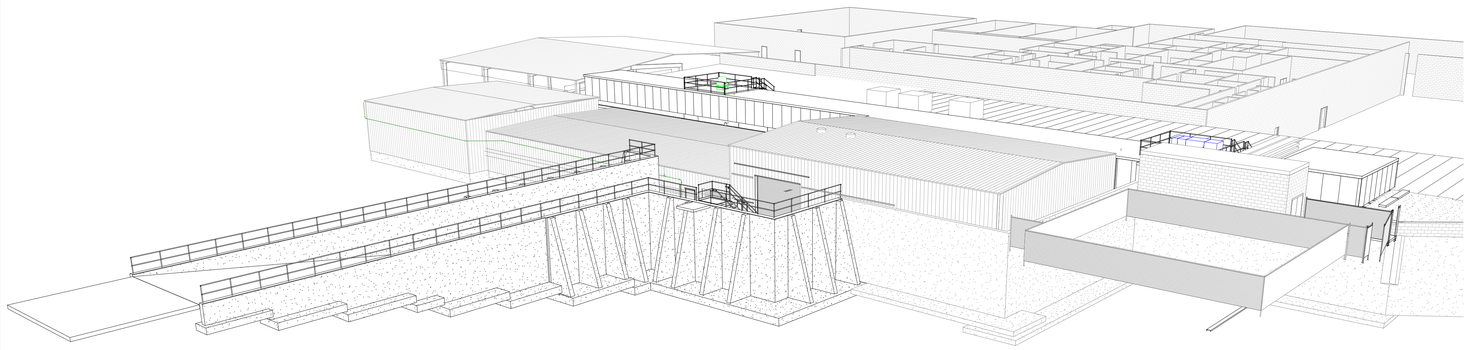
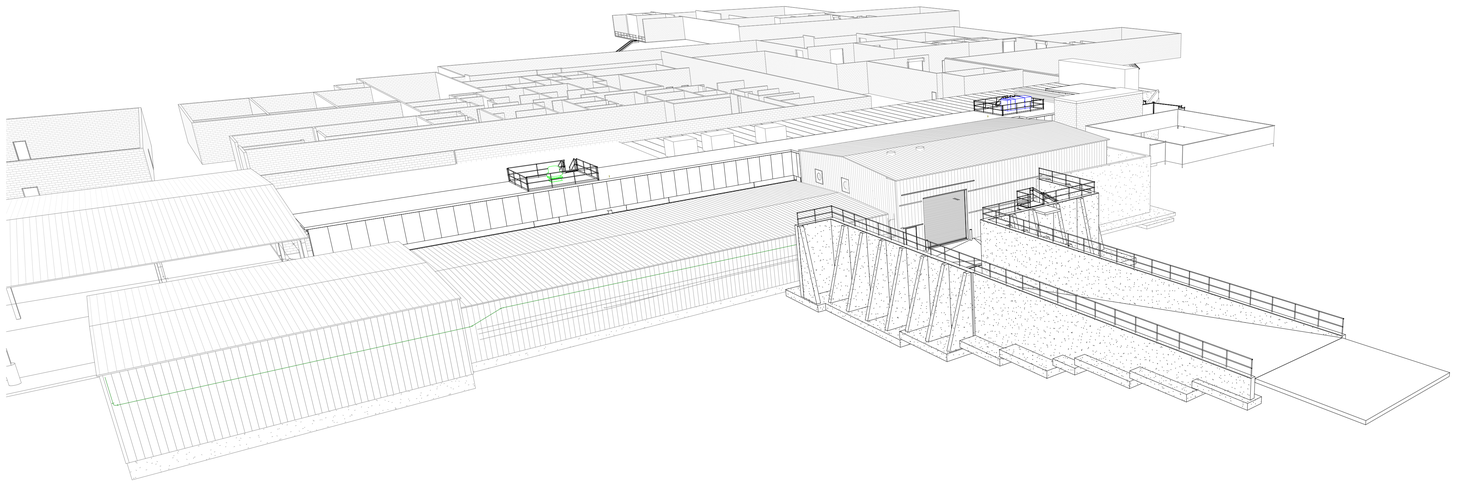
PILGRIMS EVIS RENOVATION

ATHENS, GEORGIA

ISG PROJECT # 22-26942



1 LOOKING NORTHEAST



2 LOOKING SOUTHEAST

PROJECT GENERAL NOTES

A. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL AND SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT / ENGINEER.

B. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND CORRELATING QUANTITIES AND DIMENSIONS.

C. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

D. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

E. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.

F. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.

G. LARGE-SCALE, MORE SPECIFIC DETAILS TAKE PRECEDENCE OVER SMALLER-SCALE, LESS SPECIFIC DETAILS AND INFORMATION. MORE STRINGENT REQUIREMENTS FOR CODE, PRODUCTS AND INSTALLATION TAKE PRECEDENCE OVER LESS STRINGENT REQUIREMENTS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

H. PROVIDE CONTINUOUS SEALANT AROUND ALL MATERIALS AT ALL INTERIOR AND EXTERIOR WALL PENETRATIONS. REFER TO SPECIFICATIONS FOR APPROPRIATE SEALANT.

I. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.

J. SEAL ALL OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS, AROUND DUCTS, PIPES, VENTS, TRAPS, CONDUIT AND ALL OTHER PENETRATIONS WITH FIRE STOPPING AS SPECIFIED AND REQUIRED BY CODES. IF FIRE STOPPING IS NOT REQUIRED AT PENETRATIONS PER CODE, SEAL WITH CONTINUOUS SEALANT.

K. PROVIDE TEMPORARY WALLS, ENCLOSURES, DUST SHIELDS AND WALK-OFF MATS AS REQUIRED TO SEPARATE DEMOLITION AND CONSTRUCTION FROM EXISTING BUILDING.

L. PROVIDE BRACING AND SHORING AS REQUIRED TO PROTECT EXISTING STRUCTURE TO REMAIN. PROVIDE SECURE AND WEATHERPROOF ENCLOSURE OF TEMPORARY OPENINGS IN EXTERIOR WALLS. PROTECT ALL BUILDING COMPONENTS FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION.

M. RESTORE ALL EXISTING AREAS AFFECTED BY DEMOLITION AND RELATED NEW CONSTRUCTION TO THEIR ORIGINAL CONDITION, INCLUDING BUT NOT LIMITED TO WALLS, FLOORS, AND CEILINGS AND THEIR ASSOCIATED FINISHES.

N. PROVIDE SOLID WALL BACKING WITH METAL OR FIRE-RETARDANT WOOD BLOCKING BEHIND DOOR HARDWARE SUCH AS WALL STOPS, BUMPERS, HOLD OPENS, ETC. AND AT ALL ITEMS REQUIRING FASTENING THROUGH GYP BD. TO BLOCKING

O. RENDERED IMAGES MAY NOT BE AN ACCURATE REPRESENTATION OF BUILDING CONDITIONS, REFER TO PLANS AND DETAILS CONTAINED WITHIN FOR SCOPE OF WORK.

SHEET INDEX

PROJECT INDEX:

OWNER:

PILGRIMS
GLENN BARTON
898 BARBER STREET
ATHENS, GEORGIA 30601

PROJECT ADDRESS:

PILGRIMS
898 BARBER STREET
ATHENS, GEORGIA 30601

MANAGING OFFICE:

ISG

MANKATO OFFICE
115 EAST HICKORY ST.
SUITE 300
MANKATO, MINNESOTA 56001
PHONE: 507.387.6651
FAX: 507.387.3583

PROJECT MANAGER: NICK ELLENBERGER
EMAIL: nick.ellenberger@isginc.com

REFRENCE SCALE
1" = 1'
2"
1"
0 1-4"-1'-0"

1/31/2023 3:43:54 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA018251
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS/PES
DESIGNED BY	MDS/PES
REVIEWED BY	DFS/JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

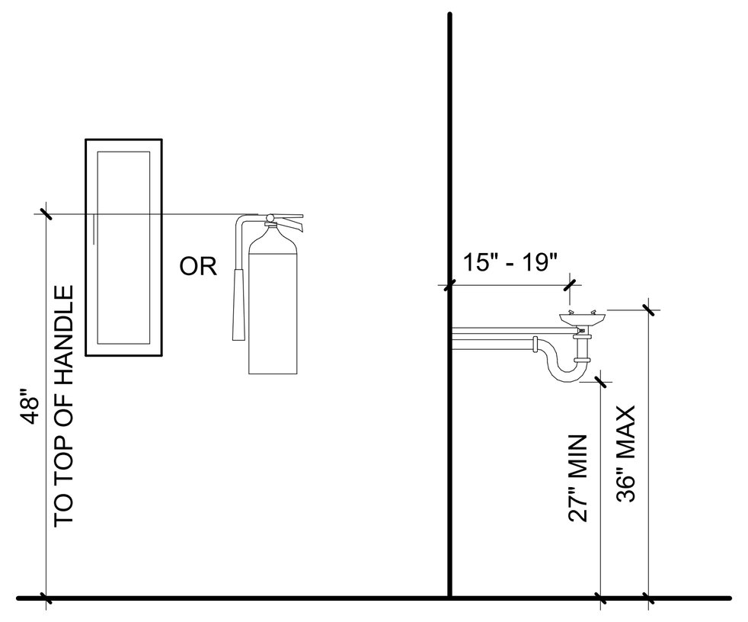
TITLE

TITLE SHEET, SHEET INDEX, PROJECT GENERAL NOTES

SHEET

G1-10

MOUNTING HEIGHTS AND STANDARDS



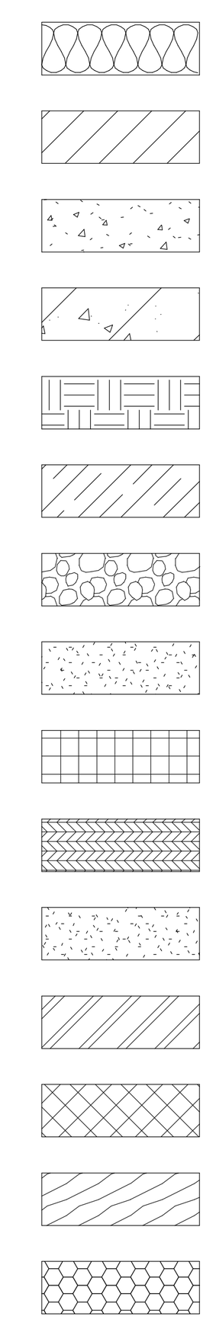
FIRE EXTINGUISHER OR CABINET

EMERGENCY EYEWASH STATION
SIDE ELEVATION

ABBREVIATIONS

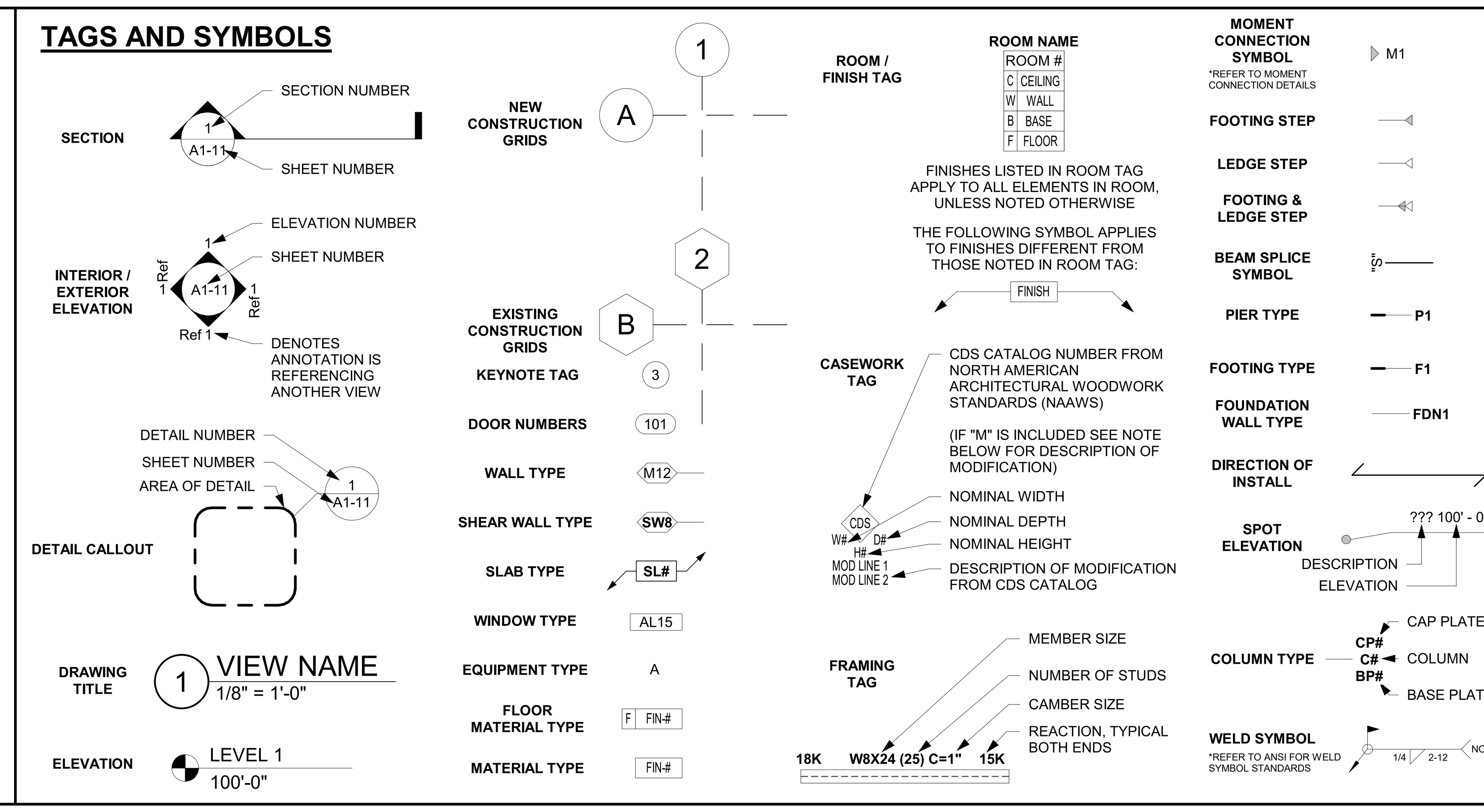
#	POUND OR NUMBER	ENCL	ENCLOSURE	LLH	LONG LEG HORIZONTAL	RTU	ROOF TOP UNIT
@	AT	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	LLV	LONG LEG VERTICAL	SA	SUPPLY AIR
ACP	ACOUSTICAL CEILING PANEL	EPX	EPOXY	LN	LINEAR	SC	SEALED CONCRETE
ACT	ACOUSTICAL CEILING TILE	EQ	EQUAL	LVT	LUXURY VINYL TILE	SF	SQUARE FOOT
ADA	AMERICANS WITH DISABILITIES ACT	EQUIP	EQUIPMENT	MATL	MATERIAL	SIM	SIMILAR
ADD	ADDENDUM	ETC	ETCETERA	MAX	MAXIMUM	SM	SURFACE MOUNTED
ADDL	ADDITIONAL	EWC	ELECTRIC WATER COOLER	MB	MARKER BOARD	SPEC	SPECIFICATION
ADJ	ADJACENT	EWC	ELECTRIC WATER COOLER	MECH	MECHANICAL	SS	SOLID SURFACE
AFF	ABOVE FINISH FLOOR	EX	EXISTING	MEP	MECHANICAL , ELECTRICAL, PLUMBING	SSTL	STAINLESS STEEL
AFG	ABOVE FINISHED GRADE	EXP	EXPANSION, EXPOSED	MEZZ	MEZZANINE	STD	STANDARD
AHU	AIR HANDLING UNIT	EXT	EXTERIOR	MFR	MANUFACTURER	STN	STONE
ALT	ALTERNATE	F&I	FURNISH AND INSTALL	MH	MANHOLE	STOR	STORAGE
ALUM	ALUMINUM	FA	FRESH AIR	MIN	MINIMUM	SUSP	SUSPENDED
APPROX	APPROXIMATELY	FAAP	FIRE ALARM ANNUNCIATOR PANEL	MISC	MISCELLANEOUS	SV	SHEET VINYL
ARCH	ARCHITECTURAL	FACP	FIRE ALARM CONTROL PANEL	MO	MASONRY OPENING	SY	SQUARE YARDS
AWP	ACOUSTICAL WALL PANEL	FBO	FURNISHED BY OTHERS	MTD	MOUNTED	T&G	TONGUE AND GROOVE
B	BASE	FD	FLOOR DRAIN	MTL	METAL	T&P	TEMPERATURE AND PRESSURE
BD	BOARD	FE	FIRE EXTINGUISHER	MULL	MULLION	TB	TACK BOARD
BL	BROADLOOM CARPET	FEC	FIRE EXTINGUISHER CABINET	NA	NOT APPLICABLE	TBD	TO BE DETERMINED
BLDG	BUILDING	FF	FLOOR FINISH	NIC	NOT IN CONTRACT	TD	TRENCH DRAIN
BO	BOTTOM OF OR BY OWNER	FFE	FINISHED FLOOR ELEVATION	NTS	NOT TO SCALE	TEC	TECTUM
BR	BRICK	FRP	FIBERGLASS REINFORCED PLASTIC	OC	ON CENTER	TEL	TELEPHONE
BRG	BEARING	FRZ	FREEZER	OCEW	ON CENTER EACH WAY	TEMP	TEMPERATURE
BSMT	BASEMENT	FT	FOOT OR FEET	OD	OUTSIDE DIAMETER	TER	TERRAZZO
C	CONDUIT	FTG	FOOTING	OH	OVERHEAD	TO	TOP OF
CFS	COLD FORMED STEEL	GA	GAUGE	OHD	OVERHEAD DOOR	TOF	TOP OF FOOTING
CG	CORNER GUARD	GALV	GALVANIZED	OL	OVERALL LENGTH	TOL	TOP OF LEDGE
CIP	CAST IN PLACE	GC	GENERAL CONTRACTOR	OPNG	OPENING	TOS	TOP OF STEEL
CJ	CONTROL JOINT OR CONSTRUCTION JOINT	GEN	GENERATOR	ORD	OVERFLOW ROOF DRAIN	TOW	TOP OF WALL
CL	CENTERLINE	GFCI	GROUND FAULT CIRCUIT INTERRUPT	OSB	ORIENTED STRAND BOARD	TR	TAMPER RESISTANT
CLG	CEILING	GL	GLAZING	PC	PHOTO CELL, POLISHED CONCRETE	TS	TUBE STEEL / THRESHOLD / TRANSITION STRIP
CLR	CLEAR	GND	GROUND	PLAM	PLASTIC LAMINATE	TV	TELEVISION
CM	CORRUGATED METAL	GYP	GYPSUM	PLWP	PLASTIC LAMINATE WALL PANEL	TYP	TYPICAL
CMU	CONCRETE MASONRY UNIT	HD	HUB DRAIN	PNT	PAINT	UG	UNDERGROUND
CO	CLEANOUT	HDG	HOT DIP GALVANIZED	PNT-#E	EPOXY PAINT	UH	UNIT HEATER
CONC	CONCRETE	HDW	HARDWARE	POLYETH	POLYETHYLENE	UNO	UNLESS NOTED OTHERWISE
CONF	CONFERENCE	HM	HOLLOW METAL	POLYISO	POLYISOCYANURATE	VCT	VINYL COMPOSITE TILE
CONT	CONTINUOUS	HORIZ	HORIZONTAL	PRV	POWER ROOF VENTILATOR	VERT	VERTICAL
CPT	CARPET	HSS	HOLLOW STRUCTURAL SECTION	PVC	POLYVINYL CHLORIDE	VEST	VESTIBULE
CR	CHAIR RAIL	HT	HEIGHT	QT	QUARRY TILE	VF	VINYL FLOOR
CRK	CORK	HVAC	HEATING VENTILATION AND AIR CONDITIONING	QTZ	QUARTZ	VIF	VERIFY IN FIELD
CT	TILE	ID	INSIDE DIAMETER	RA	RETURN AIR	VTR	VENT THROUGH ROOF
CURT	PRIVACY CURTAIN	IG	ISOLATED GROUND	RB	RESILIENT BASE	VWP	VENEER WALL PANEL
CY	CUBIC YARD	IMP	INSULATED METAL PANEL	RBR	RUBBER	W/	WITH
DEMO	DEMOLITION	INFO	INFORMATION	RCP	REFLECTED CEILING PLAN	W/O	WITHOUT
DF	DRINKING FOUNTAIN	INP	IN-PLACE	RD	ROOF DRAIN	WC	WATER CLOSET
DH	DOOR HOLDER (MAGNETIC)	INSUL	INSULATION	REF	REFRIGERATOR	WCG	WALL COVERING
DIA	DIAMETER	INT	INTERIOR	REINF	REINFORCED	WD	WOOD
DLS	DIMENSIONAL LETTER SIGNAGE	J	JUNCTION BOX	REQD	REQUIRED	WF	WINDOW FILM
EA	EACH	JAN	JANITOR	RES	RESINOUS FLOOR	WG	WALL GUARD
EC	ELECTRICAL CONTRACTOR	JBE	JOIST BEARING ELEVATION	REV	REVISION / REVISED	WH	WALL HYDRANT
EF	EXHAUST FAN	JST	JOIST	RM	ROOM	WHTR	WATER HEATER
EIFS	EXTERIOR INSULATION FINISH SYSTEM	KES	KITCHEN EQUIPMENT SUPPLIER	RO	ROUGH OPENING	WP	WEATHERPROOF
ELEC	ELECTRICAL	kW	KILOWATT	ROW / R/W	RIGHT OF WAY	WT	WINDOW TREATMENT
ELEV	ELEVATION	LAV	LAVATORY	RP	RESIN PANEL	WWF	WELDED WIRE FABRIC
EMERG	EMERGENCY	LB	POUND	RTE	REFER TO ELEVATION	XFMR	TRANSFORMER

MATERIALS KEY



- BATT INSULATION
- BRICK
- CONCRETE (SECTION)
- CMU (SECTION)
- EARTH
- GRANULAR FILL
- GRAVEL
- GYPSUM BOARD OR SHEATHING
- RIGID INSULATION
- PLYWOOD
- SAND
- STEEL
- SYNTHETIC STUCCO
- WOOD
- SPRAY IN PLACE INSULATION

TAGS AND SYMBOLS


SECTION
SECTION NUMBER
1
A1-11
SHEET NUMBER
INTERIOR / EXTERIOR ELEVATION
ELEVATION NUMBER
SHEET NUMBER
Ref 1
DENOTES ANNOTATION IS REFERENCING ANOTHER VIEW
DETAIL CALLOUT
DETAIL NUMBER
SHEET NUMBER
AREA OF DETAIL
DRAWING TITLE
VIEW NAME
1/8" = 1'-0"
ELEVATION
LEVEL 1
100'-0"
NEW CONSTRUCTION GRIDS
A
EXISTING CONSTRUCTION GRIDS
B
2
KEYNOTE TAG
3
DOOR NUMBERS
101
WALL TYPE
M12
SHEAR WALL TYPE
SW8
SLAB TYPE
SL#
WINDOW TYPE
AL15
EQUIPMENT TYPE
A
FLOOR MATERIAL TYPE
F FIN-#
MATERIAL TYPE
FIN-#
ROOM / FINISH TAG
ROOM NAME
ROOM #
C CEILING
W WALL
B BASE
F FLOOR
FINISHES LISTED IN ROOM TAG APPLY TO ALL ELEMENTS IN ROOM, UNLESS NOTED OTHERWISE
THE FOLLOWING SYMBOL APPLIES TO FINISHES DIFFERENT FROM THOSE NOTED IN ROOM TAG:
FINISH
CASEWORK TAG
CDS CATALOG NUMBER FROM NORTH AMERICAN ARCHITECTURAL WOODWORK STANDARDS (NAAWS)
(IF "M" IS INCLUDED SEE NOTE BELOW FOR DESCRIPTION OF MODIFICATION)
NOMINAL WIDTH
NOMINAL DEPTH
NOMINAL HEIGHT
DESCRIPTION OF MODIFICATION FROM CDS CATALOG
CDS
W#
D#
H#
MOD LINE 1
MOD LINE 2
FRAMING TAG
MEMBER SIZE
NUMBER OF STUDS
CAMBER SIZE
REACTION, TYPICAL BOTH ENDS
18K
W8X24 (25) C=1"
15K
MOMENT CONNECTION SYMBOL
*REFER TO MOMENT CONNECTION DETAILS
M1
FOOTING STEP
LEDGE STEP
FOOTING & LEDGE STEP
BEAM SPLICE SYMBOL
"S"
PIER TYPE
P1
FOOTING TYPE
F1
FOUNDATION WALL TYPE
FDN1
DIRECTION OF INSTALL
SPOT ELEVATION
??? 100' - 0"
DESCRIPTION
ELEVATION
COLUMN TYPE
CP#
C#
BP#
CAP PLATE
COLUMN
BASE PLATE
WELD SYMBOL
*REFER TO ANSI FOR WELD SYMBOL STANDARDS
1/4
2-12
NOTES

ISG

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

MOUNTING HEIGHTS, ABBREVIATIONS AND SYMBOLS

SHEET

G1-11

REFERENCE SCALE 1" = 1"
0 1/4" 1/2" 1" 2"

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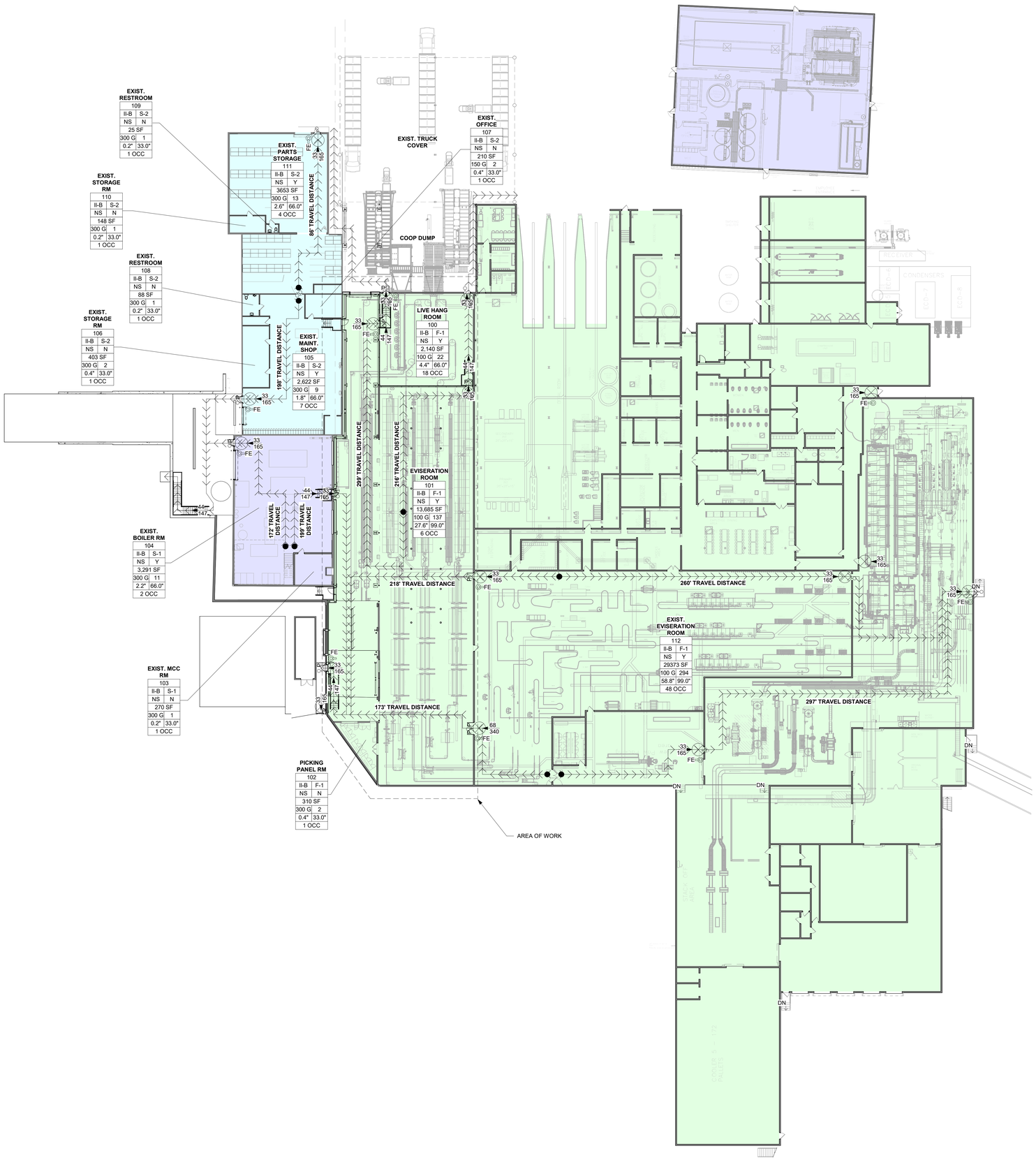
THIS SHEET ONLY VALID IF PRINTED IN COLOR



CODE DATA PLAN KEY

- EXIT SIGN
- FE — FIRE EXTINGUISHER
- 33 / 165 — EXIT WIDTH IN INCHES / EXIT OCCUPANT CAPACITY
- 45'-0" COMMON PATH OF TRAVEL
- 194'-4" MAX. EXIT TRAVEL DISTANCE
- P — PANIC DEVICE HARDWARE
- WALL MOUNTED EMERGENCY LIGHT W/ BATTERY BACK-UP*
- EXIT SIGN
- SPECIAL-PURPOSE INDUSTRIAL OCCUPANCY
- LOW-HAZARD STORAGE OCCUPANCY
- ORDINARY-HAZARD STORAGE OCCUPANCY

CONSTRUCTION TYPE	II-B	S-1	OCCUPANCY GROUP
SPRINKLED (SP) / NON-SPRINKLED (NS)	SP	Y	ALARM SYSTEM Y OR N
	10,789 SF		SPACE SQUARE FOOTAGE
OCCUPANT LOAD FACTOR	150	72	OCCUPANTS
EXIT WIDTH REQUIRED	80"	72"	EXIT WIDTH PROVIDED
	50 OCC		ACTUAL # OF OCCUPANTS

NOTES:
* REFER TO ELECTRICAL LIGHTING PLAN FOR ILLUMINATION OF MEANS OF EGRESS.

GENERAL CODE DATA

22 26942 – PILGRIMS EVIS RENOVATION – ATHENS, GEORGIA
GENERAL CODE DATA – 2023-01-31

OWNER
PILGRIM'S PRIDE
898 BARBER STREET
ATHENS, GEORGIA 30601

ARCHITECT
ISG
115 EAST HICKORY STREET, #300
MANKATO, MINNESOTA 56001

BUILDING LOCATION
898 BARBER STREET
ATHENS, GEORGIA

BUILDING CODE
2018 INTERNATIONAL BUILDING CODE (GEORGIA AMENDMENTS)
2018 INTERNATIONAL EXISTING BUILDING CODE (GEORGIA AMENDMENTS)
2018 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE (GEORGIA AMENDMENTS)
2020 NATIONAL ELECTRICAL CODE
NFPA 101 LIFE SAFETY CODE 2018 (GEORGIA AMENDMENTS)

ACCESSIBILITY CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

SCOPE OF WORK:
4,565 SF EXPANSION OF EVISCERATION PROCESS INTO OPEN-AIR PASSAGEWAY. INFILL CONSISTS OF STEEL FRAMED IMP WALLS AND BUILT-UP ROOF; 23 FEET TOP OF WALL. OTHER WORK INCLUDES RELOCATION OF PERSONNEL ACCESS AND EXIT DISCHARGE FROM BOILER BUILDING AND MAINTENANCE BUILDING.

CLASSIFICATIONS OF OCCUPANCIES: (LSC)
MIXED-USE, NON-SEPARATED
40.1.2.1.2 SPECIAL-PURPOSE INDUSTRIAL OCCUPANCY
42.1.2.1 LOW-HAZARD STORAGE OCCUPANCY
42.1.2.1 ORDINARY-HAZARD STORAGE OCCUPANCY

FIRE PROTECTION SYSTEMS AND ALLOWABLE AREA
NON-SPRINKLERED
NON-SEPARATED

PER SECTION 903.2.4 AND SECTION 903.2.9; AUTOMATIC SPRINKLER SYSTEMS OR 3 HOUR FIRE-RESISTANT CONSTRUCTION ARE REQUIRED THROUGHOUT BUILDINGS CONTAINING STORAGE AND INDUSTRIAL OCCUPANCIES WITH FIRE AREAS EXCEEDING 12,000 SF. ALTERNATIVE MEANS OF COMPLIANCE IS REQUESTED TO PROVIDE A NON-SPRINKLERED BUILDING.

IN LIEU OF FIRE SUPPRESSION SYSTEMS OR FIRE-RESISTANT CONSTRUCTION THE FOLLOWING TO BE PROVIDED:
- FIRE ALARM SYSTEM PROVIDED FOR ENTIRE BUILDING (NFPA 72 COMPLIANT)
- MEANS OF EGRESS LIGHTING PROVIDED
- EXIT SIGNAGE PROVIDED W/EMERGENCY BACKUP
- EXIT PROVIDED AND LOCATED MEETING MAXIMUM ALLOWABLE TRAVEL DISTANCE

CONSTRUCTION TYPE: (IBC)
TYPE II-B

BUILDING INFORMATION:
EXISTING BUILDING CONSISTS OF SPECIAL-PURPOSE INDUSTRIAL OCCUPANCIES AND LOW-HAZARD AND ORDINARY-HAZARD STORAGE USE; 112,358 SF FIRST FLOOR / 18,000 SF SECOND FLOOR. MAX BUILDING HEIGHT OF 44'-0".

OCCUPANT LOAD FACTOR: (LSC = PRIMARY / IBC = SUPPLEMENT)
SPECIAL-PURPOSE INDUSTRIAL OCCUPANCY:
LSC = NA (NOT APPLICABLE. THE OCCUPANT LOAD IS THE MAXIMUM PROBABLE NUMBER OF OCCUPANTS PRESENT AT ANY TIME.
IBC = 100 GROSS

LOW-HAZARD STORAGE OCCUPANCY:
LSC = NA (NOT APPLICABLE. THE OCCUPANT LOAD IS THE MAXIMUM PROBABLE NUMBER OF OCCUPANTS PRESENT AT ANY TIME.
IBC = 300 GROSS

ORDINARY-HAZARD STORAGE OCCUPANCY:
LSC = NA (NOT APPLICABLE. THE OCCUPANT LOAD IS THE MAXIMUM PROBABLE NUMBER OF OCCUPANTS PRESENT AT ANY TIME.
IBC = 300 GROSS

MEANS OF EGRESS: (LSC)
MINIMUM NUMBER OF EXITS REQUIRED: 3 REQUIRED
ACTUAL NUMBER OF EXITS: SEE CODE PLAN
MINIMUM EGRESS WIDTH REQUIRED: SEE CODE PLAN
EGRESS WIDTH PROVIDED: SEE CODE PLAN

COMMON PATH OF TRAVEL: (LSC)
SPECIAL-PURPOSE INDUSTRIAL OCCUPANCY = 50' MAXIMUM
LOW-HAZARD STORAGE OCCUPANCY = NL (NOT LIMITED)
ORDINARY-HAZARD STORAGE OCCUPANCY = 50' MAXIMUM

TRAVEL DISTANCE: (LSC)
SPECIAL-PURPOSE INDUSTRIAL OCCUPANCY = 300' MAXIMUM
LOW-HAZARD STORAGE OCCUPANCY = NL (NOT LIMITED)
ORDINARY-HAZARD STORAGE OCCUPANCY = 200' MAXIMUM

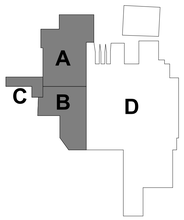
1 CODE DATA PLAN - OVERALL FIRST FLOOR
3/64" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:44:14 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. 030138
LICENSED ARCHITECT
01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

CODE DATA AND CODE DATA OVERALL PLAN

SHEET

G1-21

LOCATION MAP

SCALE IN FEET

0 200 400

CIVIL PLAN ABBREVIATIONS:

AC	ACRE	CF	CUBIC FOOT	C&G	CURB AND GUTTER	FDN	FOUNDATION	GL	GUTTER LINE	ID	INSIDE DIAMETER	MAX	MAXIMUM	OHD	OVERHEAD DOOR	RCP	REINFORCED CONCRETE PIPE	SY	SQUARE YARD	W/O	WITHOUT
ADA	AMERICANS WITH DISABILITIES ACT	CI	CAST IRON	DEMO	DEMOLITION	FES	FLARED END SECTION	GPM	GALLONS PER MINUTE	IN	INCH	MB	MAIL BOX	OZ	OUNCE	RD	ROOF DRAIN	T/C	TOP OF CURB	W/	WITH
ADD	ADDENDUM	CIP	CAST IRON PIPE	DIA	DIAMETER	FFE	FINISHED FLOOR ELEVATION	GV	GATE VALVE	INV	INVERT	MECH	MECHANICAL	PED	PEDESTAL, PEDESTRIAN	REBAR	REINFORCING BAR	TEL	TELEPHONE	YD	YARD
AFF	ABOVE FINISHED FLOOR	CIPC	CAST IN PLACE CONCRETE	DIM	DIMENSION	FPM	FEET PER MINUTE	HDPE	HIGH DENSITY POLYETHYLENE	IP	IRON PIPE	MH	MANHOLE	PERF	PERFORATED	REM	REMOVE	TEMP	TEMPORARY	YR	YEAR
AGG	AGGREGATE	CJ	CONTROL JOINT	DS	DOWNSPOUT	FPS	FEET PER SECOND	HD	HEAVY DUTY	IPS	IRON PIPE SIZE	MIN	MINIMUM	PL	PROPERTY LINE	ROW	RIGHT OF WAY	THRU	THROUGH		
APPROX	APPROXIMATE	CL	CENTERLINE	EA	EACH	FT	FOOT, FEET	HH	HANDHOLE	J-BOX	JUNCTION BOX	MISC	MISCELLANEOUS	PP	POLYPROPYLENE	R/W	RIGHT OF WAY	TNFH	TOP NUT OF FIRE HYDRANT		
ARCH	ARCHITECT, ARCHITECTURAL	CMP	CORRUGATED METAL PIPE	ELEC	ELECTRICAL	FTG	FOOTING	HORIZ	HORIZONTAL	JT	JOINT	NO	NUMBER	PSI	POUNDS PER SQUARE INCH	SAN	SANITARY	TRANS	TRANSFORMER		
BFE	BASEMENT FLOOR ELEVATION	CO	CLEANOUT	ELEV	ELEVATION	GA	GAUGE	HR	HOUR	LF	LINEAR FEET	NTS	NOT TO SCALE	PVC	POLYVINYL CHLORIDE	SCH	SCHEDULE	TV	TELEVISION		
BIT	BITUMINOUS	CONC	CONCRETE	EOF	EMERGENCY OVERFLOW	GAL	GALLON	HWL	HIGH WATER LEVEL	LIN	LINEAR	NWL	NORMAL WATER LEVEL	PVMT	PAVEMENT	SF	SQUARE FOOT	T/W	TOP OF WALL		
CAD	COMPUTER-AIDED DESIGN	CONST	CONSTRUCTION	EQ	EQUAL	GALV	GALVANIZED	HWY	HIGHWAY	LPS	LOW PRESSURE STEAM	OC	ON CENTER	QTY	QUANTITY	SPEC	SPECIFICATION	TYP	TYPICAL		
CB	CATCH BASIN	CONT	CONTINUOUS	EX	EXISTING	GC	GENERAL CONTRACTOR	HYD	HYDRANT	LS	LUMP SUM	OCEW	ON CENTER EACH WAY	R	RIM	SQ	SQUARE	UT	UTILITY, UNDERGROUND TELEPHONE		
CFS	CUBIC FEET PER SECOND	CY	CUBIC YARD	FDC	FIRE DEPARTMENT CONNECTION	GFE	GARAGE FLOOR ELEVATION	I	INVERT	LSO	LOWEST STRUCTURAL OPENING	OH	OVERHEAD	RAD	RADIUS	STA	STATION	VCP	VITRIFIED CLAY PIPE		

PROJECT ADDRESS / LOCATION:

898 BARBER STREET
ATHENS, GA 30601

SITE SUMMARY

ZONING:	E-I EMPLOYMENT INDUSTRIAL
SITE/DISTURBED AREA:	18,750 SQ. FT / 0.43 AC.
IMPERVIOUS AREA:	13,150 SQ. FT / 0.30 AC.
GREENSPACE	5,600 SQ. FT / 0.13 AC.

SETBACKS

	BUILDING
FRONT YARD	10'-0"
SIDE YARD ADJACENT TO STREET	10'-0"

PROJECT GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT/ENGINEER.
2. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
5. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
7. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
8. THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
9. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES FLAGGED WITH INVERT ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
10. ALL LAND DISTURBANCE TO BE STABILIZED WITH VEGETATION UPON COMPLETION OF DEMOLITION.
11. ALL DEMOLITION DEBRIS TO BE HAULED OFF SITE.

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE ATHENS-CLARKE COUNTY UNIFIED GOVERNMENT REQUIREMENTS AND GDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2021 EDITION.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1988.

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN OCTOBER 2022 BY ROCHESTER DCCM.

LEGEND

EXISTING

- CITY LIMITS
- SECTION LINE
- QUARTER SECTION LINE
- RIGHT OF WAY LINE
- PROPERTY / LOTLINE
- EASEMENT LINE
- ACCESS CONTROL
- WATER EDGE
- WETLAND BOUNDARY
- WETLAND / MARSH
- FENCE LINE
- CULVERT
- STORM SEWER
- SANITARY SEWER
- SANITARY SEWER FORCEMAIN
- WATER
- GAS
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND TV
- OVERHEAD UTILITY
- UNDERGROUND UTILITY
- UNDERGROUND FIBER OPTIC
- CONTOUR (MAJOR)
- CONTOUR (MINOR)
- DECIDUOUS TREE
- CONIFEROUS TREE
- TREE LINE
- MANHOLE/STRUCTURE
- CATCH BASIN
- HYDRANT
- VALVE
- CURB STOP
- POWER POLE
- UTILITY PEDESTAL / CABINET

PROPOSED

- LOT LINE
- RIGHT OF WAY
- EASEMENT
- CULVERT
- STORM SEWER
- STORM SEWER (PIPE WIDTH)
- SANITARY SEWER
- SANITARY SEWER (PIPE WIDTH)
- WATER
- GAS
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND TV
- CONTOUR
- MANHOLE (STORM, SANITARY)
- CATCH BASIN
- HYDRANT
- VALVE

CIVIL SHEET INDEX

ISG

GEORGIA REGISTERED No. 46799 PROFESSIONAL ENGINEER ANDREW T. BRANDT ANDREW T. BRANDT

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

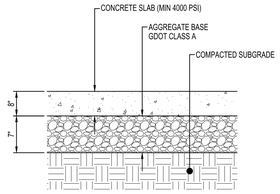
PROJECT NO.	22-26942
FILE NAME	26942 C0-DATA
DRAWN BY	GBV
DESIGNED BY	GBV
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	-

TITLE

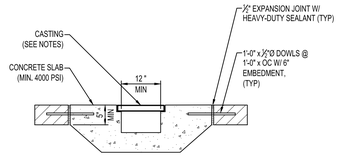
SITE DATA

SHEET

C0-10



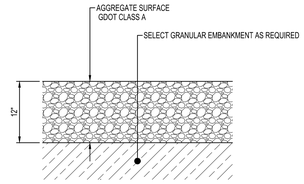
CONCRETE PAVEMENT
NTS



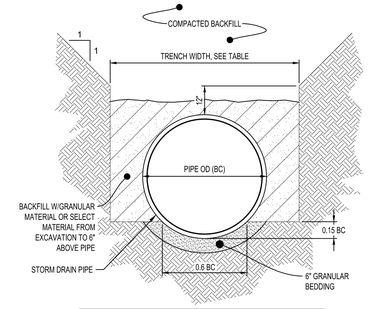
NOTES:

CASTING	=	NEENAH R-4990-DX
GRATE	=	TYPE C

CONCRETE TRENCH DRAIN
NTS SD550



AGGREGATE SURFACE
NTS



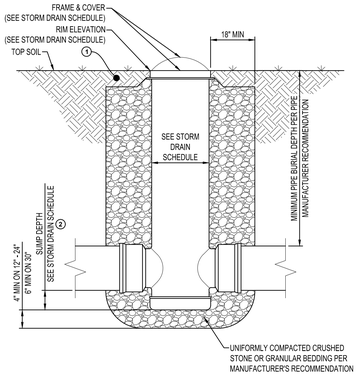
TRENCH WIDTH

PIPE Ø	TRENCH WIDTH
36" OR LESS	BC + 24"
42" TO 54"	1.5 x BC
60" OR OVER	BC + 36"

NOTES:

GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

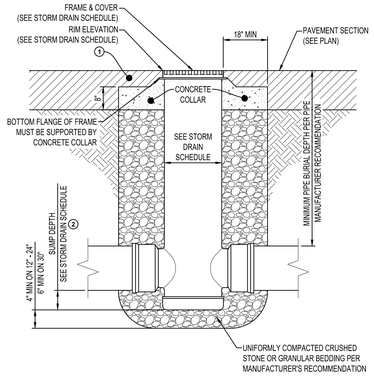
NON-CONCRETE STORM DRAIN PIPE BEDDING
NTS



NOTES:

1. DESIGN SHOULD ACCOUNT FOR ROOT DEPTH TO ALLOW TURF TO GROW AND PREVENT EROSION AROUND GRATE SO THAT HAZARDS TO DO NOT FORM
2. 6" MIN ON 8" - 24" DRAIN BASIN, 10" MIN ON 30" DRAIN BASIN. VERIFY WITH MANUFACTURER'S RECOMMENDATIONS.

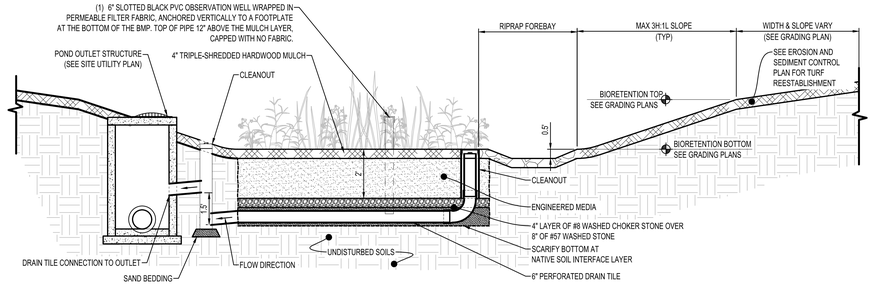
DRAIN BASIN
NTS



NOTES:

1. IF ASPHALT PAVEMENT, TOP OF CONCRETE COLLAR SHOULD BE SET AT BOTTOM OF NON-WEAR COURSE.
2. 6" MIN ON 8" - 24" DRAIN BASIN, 10" MIN ON 30" DRAIN BASIN. VERIFY WITH MANUFACTURER'S RECOMMENDATIONS.

DRAIN BASIN
NTS



ENGINEERED MEDIA COMPOSITION:

1. 60% SILICA SAND - USDA COARSE SAND, (0.02 TO 0.04") PRE-WASHED TO REMOVE CLAY AND SILT PARTICLES AND WELL-DRAINED OR DRY PRIOR TO MIXING.
2. 20% ORGANIC MATTER
3. 20% TOPSOIL
4. INFILTRATION RATE BETWEEN 2 AND 4 IN/HR
5. P-INDEX < 30
6. CEC > 10 MEQ/100 GRAMS OF DRY WEIGHT
7. PH RANGE OF 6-8
8. ENGINEERED SOIL MIX SHALL BE FREE OF ROCKS, STUMPS, ROOTS, BRUSH, OR OTHER MATERIAL OVER 1" DIA. NO OTHER MATERIALS SHALL BE MIXED WITH THE PLANTING SOIL THAT MAY BE HARMFUL TO THE PLANT GROWTH OR PROVE A HINDRANCE TO PLANTING OR MAINTENANCE.

NOTES:

1. BIORETENTION BASIN SHALL BE STAKED OFF AND MARKED TO KEEP ALL CONSTRUCTION TRAFFIC, EQUIPMENT, AND MATERIAL STOCK PILES OUT OF THE PROPOSED AREA.
2. CONTRACTOR SHALL ENSURE THAT THE BIORETENTION BASIN IS NOT USED AS A SEDIMENT TRAP DURING CONSTRUCTION AND THAT NO RUNOFF ENTERS BIORETENTION BASIN PRIOR TO THE COMPLETION OF CONSTRUCTION AND COMPLETE STABILIZATION OF SURROUNDING AREAS. ALL UPLAND DRAINAGE MUST BE DIVERTED TO PREVENT RUNOFF FROM ENTERING BIORETENTION BASIN AREA.
3. BIORETENTION BASIN SHALL BE CONSTRUCTED AT END OF PROJECT AFTER ALL AREAS SURROUNDING IT AND DRAINING INTO IT HAVE BEEN CONSTRUCTED AND FULLY STABILIZED. NO EQUIPMENT SHALL BE DRIVEN IN THE AREA OF THE BIORETENTION BASIN PRIOR TO ITS CONSTRUCTION AND ONLY LIGHT EARTH MOVING EQUIPMENT WITH TRACKS SHALL BE USED.
4. IMMEDIATELY FOLLOWING BIORETENTION BASIN CONSTRUCTION, THE ENTIRE BIORETENTION BASIN SHALL BE SEEDED AND STABILIZED AS INDICATED IN THE CONTRACT DOCUMENTS. BIORETENTION BASIN MUST BE FULLY STABILIZED PRIOR TO ANY UPSTREAM RUNOFF BEING DIRECTED TO THE BASIN.

TYP. MAINTENANCE ACTIVITIES FOR BIORETENTION AREAS

ACTIVITY	FREQUENCY
WATER PLANTS	AS NECESSARY DURING FIRST GROWING SEASON
WATER AS NECESSARY DURING DRY PERIODS	AS NEEDED AFTER FIRST GROWING SEASON
RE-MULCH VOID AREAS	AS NEEDED
TREAT DISEASED TREES AND SHRUBS	AS NEEDED
INSPECT SOIL AND REPAIR ERODED AREAS	MONTHLY
REMOVE LITTER AND DEBRIS	MONTHLY
ADD ADDITIONAL MULCH	ONCE PER YEAR

BIORETENTION BASIN
NTS SD750

ISG

GEORGIA REGISTERED No. 46799 PROFESSIONAL ENGINEER ANDREW T. BRANDEX

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 C0-DETAILS
DRAWN BY	GBV
DESIGNED BY	GBV
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	-

TITLE

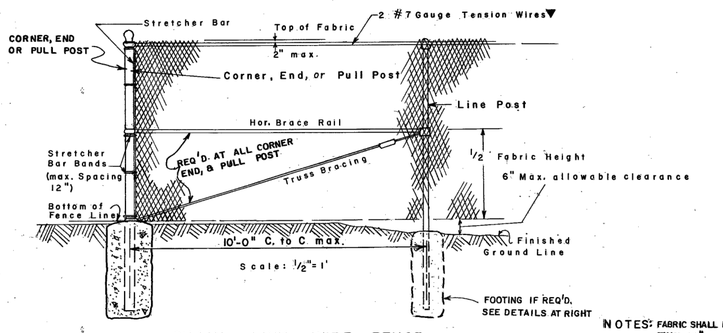
SITE DETAILS

SHEET

C0-40

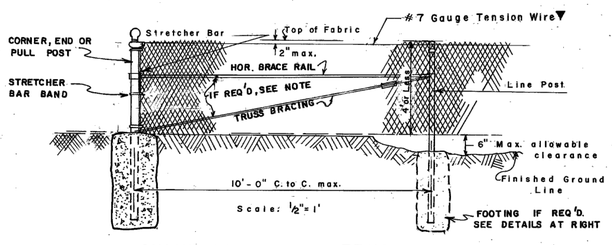
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

DETAILS OF CHAIN-LINK WIRE FENCE

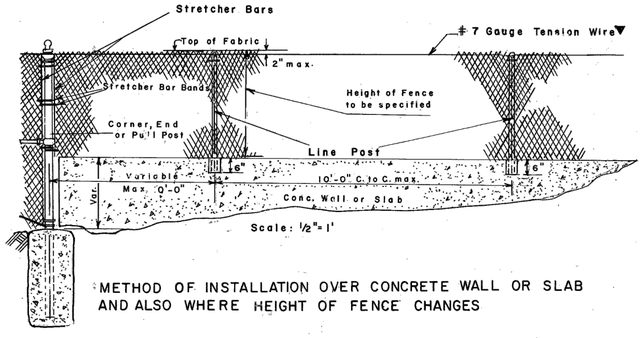


CHAIN LINK WIRE FENCE
(OVER 4 FT HEIGHT)

CONCRETE FOOTINGS ARE REQUIRED AT ALL CORNERS, END AND PULL POST



CHAIN LINK WIRE FENCE
(4 FT. OR LESS HEIGHT)



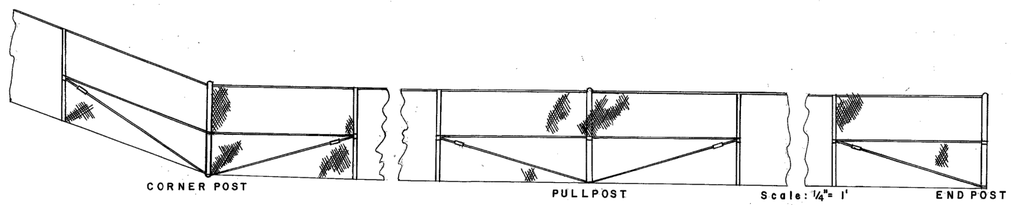
METHOD OF INSTALLATION OVER CONCRETE WALL OR SLAB AND ALSO WHERE HEIGHT OF FENCE CHANGES

NOTES: FABRIC SHALL BE FASTENED TO LINE POST AT INTERVALS NOT GREATER THAN 14".

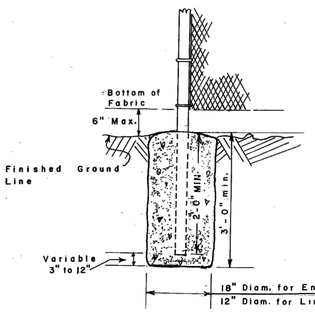
TENSION WIRES SHALL BE TIED TO FABRIC WITH 9 GA. WIRE OR 11 GA. HOG RINGS AT 24" C. TO C. MAX. SPACINGS.

▼ WHERE A PROPERTY OWNERS CHAIN LINK WIRE FENCE HAS TO BE REPLACED BY THE DEPARTMENT AS PART OF THE CONSTRUCTION PROJECT, AND THE EXISTING FENCE HAD A TOP RAIL, THEN THE NEW REPLACEMENT FENCE SHALL ALSO HAVE A SIMILAR TYPE RAIL INSTEAD OF TENSION WIRES AT THE TOP OF THE FENCE.

HORIZONTAL BRACE RAILS & TRUSS BRACING SHALL BE REQUIRED AT ALL CORNER, END AND PULL POSTS, EXCEPT WHERE A CONTINUOUS TOP RAIL IS SPECIFIED (SEE NOTE ABOVE) WITH A FENCE 4 FT. OR LESS IN HEIGHT.



METHOD OF BRACING END, CORNER AND PULL POST

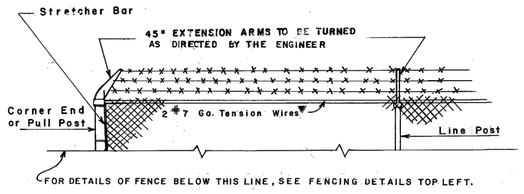


FOOTING DETAIL FOR FENCE POSTS

*ALTERNATE:

TYPE "C" LINE POSTS OR 2 3/8" ϕ TUBE LINE POSTS OR OTHER TYPE LINE POSTS APPROVED BY THE D.O.T. LABORATORY MAY BE DRIVEN TO A MINIMUM DEPTH OF THREE (3) FEET INSTEAD OF THE CONCRETE FOOTING SHOWN, PROVIDED THE SOIL IS EITHER CLASS I, II, III, OR V SOIL. CONCRETE FOOTINGS WILL BE REQUIRED FOR LINE POSTS INSTALLED IN MARSHY OR SWAMPY AREAS (CLASS IV SOILS).

ALL CORNER, END AND PULL POSTS SHALL HAVE CONCRETE FOOTINGS AS SHOWN.



DETAILS OF BARBED WIRE WITH EXTENSION ARMS FOR CHAIN LINK WIRE FENCE

8-15-85 REV. & ADDED NOTES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD

CHAIN LINK WIRE FENCE

SCALE AS SHOWN REV. & REDR. JUNE, 1981

R.M.U. DES. 4-62 REV. RMU RET'R. GME CHK RKC

(SUBMITTED) Floyd Ehrlich STATE ROAD & AIRPORT DESIGN ENGR.

(APPROVED) James D. Workman STATE HIGHWAY ENGINEER

NUMBER 9031N

FORM E23

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 C0-DETAILS
DRAWN BY	GBV
DESIGNED BY	GBV
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	-

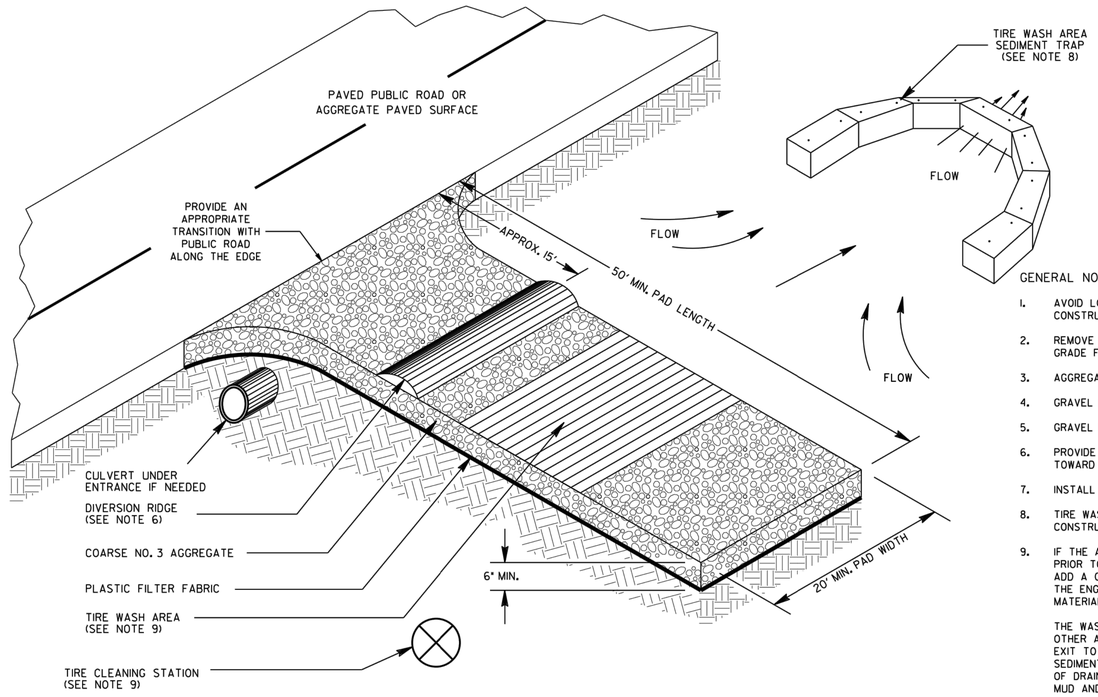
TITLE

SITE DETAILS

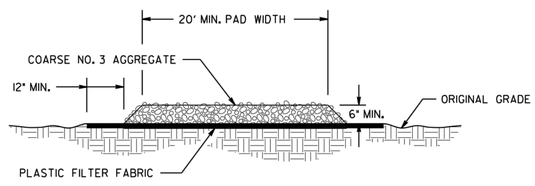
SHEET

C0-41

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



ENTRANCE ELEVATION



GENERAL NOTES:

1. AVOID LOCATING CONSTRUCTION EXITS ON STEEP SLOPES OR AT SHARP CURVES ON PUBLIC ROADS. CONSTRUCTION EXITS ARE NOT REQUIRED FOR DIRT PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA AND GRADE FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE COARSE NO. 3 AGGREGATE WITH 0.0% PASSING THE 1.06 INCH U.S. STANDARD SIEVE.
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES AND PLACED ON APPROVED PLASTIC FILTER FABRIC.
5. GRAVEL PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. PROVIDE A TRAVERSABLE DIVERSION RIDGE CONSTRUCTED OF AGGREGATE 6 INCHES TO 8 INCHES HIGH WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL CULVERT UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. TIRE WASH AREA INCLUDES SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE AND SHALL BE CONSTRUCTED EVEN IF CONSTRUCTION EXIT TIRE CLEANING STATION IS NOT USED.
9. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD DOES NOT SUFFICIENTLY REMOVE THE MUD PRIOR TO ENTERING PUBLIC ROADS THUS DICTATING ADDITIONAL TIRE CLEANING MEASURES, THE CONTRACTOR SHALL ADD A CONSTRUCTION EXIT TIRE CLEANING STATION TO AN EXISTING CONSTRUCTION EXIT OR WHEN DIRECTED BY THE ENGINEER. THE CONSTRUCTION EXIT TIRE CLEANING STATION INCLUDES: WATER SOURCE, LABOR AND ALL MATERIALS NECESSARY TO PERFORM TASK. THIS WILL BE PAID FOR AS SHOWN IN SECTION 163.

   THE WASHING SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE THAT DRAINS INTO A SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE CONSTRUCTION EXIT TO THE SEDIMENT CONTROL DEVICE. ACCEPTABLE SEDIMENT STORAGE DEVICE EXAMPLES INCLUDE TEMPORARY SEDIMENT TRAPS, HAY BALES OR STONE FILTER RING WITH THE SEDIMENT STORAGE SIZED FOR 67 CUBIC YARDS PER ACRE OF DRAINAGE. TIRE WASHING SHALL BE DONE MANUALLY OR BY EQUIPMENT SUITABLE FOR TRUCK TRAFFIC THAT REMOVES MUD AND DIRT.
10. AGGREGATE SHALL BE KEPT LOOSE OR SCARIFIED WHEN AGGREGATE BECOMES CONSOLIDATED.
11. CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR, AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. MAINTENANCE OF CONSTRUCTION EXIT MAY BE PAID WITH OR WITHOUT THE MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA. WHEN DIRECTED BY THE ENGINEER. ALL MUD AND DEBRIS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

    SEE SECTION 163 FOR THE CONSTRUCTION AND REMOVAL OF CONSTRUCTION EXITS. SEE SECTION 165 FOR THE MAINTENANCE OF CONSTRUCTION EXITS.

PAY ITEM:

163-0301	CONSTRUCT AND REMOVE CONSTRUCTION EXITS	(EA)
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	(EA)
165-0310	MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA	(EA)

PAY ITEM: FOR FIELD USE ONLY ACCORDING TO SECTION 163

163-0310	CONSTRUCTION EXIT TIRE CLEANING STATION	(DAY)

BY	DATE	REVISION
HAC	11-04-20	REV GEN NOTES * 8-8
		REV PAY ITEM DESCS/REFS
DLE	04-18-18	REV. TIRE WASH & NOTES
DLE	04-22-16	REV. GSWCC 2016 MANUAL
TPC	01-19-11	REV. CONSTR. EXIT LABELS

DESIGNED ____
DRAWN DLE
TRACED ____
CHECKED ____

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

CONSTRUCTION EXIT

NO SCALE FEBRUARY 2001

NUMBER D-41

ISG

GEORGIA REGISTERED No. 46799 PROFESSIONAL ENGINEER ANDREW T. BRANDEX

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

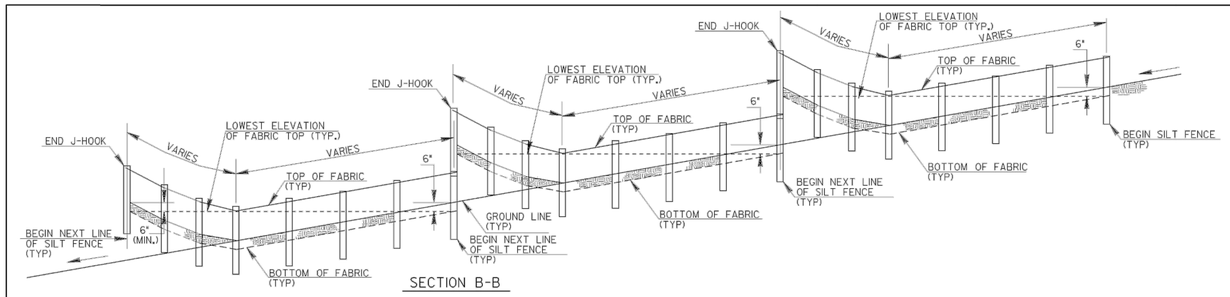
PROJECT NO.	22-26942
FILE NAME	26942 C1-SWPPP
DRAWN BY	GBV
DESIGNED BY	GBV
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	-

TITLE

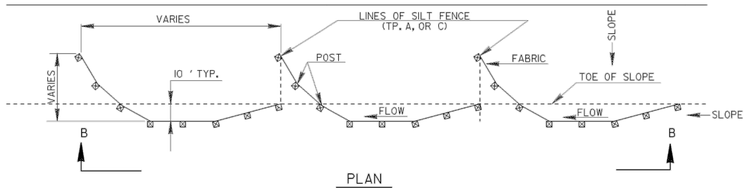
EROSION AND SEIMENT CONTROL DETAILS

SHEET

C1-20

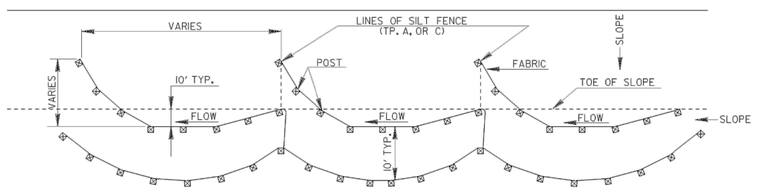


SECTION B-B



PLAN

SINGLE ROW SILT FENCE



PLAN

DOUBLE ROW SILT FENCE

TYPICAL J HOOK SPACING		
SLOPE PERCENT	TYPE OF SILT FENCE	MINIMUM SPACING (FEET)
1% TO 2%	TYPE A	100' ±
2% TO 3%	TYPE A	50' ±
3% TO 4%	TYPE C	50' ±
4% TO 5%	TYPE C	25' ±

NOTE:

1. IF THE GRADE IS BETWEEN 0 TO 1 PERCENT, THE SILT FENCE SHALL BE PLACED ACROSS THE DITCH.
2. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS.

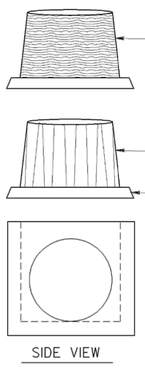
(PLASTIC ALTERNATE)

NOTE:
THE DRAINAGE AREA ENTERING THE INLET SEDIMENT TRAP SHALL BE NO GREATER THAN ONE ACRE.

TYPICAL CONSTRUCTION SEQUENCE FOR INLET SEDIMENT TRAP ALTERNATE

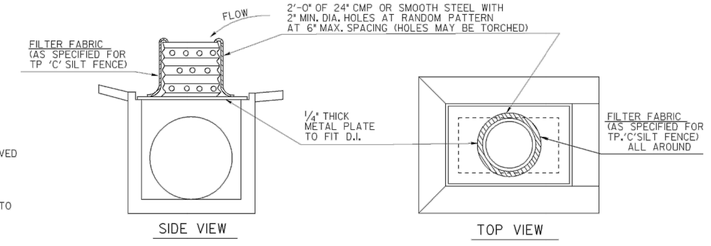
1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
3. SLIDE THE FILTER OVER THE FRAME.
4. FILL THE FILTER POCKETS WITH SOIL. #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
5. BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.

NOTE:
INLET SEDIMENT TRAP ALTERNATE SHALL BE AS APPROVED BY THE GA. D.O.T. OFFICE OF MATERIALS & RESEARCH. DETAILS & SPECIFICATIONS NOT SHOWN ARE PER THE MANUFACTURER'S REQUIREMENTS.



SIDE VIEW

(METAL ALTERNATE)



SIDE VIEW TOP VIEW

NOTE: WHERE INLET SEDIMENT TRAPS ARE SPECIFIED, EITHER THE PLASTIC ALTERNATE (LEFT) OR THE METAL ALTERNATE (RIGHT) MAY BE USED AS APPROVED BY THE ENGINEER.

NOTE:
INLET SEDIMENT TRAP AND INLET TO BE BUILT CONTINUOUS WITH PIPE

NOTE:
PAYMENT AS INLET SEDIMENT TRAP PER EACH

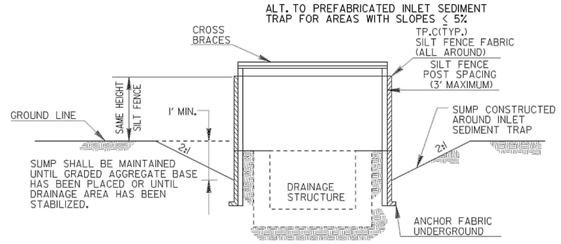
NOTE: SEE SEPARATE DETAILS FOR SILT FENCE AROUND DROP INLETS.

INLET SEDIMENT TRAP - FOR DROP INLETS

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

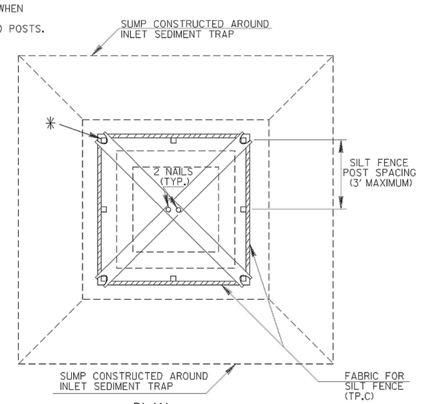
TYPICAL LOCATION AROUND DROP INLETS

ALT. TO PREFABRICATED INLET SEDIMENT TRAP FOR AREAS WITH SLOPES ≤ 5%



ELEVATION

✳ CROSS BRACING REQUIRED WHEN USING 'ALTERNATE' TYPE C PRODUCTS WHICH USE WOOD POSTS.



PLAN

CROSS BRACES:

TWO - 2 X 4's WITH ENDS TO FIT POST, PROVIDING STURDY SUPPORT, OR AN APPROVED ALTERNATE

NOTE:
PAYMENT AS INLET SEDIMENT TRAP PER EACH.

NOTE:
SEE SEPARATE SHEET ENTITLED 'TEMPORARY SILT FENCE DETAILS' FOR SILT FENCE ERECTION DETAILS.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS
TEMPORARY SILT FENCE
J-HOOK, INLET SEDIMENT TRAPS

NO SCALE — JANUARY 2011

DATE | REVISION | BY

NUMBER D-24C (SHEET 3 OF 4)

ISG

GEORGIA REGISTERED No. 46799 PROFESSIONAL ENGINEER ANDREW T. BRANDER

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 C1-SWPPP
DRAWN BY	GBV
DESIGNED BY	GBV
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	-

TITLE

EROSION AND SEDIMENT CONTROL DETAILS

SHEET

C1-21

EROSION CONTROL LEGEND

SYMBOL	DESCRIPTION
SF	SILT FENCE, PREASSEMBLED
	STORM DRAIN INLET PROTECTION
101	EXISTING CONTOUR (MINOR INTERVAL)
100	EXISTING CONTOUR (MAJOR INTERVAL)

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.

SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT.

NOTE: SWPPP COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS SWPPP INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

N

0 10 20

SCALE IN FEET

ISG

GEORGIA REGISTERED No. 46799 PROFESSIONAL ANDREW T. BRANDER

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PILGRIMS

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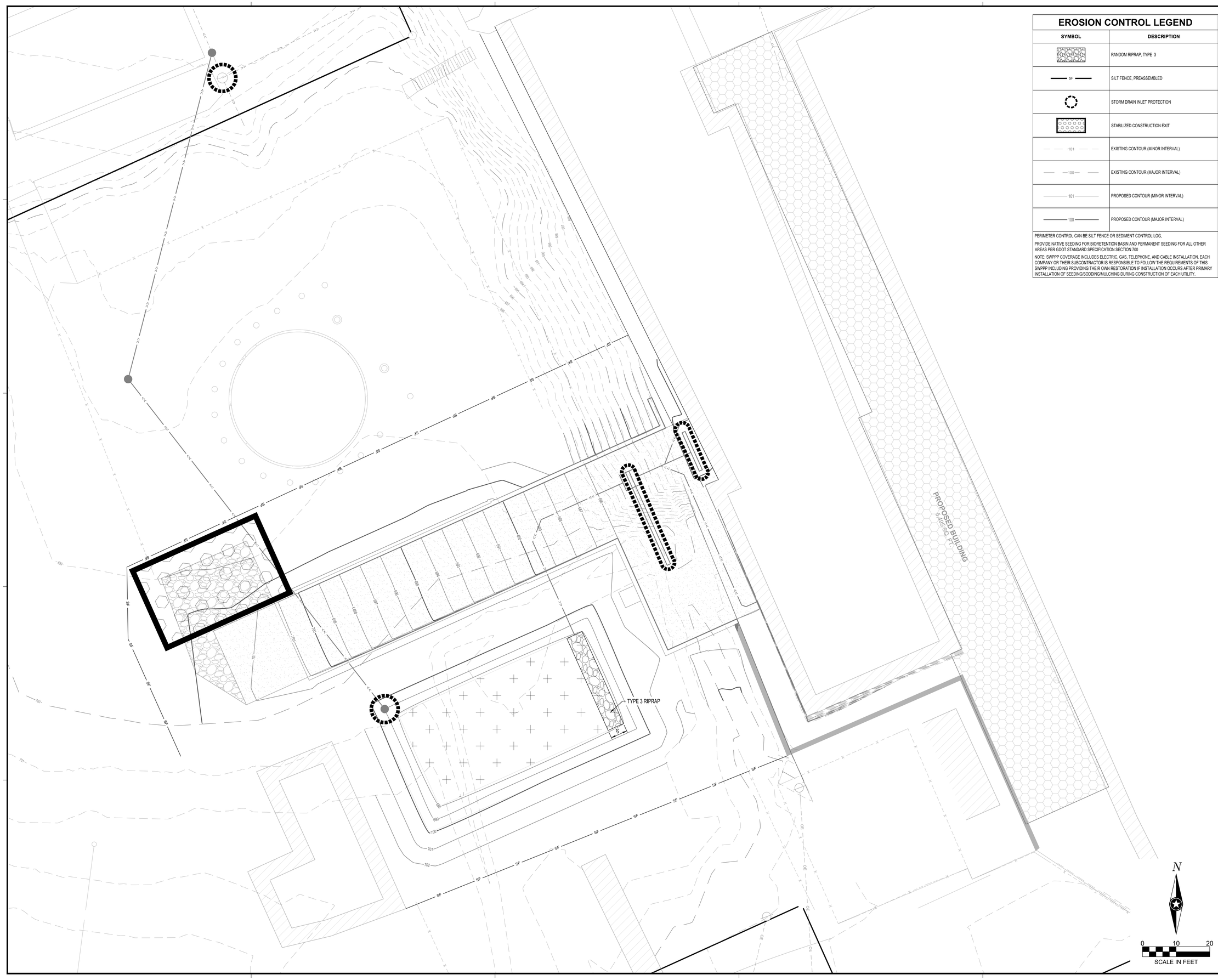
CLIENT PROJECT NO.	-

TITLE

EROSION AND SEDIMENT CONTROL PLAN INITIAL PLAN

SHEET

C1-30



EROSION CONTROL LEGEND

SYMBOL	DESCRIPTION
	RANDOM RIPRAP, TYPE 3
SF	SILT FENCE, PREASSEMBLED
	STORM DRAIN INLET PROTECTION
	STABILIZED CONSTRUCTION EXIT
101	EXISTING CONTOUR (MINOR INTERVAL)
100	EXISTING CONTOUR (MAJOR INTERVAL)
101	PROPOSED CONTOUR (MINOR INTERVAL)
100	PROPOSED CONTOUR (MAJOR INTERVAL)

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.

PROVIDE NATIVE SEEDING FOR BIORETENTION BASIN AND PERMANENT SEEDING FOR ALL OTHER AREAS PER GDOT STANDARD SPECIFICATION SECTION 700

NOTE: SWPPP COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS SWPPP INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

ISG

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TITLE

EROSION AND SEDIMENT CONTROL PLAN FINAL STABILIZATION

SHEET

C1-40

REMOVE PUMP STATION

REMOVE STORM FORCEMAIN PIPE

REMOVE CONCRETE (TYP)

REMOVE FENCE (TYP)

REMOVE GRAVEL (TYP)

REMOVE RETAINING WALL (TYP)

CLEAR AND GRUB TREES

REMOVAL LEGEND

SYMBOL	DESCRIPTION
	REMOVE HMA PAVEMENT
	REMOVE CONCRETE PAVEMENT
	REMOVE CONCRETE WALK
	REMOVE AGGREGATE SURFACING
	CLEAR AND GRUB TREES AND UNDERBRUSH

CONTRACTOR SHALL VERIFY EXISTING PAVEMENT SECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

PAVEMENT REMOVALS SHALL INCLUDE FULL DEPTH SAWCUT AND SECTION REMOVAL.

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SCALE IN FEET

ISG

GEORGIA REGISTERED No. 46799 PROFESSIONAL ENGINEER ANDREW T. BRANDEX

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 C2-EXIST
DRAWN BY	GBV
DESIGNED BY	GBV
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	-

TITLE

EXISTING SITE AND REMOVAL PLAN

SHEET

C2-10

STORM DRAIN STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STRUCTURE SIZE (IN)	STRUCTURE MATERIAL	CASTING	PAY HEIGHT (LN FT)	* TOP OF CASTING ELEVATION	OUTLET INVERT	OUTLET PIPE
ST-1	DRAIN BASIN	12 Ø	PVC	DOME GRATE	4.00	699.00	695.00	P-1
ST-2	DRAIN BASIN	24 Ø	PVC	STANDARD FRAME & COVER	3.82	697.57	693.75	P-2
ST-3	DRAIN BASIN	24 Ø	PVC	STANDARD FRAME & COVER	9.61	690.61	681.00	

STORM DRAIN PIPE SCHEDULE

PIPE NO.	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE (IN)	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
P-1	ST-1	695.00	ST-2	693.75	12	PVC	SDR-35	1.01%	124
P-2	ST-2	693.75	ST-3	681.00	12	PVC	SDR-35	12.73%	100

PAVEMENT LEGEND

SYMBOL	DESCRIPTION
	HMA PAVEMENT
	CONCRETE PAVEMENT

CONNECT TO EXISTING 18" CMP PIPE
FIELD VERIFY SIZE, DEPTH, AND LOCATION

ST-3
R=690.61
I=681.00

ST-2
R=697.57
I=693.75

ST-1
R=699.00
I=695.00

6" PVC SCH-40 @ 1.0% MIN SLOPE

ROOF DRAIN CONNECTION
(REFER TO PLUMBING PLAN)

PUMP STATION
(BY OTHERS)

TRENCH DRAINS
(SEE DETAIL)

RETAINING WALL (TYP)
(SEE STRUCTURAL PLAN)

CONCRETE RAMP
(SEE STRUCTURAL PLAN)

10" PVC SCH-40 @ 1.0% MIN SLOPE

ROOF DRAIN CONNECTION
(REFER TO PLUMBING PLAN)

PROPOSED BUILDING
5,495 SQ. FT.

AGGREGATE SURFACE
(SEE DETAIL)

CONCRETE STOOP
(SEE STRUCTURAL PLAN)

BIORETENTION BASIN
(SEE DETAIL)

N

0 10 20
SCALE IN FEET

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PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

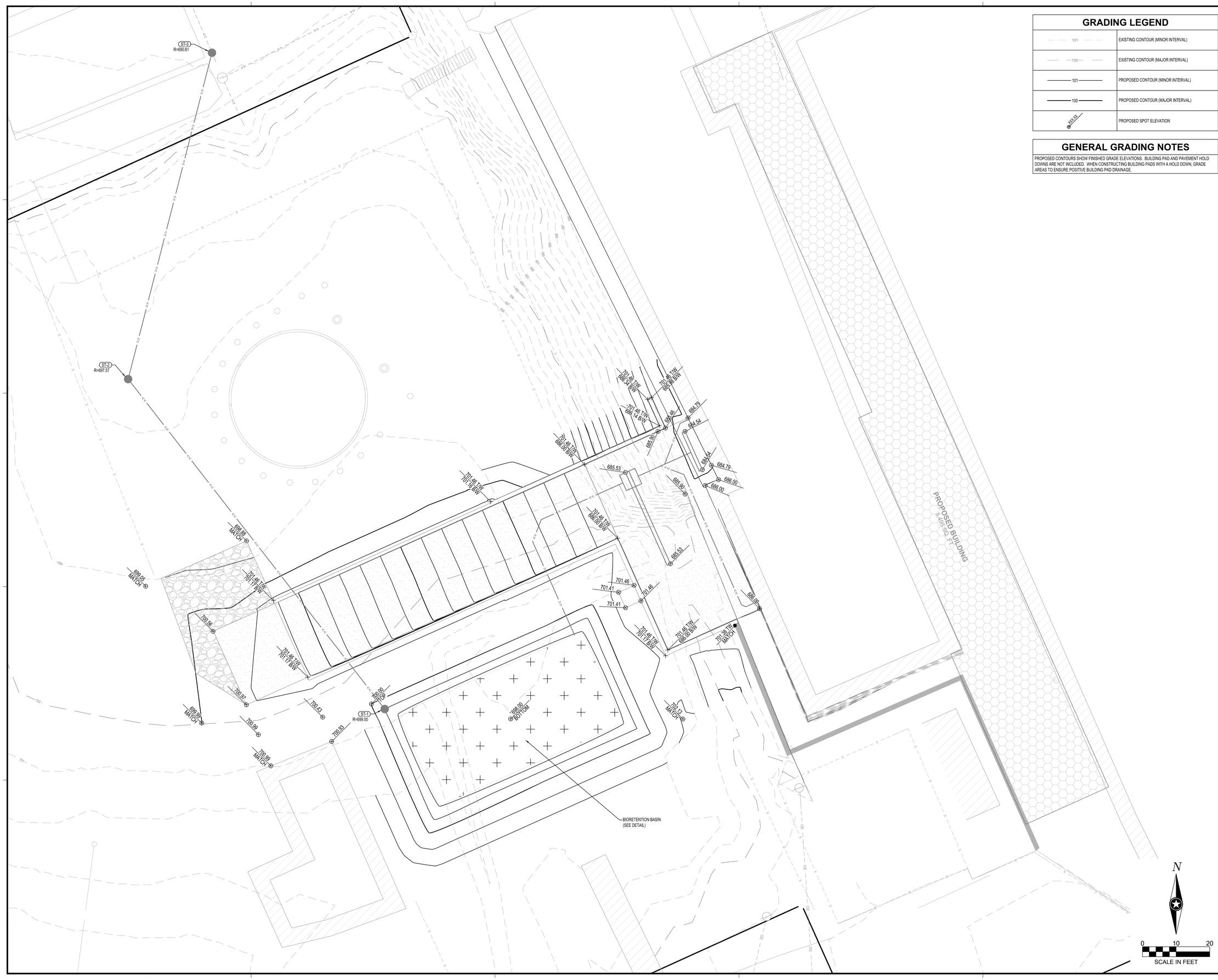
PROJECT NO.	22-26942
FILE NAME	26942 C3-SITE
DRAWN BY	GBV
DESIGNED BY	GBV
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	-

TITLE

SITE PLAN

SHEET

C3-10



GRADING LEGEND

101	EXISTING CONTOUR (MINOR INTERVAL)
100	EXISTING CONTOUR (MAJOR INTERVAL)
101	PROPOSED CONTOUR (MINOR INTERVAL)
100	PROPOSED CONTOUR (MAJOR INTERVAL)
XXX.XX	PROPOSED SPOT ELEVATION

GENERAL GRADING NOTES

PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.

N

0 10 20

SCALE IN FEET

ISG

GEORGIA REGISTERED No. 46799 PROFESSIONAL ANDREW T. BRANDER

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

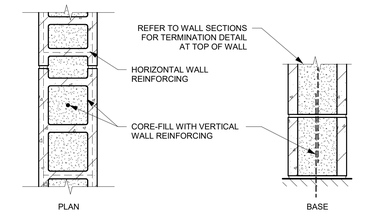
PROJECT NO.	22-26942
FILE NAME	26942 C4-GRADE
DRAWN BY	GBV
DESIGNED BY	GBV
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	-

TITLE

GRADING PLAN

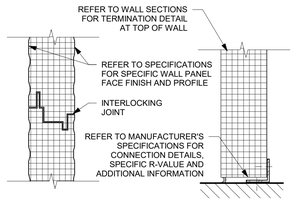
SHEET

C4-10



WALL TYPE	BLOCK SIZE (NOMINAL WIDTH AND HEIGHT)	CALCULATED FIRE RATING	REINFORCEMENT	KEY NOTES
M8	8x8x16		REFER TO STRUC SCHEDULES SPECIFIC	3, 5, 8

M WALL TYPE M (INTERIOR NON-RATED MASONRY)
NOT TO SCALE



WALL TYPE	PANEL THICKNESS	PANEL WIDTH	APPROXIMATE R-VALUE	WALL PANEL ORIENTATION	KEY NOTES
Q3	3"	42"	26.2	VERTICAL	

Q WALL TYPE Q (INSULATED METAL PANEL)
NOT TO SCALE

WALL ASSEMBLY KEY NOTES:

NOT ALL KEY NOTES APPLY TO PROJECT. VERIFY WITH SPECIFIC WALL TYPE.

1. INCLUDE FIBERGLASS SOUND INSULATION.
2. PROVIDE FIRE-RATED SEALANT AT WALL BASE, TOP, AND AROUND ALL PENETRATIONS. ENSURE SPECIFIC FIRE RATED ASSEMBLY REQUIREMENTS ARE MAINTAINED. TYPICAL BOTH SIDES OF WALL.
3. REFER TO IBC CHAPTER 7, TABLE "MINIMUM EQUIVALENT THICKNESS OF BEARING OR NONBEARING CONCRETE MASONRY WALLS" FOR CALCULATED FIRE-RESISTANCE RATING.
4. 2 HOUR FIRE RATED 8" CMU WALL ASSEMBLY REQUIRES GROUTED CELLS AT 40" OC MAXIMUM.
5. INCLUDE PAINTABLE ACOUSTIC SEALANT AT WALL BASE AND TOP TERMINATIONS. TYPICAL BOTH SIDES OF WALL (WHERE APPLICABLE).
6. PROVIDE DOUBLE TOP PLATES AT ALL LOAD BEARING WALLS.
7. WOOD FRAMING MEMBERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
8. PROVIDE 1" GAP FOR DEFLECTION ALLOWANCE BETWEEN WALL FINISH / SUBSTRATE AND STRUCTURE ABOVE. TYPICAL UNLESS NOTED OTHERWISE ON STRUCTURAL DOCUMENTS.

GENERAL WALL ASSEMBLY NOTES:

A. NOT ALL WALL TYPES LISTED APPLY TO THIS PROJECT. REFER TO FLOOR PLAN FOR LOCATIONS AND ADDITIONAL NOTES.

B. LIGHT GAUGE STEEL FRAMING MEMBER DESIGNATION SYSTEM: (REFER TO STRUCTURAL NOTES)

600S125-54 (EQUIVALENT TO 6" x 16 GAUGE STUD OR JOIST WITH 1 1/4" FLANGES)

- MINIMUM BASE METAL THICKNESS IN MILS. EXAMPLE - .054 = 54 MILS)
  - 18 = 25 GAUGE
  - 27 = 22 GAUGE
  - 30 = 20 GAUGE (DRYWALL)
  - 33 = 20 GAUGE (STRUCTURAL)
  - 43 = 18 GAUGE
  - 54 = 16 GAUGE
  - 68 = 14 GAUGE
  - 97 = 12 GAUGE
- FLANGE WIDTH (1/100 INCHES): EXAMPLE - 125 = 1.25"
- STYLE: S = STUD OR JOIST SECTION (WITH FLANGE STIFFENERS) = [
  - T = TRACK SECTION = ⌴
  - U = CHANNEL SECTION (STUDS WITHOUT FLANGE STIFFENERS) = [
  - F = FURRING CHANNEL = ⩘
  - Z = ZEE SECTION = ⌐
- MEMBER DEPTH (1/100 INCHES): EXAMPLE - 600 = 6"

C. IN ALL WET AREAS SUCH AS SHOWERS AND TUBS, INSTALL CEMENT-BASED BACKER BEHIND AREAS SCHEDULED TO RECEIVE TILE FINISH.

D. ON ALL RESTROOM WALLS AND OTHER AREAS SCHEDULED TO RECEIVE FRP OR TILE FINISH, PROVIDE A MINIMUM OF MOISTURE-RESISTANT GYPSUM BOARD.

E. ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE SHALL BE INSULATED.

F. WHERE GYPSUM BOARD EXTENDS TO UNDERSIDE OF STRUCTURE ABOVE, STOP GYPSUM BOARD 1/2" BELOW LINE OF STRUCTURE AND SEAL AS REQUIRED.

G. REFERENCE FLOOR FINISH PLANS AND WALL FINISH PLANS FOR ADDITIONAL FINISHES NOT INDICATED ON PARTITION TYPES.

H. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF WALL PENETRATIONS. SEAL ALL OPENINGS WITH ACOUSTICAL SEALANT.

I. PROVIDE FIRE-TREATED WOOD OR STEEL BACKING FOR ALL WALL-MOUNTED FINISH CARPENTRY, ARCHITECTURAL WOODWORK, TOILET PARTITIONS, ACCESSORIES AND OTHER SIMILAR ITEMS.

J. REFER TO STRUCTURAL DOCUMENTS FOR SHEAR WALL CRITERIA.

FIRE-RATED PARTITION NOTES:

K. ALL PARTITIONS NOTED TO BE FIRE-RESISTANCE RATED SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE REFERENCED FIRE RESISTANCE TEST. ANY PROPRIETARY PRODUCTS REQUIRED BY FIRE RATED ASSEMBLIES AS INDICATED ON THE DRAWINGS ARE APPROVED.

L. ALTERNATE MATERIALS AND ASSEMBLIES MUST BE APPROVED BY THE ARCHITECT PRIOR TO COMMENCING WORK.

M. FIRE-RATED PARTITIONS SHALL BE CONSTRUCTED BEFORE NON-RATED PARTITIONS.

N. ALL FIRE-RATED PARTITIONS TO EXTEND FROM TOP OF UNFINISHED FLOOR TO UNDERSIDE OF STRUCTURE ABOVE. SEAL TOP, BOTTOM AND ALL PENETRATIONS WITH FIRE-RATED SEALANT.

O. ALL PENETRATIONS IN FIRE-RATED PARTITIONS SHALL BE SEALED WITH MATERIALS, SEALANTS AND/OR ASSEMBLIES WHICH MAINTAIN THE FIRE-RESISTANCE RATING OF THE PARTITION.

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA019453
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

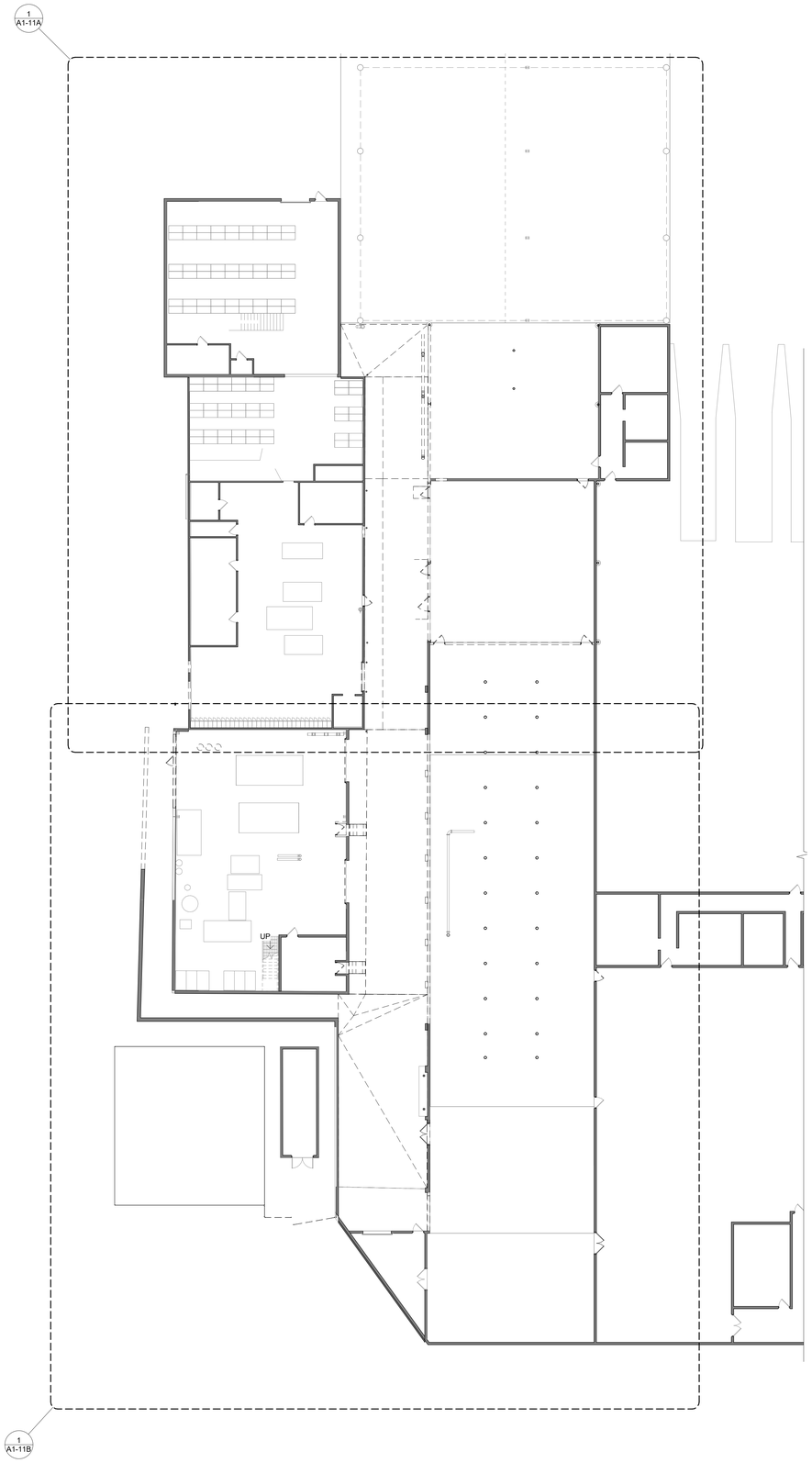
TITLE

WALL TYPES AND NOTES

SHEET

A1-01

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"



1 FIRST FLOOR DEMOLITION PLAN - OVERALL
1/16" = 1'-0"

N

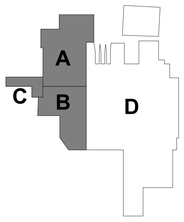
REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:42:44 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. 040160
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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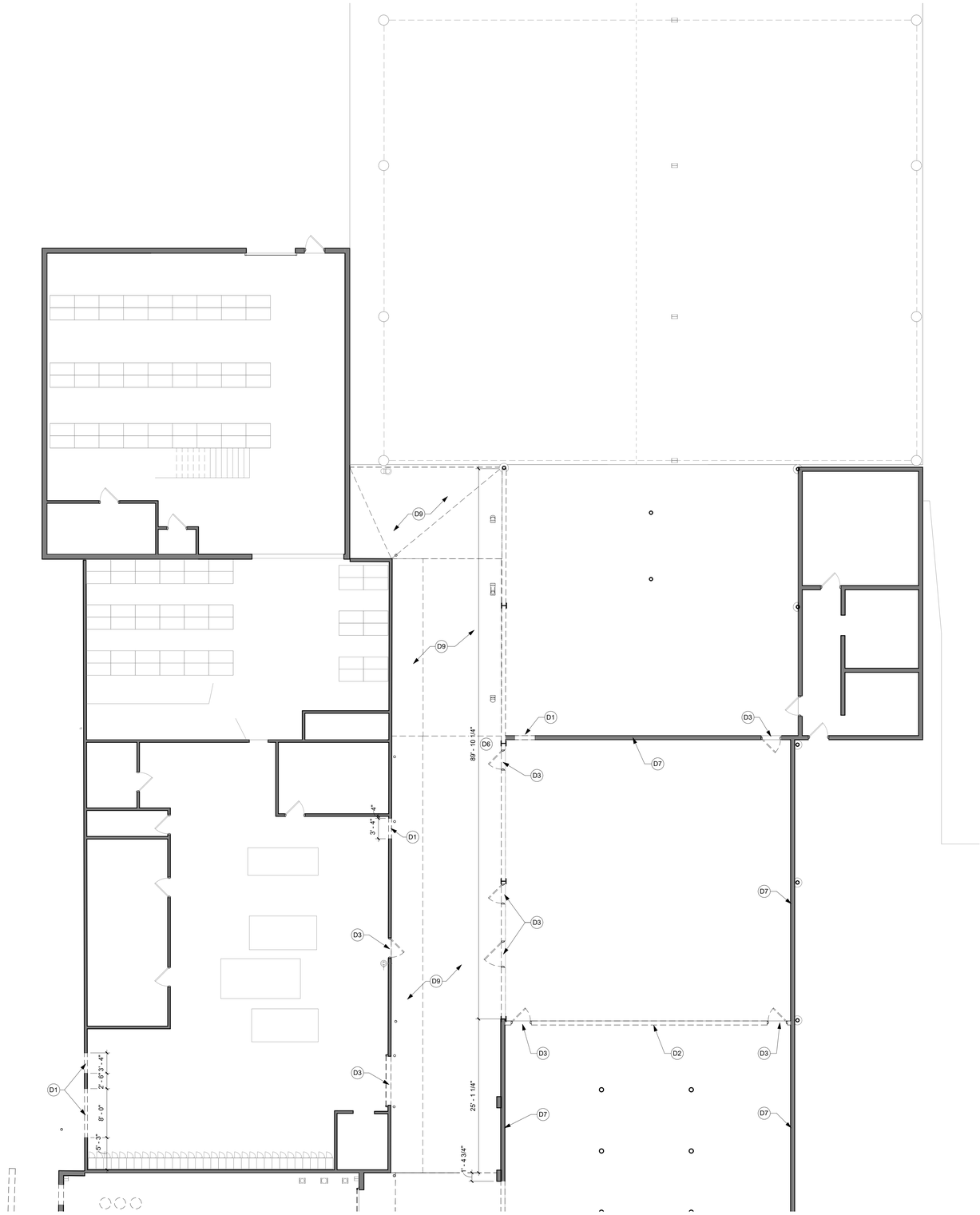
TITLE

FIRST FLOOR DEMOLITION PLAN - OVERALL

SHEET

A1-11



1 FIRST FLOOR DEMOLITION PLAN - AREA A
1/8" = 1'-0"

WALL LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	DEMOLITION

KEYNOTE LEGEND

D1	REMOVE PORTION OF EXISTING WALL.
D2	DEMO/REMOVE EXISTING CMU WALL DOWN TO PIT.
D3	DEMO/REMOVE DOOR IN ITS ENTIRETY.
D6	DEMO/REMOVE CONC. PIERS AND CMU WALL. COORDINATE WITH CONSTRUCTION DRAWINGS.
D7	SANDBLAST AND PRIME INTERIOR FACE(S) OF EXISTING CMU WALLS AS NECESSARY FOR FINISH.
D9	REMOVE EXISTING CONCRETE SLAB.

SHEET NOTES - DEMOLITION

A. EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS TO DETERMINE SCOPE OF DEMOLITION WORK REQUIRED TO COMPLETE THE REMODELING WORK INDICATED ON THE DRAWINGS PRIOR TO PERFORMING WORK. ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER.
B. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
C. DEMOLITION OF ANY EXISTING CONSTRUCTION SHALL INCLUDE WHAT IS NECESSARY AND REQ'D TO ACCOMMODATE THE REQUIREMENTS OF NEW CONSTRUCTION.
D. ALL LOOSE FURNISHINGS (CHAIRS, TABLES, DESKS, ETC.) SHALL BE REMOVED AND RE-INSTALLED BY THE OWNER UNLESS NOTED OTHERWISE.
E. ALL CORING THRU EXISTING FLOORS, WALLS & CEILINGS SHALL BE PERFORMED BY THE CONTRACTOR REQUIRING THE SAME.
F. PATCH, REPAIR, PAINT, ETC. WALLS IN PREPARATION FOR NEW WORK WHERE ITEMS, FIXTURES OR FINISHES HAVE BEEN REMOVED.
G. SURFACES SHALL BE PREPPED WITH THE NEW MATERIALS GUIDELINES OF INSTALLATION OF THEIR PRODUCT IN EXISTING CONDITIONS.
H. ALL ADJACENT SURFACES DAMAGED BY DEMOLITION WORK SHALL BE RESTORED TO EXISTING CONDITION.
I. ALL ROOF PENETRATIONS SHALL BE PERFORMED BY THE TRADE REQUIRING THE SAME. PATCHING & FLASHING ROOF SHALL BE PERFORMED BY THE ROOFING CONTRACTOR.
J. VERIFY WITH OWNER FOR ITEMS TO BE SALVAGED BEFORE STARTING DEMOLITION WORK.
K. COORDINATE DEMOLITION OF LOAD BEARING WALLS & STRUCTURAL ELEMENTS WITH STRUCTURAL PLANS.
L. CONSTRUCT DUST PROOF PARTITIONS TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION.
M. AT OPENINGS IN EXISTING MASONRY WALLS, REMOVE EXISTING WALL TO NEAREST MASONRY JOINT. SEE FLOOR PLAN FOR OPENING SIZES. SAWTOOTH INTO EXISTING JAMB. MATCH ADJACENT FINISHES, UNLESS NOTED OTHERWISE.
N. PATCH & REPAIR FLOOR IN PREPARATION FOR NEW FLOORING WHERE WALLS HAVE BEEN REMOVED.
O. REQUIRED MEANS OF EGRESS FROM THE BUILDING SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION WHEN THE BUILDING REMAINS OCCUPIED. IN THE EVENT THAT AN EXISTING MEANS OF EGRESS CANNOT BE MAINTAINED, THE GENERAL CONTRACTOR SHALL PROVIDE AN APPROVED TEMPORARY MEANS OF EGRESS.
P. MAINTAIN THE INTEGRITY OF ALL EXISTING RATED ELEMENTS, FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY.
Q. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
R. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AHJ. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
S. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH REMOVAL.
T. WHERE EXISTING INTERIOR PARTITIONS ARE REPLACED OR REMOVED, REMOVE MEP SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION, REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEP DRAWINGS.
U. DEMOLISH PLUMBING FIXTURE AND CAP PIPING AS REQ. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
V. ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS OCCURRING: A) REPAIR HOLES, DEFECTS, ETC. IN EXISTING WALLS; B) AT REPAIRS AND UNPAINTED CMU, PROVIDE BLOCK FILLER, PRIMER AND EPOXY FINISH.

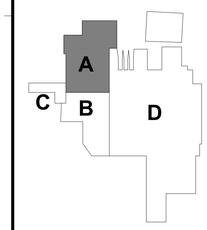
REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

N

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. 041450
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

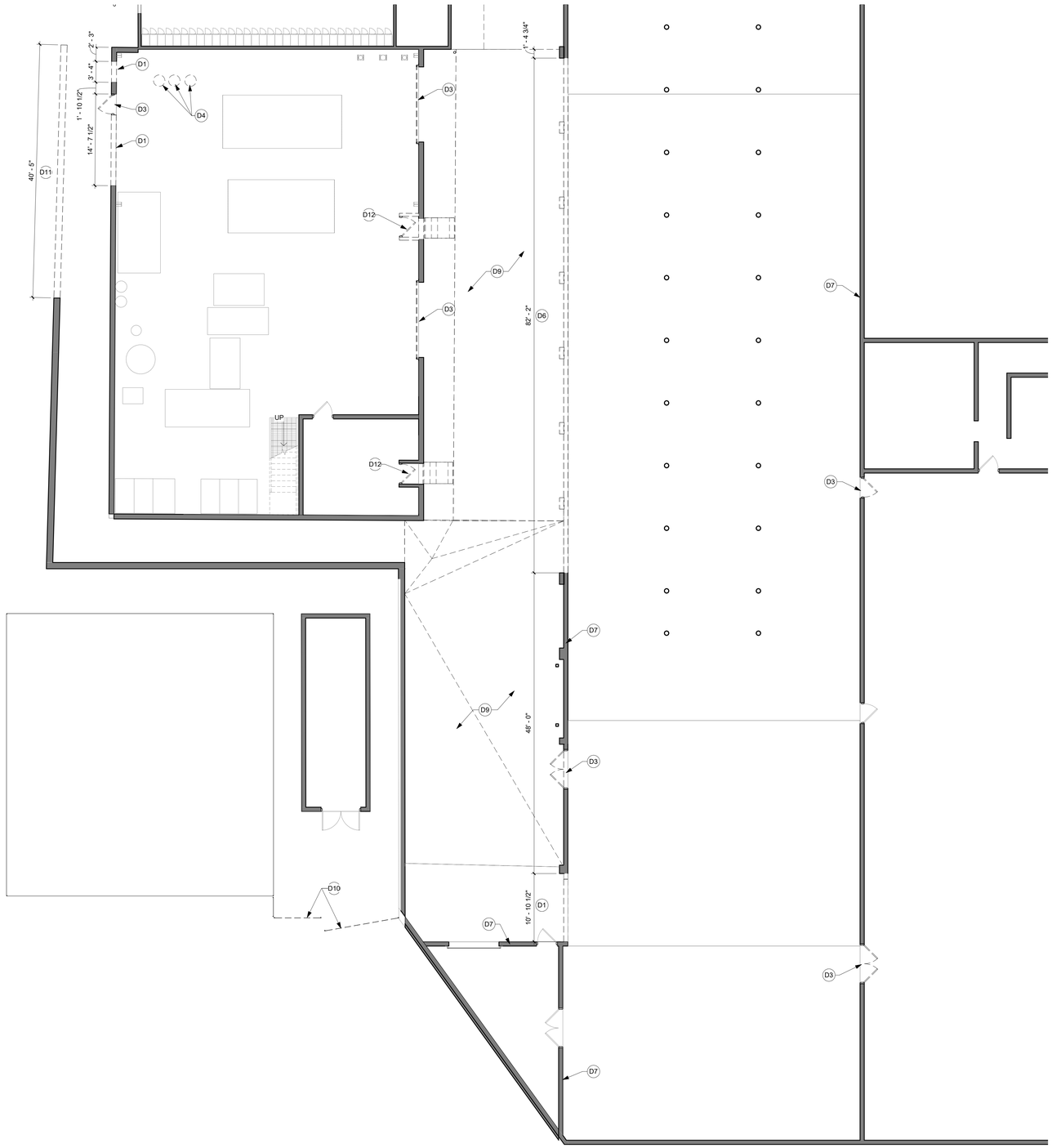
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR DEMOLITION PLAN - AREA A

SHEET

A1-11A



1 FIRST FLOOR DEMOLITION PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

WALL LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	DEMOLITION

KEYNOTE LEGEND

D1	REMOVE PORTION OF EXISTING WALL.
D3	DEMO/REMOVE DOOR IN ITS ENTIRETY.
D4	CONTRACTOR TO COORDINATE RELOCATION OF WATER SOFTENERS FOR CONSTRUCTION.
D6	DEMO/REMOVE CONC. PIERS AND CMU WALL. COORDINATE WITH CONSTRUCTION DRAWINGS.
D7	SANDBLAST AND PRIME INTERIOR FACE(S) OF EXISTING CMU WALLS AS NECESSARY FOR FINISH.
D9	REMOVE EXISTING CONCRETE SLAB.
D10	DEMO/REMOVE PORTION OF MCC FENCE AND ACCESS GATE.
D11	DEMO/REMOVE PORTION OF RETAINING WALL. REFER TO STRUCTURAL DOCUMENTS.
D12	DEMO/REMOVE DOOR, WALLS, AND STAIR IN ITS ENTIRETY.

SHEET NOTES - DEMOLITION

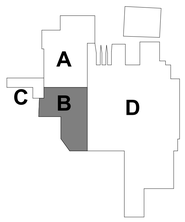
A. EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS TO DETERMINE SCOPE OF DEMOLITION WORK REQUIRED TO COMPLETE THE REMODELING WORK INDICATED ON THE DRAWINGS PRIOR TO PERFORMING WORK. ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER.
B. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
C. DEMOLITION OF ANY EXISTING CONSTRUCTION SHALL INCLUDE WHAT IS NECESSARY AND REQ'D TO ACCOMMODATE THE REQUIREMENTS OF NEW CONSTRUCTION.
D. ALL LOOSE FURNISHINGS (CHAIRS, TABLES, DESKS, ETC.) SHALL BE REMOVED AND RE-INSTALLED BY THE OWNER UNLESS NOTED OTHERWISE.
E. ALL CORING THRU EXISTING FLOORS, WALLS & CEILINGS SHALL BE PERFORMED BY THE CONTRACTOR REQUIRING THE SAME.
F. PATCH, REPAIR, PAINT, ETC. WALLS IN PREPARATION FOR NEW WORK WHERE ITEMS, FIXTURES OR FINISHES HAVE BEEN REMOVED.
G. SURFACES SHALL BE PREPPED WITH THE NEW MATERIALS GUIDELINES OF INSTALLATION OF THEIR PRODUCT IN EXISTING CONDITIONS.
H. ALL ADJACENT SURFACES DAMAGED BY DEMOLITION WORK SHALL BE RESTORED TO EXISTING CONDITION.
I. ALL ROOF PENETRATIONS SHALL BE PERFORMED BY THE TRADE REQUIRING THE SAME. PATCHING & FLASHING ROOF SHALL BE PERFORMED BY THE ROOFING CONTRACTOR.
J. VERIFY WITH OWNER FOR ITEMS TO BE SALVAGED BEFORE STARTING DEMOLITION WORK.
K. COORDINATE DEMOLITION OF LOAD BEARING WALLS & STRUCTURAL ELEMENTS WITH STRUCTURAL PLANS.
L. CONSTRUCT DUST PROOF PARTITIONS TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION.
M. AT OPENINGS IN EXISTING MASONRY WALLS, REMOVE EXISTING WALL TO NEAREST MASONRY JOINT. SEE FLOOR PLAN FOR OPENING SIZES. SAWTOOTH INTO EXISTING JAMB. MATCH ADJACENT FINISHES, UNLESS NOTED OTHERWISE.
N. PATCH & REPAIR FLOOR IN PREPARATION FOR NEW FLOORING WHERE WALLS HAVE BEEN REMOVED.
O. REQUIRED MEANS OF EGRESS FROM THE BUILDING SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION WHEN THE BUILDING REMAINS OCCUPIED. IN THE EVENT THAT AN EXISTING MEANS OF EGRESS CANNOT BE MAINTAINED, THE GENERAL CONTRACTOR SHALL PROVIDE AN APPROVED TEMPORARY MEANS OF EGRESS.
P. MAINTAIN THE INTEGRITY OF ALL EXISTING RATED ELEMENTS, FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY.
Q. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
R. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AHJ. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
S. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH REMOVAL.
T. WHERE EXISTING INTERIOR PARTITIONS ARE REPLACED OR REMOVED, REMOVE MEP SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION, REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEP DRAWINGS
U. DEMOLISH PLUMBING FIXTURE AND CAP PIPING AS REQ. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
V. ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS OCCURRING: A) REPAIR HOLES, DEFECTS, ETC. IN EXISTING WALLS; B) AT REPAIRS AND UNPAINTED CMU, PROVIDE BLOCK FILLER, PRIMER AND EPOXY FINISH.

N

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA018251
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

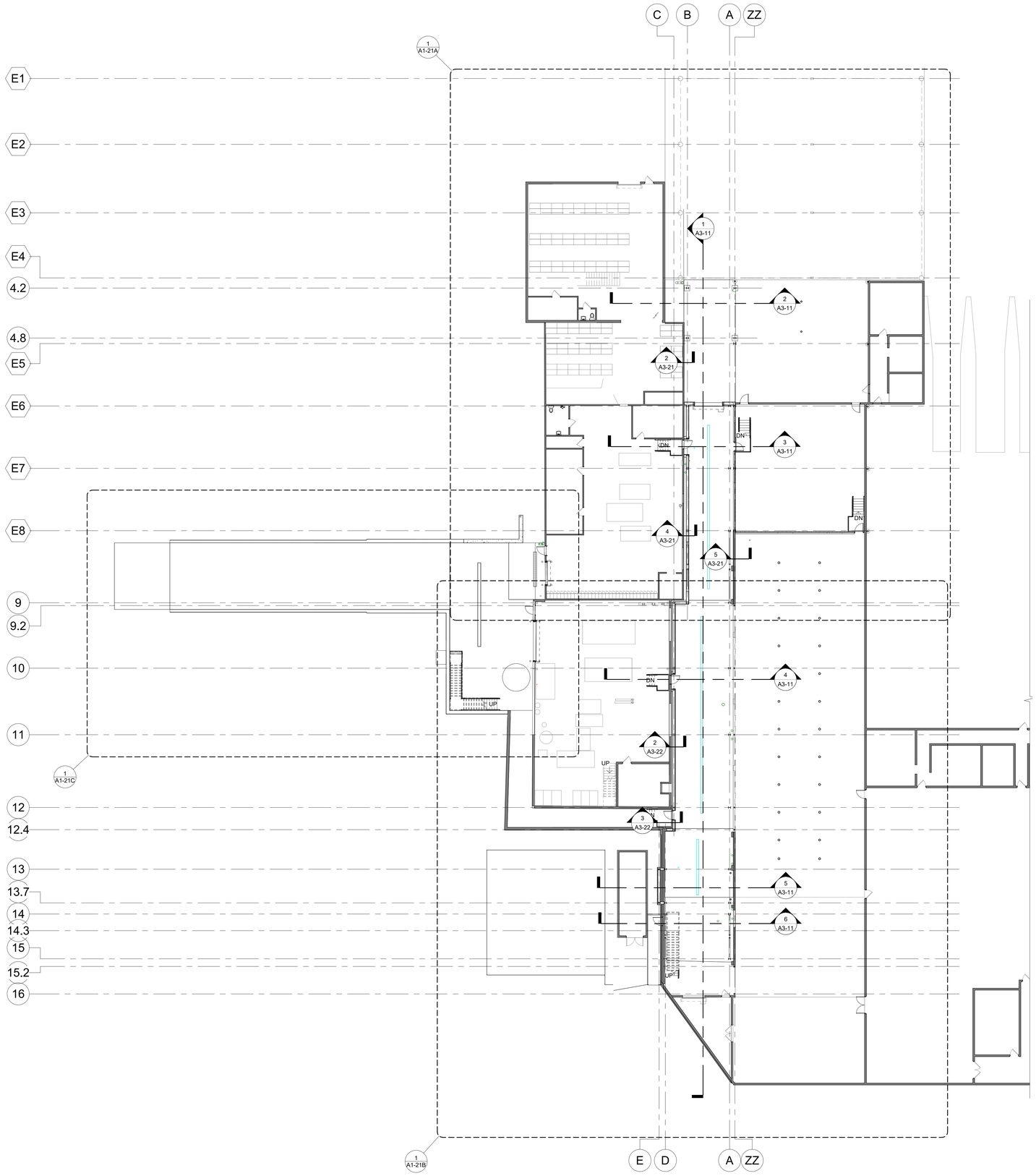
TITLE

FIRST FLOOR DEMOLITION PLAN - AREA B

SHEET

A1-11B

1/31/2023 3:42:48 PM



1 FIRST FLOOR PLAN - OVERALL
1/16" = 1'-0"

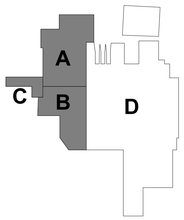
REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:42:51 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA014570
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

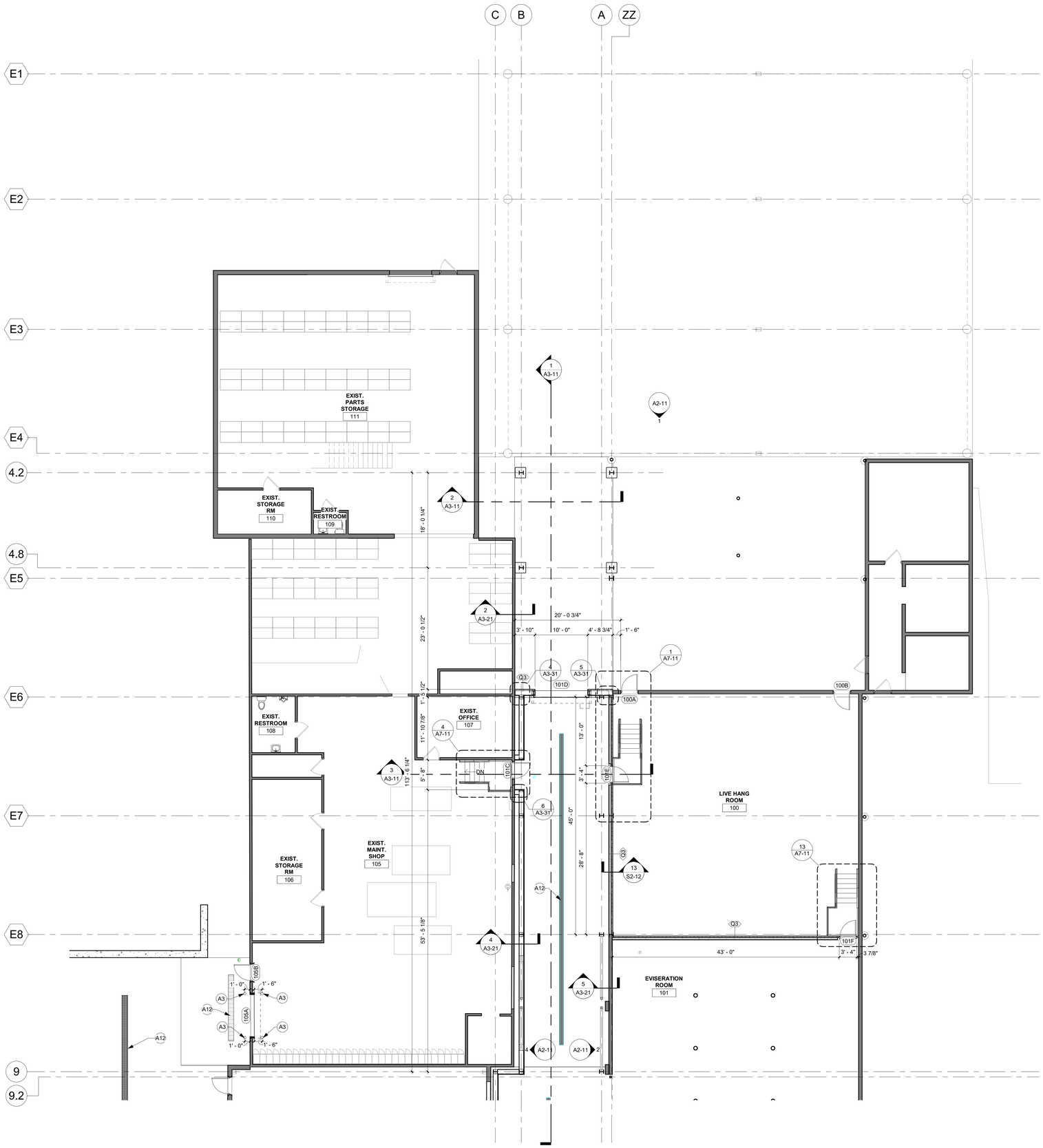
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR PLAN - OVERALL

SHEET

A1-21



1 FIRST FLOOR PLAN - AREA A
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
2"
1'
0 1/4" 1'-1/2"

1/31/2023 3:42:54 PM

WALL LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION

KEYNOTE LEGEND

A3	6" DIA CONCRETE FILLED PIPE BOLLARD, 3'-0" HIGH.
A12	TRENCH DRAIN. REFER TO STRUCTURAL AND MECHANICAL DOCUMENTS.

SHEET NOTES - PLAN

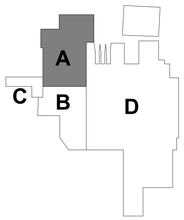
- PITCH ALL CONCRETE STOOPS 1/4" PER FOOT AWAY FROM BUILDING.
- DIMENSIONS ARE FROM FACE OF MASONRY/ CONCRETE AND CENTER OF ASSEMBLY FOR STUD WALL, UNLESS NOTED OTHERWISE.
- HOUSEKEEPING AND EQUIPMENT PADS BY GENERAL CONTRACTOR. SEE FIRE PROTECTION, PLUMBING, HVAC & ELECTRICAL PLANS FOR LOCATIONS.
- SEE STRUCTURAL PLANS FOR MASONRY WALL BRACING DETAILS.
- PROVIDE LINTELS AS SHOWN IN STRUCTURAL DRAWINGS ON NON-LOAD BEARING WALL LINTEL SCHEDULE AT ALL NON-BEARING WALL OPENINGS, INCLUDING DUCT OPENINGS.
- ALL PIPING, CONDUITS AND RELATED MECHANICAL AND ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN GYPSUM BOARD FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNLESS NOTED OTHERWISE.
- PAINT ALL EXPOSED METALS INCLUDING, BUT NOT LIMITED TO COLUMNS, RISERS, STRINGERS, HANDRAILS, GUARDRAILS, EXPOSED LINTELS AND FLOOR EDGES, UNLESS NOTED OTHERWISE.
- WHERE EXISTING ITEM IS REMOVED AND NEW ITEM IS SMALLER AND INSTALLED IN THE SAME LOCATION, CLEAN AND REPAIR THE SIGHT-EXPOSED SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHED TEXTURE, PATTERN, AND COLOR OF THE ADJACENT SURFACES TO REMAIN.

N

ISG

STATE OF GEORGIA
Rankd F Selinsky
CERTIFICATE NO. RA018903
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

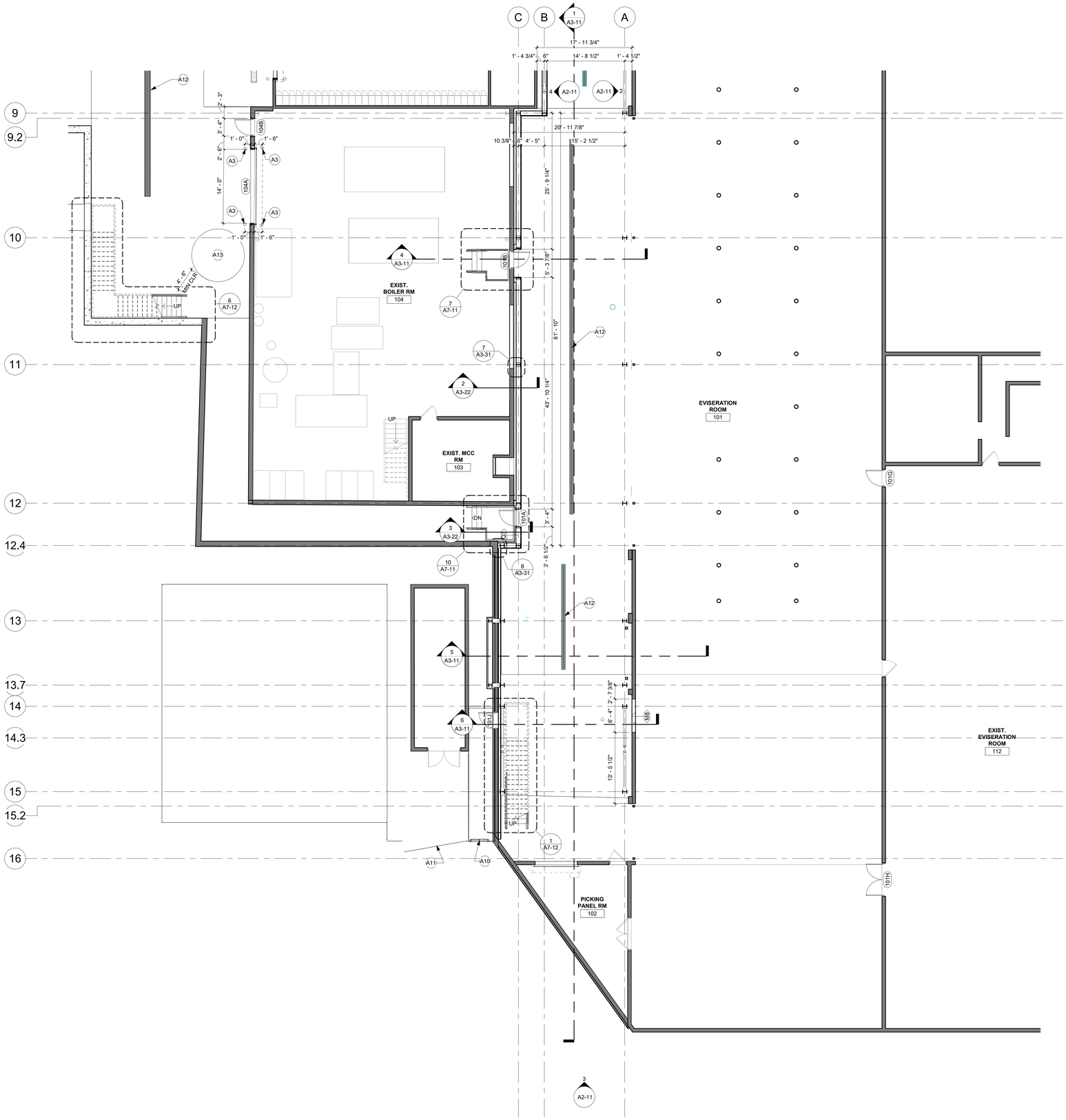
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR PLAN - AREA A

SHEET

A1-21A



1 FIRST FLOOR PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

WALL LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION

KEYNOTE LEGEND

A3	6" DIA CONCRETE FILLED PIPE BOLLARD, 3'-0" HIGH.
A10	TURNLOCK SIDE GATE. REFER TO DOOR 101K ON DOOR SCHEDULE.
A11	EQUIPMENT GATE BY OTHERS.
A12	TRENCH DRAIN. REFER TO STRUCTURAL AND MECHANICAL DOCUMENTS.
A13	TANK BY OTHERS.

SHEET NOTES - PLAN

- PITCH ALL CONCRETE STOOPS 1/4" PER FOOT AWAY FROM BUILDING.
- DIMENSIONS ARE FROM FACE OF MASONRY/ CONCRETE AND CENTER OF ASSEMBLY FOR STUD WALL, UNLESS NOTED OTHERWISE.
- HOUSEKEEPING AND EQUIPMENT PADS BY GENERAL CONTRACTOR. SEE FIRE PROTECTION, PLUMBING, HVAC & ELECTRICAL PLANS FOR LOCATIONS.
- SEE STRUCTURAL PLANS FOR MASONRY WALL BRACING DETAILS.
- PROVIDE LINTELS AS SHOWN IN STRUCTURAL DRAWINGS ON NON-LOAD BEARING WALL LINTEL SCHEDULE AT ALL NON-BEARING WALL OPENINGS, INCLUDING DUCT OPENINGS.
- ALL PIPING, CONDUITS AND RELATED MECHANICAL AND ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN GYPSUM BOARD FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNLESS NOTED OTHERWISE.
- PAINT ALL EXPOSED METALS INCLUDING, BUT NOT LIMITED TO COLUMNS, RISERS, STRINGERS, HANDRAILS, GUARDRAILS, EXPOSED LINTELS AND FLOOR EDGES, UNLESS NOTED OTHERWISE.
- WHERE EXISTING ITEM IS REMOVED AND NEW ITEM IS SMALLER AND INSTALLED IN THE SAME LOCATION, CLEAN AND REPAIR THE SIGHT-EXPOSED SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHED TEXTURE, PATTERN, AND COLOR OF THE ADJACENT SURFACES TO REMAIN.

N

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA014830
LICENSED ARCHITECT

01/31/2023

KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR PLAN - AREA B

SHEET

A1-21B

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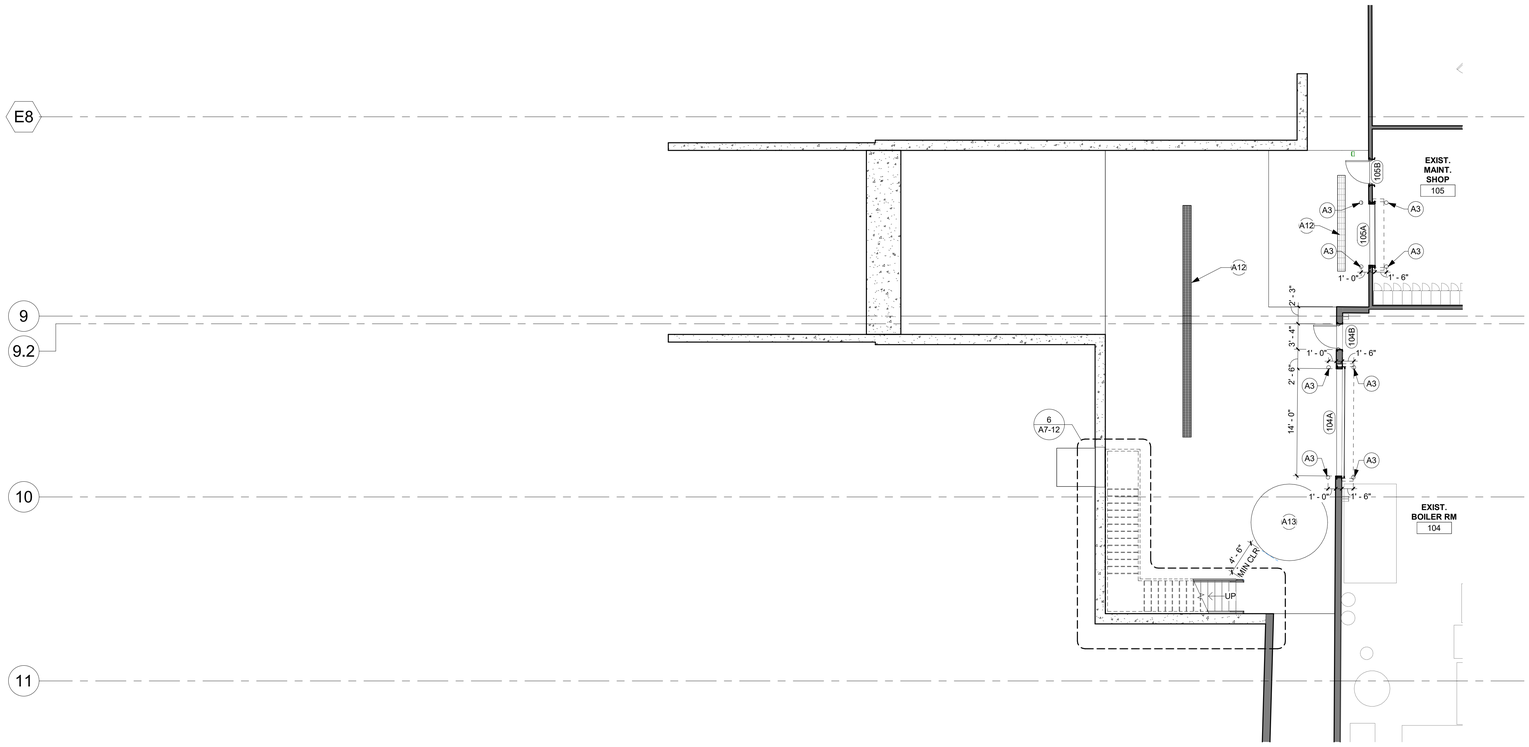


1 FIRST FLOOR PLAN - AREA C
1/8" = 1'-0"

WALL LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION

KEYNOTE LEGEND

A3	6" DIA CONCRETE FILLED PIPE BOLLARD, 3'-0" HIGH.
A12	TRENCH DRAIN. REFER TO STRUCTURAL AND MECHANICAL DOCUMENTS.
A13	TANK BY OTHERS.

SHEET NOTES - PLAN

- PITCH ALL CONCRETE STOOPS 1/4" PER FOOT AWAY FROM BUILDING.
- DIMENSIONS ARE FROM FACE OF MASONRY/ CONCRETE AND CENTER OF ASSEMBLY FOR STUD WALL, UNLESS NOTED OTHERWISE.
- HOUSEKEEPING AND EQUIPMENT PADS BY GENERAL CONTRACTOR. SEE FIRE PROTECTION, PLUMBING, HVAC & ELECTRICAL PLANS FOR LOCATIONS.
- SEE STRUCTURAL PLANS FOR MASONRY WALL BRACING DETAILS.
- PROVIDE LINTELS AS SHOWN IN STRUCTURAL DRAWINGS ON NON-LOAD BEARING WALL LINTEL SCHEDULE AT ALL NON-BEARING WALL OPENINGS, INCLUDING DUCT OPENINGS.
- ALL PIPING, CONDUITS AND RELATED MECHANICAL AND ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN GYPSUM BOARD FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, UNLESS NOTED OTHERWISE.
- PAINT ALL EXPOSED METALS INCLUDING, BUT NOT LIMITED TO COLUMNS, RISERS, STRINGERS, HANDRAILS, GUARDRAILS, EXPOSED LINTELS AND FLOOR EDGES, UNLESS NOTED OTHERWISE.
- WHERE EXISTING ITEM IS REMOVED AND NEW ITEM IS SMALLER AND INSTALLED IN THE SAME LOCATION, CLEAN AND REPAIR THE SIGHT-EXPOSED SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHED TEXTURE, PATTERN, AND COLOR OF THE ADJACENT SURFACES TO REMAIN.

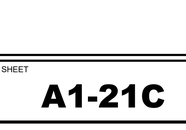
REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:00 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA021803
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

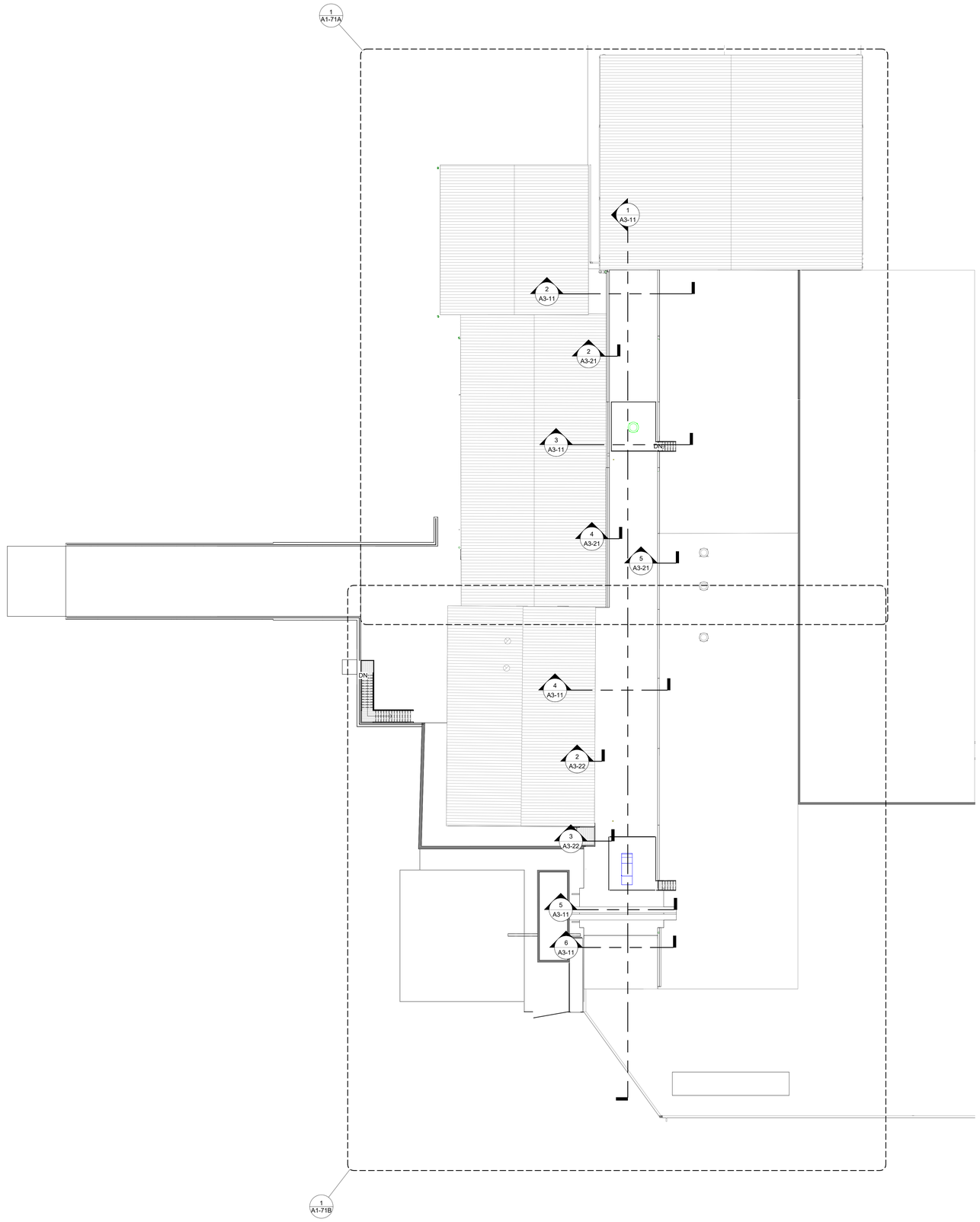
TITLE

FIRST FLOOR PLAN - AREA C

N

SHEET

A1-21C



1 ROOF PLAN - OVERALL
1/16" = 1'-0"

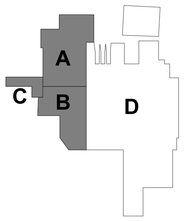
REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:03 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA031603
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

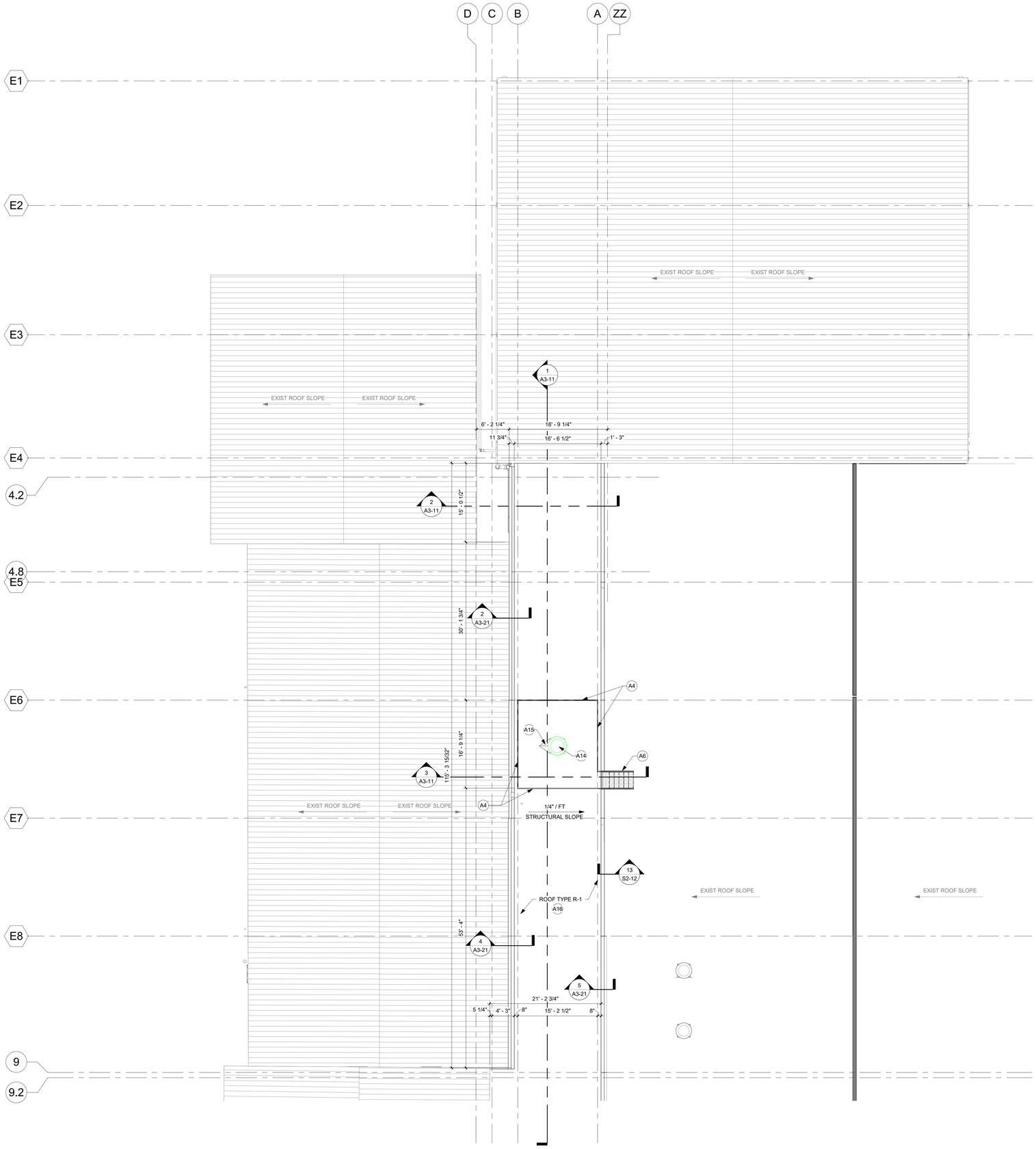
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

ROOF PLAN - OVERALL

SHEET

A1-71



1 ROOF PLAN - AREA A
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'-0"
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:05 PM

WALL LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION

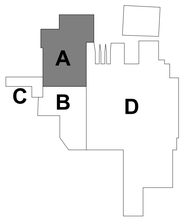
KEYNOTE LEGEND

A4	42" HIGH FREE STANDING GUARDRAIL AROUND EXHAUST FAN. LEAVE GAP IN RAIL FOR ROOF ACCESS.
A6	ROOF ACCESS STAIR. BY OTHERS.
A14	ROOF EQUIPMENT. REFER TO MECHANICAL DOCUMENTS.
A15	SADDLE AT CURB. REFER TO ROOF DETAILS.
A16	REFER TO ROOF ASSEMBLY ON ROOF DETAIL SHEET.

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. 040149
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
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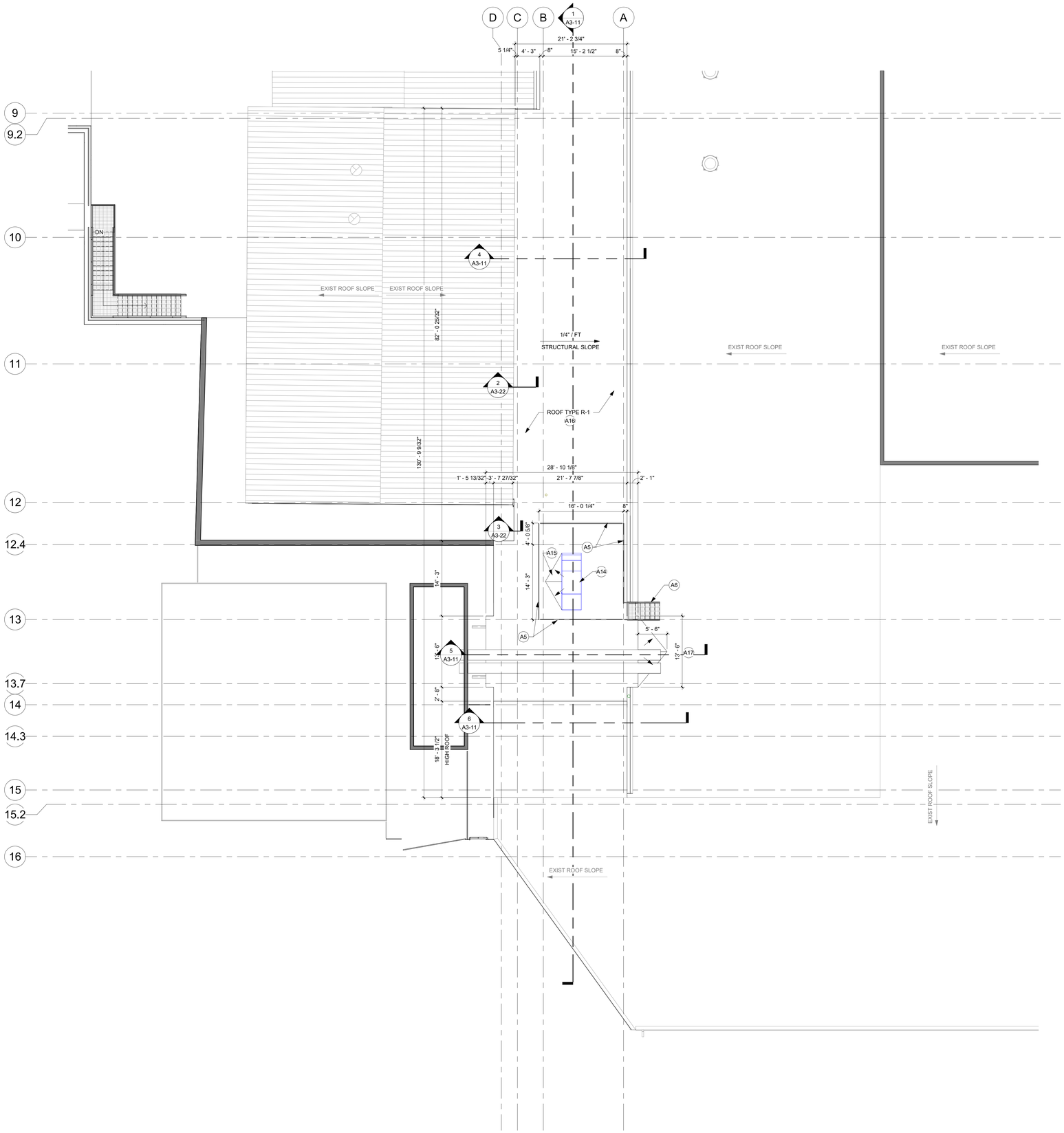
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

ROOF PLAN - AREA A

SHEET

A1-71A



1 ROOF PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:08 PM

WALL LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION

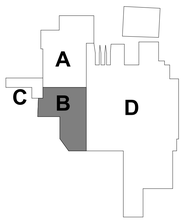
KEYNOTE LEGEND

A5	FREE STANDING GUARDRAIL AROUND NEW ROOF TOP UNIT. LEAVE GAP IN RAIL FOR ROOF ACCESS.
A6	ROOF ACCESS STAIR. BY OTHERS.
A14	ROOF EQUIPMENT. REFER TO MECHANICAL DOCUMENTS.
A15	SADDLE AT CURB. REFER TO ROOF DETAILS.
A16	REFER TO ROOF ASSEMBLY ON ROOF DETAIL SHEET.
A17	BUILT-UP TAPERED CRICKET @ 1/2"/FT MIN.

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. 035148
LICENSED ARCHITECT

01/31/2023



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

ROOF PLAN - AREA B

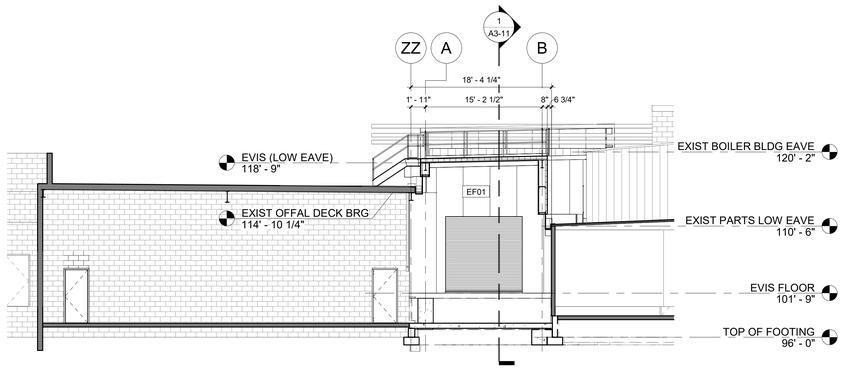
N

SHEET

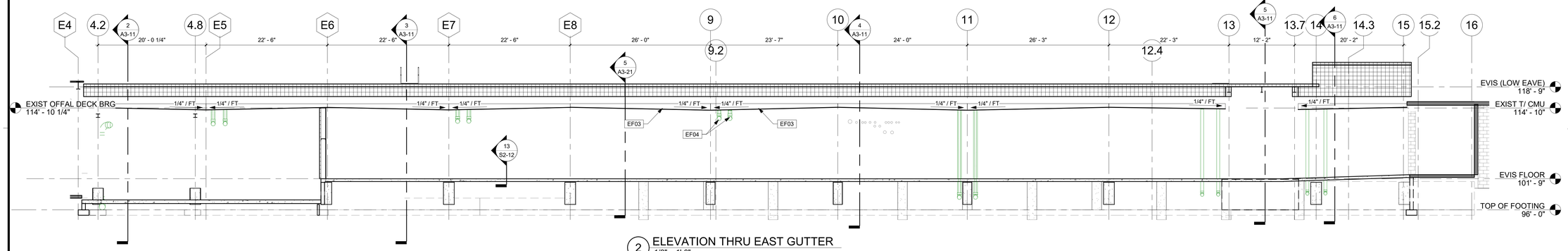
A1-71B

EXTERIOR FINISH SCHEDULE

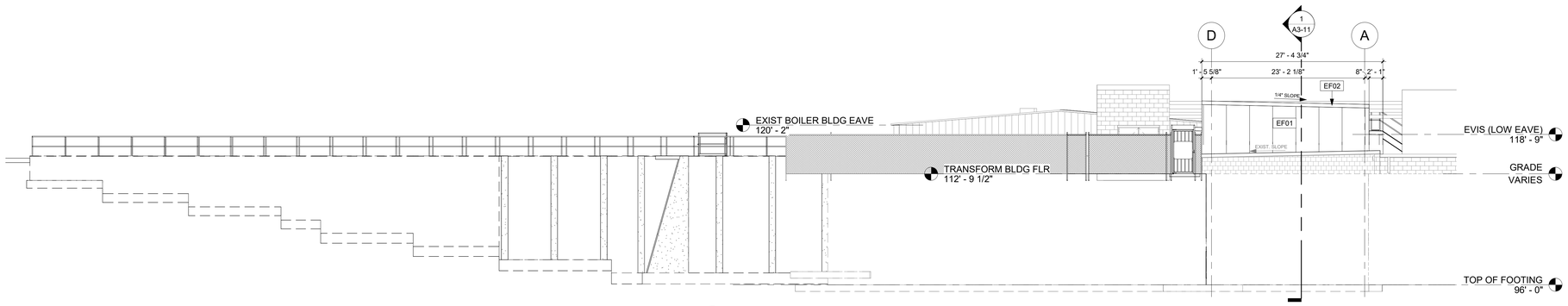
MARK	MATERIAL TYPE	MANUFACTURER	MODEL / SIZE	COLOR	COMMENTS
EF01	3" INSULATED METAL PANEL	METAL SPAN	CF LIGHT MESA	WHITE	
EF02	METAL FASCIA	PER FIBERTITE ROOF SPEC	5"X3"	WHITE	
EF03	SS METAL GUTTER PAN		8"D MIN (HIGH END) 14"D MIN (LOW END)		REFER TO ROOF DETAILS
EF03A	SS METAL GUTTER PAN		6"D MIN (HIGH END) 12"D MIN (LOW END)		REFER TO ROOF DETAILS
EF04	SS DOWNSPOUT		6" DIA (ROUND)		



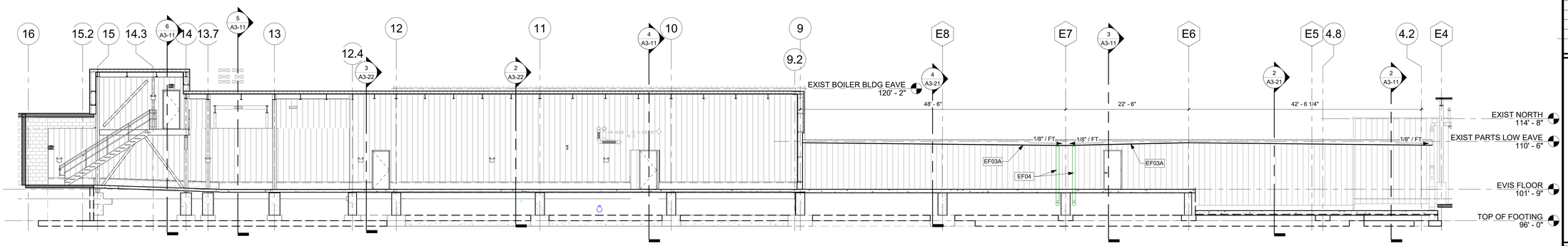
1 NORTH ELEVATION
1/8" = 1'-0"



2 ELEVATION THRU EAST GUTTER
1/8" = 1'-0"



3 SOUTH ELEVATION
1/8" = 1'-0"



4 ELEVATION THRU WEST GUTTER
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:14 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA014357
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

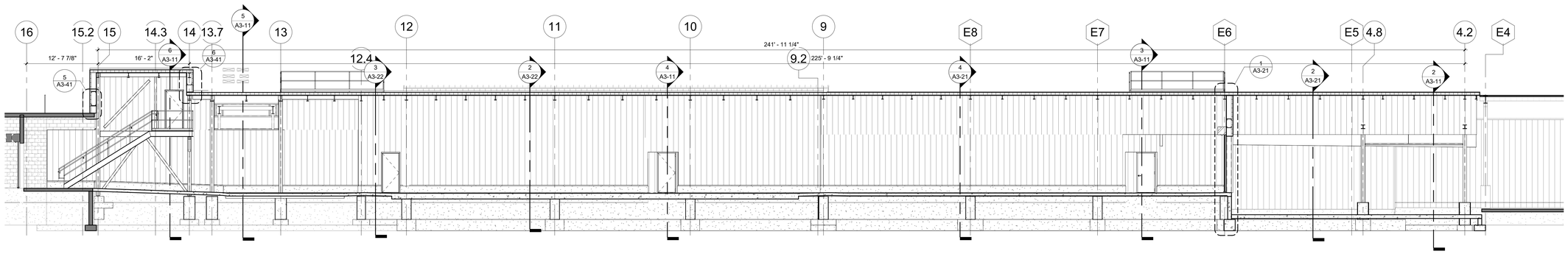
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

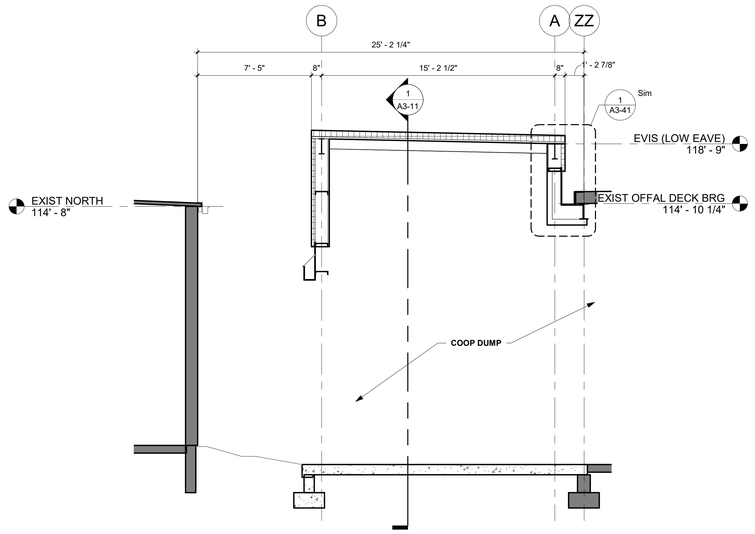
EXTERIOR ELEVATIONS

SHEET

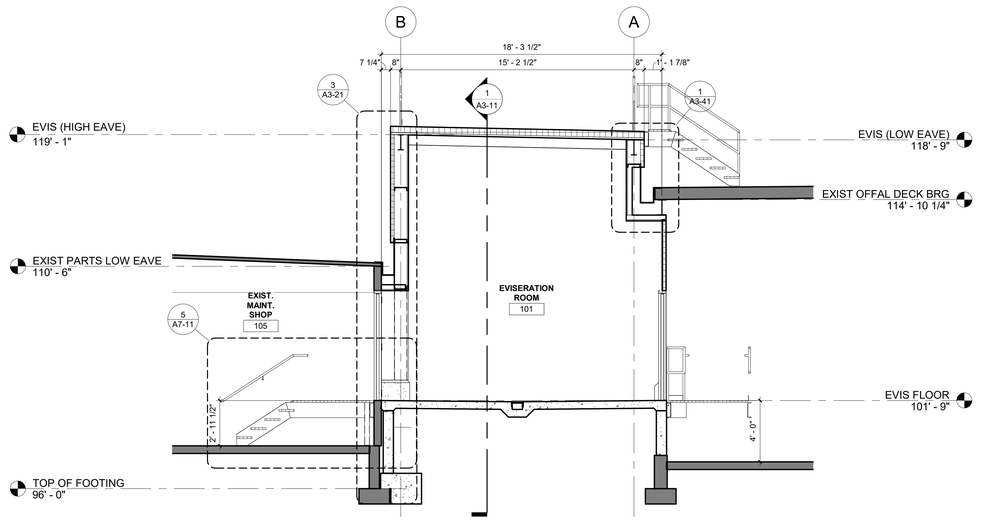
A2-11



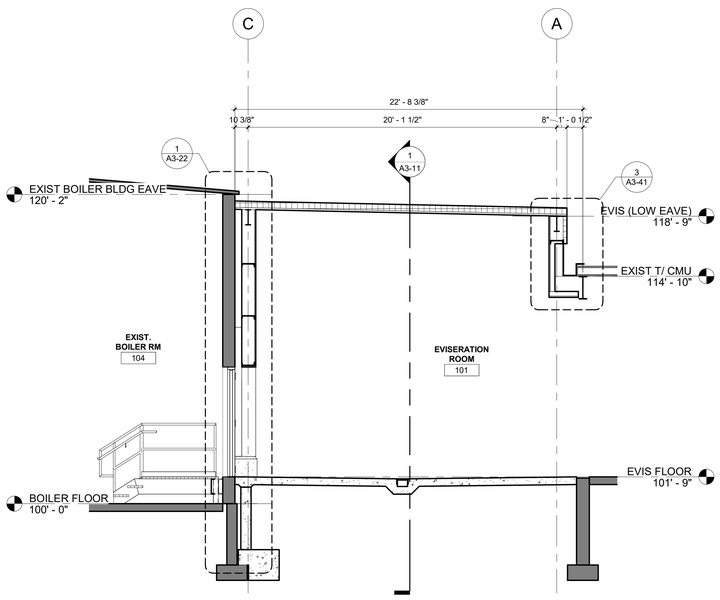
1 BUILDING SECTION LOOKING WEST
1/8" = 1'-0"



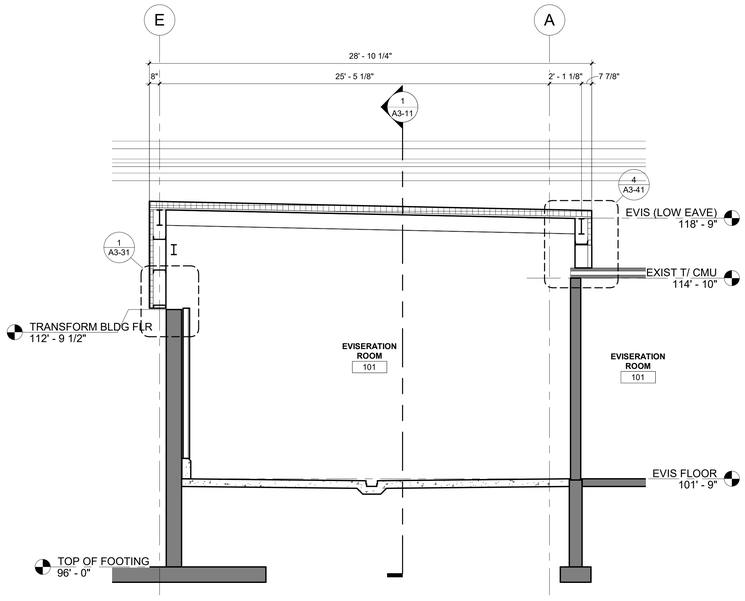
2 BUILDING SECTION @ LOADING DOCK
1/4" = 1'-0"



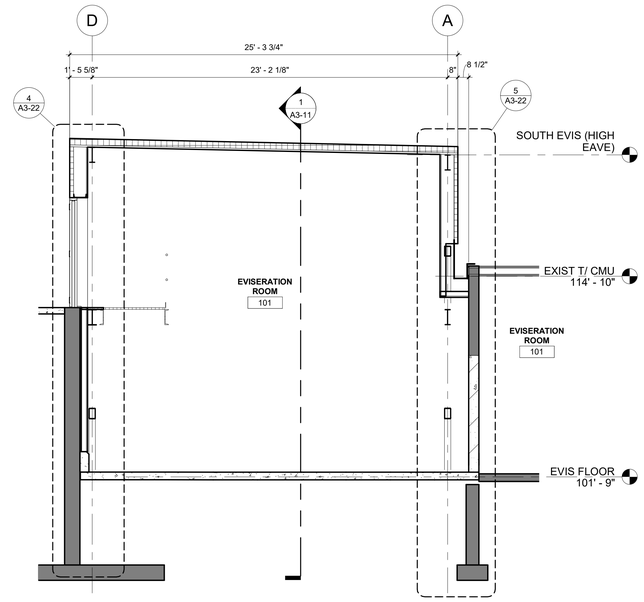
3 BUILDING SECTION @ NORTH EVIS LINE
1/4" = 1'-0"



4 BUILDING SECTION @ BOILER ROOM
1/4" = 1'-0"



5 BUILDING SECTION @ PIPE BRIDGE
1/4" = 1'-0"



6 BUILDING SECTION @ SOUTH EVIS LINE
1/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:18 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA015870
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

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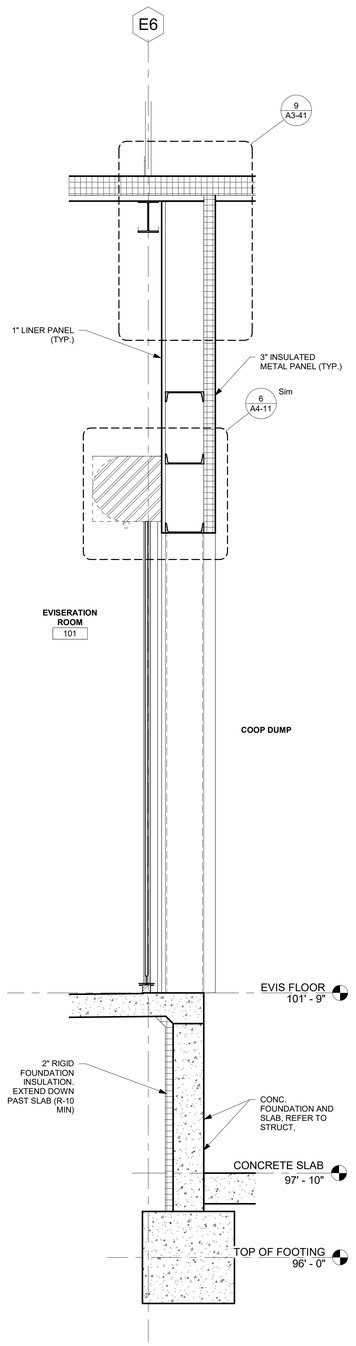
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

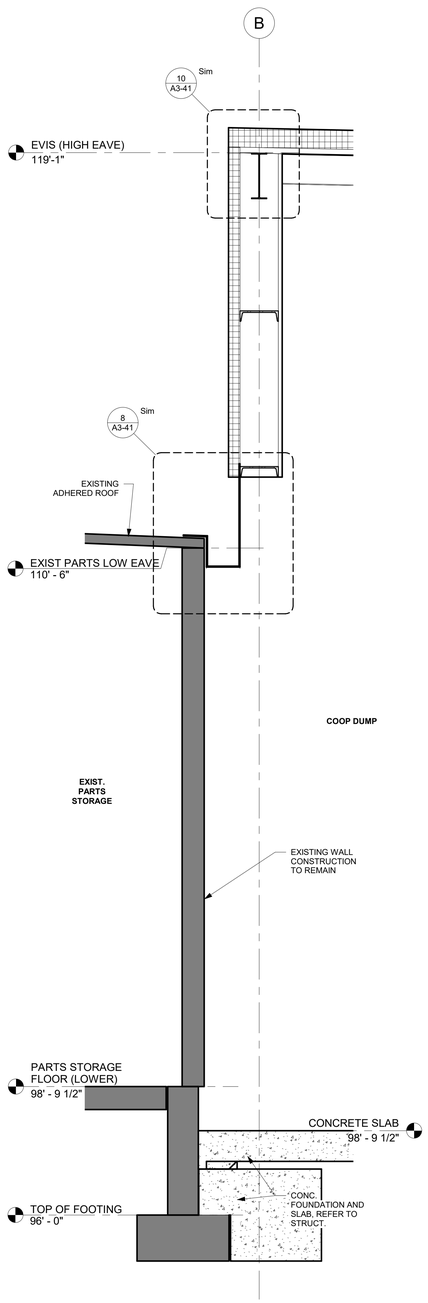
BUILDING SECTIONS

SHEET

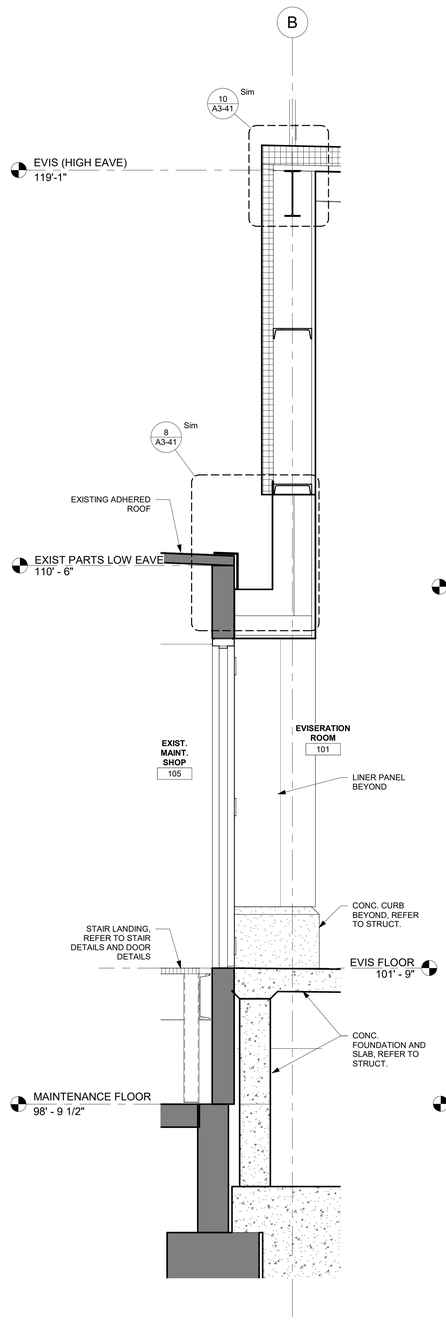
A3-11



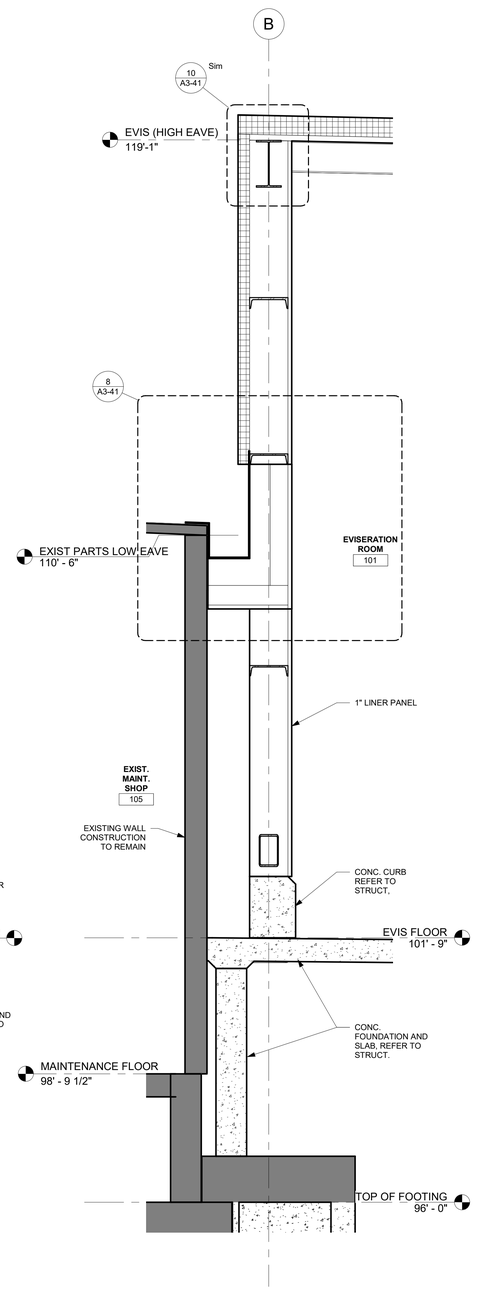
1 SECTION @ NORTH EVISERATION
3/4" = 1'-0"



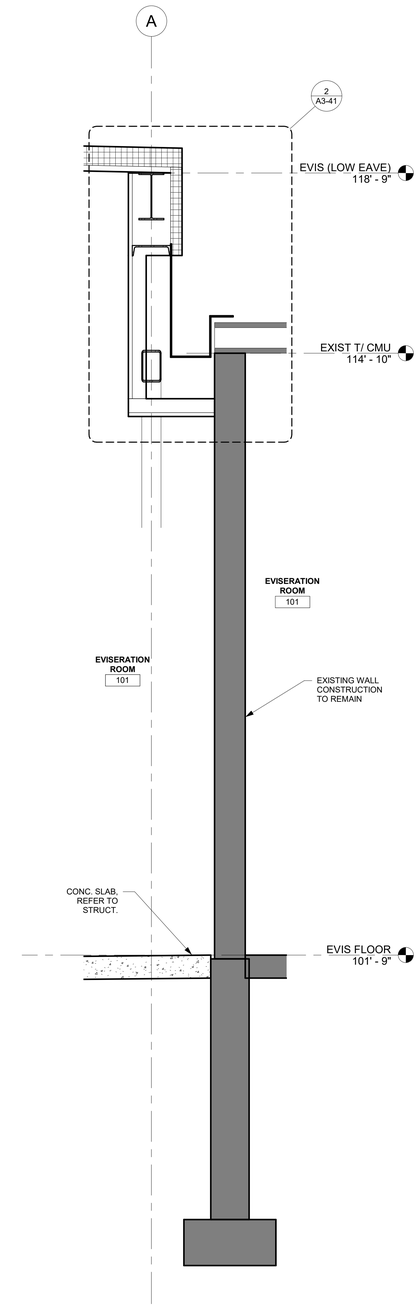
2 SECTION @ PARTS STORAGE
3/4" = 1'-0"



3 SECTION @ MAINTENANCE STAIR
3/4" = 1'-0"



4 SECTION @ MAINTENANCE (TYPICAL)
3/4" = 1'-0"



5 SECTION @ EAST CONCRETE WALL/ROOF
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2'

1/31/2023 3:43:21 PM

ISG

STATE OF GEORGIA
David F Selinsky
CERTIFICATE NO. 027185
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

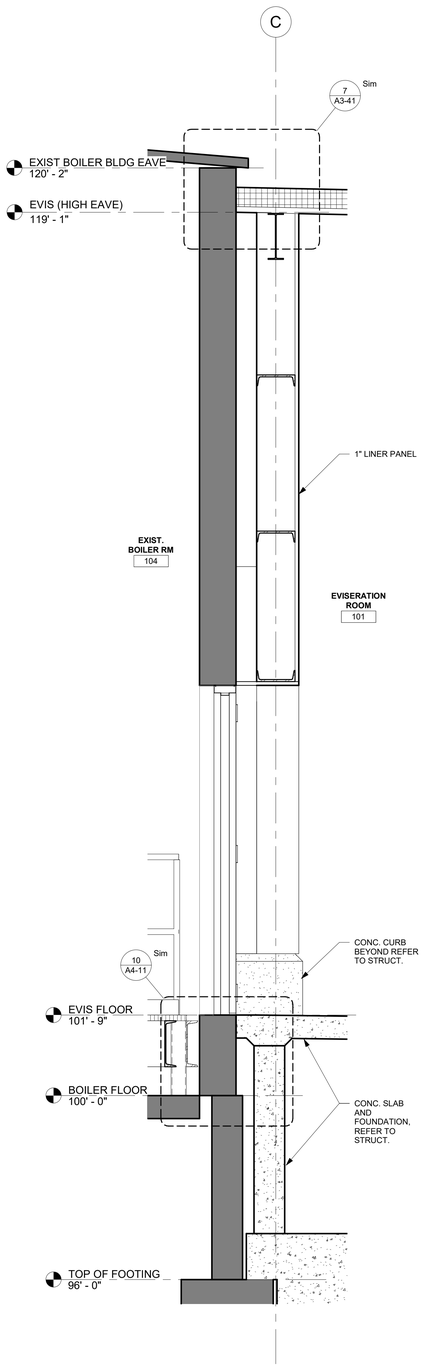
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

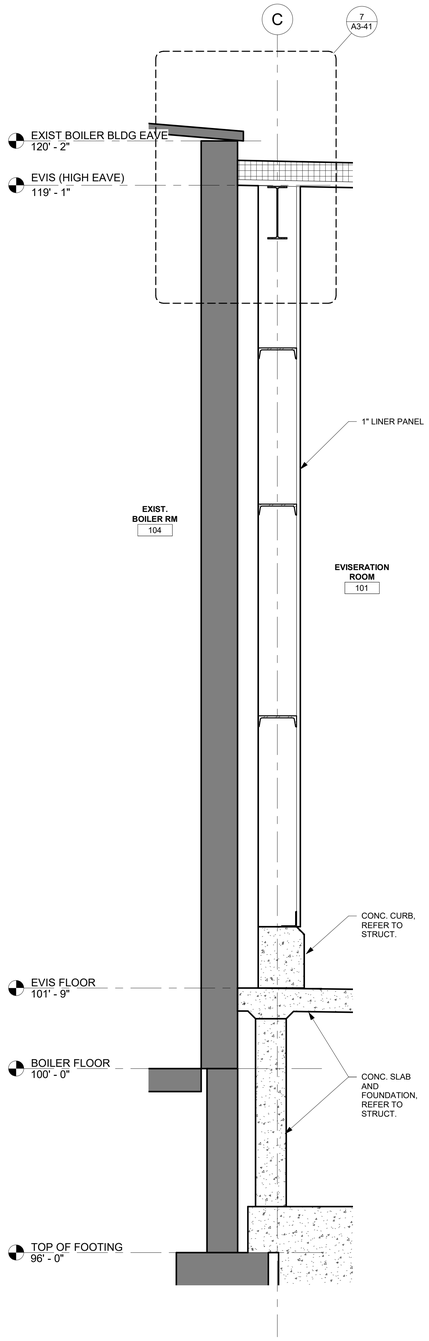
WALL SECTIONS

SHEET

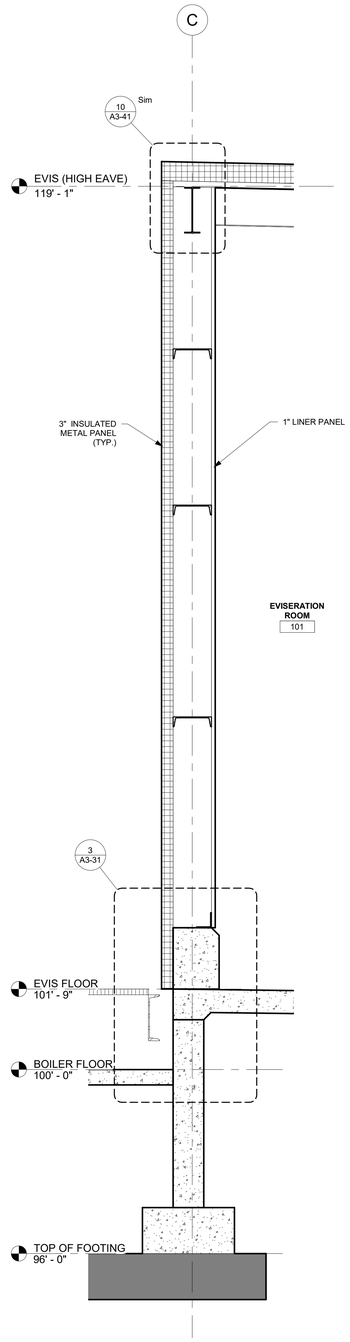
A3-21



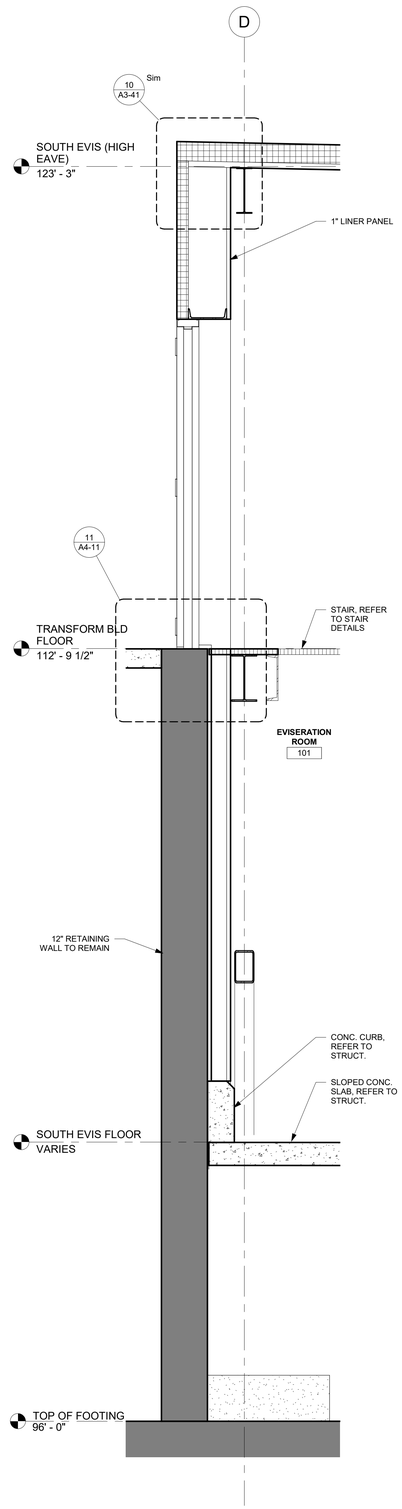
1 SECTION @ BOILER STAIR
3/4" = 1'-0"



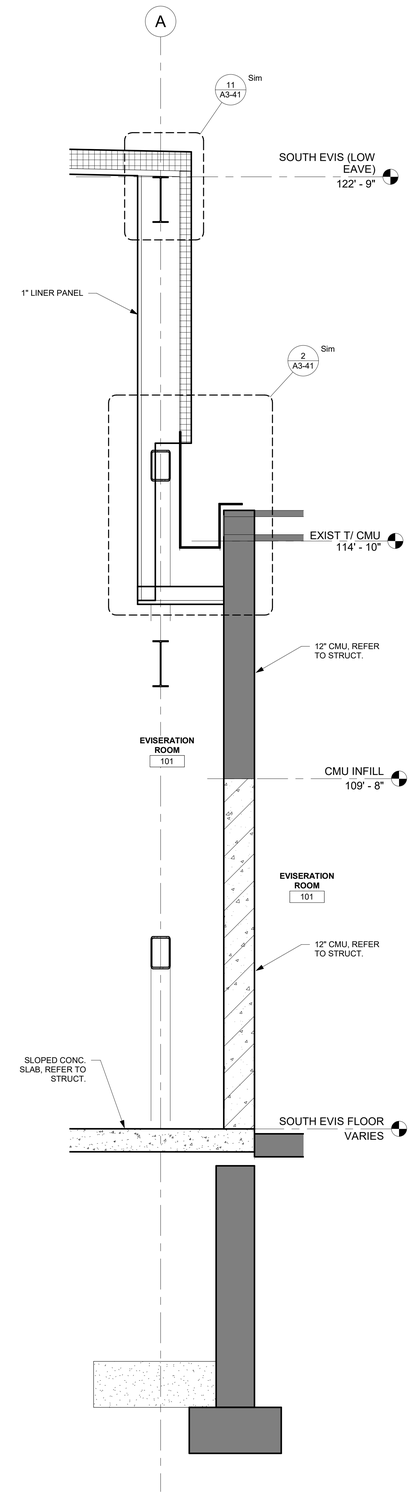
2 SECTION @ BOILER (TYPICAL)
3/4" = 1'-0"



3 SECTION @ RAMP ACCESS
3/4" = 1'-0"



4 SECTION @ RETAINING WALL
3/4" = 1'-0"



5 SECTION @ EAST EVISERATION
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'

0 1/4" 1/2" 1" 2"

1/31/2023 3:43:24 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. 030148
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

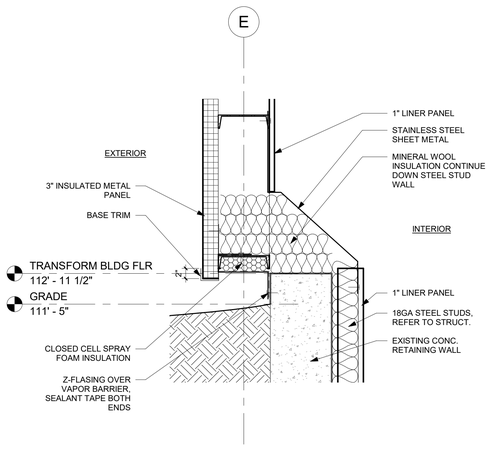
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

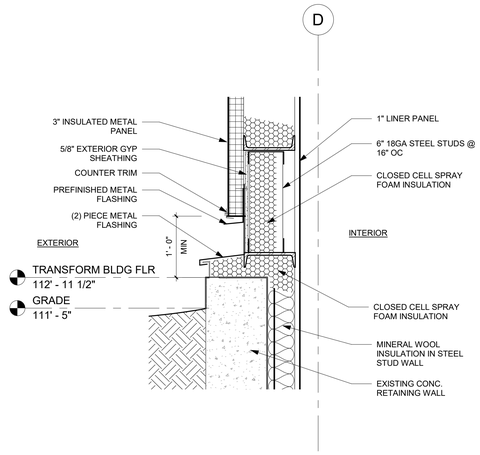
WALL SECTIONS

SHEET

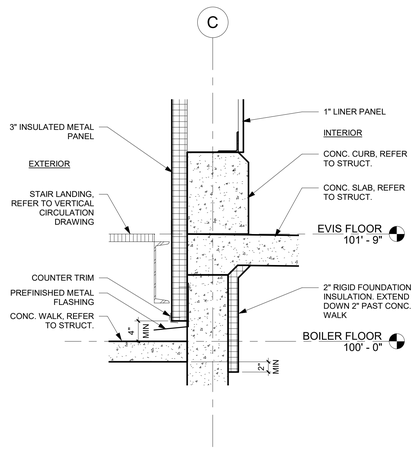
A3-22



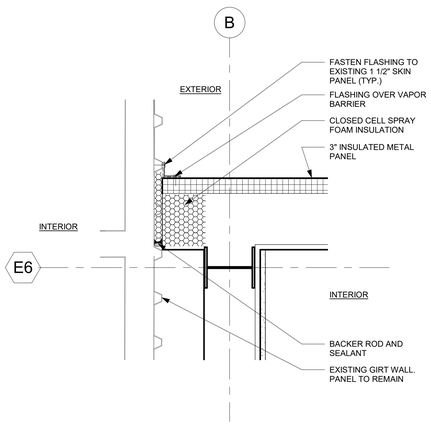
1 IMP BASE @ WEST PIPE BRIDGE
1" = 1'-0"



2 IMP BASE @ WEST RETAINING WALL (TYPICAL)
1" = 1'-0"



3 IMP BASE @ DOOR 101A
1" = 1'-0"



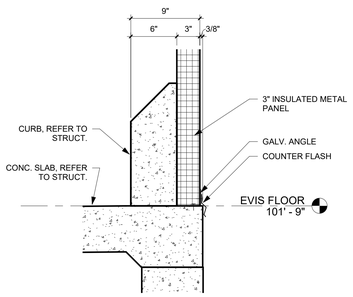
4 IMP INTERSECT @ PARTS STORAGE
1" = 1'-0"

5 IMP INTERSECT @ CMU
1" = 1'-0"

6 WALL RETURN @ MAINT. ACCESS
1" = 1'-0"

7 INFILL @ EXISTING OPENING (TYPICAL)
1" = 1'-0"

8 CORNER DETAIL @ RETAINING WALL
1" = 1'-0"



9 WALL BASE @ 3" IMP
1 1/2" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:28 PM

ISG

STATE OF GEORGIA
PES
Rachel F. Selinsky
CERTIFICATE NO. RA031853
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

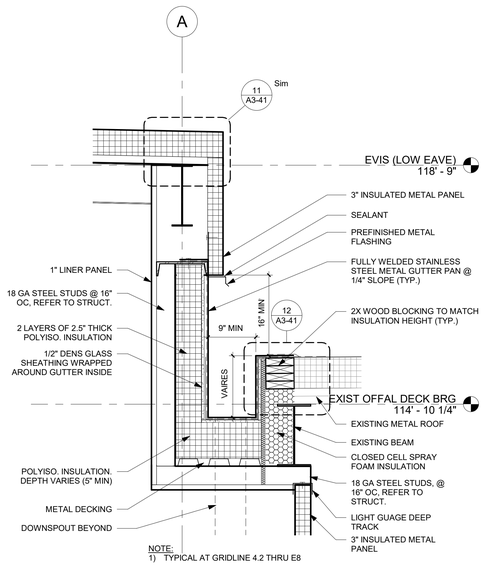
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

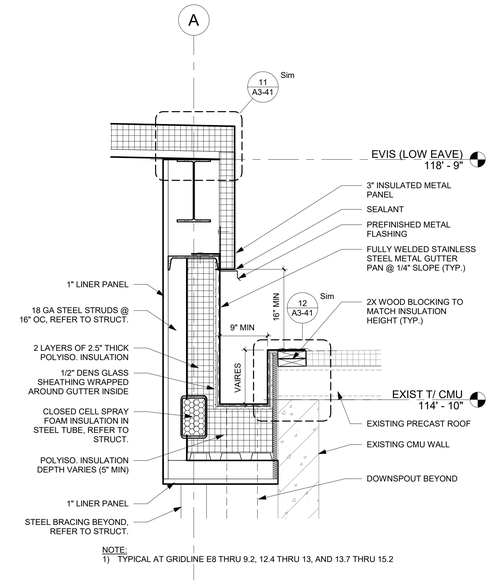
WALL DETAILS

SHEET

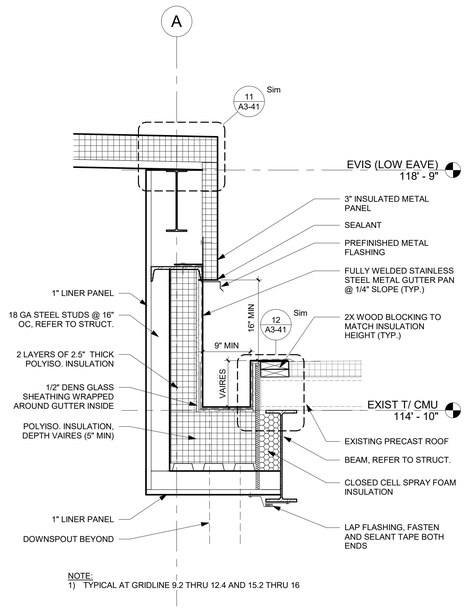
A3-31



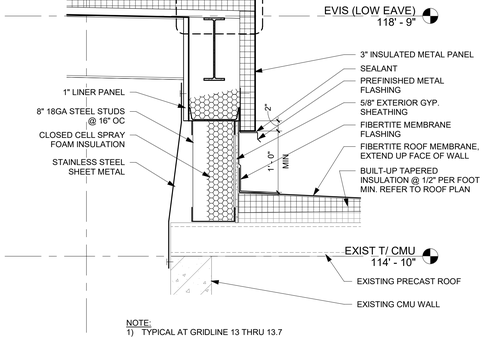
1 GUTTER DETAIL @ EAST METAL ROOF
1" = 1'-0"



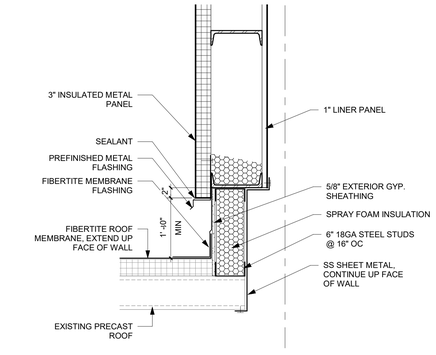
2 GUTTER DETAIL @ EAST CMU WALL
1" = 1'-0"



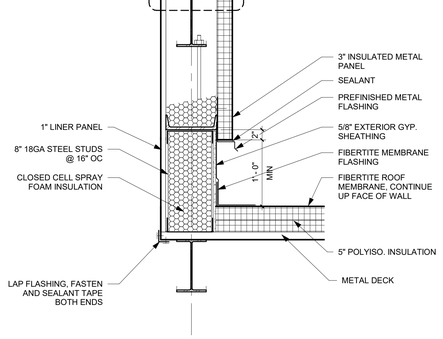
3 GUTTER DETAIL @ EAST PRECAST ROOF
1" = 1'-0"



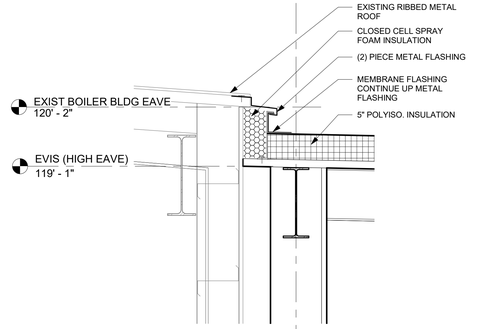
4 ROOF DETAIL @ EAST PIPE BRIDGE
1" = 1'-0"



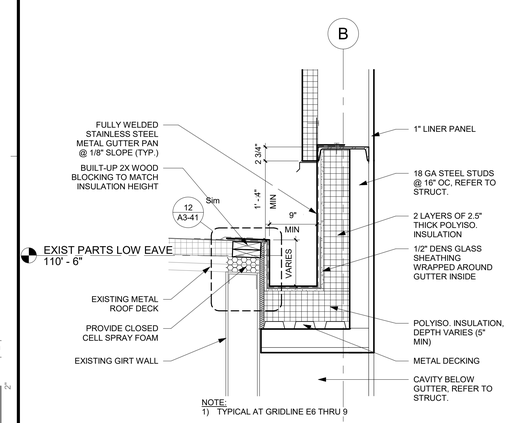
5 HIGH ROOF/WALL INTERSECT @ PICKING ROOF
1" = 1'-0"



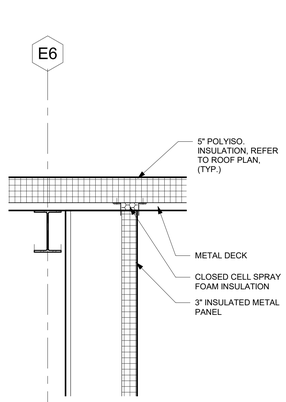
6 HIGH ROOF/WALL INTERSECT @ NEW ROOF
1" = 1'-0"



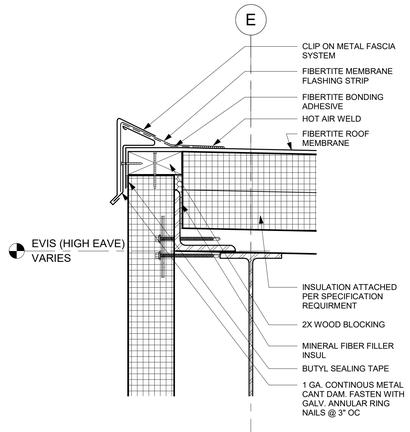
7 ROOF DETAIL @ BOILER ROOF
1" = 1'-0"



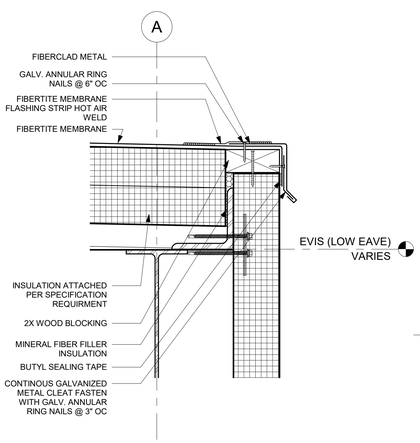
8 GUTTER DETAIL @ WEST ROOF (TYPICAL)
1" = 1'-0"



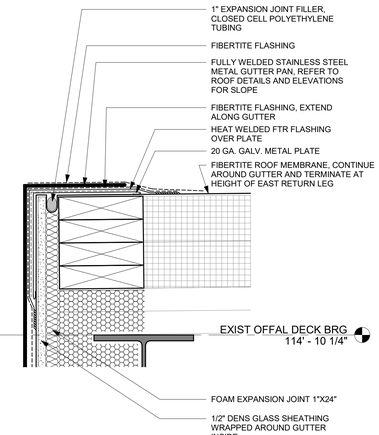
9 WALL TO ROOF DETAIL @ NORTH EVIS
1" = 1'-0"



10 METAL EDGE FLASHING (TYPICAL)
3" = 1'-0"



11 METAL FLASHING @ LOW EAVE (TYPICAL)
3" = 1'-0"



12 EAST GUTTER TIE-IN (TYPICAL)
3" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1"

1/31/2023 3:43:32 PM

ISG

STATE OF GEORGIA
David E Selinsky
CERTIFICATE NO. 035158
LICENSED ARCHITECT
01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

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FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
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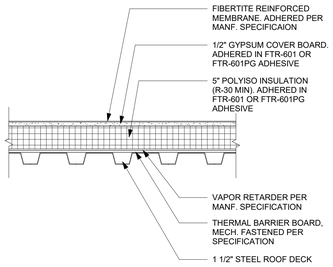
TITLE

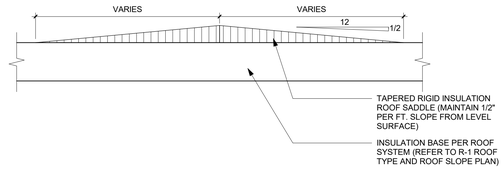
ROOF DETAILS

SHEET

A3-41



1 ROOF TYPE (R-1)
1 1/2" = 1'-0"



2 ROOF SADLE DETAIL
1 1/2" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:33 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. 031455
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

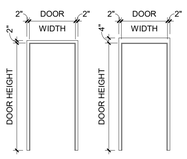
TITLE

ROOF DETAILS

SHEET

A3-42

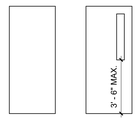
FRAME TYPES



1 METAL FRAME

2 METAL FRAME W/ MASONRY HEAD

DOOR TYPES



FL FLUSH

NL NARROW LITE

GATE SECURITY DOOR

COIL COILING DOOR

SHEET NOTES

- DOORS WITH TAG "EX" SHOWN ON FLOOR PLAN ARE EXISTING DOORS THAT ARE TO REMAIN. NO WORK, UNLESS NOTED OTHERWISE.
- FRAME MANUFACTURER SHALL COORDINATE LOCATIONS OF ALL CONCEALED CONDUIT AND J-BOXES REQUIRED FOR SECURITY SYSTEM HARDWARE PRIOR TO MANUFACTURING OF HOLLOW METAL FRAMES AND COORDINATE WITH SECURITY HARDWARE AND DEVICES.
- REFER TO STRUCTURAL FRAMING ELEVATIONS AT NEW OPENINGS IN NEW AND EXISTING WALLS.

DOOR SCHEDULE

MARK	ROOM NAME	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE GROUP	FIRE RATING	COMMENTS
100A	LIVE HANG ROOM	3' - 0"	7' - 0"	FL	IHM	2	IHM	1	--	STAINLESS STEEL FINISH
100B	LIVE HANG ROOM	3' - 0"	7' - 0"	FL	IHM	2	IHM	1	--	STAINLESS STEEL FINISH
101A	EVISERATION ROOM	3' - 0"	7' - 0"	FL	IHM	1	IHM	5	--	STAINLESS STEEL FINISH
101B	EVISERATION ROOM	3' - 0"	7' - 0"	FL	HOLLOW METAL	1	HOLLOW METAL	2	--	STAINLESS STEEL FINISH
101C	EVISERATION ROOM	3' - 0"	7' - 0"	FL	HOLLOW METAL	1	HOLLOW METAL	3	--	STAINLESS STEEL FINISH
101D	EVISERATION ROOM	10' - 0"	10' - 0"	COIL	STEEL	-	STEEL	--	--	GALV. FINISH. MOTOR POWER WITH CHAIN BACKUP
101E	EVISERATION ROOM	3' - 0"	7' - 0"	FL	HOLLOW METAL	1	HOLLOW METAL	2	--	STAINLESS STEEL FINISH
101F	EVISERATION ROOM	3' - 0"	7' - 0"	FL	HOLLOW METAL	1	HOLLOW METAL	2	--	STAINLESS STEEL FINISH
101G	EVISERATION ROOM	3' - 0"	7' - 0"	FL	HOLLOW METAL	2	HOLLOW METAL	2	--	STAINLESS STEEL FINISH
101H	EVISERATION ROOM	6' - 0"	7' - 0"	FL	HOLLOW METAL	2	HOLLOW METAL	2A	--	STAINLESS STEEL FINISH
101J	EVISERATION ROOM	3' - 0"	7' - 0"	FL	IHM	1	IHM	1	--	STAINLESS STEEL FINISH
101K	EXTERIOR WALK	3' - 0"	7' - 0"	GATE	STEEL	--	STEEL	--	--	EQUIPPED WITH PANIC HARDWARE
104A	EXIST. BOILER RM	14' - 0"	14' - 0"	COIL	STEEL	--	STEEL	--	--	GALV. FINISH. MOTOR POWER WITH CHAIN BACKUP
104B	EXIST. BOILER RM	3' - 0"	7' - 0"	NL	IHM	1	IHM	4	--	STAINLESS STEEL FINISH
105A	EXIST. MAINT. SHOP	8' - 0"	8' - 0"	COIL	STEEL	--	STEEL	--	--	GALV. FINISH. MOTOR POWER WITH CHAIN BACKUP
105B	EXIST. MAINT. SHOP	3' - 0"	7' - 0"	NL	IHM	1	IHM	4	--	STAINLESS STEEL FINISH

HARDWARE GROUP 1

- 3 EA HINGE
- 1 EA FIRE EXIT HARDWARE
- 1 EA SURFACE CLOSER
- 2 EA KICK PLATE
- 1 EA WEATHERSTRIP
- 1 EA RAIN DRIP
- 1 EA THRESHOLD

HARDWARE GROUP 2

- 3 EA HINGE
- 1 FIRE EXIT HARDWARE
- 1 EA SURFACE CLOSER
- 2 EA KICK PLATE
- 1 EA WEATHERSTRIP
- 1 EA THRESHOLD

HARDWARE GROUP 2A

ACTIVE LEAF

- 3 EA HINGE
- 1 FIRE EXIT HARDWARE
- 1 EA SURFACE CLOSER (W/HOLD OPEN)
- 2 EA KICK PLATE
- 1 EA WEATHERSTRIP
- 1 EA THRESHOLD

INACTIVE LEAF

- 3 EA HINGE
- 2 FLUSH BOLT (TOP & BOTTOM)
- 2 EA KICK PLATE
- 1 EA WEATHERSTRIP
- 1 EA THRESHOLD

HARDWARE GROUP 3

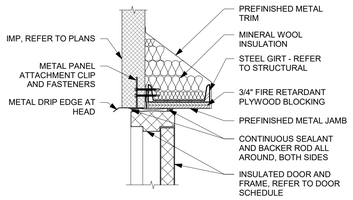
- 3 EA HINGE
- 1 EA LOCKSET
- 1 EA SURFACE CLOSER
- 2 EA KICK PLATE
- 1 EA WEATHERSTRIP
- 1 EA THRESHOLD

HARDWARE GROUP 4

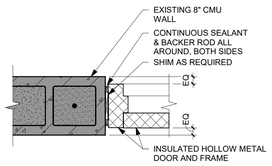
- 3 EA HINGE
- 1 FIRE EXIT HARDWARE
- 1 EA SURFACE CLOSER
- 2 EA KICK PLATE
- 1 EA WEATHERSTRIP
- 1 EA RAIN DRIP
- 1 EA THRESHOLD
- 1 EA DOOR SWEEP

HARDWARE GROUP 5

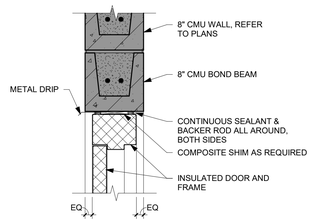
- 3 EA HINGE
- 1 EA LOCKSET
- 1 EA SURFACE CLOSER
- 2 EA KICK PLATE
- 1 EA WEATHERSTRIP
- 1 EA RAIN DRIP
- 1 EA THRESHOLD
- 1 EA DOOR SWEEP



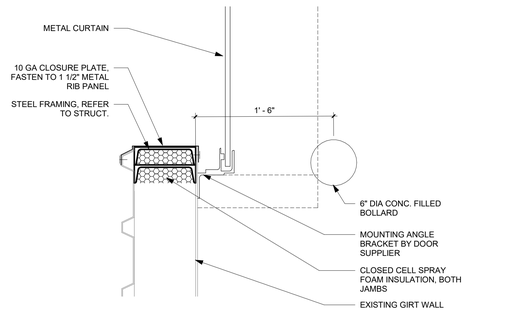
1 HM DOOR HEAD/JAMB @ IMP
1 1/2" = 1'-0"



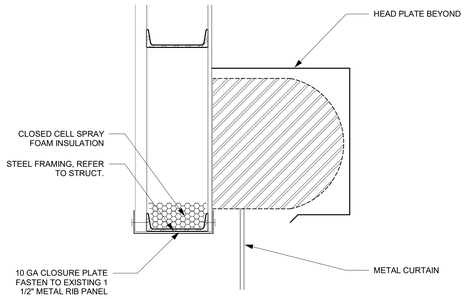
2 HM DOOR JAMB @ CMU
1 1/2" = 1'-0"



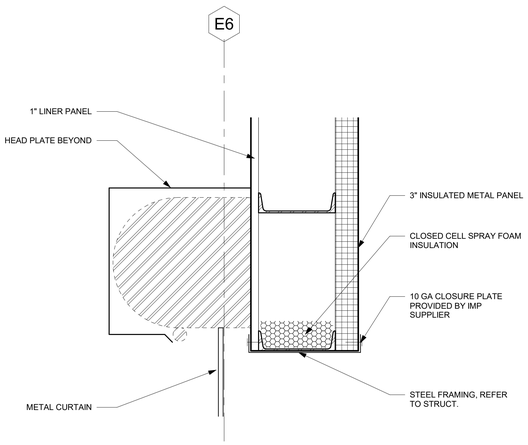
3 HM DOOR HEAD @ CMU
1 1/2" = 1'-0"



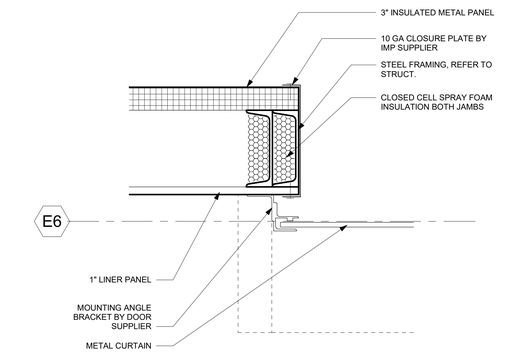
4 COILING DOOR JAMB @ GIRT WALL
1 1/2" = 1'-0"



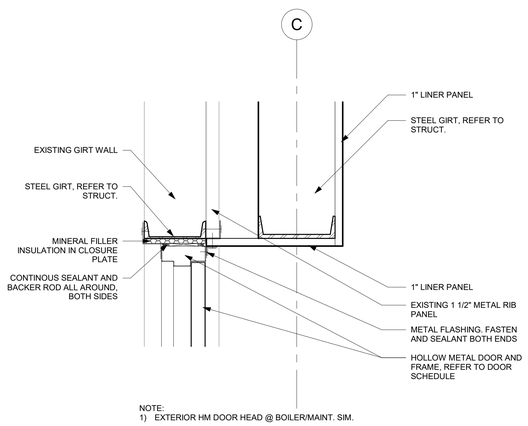
5 COILING DOOR HEAD @ GIRT WALL
1 1/2" = 1'-0"



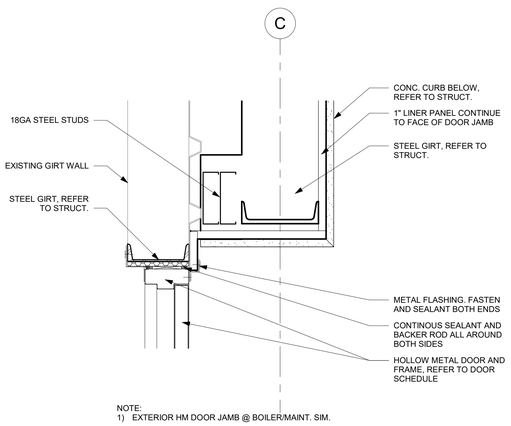
6 COILING DOOR HEAD @ IMP
1 1/2" = 1'-0"



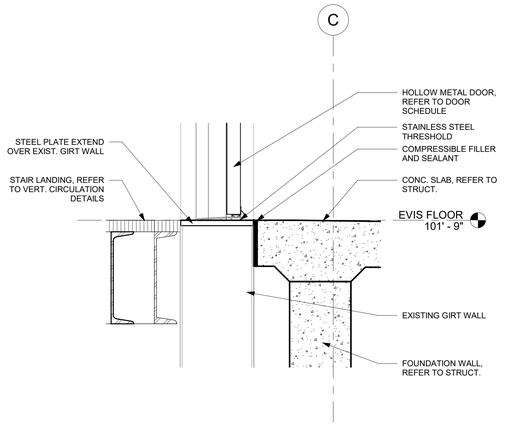
7 COILING DOOR JAMB @ IMP
1 1/2" = 1'-0"



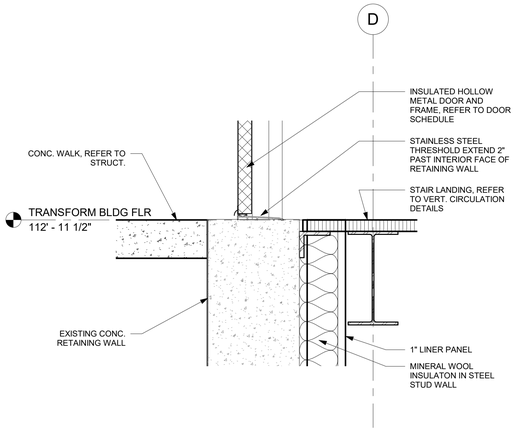
8 HM DOOR HEAD @ BOILER/MAINT. (INTERIOR)
1 1/2" = 1'-0"



9 HM DOOR JAMB @ BOILER/MAINT. (INTERIOR)
1 1/2" = 1'-0"



10 HM DOOR SILL @ BOILER/MAINT. (TYPICAL)
1 1/2" = 1'-0"



11 HM DOOR SILL @ RETAINING WALL
1 1/2" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:43:37 PM

ISG

STATE OF GEORGIA
David F Selinsky
CERTIFICATE NO. RA018483
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES
DESIGNED BY	PES
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

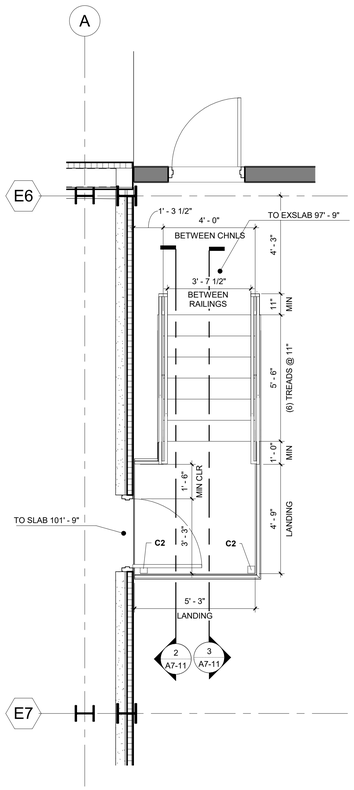
DOOR SCHEDULE, DOOR AND FRAME TYPES

SHEET

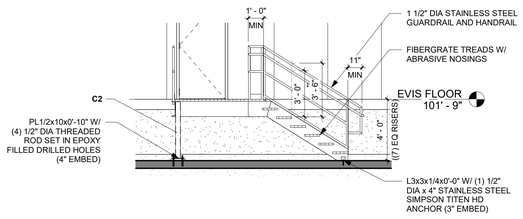
A4-11

SHEET NOTES

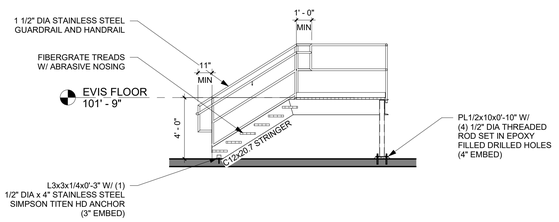
A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY STEEL FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. ALL STAIR AND RAILING COMPONENTS SHALL BE STAINLESS STEEL (UNO).
C. STAIR STRINGERS ARE C12x20.7 (UNO).
D. ALL STAIR COMPONENTS IN PRODUCTION SPACE SHALL BE STAINLESS STEEL (UNO).



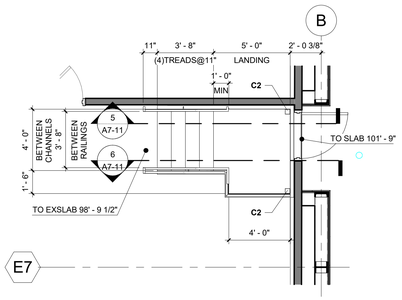
1 STAIR "A" PLAN VIEW
3/8" = 1'-0"



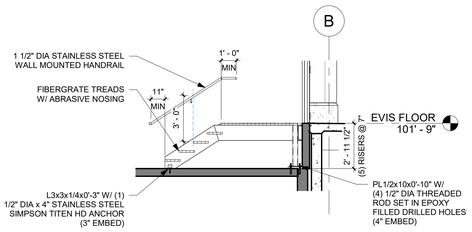
2 STAIR "A" SECTION - LOOKING WEST
1/4" = 1'-0"



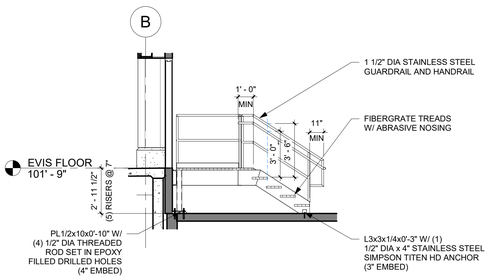
3 STAIR "A" SECTION - LOOKING EAST
1/4" = 1'-0"



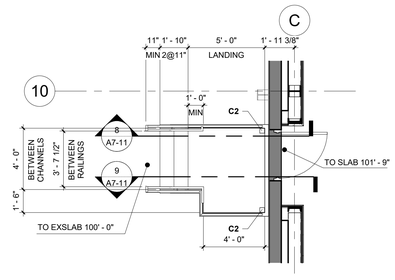
4 STAIR "B" PLAN VIEW
1/4" = 1'-0"



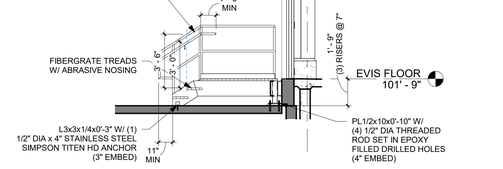
5 STAIR "B" SECTION - LOOKING NORTH
1/4" = 1'-0"



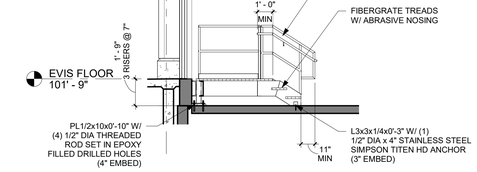
6 STAIR "B" SECTION - LOOKING SOUTH
1/4" = 1'-0"



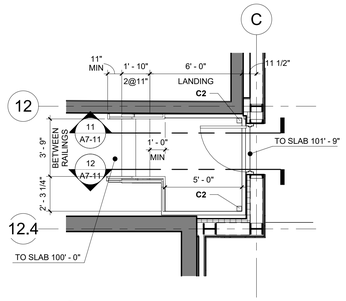
7 STAIR "C" PLAN VIEW
1/4" = 1'-0"



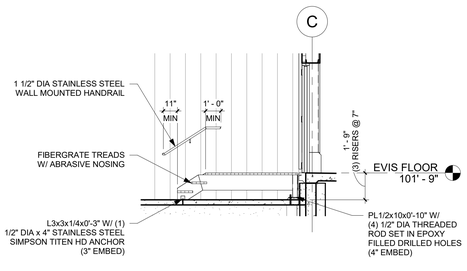
8 STAIR "C" SECTION - LOOKING NORTH
1/4" = 1'-0"



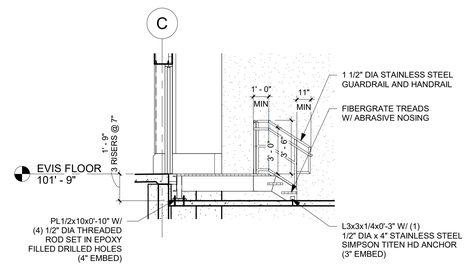
9 STAIR "C" SECTION - LOOKING SOUTH
1/4" = 1'-0"



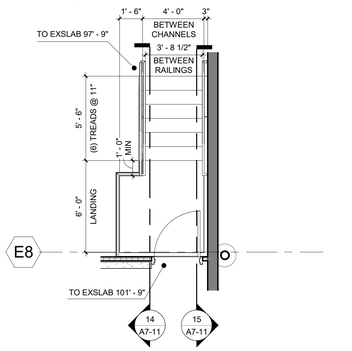
10 STAIR "D" PLAN VIEW
1/4" = 1'-0"



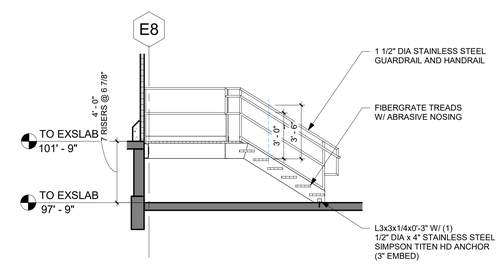
11 STAIR "D" SECTION - LOOKING NORTH
1/4" = 1'-0"



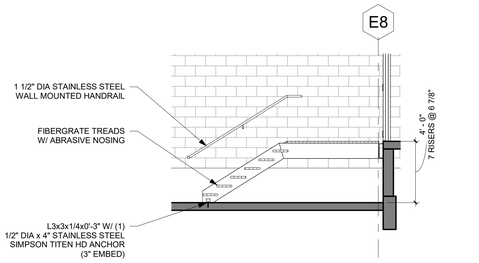
12 STAIR "D" SECTION - LOOKING SOUTH
1/4" = 1'-0"



13 STAIR "G" PLAN VIEW
1/4" = 1'-0"



14 STAIR "G" SECTION - LOOKING WEST
1/4" = 1'-0"



15 STAIR "G" SECTION - LOOKING EAST
1/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2'

1/31/2023 3:43:43 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA013400
LICENSED ARCHITECT

01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES/MDS
DESIGNED BY	PES/MDS
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/10/23
CLIENT PROJECT NO.	

TITLE

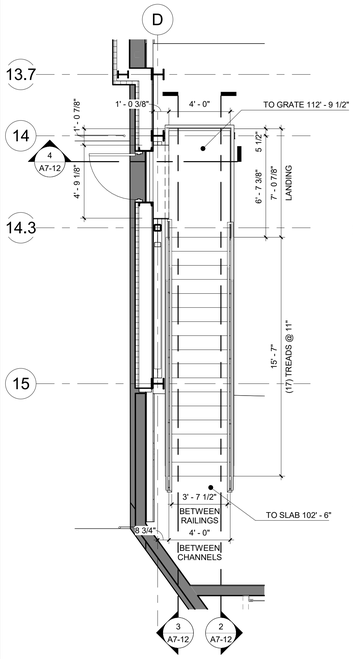
ENLARGED VERTICAL CIRCULATION PLANS

SHEET

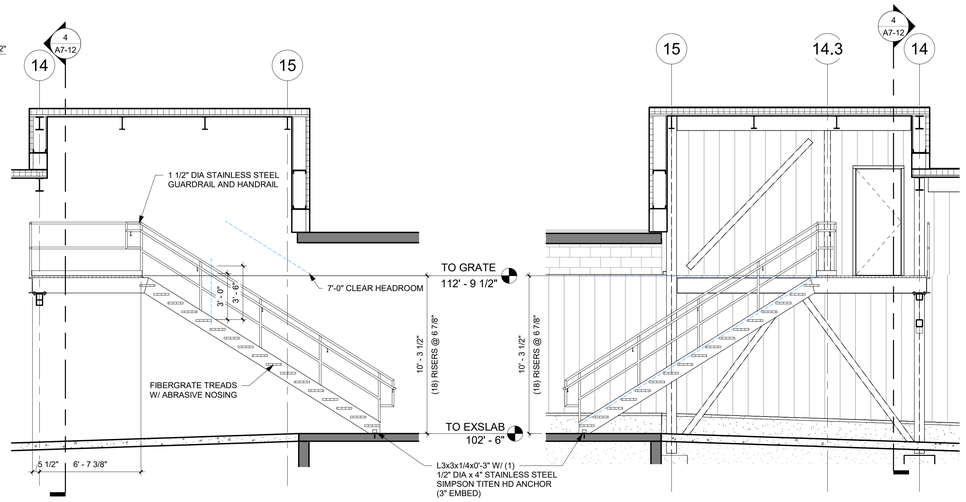
A7-11

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY STEEL FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. ALL STAIR AND RAILING COMPONENTS SHALL BE STAINLESS STEEL (UNO).
C. STAIR STRINGERS ARE C12x20.7 (UNO).
D. ALL STAIR COMPONENTS IN PRODUCTION SPACE SHALL BE STAINLESS STEEL (UNO).

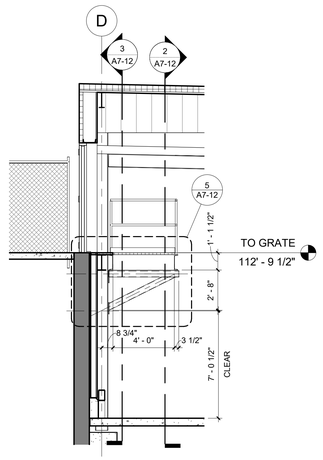


1 STAIR "E" PLAN VIEW
1/4" = 1'-0"

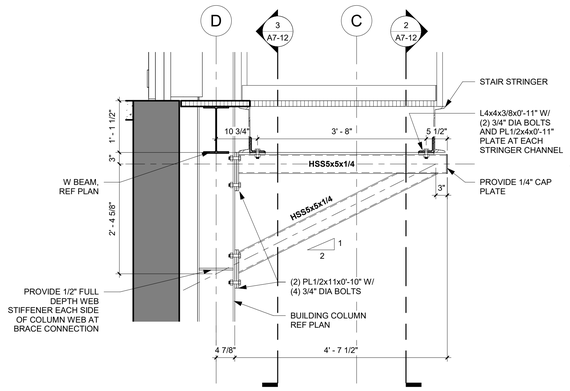


2 STAIR "E" SECTION - LOOKING EAST
1/4" = 1'-0"

3 STAIR "E" SECTION - LOOKING WEST
1/4" = 1'-0"



4 STAIR "E" LANDING SECTION
1/4" = 1'-0"



5 STAIR "E" LANDING BRACKET
3/4" = 1'-0"

6 STAIR "F" PLAN VIEW
1/4" = 1'-0"

7 STAIR "F" SECTION - LOWER - LOOKING SOUTH
1/4" = 1'-0"

8 STAIR "F" SECTION - LOWER - LOOKING NORTH
1/4" = 1'-0"

9 STAIR "F" SECTION - UPPER - LOOKING WEST
1/4" = 1'-0"

10 STAIR "F" SECTION - UPPER - LOOKING EAST
1/4" = 1'-0"

11 STAIR "F" LANDING SECTION
1/4" = 1'-0"

12 STAIR "F" LANDING BRACKET
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'
2"
1'
0 1/4" 1/2"

1/31/2023 3:43:48 PM

ISG

STATE OF GEORGIA
David F. Selinsky
CERTIFICATE NO. RA015823
LICENSED ARCHITECT
01/31/2023

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	PES/MDS
DESIGNED BY	PES/MDS
REVIEWED BY	DFS
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

ENLARGED VERTICAL CIRCULATION PLANS

SHEET

A7-12

GENERAL NOTES

A. NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER THESE STANDARD STRUCTURAL NOTES. TYPICAL DETAILS SHALL BE USED WHENEVER APPLICABLE.

B. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK; AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED, IN WRITING, OF ANY DISCREPANCIES.

C. IN NO CASE SHALL DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THE STRUCTURAL DRAWINGS.

D. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF UTILITY SERVICES IN THE AREA TO BE EXCAVATED BEFORE BEGINNING EXCAVATION.

E. NO PIPES, DUCTS, SLEEVES, CHASES, ETC., SHALL BE PLACED IN SLABS OR WALLS, NOR SHALL ANY STRUCTURAL MEMBER BE CUT FOR PIPES, DUCTS, ETC.

F. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TEMPORARY SHORING AND BRACING OF EXISTING STRUCTURAL ELEMENTS DURING CONSTRUCTION. ALL SHORING SHALL BE ADEQUATE TO SUPPORT ALL STRUCTURAL LOADS DURING THE REMOVAL OF THE EXISTING STRUCTURE. TEMPORARY SHORING MUST REMAIN IN PLACE UNTIL ALL NEW STRUCTURAL ELEMENTS ARE SECURED INTO PLACE PER CONSTRUCTION DOCUMENTS.

G. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR REQUIREMENTS, DIMENSIONS AND EXACT LOCATIONS OF FLOOR DRAINS, TRENCHES, DRAIN TILE, PUMPS AND EQUIPMENT INCLUDING ANCHORING SYSTEMS AND HOUSEKEEPING PADS. GENERAL CONTRACTOR TO COORDINATE ALL OF THESE ITEMS WITH ALL DISCIPLINES INVOLVED.

H. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE FOLLOWING CODES AND MANUALS (LATEST ADOPTED EDITION):
1. STATE BUILDING CODE, WHEN APPLICABLE.
2. INTERNATIONAL BUILDING CODE (IBC).
3. AMERICAN CONCRETE INSTITUTE (ACI).
4. CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE (FOR PLACING AND DETAILING OF ALL REINFORCING).
5. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
6. AMERICAN WELDING SOCIETY (AWS) STANDARDS FOR WELDING AS MODIFIED BY AISC SPECIFICATION.
7. MASONRY STANDARDS JOINT COMMITTEE (MSJC)
8. AMERICAN FOREST & PAPER ASSOCIATION NATIONAL DESIGN SPECIFICATION (AF & PA NDS)

DESIGN LOADS CRITERIA

A. CODES USED:
1. 2018 INTERNATIONAL BUILDING CODE
2. 2016 AMERICAN SOCIETY OF CIVIL ENGINEERS STANDARD 7 (ASCE 7-16)

B. RISK CATEGORY: II

C. WIND LOAD CRITERIA:
1. BASIC DESIGN WIND SPEED, V = 108 MPH (3 SECOND GUST)
2. ALLOWABLE STRESS DESIGN WIND SPEED, Vasd = 90 MPH (3 SECOND GUST)
3. WIND LOAD EXPOSURE: B
4. INTERNAL PRESSURE COEFFICIENT: +/- 0.18 (ENCLOSED BUILDING)
5. WIND TOPOGRAPHIC FACTOR: K_{ZT} = 1.0
6. C & C WIND WALL PRESSURE: REFER TO COMPONENT AND CLADDING WIND PRESSURE TABLE
7. WIND NET UPLIFT: 15 PSF (NOMINAL)

D. SNOW LOAD CRITERIA:
1. GROUND SNOW LOAD, P_G = 5 PSF
2. FLAT-ROOF SNOW LOAD (BALANCED), P_F = 3.5 PSF
3. SNOW LOAD IMPORTANCE FACTOR, I_S = 1.0
4. SLOPE FACTOR, C_S = 1.0
5. THERMAL FACTOR, C_T = 1.0
6. SNOW EXPOSURE FACTOR, C_E = 1.0
7. UNBALANCED SNOW LOAD: ON PLAN IF APPLICABLE
8. DRIFT SURCHARGE LOADS, Pd: ON PLAN IF APPLICABLE
9. WIDTH OF SNOW DRIFT(s), w: ON PLAN IF APPLICABLE

E. EARTHQUAKE LOAD CRITERIA
1. SEISMIC IMPORTANCE FACTOR: I_E = 1.0
2. MAPPED SPECTRAL RESPONSE ACCELERATIONS:
   - S_S = 20.5% g
   - S_1 = 8.6% g
3. SOIL SITE CLASS: D
4. SPECTRAL RESPONSE COEFFICIENT:
   - S_{DS} = 0.219
   - S_{D1} = 0.138
5. SEISMIC DESIGN CATEGORY = C
6. SEISMIC FORCE RESISTING SYSTEM: STEEL ORDINARY CONCENTRCALLY BRACED FRAMES AND STEEL ORDINARY MOMENT FRAMES
7. SEISMIC RESPONSE COEFFICIENT, C_S = 0.062
8. RESPONSE MODIFICATION FACTOR, R = 3.25
9. OVER-STRENGTH FACTOR: Ω = 2.0
10. ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL-FORCE ANALYSIS

F. LIVE LOADS
1. ROOF: 20 PSF
2. STAIR ASSEMBLIES: 100 PSF
3. RAILING: 200 LBS AT ANY POINT OR 50 PLF, WHICHEVER PRODUCES MAXIMUM LOAD EFFECT

G. DEAD LOADS
1. ROOF: 20 PSF
2. FRAMING: ACTUAL
3. MECHANICAL: SEE PLAN

H. RAIN LOAD DATA
1. RAIN INTENSITY, i: 3 IN/HR

SHOP DRAWINGS

A. SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR APPROVAL, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER RESPONSIBLE FOR ITS PREPARATION, WHO IS REGISTERED IN THE STATE WHICH THE PROJECT IS LOCATED.

B. PRIOR TO SUBMITTAL, THE CONTRACTOR SHALL REVIEW THE SHOP DRAWINGS AND MAKE ANY CORRECTIONS REQUIRED. THE CONTRACTOR SHALL STAMP AND SIGN THE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER.

C. THE ENGINEER'S REVIEW OF SHOP DRAWINGS IS FOR GENERAL CONFORMANCE OF THE DESIGN CONCEPT. CONTRACTOR SHALL SUBMIT A SCHEDULE OF SHOP DRAWING SUBMITTALS THAT IS ACCEPTABLE TO BOTH CONTRACTOR AND ENGINEER. AFTER THE CONTRACTOR HAS REVIEWED THE SHOP DRAWINGS, PROMPT REVIEW BY THE ENGINEER WILL BE MADE OF ALL SUBMITTALS.

D. FOR LARGE SUBMITTALS, REASONABLE REVIEW TIME SHALL BE ALLOWED AND MAY EXCEED TWO WEEKS. THE CONTRACTOR SHALL SUBMIT NECESSARY REQUEST FOR INFORMATION (RFI's) DURING THE DETAILING PROCESS TO AVOID SUBMITTALS THAT ARE INCOMPLETE OR NEED SIGNIFICANT VERIFICATIONS. THE CONCURRENT SUBMITTAL OF MULTIPLE SHOP DRAWINGS ("DUMPING") WILL FURTHER EXTEND THE REVIEW PROCESS AND TIME FRAME NECESSARY TO PROPERLY REVIEW EACH SUBMITTAL.

E. UNLESS INDICATED OTHERWISE, THE GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE FOLLOWING ITEMS FOR STRUCTURAL REVIEW. REFER TO SPECIFIC SECTION OF STRUCTURAL NOTES FOR ANY ADDITIONAL CRITERIA:
1. CONCRETE MIX DESIGNS
2. STRUCTURAL STEEL
3. STEEL ROOF DECK
4. ADDITIONAL STRUCTURAL SHOP DRAWINGS REQUESTED IN THE SPECIFICATIONS

F. A COPY OF ALL SHOP DRAWINGS SHALL BE MAINTAINED ON SITE AT ALL TIMES.

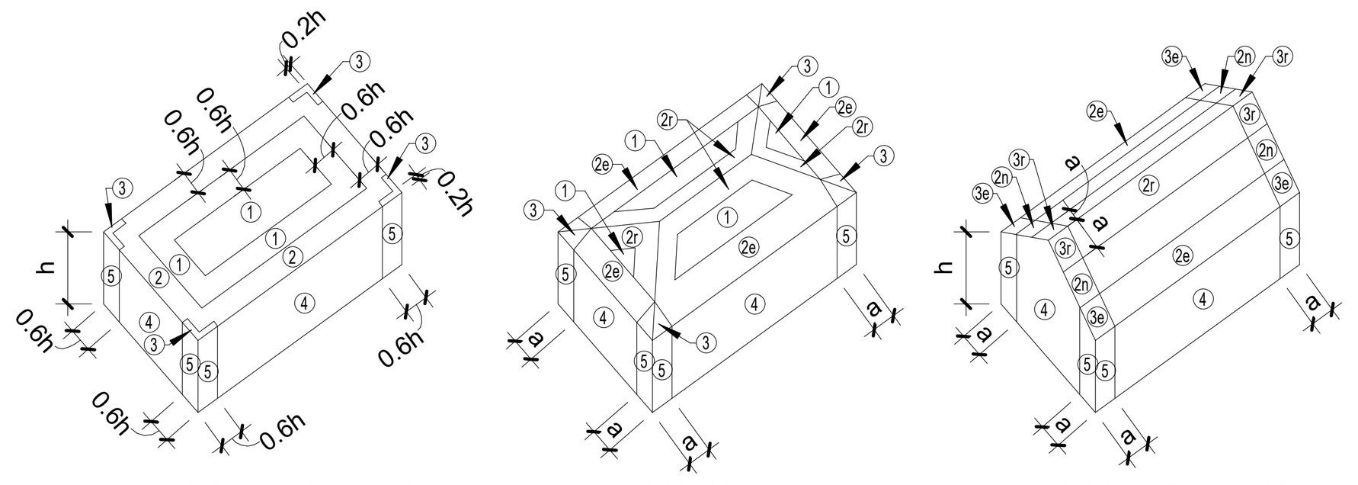
G. SHOP DRAWINGS SHALL INCLUDE COMPLETE DETAIL SCHEDULES, PROCEDURES, AND DIAGRAMS FOR FABRICATION AND ASSEMBLY OF STRUCTURAL MEMBERS AND SUBMIT PRIOR TO FABRICATION.

H. ERECTION PLANS ARE THE RESPONSIBILITY OF THE FABRICATOR.

COMPONENTS AND CLADDING WIND PRESSURES (PSF)

ROOF TYPE	ZONE	TRIBUTARY AREA 10 sf or smaller	20 sf	50 sf	100 sf	500 sf or greater
FLAT/HIP/GABLE (0˚< θ ≤ 7˚)	1	+16.0 / -44.5	+16.0 / -41.6	+16.0 / -37.7	+16.0 / -34.8	+16.0 / -27.9
	1'	+16.0 / -25.6	+16.0 / -25.6	+16.0 / -25.6	+16.0 / -25.6	+16.0 / -17.3
	2	+16.0 / -58.7	+16.0 / -55.0	+16.0 / -50.0	+16.0 / -46.2	+16.0 / -37.4
	3	+16.0 / -80.0	+16.0 / -72.5	+16.0 / -62.5	+16.0 / -55.0	+16.0 / -37.4
	4	+25.6 / -27.7	+24.4 / -26.6	+22.9 / -25.1	+21.8 / -23.9	+19.2 / -21.3
	5	+25.6 / -34.1	+24.4 / -31.8	+22.9 / -28.8	+21.8 / -26.6	+19.2 / -21.3
HIP ROOF (7˚< θ ≤ 45˚)	1	+16.0 / -44.5	+16.0 / -41.6	+16.0 / -37.7	+16.0 / -34.8	+16.0 / -27.9
	3	+16.0 / -80.0	+16.0 / -72.5	+16.0 / -62.5	+16.0 / -55.0	+16.0 / -37.4
	2e	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -
	2r	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -
	4	+25.6 / -27.7	+24.4 / -26.6	+22.9 / -25.1	+21.8 / -23.9	+19.2 / -21.3
	5	+25.6 / -34.1	+24.4 / -31.8	+22.9 / -28.8	+21.8 / -26.6	+19.2 / -21.3
GABLE ROOF (7˚< θ ≤ 45˚)	1,2e	+16.0 / -44.5	+16.0 / -41.6	+16.0 / -37.7	+16.0 / -34.8	+16.0 / -27.9
	2r	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -
	2n	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -
	3r	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -
	3e	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -	+16.0 / -
	4	+25.6 / -27.7	+24.4 / -26.6	+22.9 / -25.1	+21.8 / -23.9	+19.2 / -21.3
	5	+25.6 / -34.1	+24.4 / -31.8	+22.9 / -28.8	+21.8 / -26.6	+19.2 / -21.3

NOTES:
1. PRESSURE SHOWN ARE APPLIED NORMAL TO THE SURFACE.
2. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.
3. FOR HIP ROOFS WITH θ ≤ 25° , ZONE 3 SHALL BE TREATED AS ZONE 2e AND 2r.
4. REFER TO GENERAL NOTES FOR INFORMATION REGARDING GOVERNING BUILDING CODE.
5. REFER TO FIGURE BELOW FOR ZONE DEFINITIONS.
6. LINEAR INTERPOLATION IS PERMITTED FOR TRIBUTARY AREAS NOT SHOWN.
7. IF OVERHANGS EXIST, THE LESSER HORIZONTAL DIMENSION OF THE BUILDING SHALL NOT INCLUDE ANY OVERHANG DIMENSION, BUT THE EDGE DISTANCE, a , SHALL BE MEASURED FROM THE OUTSIDE EDGE OF THE OVERHANG.



FLAT/HIP/GABLE (0˚< θ ≤ 7˚) HIP ROOF (7˚< θ ≤ 45˚) GABLE ROOF (7˚< θ ≤ 45˚)

NOTATION
a = 10% OF LEAST HORIZONTAL DIMENSION OR 0.4*h*, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4%
OF LEAST HORIZONTAL DIMENSION OR 3' (0.9m)
EXCEPTION: FOR BUILDINGS WITH θ = 0° TO 7° AND A LEAST HORIZONTAL DIMENSION GREATER THAN 300' (90m), DIMENSION *a* SHALL BE LIMITED TO A MAXIMUM OF 0.8 *h*.
h = MEAN ROOF HEIGHT, IN FT (m), EXCEPT THAT EAVE HEIGHT SHALL BE USED FOR ROOF ANGLES <10°.
θ = ANGLE OF PLANE OF ROOF FROM HORIZONTAL (IN DEGREES).

FOOTINGS AND FOUNDATIONS

A. SOIL BEARING DESIGN VALUE:
1. 1500 PSF (PRESUMED).
2. BEARING VALUE TO BE VERIFIED IN FIELD BY GEOTECHNICAL ENGINEER.

B. PROTECT FOUNDATION EXCAVATIONS FROM FROST; DO NOT PLACE CONCRETE ON FROZEN GROUND.

C. FOUNDATION EXCAVATIONS SHALL BE KEPT FREE OF LOOSE MATERIAL AND STANDING WATER AND SHALL BE CHECKED AND APPROVED BY THE ENGINEER BEFORE THE PLACEMENT OF ANY CONCRETE.

D. DESIGN FROST PENETRATION DEPTH: 42 INCHES (HEATED) OR 60 INCHES (UNHEATED)

E. MINIMUM OF 6" COMPACTED GRANULAR SUBGRADE BELOW SLABS.

MATERIAL COMPACTION CRITERIA	
LOCATION	MINIMUM RELATIVE COMPACTION PERCENTAGE (ASTM D698 STANDARD PROCTOR DENSITY (SPD))
1'-0" BELOW FOUNDATION AND SLAB SUBGRADE ELEVATIONS	98%
ABOVE BOTTOM OF FOUNDATIONS AND BELOW SLAB SUBGRADE ELEVATIONS	95%
BELOW EXTERIOR SLAB, WITHIN 1'-0" OF SUBGRADE ELEVATIONS	98%
BELOW EXTERIOR SLAB, MORE THAN 1'-0" BELOW SUBGRADE ELEVATIONS	95%

CONCRETE

A. CONCRETE SHALL BE STANDARD WEIGHT MIX UNLESS NOTED OTHERWISE AND MEET THE FOLLOWING CRITERIA:

LOCATIONS	f'c @ 28 DAYS	AIR ENTRAINMENT	MAX. WATER/CEMENT RATIO
FOOTINGS / FOUNDATIONS	4000 PSI		0.55
SLABS ON GRADE	3500 PSI		0.55
COLUMNS/PIERS	4000 PSI		0.55
EXTERIOR SLABS ON GRADE	4500 PSI	6% ± 1.5%	0.45
EXPOSED EXTERIOR WALLS	4500 PSI	6% ± 1.5%	0.45

B. CEMENT SHALL CONFORM TO ASTM C150, TYPE I / II OR ASTM C595 TYPE IL.

C. READY-MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C94.

D. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301 (LATEST EDITION) "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THESE NOTES.

E. ADMIXTURES MAY BE USED WITH PRIOR APPROVAL OF THE ENGINEER. ADMIXTURES SHALL COMPLY WITH ASTM C494 AND BE OF A TYPE THAT INCREASES THE WORKABILITY OF THE CONCRETE, BUT SHALL NOT BE CONSIDERED TO REDUCE THE SPECIFIED MINIMUM CEMENT CONTENT (CALCIUM CHLORIDE SHALL NOT BE USED).

F. CONTRACTOR SHALL SUBMIT MIX DESIGNS FOR APPROVAL 10 DAYS PRIOR TO FABRICATION AND INSTALLATION. ALL CONCRETE MIXES SHALL BE DESIGNED AND CERTIFIED BY A MATERIALS TESTING COMPANY.

G. PROJECTING CORNERS OF SLABS, BEAMS, WALLS, COLUMNS, ETC. SHALL BE FORMED WITH A 3/4" CHAMFER UNLESS DETAILED OR NOTED OTHERWISE.

H. PLACE VAPOR RETARDER OR VAPOR BARRIER DIRECTLY BELOW FLOOR SLAB.

I. CONCRETE FLOOR SHALL BE CURED IN ACCORDANCE WITH ASTM C309. CONCRETE FLOOR SHALL BE PROTECTED FROM MOISTURE LOSS FOR A MINIMUM OF 14 DAYS, USING AN APPROVED SHEET MEMBRANE IN ACCORDANCE WITH C171.

J. FLOOR FLATNESS AND LEVELNESS TOLERANCES:
1. UNLESS NOTED OTHERWISE, FLOORS SHALL CONFORM TO THE FOLLOWING SURFACE PROFILE TOLERANCES:
   a. FLOOR FLATNESS NUMBER (F_F)
      - SPECIFIED OVERALL VALUE = 20
      - MINIMUM LOCAL VALUE = 15
   b. FLOOR LEVELNESS NUMBER (F_L)
      - SPECIFIED OVERALL VALUE = 20
      - MINIMUM LOCAL VALUE = 15
2. FLOOR TOLERANCE (F_F AND F_L) MEASUREMENTS SHALL BE TESTED IN ACCORDANCE WITH ASTM E 1155. ACTUAL OVERALL F-NUMBERS SHALL BE CALCULATED USING THE INFERIOR / SUPERIOR AREA METHOD.
3. CORRECT DEFECTIVE SLABS BY GRINDING OR REMOVING AND REPLACING DEFECTIVE WORK. RE-MEASURE CORRECTED AREAS BY THE SAME PROCESS.

ANCHOR BOLTS

A. ALL ANCHOR RODS SHALL BE SUPPLIED AND INSTALLED BY THE CONCRETE CONTRACTOR, UNLESS NOTED OTHERWISE.

B. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE 36 HEX-HEAD, UNLESS NOTED OTHERWISE. NUTS SHALL BE ASTM A563 GRADE A HEAVY HEX. OVER-SIZED PLATE WASHERS SHALL BE ASTM A36.

C. ALL ANCHOR RODS SHALL BE SET WITH TEMPLATES.

D. POST-INSTALLED ANCHORS SHALL BE ADHESIVE ANCHORING SYSTEM PROVIDED AND INSTALLED BY FRAMING CONTRACTOR. ADHESIVE ANCHORS SHALL BE "HILTI HIT-HY 200 ADHESIVE ANCHOR SYSTEM" OR APPROVED ALTERNATE. ANCHORS SHALL BE "HILTI HAS-E" THREADED ROD CONFORMING TO ISO 898-1 CLASS 5.8 OR SHALL BE MADE FROM ALL-THREADED ROD CONFORMING TO ASTM A572 GRADE 60, OR APPROVED ALTERNATE, UNLESS NOTED OTHERWISE.

REINFORCING STEEL

A. BAR REINFORCEMENT SHALL BE ASTM A615, GRADE 60.

B. MINIMUM DEVELOPMENT LENGTH OF REINFORCING BARS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE.

MINIMUM LENGTH FOR STANDARD UN-COATED BARS IN NORMAL WEIGHT CONCRETE						
CONCRETE STRENGTH f'c IN PSI	DEVELOPMENT LENGTH (Ld) FOR STRAIGHT BARS (MIN. OF 12 INCHES)					FOR 90 DEGREE HOOKED BARS, HOOK DEVELOPMENT LENGTH
	TENSION CLASS A		TENSION CLASS B		COMPRESSION	
	#6 AND SMALLER	#7 TO #11	#6 & SMALLER	#7 TO #11	#18, #14, & #11 AND SMALLER	
3000	44 Db	55 Db	57 Db	71 Db	30 Db	22 Db
3500	41 Db	51 Db	53 Db	66 Db	30 Db	20 Db
4000	38 Db	47 Db	49 Db	62 Db	30 Db	19 Db
4500	36 Db	45 Db	47 Db	58 Db	30 Db	18 Db
5000	34 Db	42 Db	44 Db	55 Db	30 Db	17 Db
NOTE: Db = DIAMETER OF REINFORCEMENT. Ld = DEVELOPMENT LENGTH						

C. TYPICAL SPLICES: CLASS B AS DEFINED IN ACI 318, UNLESS NOTED OTHERWISE

D. ADJUSTMENT FACTORS FOR STRAIGHT BARS IN TENSION
1. LIGHTWEIGHT CONCRETE = 1.3.
2. EPOXY COATED = 1.2.
3. EPOXY COATED WITH COVER LESS THAN 3DB OR CLEAR SPACING LESS THAN 6 DB = 1.5.
4. HORIZONTAL "TOP" BARS WITH 12" OF CONCRETE CAST BELOW = 1.3
5. EPOXY COATED HORIZONTAL "TOP" BARS WITH 12" OF CONCRETE CAST BELOW = NOT GREATER THAN 1.7.

E. ADJUSTMENT FACTORS FOR STRAIGHT HOOKS IN TENSION
1. LIGHTWEIGHT CONCRETE = 1.3.
2. EPOXY COATED = 1.2.

F. REINFORCING STEEL SHALL BE PROVIDED WITH THE FOLLOWING AMOUNTS OF COVER FOR CAST-IN-PLACE CONCRETE UNLESS NOTED OTHERWISE:

MINIMUM CLEAR CONCRETE COVER FOR REINFORCING STEEL	
CONCRETE ON SOIL (DIRECT CONTACT)	3"
SLAB ON GRADE	CENTERED
WALLS, STRUCTURAL SLABS EXPOSED TO SOIL OR WEATHER	
#6 TO #18 REBAR	2"
#5 AND SMALLER REBAR	1 1/2"
WALLS, STRUCTURAL SLABS NOT EXPOSED TO EARTH OR WEATHER	
#11 AND SMALLER REBAR	3/4"
COLUMNS AND PIERS (COVER TO STIRRUPS AND TIES)	1 1/2"

G. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS, AND INSERTS SHALL BE SECURED IN POSITION WITH WIRE POSITIONERS, OR EQUAL, BEFORE PLACING CONCRETE OR GROUT.

H. DOWELS BETWEEN FOOTINGS AND WALLS SHALL BE THE SAME GRADE, SIZE, AND SPACING AS VERTICAL WALL REINFORCING.

I. CONTRACTOR SHALL SUBMIT REINFORCING STEEL SHOP DRAWINGS FOR APPROVAL A MINIMUM OF 10 DAYS PRIOR TO FABRICATION AND INSTALLATION.

J. BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60. WELDING OF REINFORCING BARS SHALL CONFORM TO AWS D1.4.

CONCRETE MASONRY

A. FURNISH AND CONSTRUCT MASONRY IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMMENTARY AS REPORTED BY MSJC (TMS 402 & 602 / ACI 530 & 530.1 / ASCE 5 & 6).

MASONRY MATERIAL STRENGTHS		
LOCATIONS	TYPE	MINIMUM STRENGTH
HOLLOW CONCRETE MASONRY	NORMAL WEIGHT ASTM C90 GRADE N	f'c = 2,150 PSI
MASONRY CORE AND BOND BEAMS	CONCRETE FILL, ASTM C476	f'g = 2,000 PSI
EXTERIOR AND LOAD-BEARING WALLS, WALLS EXPOSED TO EARTH BELOW GRADE	TYPE M MORTAR, ASTM C270	fm = 2,500 PSI
LOAD-BEARING WALLS ABOVE GRADE	TYPE S MORTAR, ASTM C270	fm = 1,800 PSI
INTERIOR NON-LOAD-BEARING WALLS	TYPE N MORTAR, ASTM C270	fm = 750 PSI
STEEL DEFORMED REINFORCEMENT	ASTM A615, GRADE 60	Fy = 60,000 PSI
STEEL DEFORMED REINFORCEMENT FOR WELDING	ASTM A706	Fy = 60,000 PSI
JOINT REINFORCEMENT	LADDER TYPE, HOT-DIPPED GALVANIZED, ASTM A951/A153	Fy = 70,000 PSI
WIRE REINFORCEMENT FOR CMU	W1.7 (9 GAGE), HOT-DIPPED GALVANIZED, ASTM A82/A153	Fy = 75,000 PSI

B. CONCRETE MASONRY WALLS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF f'm = 2,000 PSI.

C. SEE PLANS FOR LOCATION OF REINFORCED WALLS.

D. MINIMUM VERTICAL REINFORCEMENT SHALL CONSIST OF (1) #4 BAR PROVIDED AT CORNERS, WITHIN 16" OF EACH SIDE OF OPENINGS, WITHIN 8" OF EACH SIDE OF MOVEMENT JOINTS, WITHIN 8" OF THE ENDS OF WALLS, AND AT A MAXIMUM SPACING OF 48" ON-CENTER, UNLESS NOTED OTHERWISE.

E. MINIMUM HORIZONTAL REINFORCEMENT SHALL BE (2) #4 BARS PROVIDED IN BOND BEAM SPACED NOT MORE THAN 48" ON-CENTER, UNLESS NOTED OTHERWISE.

F. HORIZONTAL REINFORCEMENT SHALL ALSO BE PROVIDED AT THE BOTTOM AND TOP OF WALL OPENINGS AND SHALL EXTEND NOT LESS THAN 48 BAR DIAMETERS PAST THE OPENINGS, CONTINUOUSLY AT STRUCTURALLY CONNECTED ROOF AND FLOOR LEVELS, AND WITHIN 16" OF THE TOP OF WALLS.

G. CLEAR DISTANCE BETWEEN PARALLEL REINFORCEMENT SHALL NOT BE LESS THAN 2.5 x BAR DIAMETER.

H. CONNECTION OF INTERSECTING WALLS SHALL CONSIST OF REINFORCED BOND BEAMS WITH (2) #4 HORIZONTAL REINFORCEMENT AT 48" ON-CENTER MAXIMUM, AND (1) #4 VERTICAL REINFORCEMENT WITHIN 12" OF INTERSECTING WALLS, UNLESS NOTED OTHERWISE.

I. VERTICAL STEEL SHALL BE CONTINUOUS WITH 24" LAP AT SPLICES, UNLESS NOTED OTHERWISE.

J. IN COLUMNS, PIERS, AND PILASTERS, THE CLEAR DISTANCE BETWEEN VERTICAL BARS SHALL NOT BE LESS THAN 3 BAR DIAMETERS, NOR LESS THAN 1 1/2".

K. HORIZONTAL JOINT REINFORCEMENT SHALL BE CONTINUOUS WITH 8" LAP SLICES, WHERE USED.

L. CONCRETE BLOCK WALL LINTELS:
1. EXTEND ALL LINTELS A MINIMUM OF 8" BEYOND EACH EDGE OF OPENING. WHERE LINTEL BEARS ON CONCRETE BLOCK, FILL TWO COURSES OF BLOCK MINIMUM WITH CONCRETE.
2. IF THE OPENING OCCURS NEXT TO CONCRETE WALL OR COLUMN, BOLT ANGLE TO COLUMN AND REST LINTEL ON ANGLE. OBTAIN ANGLE SIZE AND BOLT REQUIREMENTS FROM ENGINEER.
3. IF OPENING OCCURS NEXT TO STEEL COLUMN, WELD ANGLE TO COLUMN AND REST LINTEL ON ANGLE. OBTAIN ANGLE SIZE AND WELD REQUIREMENTS FROM ENGINEER.

M. WALL CONSTRUCTION SHALL NOT EXCEED HEIGHTS OF 4'-8" BEFORE PLACEMENT OF CORE GROUT UNLESS CLEANOUT HOLES ARE PROVIDED AT THE BOTTOM OF EACH GROUT LIFT, THEN A MAXIMUM HEIGHT OF 8'-0" BEFORE PLACEMENT OF CORE GROUT.

N. SEE PLANS FOR SIZE AND LOCATION OF CONDUITS, PIPES, AND SLEEVES THROUGH MASONRY WALLS.

O. FOLLOW COLD WEATHER CONSTRUCTION WHEN AMBIENT AIR TEMPERATURE IS BELOW 40° F.

P. FOLLOW HOT WEATHER CONSTRUCTION PROCEDURES WHEN AMBIENT AIR TEMPERATURE EXCEEDS 90° F WITH WIND VELOCITY GREATER THAN 8 MPH.

Q. ALL VISIBLE, NON-VISIBLE, ABOVE-GRADE AND BELOW-GRADE JOINTS SHALL BE TOOLED IN A CONCAVE CONFIGURATION UNLESS SPECIFIED OTHERWISE BY ARCHITECT.

STRUCTURAL STEEL

A. SPECIFICATIONS:
1. DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE "STEEL CONSTRUCTION MANUAL", 14TH EDITION, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, UNLESS NOTED OTHERWISE.
2. STEEL MATERIALS SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS, UNLESS NOTED OTHERWISE:

STRUCTURAL TYPE/SHAPE	ASTM DESIGNATION	MATERIAL STRENGTH
ANCHOR BOLTS	F1554 GRADE 36	Fy = 36 KSI
W-SHAPE	A992	Fy = 50 KSI
M, S, C, MC, AND L-SHAPES, PLATES AND BARS	A36	Fy = 36 KSI
STAIR STEEL PLATE	A283 GRADE C	Fy = 30 KSI
STAIR SHEET STEEL	A653 GRADE C	Fy = 36 KSI
HP-SHAPE	A572 GRADE 50	Fy = 50 KSI
PIPES	A53 GRADE B	Fy = 35 KSI
HSS RECTANGULAR	A500 GRADE B	Fy = 46 KSI
HSS ROUND	A500 GRADE B	Fy = 42 KSI
FASTENERS	A325N A325X A490N A490X	Fnv = 48 KSI, Fnt = 90 KSI Fnv = 60 KSI, Fnt = 90 KSI Fnv = 60 KSI, Fnt = 113 KSI Fnv = 75 KSI, Fnt = 113 KSI
CONNECTION NUTS	A563	
WASHERS	F436	
WELDS		
E70XX ELECTRODES	A233	FU = 70 KSI
COLD ROLLED E60XX ELECTRODES	A233	FU = 60 KSI
STUD ANCHORS	A108	FU = 65 KSI

3. TWO COPIES OF CERTIFIED MILL TEST REPORTS ON ALL ASTM MATERIALS USED IN THIS WORK SHALL BE FURNISHED TO THE ENGINEER.
4. ALL STAINLESS STEEL SHALL BE TYPE S30400/S30403 DUAL CERTIFIED OR S30403 (S304L), UNLESS NOTED OTHERWISE.
5. ALL ASTM A325 BOLTS EXPOSED TO EXTERIOR CONDITIONS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123; ASTM 490 BOLTS SHALL NOT BE GALVANIZED.
6. CLEAN ALL EXTERIOR FIELD WELDS AND MEMBERS PER SSPC-SP3 AND PRIME PAINT WITH GRAY INORGANIC ZINC TO A 3-5 MIL THICKNESS.

B. DESIGN STRESS:
1. MINIMUM BEAM CONNECTIONS SHALL NOT BE SMALLER THAN THOSE LISTED IN PART 10 OF THE AISC MANUAL.
2. UNLESS DETAILED OTHERWISE, MAKE CONNECTIONS WITH E70XX ELECTRODES OR BOLTED WITH 3/4" A325 BOLTS IN BEARING-TYPE CONNECTIONS WITH THREADS IN THE SHEAR PLANE (A325N).

C. WELDING:
1. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1 STRUCTURAL WELDING CODE.
2. WELDER CERTIFICATION PROCEDURES SHALL BE AS FOLLOWS:
   a. ALL WELDERS SHALL BE CURRENTLY CERTIFIED AND REGISTERED BY THE LOCAL OFFICIALS AND/OR THE AMERICAN WELDING SOCIETY AND, IF REQUIRED, ALL WELDERS SHALL HAVE THEIR CERTIFICATION AVAILABLE TO THE ENGINEER.
3. ALL WELD FILLER METAL SHALL BE AWS E70XX WITH A MINIMUM CHARPY V-NOTCH (CVN TOUGHNESS OF 20FT-LB AT 0 DEG F, AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MANUFACTURER CERTIFICATION, UNLESS NOTED OTHERWISE.
4. WELDS DESIGNATED AS DEMAND CRITICAL (DC) SHALL BE MADE WITH A FILLER METAL CAPABLE OF PROVIDING A MINIMUM CVN TOUGHNESS OF 20 FT-LB AT -20 DEG F AND 40 FT-LB AT A TEMPERATURE OF 70DEG F AS DETERMINED BY THE MANUFACTURER'S CERTIFICATION, AISC 341-05 APPENDIX X, OR OTHER APPROVED METHOD. WELD FILLER METALS SHALL NOT BE USED FROM PACKAGING THAT HAS BEEN PUNCTURED OR TORN, OR IF THE MANUFACTURER'S RECOMMENDATIONS FOR EXPOSURE TIME OR DRYING PROCEDURES HAVE NOT BEEN FOLLOWED.
5. ALL BUTT WELDS SHALL BE COMPLETE JOINT PENETRATION (CJP) WELDS, UNLESS NOTED OTHERWISE.
6. ALL GROOVE WELDS SHALL BE COMPLETE JOINT PENETRATION (CJP) WELDS, UNLESS NOTED OTHERWISE.
7. WELDING PROCEDURE AND SEQUENCES SHALL BE PLANNED TO MINIMIZE WELD SHRINKAGE THAT COULD RESULT IN LAMELLAR TEARING.
8. FIELD WELDING WILL BE ALLOWED ONLY WHERE SHOWN ON THE DRAWINGS.
9. EXISTING AND NEW STEEL SURFACES TO BE WELDED SHALL BE CLEANED OR PAINT, GREASE, SCALE, OR OTHER FOREIGN MATERIAL REMOVED.
10. ALL FIELD WELDS SHALL BE WIRE BRUSHED AND CLEANED, THEN TOUCHED-UP PAINTED.

D. MISCELLANEOUS METAL
1. WORK INCLUDES LINTELS, STAIRS, PANS, HANDRAILS, GUARDRAILS, POSTS, ETC.
2. FABRICATION:
   a. FABRICATE STAIRS WITH CLOSED RISERS AND TREADS OF METAL PAN CONSTRUCTION READY TO RECEIVE CONCRETE, UNLESS NOTED OR DETAILED OTHERWISE IN THE CONSTRUCTION DOCUMENTS.
   b. FORM LANDINGS WITH SHEET STEEL STOCK.
   c. FORM STRINGERS WITH STEEL PLATE OR CHANNELS.
   d. FIT AND SHOP ASSEMBLE HANDRAIL COMPONENTS WHERE POSSIBLE. GRIND EXPOSED JOINTS FLUSH AND SMOOTH.
   e. SHOP PRIME WITH TWO COATS.

E. STRUCTURAL STEEL SHOP DRAWINGS SHALL INCLUDE CALCULATIONS THAT SUMMARIZE ANY CONNECTION REVISIONS.

STEEL DECKING AND ACCESSORIES

A. QUALITY ASSURANCE AND SHOP DRAWINGS:
1. DESIGN METAL DECKING IN ACCORDANCE WITH SDI DESIGN MANUAL FOR ROOF DECKS.
2. DESIGN DECK LAYOUT, SPANS, FASTENINGS, AND JOINTS UNDER DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER.
3. SUBMIT SHOP DRAWINGS.

B. MATERIALS:
1. METAL DECK SHALL BE AS INDICATED ON THE CONSTRUCTION DOCUMENT DETAILS.
2. FASTENERS: MILD STEEL WELD WASHERS, HARDENED STEEL SELF-TAPPING SCREWS OR POWDER ACTUATED FASTENERS.
3. STEEL DECK MATERIAL SHALL CONFORM TO ASTM A653 FOR GALVANIZED DECK AND ASTM A1008 FOR PAINTED DECK.

C. INSTALLATION:
1. ERECT METAL DECKING IN ACCORDANCE WITH STEEL DECK INSTITUTE (SDI) FOR ROOF DECKS.
2. BEAR DECKING ON WOOD SUPPORT SURFACES WITH A 4" MINIMUM BEARING AND ON STEEL SUPPORTS WITH A MINIMUM OF 1-1/2" BEARING.
3. FASTEN RIBBED DECK TO STEEL SUPPORT MEMBERS AT ENDS AND INTERMEDIATE SUPPORTS WITH FUSION WELDS THROUGH WASHERS OR MECHANICAL FASTENERS AT 12 INCHES O.C. AND AT EVERY OTHER TRANSVERSE FLUTE, UNLESS NOTED OTHERWISE.
4. REINFORCE STEEL DECK OPENINGS FROM 6" TO 18" IN SIZE WITH 2"X2"X1/4" STEEL ANGLES. LARGER OPENINGS SEE DRAWINGS OR CONSULT ENGINEER.
5. UNLESS INDICATED OTHERWISE, PROVIDE 3" x 3" x 3/16" DECK SUPPORT ANGLES AROUND PERIMETER OF ROOF DECK.

COLD-FORMED STEEL - LIGHT FRAME CONSTRUCTION

A. QUALITY ASSURANCE AND SHOP DRAWINGS:
1. DESIGN COLD FORMED STEEL FRAMING ACCORDING TO AISI'S "STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS."
2. FOR COLD-FORMED METAL FRAMING INDICATED TO COMPLY WITH DESIGN LOADS, INCLUDE STRUCTURAL ANALYSIS DATA SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.
3. SHOP DRAWINGS:
   A. SHOW LAYOUT, SPACINGS, SIZES, THICKNESSES, AND TYPES OF COLD-FORMED METAL FRAMING, FABRICATION, AND FASTENING AND ANCHORAGE DETAILS, INCLUDING MECHANICAL FASTENERS.
   B. SHOW REINFORCING CHANNELS, OPENING FRAMING, SUPPLEMENTAL FRAMING, STRAPPING, BRACING, BRIDGING, SPLICES, ACCESSORIES, CONNECTION DETAILS AND ATTACHMENT TO ADJOINING WORK.

B. MATERIALS:
1. ALL MEMBERS SHALL BE COLD-FORMED FROM STRUCTURAL QUALITY SHEET STEEL MEETING THE REQUIREMENTS OF ASTM A-446 GRADE A, MINIMUM YIELD OF 33,000 PSI FOR 18 GAGE AND LIGHTER AND MEETING THE REQUIREMENTS OF ASTM A-446 GRADE D, MINIMUM YIELD OF 50,000 PSI FOR 16 GAGE AND HEAVIER.
2. ALL MEMBERS SHALL BE MARKED SO THAT SUPPLIED MATERIALS CAN BE FIELD VERIFIED.
3. ALL MEMBERS SHALL HAVE A GALVANIZED FINISH COMPLYING WITH ASTM A-535, G60 COATING.

C. CONNECTIONS:
1. WELDS: WELDING SHALL BE IN CONFORMANCE WITH AWS D 1.3 UTILIZING E60XX OR E70XX ELECTRODES. THE PROJECT ENGINEER MAY REQUEST NON-DESTRUCTIVE TEST TO VERIFY PROPER WELDS.
2. SCREWS: SELF-DRILLING AND SELF-TAPPING, CADMIUM PLATED FOR ALL EXTERIOR USES, OF THE SIZE REQUIRED FOR LOADINGS.
3. POWER DRIVEN SHOTS: SIZE AND SPACING AS REQUIRED TO PROPERLY ANCHOR THE FRAMING MEMBERS. USE CHARGE AS APPROPRIATE FOR ACTUAL USE.
4. CRIMPING AND POP-RIVETING: USE ONLY WITH THE APPROVAL OF THE ENGINEER.
5. WIRE TYING: NOT PERMITTED.

D. LIGHT GAUGE STEEL FRAMING MEMBER DESIGNATION SYSTEM:

600S162-54 (EQUIVALENT TO 6" x 16 GAUGE STUD OR JOIST WITH 1 5/8" FLANGES)

MINIMUM BASE METAL THICKNESS IN MILS. EXAMPLE - .054 = 54 MILS)
18 = 25 GAUGE | 43 = 18 GAUGE
27 = 22 GAUGE | 54 = 16 GAUGE
30 = 20 GAUGE (DRYWALL) | 68 = 14 GAUGE
33 = 20 GAUGE (STRUCTURAL) | 97 = 12 GAUGE

FLANGE WIDTH (1/100 INCHES): EXAMPLE - 162 = 1.625"

STYLE: S = STUD OR JOIST SECTION (WITH FLANGE STIFFENERS) =
T = TRACK SECTION =
U = CHANNEL SECTION (STUDS WITHOUT FLANGE STIFFENERS) =
F = FURRING CHANNEL =
Z = ZEE SECTION =

MEMBER DEPTH (1/100 INCHES): EXAMPLE - 600 = 6"

ISG

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

STRUCTURAL NOTES

SHEET

S1-00

REFERENCE SCALE 1" = 1"
0 1/4" 1/2" 1" 2"

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SPECIAL INSPECTIONS

1. SPECIAL INSPECTION PROGRAM SHALL CONFORM TO CHAPTER 17 OF THE IBC.
2. THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR TO PERFORM THE REQUIRED TESTS AND SPECIAL INSPECTIONS WITH QUALIFICATIONS DESCRIBED PER IBC CHAPTER 17 AND THE PROJECT SPECIFICATIONS.
3. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING INSPECTIONS AND TESTS. SUFFICIENT NOTICE AND LEAD TIME MUST BE ALLOWED FOR THE INSPECTION AND TESTING TO BE PERFORMED WITHOUT IMPEDING CONSTRUCTION OPERATIONS.
4. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL, OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND CONTRACTOR.
5. WHEN DEFICIENCIES ARE IDENTIFIED, THE CONTRACTOR MUST TAKE CORRECTIVE ACTIONS TO COMPLY WITH THE CONTRACT DOCUMENTS OR REMEDY THE DEFICIENCIES AS DIRECTED BY THE REGISTERED DESIGN PROFESSIONAL.
6. THE SPECIAL INSPECTION AND QUALITY ASSURANCE PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITY TO PERFORM QUALITY CONTROL.
7. THE CONTRACTOR IS RESPONSIBLE FOR TESTING SERVICES THAT ARE REQUIRED FOR MATERIAL SUBMITTALS AND THAT ARE NOT PART OF THE SPECIAL INSPECTION PROGRAM (E.G. AGGREGATE TESTS, CONCRETE MIX DESIGNS, TESTING OF CONTROLLED FILL MATERIALS, ETC.).
8. SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT STATING THAT THE STRUCTURAL WORK WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

FABRICATED ITEMS (IBC 1704.2)

SPECIAL INSPECTION TYPE: FABRICATOR APPROVAL
SPECIAL INSPECTION IS NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM WORK WITHOUT SPECIAL INSPECTION PROVIDED THE FABRICATOR COMPLIES WITH IBC.

STRUCTURAL STEEL (IBC 1705.2)

SPECIAL INSPECTION TYPE	FREQUENCY
FABRICATOR CERTIFICATION/QUALITY CONTROL PROCEDURES: REVIEW SHOP FABRICATION AND QUALITY CONTROL PROCEDURES.	FABRICATOR EXEMPT
AISC CERTIFICATION (TYPE BU) OF STEEL FABRICATOR REQUIRED	
MATERIAL VERIFICATION OF STRUCTURAL STEEL. REVIEW CERTIFIED MILL TEST REPORTS AND IDENTIFICATION MARKING ON WIDE FLANGE SHAPES, HIGH STRENGTH BOLTS, NUTS AND WELDING ELECTRODES.	PERIODIC
SHOP AND FIELD WELDING: WELDING INSPECTION TO BE IN COMPLIANCE WITH AWS D1.1. ALL WELDS SHALL BE VISUALLY INSPECTED. ALL MATERIALS, WELDING PROCEDURES, AND QUALIFICATIONS OF WELDERS SHALL BE VERIFIED PRIOR TO THE START OF WORK.	
SINGLE PASS FIELD WELD LESS THAN OR EQUAL TO 5/16"	PERIODIC
FIELD WELDS GREATER THAN 5/16"	CONTINUOUS
MULTI-PASS FILLET WELDS	CONTINUOUS
PARTIAL/COMPLETE PENETRATION WELDS TESTED ULTRASONICALLY OR BY ANOTHER APPROVED METHOD	CONTINUOUS
LIGHT GAUGE METAL FRAMING WELDING	PERIODIC
FLOOR AND ROOF DECK WELDING	PERIODIC
INSPECT MECHANICAL FASTENERS AT FLOOR AND ROOF DECK. INSPECT FLOOR AND ROOF DECK SIDE SEAM CONNECTIONS AND/OR BUTTON PUNCHES.	PERIODIC
INSPECT INSTALLATION AND TIGHTENING OF HIGH-STRENGTH BOLTS. VERIFY THAT SPLINES HAVE SEPARATED FROM TENSION CONTROL BOLTS. VERIFY PROPER TIGHTENING SEQUENCE. (NOTE THAT CONTINUOUS INSPECTION OF BOLTS IN SLIP-CRITICAL CONNECTIONS IS REQUIRED UNLESS USING TURN-OF-THE-NUT METHOD WITH MATCH MARKING TECHNIQUES)	PERIODIC
INSPECT SIZE, NUMBER, POSITIONING AND WELDING OF SHEAR CONNECTORS. INSPECT STUDS FOR FULL 360 DEGREE FLASH. RING TEST ALL SHEAR CONNECTORS WITH A 3 LB. HAMMER. BEND TEST ALL QUESTIONABLE STUDS TO 15 DEGREES.	PERIODIC
INSPECT STEEL FRAME FOR COMPLIANCE WITH STRUCTURAL DRAWINGS, INCLUDING BRACING, MEMBER CONFIGURATION, AND CONNECTION DETAILS.	PERIODIC

CAST-IN-PLACE CONCRETE (IBC 1705.3)

SPECIAL INSPECTION TYPE	FREQUENCY
INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	PERIODIC
REINFORCING BAR WELDING:	
VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	PERIODIC
INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16".	PERIODIC
INSPECT ALL OTHER WELDS.	CONTINUOUS
INSPECT ANCHORS CAST IN CONCRETE.	PERIODIC
INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.	
ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	CONTINUOUS
MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED ABOVE.	PERIODIC
VERIFY USE OF REQUIRED DESIGN MIX.	PERIODIC
INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONTINUOUS
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC
FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE. SAMPLE FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 150 CUBIC YARDS OF CONCRETE. NOR LESS THAN ONCE FOR EACH 5,000 SQUARE FEET OF SURFACE AREA FOR SLABS OR WALLS. A MINIMUM OF FIVE STRENGTH TESTS SHOULD BE MADE FOR A GIVEN PROJECT.	CONTINUOUS AT TIME OF TESTING

SOILS (IBC 1705.6)

SPECIAL INSPECTION TYPE	FREQUENCY
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	PERIODIC
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	PERIODIC
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	PERIODIC
VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	CONTINUOUS
PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	PERIODIC

SPECIAL INSPECTIONS FOR WIND RESISTANCE (IBC 1705.11)

SPECIAL INSPECTION TYPE	FREQUENCY
WIND-RESISTING COMPONENTS:	
INSPECT FASTENING OF THE ROOF COVERING, ROOF DECK, AND ROOF FRAMING CONNECTIONS.	PERIODIC
INSPECT FASTENING OF THE EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING.	PERIODIC

SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (IBC 1705.12)

SPECIAL INSPECTION TYPE	FREQUENCY
STRUCTURAL STEEL:	
SEISMIC FORCE RESISTING SYSTEM: INSPECTION OF STRUCTURAL STEEL IN THE SEISMIC FORCE RESISTING SYSTEM ASSIGNED TO SEISMIC DESIGN CATEGORY B,C,D,E OR F PERFORMED IN ACCORDANCE WITH QUALITY ASSURANCE REQUIREMENTS OF AISC 341.	PER AISC 341
STRUCTURAL STEEL ELEMENTS: INSPECTION OF STRUCTURAL STEEL IN THE SEISMIC FORCE RESISTING SYSTEM ASSIGNED TO SEISMIC DESIGN CATEGORY B,C,D,E OR F, INCLUDING STRUTS, COLLECTORS, CHORDS, AND FOUNDATION ELEMENTS, PERFORMED IN ACCORDANCE WITH QUALITY ASSURANCE REQUIREMENTS OF AISC 341.	PER AISC 341
DESIGNATED SEISMIC SYSTEMS:	
FOR STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C,D,E,OR F, EXAMINATION OF DESIGNATED SEISMIC SYSTEMS REQUIRING SEISMIC QUALIFICATION IN ACCORDANCE WITH ASCE 7 AND VERIFY THAT THE LABEL, ANCHORAGE, AND MOUNTING CONFORM TO THE CERTIFICATE OF COMPLIANCE.	PERIODIC
PLUMBING, MECHANICAL, AND ELECTRICAL COMPONENTS:	
INSPECT ANCHORAGE OF ELECTRICAL EQUIPMENT FOR EMERGENCY AND STANDBY POWER SYSTEMS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D,E,OR F.	PERIODIC
INSPECT ANCHORAGE OF OTHER ELECTRICAL EQUIPMENT IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY E OR F.	PERIODIC
INSPECT INSTALLATION AND ANCHORAGE OF PIPING SYSTEMS DESIGNED TO CARRY HAZARDOUS MATERIALS AND THEIR ASSOCIATED MECHANICAL UNITS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F.	PERIODIC
INSPECT INSTALLATION AND ANCHORAGE OF DUCTWORK DESIGNED TO CARRY HAZARDOUS MATERIALS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F.	PERIODIC
INSPECT INSTALLATION AND ANCHORAGE OF VIBRATION ISOLATION SYSTEMS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F WHERE THE APPROVED CONSTRUCTION DOCUMENTS REQUIRE A NOMINAL CLEARANCE OF 1/4 INCH OR LESS BETWEEN THE EQUIPMENT SUPPORT FRAME AND RESTRAINT.	PERIODIC
SEISMIC ISOLATION SYSTEMS:	
INSPECT SEISMIC ISOLATION SYSTEMS IN SEISMICALLY ISOLATED STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY B,C,D,E,OR F DURING THE FABRICATION AND INSTALLATION OF ISOLATOR UNITS AND ENERGY DISSIPATION DEVICES.	PERIODIC

SPRAYED FIRE-RESISTANT MATERIALS (IBC 1705.14)

SPECIAL INSPECTION TYPE	FREQUENCY
LABORATORY TESTED FIRE RESISTANCE DESIGN: REVIEW UL FIRE RESISTIVE DESIGN EACH RATED BEAM, COLUMN, OR ASSEMBLY.	PERIODIC
SCHEDULE OF THICKNESS: REVIEW APPROVED THICKNESS SCHEDULE.	PERIODIC
SURFACE PREPARATION: INSPECT SURFACE PREPARATION OF STEEL PRIOR TO APPLICATION OF FIREPROOFING.	PERIODIC
APPLICATION: INSPECT APPLICATION OF FIREPROOFING.	PERIODIC
CURING AND AMBIENT CONDITION: VERIFY AMBIENT AIR TEMPERATURE AND VENTILATION IS SUITABLE FOR APPLICATION AND CURING OF FIREPROOFING	PERIODIC
THICKNESS: TEST THICKNESS OF FIREPROOFING (ASTM E605). PERFORM A SET OF THICKNESS MEASUREMENTS FOR EVERY 1,000 SF OF FLOOR AND ROOF ASSEMBLIES AND ON NOT LESS THAN 25% OF RATED BEAMS AND COLUMNS.	PERIODIC
DENSITY: TEST THE DENSITY OF FIREPROOFING MATERIAL (ASTM E605)	PERIODIC
BOND STRENGTH: TEST THE COHESIVE/ADHESIVE BOND STRENGTH OF FIREPROOFING (ASTM E736). PERFORM NOT LESS THAN ONE TEST FOR EACH 10,000 SF.	PERIODIC

MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS (IBC 1705.15)

SPECIAL INSPECTION TYPE	FREQUENCY
INSPECTION AND TESTS FOR MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS APPLIED TO STRUCTURAL ELEMENTS AND DECKS PERFORMED IN ACCORDANCE WITH AWCI 12-B.	PERIODIC

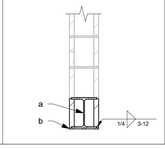
FIRE RESISTANT PENETRATIONS AND JOINTS (IBC 1705.17)

SPECIAL INSPECTION TYPE	FREQUENCY
PENETRATION FIRESTOPS IN BUILDINGS ASSIGNED TO RISK CATEGORY III OR IV, INSPECT PENETRATION FIRESTOP SYSTEMS THAT ARE TESTED IN ACCORDANCE WITH ASTM E2174.	PERIODIC
FIRE RESISTANT JOINT SYSTEMS IN BUILDINGS ASSIGNED TO RISK CATEGORY III OR IV, INSPECT FIRE RESISTANT JOINT SYSTEMS THAT ARE TESTED IN ACCORDANCE WITH ASTM E2393.	PERIODIC

SMOKE CONTROL SYSTEMS (IBC 1705.18)

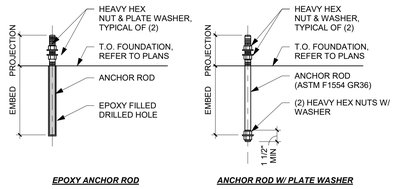
SPECIAL INSPECTION TYPE	FREQUENCY
TESTING FOR SMOKE CONTROL. THE TEST SCOPE SHALL BE AS FOLLOWS: DURING ERECTION OF DUCTWORK AND PRIOR TO CONCEALMENT FOR THE PURPOSES OF LEAKAGE TESTING AND RECORDING OF DEVICE LOCATION.	PERIODIC
PRIOR TO OCCUPANCY AND AFTER SUFFICIENT COMPLETION FOR THE PURPOSES OF PRESSURE DIFFERENCE TESTING, FLOW MEASUREMENTS, AND DETECTION AND CONTROL VERIFICATION.	PERIODIC

LINTEL SCHEDULE

TYPE	MATERIAL	CONFIGURATION	REMARKS
L1	a. W8x28 b. PL1/4"x0'-7 5/8"		• EXTEND STEEL LINTEL MIN 8" BEYOND OPENING EACH END

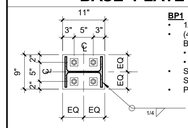
NOTES:

1. MINIMUM BEARING FOR ALL LINTELS SHALL BE 8" EACH END UNLESS OTHERWISE NOTED.
2. CMU WALLS SHALL BE GROUTED SOLID THREE COURSES BELOW LINTEL BEARING POINT AS MINIMUM.
3. REFER TO ARCHITECTURAL & MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF WALL OPENINGS.
4. GALVANIZE ALL STEEL LINTELS AT EXTERIOR WALLS.
5. FOR MASONRY LINTELS GROUT ALL CORES SOLID, CONTINUE VERTICAL WALL REINFORCEMENTS (AND SPACING) AT ALL LINTELS.
6. SOLID MASONRY " BOND BEAM" LINTELS AND ITS GROUTED COURSES SHALL NOT BE PENETRATED UNLESS APPROVED BY ENGINEER.
7. BRICK SHALL NOT OVERHANG THE EDGE OF LINTELS GREATER THAN 1/3 THE WIDTH OF BRICK (1 3/16" FOR STANDARD 3 5/8" WIDTH BRICK.)
8. FOR LINTELS REQUIRED AT OPENINGS DIFFERENT THAN ABOVE, CONTACT STRUCTURAL ENGINEER.
9. FOR ALL LINTELS IN EXISTING WALLS, REMOVE EXISTING CMU/BRICK AS REQUIRED FOR LINTEL INSTALLATION. SHORE EXISTING CMU/BRICK PATCH CMU/BRICK AS REQUIRED.

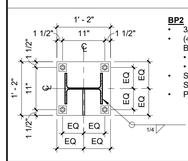


1 ANCHOR BOLT DETAILS
NOT TO SCALE

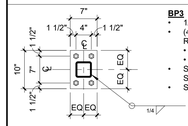
BASE PLATE LEGEND



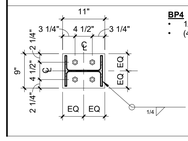
BP1
- 1/2" STEEL BASE PLATE
- (4) 3/4" DIA ASTM F1554 ANCHOR BOLTS WITH NUT
  - 9" EMBED
  - 4" PROJECTION
- SET BASEPLATE ON 1 1/2" NON-SHRINK GROUT
- PL1/4x2x2 PLATE WASHERS



BP2
- 3/4" STEEL BASE PLATE
- (4) 3/4" DIA ASTM F1554 ANCHOR BOLTS WITH NUT
  - 9" EMBED
  - 4" PROJECTION
- SET BASEPLATE ON 1 1/2" NON-SHRINK GROUT
- PL1/4x2x2 PLATE WASHERS



BP3
- 1/2" STEEL BASE PLATE
- (4) 3/4" DIA THREADED ANCHOR RODS WITH NUTS
  - 9" EMBED
  - 4" PROJECTION
- SET BASEPLATE ON 1 1/2" NON-SHRINK GROUT
- SET IN HILTI HY-200 EPOXY



BP4
- 1/2" STEEL BASE PLATE
- (4) 3/4" DIA BOLTS

FOOTING SCHEDULE

MARK	LENGTH	WIDTH	THICKNESS	REINFORCEMENT	COMMENTS
F1	2' - 8"	2' - 8"	1' - 0"	(4) #5 BARS EACH WAY TOP AND BOTTOM	
F2	3' - 0"	3' - 0"	1' - 0"	(4) #5 BARS EACH WAY, TOP AND BOTTOM	
F3	4' - 6"	2' - 8"	1' - 0"	(4) #5 BARS LONG AND (6) #5 BARS SHORT	
F4	4' - 6"	3' - 0"	1' - 0"	(4) #5 BARS LONG AND (6) #5 BARS SHORT	
F5	3' - 4"	2' - 8"	1' - 0"	(4) #5 BARS EACH WAY, TOP AND BOTTOM	
F6	5' - 6"	3' - 0"	1' - 0"	(4) #5 BARS LONG AND (7) #5 BARS SHORT	
F7	3' - 0"	3' - 7"	1' - 0"	(4) #5 BARS EACH WAY TOP AND BOTTOM	
WF1		15' - 4"	1' - 8"	#6 BARS @ 12" OC LONG DIRECTION (TOP AND BOTTOM) AND #6 BARS @ 8" OC TRANSVERSE (TOP AND BOTTOM)	
WF2		9' - 0"	1' - 6"	#6 BARS @ 12" OC LONG DIRECTION (TOP AND BOTTOM) AND #6 BARS @ 12" OC TRANSVERSE (TOP AND BOTTOM)	
WF3		6' - 0"	1' - 4"	#5 BARS @ 12" OC LONG DIRECTION (TOP AND BOTTOM) AND #6 BARS @ 12" OC TRANSVERSE (TOP AND BOTTOM)	
WF4		3' - 6"	1' - 2"	#5 BARS @ 12" OC LONG DIRECTION (TOP AND BOTTOM) AND #5 BARS @ 12" OC TRANSVERSE (TOP AND BOTTOM)	
WF5		2' - 0"	1' - 0"	(2) #5 BARS CONTINUOUS	
WF6		2' - 8"	1' - 0"	(3) #5 BARS CONT. AND #5 TRANS BARS @ 12" OC	
WF7		2' - 0"	2' - 0"	(4) #5 BARS CONTINUOUS	

FOUNDATION WALL SCHEDULE

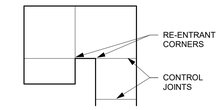
MARK	WIDTH	REINFORCEMENT	COMMENTS
FDN1	0' - 8"	#5 BARS @ 16" OC VERTICAL AND #5 BARS @ 12" OC HORIZONTAL	PROVIDE MATCHING DOWEL W/ 90 DEGREE HOOK INTO BOTTOM OF FOOTING AND #5 BENT DOWEL AT TOP MATCHING VERTICAL BAR SPACING
FDN2	1' - 4"	#5 BARS @ 12" OC HORIZONTAL EACH FACE AND #6 BARS @ 12" OC VERTICAL EACH FACE	PROVIDE MATCHING DOWEL W/ 90 DEGREE HOOK INTO BOTTOM OF FOOTING
FDN3	1' - 0"	#5 BARS @ 12" OC HORIZONTAL EACH FACE. #8 BARS @ 12" OC VERTICAL BACKFILL SIDE OF WALL AND #6 BARS @ 12" OC VERTICAL FRONT SIDE OF WALL	PROVIDE MATCHING DOWEL W/ 90 DEGREE HOOK INTO BOTTOM OF FOOTING
FDN4	1' - 0"	#5 BARS @ 12" OC EACH WAY, EACH FACE	PROVIDE MATCHING DOWEL W/ 90 DEGREE HOOK INTO BOTTOM OF FOOTING
FDN5	0' - 8"	#5 BARS @ 16" OC VERTICAL AND #5 BARS @ 12" OC HORIZONTAL	SET VERTS IN EPOXY FILLED DRILLED HOLES (MIN 6" EMBED) AND #5 BENT DOWEL AT TOP MATCHING VERTICAL BAR SPACING

COLUMN SCHEDULE

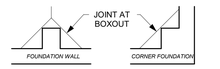
MARK	TYPE	DESCRIPTION
C1	W10x33	
C2	HSS4X4X1/4	
C3	W8X18	
C4	HSS5x5x1/4	
C8x13.75 JAMB	C8x13.75 JAMB	

CONTROL JOINT PLACEMENT GUIDELINES

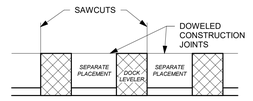
1. SPACE JOINTS (IN FEET) NO MORE THAN 2-3 TIMES THE SLAB THICKNESS (IN INCHES). FOR EXAMPLE, A 4" SLAB SHOULD HAVE JOINTS 8' TO 12' APART.
2. CUT JOINTS 25% OF THE DEPTH OF SLAB, MIN.
3. CUT JOINTS USING GROOVING TOOLS IN FRESH CONCRETE OR SAW CUTTING JOINTS AS SOON AS THE CONCRETE IS HARD ENOUGH THAT THE EDGES ABUTTING THE CUT DON'T CHIP FROM THE SAW BLADE.
4. IN HOT WEATHER, CONCRETE MIGHT CRACK IF JOINTS ARE NOT CUT WITHIN 6-12 HOURS AFTER FINISHING CONCRETE. PLAN ALTERNATE JOINT CUTTING EQUIPMENT ACCORDINGLY.
5. WHERE POSSIBLE, PLACE JOINTS UNDER PROPOSED NON-LOAD-BEARING WALL LOCATIONS OR UNDER CARPET AREAS.
6. MINIMIZE RE-ENTRANT CORNERS AND AVOID WHERE POSSIBLE.



EXAMPLE CONTROL JOINT PLAN



EXAMPLE PILASTER JOINT PLAN



EXAMPLE MULTIPLE DOCK LEVELER JOINT PLAN

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PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

SPECIAL INSPECTIONS AND STRUCTURAL SCHEDULES

SHEET

S1-05

REFERENCE SCALE 1" = 1'
0 1/4" 1/2" 1" 2"

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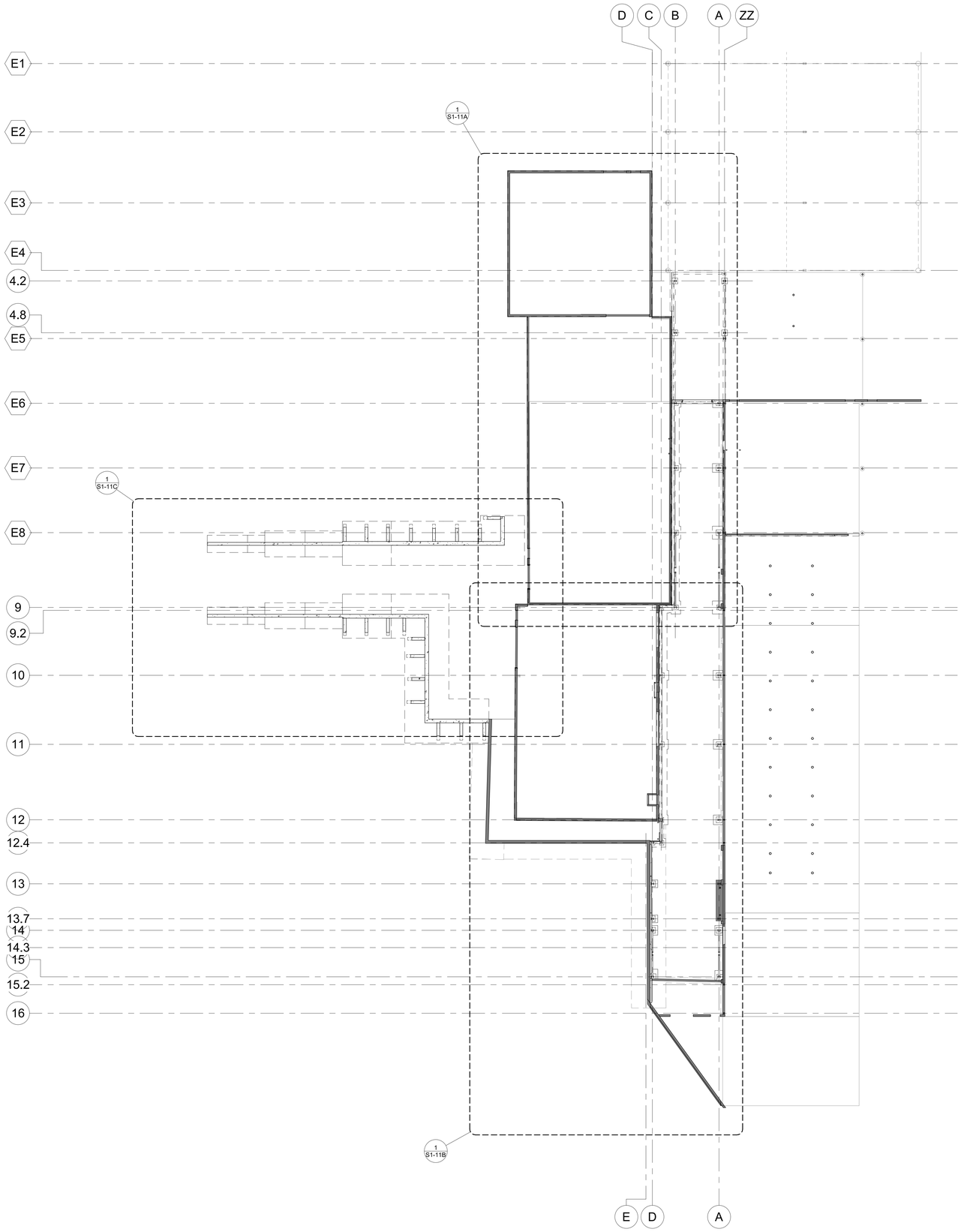

1 FOUNDATION PLAN - OVERALL
1/16" = 1'-0"

N

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1"

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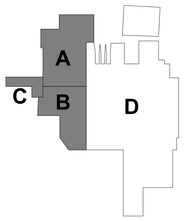
GEORGIA
REGISTERED
No. 034852
Professional
ENGINEER
JASON E. HOEHN



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

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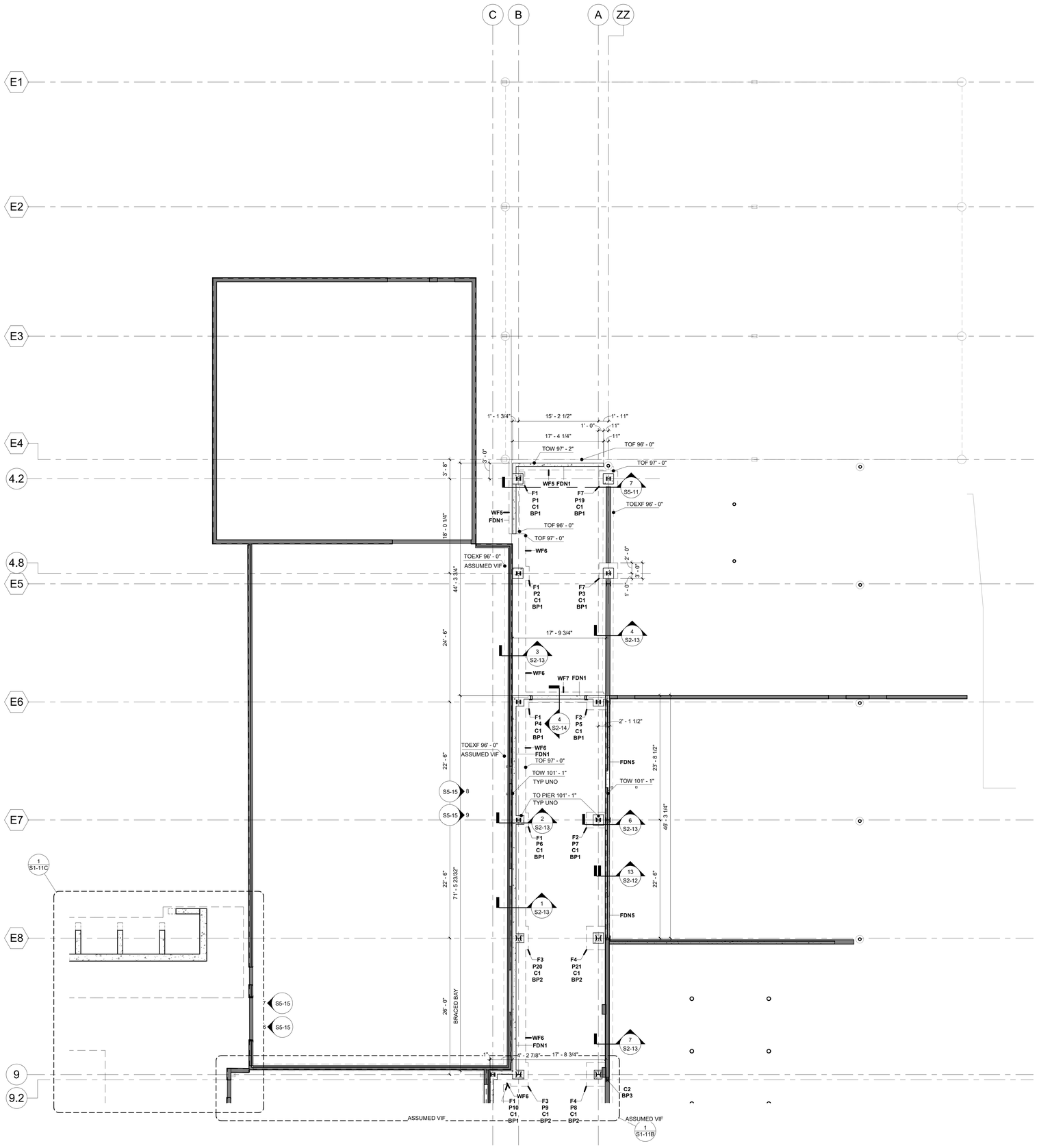
FOUNDATION PLAN - OVERALL

SHEET

S1-11

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.



1 FOUNDATION PLAN - AREA A
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1" 2"

1/31/2023 3:34:14 PM

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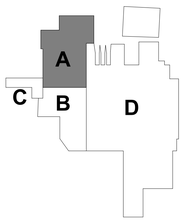

KEYPLAN

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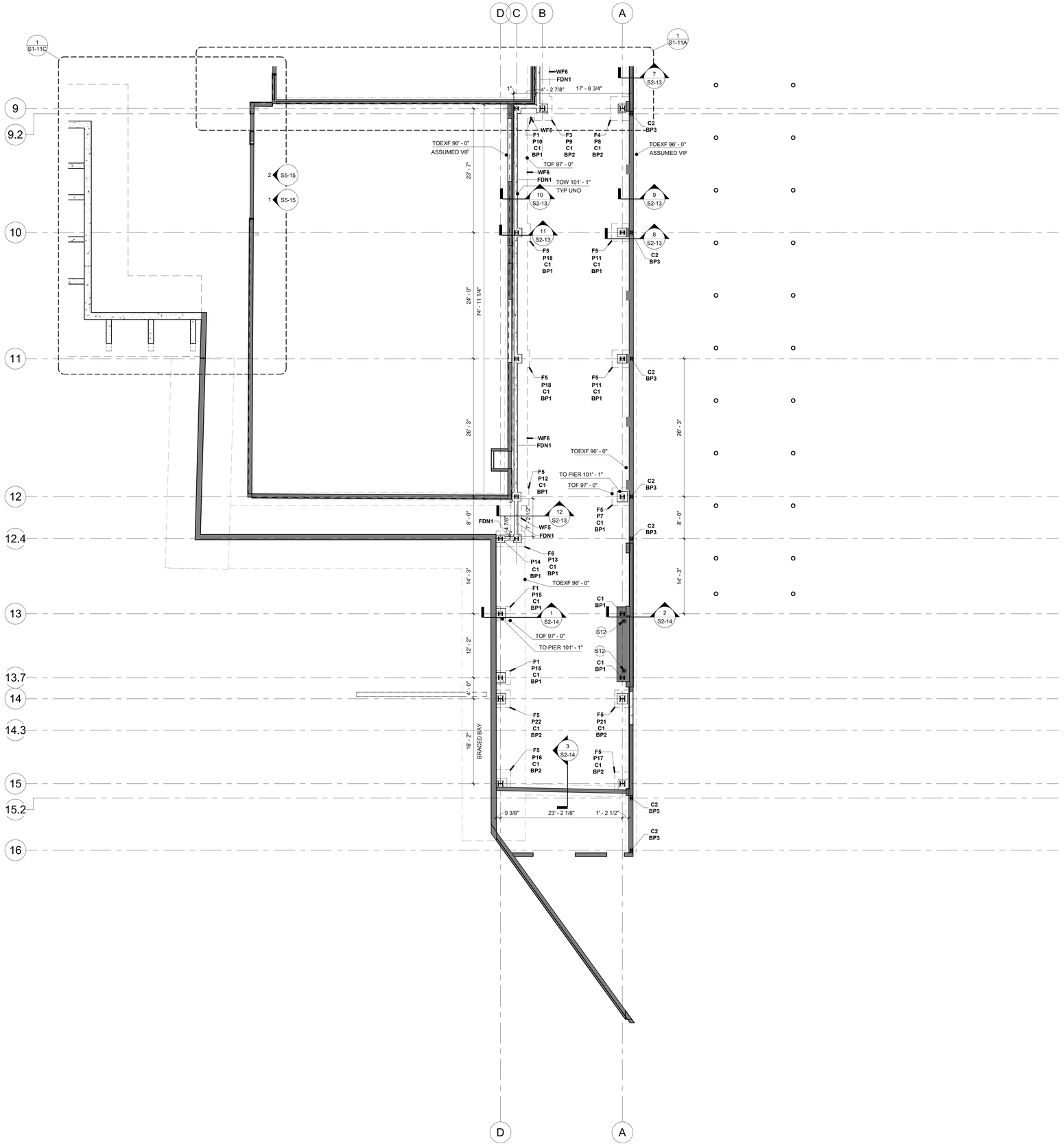
FOUNDATION PLAN - AREA A

SHEET

S1-11A



1 FOUNDATION PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.

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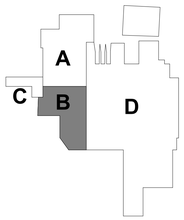

KEYPLAN

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FOUNDATION PLAN - AREA B

SHEET

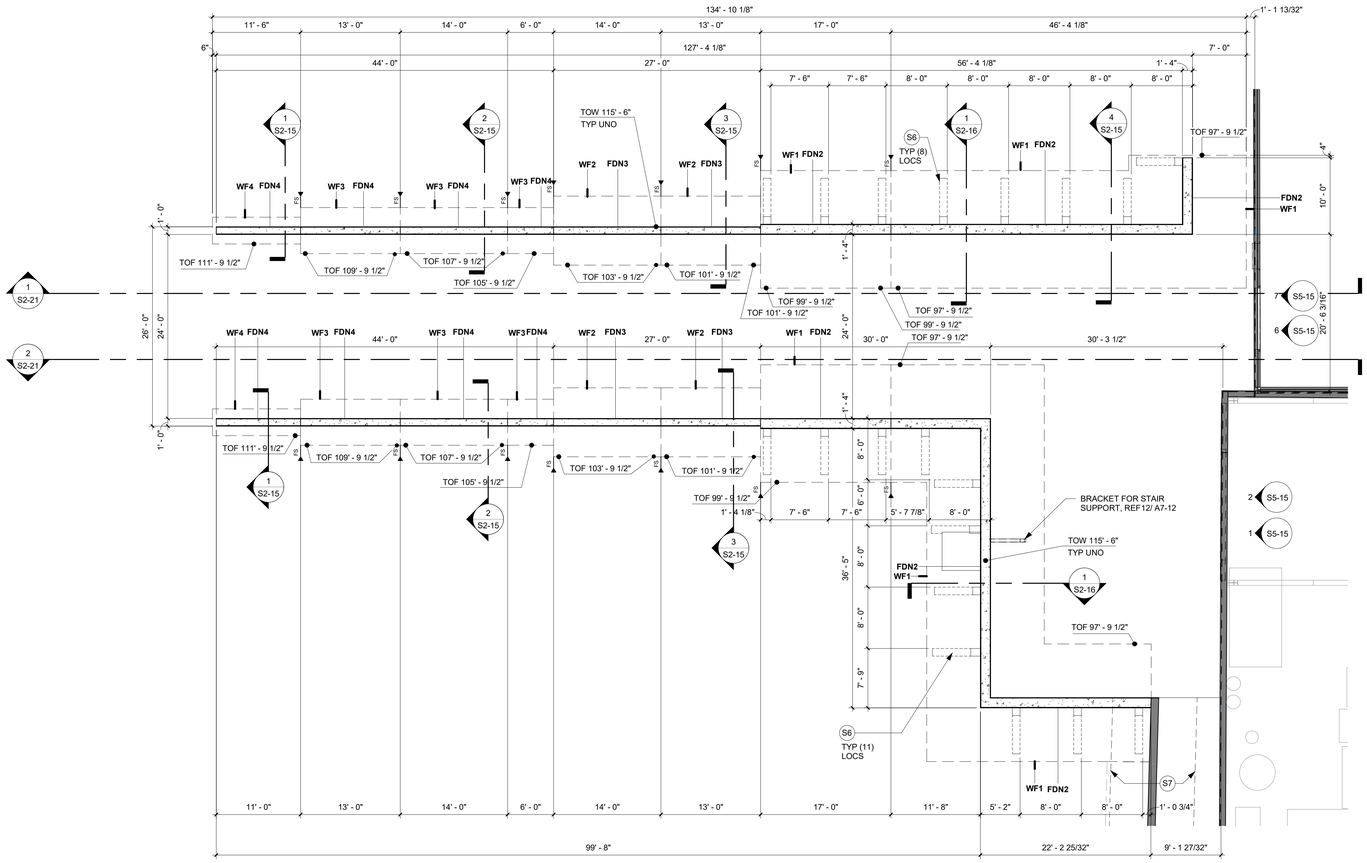
S1-11B

SHEET NOTES

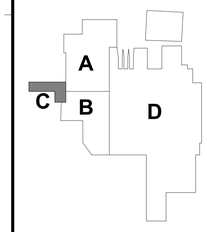
A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.

KEYNOTE LEGEND

S6	FULL HEIGHT COUNTERFORT. REFER TO DETAIL FOR REINFORCING INFORMATION.
S7	APPROXIMATE LOCATION OF EXISTING RETAINING WALL FOOTING. FIELD VERIFY LOCATOIN AND EXTENTS.



1 3.00A FOUNDATION PLAN - AREA C
1/8" = 1'-0"



KEYPLAN

PROJECT

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FOUNDATION PLAN - AREA C

SHEET

S1-11C

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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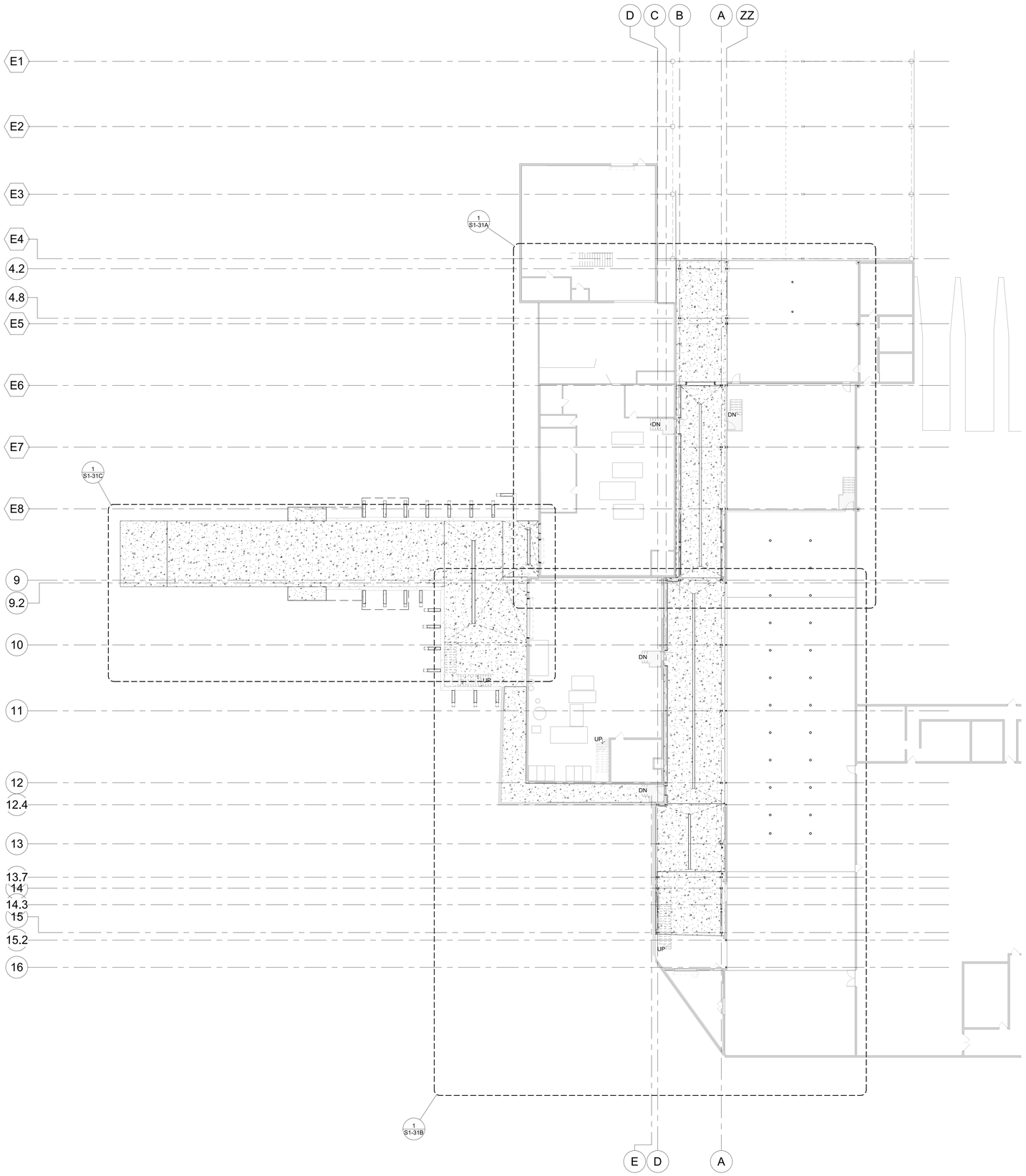
SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. REFER TO FOUNDATION DETAILS FOR TYPICAL CONSTRUCTION JOINT AND CONTROL JOINT DETAILS.



1 SLAB PLAN - OVERALL
1/16" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:21 PM

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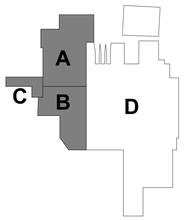

KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

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SLAB PLAN - OVERALL

SHEET

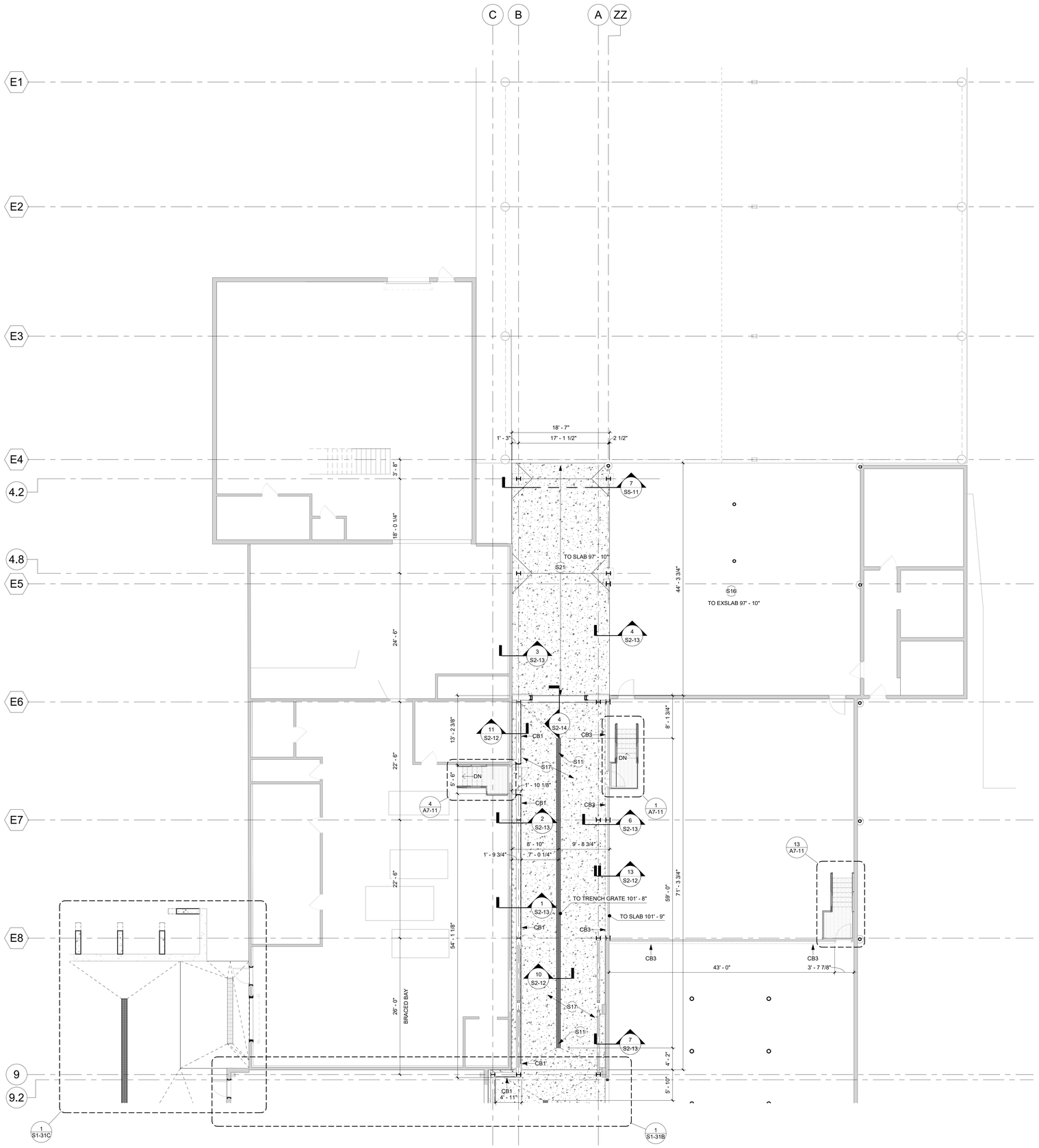
S1-31

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. REFER TO FOUNDATION DETAILS FOR TYPICAL CONSTRUCTION JOINT AND CONTROL JOINT DETAILS.

KEYNOTE LEGEND

S11	12" WIDE FIBERGLASS TRENCH GRATE. REFER TO TRENCH SECTION.
S16	EXISTING CONCRETE SLAB TO REMAIN.
S17	6" CONCRETE SLAB. REINFORCE WITH #4 BARS @ 16" OC EACH WAY, CENTERED IN SLAB.
S21	8" CONCRETE SLAB. REINFORCE WITH #4 BARS @ 12" OC EACH WAY, CENTERED IN SLAB.



1 SLAB PLAN - AREA A
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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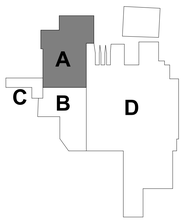

KEYPLAN

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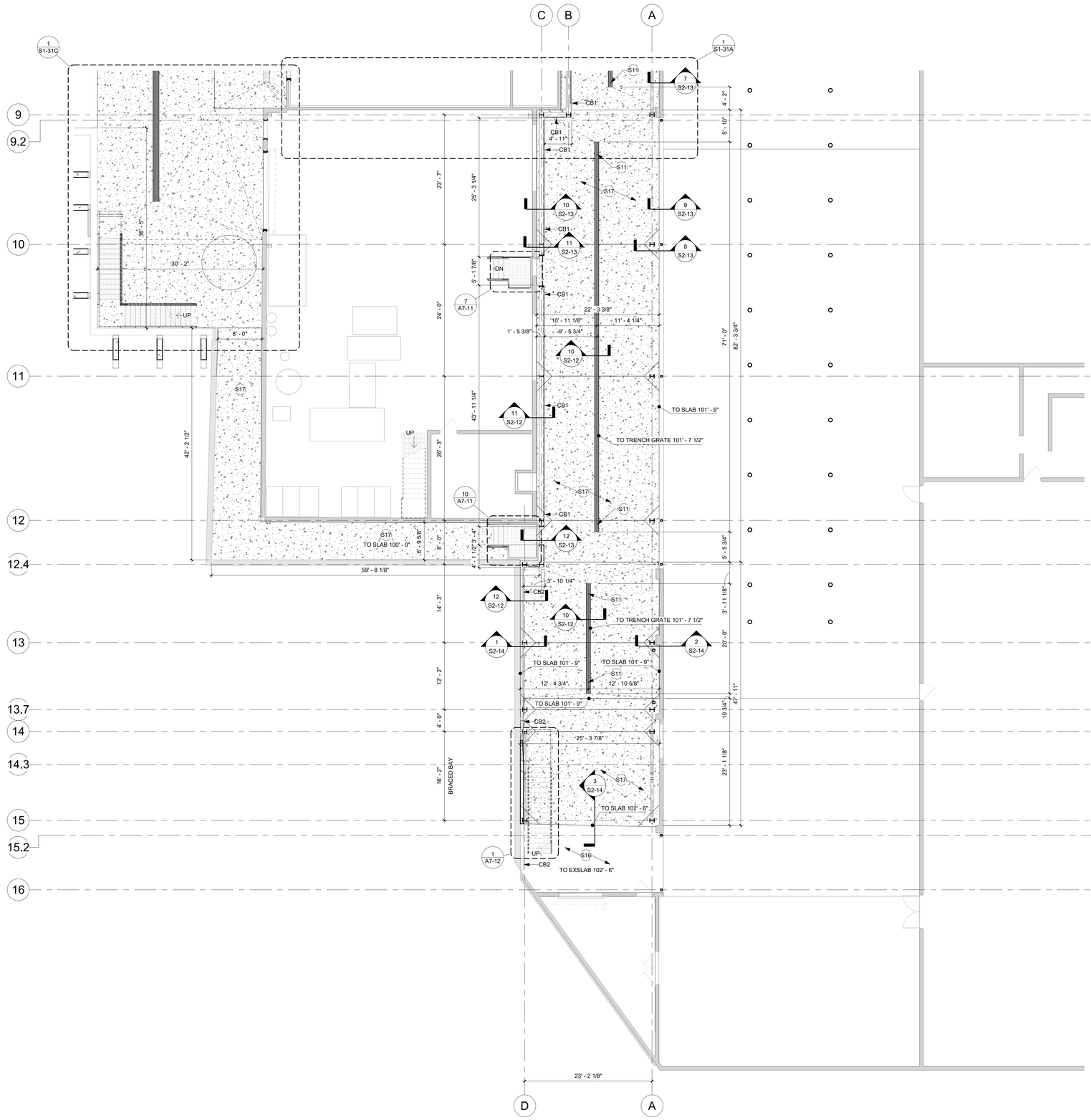
SLAB PLAN - AREA A

SHEET

S1-31A



1 SLAB PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:26 PM

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. REFER TO FOUNDATION DETAILS FOR TYPICAL CONSTRUCTION JOINT AND CONTROL JOINT DETAILS.

KEYNOTE LEGEND

S11	12" WIDE FIBERGLASS TRENCH GRATE. REFER TO TRENCH SECTION.
S16	EXISTING CONCRETE SLAB TO REMAIN.
S17	6" CONCRETE SLAB. REINFORCE WITH #4 BARS @ 16" OC EACH WAY, CENTERED IN SLAB.

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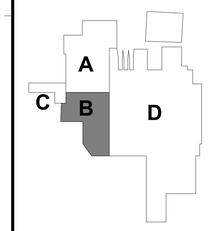

KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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SLAB PLAN - AREA B

SHEET

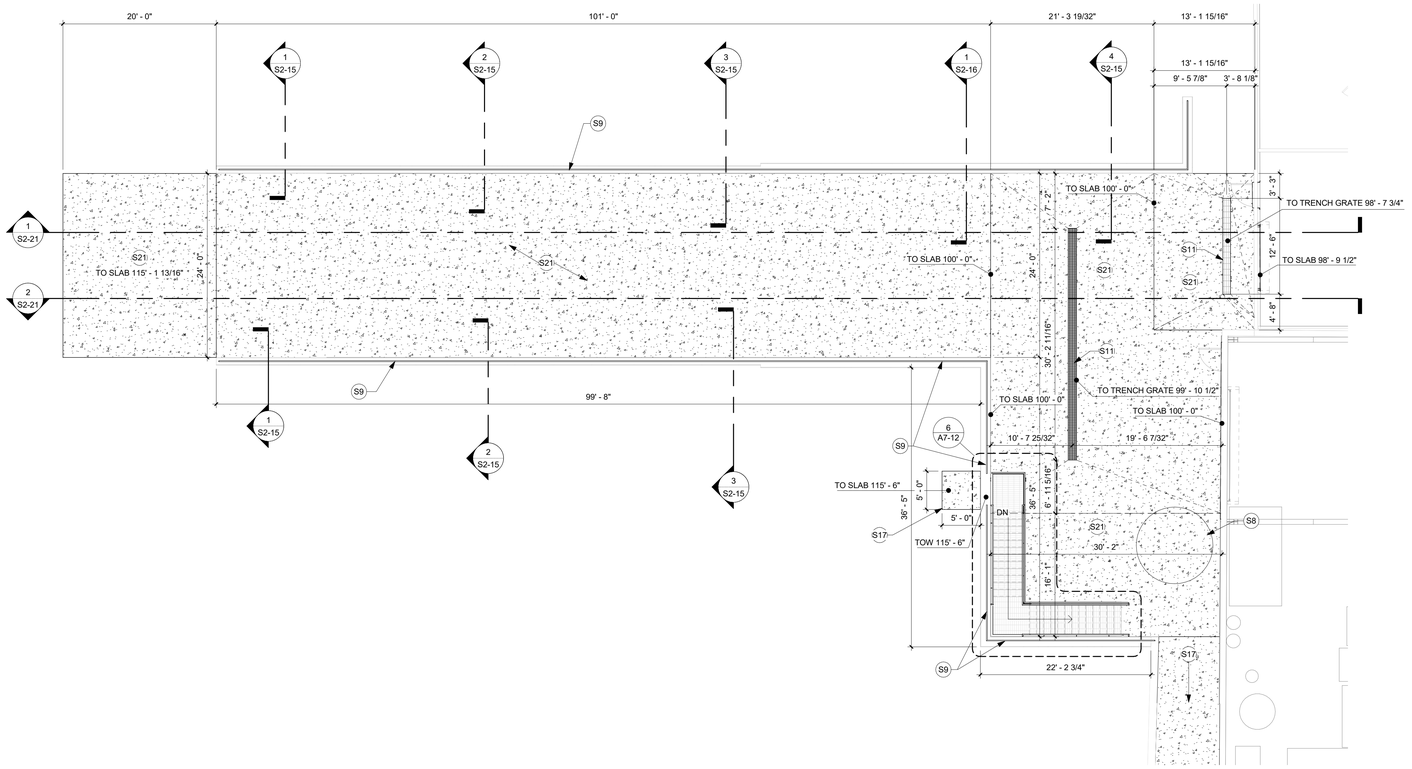
S1-31B

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. REFER TO FOUNDATION DETAILS FOR TYPICAL CONSTRUCTION JOINT AND CONTROL JOINT DETAILS.

KEYNOTE LEGEND

S8	STORAGE TANK. VERIFY LOCATION WITH OWNER.
S9	GUARDRAIL AT TOP OF WALL. 1 1/2" DIA SCHEDULE 80 VERTICALS AT 5'-0" OC MAX WITH (2) 1 1/2" DIA SCHEDULE 40 HORIZONTALS ((1) @ 42" ABOVE WALL AND (1) @ 21" ABOVE WALL). PRIME AND PAINT.
S11	12" WIDE FIBERGLASS TRENCH GRATE. REFER TO TRENCH SECTION.
S17	6" CONCRETE SLAB. REINFORCE WITH #4 BARS @ 16" OC EACH WAY, CENTERED IN SLAB.
S21	8" CONCRETE SLAB. REINFORCE WITH #4 BARS @ 12" OC EACH WAY, CENTERED IN SLAB.



1 SLAB PLAN - AREA C
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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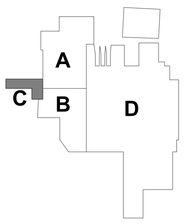

KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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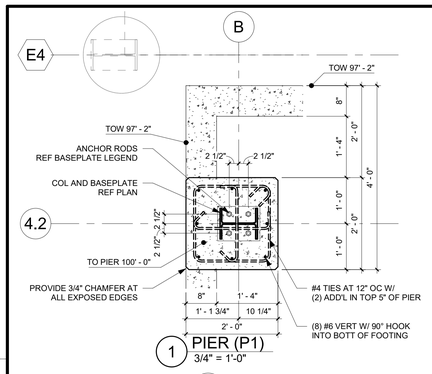
TITLE

SLAB PLAN - AREA C

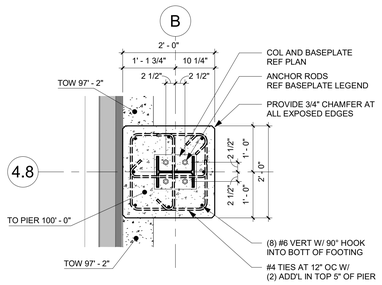
N

SHEET

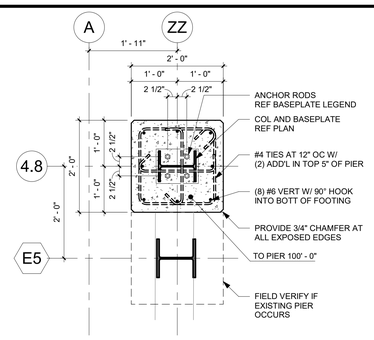
S1-31C



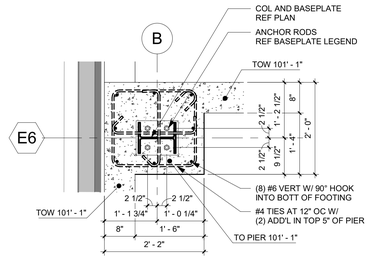
1 PIER (P1)
3/4" = 1'-0"



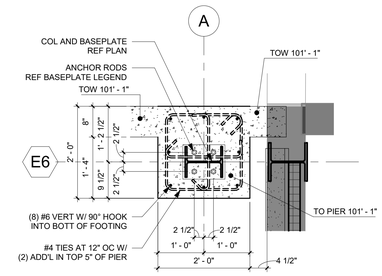
2 PIER (P2)
3/4" = 1'-0"



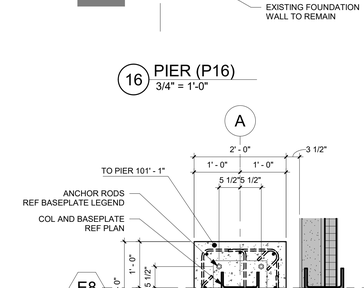
3 PIER (P3)
3/4" = 1'-0"



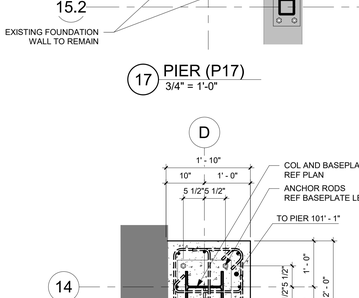
4 PIER (P4)
3/4" = 1'-0"



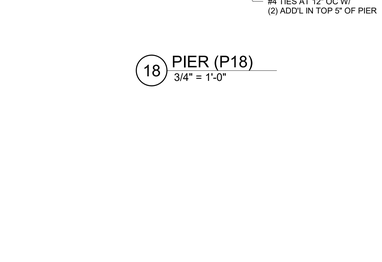
5 PIER (P5)
3/4" = 1'-0"



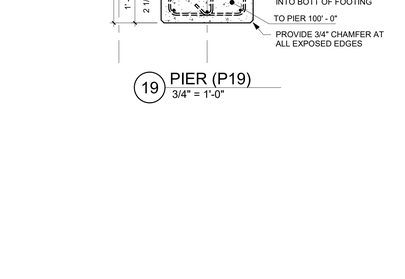
6 PIER (P6)
3/4" = 1'-0"



7 PIER (P7)
3/4" = 1'-0"



8 PIER (P8)
3/4" = 1'-0"



9 PIER (P9)
3/4" = 1'-0"

10 PIER (P10)
3/4" = 1'-0"

11 PIER (P11)
3/4" = 1'-0"

12 PIER (P12)
3/4" = 1'-0"

13 PIER (P13)
3/4" = 1'-0"

14 PIER (P14)
3/4" = 1'-0"

15 PIER (P15)
3/4" = 1'-0"

16 PIER (P16)
3/4" = 1'-0"

17 PIER (P17)
3/4" = 1'-0"

18 PIER (P18)
3/4" = 1'-0"

19 PIER (P19)
3/4" = 1'-0"

20 PIER (P20)
3/4" = 1'-0"

21 PIER (P21)
3/4" = 1'-0"

22 PIER (P22)
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'
2"
1"
0 1/4" 1/2"

1/31/2023 3:34:32 PM

ISG

GEORGIA
REGISTERED
No. 034852
Professional
ENGINEER
JASON E. HODIN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

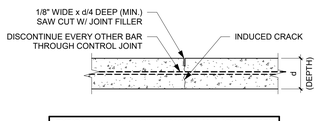
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

PIER DETAILS

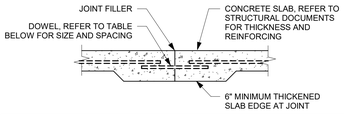
SHEET

S2-11



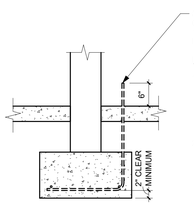
TYPICAL CONTROL JOINT SPACING AND JOINT DEPTH		
REINFORCED SLAB DEPTH	PREFERRED SPACING	CONTROL JOINT DEPTH (MIN.)
4"	8' TO 12'	1"
5"	10' TO 15'	1.25"
6"	12' TO 18'	1.5"
7"	14' TO 21'	1.75"
≥ 8"	16' TO 24'	2"
REFER TO CONTROL JOINT PLACEMENT GUIDE FOR ADDITIONAL CONTROL JOINT INFORMATION.		

1 TYPICAL CONTROL JOINT DETAIL
1" = 1'-0"



DOWEL SIZE AND SPACING FOR CONSTRUCTION JOINTS						
	DOWEL DIMENSIONS			DOWEL SPACING (CENTER-TO-CENTER)		
SLAB DEPTH	ROUND	SQUARE	PLATE DOWEL	ROUND	SQUARE	PLATE DOWEL
5" TO 6"	3/4"Ø x 10"	3/4" x 10"	M/R*	12"	14"	18"
7" TO 8"	1"Ø x 13"	1" x 13"	M/R*	12"	14"	18"
9" TO 11"	1 1/4"Ø x 15"	1 1/4" x 15"	M/R*	12"	12"	18"
*M/R = MANUFACTURER'S RECOMMENDATIONS. BECAUSE OF THE VARIOUS PLATE DOWEL GEOMETRIES AND INSTALLATION DEVICES AVAILABLE FROM DIFFERENT MANUFACTURERS, THE MANUFACTURERS SHOULD BE CONSULTED FOR THEIR RECOMMENDED PLATE DOWEL SIZE.						

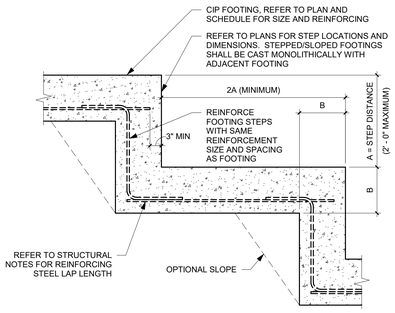
2 TYPICAL CONSTRUCTION JOINT DETAIL
1" = 1'-0"



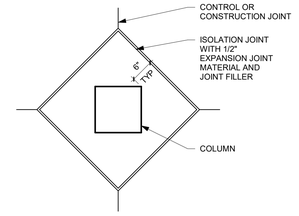
NOTES:

1. PURPOSE OF DETAIL IS TO INDICATE TYPICAL GROUNDING ELECTRODE INFORMATION ONLY AND DOES NOT REFLECT ACTUAL FOUNDATION CONSTRUCTION; REFER TO PLANS, SECTIONS, AND DETAILS FOR FOUNDATION CONSTRUCTION INFORMATION.
2. SUPPLY AND INSTALL GROUNDING ELECTRODE FOR GROUNDING OF ELECTRICAL SERVICE AS REQUIRED BY ELECTRICAL DOCUMENTS.

3 GROUNDING ELECTRODE DETAIL
3/4" = 1'-0"



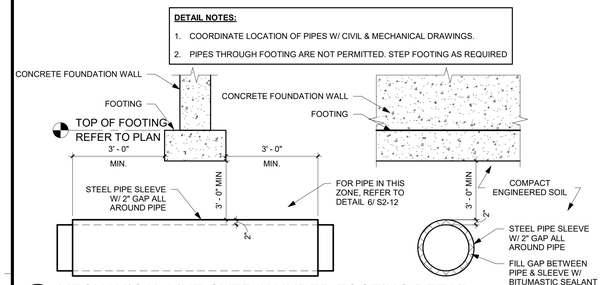
4 STEPPED FOOTING DETAIL
3/4" = 1'-0"



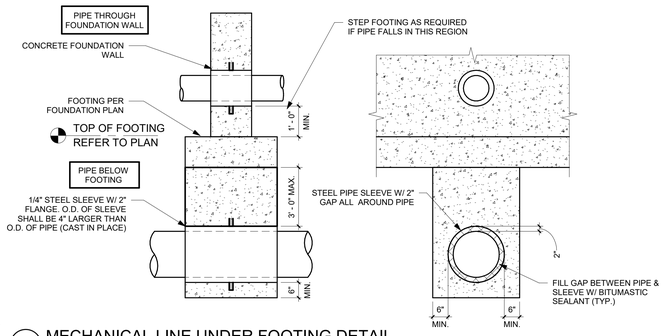
8 FLOOR/COLUMN ISOLATION JOINT DETAIL
3/4" = 1'-0"

DETAIL NOTES:

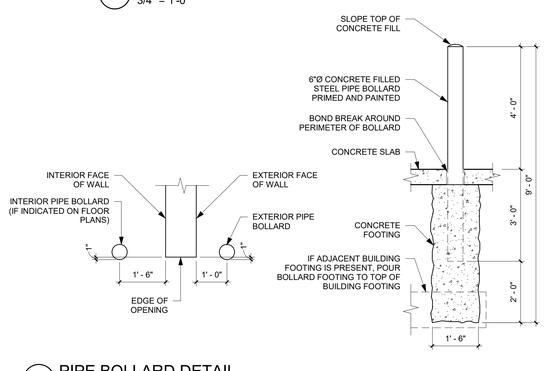
1. COORDINATE LOCATION OF PIPES W/ CIVIL & MECHANICAL DRAWINGS.
2. PIPES THROUGH FOOTING ARE NOT PERMITTED. STEP FOOTING AS REQUIRED



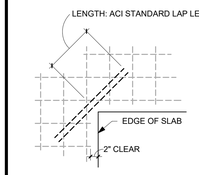
5 MECHANICAL LINE OVER 3' UNDER FOOTING DETAIL
1/2" = 1'-0"



6 MECHANICAL LINE UNDER FOOTING DETAIL
1/2" = 1'-0"



7 PIPE BOLLARD DETAIL
1/2" = 1'-0"



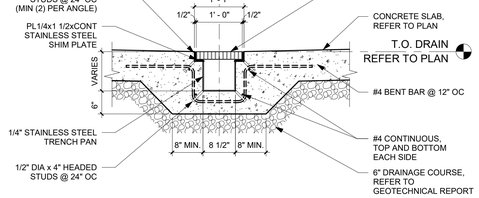
SLAB REINF BARS	ADDITIONAL CORNER BARS
WWF	(2) #4
#4	(2) #4
#5	(2) #5
#6	(2) #5
#7	(2) #5
#8	(2) #6
*USE LARGEST DIAMETER BAR IN EITHER DIRECTION FOR DETERMINING CORNER BARS.	

NOTE:
PROVIDE 2" CLEAR COVER OVER ALL BARS AT OPENINGS

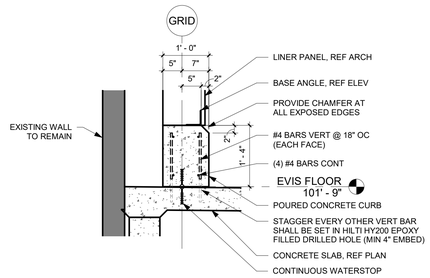
ADDITIONAL CORNER BARS:

- WHEN SLAB HAS BOTTOM REINFORCEMENT LAYER ONLY, PLACE DIAGONAL BARS AT MID-DEPTH.
- WHEN SLAB HAS TOP REINFORCEMENT LAYER ONLY, PLACE DIAGONAL BARS BELOW TOP REINFORCEMENT.
- WHEN SLAB HAS TOP & BOTTOM REINFORCEMENT LAYERS, PLACE DIAGONAL BARS BETWEEN TOP & BOTTOM REINFORCEMENT (2-LAYERS)

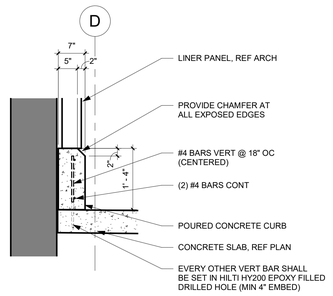
9 SLAB REENTRANT CORNER DETAIL
3/4" = 1'-0"



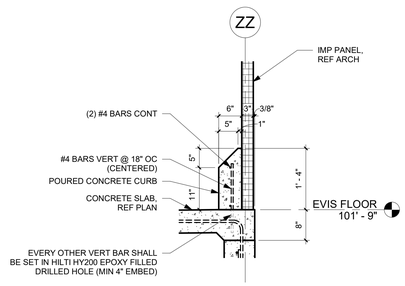
10 TRENCH DRAIN
3/4" = 1'-0"



11 CURB (CB1)
3/4" = 1'-0"



12 CURB (CB2)
3/4" = 1'-0"



13 CURB (CB3)
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:35 PM

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PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

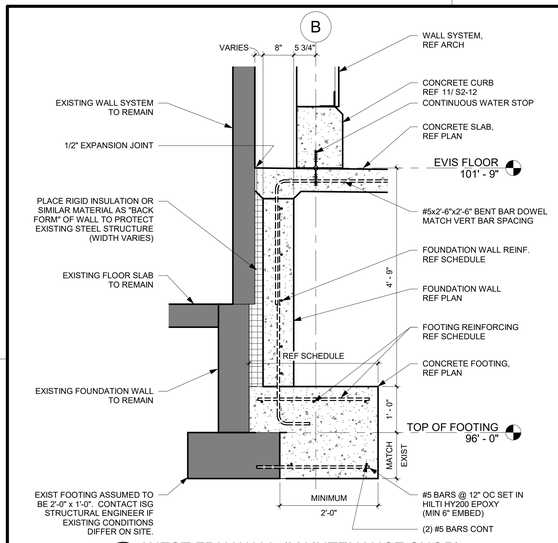
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

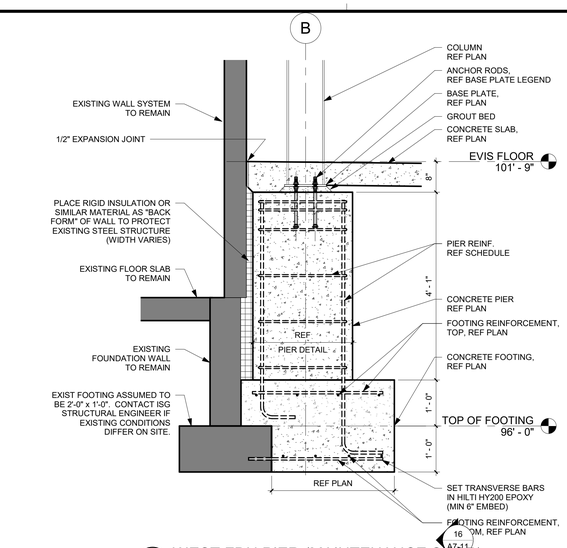
FOUNDATION & SLAB DETAILS

SHEET

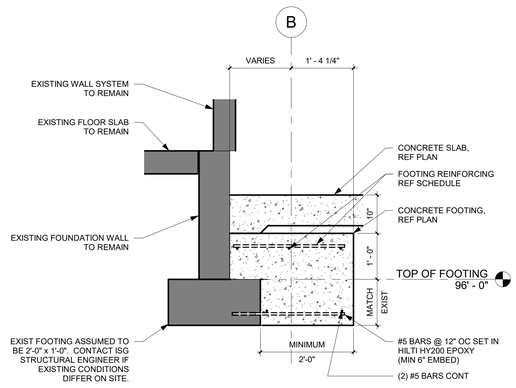
S2-12



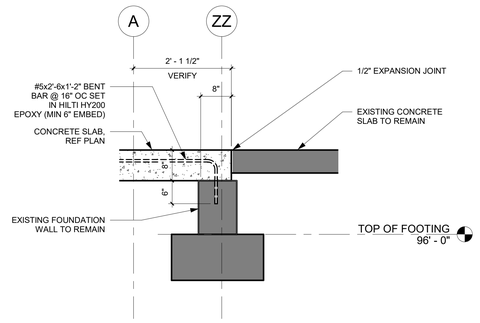
1 WEST FDN WALL (MAINTENANCE SHOP)
3/4" = 1'-0"



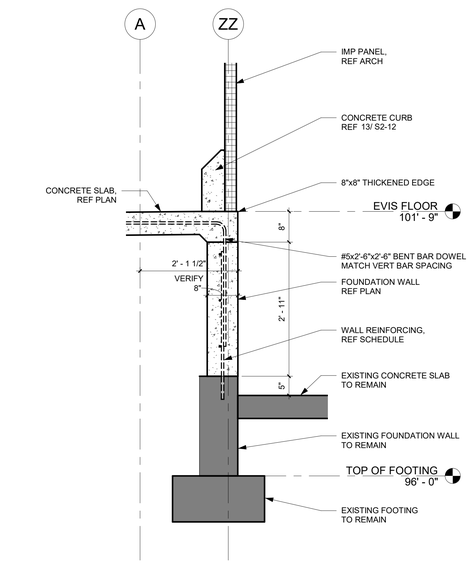
2 WEST FDN PIER (MAINTENANCE SHOP)
3/4" = 1'-0"



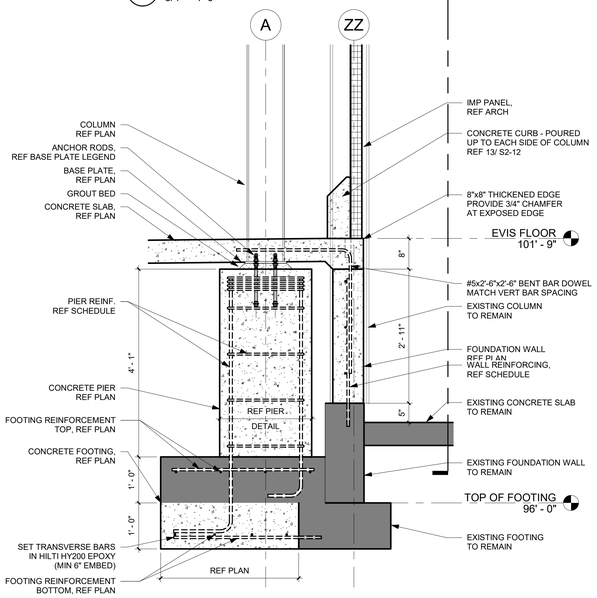
3 WEST FDN WALL (PARTS STORAGE)
3/4" = 1'-0"



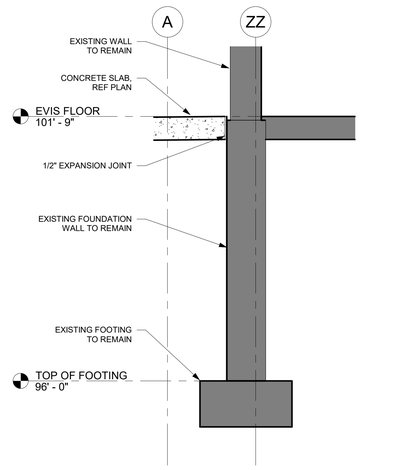
4 EAST FDN WALL (EVIS)
3/4" = 1'-0"



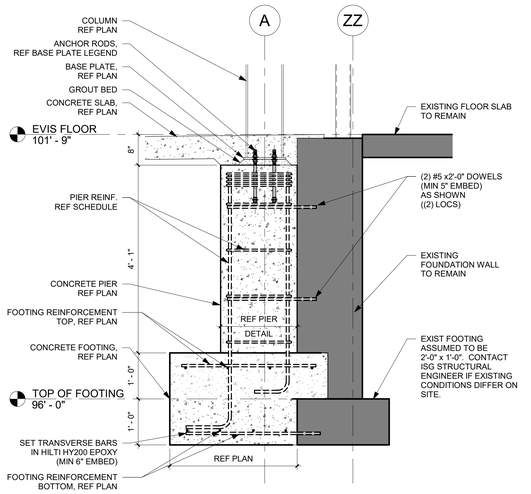
5 EAST FDN WALL W/ GUARDRAIL (EVIS)
3/4" = 1'-0"



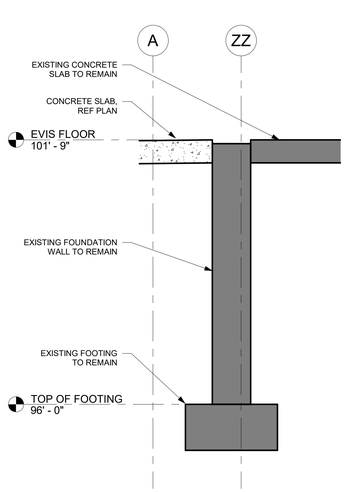
6 EAST PIER AT EXIST COL (EVIS)
3/4" = 1'-0"



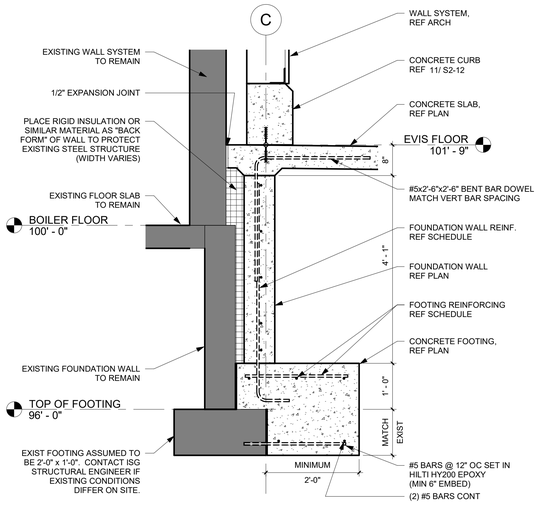
7 EAST FDN WALL/SLAB (EVIS)
3/4" = 1'-0"



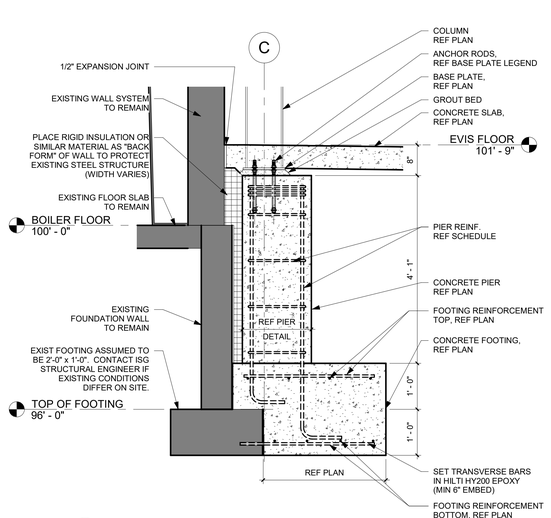
8 EAST FDN AT PIER (EVIS)
3/4" = 1'-0"



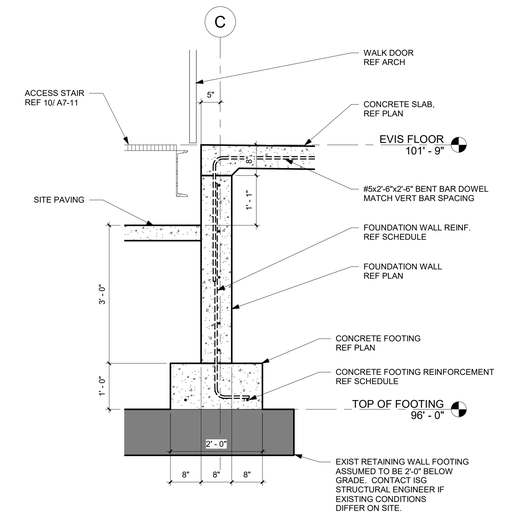
9 EAST FDN FLOOR SLAB (EVIS)
3/4" = 1'-0"



10 WEST FDN WALL (BOILER BLDG)
3/4" = 1'-0"



11 WEST FDN PIER (BOILER BLDG)
3/4" = 1'-0"



12 WEST FDN WALL
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'
2"
1"
0 1/4" 1/2"

1/31/2023 3:34:39 PM

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PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

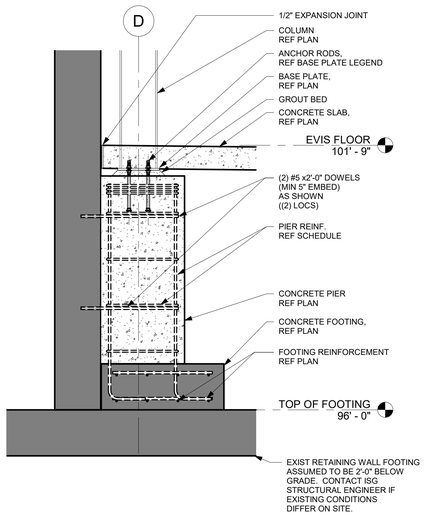
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

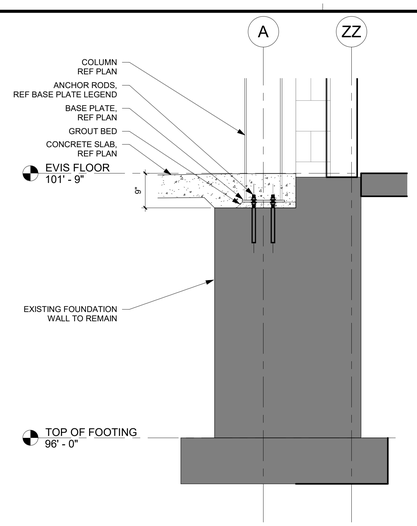
FOUNDATION DETAILS

SHEET

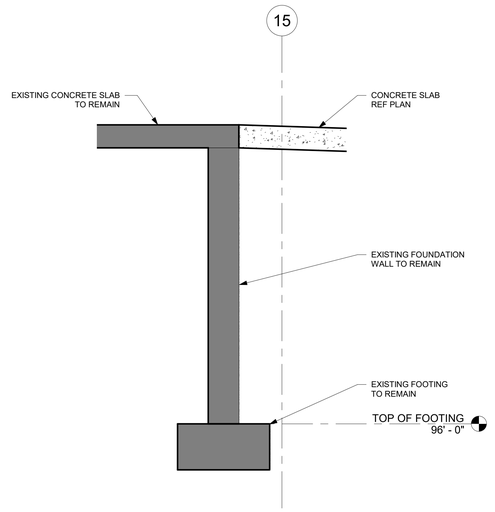
S2-13



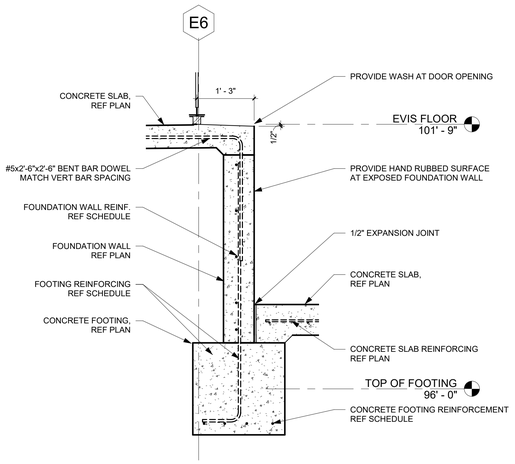
1 PIER AT WEST RETAINING WALL
3/4" = 1'-0"



2 COL AT EXIST PIER (EAST)
3/4" = 1'-0"



3 SLAB AT EXIST DOCK EDGE
3/4" = 1'-0"



4 NORTH FDN WALL
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:40 PM

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PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

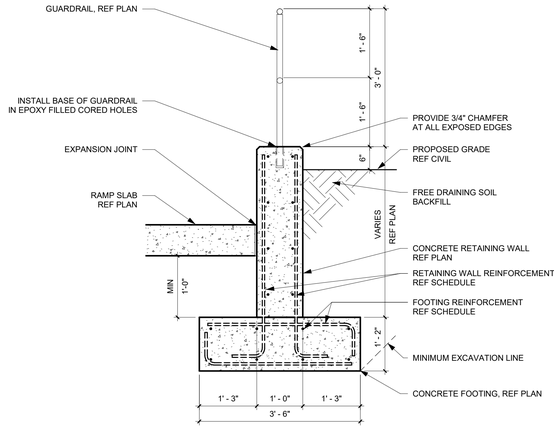
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

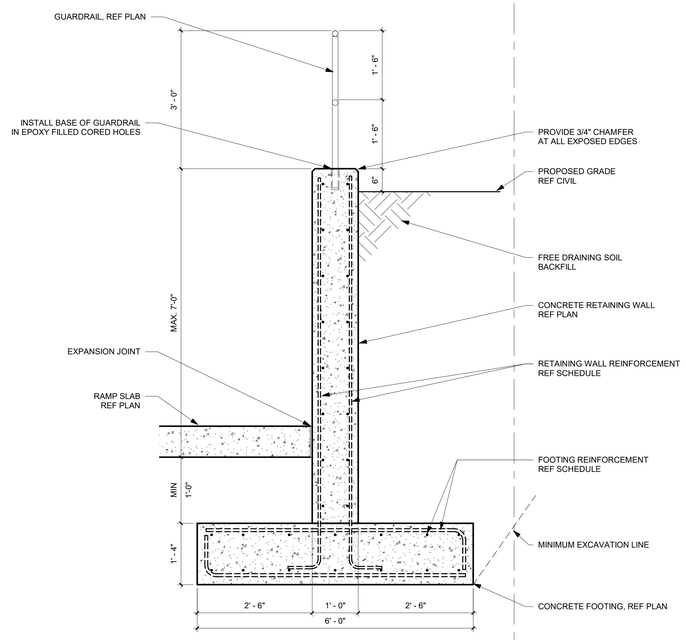
FOUNDATION DETAILS

SHEET

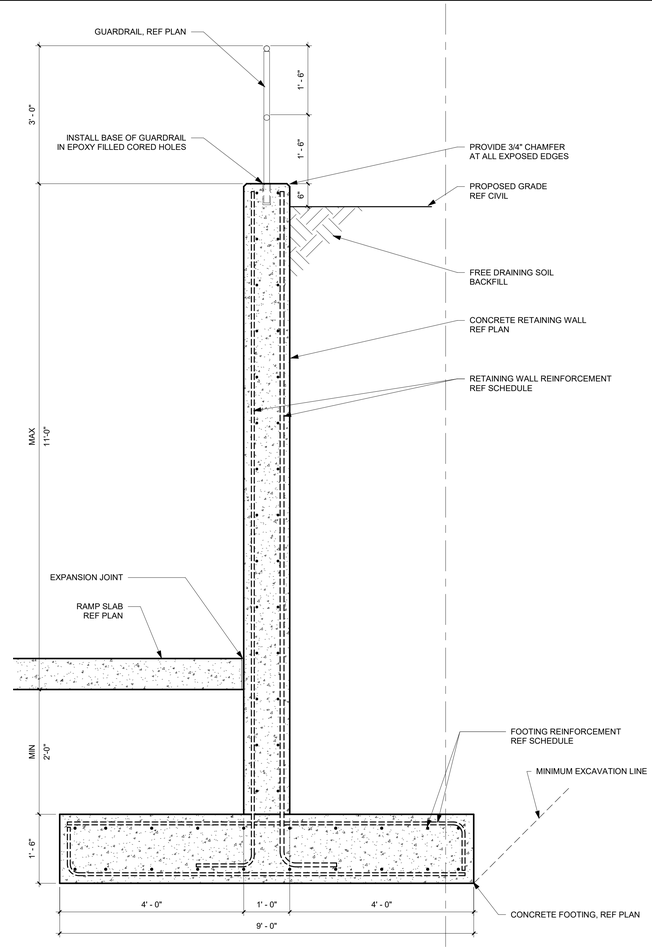
S2-14



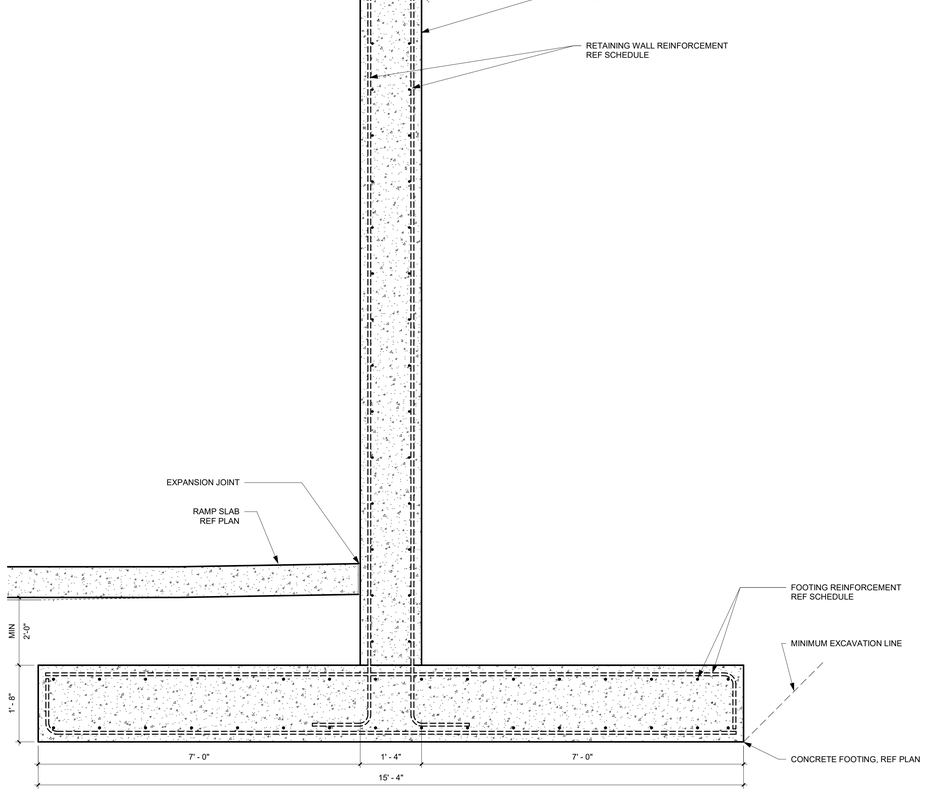
1 RETAINING WALL SECTION
3/4" = 1'-0"



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



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



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

REFERENCE SCALE
1" = 1'
2"
1"
0 1/4" 1/2"

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PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

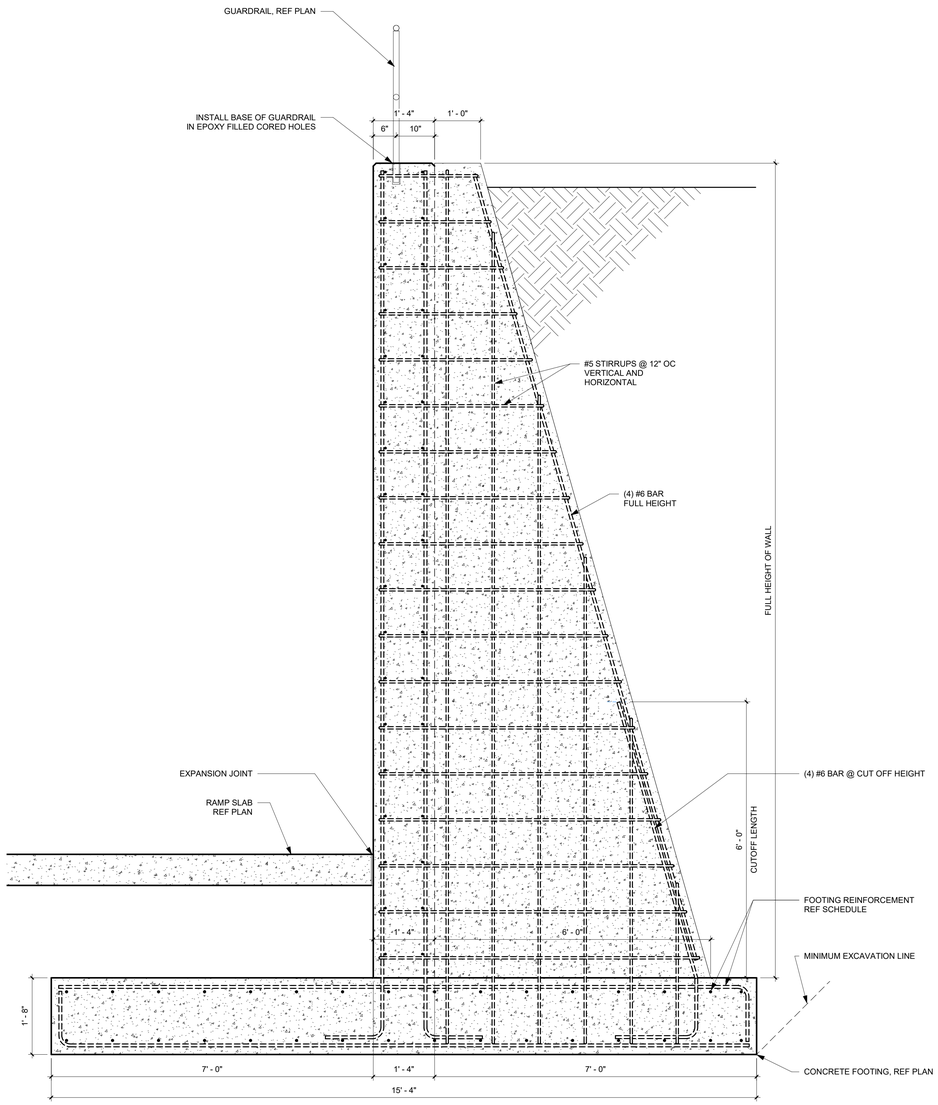
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FOUNDATION & SLAB DETAILS

SHEET

S2-15



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

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:43 PM

ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HODIN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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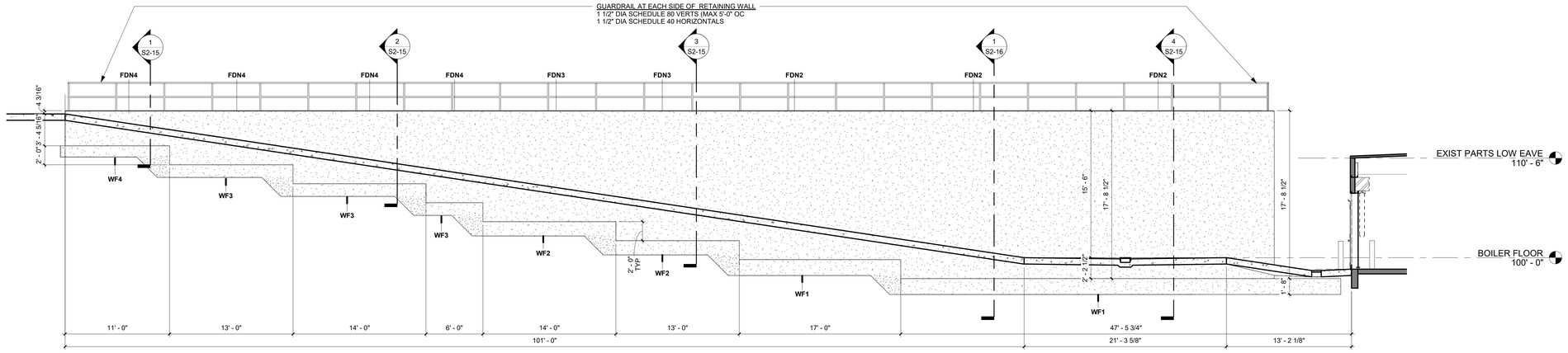
TITLE

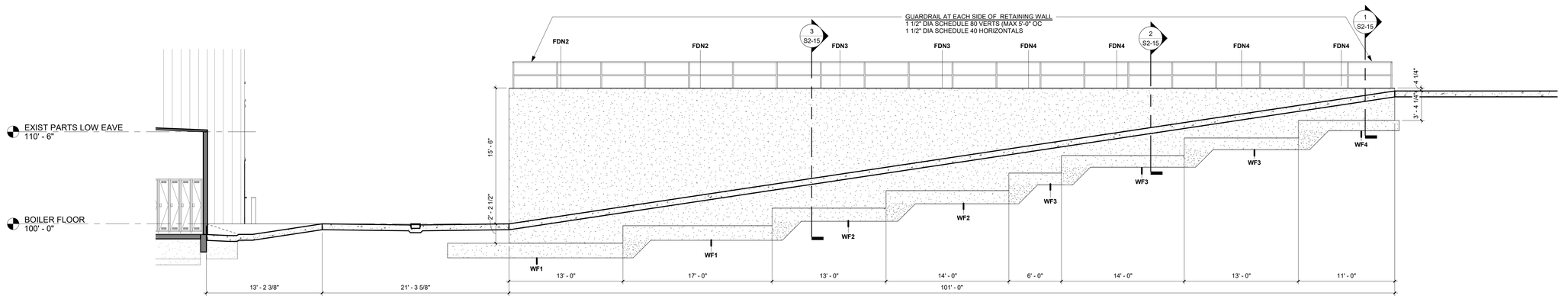
FOUNDATION & SLAB DETAILS

SHEET

S2-16



1 CONCRETE RETAINING WALL ELEVATION (LOOKING NORTH)
3/16" = 1'-0"



2 CONCRETE RETAINING WALL ELEVATION (LOOKING SOUTH)
3/16" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:45 PM

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GEORGIA REGISTERED No. 034852 PROFESSIONAL ENGINEER JASON E. HODIN

PROJECT

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EVIS RENOVATION

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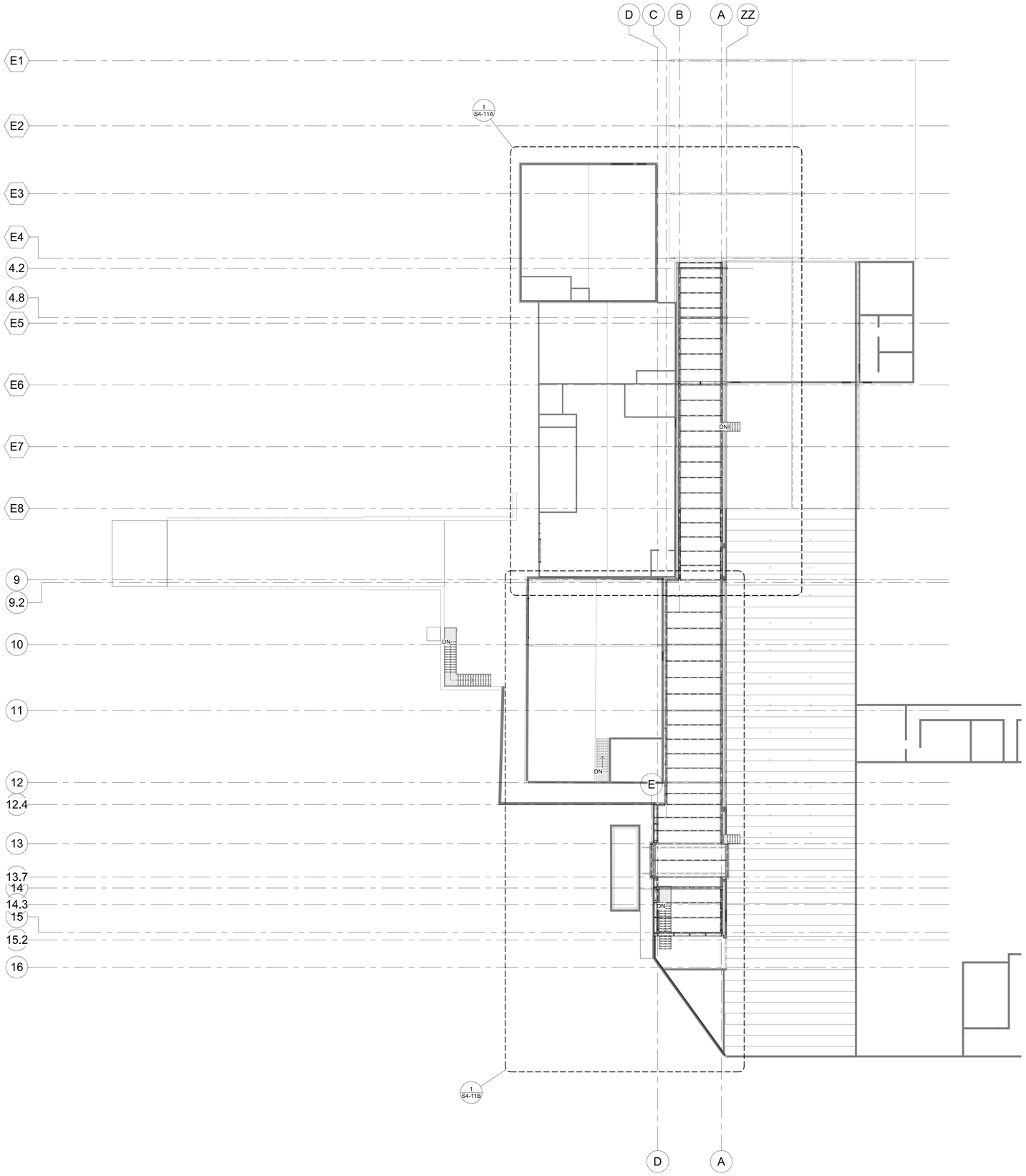
TITLE

RETAINING WALL ELEVATIONS

SHEET

S2-21



1 ROOF FRAMING PLAN - OVERALL
1/16" = 1'-0"

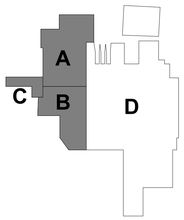
N

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:48 PM

ISG

GEORGIA
REGISTERED
No. 034852
Professional
ENGINEER
JASON E. HODIN



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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TITLE

ROOF FRAMING PLAN - OVERALL

SHEET

S4-11

1 EVIS ROOF FRAMING PLAN - AREA A
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:51 PM

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY STEEL FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
C. ALL FASTENERS SHALL BE GALVANIZED, UNO.
D. TOUCH UP ANY FIELD WELDS WITH COLD GAL PAINT.

KEYNOTE LEGEND

S3	W8x15 OUTRIGGER. FULLY SHOP WELD TO ROOF BEAM.
S5	EXHAUST FAN. REFERENCE MECHANICAL DRAWINGS FOR WEIGHT AND SIZE OF OPENING REQUIRED.
S18	1 1/2" TYPE "B" 20 GA GALVANIZED METAL ROOF DECK. REFERENCE PLAN FOR DIRECTION OF INSTALL. ATTACH PER DETAIL.
S24	W12x14 OUTRIGGER. FULLY SHOP WELDED TO COLUMN WEB.

BEAM END REACTIONS FOR SIMPLE SHEAR CONNECTIONS (ASD)

SHAPE	SHEAR (KIP)
W8	5
W10	5
W12	7.5
W14	10

BEAM END REACTIONS FOR MOMENT FRAME CONNECTIONS (ASD)

SHAPE	SHEAR (KIP)	MOMENT (KIP-FT)	AXIAL (KIP)
W8x18	5	30	5
W10x22	5	28.5	5
W12x26	7.5	29	5

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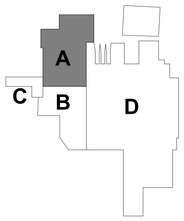

KEYPLAN

PROJECT

PILGRIMS

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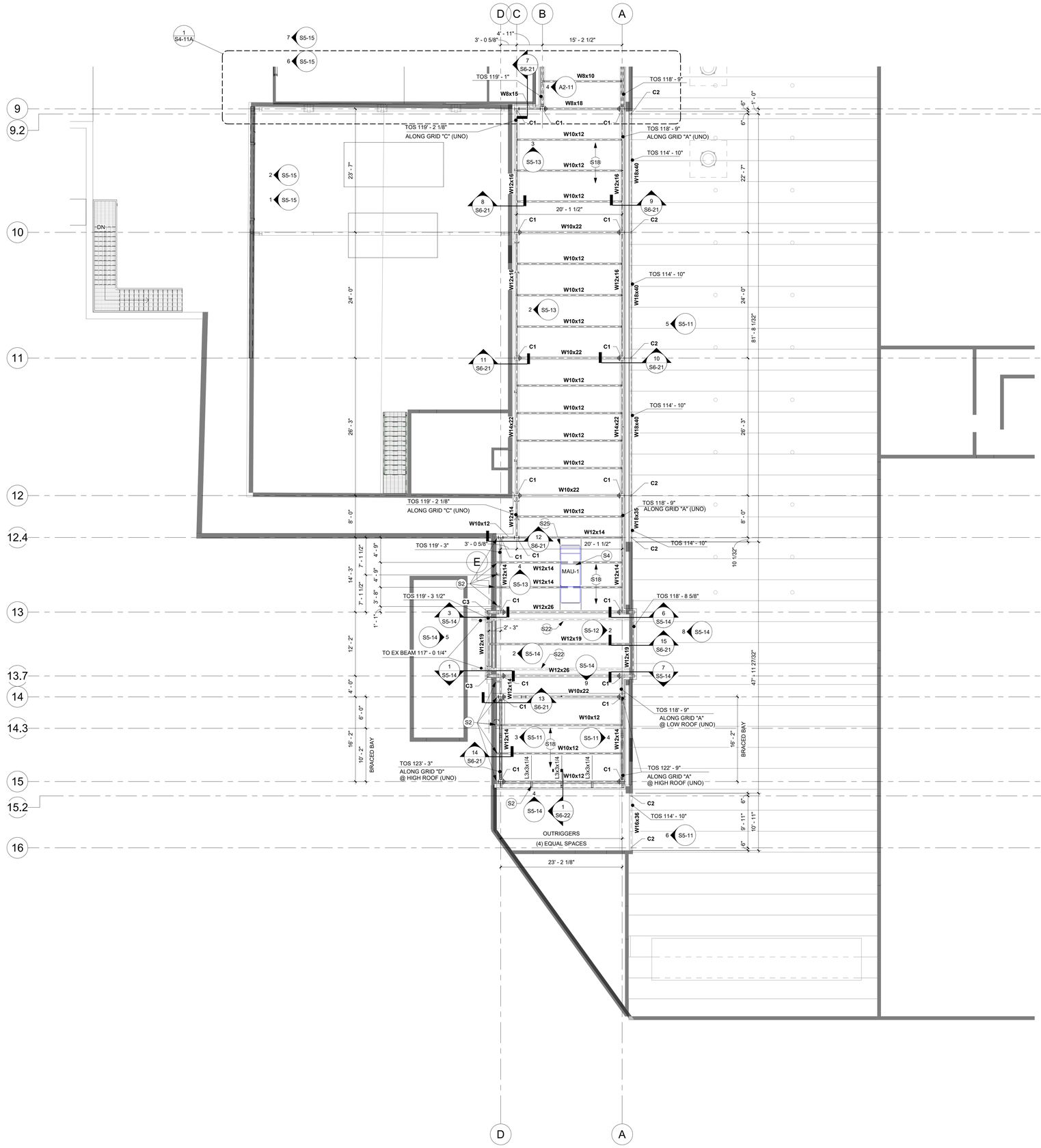
TITLE

ROOF FRAMING PLAN - AREA A

SHEET

S4-11A



1 EVIS ROOF FRAMING PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:55 PM

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY STEEL FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
C. ALL FASTENERS SHALL BE GALVANIZED, UNO.
D. TOUCH UP ANY FIELD WELDS WITH COLD GAL PAINT.

KEYNOTE LEGEND

S2	W10x12 OUTRIGGER
S4	MECHANICAL UNIT ON ROOF TOP. VERIFY SIZE, LOCATION, AND WEIGHT WITH MECHANICAL DWGS.
S18	1 1/2" TYPE "B" 20 GA GALVANIZED METAL ROOF DECK. REFERENCE PLAN FOR DIRECTION OF INSTALL. ATTACH PER DETAIL.
S22	EXISTING CABLE TRAY BRIDGE BEAM TO REMAIN. INNER FRAMING NOT SHOWN FOR CLARITY.
S25	L4x4x1/4 FRAMING AT ROOF TOP UNIT. TYP UNO.

BEAM END REACTIONS FOR SIMPLE SHEAR CONNECTIONS (ASD)

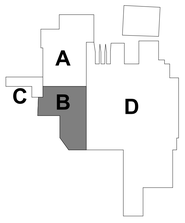
SHAPE	SHEAR (KIP)
W8	5
W10	5
W12	7.5
W14	10

BEAM END REACTIONS FOR MOMENT FRAME CONNECTIONS (ASD)

SHAPE	SHEAR (KIP)	MOMENT (KIP*FT)	AXIAL (KIP)
W8x18	5	30	5
W10x22	5	28.5	5
W12x26	7.5	29	5

ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HODIN



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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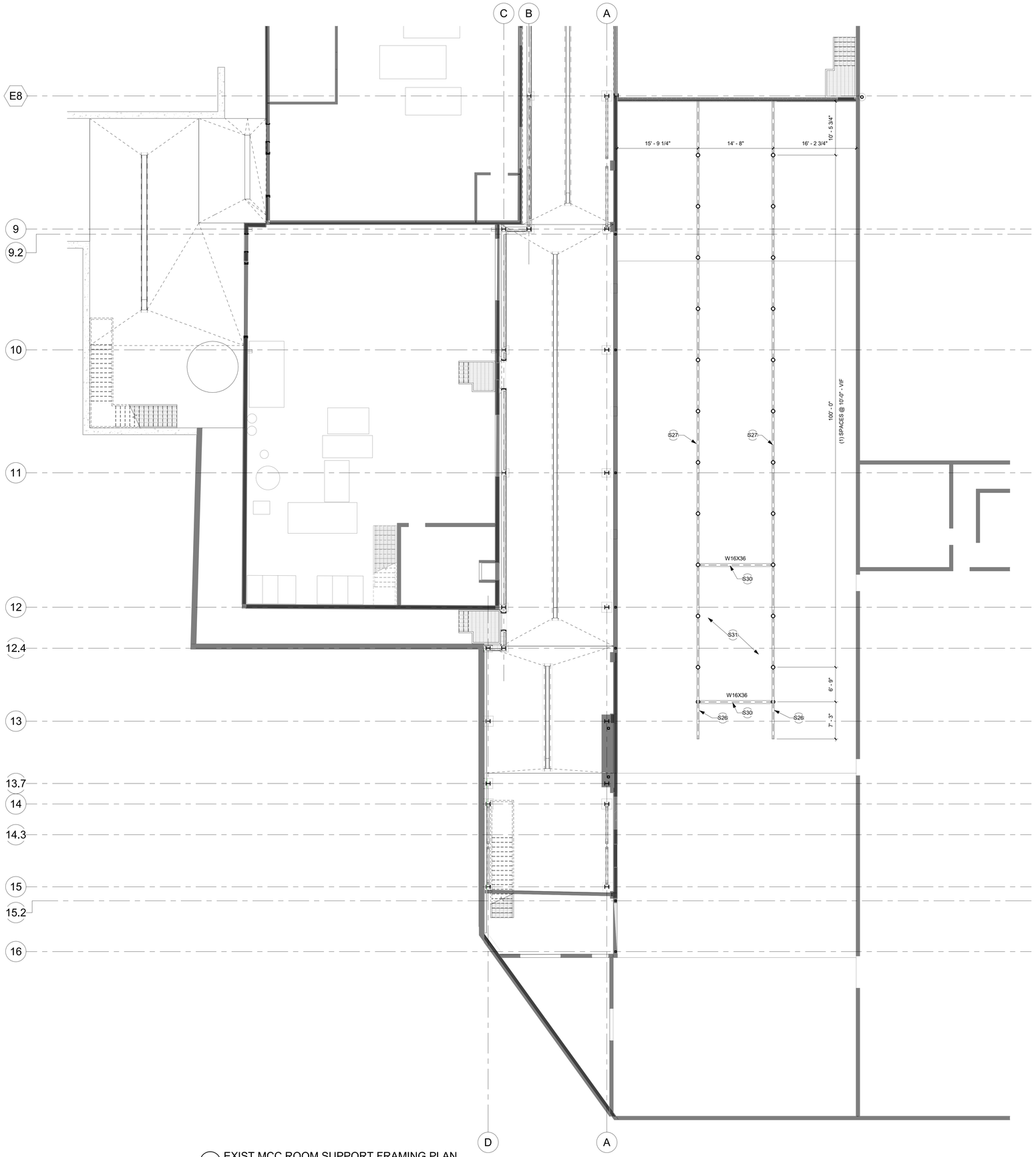
ROOF FRAMING PLAN - AREA B

SHEET

S4-11B



1 EXIST MCC ROOM SUPPORT FRAMING PLAN
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:34:58 PM

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY STEEL FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
C. ALL FASTENERS SHALL BE GALVANIZED, UNO.
D. TOUCH UP ANY FIELD WELDS WITH COLD GAL PAINT.
E. REFERENCE CONSTRUCTION SEQUENCE FOR REMOVAL OF EXISTING CMU WALL AND REPAIR/REPLACEMENT OF EXISTING STEEL.

KEYNOTE LEGEND

S26	REPLACE BEAMS EXTENDING FROM END OF CMU WALL TO EXPOSED COLUMN. PROVIDE W 18x35 AS REPLACEMENT IN BID. THIS IS ASSUMING THIS AREA DOES NOT HAVE THE MCC ROOM ABOVE. IF MCC ROOM IS ABOVE THIS AREA, PLEASE CONTACT ISG FOR NEW BEAM SIZE. VERIFY ACTUAL DEPTH AND LENGTH AND ISG CAN ADJUST DURING CONSTRUCTION.
S27	CONDITION OF EXISTING BEAMS HIDDEN INSIDE EXISTING CMU WALLS IS UNKNOWN AT THIS TIME. ONCE CMU DEMO HAS BEGUN, PLEASE PROVIDE ISG WITH EXTENSIVE PHOTOS AND SIZES OF EXISTING BEAMS TO DETERMINE IF USE OF EXISTING STRUCTURAL STEEL IS ADEQUATE.
S30	PROVIDE NEW BEAM UNDER ENDS OF CMU FOR MCC ROOM ON ROOF.
S31	FLOOR FRAMING AND CONSTRUCTION OF CMU MCC ROOM ON ROOF WAS NOT EASILY ACCESSIBLE ON SITE. PROVIDE ISG WITH ADDITIONAL PHOTOS WHEN DEMOLITION BEGINS TO VERIFY ASSUMPTIONS MADE OF EXISTING FRAMING.

ISG

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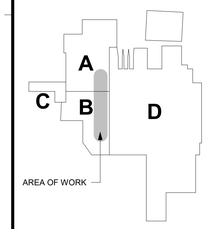

KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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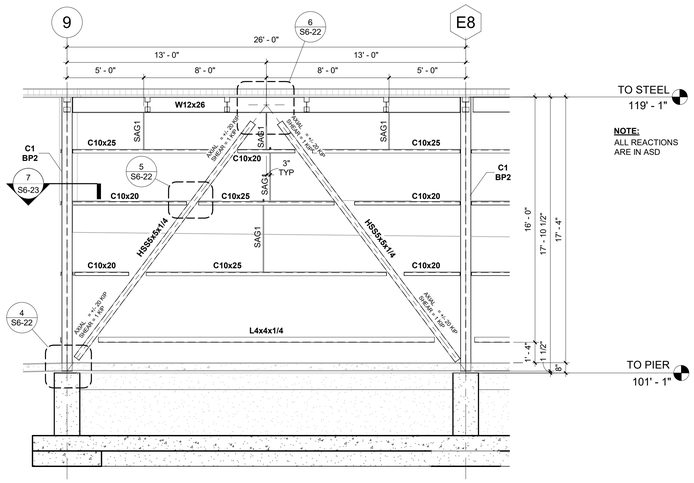
TITLE

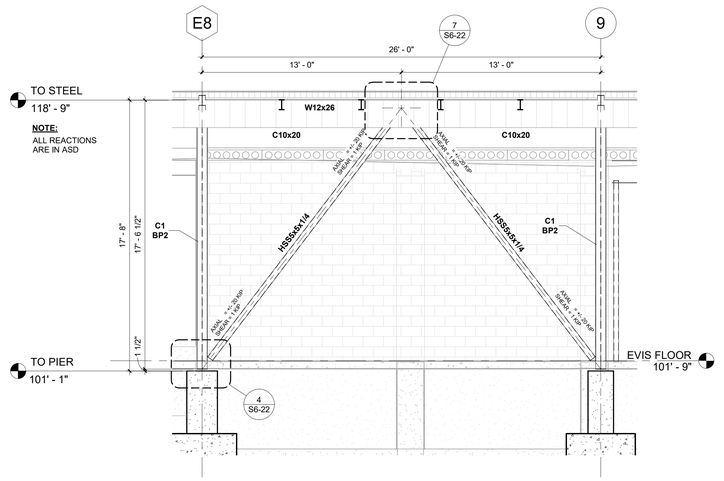
EVIS STEEL REPAIR FRAMING PLAN

SHEET

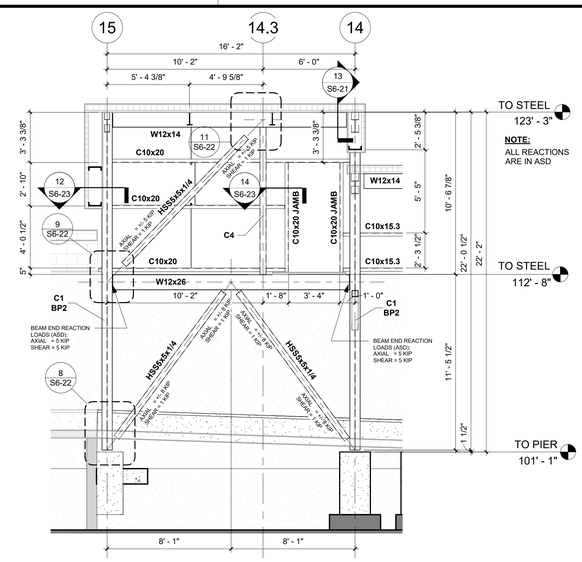
S4-12



1 BRACE ELEVATION @ GRID "B" - LOOKING WEST
1/4" = 1'-0"



2 NORTH BRACE ELEVATION @ GRID "A" - LOOKING EAST
1/4" = 1'-0"



3 BRACE ELEVATION @ GRID "D" - LOOKING WEST
1/4" = 1'-0"

4 SOUTH BRACE ELEVATION @ GRID "A" - LOOKING EAST
1/4" = 1'-0"

5 EXISTING PRECAST PLANK SUPPORT FRAMING ELEVATION (LOOKING WEST)
1/4" = 1'-0"

EXISTING PRECAST PLANK SUPPORT FRAMING ELEVATION (LOOKING WEST) SOUTH END
6 1/4" = 1'-0"

7 FRAMING ELEVATION AT GRID 4.2 - LOOKING NORTH
1/4" = 1'-0"

SHEET NOTES

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B. ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
C. ALL FASTENERS SHALL BE GALVANIZED, UNO.
D. TOUCH UP ANY FIELD WELDS WITH COLD GAL PAINT.
E. SG1 - INDICATES 5/8" DIA SAG ROD WITH DOUBLE NUT TOP AND BOTTOM. SPOIL THREADS AFTER INSTALLATION.

GIRT END CONNECTION REACTIONS (ASD)

SHAPE	VERTICAL (KIP)	HORIZONTAL (KIP)
C10x15.3	0.5	2.0
C10x20	0.5	2.0
C10x25	0.5	2.0

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:35:03 PM

ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HOBIN

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PILGRIMS

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TITLE

STRUCTURAL FRAMING ELEVATIONS

SHEET

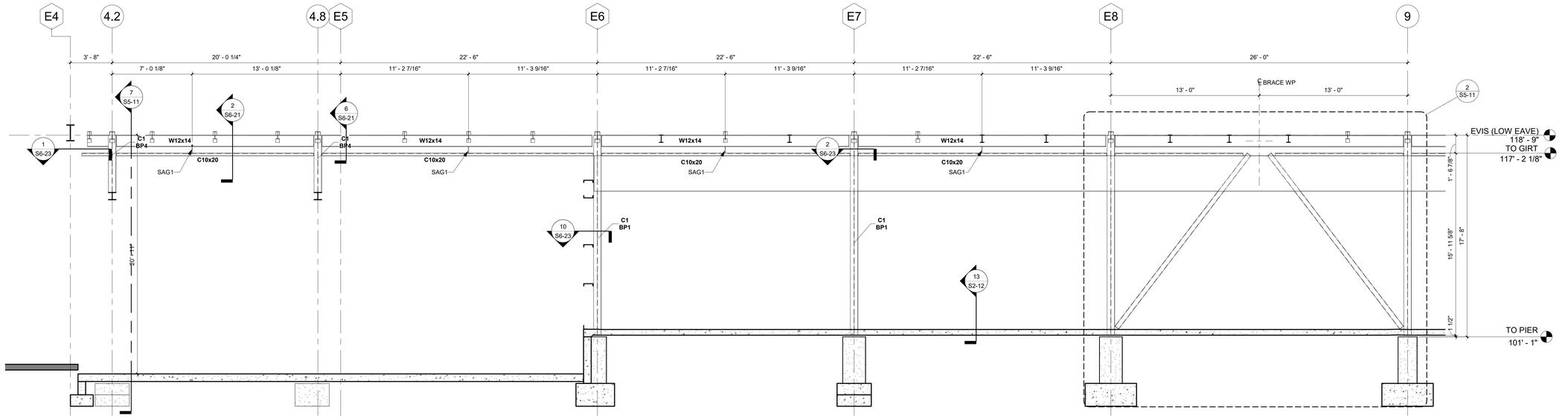
S5-11

SHEET NOTES

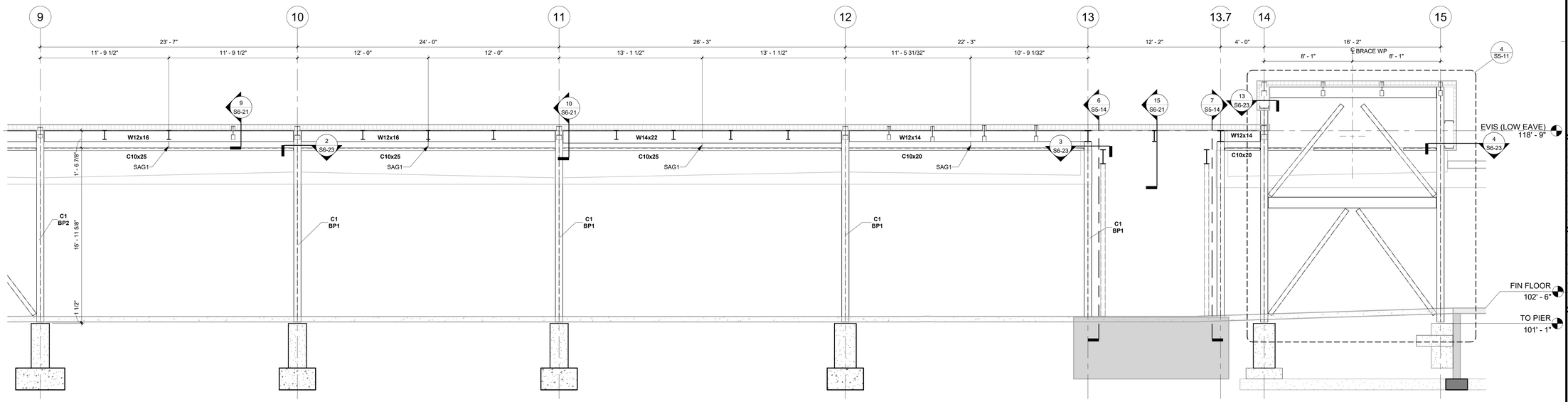
A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY STEEL FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
C. ALL FASTENERS SHALL BE GALVANIZED, UNO.
D. TOUCH UP ANY FIELD WELDS WITH COLD GAL PAINT.
E. SG1 - INDICATES 5/8" DIA SAG ROD WITH DOUBLE NUT TOP AND BOTTOM. SPOIL THREADS AFTER INSTALLATION.

GIRT END CONNECTION REACTIONS (ASD)

SHAPE	VERTICAL (KIP)	HORIZONTAL (KIP)
C10x15.3	0.5	2.0
C10x20	0.5	2.0
C10x25	0.5	2.0



1 GIRT FRAMING ELEVATION AT GRID "A' - LOOKING EAST(AREA A)
1/4" = 1'-0"



2 GIRT FRAMING ELEVATION AT GRID "A' - LOOKING EAST(AREA B)
1/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1"

1/31/2023 3:35:05 PM

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GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HOBBIN

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PILGRIMS

EVIS RENOVATION

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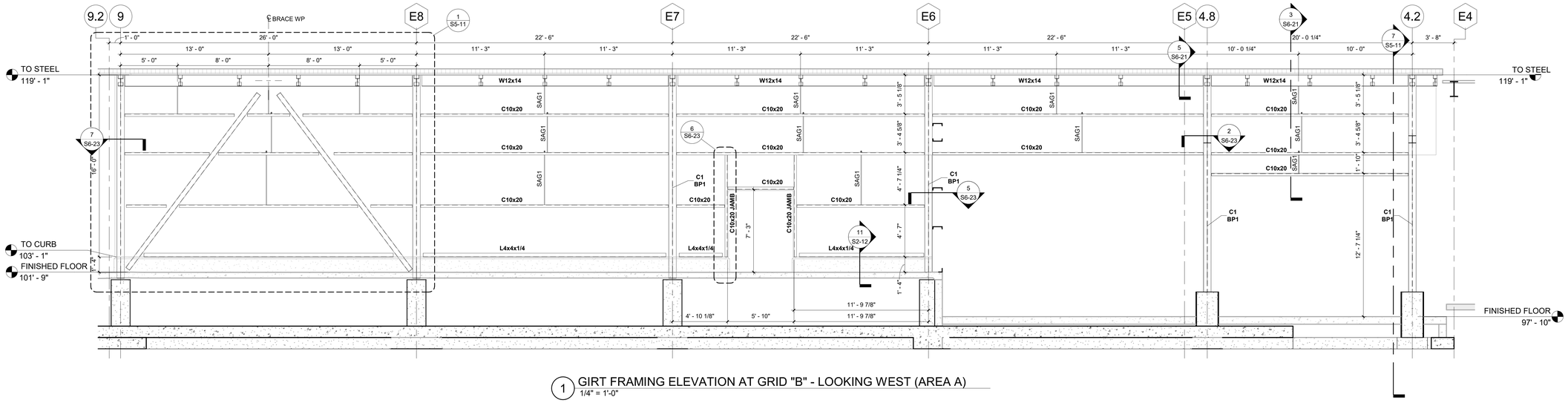
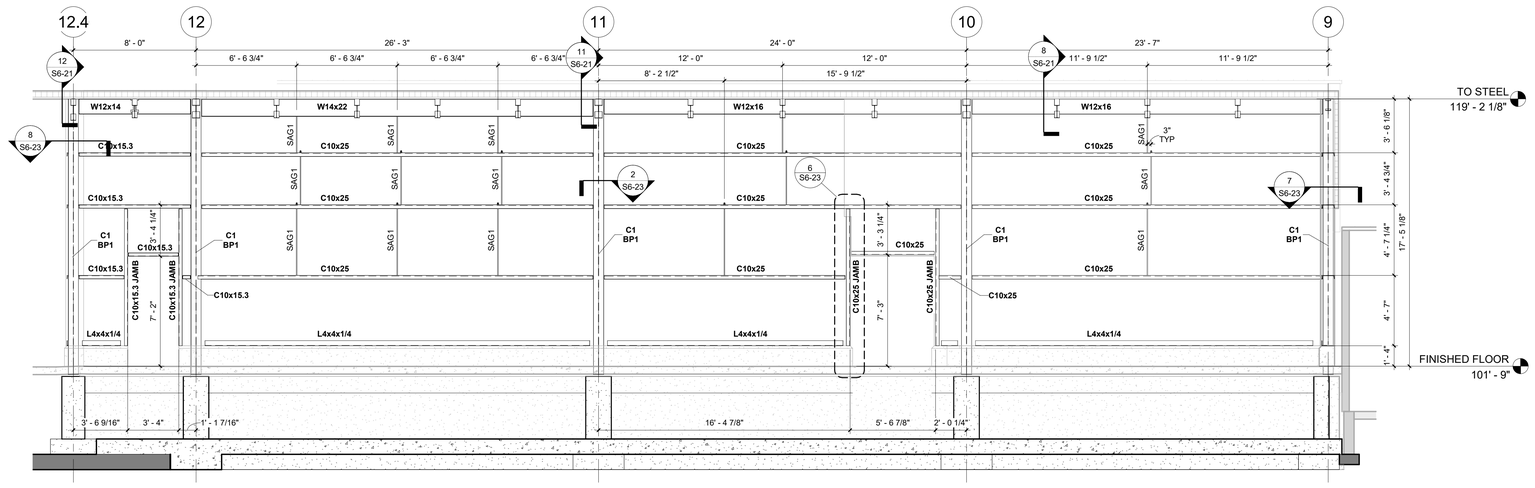
STRUCTURAL FRAMING ELEVATIONS

SHEET

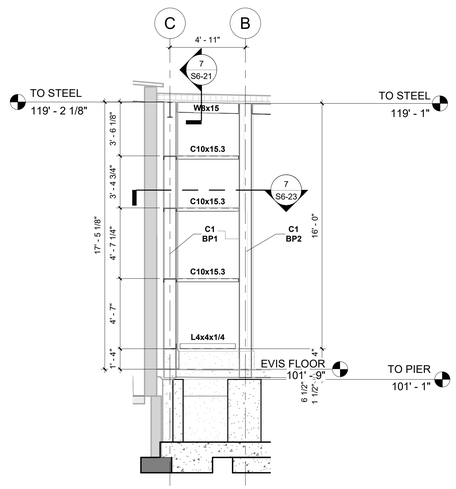
S5-12



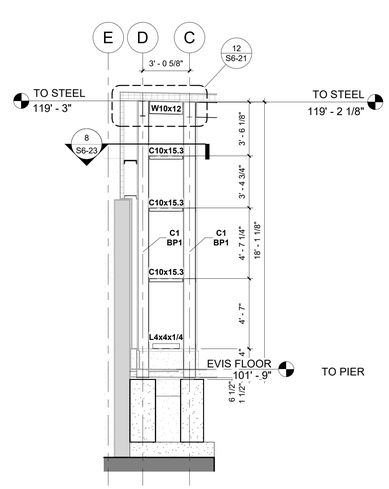
1 GIRT FRAMING ELEVATION AT GRID "B" - LOOKING WEST (AREA A)
1/4" = 1'-0"



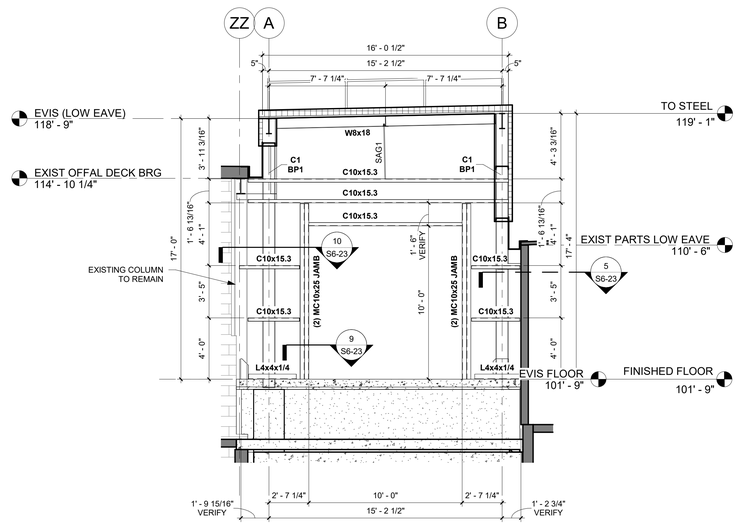
2 GIRT FRAMING ELEVATION AT GRID "C" - LOOKING WEST (AREA B)
1/4" = 1'-0"



3 GIRT FRAMING ELEVATION AT GRID "9" - LOOKING NORTH
1/4" = 1'-0"



4 GIRT FRAMING ELEVATION AT GRID "12.4" - LOOKING NORTH
1/4" = 1'-0"



5 GIRT FRAMING ELEVATION AT GRID "E6" - LOOKING SOUTH
1/4" = 1'-0"

SHEET NOTES

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B. ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
C. ALL FASTENERS SHALL BE GALVANIZED, UNO.
D. TOUCH UP ANY FIELD WELDS WITH COLD GAL PAINT.
E. SG1 - INDICATES 5/8" DIA SAG ROD WITH DOUBLE NUT TOP AND BOTTOM. SPOIL THREADS AFTER INSTALLATION.

GIRT END CONNECTION REACTIONS (ASD)

SHAPE	VERTICAL (KIP)	HORIZONTAL (KIP)
C10x15.3	0.5	2.0
C10x20	0.5	2.0
C10x25	0.5	2.0

REFERENCE SCALE
1" = 1'
2"
1'
0 1/4" 1/2"

1/31/2023 3:35:09 PM

ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HODIN

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PILGRIMS

EVIS RENOVATION

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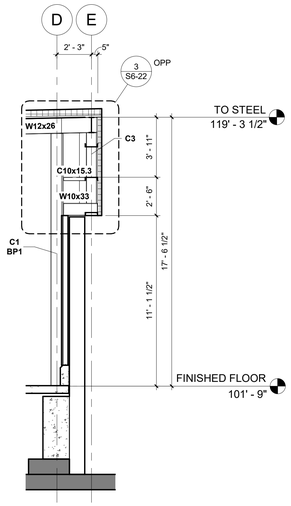
TITLE

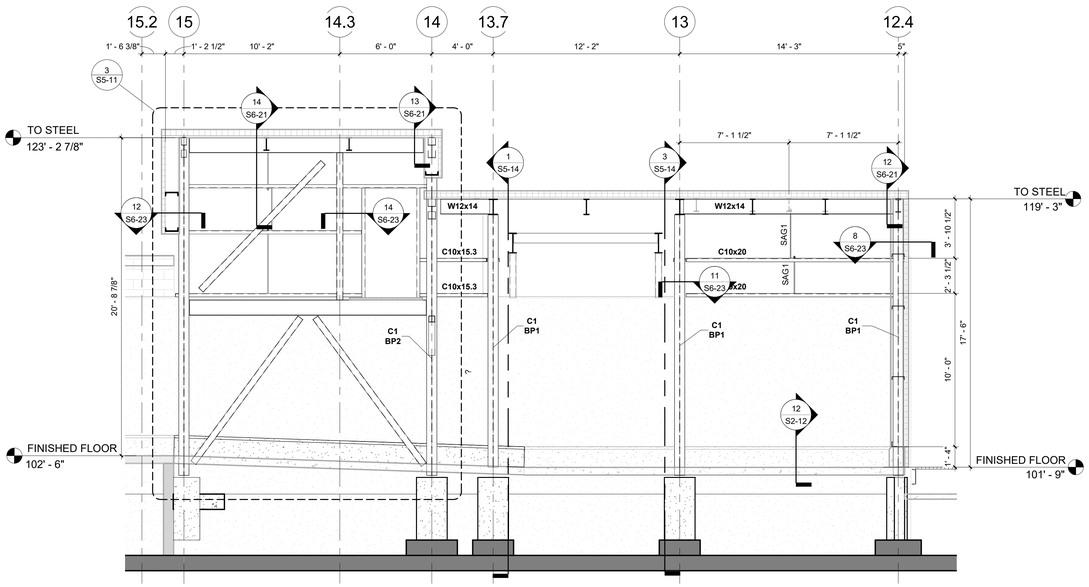
STRUCTURAL FRAMING ELEVATIONS

SHEET

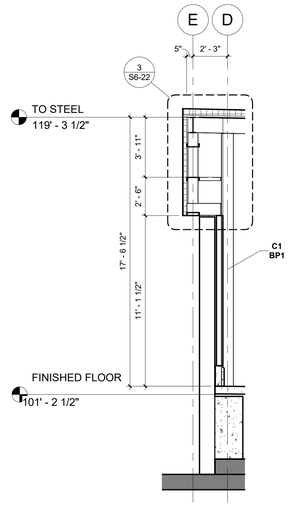
S5-13



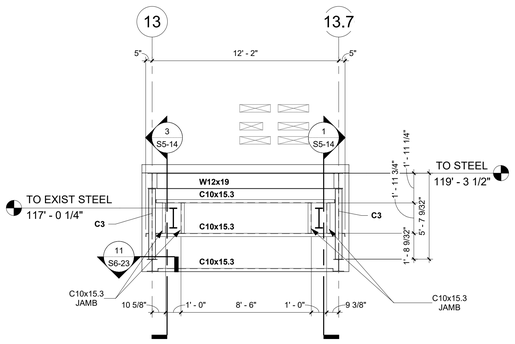
1 GIRT FRAMING ELEVATION AT GRID "13.7" - LOOKING SOUTH
1/4" = 1'-0"



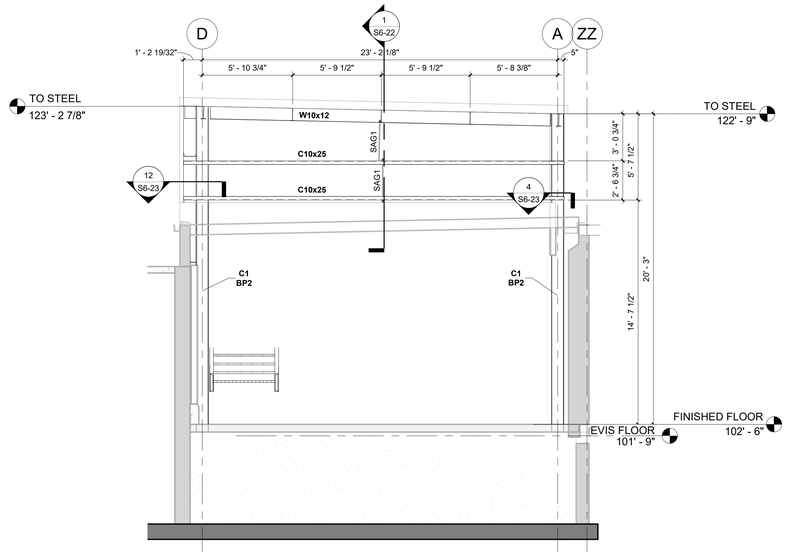
2 GIRT FRAMING ELEVATION AT GRID "D" - LOOKING WEST (AREA B)
1/4" = 1'-0"



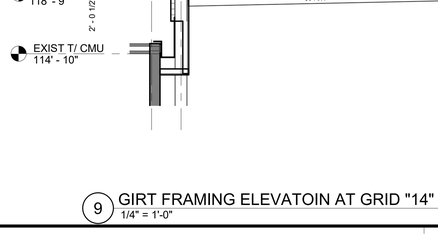
3 GIRT FRAMING ELEVATION AT GRID "13" - LOOKING NORTH
1/4" = 1'-0"



5 GIRT FRAMING ELEVATION AT GRID "E" - LOOKING EAST
1/4" = 1'-0"



4 GIRT FRAMING ELEVATION AT GRID "15" - LOOKING NORTH
1/4" = 1'-0"



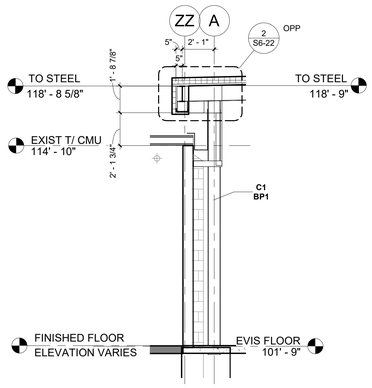
6 EAST GIRT FRAMING ELEVATION AT GRID "13" - LOOKING NORTH
1/4" = 1'-0"

SHEET NOTES

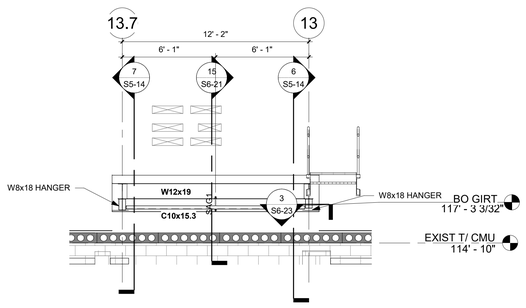
A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY STEEL FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.
B. ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
C. ALL FASTENERS SHALL BE GALVANIZED, UNO.
D. TOUCH UP ANY FIELD WELDS WITH COLD GAL PAINT.
E. SG1 - INDICATES 5/8" DIA SAG ROD WITH DOUBLE NUT TOP AND BOTTOM. SPOIL THREADS AFTER INSTALLATION.

GIRT END CONNECTION REACTIONS (ASD)

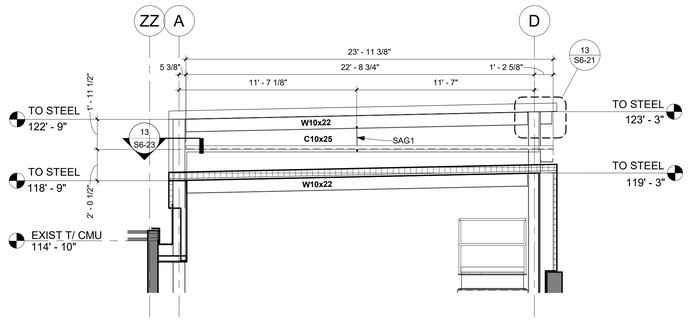
SHAPE	VERTICAL (KIP)	HORIZONTAL (KIP)
C10x15.3	0.5	2.0
C10x20	0.5	2.0
C10x25	0.5	2.0



7 EAST GIRT FRAMING ELEVATION AT GRID "13.7" - LOOKING SOUTH
1/4" = 1'-0"



8 EAST GIRT FRAMING ELEVATION - EAST OF GRID "A"
1/4" = 1'-0"



9 GIRT FRAMING ELEVATOIN AT GRID "14" - LOOKING SOUTH
1/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HOBIN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

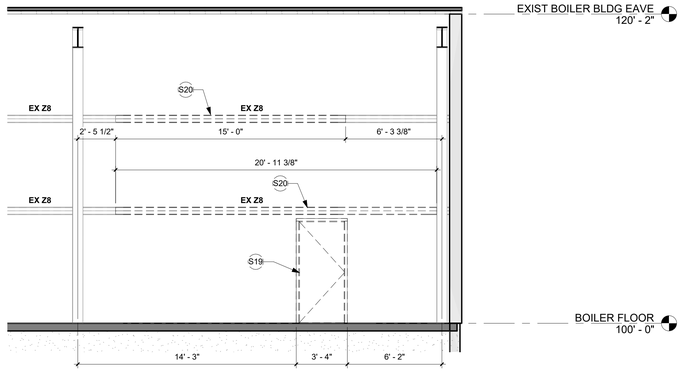
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

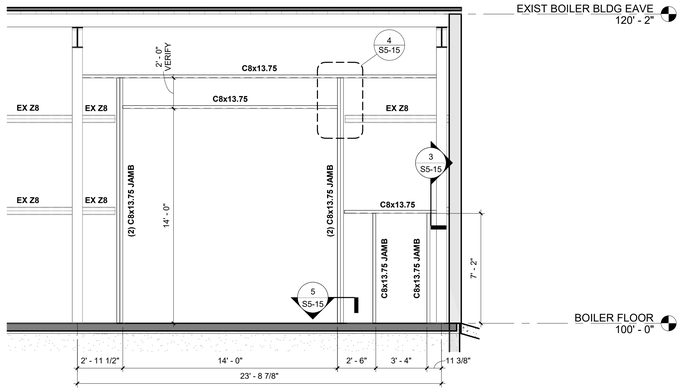
STRUCTURAL FRAMING ELEVATIONS

SHEET

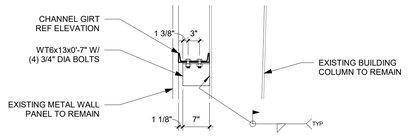
S5-14



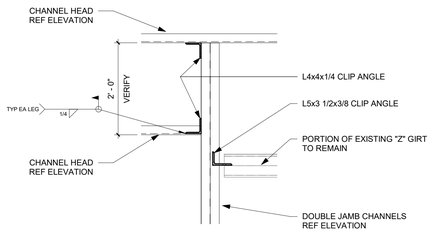
1 GIRT FRAMING ELEVATION AT BOILER BUILDING (EXIST/DEMO)
1/4" = 1'-0"



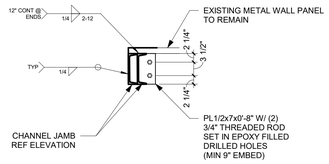
2 GIRT FRAMING ELEVATION AT BOILER BUILDING (NEW CONSTRUCTION)
1/4" = 1'-0"



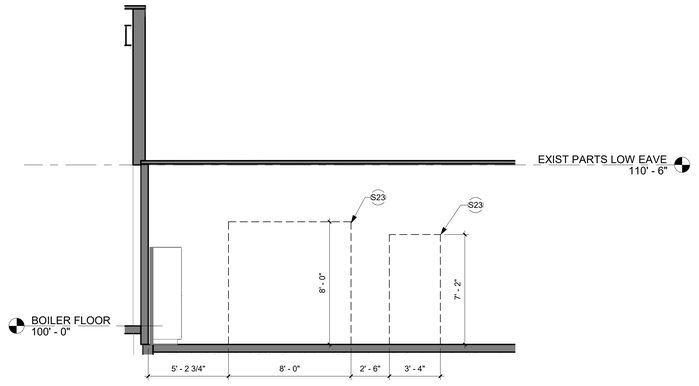
3 GIRT CONN @ EXIST COLUMN
3/4" = 1'-0"



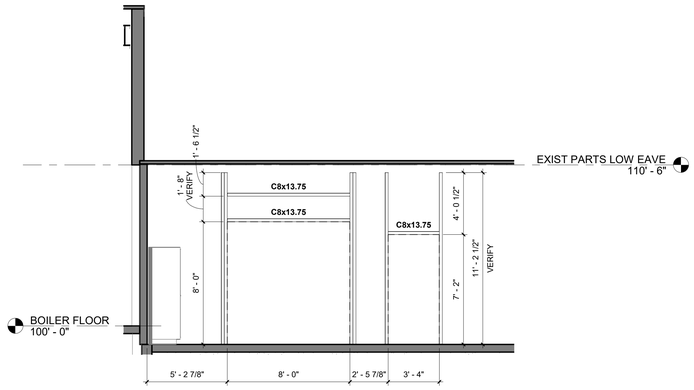
4 GIRT CONN AT BOILER BLDG OH DOOR
3/4" = 1'-0"



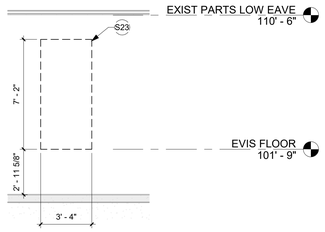
5 DOUBLE JAMB CONN
3/4" = 1'-0"



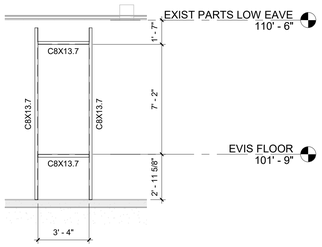
6 GIRT FRAMING ELEVATION AT MAINTENANCE (EXIST/DEMO)
1/4" = 1'-0"



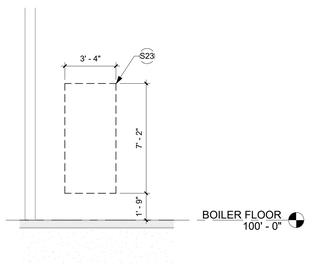
7 GIRT FRAMING ELEVATION AT MAINTENANCE (NEW CONSTRUCTION)
1/4" = 1'-0"



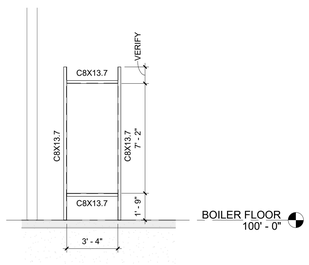
GIRT FRAMING @ EAST WALK DOOR-MAINTENANCE SHOP (EXIST/DEMO)
8 1/4" = 1'-0"



GIRT FRAMING @ EAST WALK DOOR-MAINTENANCE SHOP (NEW CONSTRUCTION)
9 1/4" = 1'-0"



GIRT FRAMING @ EAST WALK DOOR - BOILER BLDG (EXIST/DEMO)
10 1/4" = 1'-0"



GIRT FRAMING @ EAST WALK DOOR - BOILER BLDG (NEW CONSTRUCTION)
11 1/4" = 1'-0"

SHEET NOTES

A. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. VERIFY CONSTRUCTABILITY OF ALL DRAWINGS PRIOR TO ANY STEEL FABRICATION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OR CONFLICTS THAT ARE FOUND DURING SITE VERIFICATION.

KEYNOTE LEGEND

S19	REMOVE EXISTING WALK DOOR AND FRAMING.
S20	REMOVE PORTION OF EXISTING WALL GIRT FOR NEW OVERHEAD DOOR AS REQUIRED. VERIFY WITH NEW DOOR SPECIFICATIONS.
S23	REMOVE PORTION OF WALL PANEL AND STRUCTURAL FRAMING FOR NEW DOOR OPENING. FIELD VERIFY EXISTING CONDITIONS.

GIRT END CONNECTION REACTIONS (ASD)

SHAPE	VERTICAL (KIP)	HORIZONTAL (KIP)
C10x15.3	0.5	2.0
C10x20	0.5	2.0
C10x25	0.5	2.0

ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HODIN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

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FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

STRUCTURAL FRAMING ELEVATION AND DETAILS

SHEET

S5-15

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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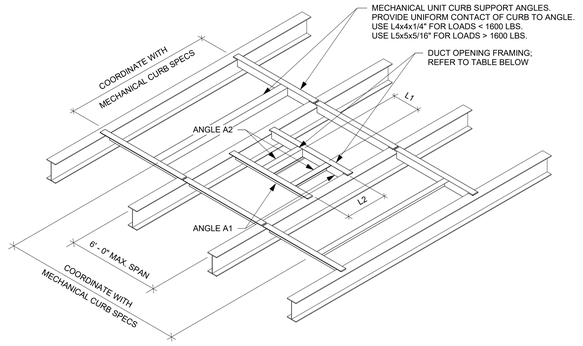
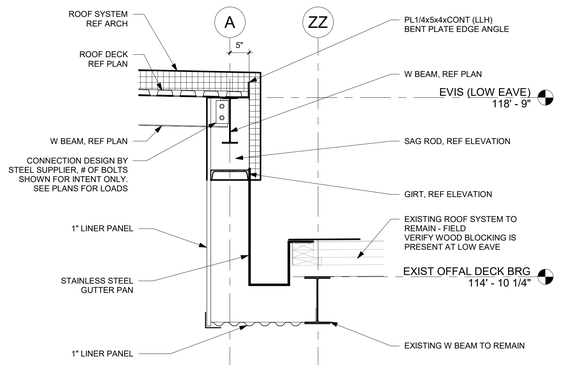


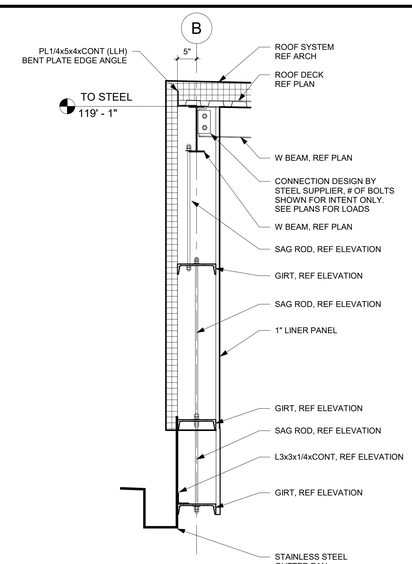
ROOF OPENING FRAMING LEGEND		
L1 OR L2 (WHICHEVER IS LARGER)	ANGLE A1	ANGLE A2
≤ 1' - 0"	NONE REQUIRED	NONE REQUIRED
≤ 2' - 0"	L3x3x3/16	L2x2x3/16
≤ 3' - 0"	L3 1/2x3x1/4 (LLV)	L3x3x3/16
≤ 4' - 0"	L4x3x1/4 (LLV)	L3x3x1/4
≤ 5' - 0"	L5x3x1/4 (LLV)	L3 1/2x3 1/2x1/4
≤ 6' - 0"	L6x4x5/16 (LLV)	L4x4x1/4

1. FRAMING LEGEND SHALL BE USED AT ALL NEW ROOF OPENINGS THAT EXCEED 1' - 0" IN EITHER DIRECTION, TYPICAL UNO.
2. REFER TO MECHANICAL DOCUMENTS FOR SIZE AND LOCATION OF ALL DUCT PENETRATIONS THROUGH ROOF.
3. REFER TO STRUCTURAL DOCUMENTS FOR ADDITIONAL OR ALTERNATE FRAMING METHODS.

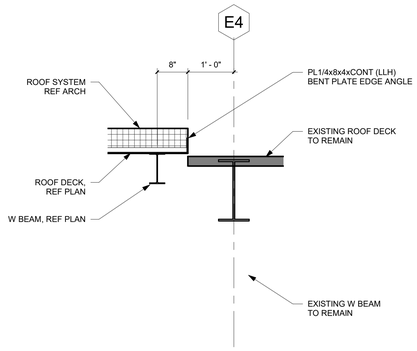
1 MECHANICAL CURB AND ROOF OPENING SUPPORT DETAIL
3/8" = 1'-0"



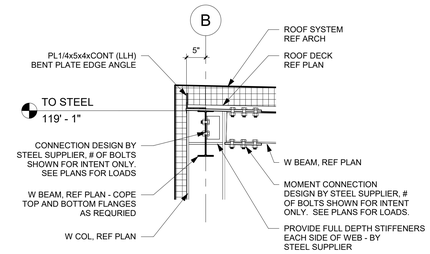
2 SAG ROD (EAST)
3/4" = 1'-0"



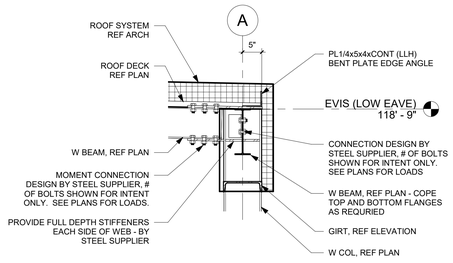
3 SAG ROD (WEST) AREA A
3/4" = 1'-0"



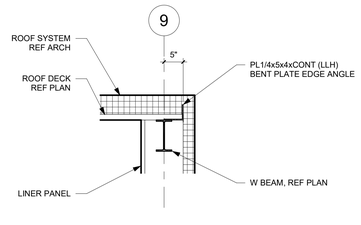
4 NORTH ROOF TRANSITION
3/4" = 1'-0"



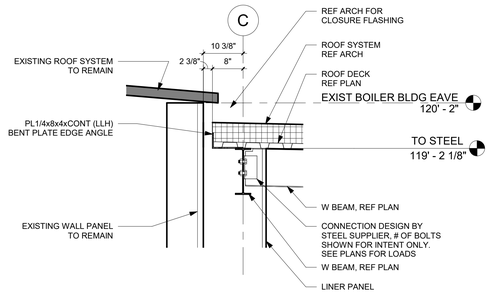
5 GRID "B" HIGH EAVE BEAM TO COL CONN @ W8 (MOMENT CONN)
3/4" = 1'-0"



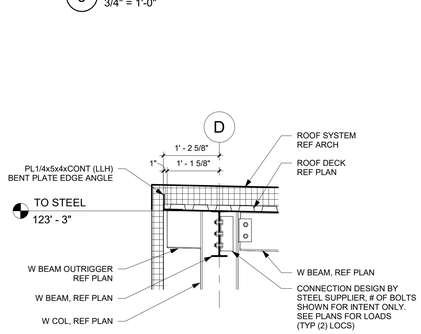
6 GRID "A" LOW EAVE BEAM TO COL CONN @ W8 (MOMENT CONN)
3/4" = 1'-0"



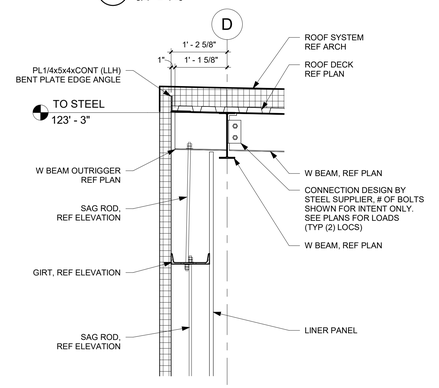
7 ROOF EDGE AT GRID "9"
3/4" = 1'-0"



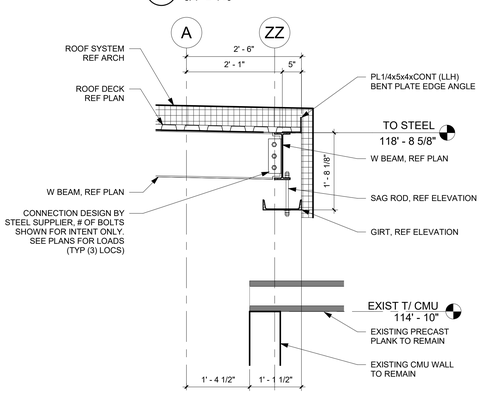
8 GRID "C" HIGH EAVE BEAM TO BEAM CONNECTION
3/4" = 1'-0"



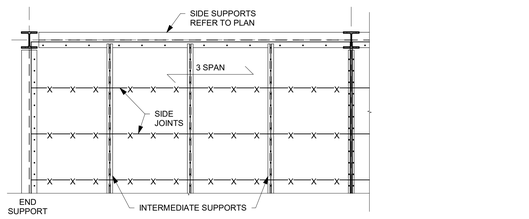
9 GRID "A" LOW EAVE BEAM TO BEAM CONNECTION @ W10
3/4" = 1'-0"



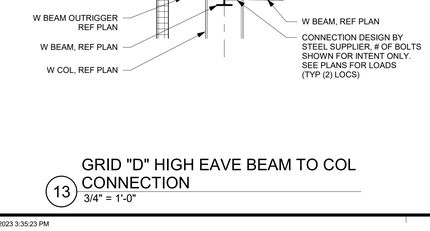
10 GRID "A" LOW EAVE BEAM TO COL CONN @ W10 (MOMENT CONN)
3/4" = 1'-0"



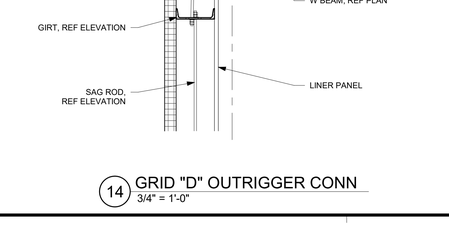
11 GRID "C" HIGH EAVE BEAM TO COL CONN @ W10 (MOMENT CONN)
3/4" = 1'-0"



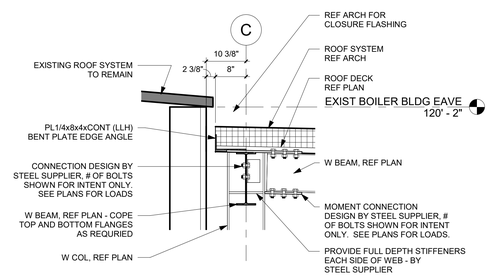
12 W BEAM TO COL CONNECTION AT GRID "12.4"
3/4" = 1'-0"



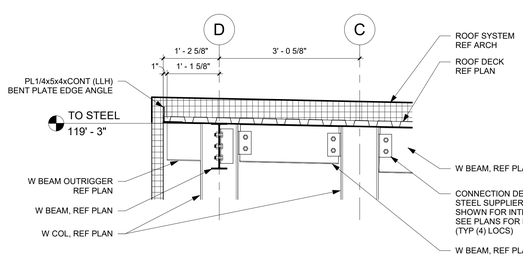
13 GRID "D" HIGH EAVE BEAM TO COL CONNECTION
3/4" = 1'-0"



14 GRID "D" OUTRIGGER CONN
3/4" = 1'-0"



15 GRID "A' OUTRIGGER @ BRIDGE
3/4" = 1'-0"



12 W BEAM TO COL CONNECTION AT GRID "12.4"
3/4" = 1'-0"

FASTENING REQUIREMENTS

END SUPPORTS.....HILTI X-HSN24 @ 36/5
INTERMEDIATE SUPPORTS.....HILTI X-HSN24 @ 36/5
SIDE SUPPORTS.....HILTI X-HSN24 @ 20" OC
SIDE LAP JOINTS.....(3) #10 TEK SCREWS EQUAL SPACED

NOTES:

1. SIDE JOINTS SHALL BE FASTENED W/ (3) #10 TEK SCREW SIDELAP FASTENERS SPACED EQUALLY PER SPAN MINIMUM.
2. DECK MUST BE LAID OUT AS (3) SPAN CONDITION.
3. X INDICATES SIDE LAP FASTENERS.
4. ⚬ INDICATES SUPPORT FASTENERS.

16 DECK ATTACHMENT PATTERN
3/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1' 2'

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ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HOBIN

PROJECT

PILGRIMS

EVIS RENOVATION

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REVISION SCHEDULE

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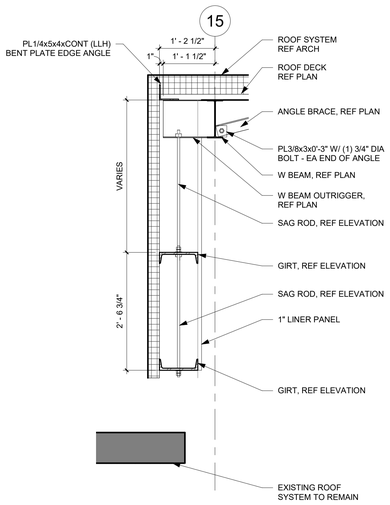
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

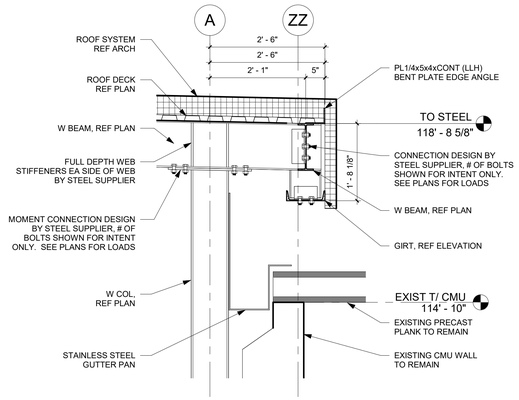
FRAMING DETAILS

SHEET

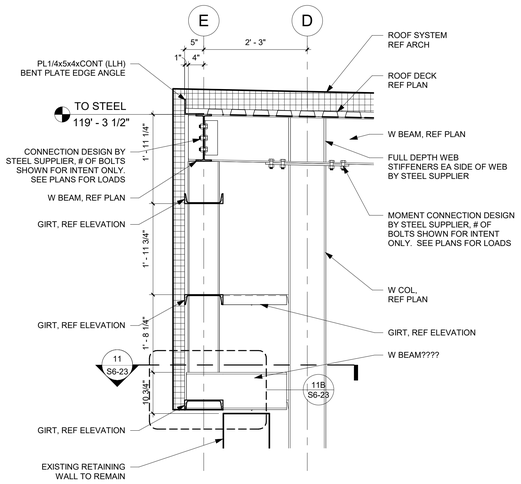
S6-21



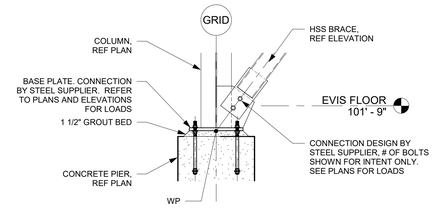
1 GRID "15" OUTRIGGER CONNECTION
3/4" = 1'-0"



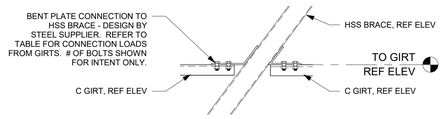
2 LOW EAVE CONNECTION AT BRIDGE (MOMENT CONN)
3/4" = 1'-0"



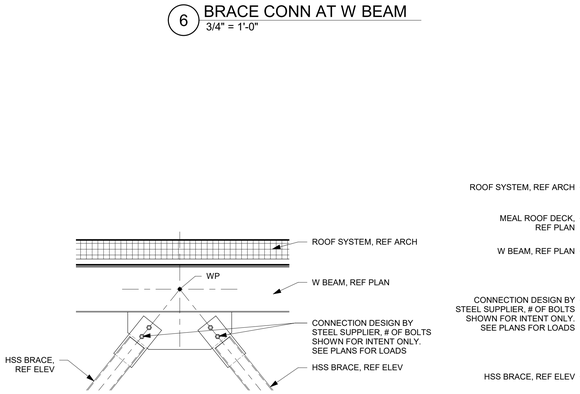
3 HIGH EAVE CONNECTION AT BRIDGE (MOMENT CONN)
3/4" = 1'-0"



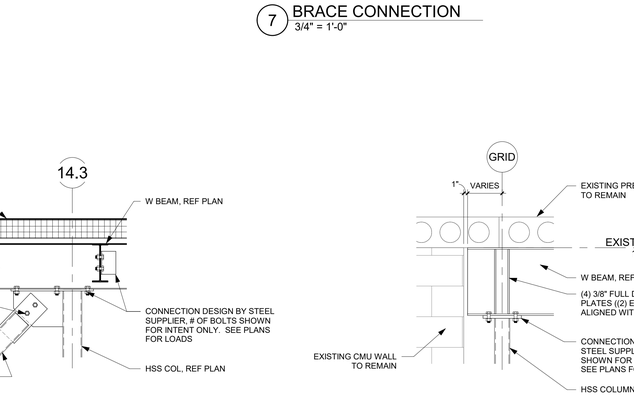
4 BRACE CONN AT COL BASE
3/4" = 1'-0"



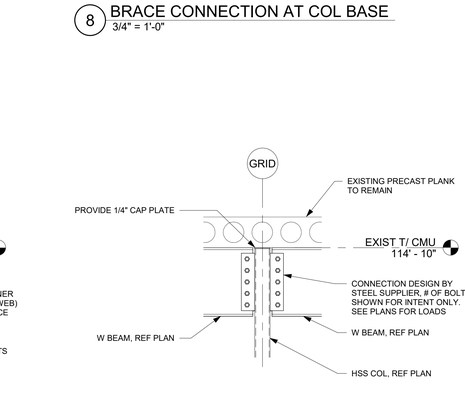
5 GIRT TO BRACE CONNECTION
3/4" = 1'-0"



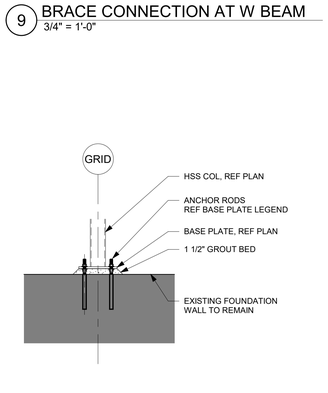
6 BRACE CONN AT W BEAM
3/4" = 1'-0"



7 BRACE CONNECTION
3/4" = 1'-0"

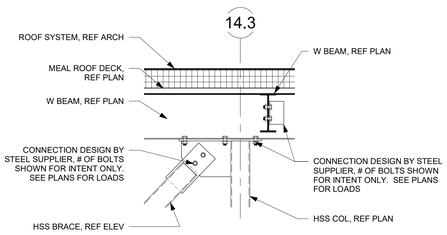


8 BRACE CONNECTION AT COL BASE
3/4" = 1'-0"

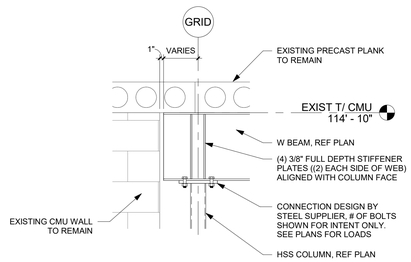


9 BRACE CONNECTION AT W BEAM
3/4" = 1'-0"

10 BRACE CONNECTION AT GIRT AND W BEAM
3/4" = 1'-0"



11 BRACE CONNECTION @ HSS COL
3/4" = 1'-0"



12 W BEAM BEARING AT EXISTING PRECAST BRG
3/4" = 1'-0"

13 W BEAM TO HSS COL CONNECTION
3/4" = 1'-0"

14 HSS COLUMN TO EXISTING CONNECTION
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:35:27 PM

ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HOBIN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

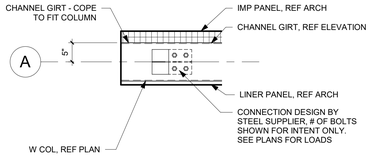
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

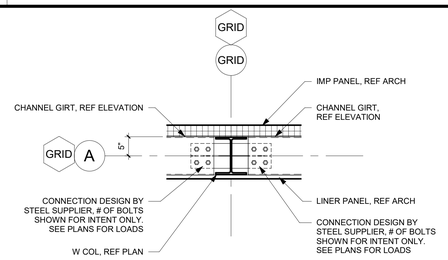
FRAMING DETAILS

SHEET

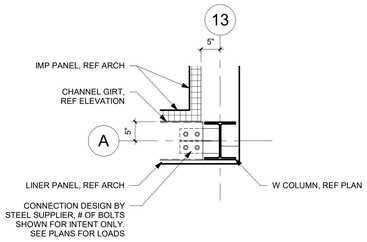
S6-22



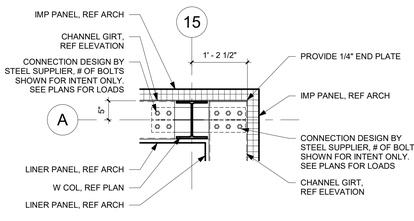
1 GIRT CONN @ CORNER COL
3/4" = 1'-0"



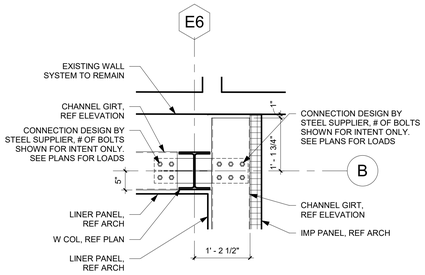
2 TYP GIRT CONNECTION
3/4" = 1'-0"



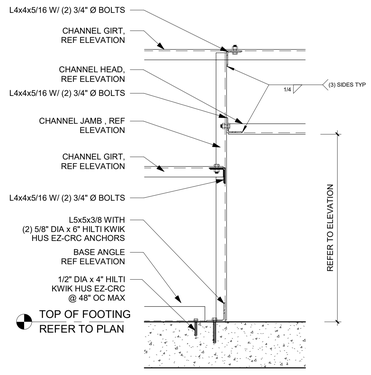
3 GIRT CONN @ EAST BRIDGE BUMPOUT
3/4" = 1'-0"



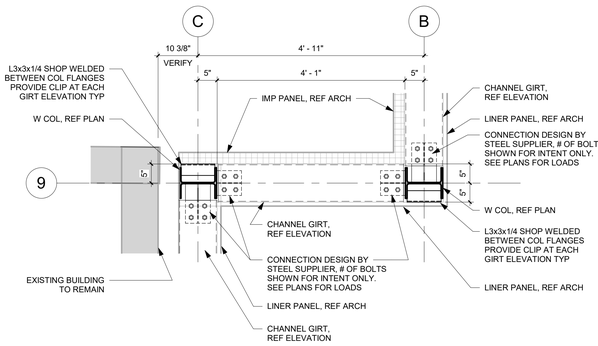
4 GIRT CONN @ GRID A/15
3/4" = 1'-0"



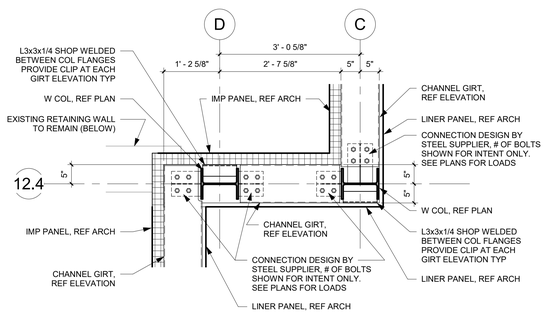
5 GIRT CONN @ GRID E6
3/4" = 1'-0"



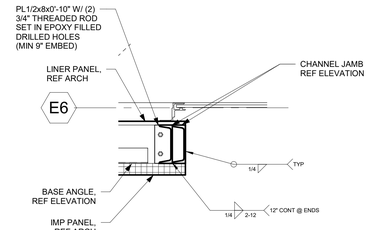
6 STEEL FRAMING AT OPENING DETAIL
3/4" = 1'-0"



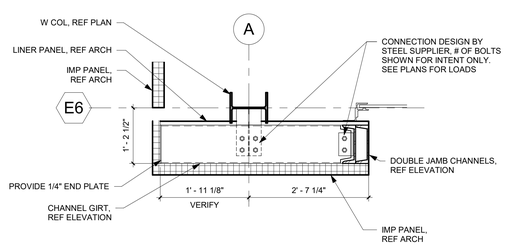
7 GIRT CONNECTIONS AT GRID "9"
3/4" = 1'-0"



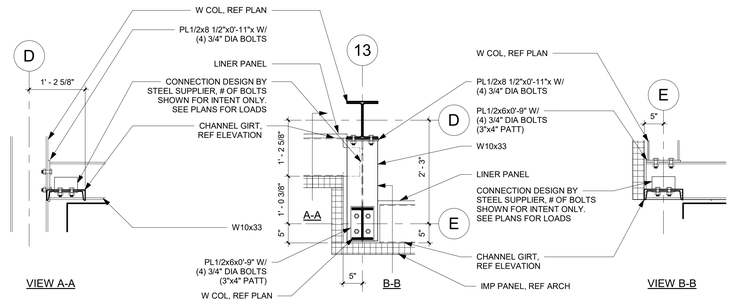
8 GIRT CONNECTION AT GRID "12.4"
3/4" = 1'-0"



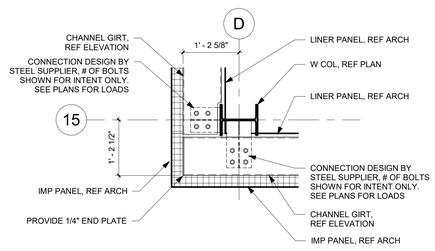
9 DOUBLE JAMB BASE PLATE
3/4" = 1'-0"



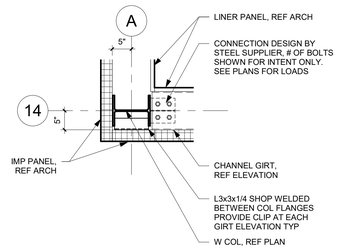
10 GIRT CONN AT DOUBLE JAMB
3/4" = 1'-0"



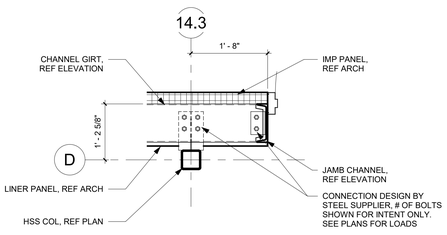
11 WEST GIRT CONN AT BRIDGE
3/4" = 1'-0"



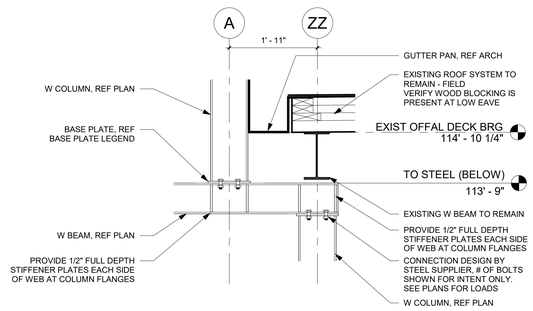
12 GIRT CONN @ GRID D/15
3/4" = 1'-0"



13 GIRT CONN AT ROOF TRANSITION
3/4" = 1'-0"



14 GIRT CONN AT HSS COL
3/4" = 1'-0"



15 OFFSET COLUMN TO BEAM CONN
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:35:32 PM

ISG

GEORGIA REGISTERED No. 034852 Professional ENGINEER JASON E. HODIN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

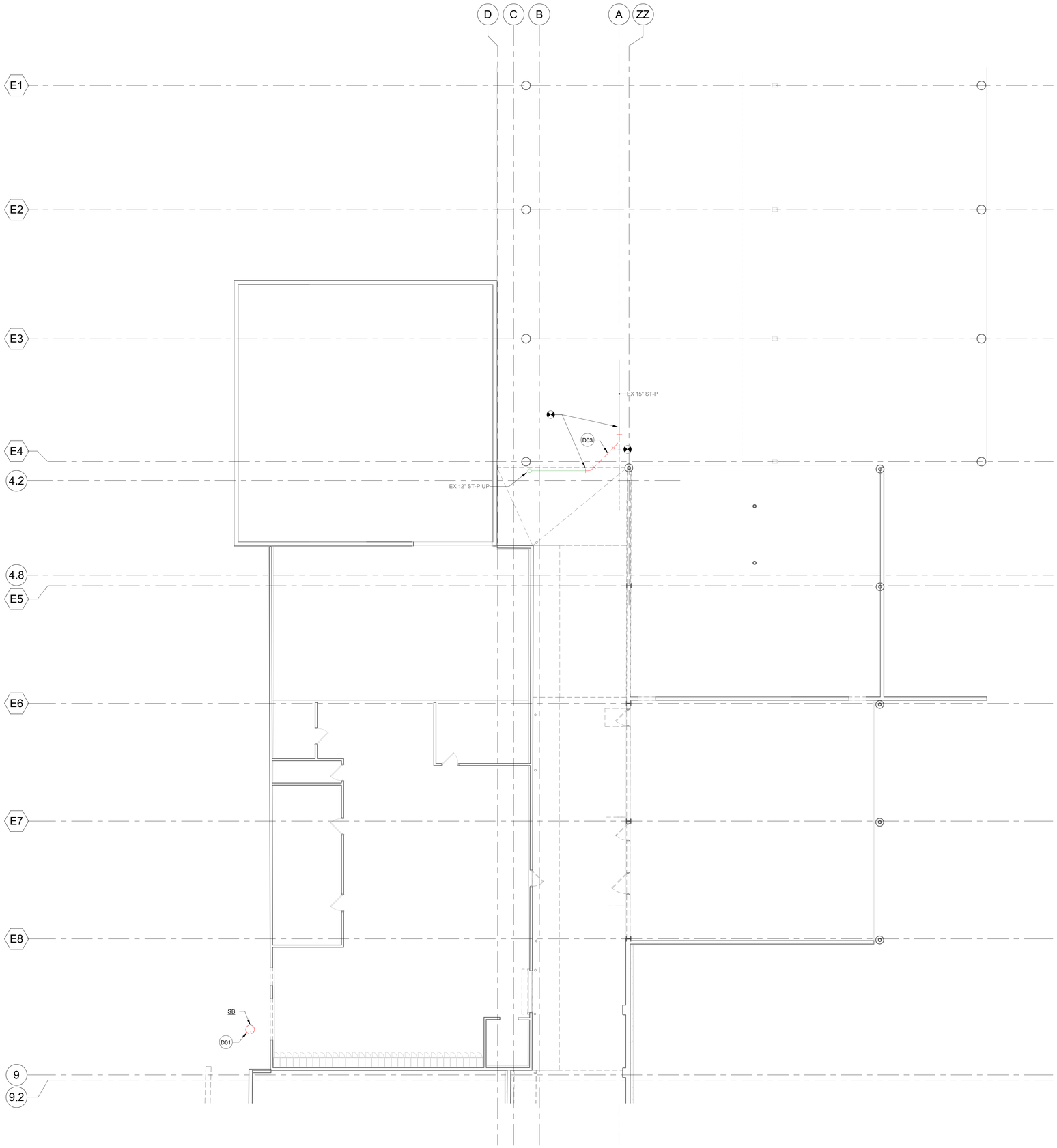
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Arch R22
DRAWN BY	MDS
DESIGNED BY	JEH
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FRAMING DETAILS

SHEET

S6-23



1 FOUNDATION STORM DEMOLITION PLAN - AREA B
1/8" = 1'-0"

SHEET NOTES

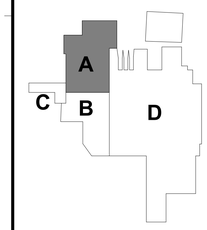
1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

D01	DEMOLISH SUMP PUMP AND ASSOCIATED PIPING.
D03	DEMOLISH STORM PIPE BELOW GRADE TO CLEAR NEW COLUMN LOCATION. EXISTING PIPING ROUTING BELOW GRADE IS SHOWN SCHEMATICALLY. FIELD VERIFY ROUTING AND DEMOLISH AS REQUIRED TO MAINTAIN EXISTING STORM FOR CANOPY ROOF.

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Mech R22.rvt
DRAWN BY	JMH
DESIGNED BY	RKD
REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FOUNDATION PLUMBING DEMOLITION PLAN - AREA A

SHEET

P1-10A

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:51:09 PM

1 FIRST FLOOR STORM DEMOLITION PLAN - AREA A
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1"

1/31/2023 3:51:13 PM

SHEET NOTES

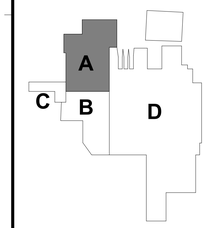
1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

D01	DEMOLISH SUMP PUMP AND ASSOCIATED PIPING.
D02	DEMOLISH STORM PIPE AND GUTTERS.

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

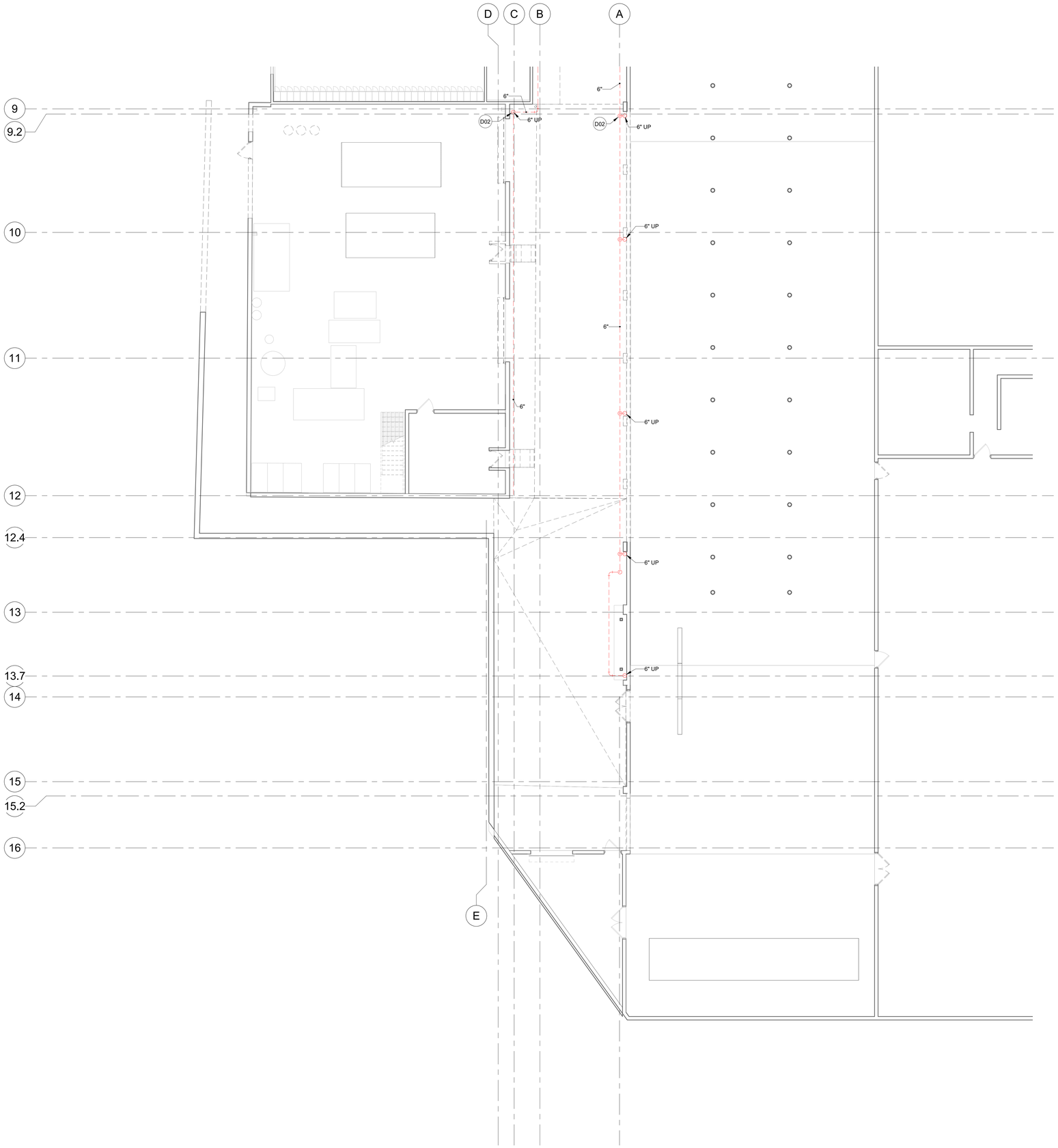
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Mech R22.rvt
DRAWN BY	JMH
DESIGNED BY	RKD
REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR PLUMBING DEMOLITION PLAN - AREA A

SHEET

P1-11A



1 FIRST FLOOR STORM DEMOLITION PLAN - AREA B
1/8" = 1'-0"

SHEET NOTES

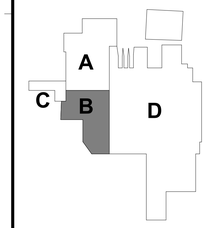
1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

D02	DEMOLISH STORM PIPE AND GUTTERS.

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Mech R22.rvt
DRAWN BY	JMH
DESIGNED BY	RKD
REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR PLUMBING DEMOLITION PLAN - AREA B

SHEET

P1-11B

N

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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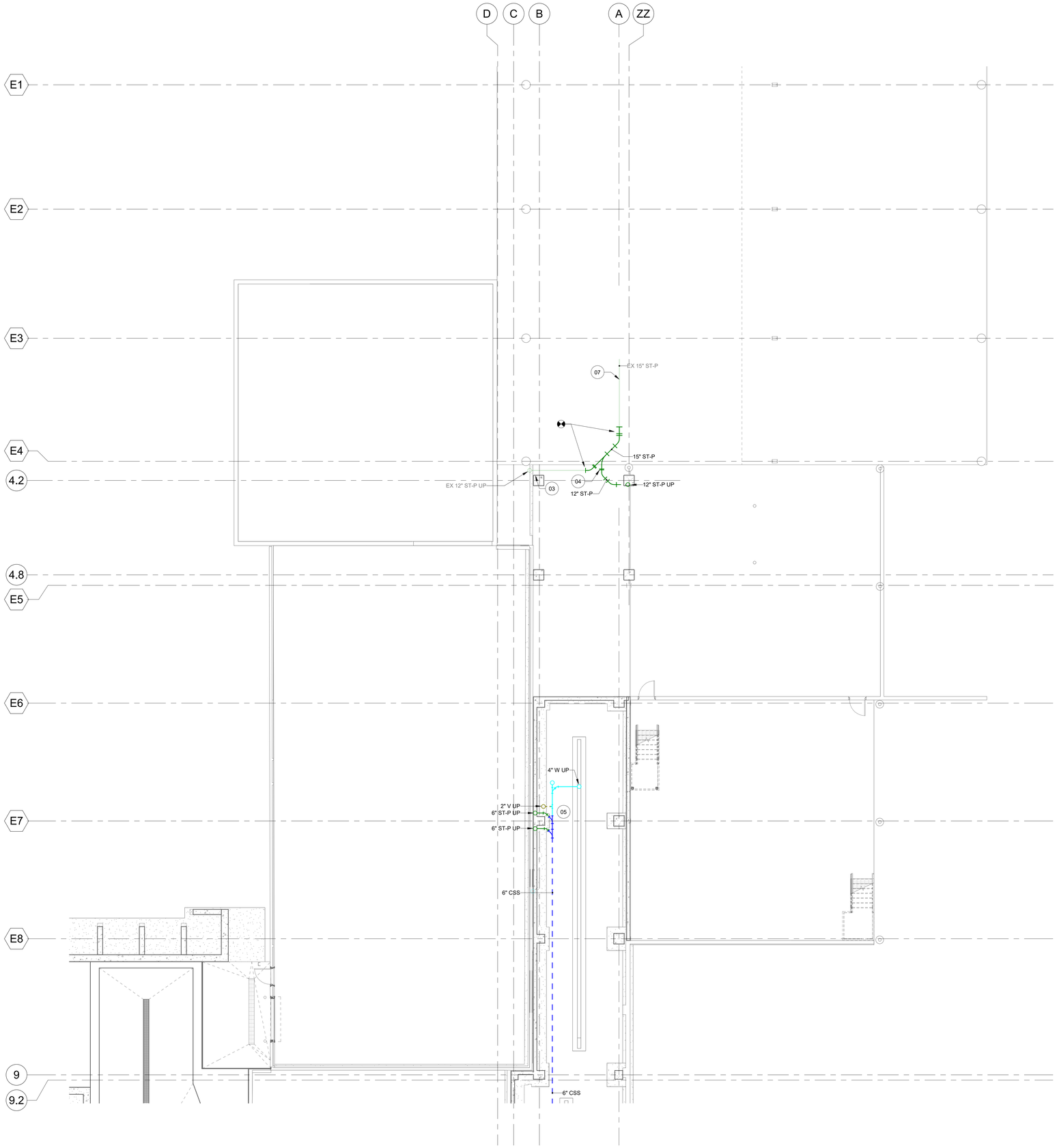


1 FOUNDATION SANITARY AND STORM PLUMBING PLAN - AREA A
1/8" = 1'-0"

SHEET NOTES

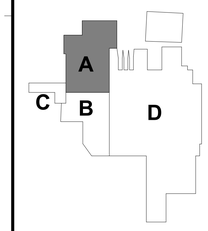
1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

03	EXISTING STORM MAIN ROUTING DROPS BELOW GRADE AND CONNECTS TO EXISTING 15" PIPE LEAVING SITE. EXACT ROUTING TO THIS PIPE IS UNKNOWN. FIELD VERIFY EXISTING ROUTING WITH NEW COLUMN AND MODIFY STORM PIPING BELOW AS REQUIRED.
04	EXACT PIPE ROUTING FOR EXISTING STORM UNKNOWN. FIELD VERIFY LOCATION AND CONNECT NEW 12" PIPE SIMILAR TO SCHEMATIC DESIGN SHOWN. PIPE SIZE SHALL BE 15" AFTER NEW CONNECTION.
05	FLOOR DRAINS TERMINATE INTO COMBINED TREATED STORM SERVICE. REFER TO CIVIL FOR SITE STORM PIPING.
07	EXISTING 15" PIPE CONTINUES ACROSS SITE TO STORM DRAINAGE. REFER TO CIVIL.

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Mech R22.rvt
DRAWN BY	JMH
DESIGNED BY	RKD
REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

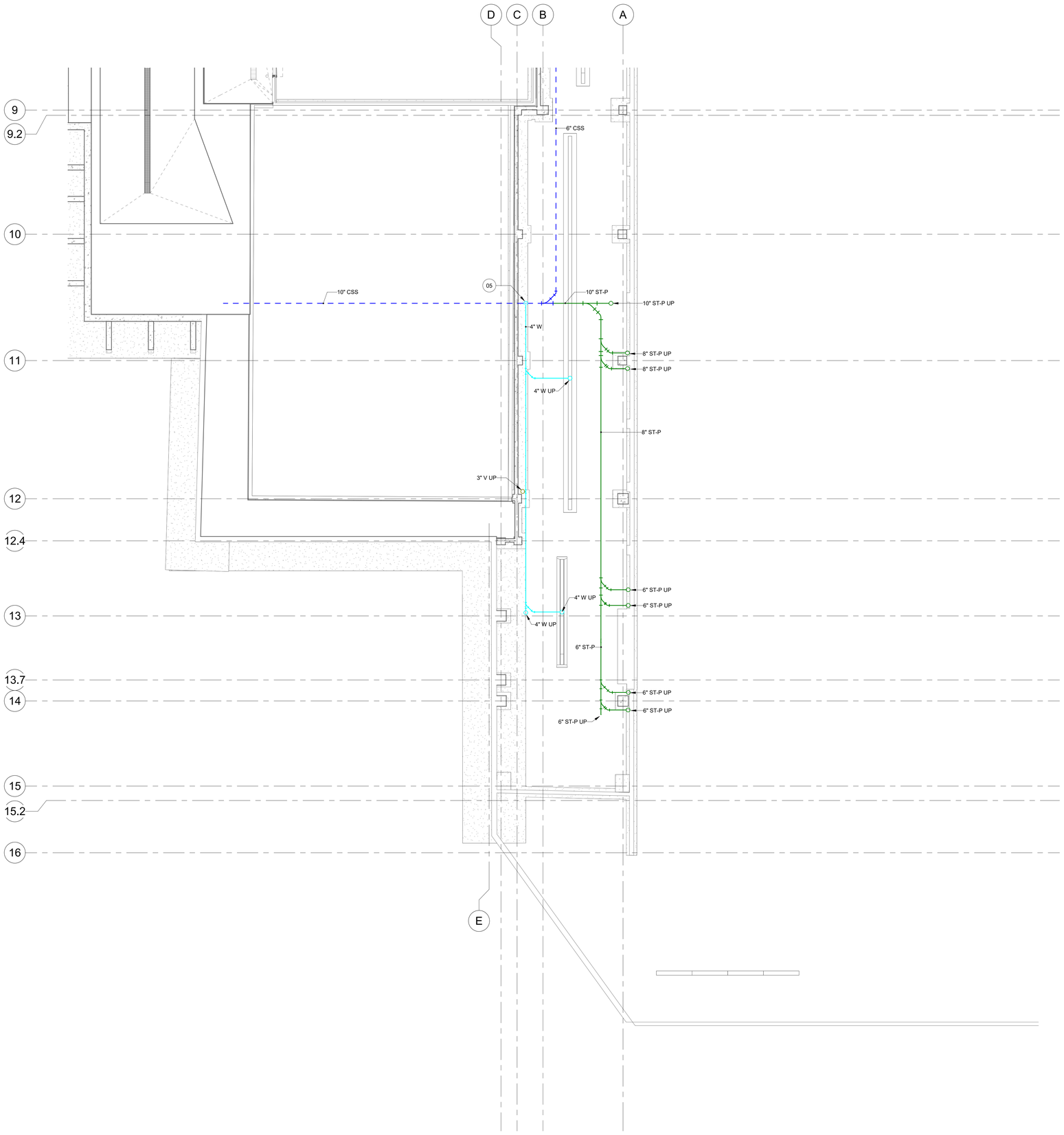
FOUNDATION SANITARY AND STORM PLUMBING PLAN - AREA A

SHEET

P2-10A

REFERENCE SCALE 1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:51:21 PM



1 FOUNDATION SANITARY AND STORM PLUMBING PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:51:26 PM

SHEET NOTES

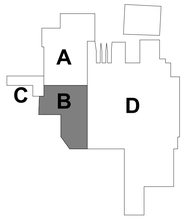
1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

05	FLOOR DRAINS TERMINATE INTO COMBINED TREATED STORM SERVICE. REFER TO CIVIL FOR SITE STORM PIPING.

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Mech R22.rvt
DRAWN BY	JMH
DESIGNED BY	RKD
REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

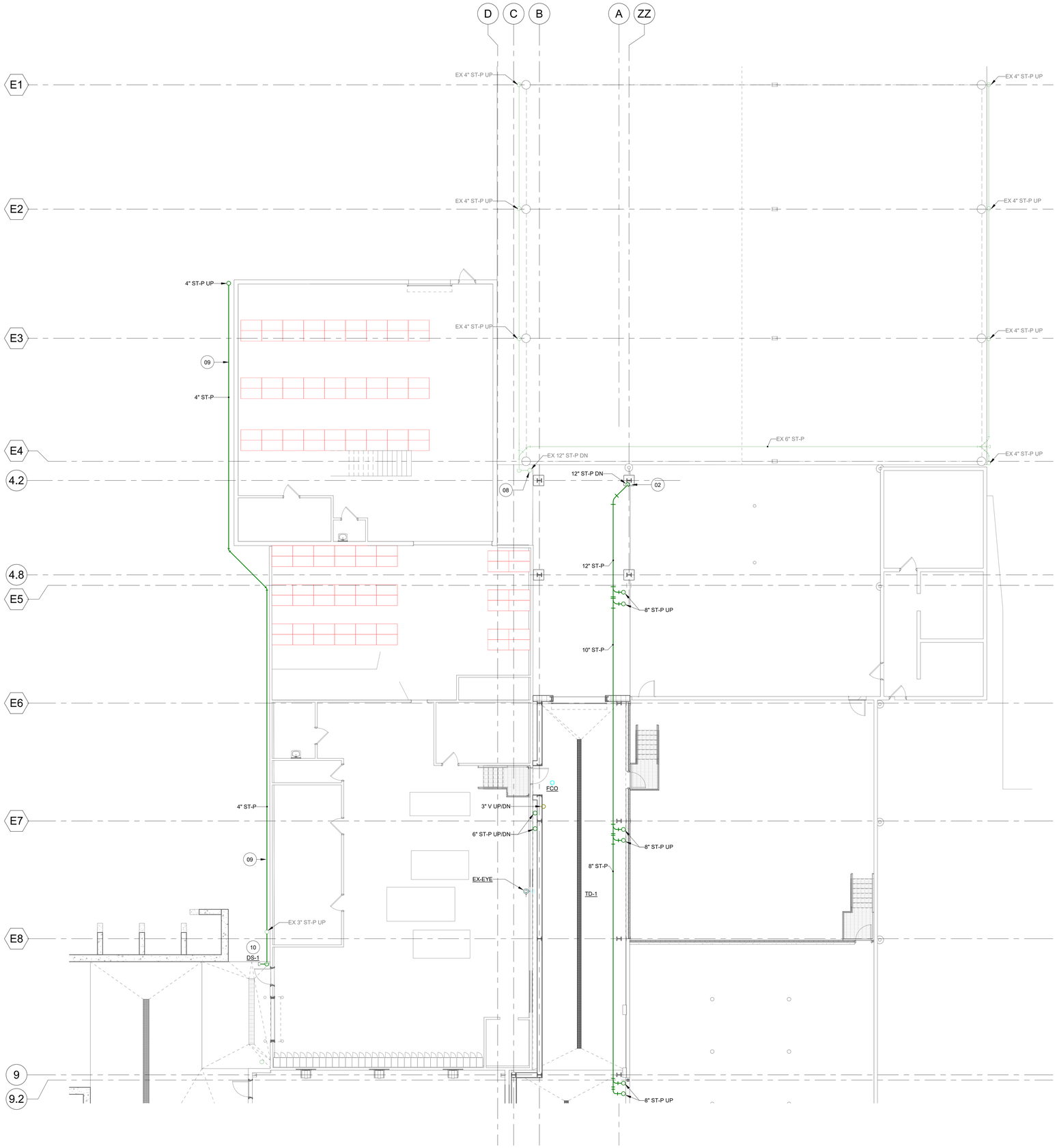
TITLE

FOUNDATION SANITARY AND STORM PLUMBING PLAN - AREA B

N

SHEET

P2-10B



1 FIRST FLOOR SANITARY AND STORM PLUMBING PLAN - AREA A
1/8" = 1'-0"

SHEET NOTES

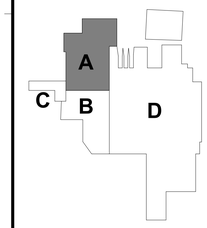
1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

02	STORM PIPE SHALL ROUTE BELOW GRADE IN EXISTING LOCATION. INTENT IS TO RUN BETWEEN NEW PROCESS CONVEYORS. FIELD VERIFY FINAL DROP LOCATION.
08	CAP EXISTING STORM PIPE TIE IN FOR DEMOLISHED PIPE.
09	INSTALL NEW STORM PIPE ALONG WALL TO DISCHARGE TO GRADE INTO NEW TREATED SUMP SYSTEM. FIELD VERIFY EXISTING DOWNSPOUT LOCATIONS AND PROVIDE NEW CONNECTIONS. MAINTAIN 1/8" / 12" SLOPE FOR ENTIRE LENGTH OF PIPE.
10	INSTALL DOWNSPOUT CAP ON NEW STORM PIPE DISCHARGING TO GRADE.

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Mech R22.rvt
DRAWN BY	JMH
DESIGNED BY	RKD
REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR SANITARY AND STORM PLUMBING PLAN - AREA A

SHEET

P2-11A

REFERENCE SCALE 1" = 1'
0 1/4" 1/2" 1" 2"

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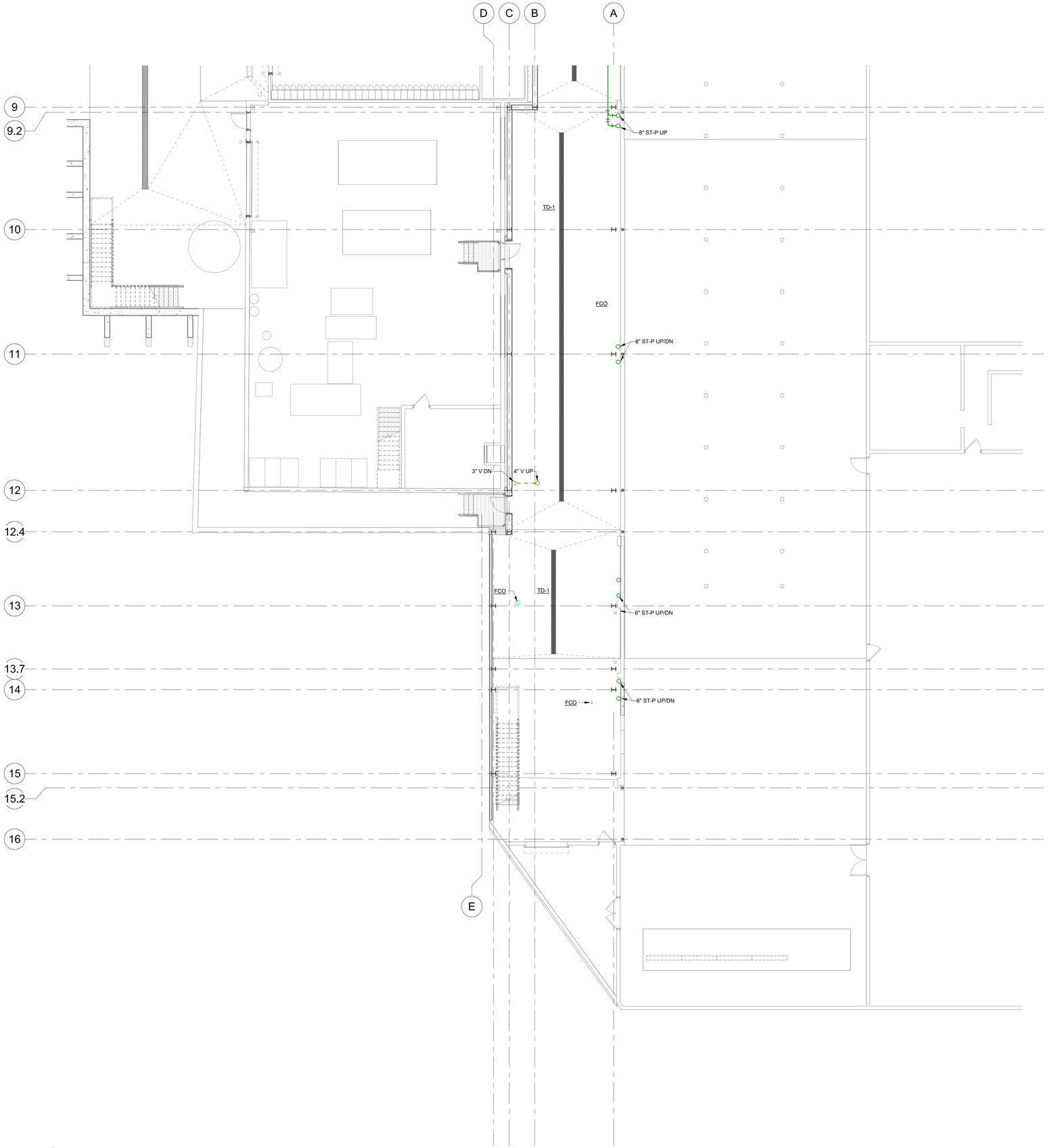


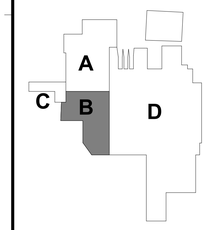
1 FIRST FLOOR SANITARY AND STORM PLUMBING PLAN - AREA B
1/8" = 1'-0"

SHEET NOTES

1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Mech R22.rvt
DRAWN BY	JMH
DESIGNED BY	RKD
REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR SANITARY AND STORM PLUMBING PLAN - AREA B

SHEET

P2-11B

N

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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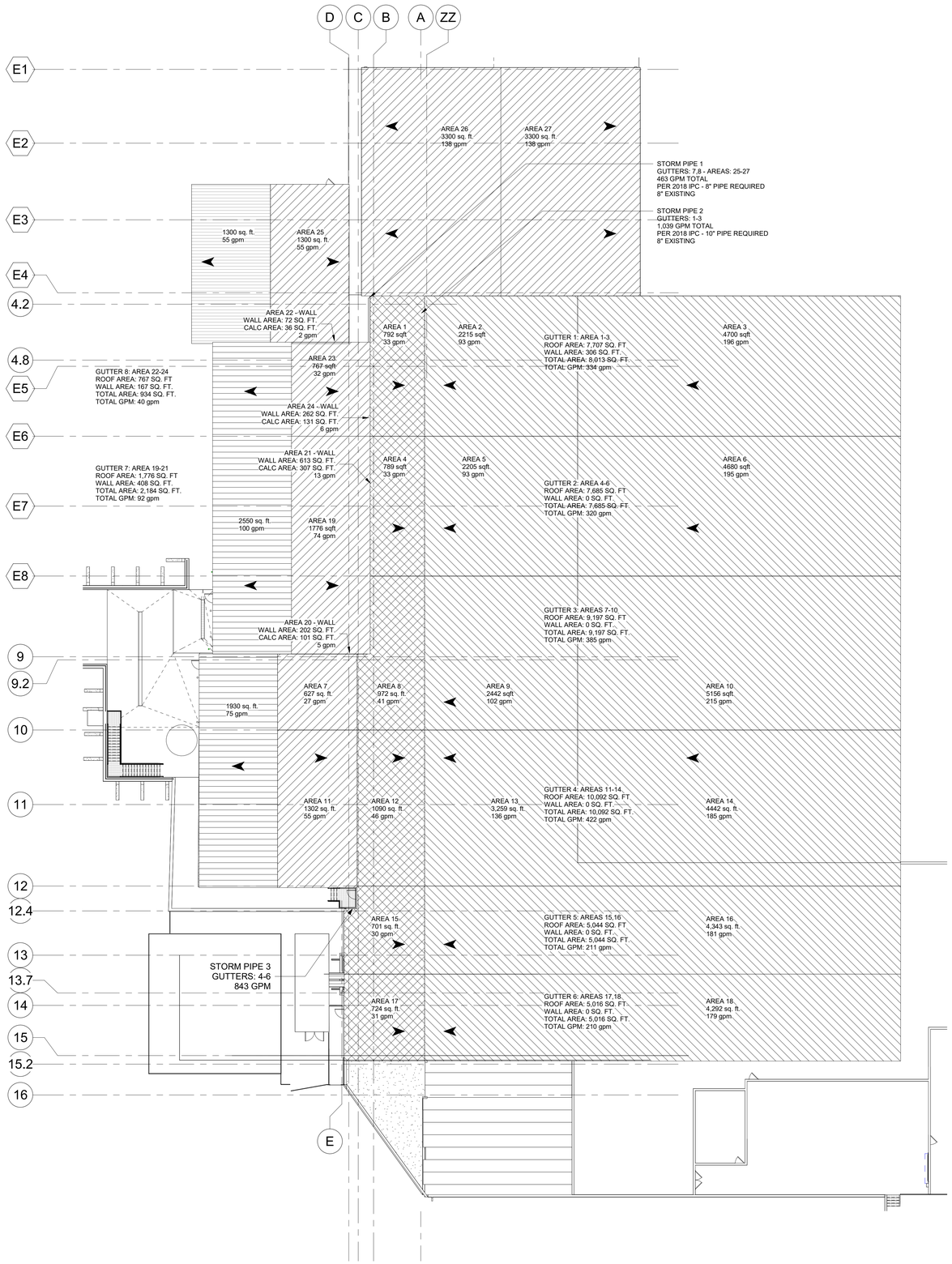

1 STORM CALCULATION PLAN
1/16" = 1'-0"

STORM WATER AREA KEY

EAST — STORM WATER IN HATCH AREA COLLECTED BY EXISTING DOWNSPOUTS AND NEW GUTTERS ROUTED TO EAST STORM MAIN CONNECTION.

WEST — STORM WATER IN HATCH AREA COLLECTED BY EXISTING DOWNSPOUTS AND NEW GUTTERS ROUTED TO WEST STORM MAIN CONNECTION.

NEW — STORM WATER IN HATCH AREA IS FOR NEW ROOF(S) IN PROJECT SCOPE. ROUTED TO EAST STORM MAIN CONNECTION VIA NEW GUTTER SYSTEM.

STORM CALCULATION PLAN NOTES:

1. AREA WATER FLOW AND PIPE SIZE DETERMINED USING 3.7" HOURLY RAINFALL RATE FOR ATLANTA GEORGIA PER 2018 IPC.
2. ARROWS DENOTE GENERAL WATER FLOW DIRECTIONS. FIELD VERIFY ROOF HEIGHTS AND STORM WATER COLLECTION METHOD FOR EACH AREA. COORDINATE WITH PLUMBING AND ARCHITECTURE.

ISG

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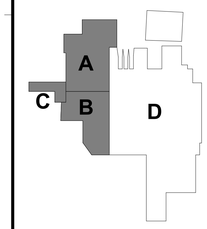

KEYPLAN

PROJECT

PILGRIMS

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STORM CALCULATION PLAN

SHEET

P2-53

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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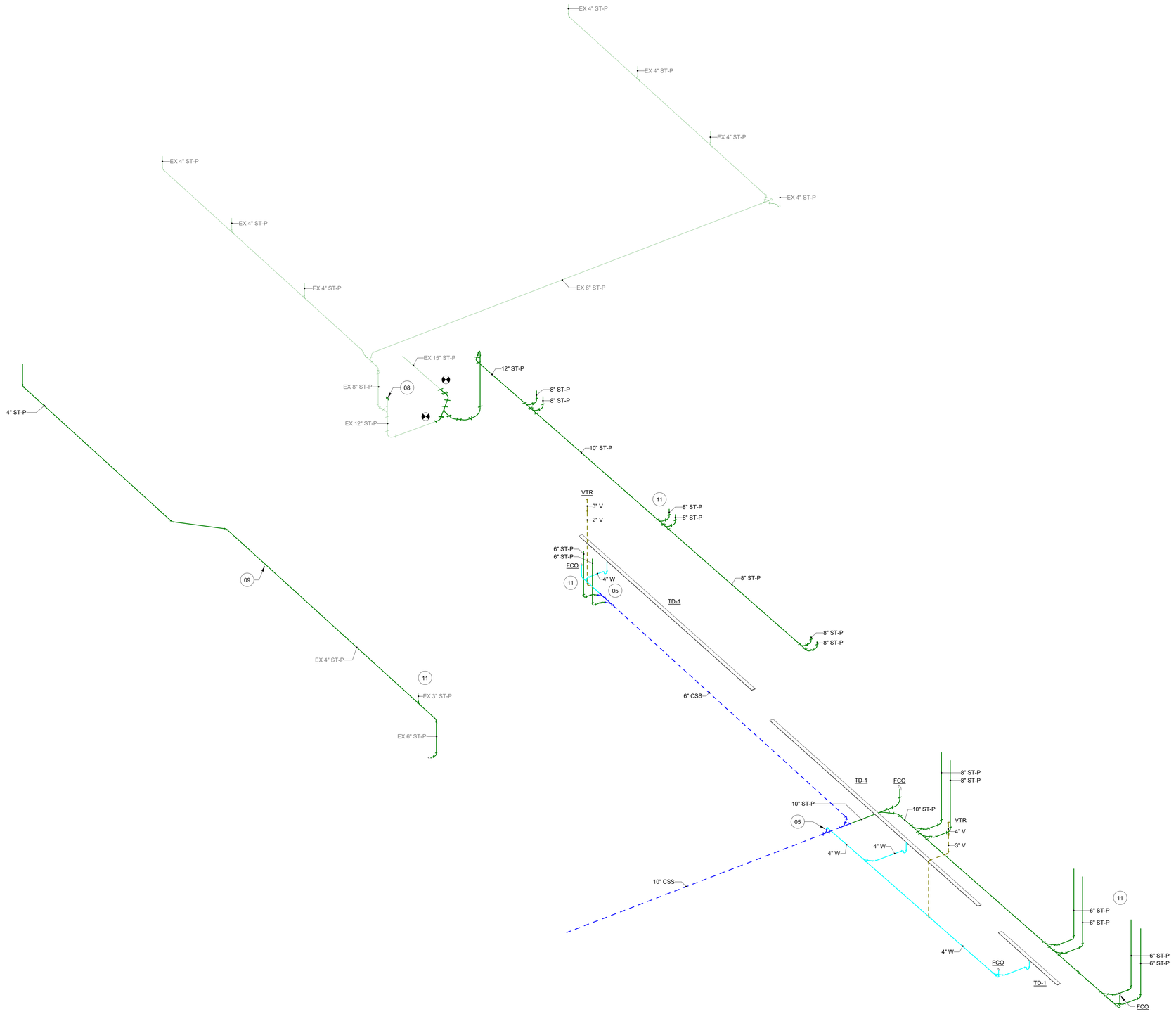
KEYNOTE LEGEND

05	FLOOR DRAINS TERMINATE INTO COMBINED TREATED STORM SERVICE. REFER TO CIVIL FOR SITE STORM PIPING.
08	CAP EXISTING STORM PIPE TIE IN FOR DEMOLISHED PIPE.
09	INSTALL NEW STORM PIPE ALONG WALL TO DISCHARGE TO GRADE INTO NEW TREATED SUMP SYSTEM. FIELD VERIFY EXISTING DOWNSPOUT LOCATIONS AND PROVIDE NEW CONNECTIONS. MAINTAIN 1/8" / 12" SLOPE FOR ENTIRE LENGTH OF PIPE.
11	STORM DOWNSPOUTS TERMINATE TO BUILDING GUTTERS. (TYP.)



1 DRAIN, WASTE, AND VENT 30° ISOMETRIC

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:51:37 PM

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH

PROJECT

PILGRIMS

EVIS RENOVATION

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TITLE

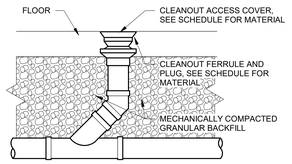
DRAIN, WASTE, AND VENT ISOMETRICS

SHEET

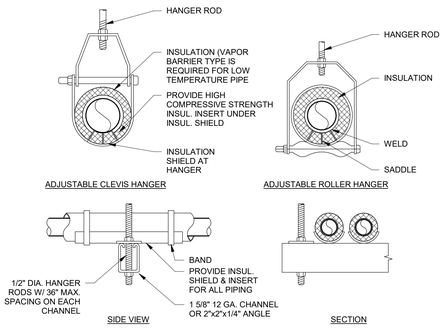
P3-11

PLUMBING FIXTURE SCHEDULE

FIXTURE	MFG	MODEL	FINISH / COLOR	TRIM MFG	TRIM MODEL	TRIM TYPE	WASTE	VENT	COLD WATER	HOT WATER	NOTES
DS-1	JAY R SMITH	1175-U	STAINLESS STEEL	-	-	-					SEE PLANS FOR SIZE.
FCO	JAY R SMITH	4120 SERIES	NICKEL BRONZE	-	-	-	VARIES				SEE PLANS FOR SIZE
TD-1				FIBERGRATE	HLC-12-1-1/2	FIBERGLASS GRATE	4"				TRENCH SHALL BE PREFORMED STAINLESS STEEL, REFER TO STRUCTURAL. PROVIDE HIGH LOAD CAPACITY 12" WIDE, 1-1/2" THICK FIBERGLASS GRATE. REFER TO STRUCTURAL.



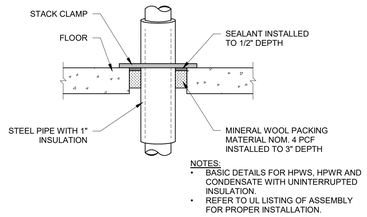
1 CLEANOUT DETAIL
1/8" = 1'-0"



NOTE: SEE MFGR. THREADED ROD DATA FOR LOAD CARRYING CAPACITIES
ROD: ASTM.A36

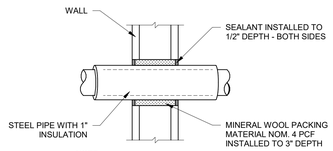
MAXIMUM PIPE SUPPORT SPACING - FEET																		
NOMINAL SIZE	THRU 3/4"	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
STEEL PIPE - STD. WT.	7 FT.	7	7	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32
COPPER PIPE	5 FT.	6	7	8	8	9	10	12	13	14	16	--	--	--	--	--	--	--
SCH. 40 PVC (100')	4 FT.	4	4	5	5	5	5	5	6	6	--	--	--	--	--	--	--	--
NOTE: FOR TRAPEZE HANGER, TAKE SPACING OF SMALLEST SIZE ON TRAPEZE																		

2 PIPE SUPPORT
1/8" = 1'-0"



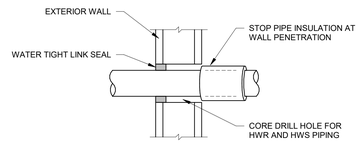
NOTES:
- BASIC DETAILS FOR HPWS, HPWR AND CONDENSATE WITH UNINTERRUPTED INSULATION.
- REFER TO UL LISTING OF ASSEMBLY FOR PROPER INSTALLATION.

3 PIPE WITH INSULATION FLOOR PENETRATION DETAIL
3" = 1'-0"



NOTE:
- BASIC DETAILS FOR HPWS, HPWR AND CONDENSATE WITH UNINTERRUPTED INSULATION. REFER TO UL LISTING OF ASSEMBLY FOR PROPER INSTALLATION.

4 PIPE WITH INSULATION WALL PENETRATION DETAIL
3" = 1'-0"



5 PIPE EXTERIOR WALL PENETRATION DETAIL
3" = 1'-0"

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

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REVIEWED BY	RKD
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CLIENT PROJECT NO.	

TITLE

PLUMBING DETAILS AND SCHEDULES

SHEET

P6-11

REFERENCE SCALE
1" = 1'
0 1/4" 1" 2"

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HVAC ANNOTATION LEGEND

AC-#	- AIR COMPRESSOR	HX-#	- HEAT EXCHANGER
AHU-#	- AIR HANDLING UNIT	KEF-#	- KITCHEN EXHAUST FAN
AS-#	- AIR SEPARATOR	L-#	- LOUVER
B-#	- BOILER	MAU-#	- MAKE-UP AIR UNIT
BC-#	- BOOSTER COIL	MS-#	- MINISPLIT INDOOR UNIT
CAT-#	- COMPRESSED AIR TANK	P-#	- PUMP
CF-#	- CIRCULATION FAN	CWP-#	- CHILLED WATER PUMP
CH-#	- CHILLER	HWP-#	- HYDRONIC WATER PUMP
CC-#	- COOLING COIL	PTAC-#	- PACKAGE TERMINAL AIR CONDITIONER
CU-#	- CONDENSING UNIT	RIH-#	- ROOF INTAKE HOOD
CUH-#	- CABINET UNIT HEATER	RM-#	- RADIANT MANIFOLD
CV-#	- CONVECTOR	RRH-#	- ROOF RELIEF HOOD
DC-#	- DUST COLLECTOR	RTU-#	- ROOF TOP UNIT
DOAS-#	- DEDICATED OUTDOOR AIR SYSTEM	SA-#	- SOUND ATTENUATOR
EB-#	- ELECTRIC BASEBOARD	SG-#	- STEAM GENERATOR
EF-#	- EXHAUST FAN	SS-#	- SIDE STREAM FILTER
ERV-#	- ENERGY RECOVERY VENTILATOR	TF-#	- TRANSFER FAN
ET-#	- EXPANSION TANK	UV-#	- UNIT VENTILATOR
EUH-#	- ELECTRIC UNIT HEATER	V-#-#	- VAV BOX - V-(AHU #)-(BOX #)
EWH-#	- ELECTRIC WALL HEATER	A.F.F.	- ABOVE FINISH FLOOR
F-#	- FURNACE	N.I.C.	- NOT IN CONTRACT
FC-#	- FAN COIL UNIT	EA	- EXHAUST AIR
FT-#	- FINNED TUBE RADIATION	OA	- OUTSIDE AIR (UNCONDITIONED)
GF-#	- GLYCOL FEEDER TANK	RA	- RETURN AIR
GUH-#	- GAS UNIT HEATER	SA	- SUPPLY AIR
H-#	- HUMIDIFIER MANIFOLD	TO	- TRANSFER OPENING
HC-#	- HEATING COIL	TA	- TRANSFER AIR
HP-#	- HEAT PUMP	TG	- TRANSFER GRILLE

PLUMBING ANNOTATION LEGEND

CP-#	- CIRCULATION PUMP	RO-#	- REVERSE OSMOSIS SYSTEM
DS-#	- DOWNSPOUT NOZZLE	RPBP-#	- REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
EWC-#	- ELECTRIC WATER COOLER	SB-#	- SUMP BASIN
EWH-#	- ELECTRIC WATER HEATER	SH-#	- SHOWER
EYE-#	- EYEWASH	SK-#	- SINK
FCO-#	- FLOOR CLEANOUT	SP-#	- SUMP PUMP
FD-#	- FLOOR DRAIN	SS-#	- SERVICE SINK
FS-#	- FLOOR SINK	TD-#	- TRENCH DRAIN
GI-#	- GREASE INTERCEPTOR	TMV-#	- THERMOSTATIC MIXING VALVE
GWH-#	- GAS WATER HEATER	UR-#	- URINAL
HB-#	- HOSE BIBB	VTR	- VENT THROUGH ROOF
HD-#	- HUB DRAIN	WC-#	- WATER CLOSET
L-#	- LAVATORY	WCO-#	- WALL CLEANOUT
MB-#	- MOP BASIN	WF-#	- WASH FOUNTAIN
NFWH-#	- FIRE CONNECTION / WALL HYDRANT	WH-#	- WALL HYDRANT
OI-#	- OIL INTERCEPTOR	WHA-#	- WATER HAMMER ARRESTOR
RD-#	- ROOF DRAIN	WS-#	- WATER SOFTENER
RH-#	- ROOF HYDRANT	WSB-#	- WASHER SUPPLY BOX
		YH-#	- YARD HYDRANT

REFRIGERATION ANNOTATION LEGEND

COND-#	- CONDENSER	HTR-#-OP	- HIGH TEMP OIL POT
EV-#	- EVAPORATOR	LTC-#	- LOW TEMP COMPRESSOR
HPR-#	- HIGH PRESSURE RECEIVER	LTR-#	- LOW TEMP RECIRCULATOR
HTC-#	- HIGH TEMP COMPRESSOR	LTR-#-OP	- LOW TEMP OIL POT
HTR-#	- HIGH TEMP RECIRCULATOR	SC-#	- SWING COMPRESSOR

HVAC PIPING LEGEND

HWS	- HYDRONIC WATER SUPPLY
HWR	- HYDRONIC WATER RETURN
STM-L#	- LOW PRESSURE STEAM
CD-L#	- LOW PRESSURE CONDENSATE RETURN
CWS	- CHILLED WATER SUPPLY
CWR	- CHILLED WATER RETURN
CNDS	- CONDENSER WATER SUPPLY
CNDR	- CONDENSER WATER RETURN
FOS	- FUEL OIL SUPPLY
FOR	- FUEL OIL RETURN
IFS	- IN FLOOR HEATING SUPPLY
IFR	- IN FLOOR HEATING RETURN
RS	- REFRIGERATION SUCTION
RL	- REFRIGERATION LIQUID
RHG	- REFRIGERATION HOT GAS

PLUMBING PIPING LEGEND

AW	SANITARY ACID WASTE
AV	SANITARY ACID VENT
CA	COMPRESSED AIR
CD	CONDENSATE DRAIN
FP-W	FIRE PROTECTION - WET
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRCULATION
GW	GREASE WASTE
GV	GREASE VENT
NG	NATURAL GAS
ST-O	STORM OVERFLOW
ST-P	STORM PRIMARY
ST-V	STORM VENT
V	VENT
W	SANITARY WASTE
CSS	COMBINED SANITARY AND STORM

REFRIGERATION PIPING LEGEND

CPL	CONTROLLED PRESSURE LIQUID
DR	DEFROST RELIEF
EQ	EQUALIZING
ES	ECONOMIZED SUCTION
FG	FOUL GAS
HGD	HOT GAS DISCHARGE
HPL	HIGH PRESSURE LIQUID
HSD	HIGH STAGE DISCHARGE
HSS	HIGH STAGE SUCTION
HTRL	HIGH TEMP RECIRCULATED LIQUID
HTRS	HIGH TEMP RECIRCULATED SUCTION
HTS	HIGH TEMP SUCTION
LIOC	LIQUID INJECTION OIL COOLING
LSS	LOW STAGE SUCTION
LT	LIQUID TRANSFER
LTL	LOW TEMP LIQUID
LTRL	LOW TEMP RECIRCULATED LIQUID
LTRS	LOW TEMP RECIRCULATED SUCTION
LTS	LOW TEMPERATURE SUCTION
OD	OIL DRAIN
OF	OVERFLOW
PO	PUMP OUT
RV	RELIEF VENT
SCHPL	SUB COOLED HIGH PRESSURE LIQUID
TSR	THERMOSYPHON RETURN
TSS	THERMOSYPHON SUPPLY

DUCTWORK SYMBOLS

- SUPPLY AIR DUCT UP / DOWN
- RETURN AIR DUCT UP / DOWN
- EXHAUST AIR DUCT UP / DOWN

DUCTWORK LEGEND

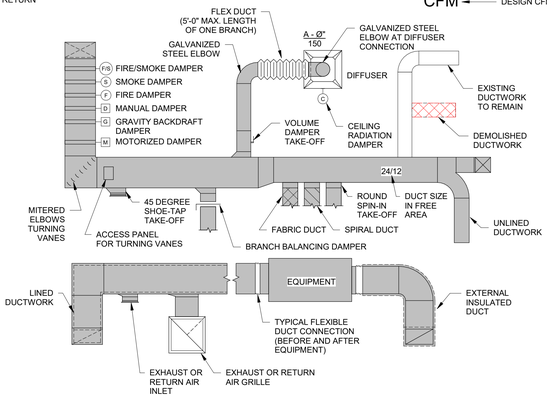
- XX/XX - RECTANGULAR DUCT SIZE
- X"Ø - ROUND DUCT SIZE
- XX/XX"Ø - FLAT OVAL DUCT SIZE

GRILLE, REGISTER, DIFFUSER TAG

GRILLE, REGISTER, DIFFUSER TYPE.

A-XX/XX — DUCT INLET SIZE

CFM — DESIGN CFM



PIPING SYMBOLS

- ISOLATION VALVE
- BALANCING VALVE
- BALL VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- GAS COCK
- GATE VALVE
- GATE VALVE (NORMALLY CLOSED)
- GLOBE VALVE
- GLOBE VALVE (NORMALLY CLOSED)
- NEEDLE VALVE
- NEEDLE VALVE (NORMALLY CLOSED)
- 2 WAY CONTROL VALVE
- 3 WAY CONTROL VALVE
- CLEAN OUT
- FLOOR DRAIN
- FLOOR SINK
- WALL HYDRANT/ HOSE BIBB
- REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
- UNION
- PIPING DROP
- INLINE PIPING DROP
- PIPING RISE
- INLINE PIPING RISE
- PIPE CAP
- PIPE BREAK
- FLEXIBLE CONNECTOR
- RELIEF VALVE
- METER
- WALL / END CLEANOUT
- THERMOMETER
- STRAINER
- IN LINE PUMP

NOTES:

- THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY. ITEMS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT.
- DUCT SIZE: FIRST NUMBER INDICATES DIMENSION OF SIDE SHOWN. THE SECOND NUMBER INDICATES SIDE NOT SHOWN

PIPING / EQUIPMENT LINE STYLES

NEW
DEMOLISHED
EXISTING

SYMBOL LEGEND

- CONNECT TO EXISTING
- T - THERMOSTAT
- TS - TEMPERATURE SENSOR (DDC)
- H - HUMIDITY SENSOR
- SD - DUCT SMOKE DETECTOR
- CO - CARBON MONOXIDE SENSOR
- CO_2 - CARBON DIOXIDE SENSOR
- NO_2 - NITROGEN DIOXIDE SENSOR
- P - PRESSURE SENSOR

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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PLUMBING & MECHANICAL TYPICAL SYMBOLS / ANNOTATIONS

SHEET

M0-00

REFERENCE SCALE 1" = 1'

0 1/4" 1/2" 1" 2"

1/31/2023 3:50:44 PM

1 FIRST FLOOR HVAC PLAN - AREA A
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:50:48 PM

SHEET NOTES

1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
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3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

13	EXHAUST FAN INTAKE WITHOUT DUCTED CONNECTION. REFER TO DETAIL 2/M4-11.

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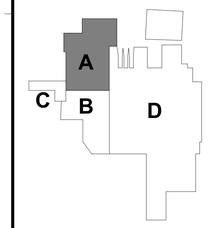

KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

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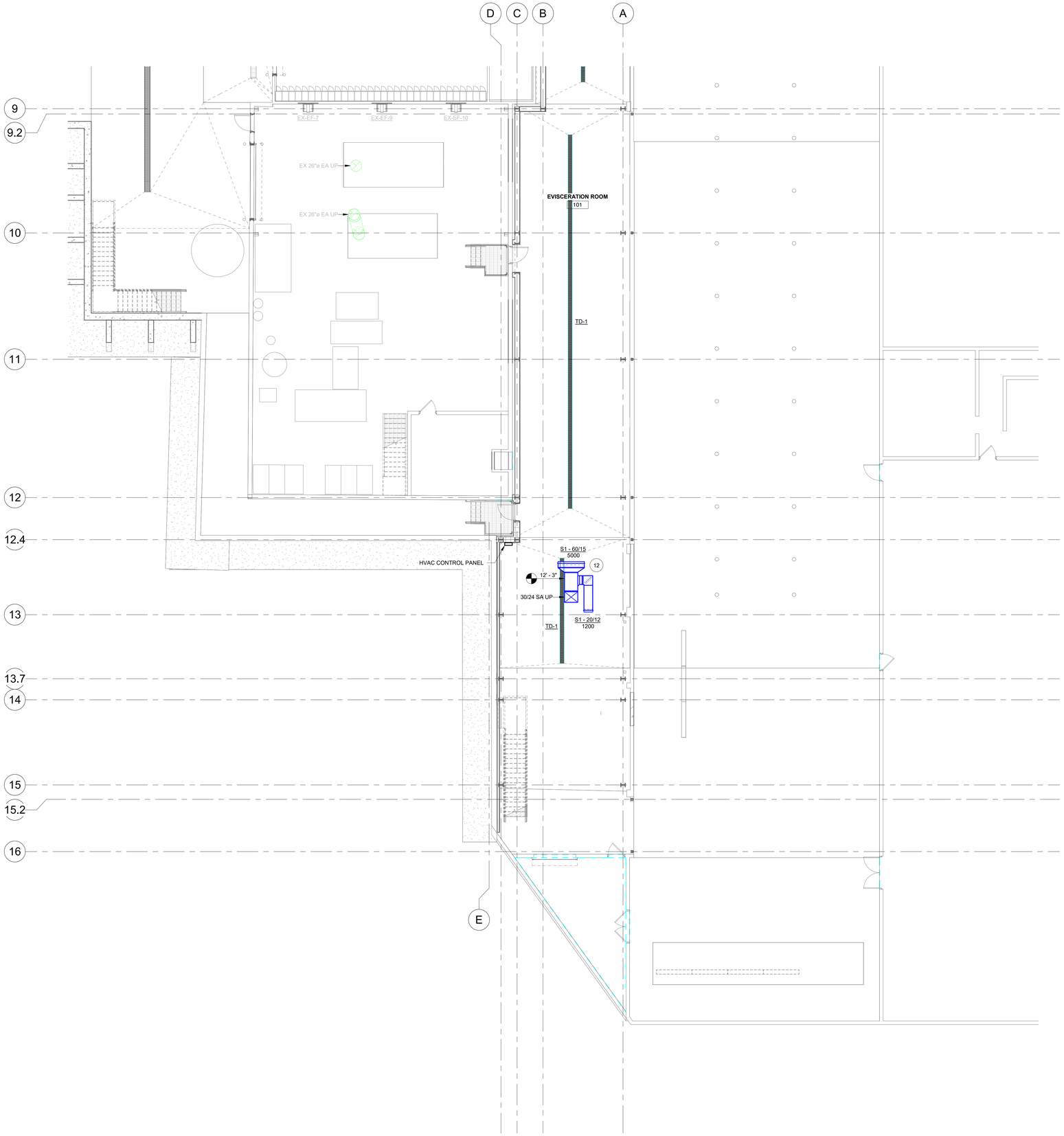
TITLE

FIRST FLOOR HVAC PLAN - AREA A

SHEET

M2-11A



1 FIRST FLOOR HVAC PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

1/31/2023 3:50:55 PM

SHEET NOTES

1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
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3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

12	INSTALL DUCT AS HIGH AS POSSIBLE TO AVOID PROCESS CONFLICTS. MINIMUM INSTALLATION HEIGHT AT SHOWN BOTTOM OF DUCT SPOT ELEVATION. COORDINATE WITH STRUCTURAL.

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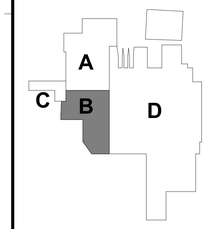

KEYPLAN

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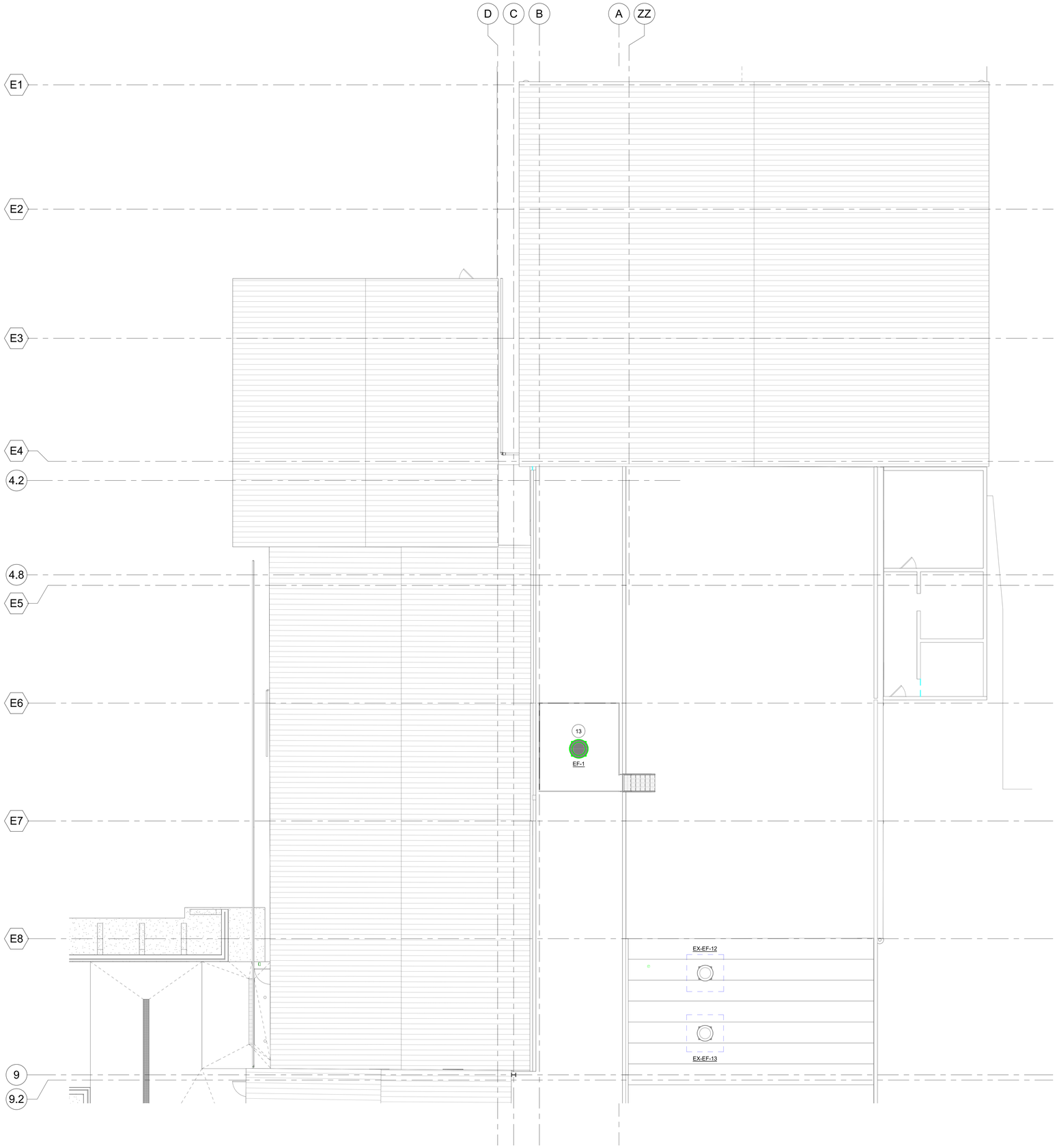
TITLE

FIRST FLOOR HVAC PLAN - AREA B

SHEET

M2-11B



1 ROOF MECHANICAL PLAN - AREA A
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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SHEET NOTES

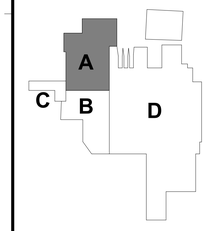
1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

13	EXHAUST FAN INTAKE WITHOUT DUCTED CONNECTION. REFER TO DETAIL 2/M4-11.

ISG

GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH



KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

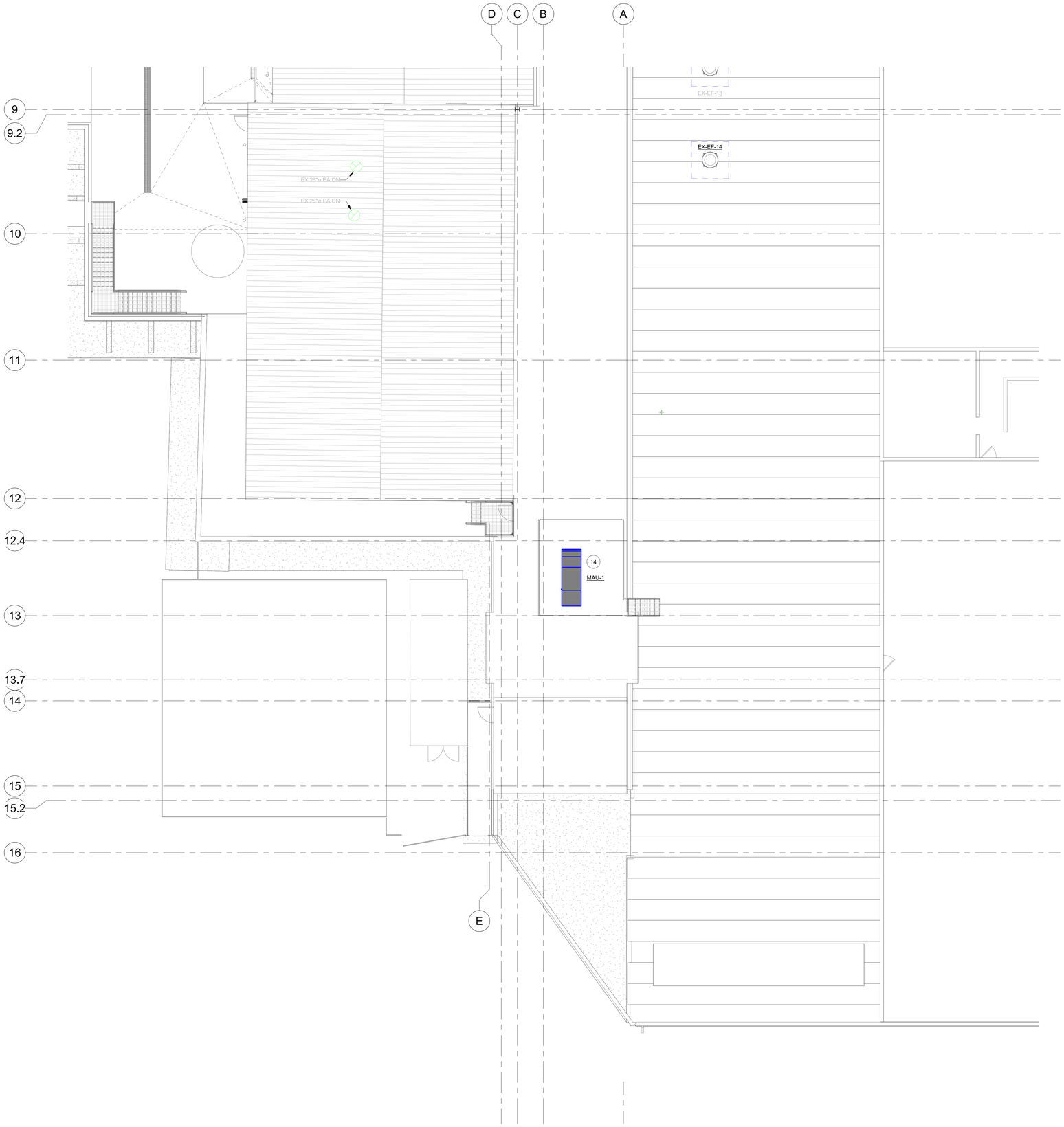
PROJECT NO.	22-26942
FILE NAME	26942 Kill Plant Mech R22.rvt
DRAWN BY	JMH
DESIGNED BY	RKD
REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

ROOF MECHANICAL PLAN - AREA A

SHEET

M2-12A



1 ROOF MECHANICAL PLAN - AREA B
1/8" = 1'-0"

SHEET NOTES

1. FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
2. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
3. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.

KEYNOTE LEGEND

14	INSTALL UNIT ON CURB PER DETAIL 3/M4-11.

ISG

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ROOF MECHANICAL PLAN - AREA B

SHEET

M2-12B

REFERENCE SCALE 1" = 1'
0 1/4" 1/2" 1" 2"

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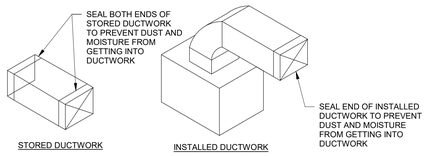
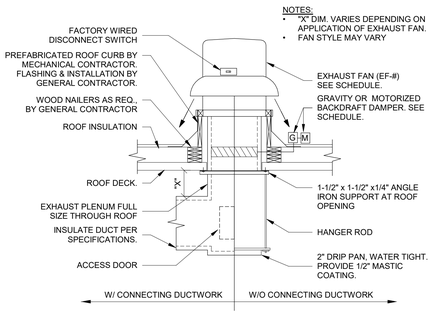
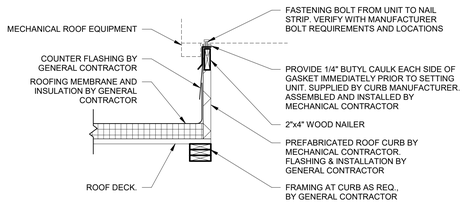


1 DUCTWORK PROTECTION DURING CONSTRUCTION DETAIL
1/8" = 1'-0"



2 TYPICAL EXHAUST FAN (EF) DETAIL
1/8" = 1'-0"



3 ROOF CURB DETAIL
3/4" = 1'-0"

MAKE-UP AIR UNIT SCHEDULE

NOTES:
1. INSTALL UNIT AS SHOWN AND AS PER MANUFACTURER'S REQUIREMENTS
2. FACTORY DISCONNECT SWITCH
3. DIRECT FIRE MODULATING BURNERS & DIRECT SPARK IGNITION
4. FLAME ROD SENSOR
5. DIRTY FILTER GAUGES AND SWITCHES
6. FILTERS TO BE MERV 8
7. ALL INSTRUMENTS AND SENSORS WIRED TO A TERMINAL STRIP IN 24" x 24" ENCLOSURE. CONTROLLED BY LOCAL CONTROL PANEL.
8. GAS TRAIN WITH 4-20 Ma OUTPUT FOR CONNECTION TO DDC SYSTEM
9. ALL GAS TRAIN SAFETY FEATURES (HIGH TEMP, LOW GAS PRESSURE, HIGH GAS PRESSURE, PROOF OF CLOSURE, DUCT AIR PRESSURE, FLAME OUT, FAILURE TO IGNITE) INTEGRATED WITH DDC SYSTEM
10. DOOR PROXIMITY SAFETY SWITCHES ON FAN SECTION OF UNIT
11. VFD MOTORS WITH SHAFT GROUNDING. VFD PROVIDED FROM FACTORY AND MOUNTED ON UNIT

								HEATING				ELECTRICAL						OPTIONS / ACCESSORIES	
MARK	MFG	MODEL	DRIVE TYPE	CFM	FRPM	EXT. S.P.	HP	INPUT MBH	OUTPUT MBH	EFF (%)	TEMP RISE (°F)	VOLTAGE / PH.	MCA	MOCP	UNIT MOUNTING	WEIGHT	FILTER SIZE	DISCONNECT SWITCH	LOW FIRE START
MAU-1	GREENHECK	DGX-P122-H22-MF	DIRECT	6200	1307	0.5	5	490.6	451.3	0.92	67.4	208-3-60	22.8	35	CURB	1187 lb	20x20x2	Yes	Yes

EXHAUST FAN SCHEDULE

NOTES:
1. INSTALL UNIT AS SHOWN AND AS PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE UNIT WITH PREMIUM EFFICIENCY MOTOR (MIN 86.5%).
3. PROVIDE UNIT WITH STANDARD PREWIRED DISCONNECT AND MOTOR STARTER.
4. PROVIDE UNIT WITH MOTORIZED DAMPER.
5. PROVIDE UNIT WITH ISOLATOR KIT.
6. UNIT SHALL BE INTERLOCKED WITH MAU-1 OPERATION.
7. PROVIDE UNIT WITH ROOF CURB - FULLY INSULATED.

									ELECTRICAL			OPTIONS / ACCESSORIES			
MARK	MFG	MODEL	LOCATION/SERVES	DRIVE	CFM	E.S.P.	SONES	FRPM	HP	VOLTAGE / PH.	AMPS	MOTORIZED BACKDRAFT DAMPER	VFD OR VARIGREEN	SHAFT GROUNDING	WEIGHT
EF-1	GREENHECK	G-240-VG	NEW EVISCERATION LINE	DIRECT	6200	0.5	15.8	794	2	208-1-60	12.5	Yes	Yes	Yes	196 lb

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GEORGIA REGISTERED No. PE038732 PROFESSIONAL ENGINEER ROSS KENNETH DIEDERICH

PROJECT

PILGRIMS

EVIS RENOVATION

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REVIEWED BY	RKD
ORIGINAL ISSUE DATE	01/31/23
CLIENT PROJECT NO.	

TITLE

HVAC DETAILS AND SCHEDULES

SHEET

M4-11

REFERENCE SCALE 1" = 1'
0 1/4" 1/2" 1"

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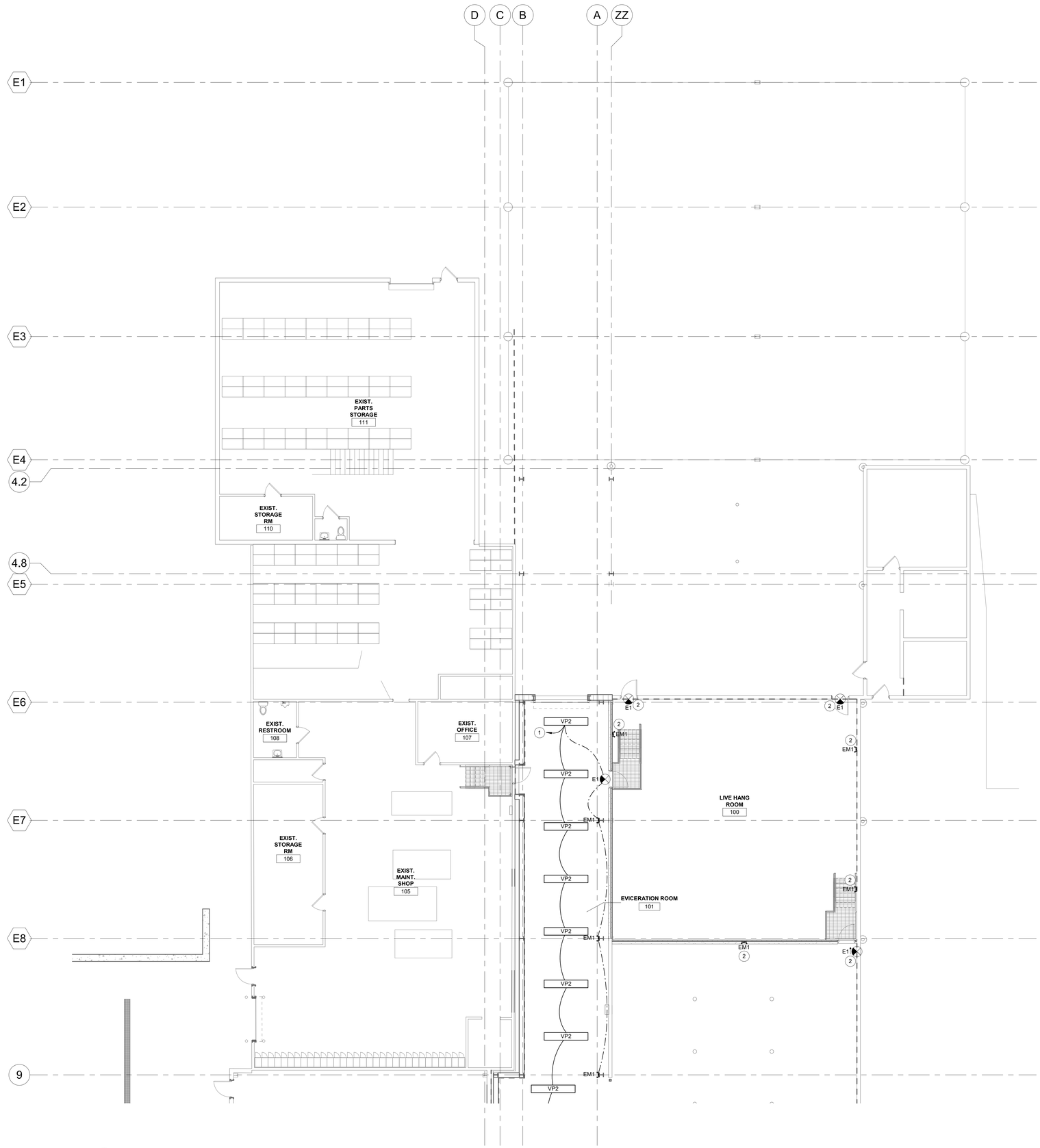

1 FIRST FLOOR LIGHTING PLAN - AREA A
1/8" = 1'-0"

SHEET NOTES

1. ALL EXISTING ELECTRICAL EQUIPMENT INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD OBSERVATION OF THE EXISTING BUILDING.
2. "X" = INDICATES EXISTING DEVICE TO REMAIN.
3. MAINTAIN FIRE RATING OF ALL WALLS AND FLOORS. PROVIDE FIRE PROOFING FOR ALL WALL AND FLOOR PENETRATIONS PER CODE.
4. COORDINATE WORK WITH OTHER TRADES. COORDINATE FURNITURE BRACKETS WITH RECEPTACLE LOCATIONS.
5. CIRCUIT NUMBERS ARE USED FOR DESIGN INTENT TO EXISTING PANELBOARDS. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT CIRCUIT NUMBERS IN THE FIELD.
6. RECEPTACLES SHALL BE FLUSH MOUNTED IN PRECAST AND MASONRY WALLS AT ALL PUBLIC SPACES.
7. RACEWAYS SHALL BE CONCEALED IN PRECAST AND MASONRY WALLS. COORDINATE WITH PRECAST WALL SUPPLIER. INCLUDE RACEWAYS FROM TECHNOLOGY PLANS.
8. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE COMPATIBLE LIGHTING CONTROL DEVICES ARE SUPPLIED WITH LIGHTING PACKAGE.
9. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
10. SWITCHES SHALL BE FLUSH MOUNTED IN MASONRY BLOCK AND PRECAST WALLS. COORDINATE WITH ALL TRADES.
11. ALL LIGHTING SHALL COMPLY WITH LOCAL AND STATE ENERGY CODES.
12. PROVIDE UNSWITCHED HOT TO ALL EXIT AND EMERGENCY LIGHT FIXTURES.
13. PROVIDE SEPARATE BOXES AND CONDUIT FOR EMERGENCY AND NORMAL LIGHTING CIRCUITS.

ELECTRICAL KEYNOTE LEGEND

KEY	KEYNOTE TEXT
1	CIRCUIT FROM NEAREST EXISTING LIGHTING PANEL. PROVIDE A NEW BEAKER IF A SPARE IS NOT AVAILABLE.
2	CONNECT TO EXISTING UNSWITCHED EMERGENCY CIRCUIT IN THIS ROOM.

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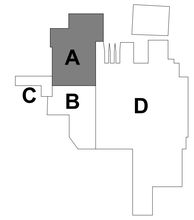

KEYPLAN

PROJECT

PILGRIMS

EVIS RENOVATION

ATHENS GEORGIA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	22-26942
FILE NAME	26942 ELEC R22
DRAWN BY	RMS
DESIGNED BY	RMS
REVIEWED BY	MDN
ORIGINAL ISSUE DATE	01/31/2023
CLIENT PROJECT NO.	

TITLE

FIRST FLOOR LIGHTING PLAN - AREA A

SHEET

E2-21A

REFERENCE SCALE 1" = 1'
0 1/4" 1/2" 1" 2"

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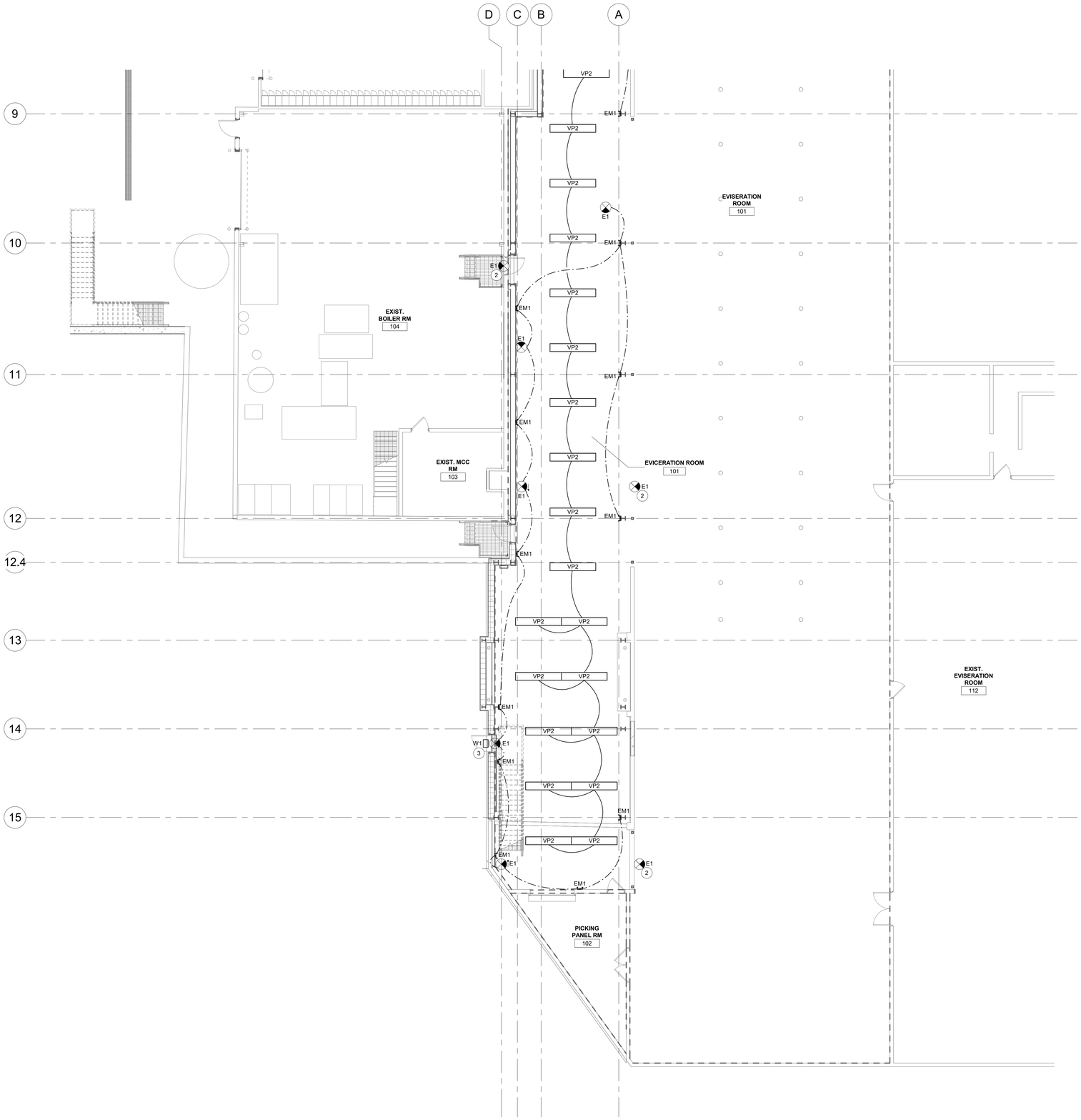
ELECTRICAL KEYNOTE LEGEND

KEY	KEYNOTE TEXT
2	CONNECT TO EXISTING UNSWITCHED EMERGENCY CIRCUIT IN THIS ROOM.
3	CIRCUIT FROM EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROL.



1 FIRST FLOOR LIGHTING PLAN - AREA B
1/8" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"

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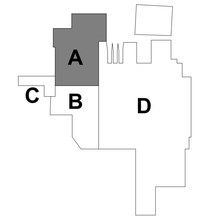

KEYPLAN

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FIRST FLOOR LIGHTING PLAN - AREA B

SHEET

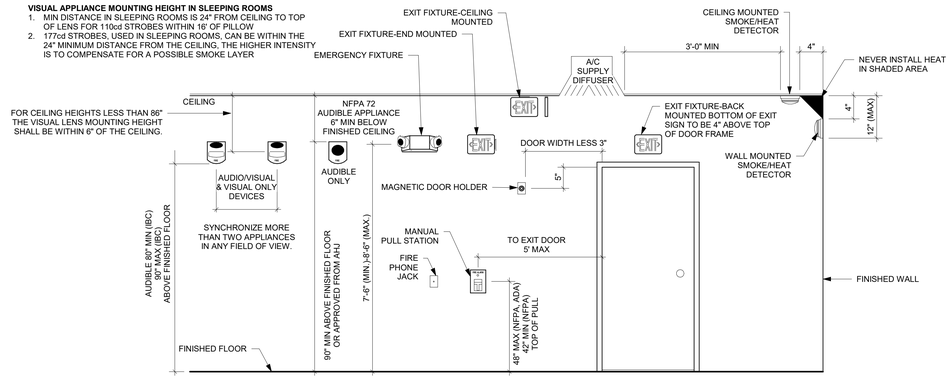
E2-21B

ELECTRICAL SYMBOLS LEGEND

RECEPTACLES		SWITCHES		MISC. POWER SYMBOLS		FIRE PROTECTION SYSTEM		NURSE CALL SYSTEM		COMMUNICATIONS		SECURITY		ELECTRICAL PANELS		TAG DESCRIPTIONS	
	SIMPLEX	S	SINGLE POLE		DISCONNECT	FACP	FIRE ALARM CONTROL PANEL	NCP	NURSE CONTROL PANEL		DATA JACK -WALL	ACS	ACCESS CONTROLLED DOOR		FLUSH MOUNT PANELBOARD	LSTY	LIGHTING SCENARIO
	DUPLEX	S_2	DOUBLE POLE		FUSED DISCONNECT	FAAP	FIRE ALARM ANNUNCIATOR PNL	N	DOME LIGHT		FLOOR DATA JACK		ADA DOOR OPERATOR		SURFACE MT PANELBOARD	#	KEYNOTE
IG	ISOLATED GROUND	S_3	3-WAY		FAN		SMOKE DETECTOR	NO	DUTY STATION		DATA JACK -CEILING		CAMERA	PHONE	PHONE SYSTEM		
TR	TAMPER RESISTANT	S_4	4-WAY		ELECT. CONTROLLED VALVE		HEAT DETECTOR	Z	ZONE LIGHT		TELEPHONE JACK- WALL	CR	CARD READER - ELECTRONIC				
WP	WEATHER PROOF W/GFI	S_E	EMERGENCY		FUSESTAT	F	HORN STROBE	SS	STAFF STATION		DATA/VOICE JACK - WALL	DB	DURESS BUTTON				**WIRE TYPES**
GFI	GROUND FAULT INTERRUPT	S_F	FAN		HAND DRYER		HORN ONLY	N	NURSE/TOILET STATION	TV	TELEVISION JACK	DC	DOOR CONTACT				
CR	CONTROLLED RECEPTACLE	S_K	KEY OPERATED		HAIR DRYER		STROBE ONLY (C = CLG MTD)			S	SPEAKER - CEILING	RX	RECEIVER				STANDARD
CTR	COUNTERTOP RECEPTACLE	S_{LV}	LOW VOLTAGE	H	HEATER	S	SPKR STROBE (C = CLG MTD)			S	SPEAKER - WALL/SURFACE	DAA	DOOR ALARM ANNUNCIATOR				LOW-VOLTAGE
USB	COMBO RECEPTACLE / USB	S_P	PILOT LIGHT	J	JUNCTION BOX		EXTERIOR HORN W/ STROBE			CK	CLOCK	EL	ELECTRIC LOCK				UN-SWITCHED HOT
	HIGH VOLTAGE	S_T	TIMER	M	MOTOR	M	MINI HORN			B	BELL	SEC	DOOR SECURITY MONITOR				
	SPLIT WIRE	S_{CB}	CIRCUIT BREAKER		MOTOR WITH DISCONNECT	A	ANSUL TIE				BUZZER	KP	KEY CARD PAD				
	DOUBLE DUPLEX	S_D	DIMMER	R	RELAY	TS	SPRINKLER TAMPER SWITCH			IC	INTERCOM	PB	PUSH BUTTON				
	220 VOLT	S_H	ILLUMINATED HANDLE		SOLENOID VALVE	FS	SPRINKLER FLOW SWITCH			M	MICROPHONE		AREA OF RESCUE-CALL				
	SPECIAL PURPOSE	S_M	MOTOR		COMBINATION STARTER & DISC	WSP	WALL SPEAKER - FIRE				SPEAKER/CLOCK		SECURITY ALARM HORN				
	CEILING MOUNTED RECPT	S_{RC}	SPEED CONTROLLER		MOTOR STARTER	CSFA	CEILING SPEAKER - FIRE			TC	TIME CLOCK						
	CEILING MOUNTED SP RECPT	S_W	SPRING WOUND TIMER	T	THERMOSTAT		MAGNETIC DOOR HOLDER			WAP	WIRELESS ACCESS POINT						
	FLOOR BOX RECEPTACLE	S_{MC}	MOMENTARY CONTACT	SD	DUCT-TYPE SMOKE DETECTOR	F	MANUAL PULL STATION			TP	TOUCHPAD						
		S_{WP}	WEATHER PROOF		USB CHARGING STATION	AIM	ADDRESSABLE INPUT MODULE			PROJ	PROJECTOR						
		S_{OB}	OCCUPANCY SENSOR-WALL			AOM	ADDRESSABLE OUTPUT MOD.			BT	BLUETOOTH						
		S_{VE}	VACANCY SENSOR-WALL				ABORT SWITCH										
		S_{OS}	OCCUPANCY SENSOR-CLG				BELL-CHIME										
		S_{VS}	VACANCY SENSOR-CLG			ECOLD	END OF LINE RESISTOR										
		PC	PHOTO CELL				FIRE/SMOKE DAMPER										
			3-BUTTON SWITCH			S	SMOKE DAMPER										
		S_{LT}	LOW VOLTAGE SWITCH / TYPE			CO	CARBON MONOXIDE DETECTOR										

VISUAL APPLIANCE MOUNTING HEIGHT IN SLEEPING ROOMS

1. MIN DISTANCE IN SLEEPING ROOMS IS 24" FROM CEILING TO TOP OF LENS FOR 110cd STROBES WITHIN 16' OF PILLOW
2. 177cd STROBES, USED IN SLEEPING ROOMS, CAN BE WITHIN THE 24" MINIMUM DISTANCE FROM THE CEILING, THE HIGHER INTENSITY IS TO COMPENSATE FOR A POSSIBLE SMOKE LAYER



1 TYPICAL MOUNTING HEIGHTS
NOT TO SCALE

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL	LAMP	WATTS	DIMMING	TYPE COMMENTS
E1	STANDARD EXIT	CHLORIDE	TPEWNURWIC	3W LED		VARIES	PROVIDE UNSWITCHED HOT TO FIXTURE.
EM1	EGRESS LIGHT	CHLORIDE	RN21LP202C	(2) 20W LED PAR 36		VARIES	-
VP2	8'-0" VAPOR TIGHT	LITHONIA	FEM L96 LPAFL MD MVOLT GZ10 40K 80CRI STSL	20,000lm, 4,000k, 80cri	125 W	0-10V	PROVIDE CHAIN MOUNTING KIT
W1	WALL PACK WITH EMERGENCY BATTERY PACK	STONCO	LPW32-50-NW-G3-2-EBP-UNV-BZ	6026LUM, 4000K, 70CRI	45 W	-	MOUNT 9'-0" AFG.

ISG

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PILGRIMS

EVIS RENOVATION

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TITLE

ELECTRICAL SYMBOLS, SCHEDULES AND DETAILS

SHEET

E4-12

REFERENCE SCALE 1" = 1'-0" 0 1/4" 1/2" 1" 2"

1/31/2023 3:17:48 PM