SPACE		1	--
--	1		PREPARED SPACE	31			--	--	32	PREPARED SPACE		1	--
--	1		PREPARED SPACE	33	--	--			34	PREPARED SPACE		1	--
--	1		PREPARED SPACE	35			--	--	36	PREPARED SPACE		1	--
--	1		PREPARED SPACE	37	--	--			38	PREPARED SPACE		1	--
--	1		PREPARED SPACE	39			--	--	40	PREPARED SPACE		1	--
--	1		PREPARED SPACE	41	--	--			42	PREPARED SPACE		1	--
					5863 VA		5190 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	173 VA			6380 VA				4500 VA		
Demand Factor	125.00%		NEC	NEC				100.00%	Total Conn. Load:	11053 VA
Demand Load	216 VA			6380 VA				4500 VA	Total Est. Demand:	11096 VA
									Total Conn. Current:	46 A
									Total Est. Demand Current:	46 A

Panel: B

Remarks: FED FROM PANEL 'P2'

Voltage: 120/240 Single **Min SCCR:** 10K
Phases: 1 **Mounting:** SURFACE
Wires: 3 **Feeder Rating:** 100 A
Enclosure: TYPE 3R **Panel Rating:** 100 A **Type:** MCB

BRKR		Notes	Circuit Description	CKT	A (VA)		B (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1		SHELTER LIGHTING	1	704	3600			2	WATER HEATER (WH-2)		2	40 A
20 A	1		RR / STORAGE LIGHTING	3			541	3600	4				
20 A	1		RECEPTACLE AT PANEL	5	180	3600			6	WATER HEATER (WH-3)		2	40 A
20 A	1		EUH-B1	7			1500	3600	8				
20 A	1		EUH-B2	9	1500	360			10	R - NORTH OF SHELTER		1	20 A
20 A	1		EUH-B3	11			750	360	12	R - STORAGE & SOUTH OF SHELTER		1	20 A
20 A	1		EUH-B4	13	750	360			14	RECEPTACLE AT BENCH		1	20 A
20 A	1		SPARE	15			0	0	16	SPARE		1	20 A
20 A	1		SPARE	17	0	0			18	SPARE		1	20 A
20 A	1		SPARE	19			0	0	20	SPARE		1	20 A
--	1		PREPARED SPACE	21	--	--			22	PREPARED SPACE		1	--
--	1		PREPARED SPACE	23			--	--	24	PREPARED SPACE		1	--
--	1		PREPARED SPACE	25	--	--			26	PREPARED SPACE		1	--
--	1		PREPARED SPACE	27			--	--	28	PREPARED SPACE		1	--
--	1		PREPARED SPACE	29	--	--			30	PREPARED SPACE		1	--
--	1		PREPARED SPACE	31			--	--	32	PREPARED SPACE		1	--
--	1		PREPARED SPACE	33	--	--			34	PREPARED SPACE		1	--
--	1		PREPARED SPACE	35			--	--	36	PREPARED SPACE		1	--
--	1		PREPARED SPACE	37	--	--			38	PREPARED SPACE		1	--
60 A	2		PANEL 'C'	39			1060	--	40	PREPARED SPACE		1	--
				41	600	--			42	PREPARED SPACE		1	--
					11654 VA		11411 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	1143 VA	4692 VA		2700 VA				14400 VA		
Demand Factor	125.00%	100.00%	NEC	NEC				100.00%	Total Conn. Load:	23065 VA
Demand Load	1429 VA	4692 VA		2700 VA				14400 VA	Total Est. Demand:	23371 VA
									Total Conn. Current:	96 A
									Total Est. Demand Current:	97 A

Panel: C

Remarks: FED FROM PANEL 'B'

Voltage: 120/240 Single **Min SCCR:** 10K
Phases: 1 **Mounting:** SURFACE
Wires: 3 **Feeder Rating:** 60 A
Enclosure: TYPE 3R **Panel Rating:** 60 A **Type:** MCB

BRKR		Notes	Circuit Description	CKT	A (VA)		B (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1		R - STAGE LEFT	1	540	70			2	STAGE LIGHTING		1	20 A
20 A	1		R - STAGE CENTER	3			360	60	4	EXTERIOR LIGHTING - FRONT		1	20 A
20 A	1		R - STAGE RIGHT	5	360	90			6	EXTERIOR LIGHTING - REAR		1	20 A
20 A	1		RECEPTACLE AT PANEL	7			180	0	8	SPARE		1	20 A
20 A	1		SPARE	9	0	0			10	SPARE		1	20 A
20 A	1		SPARE	11			0	0	12	SPARE		1	20 A
--	1		PREPARED SPACE	13	--	--			14	PREPARED SPACE		1	--
--	1		PREPARED SPACE	15			--	--	16	PREPARED SPACE		1	--
--	1		PREPARED SPACE	17	--	--			18	PREPARED SPACE		1	--
--	1		PREPARED SPACE	19			--	--	20	PREPARED SPACE		1	--
--	1		PREPARED SPACE	21	--	--			22	PREPARED SPACE		1	--
--	1		PREPARED SPACE	23			--	--	24	PREPARED SPACE		1	--
					1060 VA		600 VA						

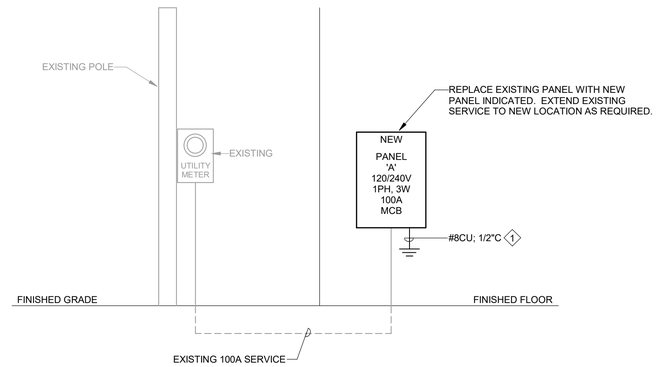
	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	220 VA			1440 VA				0 VA		
Demand Factor	125.00%		NEC	NEC					Total Conn. Load:	1660 VA
Demand Load	275 VA			1440 VA				0 VA	Total Est. Demand:	1715 VA
									Total Conn. Current:	7 A
									Total Est. Demand Current:	7 A

PANEL NOTES:

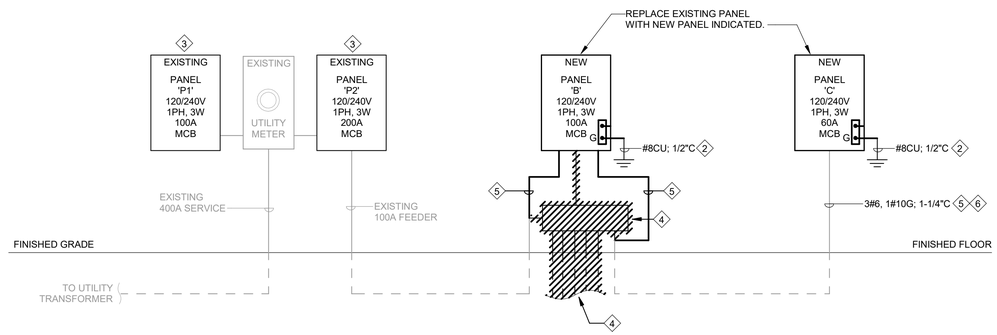
- E - EXISTING BREAKER AND CIRCUIT IN EXISTING PANEL TO REMAIN
- G - GFI CIRCUIT BREAKER
- LF - PROVIDE PAD-LOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER
- LO - PROVIDE LOCK-ON DEVICE FOR CIRCUIT BREAKER
- N - NEW BREAKER INSTALLED IN EXISTING PANEL
- R - REUSE EXISTING BREAKER IN EXISTING PANEL WITH NEW LOAD

RISER DIAGRAM KEYED NOTES: (#)

1. PROVIDE GROUNDING ELECTRODE SYSTEM PER NEC ARTICLE 250. BOND TO ALL AVAILABLE GROUNDING ELECTRODES AND PROVIDE DRIVEN GROUND ROD PER SPECIFICATIONS. COORDINATE GROUNDING LOCATION WITH LOCAL UTILITY COMPANY. SERVICE NEUTRAL SHALL BE GROUNDED AT ONE LOCATION ONLY.
2. PROVIDE GROUNDING ELECTRODE SYSTEM FOR BUILDING/STRUCTURE SUPPLIED BY FEEDER PER NEC 250.32. DO NOT GROUND/BOND NEUTRAL.
3. PROVIDE NEW LAMINATED TYPEWRITTEN CIRCUIT DIRECTORY AND ID PLACARD PER DETAIL ON E8.01.
4. FIELD DETERMINE STATUS OF EXISTING CONDUITS THAT APPEAR TO BE ABANDONED. REMOVE ALL DETERIORATED AND UNUSED CONDUIT/WIRING AND REROUTE FEEDERS AND BRANCH CIRCUITS DIRECTLY TO PANEL.
5. REPLACE ALL EXPOSED SCHEDULE 40 PVC CONDUIT WITH SCHEDULE 80 PVC.
6. REPLACE EXISTING FEEDER IF NOT SIZE INDICATED MINIMUM.



1 E2.01 RISER DIAGRAM - BUILDING A
NOT TO SCALE



2 E2.01 RISER DIAGRAM - BUILDINGS B & C
NOT TO SCALE

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ELECTRICAL PANEL SCHEDULES & RISER DIAGRAMS - BUILDINGS A, B, & C

E2.01

Panel: D

Remarks: SERVICE ENTRANCE RATED

Voltage: 120/240 Single | **Min SCCR:** 10K
Phases: 1 | **Mounting:** SURFACE
Wires: 3 | **Feeder Rating:** 200 A
Enclosure: TYPE 3R | **Panel Rating:** 200 A | **Type:** MCB

BRKR		Notes	Circuit Description	CKT	A (VA)		B (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1		L - EXTERIOR	1	60	360			2	R - STAGE RIGHT		1	20 A
20 A	1		L - STAGE FRONT	3			50	360	4	R - STAGE CENTER		1	20 A
20 A	1		L - STAGE REAR	5	30	360			6	R - STAGE LEFT		1	20 A
20 A	1		BUILDING 'E' POWER/LIGHTING	7			1526	180	8	RECEPTACLE AT PANEL		1	20 A
20 A	1		SPARE	9	0	100			10	LIGHTS AT FLAGPOLE		1	20 A
20 A	1		SPARE	11			0	0	12	SPARE		1	20 A
20 A	1		SPARE	13	0	0			14	SPARE		1	20 A
--	1		PREPARED SPACE	15			--	--	16	PREPARED SPACE		1	--
--	1		PREPARED SPACE	17	--	--			18	PREPARED SPACE		1	--
--	1		PREPARED SPACE	19			--	--	20	PREPARED SPACE		1	--
--	1		PREPARED SPACE	21	--	--			22	PREPARED SPACE		1	--
--	1		PREPARED SPACE	23			--	--	24	PREPARED SPACE		1	--
--	1		PREPARED SPACE	25	--	--			26	PREPARED SPACE		1	--
--	1		PREPARED SPACE	27			--	--	28	PREPARED SPACE		1	--
--	1		PREPARED SPACE	29	--	--			30	PREPARED SPACE		1	--
--	1		PREPARED SPACE	31			--	--	32	PREPARED SPACE		1	--
--	1		PREPARED SPACE	33	--	--			34	PREPARED SPACE		1	--
--	1		PREPARED SPACE	35			--	--	36	PREPARED SPACE		1	--
--	1		PREPARED SPACE	37	--	500			38	PUMP STATION CTRL PWR & RECEPT		1	20 A
60 A	2		PANEL 'H'	39			5465	3600	40	PUMP STATION - PUMPS		2	50 A
				41	5460	3600			42				
					10470 VA		11181 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	393 VA	3048 VA	7200 VA	2660 VA				8160 VA		
Demand Factor	125.00%	100.00%	NEC	NEC				100.00%	Total Conn. Load:	21651 VA
Demand Load	491 VA	3048 VA	9000 VA	2660 VA				8160 VA	Total Est. Demand:	23559 VA
									Total Conn. Current:	90 A
									Total Est. Demand Current:	98 A

Panel: H

Remarks:

Voltage: 120/240 Single | **Min SCCR:** 10K
Phases: 1 | **Mounting:** SURFACE
Wires: 3 | **Feeder Rating:** 60 A
Enclosure: TYPE 3R | **Panel Rating:** 60 A | **Type:** MCB

BRKR		Notes	Circuit Description	CKT	A (VA)		B (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1		LIGHTING & EF'S	1	185	3600			2	WATER HEATER (WH-5)		2	40 A
20 A	1		R - RESTROOMS	3			360	3600	4				
20 A	1		RECEPTACLE AT PANEL	5	180	1500			6	EUH-H1		1	20 A
20 A	1		SPARE	7			0	1500	8	EUH-H2		1	20 A
20 A	1		SPARE	9	0	0			10	SPARE		1	20 A
20 A	1		SPARE	11			0	0	12	SPARE		1	20 A
--	1		PREPARED SPACE	13	--	--			14	PREPARED SPACE		1	--
--	1		PREPARED SPACE	15			--	--	16	PREPARED SPACE		1	--
--	1		PREPARED SPACE	17	--	--			18	PREPARED SPACE		1	--
--	1		PREPARED SPACE	19			--	--	20	PREPARED SPACE		1	--
--	1		PREPARED SPACE	21	--	--			22	PREPARED SPACE		1	--
--	1		PREPARED SPACE	23			--	--	24	PREPARED SPACE		1	--
					5465 VA		5460 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	97 VA	3048 VA		540 VA				7200 VA		
Demand Factor	125.00%	100.00%	NEC	NEC				100.00%	Total Conn. Load:	10925 VA
Demand Load	121 VA	3048 VA		540 VA				7200 VA	Total Est. Demand:	10959 VA
									Total Conn. Current:	46 A
									Total Est. Demand Current:	46 A

Panel: G

Remarks: SERVICE ENTRANCE RATED

Voltage: 120/240 Single | **Min SCCR:** 10K
Phases: 1 | **Mounting:** SURFACE
Wires: 3 | **Feeder Rating:** 100 A
Enclosure: TYPE 3R | **Panel Rating:** 100 A | **Type:** MCB

BRKR		Notes	Circuit Description	CKT	A (VA)		B (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1		R - RESTROOMS	1	360	3600			2	WATER HEATER (WH-4)		2	40 A
20 A	1		R - EXTERIOR NORTH	3			360	3600	4				
20 A	1		R - EXTERIOR SOUTH	5	360	1500			6	EUH-G1		1	20 A
20 A	1		RECEPTACLE AT PANEL	7			180	1500	8	EUH-G2		1	20 A
20 A	1		LIGHTING	9	168	0			10	SPARE		1	20 A
20 A	1		ENTRY FLAGPOLE LTS & SIGN	11			172	0	12	SPARE		1	20 A
20 A	1		SPARE	13	0	0			14	SPARE		1	20 A
20 A	1		SPARE	15			0	--	16	PREPARED SPACE		1	--
20 A	1		SPARE	17	0	--			18	PREPARED SPACE		1	--
--	1		PREPARED SPACE	19			--	--	20	PREPARED SPACE		1	--
--	1		PREPARED SPACE	21	--	--			22	PREPARED SPACE		1	--
--	1		PREPARED SPACE	23			--	--	24	PREPARED SPACE		1	--
					5988 VA		5812 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	300 VA	3000 VA		1260 VA				7200 VA		
Demand Factor	125.00%	100.00%	NEC	NEC				100.00%	Total Conn. Load:	11800 VA
Demand Load	375 VA	3000 VA		1260 VA				7200 VA	Total Est. Demand:	11885 VA
									Total Conn. Current:	49 A
									Total Est. Demand Current:	50 A

PANEL NOTES:

E - EXISTING BREAKER AND CIRCUIT IN EXISTING PANEL TO REMAIN

G - GFI CIRCUIT BREAKER

LF - PROVIDE PAD-LOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER

LO - PROVIDE LOCK-ON DEVICE FOR CIRCUIT BREAKER

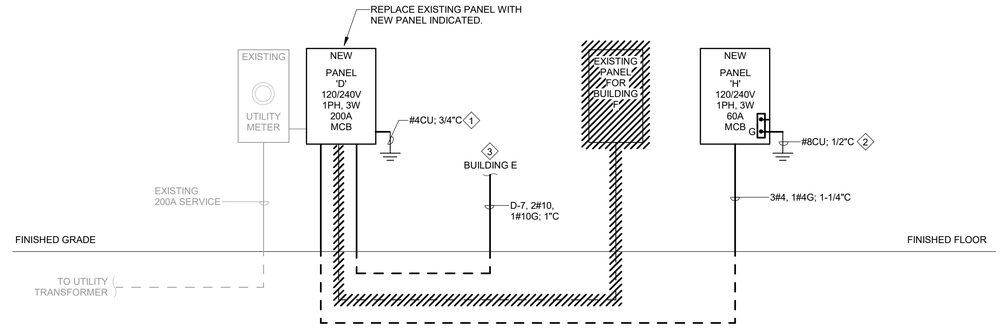
N - NEW BREAKER INSTALLED IN EXISTING PANEL

R - REUSE EXISTING BREAKER IN EXISTING PANEL WITH NEW LOAD

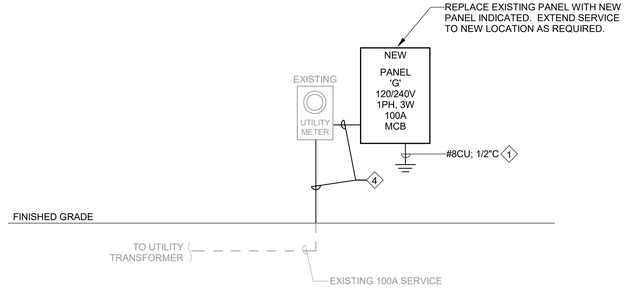
SUB - SUB-FEED CIRCUIT BREAKER

RISER DIAGRAM KEYED NOTES: (#)

1. PROVIDE GROUNDING ELECTRODE SYSTEM PER NEC ARTICLE 250. BOND TO ALL AVAILABLE GROUNDING ELECTRODES AND PROVIDE DRIVEN GROUND ROD PER SPECIFICATIONS. COORDINATE GROUNDING LOCATION WITH LOCAL UTILITY COMPANY. SERVICE NEUTRAL SHALL BE GROUNDED AT ONE LOCATION ONLY.
2. PROVIDE GROUNDING ELECTRODE SYSTEM FOR BUILDING/STRUCTURE SUPPLIED BY FEEDER PER NEC 250.32. DO NOT GROUND/BOND NEUTRAL.
3. STRUCTURE SUPPLIED BY SINGLE BRANCH CIRCUIT. GROUNDING ELECTRODE PER NEC 250.32 NOT REQUIRED. PROVIDE NEW WIRING INDICATED.
4. REPLACE EXISTING EXPOSED SCHEDULE 40 PVC CONDUIT WITH SCHEDULE 80 PVC.



1 E2.02 RISER DIAGRAM - BUILDINGS D, E, & H
NOT TO SCALE



2 E2.02 RISER DIAGRAM - BUILDING G
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NEWBERRY COUNTY
REUNION PARK
IMPROVEMENTS

Project Number	23236
Drawn By	SMD
Checked By	SLE
Date	30 APR 2025

Revisions

Drawing

ELECTRICAL PANEL SCHEDULES & RISER DIAGRAMS - BUILDINGS D, E, G, & H

E2.02

Panel: P3

Remarks:

Voltage: 120/240 Single **Min SCCR:** 22K
Phases: 1 **Mounting:** SURFACE
Wires: 3 **Feeder Rating:** 400 A
Enclosure: TYPE 3R **Panel Rating:** 400 A **Type:** MCB

BRKR		Notes	Circuit Description	CKT	A (VA)		B (VA)		CKT	Circuit Description	Notes	BRKR	
70 A	2		FOOD TRUCK POWER PEDESTAL 'FT1'	1	4800	4800			2	FOOD TRUCK POWER PEDESTAL 'FT6'		2	70 A
				3			4800	4800	4				
70 A	2		FOOD TRUCK POWER PEDESTAL 'FT2'	5	4800	4800			6	FOOD TRUCK POWER PEDESTAL 'FT7'		2	70 A
				7			4800	4800	8				
70 A	2		FOOD TRUCK POWER PEDESTAL 'FT3'	9	4800	4800			10	FOOD TRUCK POWER PEDESTAL 'FT8'		2	70 A
				11			4800	4800	12				
70 A	2		FOOD TRUCK POWER PEDESTAL 'FT4'	13	4800	4800			14	FOOD TRUCK POWER PEDESTAL 'FT9'		2	70 A
				15			4800	4800	16				
70 A	2		FOOD TRUCK POWER PEDESTAL 'FT5'	17	4800	4800			18	FOOD TRUCK POWER PEDESTAL 'FT10'		2	70 A
				19			4800	4800	20				
20 A	1		NEMA 5-20R ON RACK	21	180	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
20 A	1		SPARE	29	0	0			30	SPARE		1	20 A
--	1		PREPARED SPACE	31			--	--	32	PREPARED SPACE		1	--
--	1		PREPARED SPACE	33	--	--			34	PREPARED SPACE		1	--
--	1		PREPARED SPACE	35			--	--	36	PREPARED SPACE		1	--
--	1		PREPARED SPACE	37	--	--			38	PREPARED SPACE		1	--
--	1		PREPARED SPACE	39			--	--	40	PREPARED SPACE		1	--
--	1		PREPARED SPACE	41	--	--			42	PREPARED SPACE		1	--
					48180 VA		48000 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load				180 VA		96000 VA				
Demand Factor			**NEC**	**NEC**		80.00%			**Total Conn. Load:**	96180 VA
Demand Load				180 VA		76800 VA			**Total Est. Demand:**	76980 VA
									Total Conn. Current:	401 A
									Total Est. Demand Current:	321 A

PANEL NOTES:

E - EXISTING BREAKER AND CIRCUIT IN EXISTING PANEL TO REMAIN

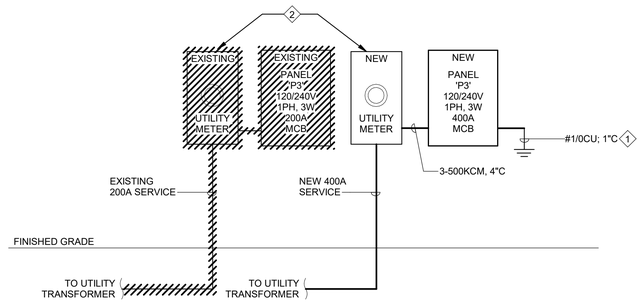
G - GFI CIRCUIT BREAKER

LF - PROVIDE PAD-LOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER

LO - PROVIDE LOCK-ON DEVICE FOR CIRCUIT BREAKER

N - NEW BREAKER INSTALLED IN EXISTING PANEL

R - REUSE EXISTING BREAKER IN EXISTING PANEL WITH NEW LOAD



1 / E2.03 RISER DIAGRAM - FOOD TRUCK PEDESTAL SERVICE
NOT TO SCALE

RISER DIAGRAM KEYED NOTES: (#)

1. PROVIDE GROUNDING ELECTRODE SYSTEM PER NEC ARTICLE 250. BOND TO ALL AVAILABLE GROUNDING ELECTRODES AND PROVIDE DRIVEN GROUND ROD PER SPECIFICATIONS. COORDINATE GROUNDING LOCATION WITH LOCAL UTILITY COMPANY. SERVICE NEUTRAL SHALL BE GROUNDED AT ONE LOCATION ONLY.
2. COORDINATE REMOVAL OF EXISTING SERVICE AND INSTALLATION OF NEW SERVICE WITH LOCAL UTILITY COMPANY PRIOR TO WORK. PROVIDE METERING AND SECONDARY CONDUIT AND WIRING AS REQUIRED BY LOCAL UTILITY COMPANY.

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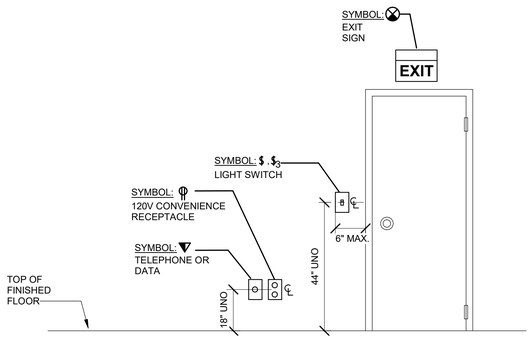
Drawing

ELECTRICAL PANEL SCHEDULES & RISER DIAGRAMS - FOOD TRUCK PEDESTALS

E2.03



1 E8.01 TYPICAL DEVICE MOUNTING HEIGHTS
NOT TO SCALE

TYPICAL NAMEPLATE EXAMPLES
FOR EACH EQUIPMENT TYPE

Panelboard

C

240/120V 1Ø 3W
Fed From Panel B

Mech Equipment
Disconnects & VFD's

WH-1

240V 1Ø
A-____

2 E8.01 EQUIPMENT IDENTIFICATION NAMEPLATE DETAIL
NOT TO SCALE

EQUIPMENT LABELING NOTES:

A. PROVIDE ENGRAVED LAMINATED NAMEPLATE FOR EACH PIECE OF ELECTRICAL EQUIPMENT. LABEL TAPE IS NOT ACCEPTABLE.

B. COORDINATE SUPPLY SOURCE (PANEL/CIRCUIT WHERE FED FROM) WITH ACTUAL CIRCUITS USED.

C. ON EACH UNIT OF EQUIPMENT, INSTALL UNIQUE DESIGNATION LABEL THAT IS CONSISTENT WITH WIRING DIAGRAMS AND SCHEDULES.

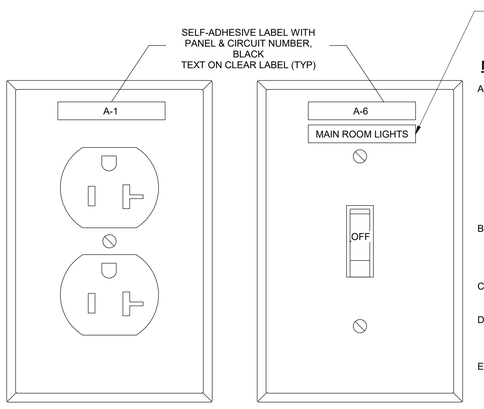
D. PROVIDE LABEL AS SHOWN FOR EACH EQUIPMENT TYPE. INFORMATION SHALL INCLUDE NAME OF EQUIPMENT, VOLTAGE/PHASE, SUPPLY SOURCE, AND SYSTEM BRANCH.

E. COORDINATE EXACT NAME/DESIGNATION OF MECHANICAL/PLUMBING EQUIPMENT WITH MECHANICAL/PLUMBING CONTRACTOR AND OWNER PRIOR TO CONSTRUCTING NAMEPLATES.

F. 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.

G. 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.

H. LABEL THE FOLLOWING ITEMS:
- PANELBOARDS
- ENCLOSURES AND ELECTRICAL CABINETS
- DISCONNECT SWITCHES
- ACCESS DOORS AND PANELS FOR CONCEALED ELECTRICAL ITEMS, LABEL WITH ITEMS CONCEALED



TYPICAL RECEPTACLE FACEPLATE

TYPICAL LIGHTING CONTROL (SWITCH, DIMMER, OCCUPANCY SENSOR) FACEPLATE

NOTES

A. PROVIDE LABEL FOR ALL WIRING DEVICES, INCLUDING BUT NOT LIMITED TO:
- RECEPTACLES
- LIGHT SWITCHES
- WALL DIMMERS
- WALL OCCUPANCY SENSORS
- FAN SPEED CONTROLS
- EMERGENCY STOP BUTTONS (SHUNT-TRIP CIRCUIT)
- MANUAL MOTOR STARTERS
- REMOTE CONTROL SWITCHES
- CONTROL DEVICES

B. LABEL MATERIAL:
- STANDARD WALL PLATES: EMBOSSED ADHESIVE TAPE, WITH ¼-INCH BLACK-FILLED LETTERS ON CLEAR BACKGROUND.

C. PROVIDE DURABLE WIRE MARKERS OR TAGS INSIDE DEVICE BOX OR OUTLET BOX.

D. FOR MULTIPLE LIGHTING CONTROLS IN SAME ROOM, ALSO PROVIDE LABEL INDICATING LIGHTS SERVED BY EACH CONTROL.

E. FOR MANUAL MOTOR STARTERS AND SWITCHES USED TO CONTROL MOTORS OR EQUIPMENT OTHER THAN LIGHTS, ALSO PROVIDE LABEL INDICATING EQUIPMENT SERVED BY THE CONTROL.

F. WHEN LABELING OUTDOOR DEVICES, LABEL SHALL BE INSTALLED ON THE FACEPLATE INSIDE THE WEATHERPROOF DEVICE COVER, NOT ON THE OUTSIDE OF THE COVER.

3 E8.01 WIRING DEVICE LABELING DETAIL
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E8.01