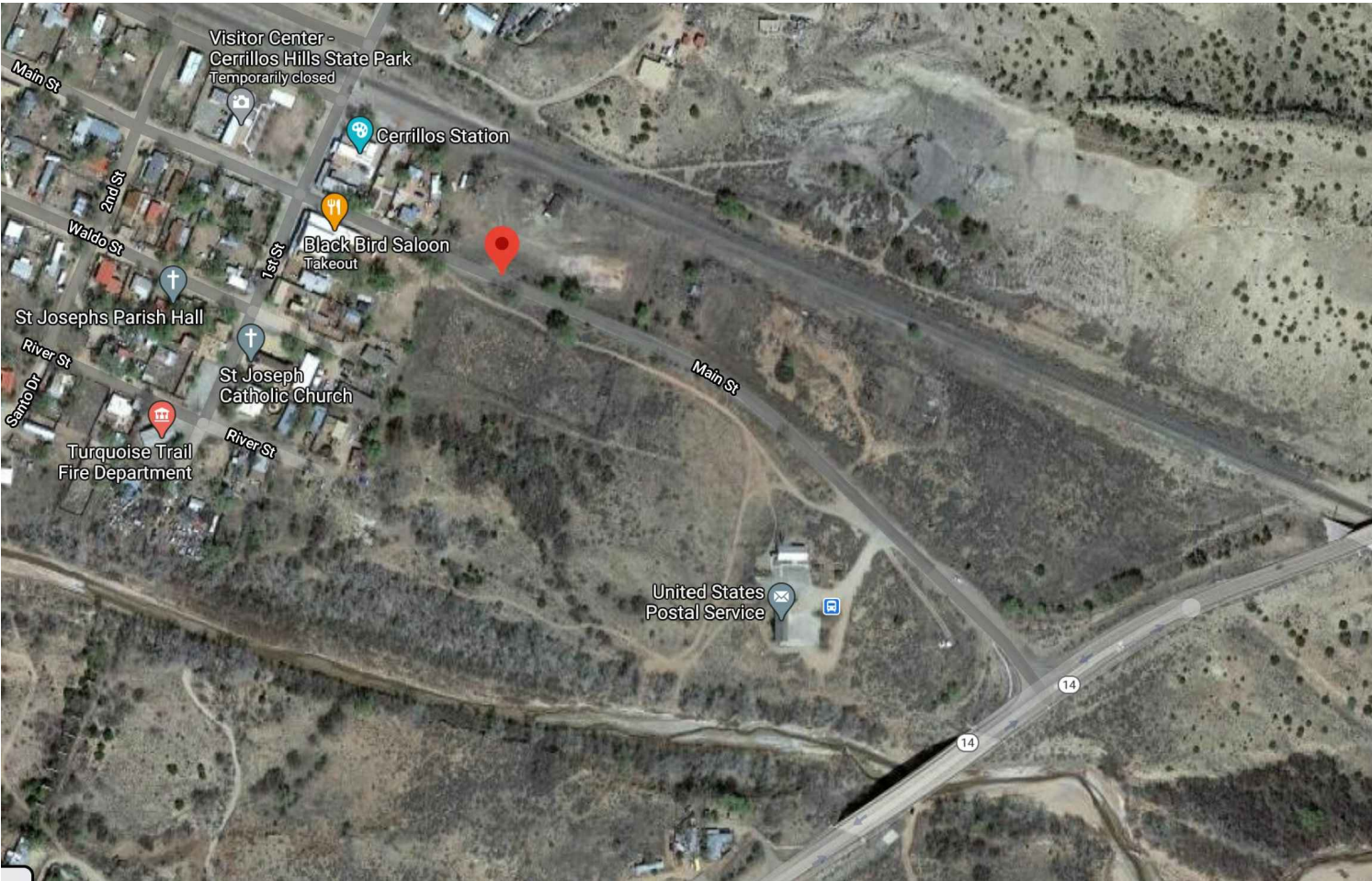


PERMIT & BID SET 07-25-2022

CERRILLOS SENIOR CENTER & TURQUOISE TRAIL FIRE STATION #3

LOCATION MAP:



APPLICABLE CODES AND REGULATIONS:

CHAPTER 5	Construction Industries General Provisions
NMAC 14.5.1	General Provisions
NMAC 14.5.2	Permits
NMAC 14.5.3	Inspections
NMAC 14.5.5	Fees
CHAPTER 6	Construction Industries Licensing
NMAC 14.6.2	Handyman Certificate
NMAC 14.6.3	Contractors' License Requirements
NMAC 14.6.4	Journeyman Certification
NMAC 14.6.6	Classifications and Scopes
NMAC 14.6.7	Modular Building Structures
CHAPTER 7	Building Codes General
NMAC 14.7.2	2015 New Mexico Commercial Building Code
NMAC 14.7.3	2015 New Mexico Residential Building Code
NMAC 14.7.4	2015 New Mexico Earthen Building Materials Construction Code (Phase III)
NMAC 14.7.5	2009 New Mexico Non-Load Bearing Baled Straw Construction Building Code (Phase III)
NMAC 14.7.6	2009 New Mexico Energy Conservation Code
NMAC 14.7.7	2015 New Mexico Existing Building Code
NMAC 14.7.8	2015 New Mexico Historic Earthen Buildings
NMAC 14.7.9	2018 New Mexico Commercial Energy Conservation Code
CHAPTER 8	Plumbing Codes
NMAC 14.8.2	2015 New Mexico Plumbing Code
NMAC 14.8.3	2012 New Mexico Swimming Pool, Spa and Hot Tub Code
CHAPTER 9	Mechanical Codes
NMAC 14.9.2	2015 New Mexico Mechanical Code
NMAC 14.9.4	Boilers
NMAC 14.9.5	Medical Gas Installation and Certification
NMAC 14.9.6	2012 New Mexico Solar Energy Code
CHAPTER 10	Electrical Codes
NMAC 14.10.4	2017 New Mexico Electrical Code
NMAC 14.10.5	2012 New Mexico Electrical Safety Code

BUILDING CRITERIA:

SITE:
16 MAIN STREET, CERRILLOS,
NEW MEXICO, 87010

LOT AREA:
7.37 ACRES (320,985.22 SQ.FT.)

NUMBER OF STORIES:
SINGLE STORY

TYPE OF CONSTRUCTION:
II-B

OCCUPANCY AND BUILDING AREA SUMMARY:
MIXED USE
FIRE STATION; S-1 WITH ACCESSORY B OCCUPANCY
SENIOR CENTER; A-3 WITH ACCESSORY B OCCUPANCY AND COMMERCIAL KITCHEN

FIRE PROJECTION SYSTEMS:
MONITORED AUTOMATED FIRE ALARM SYSTEM

SQUARE FOOTAGE:
FIRE STATION:
HEATED 2755
ROOFED 2947
SENIOR CENTER:
HEATED 4728
ROOFED 6385

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PROJECT MANAGER

PHILLIP MONTANO
FACILITIES AND PROJECTS

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GR-2	GRADING AND DRAINAGE PLAN
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P502	PLUMBING DETAILS
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ES101	ELECTRICAL SITE PLAN
EL101	LIGHTING PLAN
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PV101	SOLAR ARRAY LAYOUT
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E702	ELECTRICAL SCHEDULES

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07-25-2022

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CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3
16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

Current Status:

PERMIT & BID

R E V I S I O N S

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Checked by: SM

Date: 07-25-2022

Sheet Title:

PROJECT
INFORMATION &
GENERAL NOTES

Job Number: 2022-24

Sheet No.

G001

PLOT DATE: Jul 25, 2022, 4:38pm
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ABBREVIATIONS

AB	ANCHOR BOLT	E(E)	EAST/EXISTING	KIT	KITCHEN	R	RADIUS/RISER	VAR	VARIES
ACT	ACOUSTICAL TILE	EA	EACH	LAB	LABORATORY	RA	RETURN AIR	VNR	VENEER
ADJ	ADJACENT/ ADJUSTABLE	EIFS	EXTERIOR INSULATION FINISH SYSTEM	LAM	LAMINATE	RB	RUBBER BASE	VCT	VINYL COMPOSITION TILE
AFF	ABOVE FINISHED FLOOR	EJ	EXPANSION JOINT	LAV	LAVATORY	RBR	RUBBER	VERT	VERTICAL
AFG	ABOVE FINISHED GRADE	EL	REFERENCE ELEVATION	LBS	POUNDS	RCP	REFLECTED CEILING PLAN	VEST	VESTIBULE
AHU	AIR HANDLING UNIT	ELEC	ELECTRIC/ELECTRICAL	LF	LINEAR FEET	RD	ROOF DRAIN	VIF	VERIFY IN FIELD
ALUM	ALUMINUM	ELEV	ELEVATOR/ELEVATION	LH	LEFT HAND	RDG INS	RIGID INSULATION	VTR	VENT THROUGH ROOF
ANOD	ANODIZED	EMERG	EMERGENCY	LLH	LONG LEG HORIZONTAL	REBAR	REINFORCED STEEL BAR	VWC	VINYL WALL COVERING
ALT	ALTERNATE NO.	ENCL	ENCLOSURE	LLV	LONG LEG VERTICAL	REC	RECESSED	W	WEST/WIDTH
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	ENGR	ENGINEER/ENGINEERING	LPT	LOW POINT	RE/REF	REFERENCE	W/	WITH
APPROX	APPROXIMATELY	EOS	EDGE OF SLAB	LT	LIGHT	REFR	REFRIGERATOR	WBL	WOOD BLOCKING
APVD	APPROVED	EPDM	ETHYLENE PROPYLENE DIENE MONOMOR	LTG	LIGHTING	REINF	REINFORCED/REINFORCEMENT	WC	WATER CLOSET/WALL COVERING
ARCH	ARCHITECT	EQ	EQUAL	LVR	LOUVER	REM	REMOVE	WD	WOOD
ASSY	ASSEMBLY	EQUAL	EQUALLY SPACED			REQ'D	REQUIRED	WDW	WINDOW
AUTO	AUTOMATIC/ AUTOMATION	EQIP	EQUIPMENT	MAINT	MAINTENANCE	REV	REVISION	WF	WIDE FLANGE
AVG	AVERAGE	EST	ESTIMATE	MAS	MASONRY	RL	ROOF LEADER	WGL	WIRED GLASS
AWI	AMERICAN WOODWORKING INSTITUTE	ETC	ET CETERA	MATL	MATERIAL	RLG	RAILING	WH	WATER HEATER/WEEP HOLE
AWT	ACCOUSTICAL WALL TREATMENT	EW	EACH WAY	MAX	MAXIMUM	RM	ROOM	W/O	WITHOUT
B/B	BACK TO BACK	EWC	ELECTRIC WATER COOLER	MECH	MECHANICAL	RO	ROUGH OPENING	WP	WATERPROOFING/WORKING POINT
BD	BOARD	EXIST	EXISTING	MED	MEDIUM	ROW	RIGHT OF WAY		
BLDG	BUILDING	EXP	EXPOSED	MEMB	MEMBRANE	RP	REFERENCE POINT	WR	WATER RESISTANT
BLKG	BLOCKING	EXPAN	EXPANSION	MFG	MANUFACTURING	RTG	RATING	WT	WEIGHT
BLST	BALLAST	EXT	EXTERIOR/EXTERNAL	MFR	MANUFACTURER	RTU	ROOF TOP UNIT	WWF	WELDED WIRE FABRIC
BM	BEAM/BENCH MARK	F / F	FACE TO FACE	MIN	MINIMUM	RVL	REVEAL	YD	YARD/YARDS
BOS	BOTTOM OF STEEL	FA	FIRE ALARM	MISC	MISCELLANEOUS	S	SOUTH	#	MISCELLANEOUS
BOT	BOTTOM	FACP	FIRE ALARM CONTROL PANEL	ML	METAL LATH	SALV	SALVAGE	&	NUMBER/POUNDS
BRG	BEARING	FD	FLOOR DRAIN	MO	MASONRY OPENING	SAN	SANITARY	@	AND
BSMT	BASEMENT	FDTN	FOUNDATION	MOD BIT	MODIFIED BITUMEN	SB	SPLASH BLOCK	'	AT/EACH/RATE
BTWN	BETWEEN	FDV	FIRE DEPARTMENT VALVE CABINET	MR	MOISTURE RESISTANT	SCWD	SOLID CORE WOOD DOOR	"	FEET/MINUTES
BUR	BUILT UP ROOFING	FE	FIRE EXTINGUISHER	MS	MOP SINK	SCHED	SCHEDULE/SCHEDULED	°	INCHES/SECONDS
CB	CATCH BASIN	FEC	FIRE EXTINGUISHER CABINET	MTD	MOUNTED	SCHEM	SCHEMATIC	Ø	DEGREES
CBB	CEMENTITIOUS BACKER BOARD	F F EL	FINISHED FLOOR ELEVATION	MTL	METAL	SEC	SECOND	2	DIAMETER
C/C	CENTER TO CENTER	FF INSUL	FOIL BACKED INSULATION	MULL	MULLION	SECT	SECTION		ANGLE
CAB	CABINET	FIN GR	FINISHED GRADE	N	NORTH	SF	SQUARE FOOT/FEET		
CB	CATCH BASIN	(FH)	FULL HEIGHT	N/A	NOT APPLICABLE	SGL	SINGLE		
CEM	CEMENT	FH	FIRE HYDRANT	NCOMBL	NONCOMBUSTIBLE	SHT	SHEET		
CEM PLAS	CEMENT PLASTER	FHC	FIRE HOSE CABINET	NEG	NEGATIVE	SHT MTL	SHEET METAL FLASHING		
CER	CERAMIC	FIN	FINISH	NIC	NOT IN CONTACT	SHTHG	SHEATHING		
CF	CUBIC FOOT/FEET	FIXT	FIXTURE	NO	NUMBER	SIM	SIMILAR		
CFCI	FURNISHED/CONTRACTOR INSTALLED	FL	FLOW LINE	NOM	NOMINAL	SLNT	SEALANT		
		FLR	FLOOR/FLOORING	NTS	NOT TO SCALE	SM	SURFACE MOUNTED/SMALL		
CFOI	CONTRACTOR FURNISHED/OWNER INSTALLED	FLUOR	FLUORESCENT			SM	SHEET METAL		
CFLG	COUNTER FLASHING	FND	FOUNDATION	OA	OVERALL	SMACNA	SHEET METAL AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION		
CF/MF	COLD FORMED METAL FRAMING	FR	FOOT/FEET	OC	ON CENTER				
CG	CORNER GUARD	FT	FRAME/FIRE RATED/FIRE RETARTANT	OD	OUTSIDE DIAMETER	SPLY	SUPPLY		
CIP	CAST IN PLACE	FTG	FOOTING	OF	OUTSIDE FACE	SPEC	SPECIFICATION(S)		
CJ	CONTROL JOINT/ CONSTRUCTION JOINT	FURG	FURRING	OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED	SPRT	SUPPORT		
CL	CENTERLINE	FURN	FURNISH	OFF	OFFICE	SQ	SQUARE		
CLG	CEILING	FUT	FUTURE	OFF	OFFICE	SST	STAINLESS STEEL		
CLO	CLOSET	FVC	FIRE VALVE CABINET	OWNR FURNISHED / OWNER INSTALLED	OWNR FURNISHED / OWNER INSTALLED	STC	SOUND TRANSMISSION CLASS		
CLR	CLEAR	GAGE	GAGE	OH	OPPOSITE HAND/ OVERHEAD/OVERHANG	STD	STANDARD		
CLT	CLEAT	GAL	GALLONS	O/O	OUT TO OUT	STL	STEEL		
CMU	CONCRETE MASONRY UNIT	GALV	GALVANIZED	OPNG	OPENING	STL JST	STEEL JOIST		
CO	CLEAN OUT	GYP BD	GYP SUM BOARD	OPP	OPPOSITE	STOR	STORAGE		
COL	COLUMN	GYP SHTG	GYP SUM SHEATHING BOARD.	ORD	OVERFLOW ROOF DRAIN	STRUCT	STRUCTURAL		
CONC	CONCRETE	GC	GENERAL CONTRACTOR	ORIG	ORIGINAL	SURF	SURFACE		
COND	CONDITION	GEN	GENERAL/GENERATOR	ORS	OVERFLOW ROOF SCUPPER	SUSP	SUSPENDED		
CONC	CONCRETE	GI	GALVANIZED IRON			SYMM	SYMMETRICAL		
CONST	CONSTRUCTION	GL	GLASS	PTN	PARTITION	T	TREAD		
CONT	CONTINUE/CONTINUATION OR CONTINUOUS	GLZ	GLAZING	PAT	PATTERN	T & B	TOP AND BOTTOM		
CONTR	CONTRACTOR	GND	GROUND	PBD	PARTICLE BOARD	T&G	TONGUE AND GROOVE		
COORD	COORDINATE	HC	HANDICAPPED ACCESSIBLE / HOLLOW CORE	PCC	PRECAST CONCRETE	TBD	TO BE DETERMINED		
COP	COPING	HD	HEAD	PERF	PERFORATED	TEL	TELEPHONE		
CORR	CORRIDOR	HDW	HARDWARE	PERM	PERMANENT	TEMP	TEMPERATURE/TEMPORARY		
CPT	CARPET	HDWD	HARDWOOD	PL	PLATE/PROPERTY LINE	TERR	TERRAZZO		
CSK	COUNTER SUNK	HM	HOLLOW METAL	PLAM	PLASTIC LAMINATE	THK	THICK		
CT	CERAMIC TILE	HT	HEIGHT	PLAS	PLASTER/PLASTIC	THRES	THRESHOLD		
CTR	CENTER	HORIZ	HORIZONTAL	PLBG	PLUMBING	THRU	THROUGH		
CU FT	CUBIC FOOT/FEET	HP	HIGH POINT/HORSEPOWER	PLYWD	PLYWOOD	TMPD GL	TEMPERED GLASS		
CW	COLD WATER	HVAC	HEATING VENTILATION AND AIR CONDITIONING	POL	POLISHED	TO	TOP OF ____		
CY	CUBIC YARDS	HWH	HOT WATER HEATER	PNL	PANEL	TOJ	TOP OF JOIST		
D	DEPTH/DEEP	HW	HOT WATER	PT	PAINT	TOC	TOP OF CONCRETE/TOP OF CURB		
DBL	DOUBLE	ID	INSIDE DIAMETER	PR	PAIR	TOM	TOP OF MASONRY		
DEMO	DEMOLITION	ID	INTERIOR DESIGN	PREFAB	PREFABRICATED	TOP	TOP OF PARAPET		
DET	DETAIL	INV EL	INVERT ELEVATION	PREFIN	PREFINISHED	TOS	TOP OF STEEL/TOP OF SLAB		
DF	DRINKING FOUNTAIN	IF	INSIDE FACE	PRELIM	PRELIMINARY	TOW	TOP OF WALL		
DEL	DELETE	IN	INCHES	PREP	PREPARATION	TRTD	TREATED		
DETN	DETENTION	INCL	INCLUDING	PROJ	PROJECT	TS	TUBE STEEL		
DIA	DIAMETER	INSTL	INSTALL	PT CONC	POST TENSION CONCRETE	TYP	TYPICAL		
DIAG	DIAGONAL	INSUL	INSULATE/INSULATION	PTD	PAINTED	UBC	UNIFORM BUILDING CODE		
DIM	DIMENSION	INT	INTERIOR/INTERNAL	PVC	POLYVINYL CHLORIDE	UC	UNDERCUT		
DISP	DISPENSER	INV	INVERT	PVMT	PAVEMENT	UL	UNDERWRITER'S LABORATORIES		
DMPF	DAMP/PROOFING	JAN	JANITOR	QT	QUARRY TILE	UNFIN	UNFINISHED		
DN	DOWN	J BOX	JUNCTION BOX	QTY	QUANTITY	UON	UNLESS OTHERWISE NOTED		
DR	DOOR/DRAIN	JAN CLO	JANITOR CLOSET			UR	URINAL		
DS	DOWNSPOUT	JT	JOINT			UTIL	UTILITY		
DTL	DETAIL								
DWG	DRAWING								

GRAPHIC SYMBOLS

	<u>EXTERIOR ELEVATION REFERENCE</u> ELEVATION NUMBER DRAWING ON WHICH ELEV IS SHOWN
	<u>BUILDING SECTION REFERENCE</u> SECTION NUMBER DRAWING ON WHICH SECTION IS SHOWN
	<u>WALL SECTION REFERENCE</u> SECTION NUMBER DRAWING ON WHICH SECTION IS SHOWN
	<u>DETAIL SECTION REFERENCE</u> DETAIL NUMBER DRAWING ON WHICH DETAIL IS SHOWN
	<u>INTERIOR ELEVATION REFERENCE</u> ELEVATION NUMBER DRAWING ON WHICH ELEV. IS SHOWN
	ROOM NAME AND NUMBER DESIGNATION.
	VERTICAL ELEVATION MARK
	COLUMN GRID LINE
	FINISH INDICATOR
	EQUIPMENT / ACCESSORIES INDICATOR
	DOOR MARK
	WINDOW MARK

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CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3

16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

Current Status:

PERMIT & BID

REVISIONS

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Checked by: SM

Date: 07-25-2022

Sheet Title:
ABBREVIATIONS,
& SYMBOLS

Job Number: 2022-24

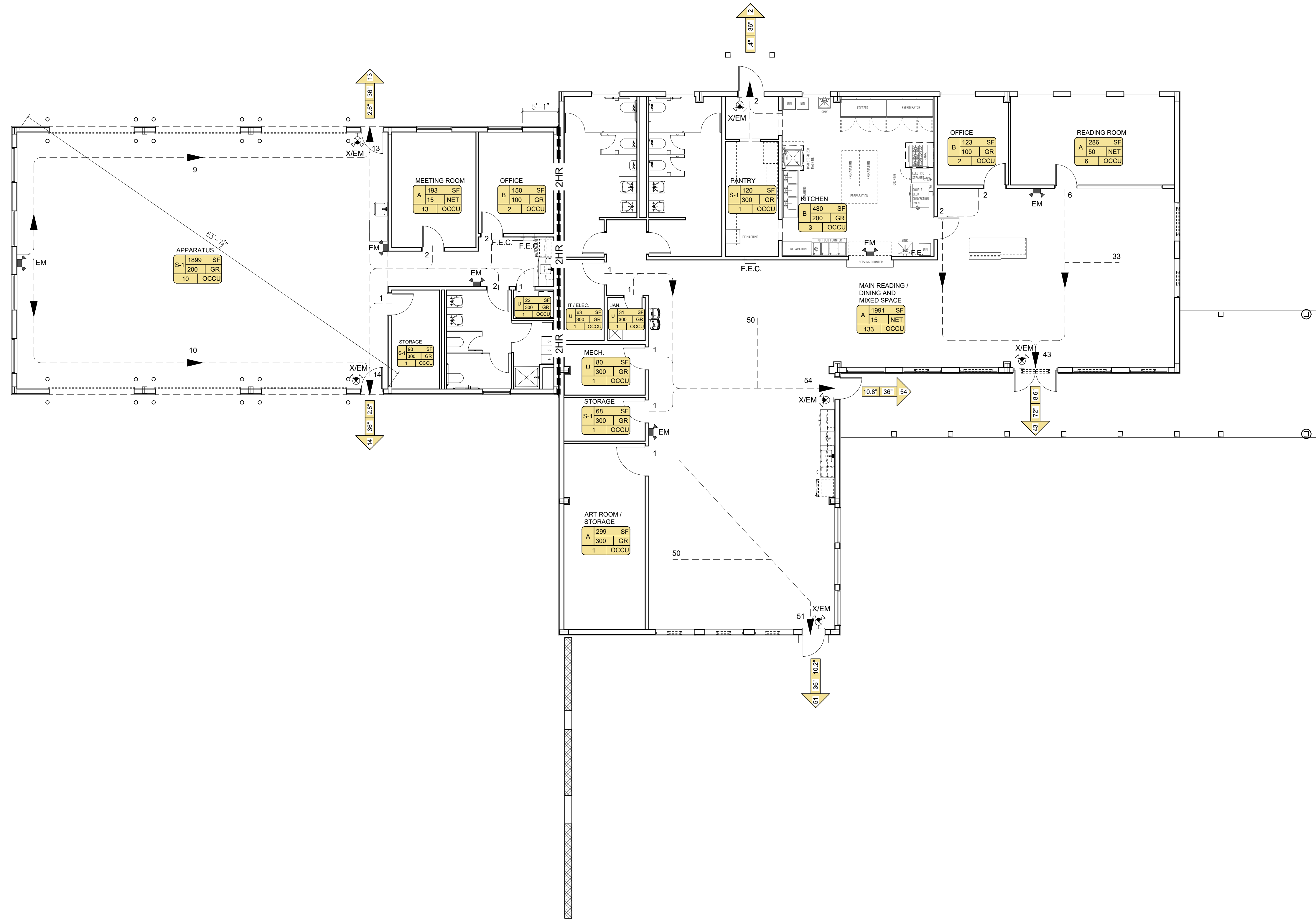
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PLOT DATE: Jul 25, 2022, 4:38pm
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A1 EXITING PLAN



APPLICABLE CODES:

2015 INTERNATIONAL BUILDING CODE
2009 INTERNATIONAL EXISTING BUILDING CODE
2012 UNIFORM PLUMBING CODE
2012 UNIFORM MECHANICAL CODE
2014 NATIONAL ELECTRIC CODE
2009 INTERNATIONAL ENERGY CONSERVATION CODE
2003 INTERNATIONAL FIRE CODE
2009 INTERNATIONAL FUEL GAS CODE
2003 ICC/ANSI A117.1 ACCESSIBILITY CODE
CITY OF RIO RANCHO CODE OF ORDINANCES, TITLE XV, LAND USAGE:
- CHAPTER 151 BUILDING CODE
- CHAPTER 152 FLOOD AND EROSION CONTROL
- CHAPTER 153 STORM DRAINAGE REQUIREMENTS
CITY OF RIO RANCHO DEVELOPMENT PROCESS MANUAL
RESIDENTIAL AND COMMERCIAL COLLECTION ORDINANCE CHAPTER 50, SECTION 7
SOUTHERN SANDOVAL COUNTY ARROYO FLOOD CONTROL AUTHORITY (SSCAFC) *
DRAINAGE POLICY
STATE OF NEW MEXICO ENVIRONMENTAL DEPARTMENT
STATE OF NEW MEXICO ENGINEER'S OFFICE

FIRE PROTECTION GENERAL NOTES:

- A. THIS BUILDING WILL BE EQUIPPED WITH AUTOMATIC SMOKE DETECTION SYSTEM, IBC SECTION 903.2.2
B. SHOP DRAWINGS WILL BE SUBMITTED TO THE FIRE MARSHALL'S OFFICE FOR REVIEW AND APPROVAL OF ANY FIRE ALARM SYSTEM OR ANY OTHER FIRE RELATED SYSTEM.
C. PORTABLE FIRE EXTINGUISHERS HAVE BEEN LOCATED ACCORDING TO IBC SECTION 906. SEE ANALYSIS BELOW FOR SIZE AND TYPE OF EXTINGUISHERS.
D. EMERGENCY LIGHTING SHOWN FOR REFERENCE ONLY. SEE ELECTRICAL.
E. OWNER'S EQUIPMENT SHOWN FOR REFERENCE ONLY.
F. SEE SHEET G-004 FOR TYPICAL ACCESSIBLE MOUNTING HEIGHTS.
G. DUCT SMOKE DETECTION TO BE PROVIDED IN ACCORDANCE WITH IFC 907.3.1.

BUILDING DATA (PER IBC 2015):

CONSTRUCTION TYPE:
IBC 602: TYPE II-B, UNPROTECTED NON-COMBUSTIBLE

OCCUPANCY TYPE:
IBC 304: FIRE STATION; S-1 WITH ACCESSORY OCCUPANCY
SENIOR CENTER; A-3 WITH ACCESSORY B OCCUPANCY AND
COMMERCIAL KITCHEN

BUILDING HEIGHT
IBC T504.3: ALLOWABLE HEIGHT 40 FT.
ACTUAL HEIGHT: 19 FT.

BUILDING AREA
MIXED OCCUPANCY, ONE STORY BUILDING: (EQUATION 5-1) $A_a = A_t + (NS \times If)$
 $A_t = \text{IBC T506.2: } 38,000 \text{ SF / STORY}$
 $NS = \text{IBC T506.2: } 9,500 \text{ SF / STORY}$
 $If = (\text{Equation 5-5}): [Ifp - 0.25] W/30 = [885/885 - 0.25] \times 30/30 = 0.75$
 $F = 885'$
 $P = 885'$
 $W = 30'$

THEREFORE:
 $A_a = 38,000 + (9,500 \times 0.75) = 38,000 + (7,125) = 45,125 \text{ SF}$
ALLOWABLE AREA: 45,125 GSF AT GRADE
ACTUAL AREA: 7,464 GSF AT GRADE

OCCUPANT LOAD PER IBC TABLE 1004.1.2:
DESIGN OCCUPANT LOAD BASED ON TABLE 1004.1.2 FOR EGRESS REQUIREMENTS
CONSISTENT WITH THE REQUIREMENTS FOR MULTIPLE USE SPACES ADDRESSED IN
SECTION 302.1

TOTAL OCCUPANT LOAD: 177 (FIRE STATION OCC.: 27, SENIOR CENTER OCC.: 150)

* ACCESSORY OCCUPANCIES - SECTION 508.2.3
AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE
FLOOR AREA ON THE STORY IN WHICH THEY ARE LOCATED.

NUMBER OF EGRESS REQUIREMENTS SHALL APPLY TO EACH PORTION OF THE BUILDING
BASED ON THE OCCUPANCY OF THAT SPACE.

STAIR WIDTH (SECTION 1005.3.1) 0.3" PER OCCUPANT

EGRESS WIDTH (SECTION 1005.3.2) 0.2" PER OCCUPANT

EXIT ACCESS TRAVEL DISTANCE PER TABLE 1017.2
WITHOUT SPRINKLER SYSTEM: 200 FT.

MIN. CORRIDOR WIDTH PER TABLE 1020.2 44" MIN.

DEAD END CORRIDOR PER IBC 1020.4
DEAD END CORRIDOR SHALL NOT EXCEED 20'-0" (A)

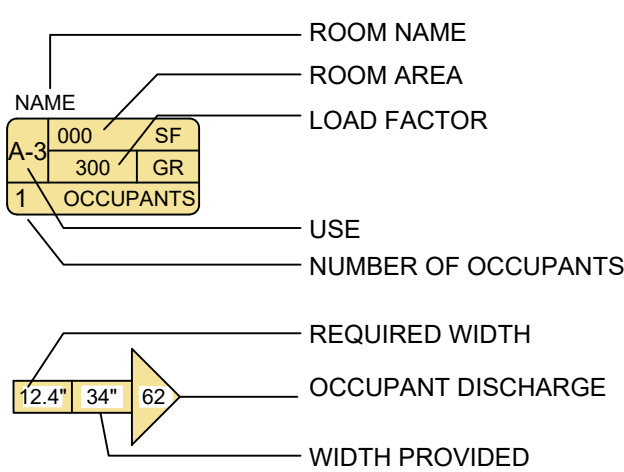
FIRE PROTECTION SYSTEMS (IBC CHAPTER 9)
MONITORED AUTOMATIC FIRE ALARM SYSTEM

FIRE EXTINGUISHERS (IBC CH. 906, TABLE 906.3 (1))
SINGLE EXTINGUISHER RATING: REQUIRED: 2-A

SPECIFIED: 4A-80BC
MAX. FLOOR AREA PER UNIT OF A: 3000 SF (LIGHT HAZARD OCCUPANCY)
MAX. FLOOR AREA FOR EXTINGUISHER: 11,250 SF
MAX. TRAVEL DISTANCE TO EXTINGUISHER 75'

REQUIRED NUMBER OF EXTINGUISHERS:
TOTAL FLOOR AREA 6,252.94 SF / 11,250 SF = 2 EXTINGUISHER
PROVIDED NUMBER OF EXTINGUISHERS: 4 EXTINGUISHERS AT <75' TRAVEL DISTANCE.

LEGEND:



- X/EM EXIT SIGN AND EMERGENCY LIGHT
EM EMERGENCY LIGHT
F.E.C. RECESSED MOUNT FIRE EXTINGUISHER CABINET.
F.E. SURFACE MOUNTED FIRE EXTINGUISHER

Lloyd & Associates
ARCHITECTS

100 N Guadalupe St., Suite 201
Santa Fe, NM 87501
Telephone: 505-985-0789 Fax: 505-986-1165
Web address: lloyd-architects.com



CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3

16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

Current Status:

PERMIT & BID

REVISIONS

NO.	DATE	DESCRIPTION
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-	-	-
-	-	-
-	-	-

Drawn by: RL/KL

Checked by: SM

Date: 07-25-2022

Sheet Title:

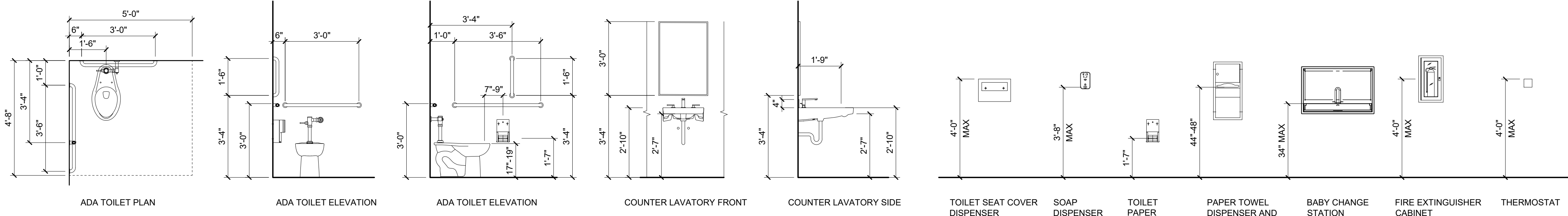
EXITING PLAN

Job Number: 2022-24

Sheet No.

G003

PERMIT & BID SET
07-25-2022



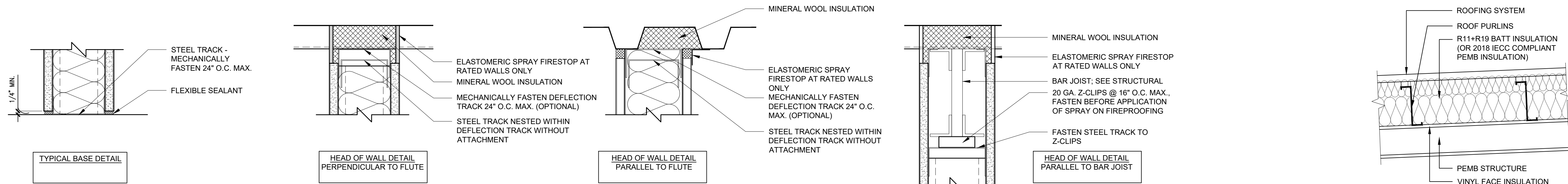
GENERAL NOTES:

- A. PROVIDE MOISTURE RESISTANT GYPSUM BOARD BEHIND ALL WET WALLS.
- B. PROVIDE TILE BACKER BOARD WHERE CERAMIC TILE IS INDICATED.

PERMIT & BID SET
07-25-2022

E1 STANDARD ADA DETAILS

3/8" = 1'-0"

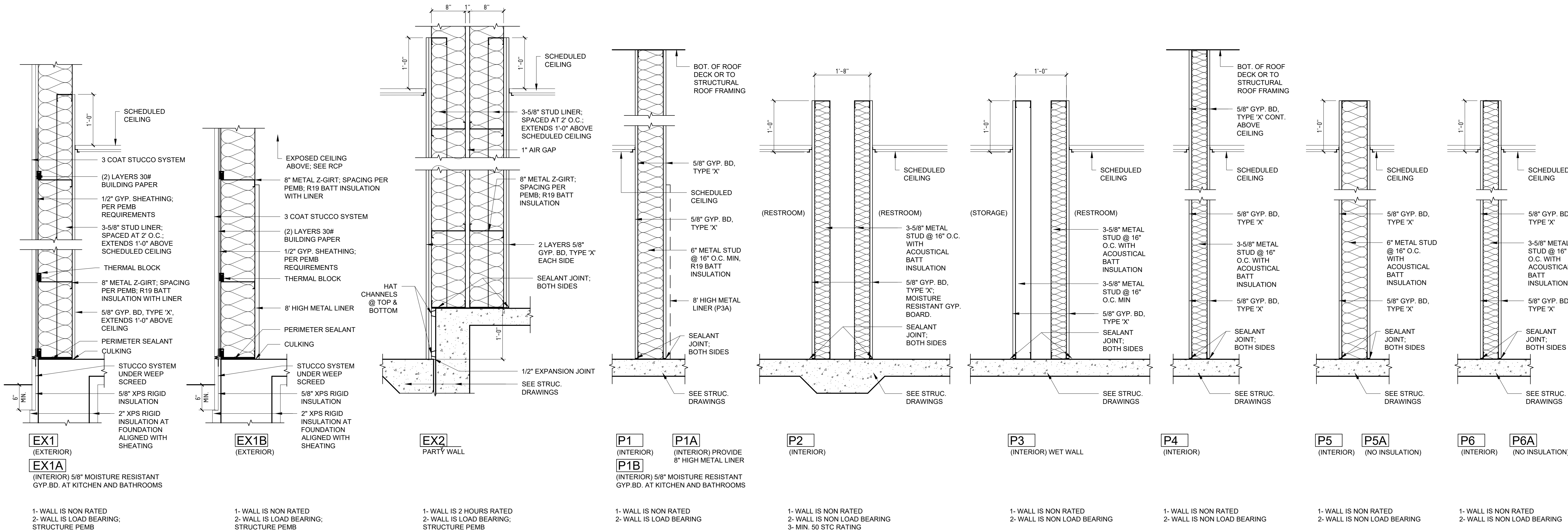


C1 PARTITION HEADER AND SILL DETAILS

3" = 1'-0"

C5 TYPICAL ROOFING SYSTEM

1" = 1'-0"



A1 PARTITION TYPES

1" = 1'-0"

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**CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3**
16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

Current Status:

PERMIT & BID

REVISIONS

NO.	DESCRIPTION	DATE
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Drawn by:

RL/KL

Checked by:

SM

Date:

07-25-2022

Sheet Title:

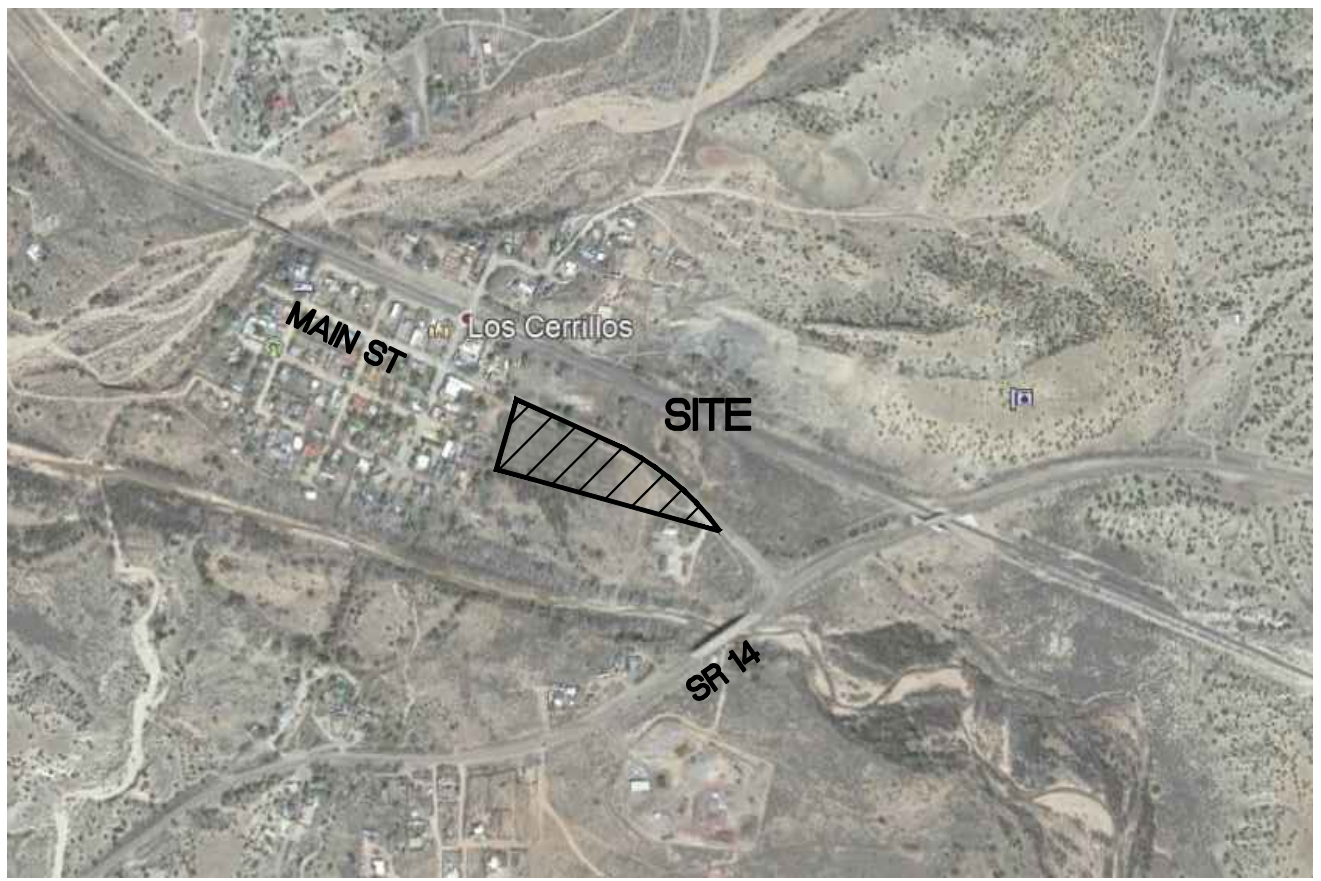
**GENERAL
DETAILS**

Job Number:

2022-24

Sheet No.

G004

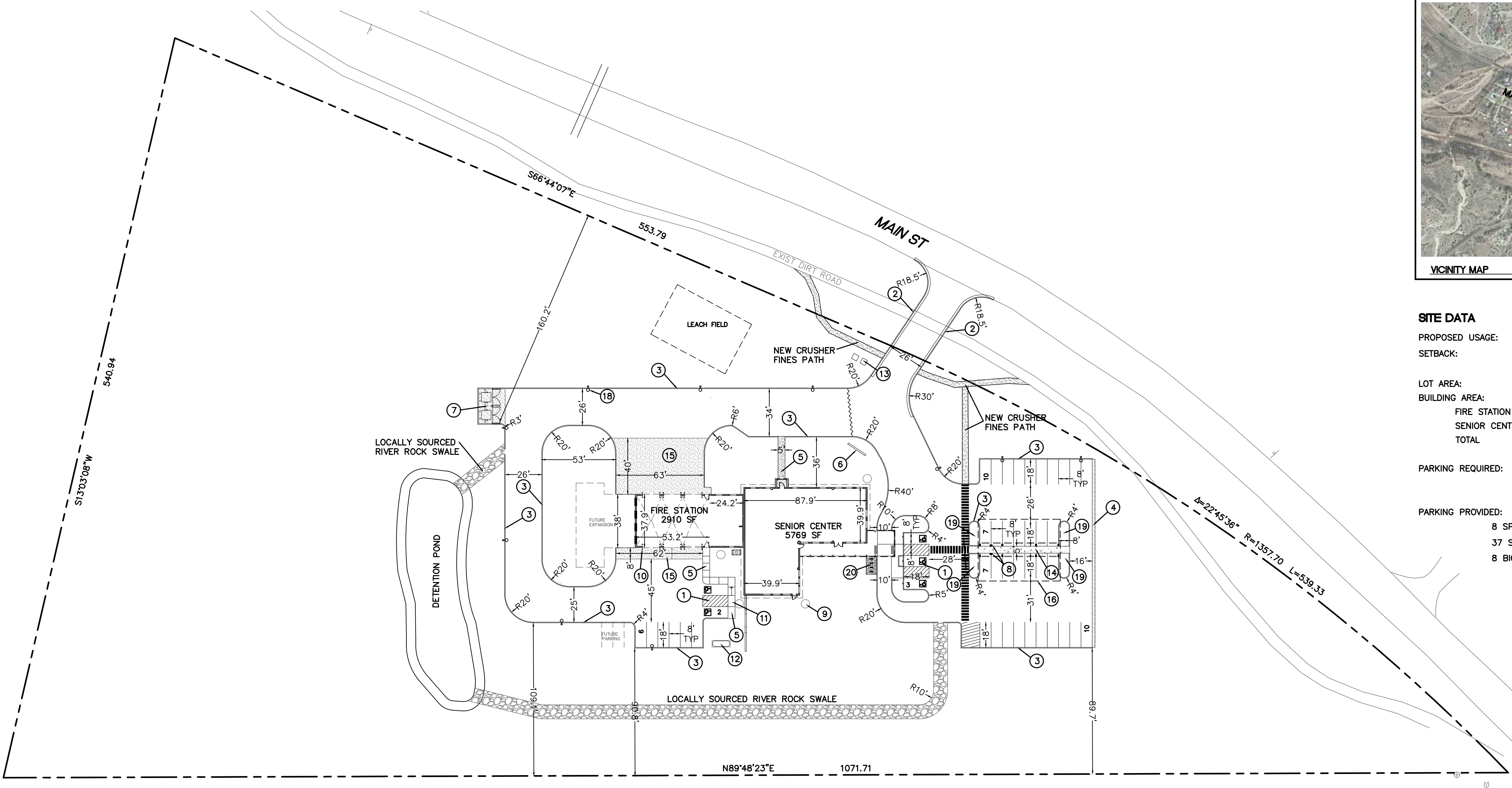


VICINITY MAP

SITE DATA

PROPOSED USAGE:	PUBLIC/INSTITUTIONAL
SETBACK:	10' FRONT 5' BACK
LOT AREA:	7.37 ACRES
BUILDING AREA:	
FIRE STATION	2910 SF
SENIOR CENTER	5769 SF
TOTAL	8679 SF
PARKING REQUIRED:	1/250 SF OF NET USABLE AREA 23 SPACES PLUS 5 EMPLOYEES=25 SPACES

PARKING PROVIDED:	
8 SPACES FOR FIRE STATION (INCLUDES 2 ACCESSIBLE SPACES)	
37 SENIOR CENTER (INCLUDES 3 ACCESSIBLE SPACES)	
8 BICYCLE SPACES	

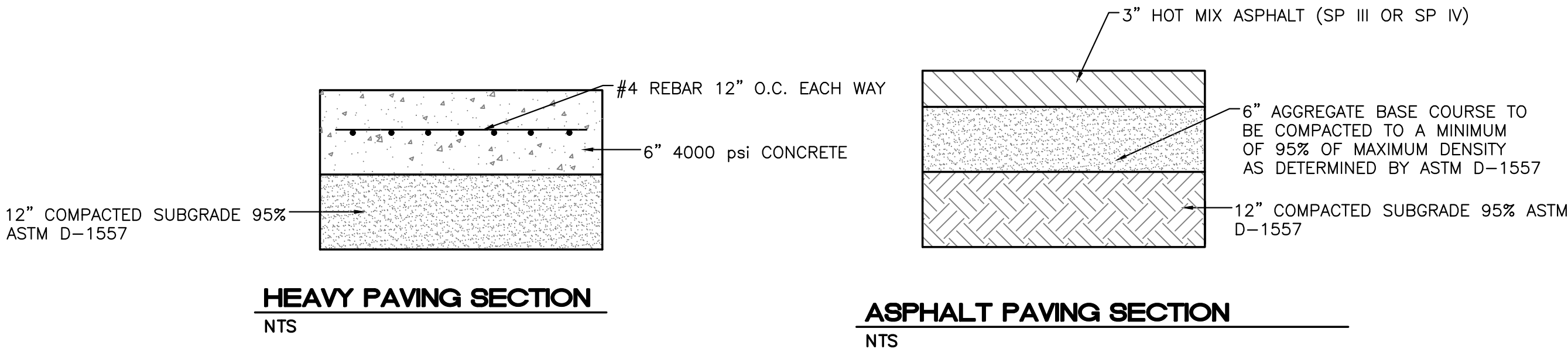


LEGEND

	CURB & GUTTER
	HEADER CURB
	BOUNDARY LINE
	BUILDING
	SIDEWALK
	SITE LIGHTING

KEYED NOTES

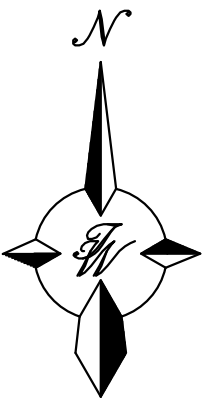
- ACCESSIBLE PARKING W/SIGN PER ADA STANDARDS (1.0% MIN - 2.0% MAX SLOPE) SEE DETAIL 5 SHEET DET-1
- 6" CURB AND GUTTER
- 6" HEADER CURB
- CONC. MEOW CURB; COORDINATE LEVEL TRANSITION WITH ADJACENT GRADES
- 5' CONCRETE SIDEWALK
- MONUMENT SIGN
- DUMPSTER ON CONCRETE SLAB W/SCREEN WALL SEE ARCHITECTURAL DRAWING
- ELECTRICAL CAR CHANGING STATIONS; SEE ELECTRICAL DWGS
- ABOVE GROUND CISTERN (TYP)
- BOLLARDS (TYP)
- ACCESSIBLE RAMP PER ADA REQUIREMENTS
- PROPANE TANK
- TRANSFORMER SEE ELECTRICAL DWGS
- CONC. SIDEWALK; GRADE SHALL BE ACCESSIBLE TO THAT OF ADJACENT ADA PARKING SPACES AND ACCESS AISLES
- CONCRETE APRON SEE STRUCTURAL PLAN FOR DETAILS
- SUN SHADE ABOVE PARKING, SEE ARCHITECTURAL DRAWING TO BE COORDINATED WITH SOLAR INSTALLER
- BICYCLE RACK
- SITE LIGHTING (TYP), SEE ELECTRICAL DRAWINGS
- DEPRESSED ISLAND, SEE LANDSCAPE PLANS



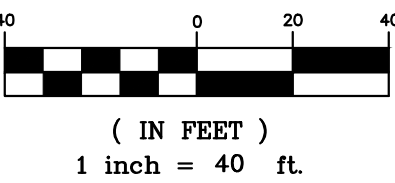
HEAVY PAVING SECTION
NTS

ASPHALT PAVING SECTION
NTS

REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL SPECIFICATIONS



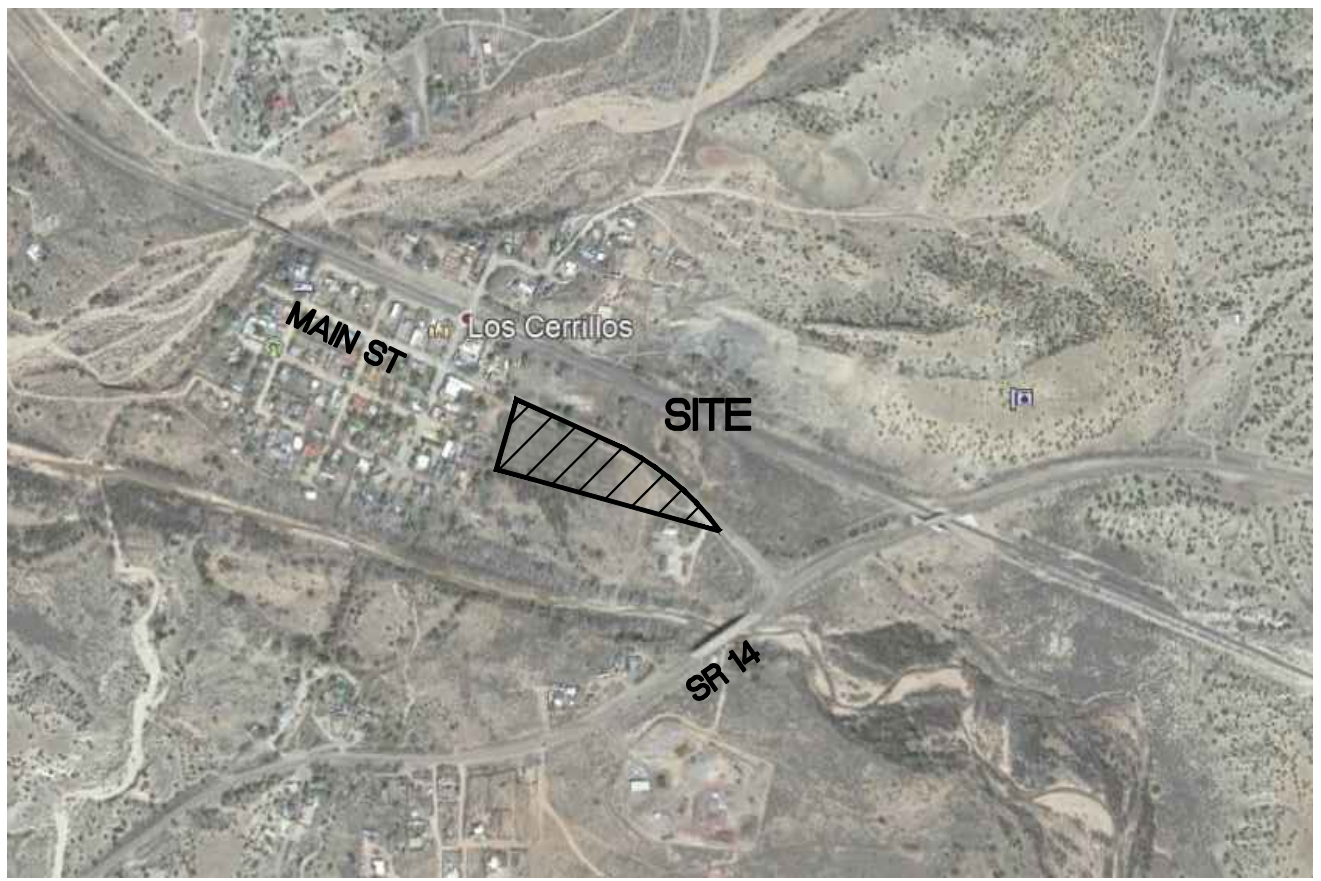
GRAPHIC SCALE



PERMIT & BID SET

07-25-2022

	CERILLOS WSC FIRE STATION/SENIOR CENTER	DRAWN BY pm
	SITE PLAN	DATE 10-18-21
	 5571 MIDWAY PARK PL. NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	DRAWING 2020061-SP
		SHEET # SP-1
		JOB # 2020061



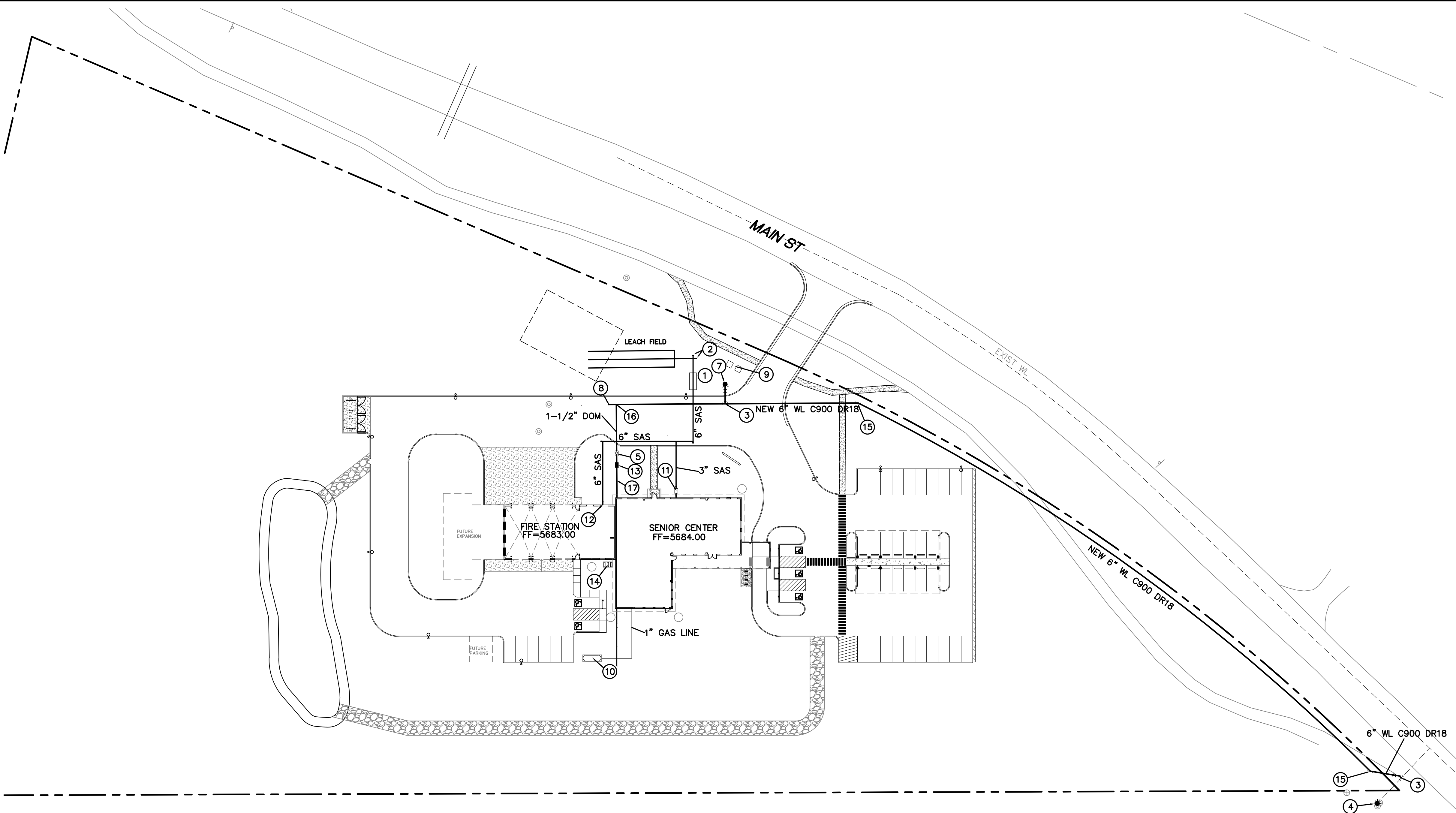
VICINITY MAP

GENERAL NOTES FOR WATER LINE EXTENSIONS

- CONTRACTOR WILL NOTIFY THE EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION 5 DAYS PRIOR TO INITIATING ANY CONSTRUCTION WORK.
- CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION CONSTRUCTION SPECIFICATIONS AND STANDARD DETAIL 15.
- ALL EASEMENTS WILL BE DEDICATED, CLEARED AND GRADED, AND STAKED PRIOR TO WATER LINE INSTALLATION.
- ALL STREETS WILL BE CUT TO GRADE PRIOR TO WATER LINE INSTALLATION.
- ALL LOT CORNERS WILL BE STAKED PRIOR TO SERVICE LINE INSTALLATION. CURB AND GUTTER WILL BE INSTALLED PRIOR TO WATER LINE INSTALLATION UNLESS OTHERWISE APPROVED IN WRITING BY EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION.
- CONTRACTOR (DEVELOPER) SHALL PROVIDE CONSTRUCTION STAKING, PERFORMED BY A NEW MEXICO LICENSED SURVEYOR, UTILIZING THE APPROPRIATE RIGHT-OF-WAY MAPS, SIGNED PLATS AND EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION DRAWINGS.
- MATERIALS SUBMITTALS SHALL BE APPROVED BY EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION PRIOR TO CONSTRUCTION.
- CONTACT NEW MEXICO ONE CALL AT 1-800-321-2537, FOR UTILITY SPOTTING, NOT LESS THAN TWO WORKING DAYS IN ADVANCE OF CONSTRUCTION.
- PRESSURE REGULATORS WILL BE INSTALLED ON ALL SERVICES DOWNSTREAM FROM THE METER.
- PRESSURE REGULATOR AND PRESSURE SYSTEMS MUST BE APPROVED BY THE CITY OF SANTA FE PRIOR TO INSTALLATION.
- A MINIMUM OF 4 FEET COVER TO TOP OF PIPE SHALL BE MAINTAINED.
- CONTRACTOR SHALL SUBMIT VALVE TIES TO EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION WITHIN 5 DAYS AFTER COMPLETION OF INSTALLATION.
- CONTRACTOR SHALL SUBMIT FITTING TIES AND LENGTHS BETWEEN FITTINGS TO SDCW, WITHIN 5 DAYS AFTER COMPLETION OF WORK. THIS INCLUDES DISTANCES FROM CORPORATION STOP TO CORPORATION STOP. AS-BUILT QUANTITIES AND MEASUREMENTS SHALL BE LEGIBLE AND PROVIDED ON EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION DRAWINGS OR OTHER METHOD APPROVED IN ADVANCE BY SDCW.
- ALL VALVE BOXES SHALL BE BROUGHT UP TO GRADE, AFTER THE FIRST COURSE OF ASPHALT.
- FIRE HYDRANTS SHALL BE NUMBERED USING REFLECTIVE SELF-ADHESIVE NUMERALS. THESE REFLECTIVE NUMERALS SHALL BE OBTAINED BY THE CONTRACTOR FROM THE SDCW FIELD REPRESENTATIVE, AT THE TIME THE INDIVIDUAL TASK AUTHORIZATION (ITA) IS ISSUED. NUMBERS SHALL BE LEGIBLE FROM THE ROAD.
- A MECHANICAL RESTRAINT SYSTEM SHALL BE UTILIZED ON FITTINGS AND PIPING FOR THRUST RESTRAINT. CONCRETE THRUST BLOCKING SHALL BE USED ONLY FOR SPECIAL CONDITIONS (E.G. AT TEMPORARY CAPS WHERE MAIN 15 EXPECTED TO BE EXTENDED IN THE FUTURE) AS SPECIFICALLY SHOWN ON DRAWINGS APPROVED BY SDCW.
- ANY FIELD CHANGES TO THESE DESIGN DRAWINGS SHALL REQUIRE PRIOR APPROVAL BY BOTH THE DESIGN ENGINEER AND EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION.
- WORK ON EXISTING SDCW FACILITIES CANNOT PROCEED UNTIL EL VADITO DE LOS CERRILLOS MUTUAL DOMESTIC WATER ASSOCIATION HAS ISSUED THE RELEVANT ITA TO THE CONTRACTOR.
- CONTRACTOR SHALL SEND WRITTEN NOTIFICATION TO ALL CURRENT SDCW CUSTOMERS, WHOSE SERVICES WILL BE AFFECTED BY THIS PROJECT'S CONSTRUCTION ACTIVITIES, ONE WEEK IN ADVANCE OF WATER-SERVICE-RELATED WORK.

NOTES:

- ALL SEWER SERVICE LINES SHALL HAVE A 2% GRADE MIN.
- ALL WATERLINES, INCLUDING SERVICE LINES, SHALL BE BURIED AT A DEPTH OF 48" AND SHALL BE AT LEAST 2' ABOVE SEWER MAIN.
- CLEANOUTS ON ALL SEWER SERVICE LINES REQUIRED AT ANGLE POINTS AND ENTRANCES TO BUILDINGS.

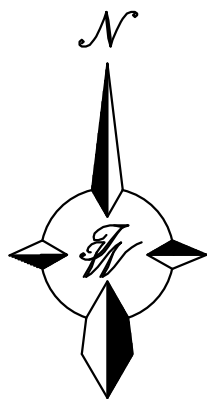


KEYED NOTES

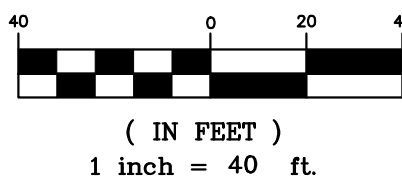
- NEW SEPTIC SYSTEM, SIZED BY SEPTIC CONTRACTOR AND DESIGNED TO MEET NMED REQUIREMENTS
- CLEAN OUT
- 6"x6"x6" TEE, 6" GATE VALVE, NON PRESSURIZED CONNECTION
- EXISTING FIRE HYDRANT
- 1-1/2" WATER METER
- NOT USED
- NEW FIRE HYDRANT
- 6" CAP
- TRANSFORMER
- PROPANE TANK BY OWNER & UTILITY PROVIDER SEE PLUMBING DWGS
- GREASE TRAP INV (IN)=5682.02
- DOUBLE C/O INV (IN)=5681.02
- HOTBOX/BACK FLOW PREVENTER ON 1'X3' CONCRETE PAD
- GROUND MOUNTED MECHANICAL EQUIPMENT ON CONC. PAD SEE MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS
- 22-1/2' ELBOW
- CONNECT 1-1/2" DOMESTIC LINE TO NEW 6" WATERLINE
- 2" SERVICE LINE AFTER 1-1/2" METER

LEGEND

- CURB & GUTTER
- HEADER CURB
- BOUNDARY LINE
- BUILDING
- SIDEWALK
- 3/4" GAS LINE



GRAPHIC SCALE

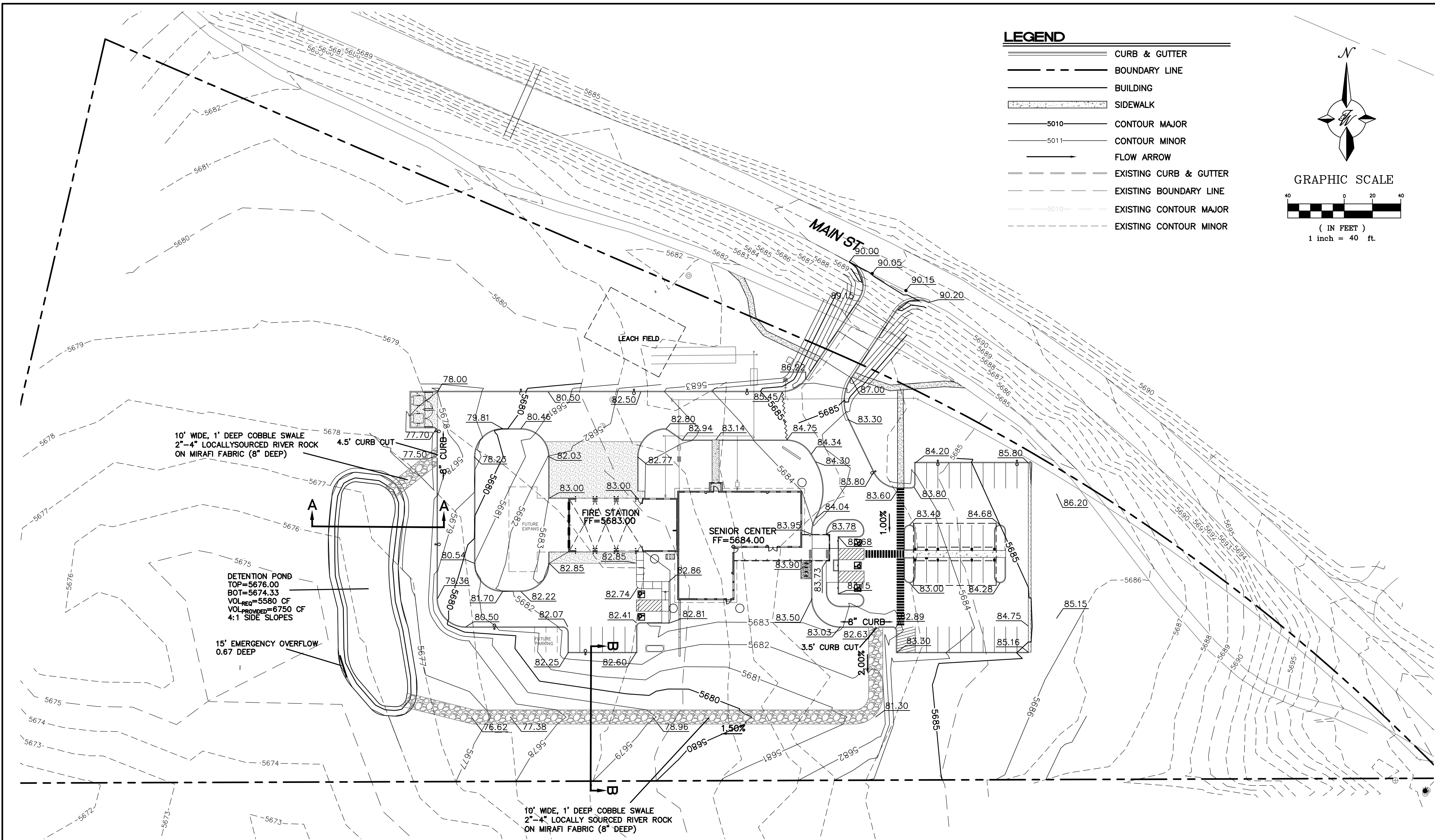


CAUTION

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

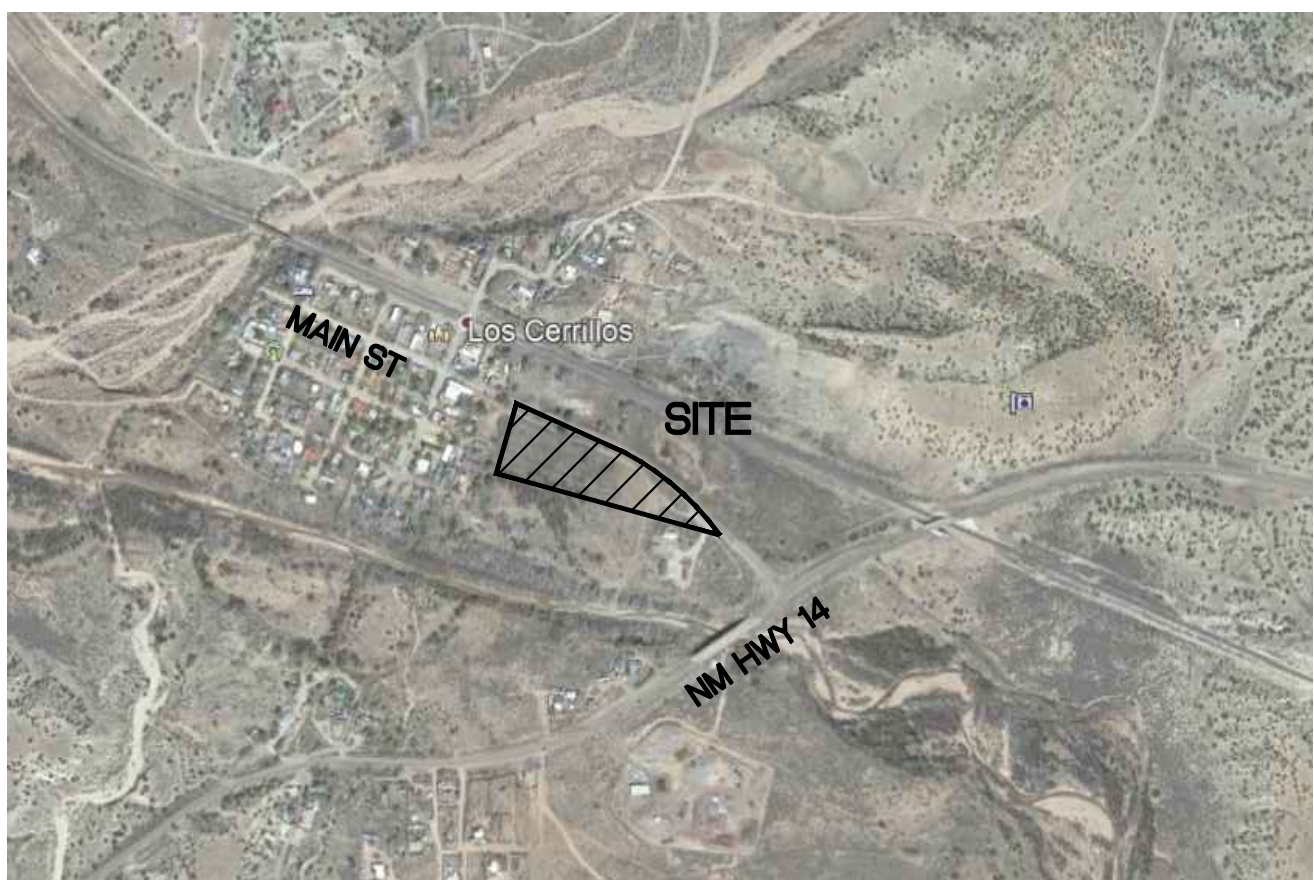
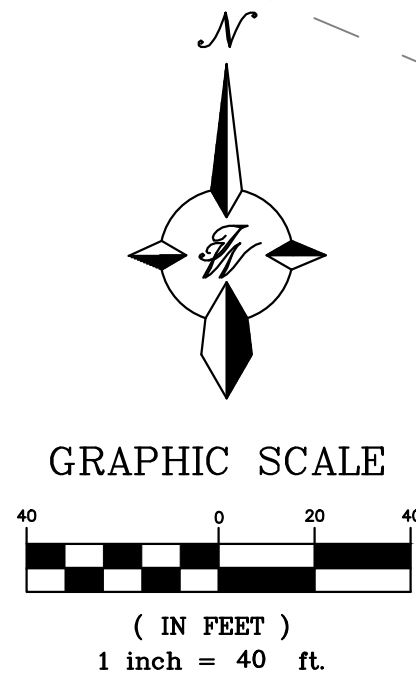
PERMIT & BID SET
07-25-2022

<div>ENGINEER'S SEAL</div> <div></div> <div>RONALD R. BOHANNAN P.E. #7868</div>	CERILLOS WSC FIRE STATION/SENIOR CENTER MASTER UTILITY PLAN	DRAWN BY pm
		DATE 10-18-21
	<div></div> <div>TERRA WEST, LLC 5571 MIDWAY PARK BL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com</div>	DRAWING 2020061-MU
		SHEET # MU-1 JOB # 2020061

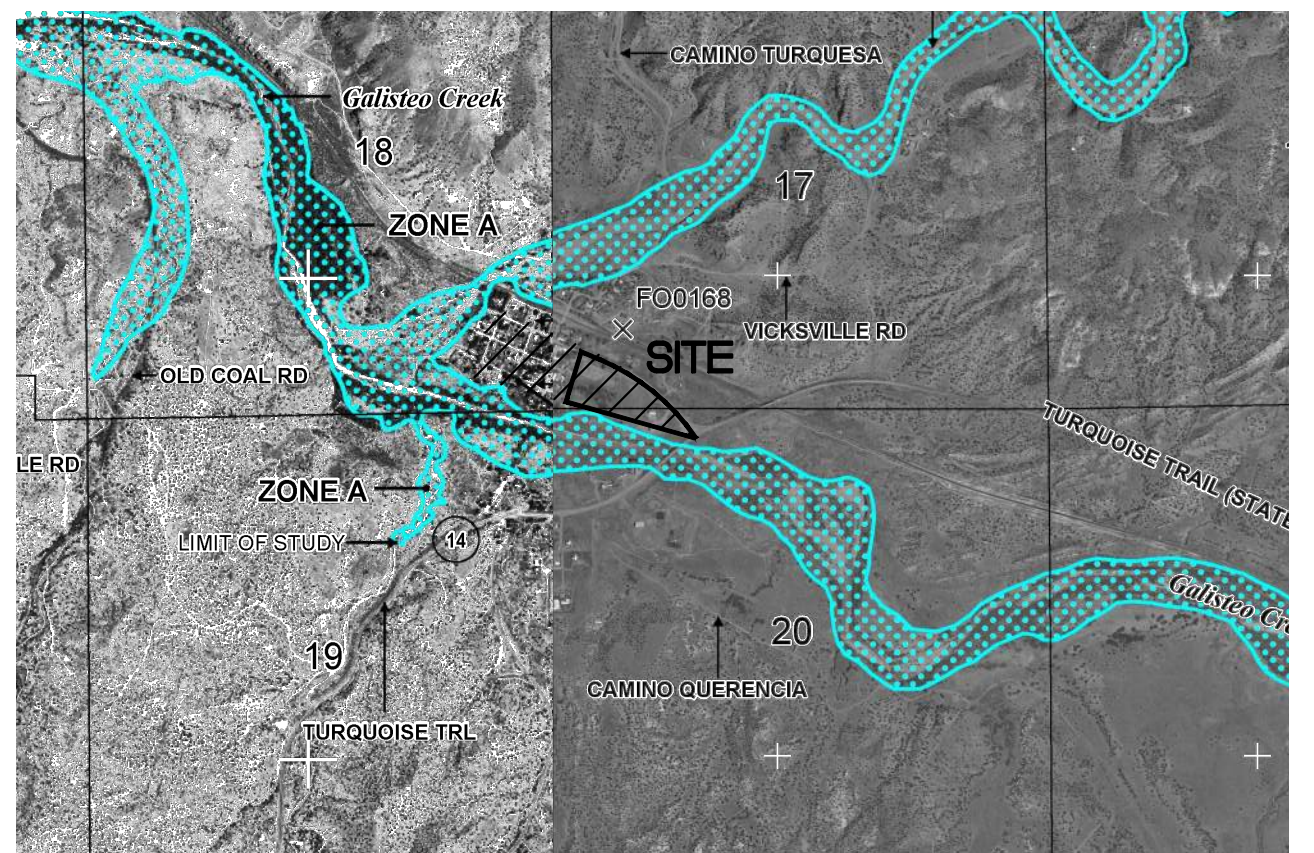


LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- BUILDING
- SIDEWALK
- 5010 CONTOUR MAJOR
- 5011 CONTOUR MINOR
- FLOW ARROW
- EXISTING CURB & GUTTER
- EXISTING BOUNDARY LINE
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR



VICINITY MAP



FLOOD MAP

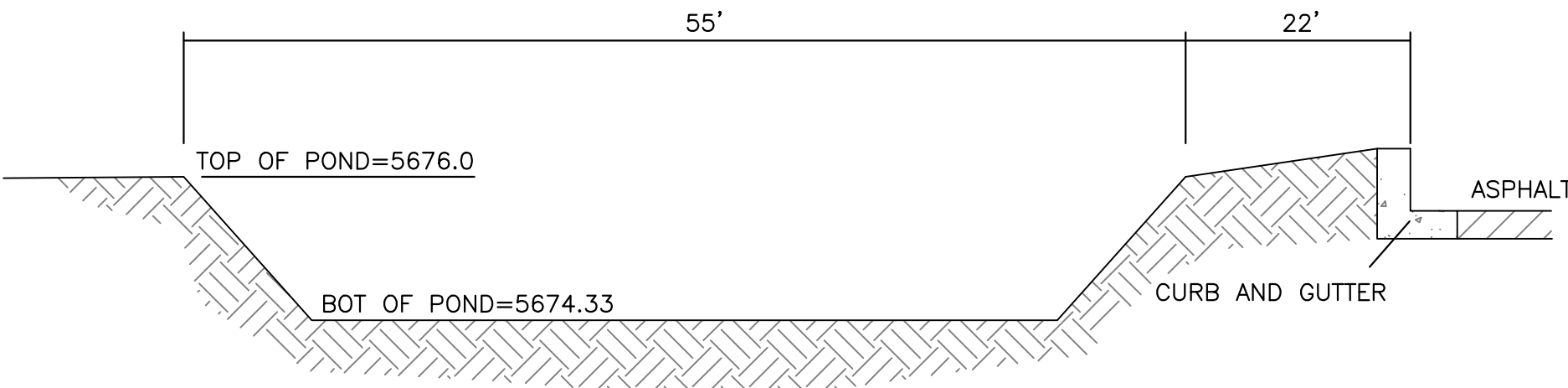
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NOTICE TO CONTRACTORS

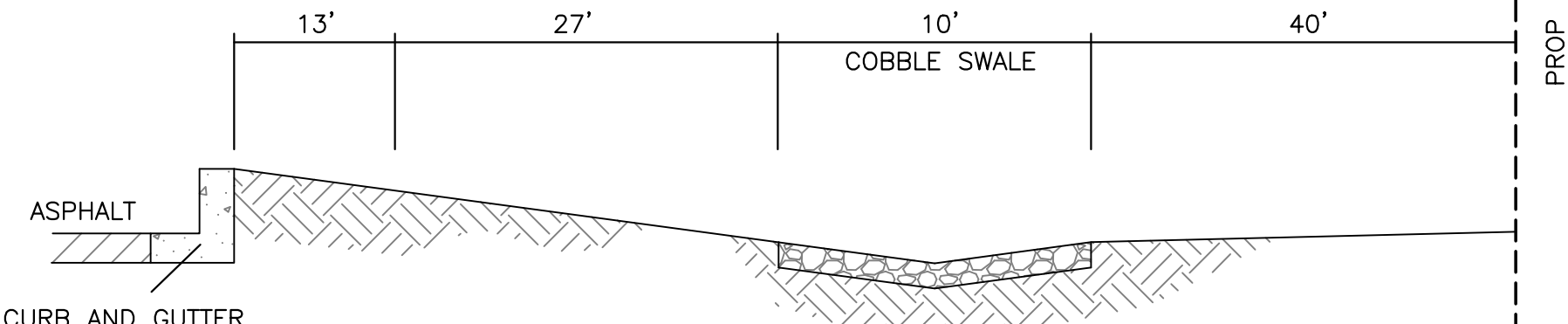
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

EROSION CONTROL NOTES

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (COUNTY) ACCEPTANCE OF ANY PROJECT.
- ALL SLOPES NOT STABILIZED AT THE END OF THE PROJECT SHALL BE STABILIZED IN ACCORDANCE WITH COA SPECS OR 3" GRAVEL.



SECTION A-A



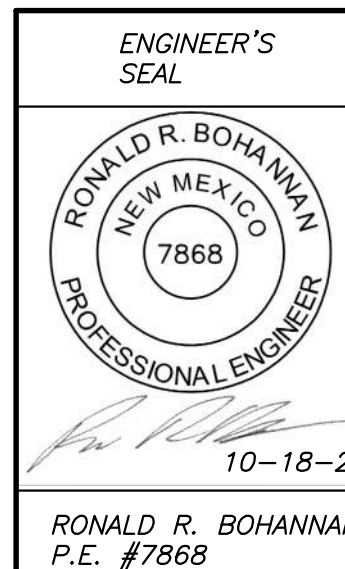
SECTION B-B

PERMIT & BID SET

07-25-2022

CAUTION

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CERILLOS WSC FIRE STATION/SENIOR CENTER

GRADING AND DRAINAGE PLAN

TERRA WEST, LLC
5571 MIDWAY PARK PL. NE
ALBUQUERQUE, NEW MEXICO 87109
(505) 858-3100
www.tierrawestllc.com

DRAWN BY

pm

DATE

10-18-21

DRAWING

2020061-SP

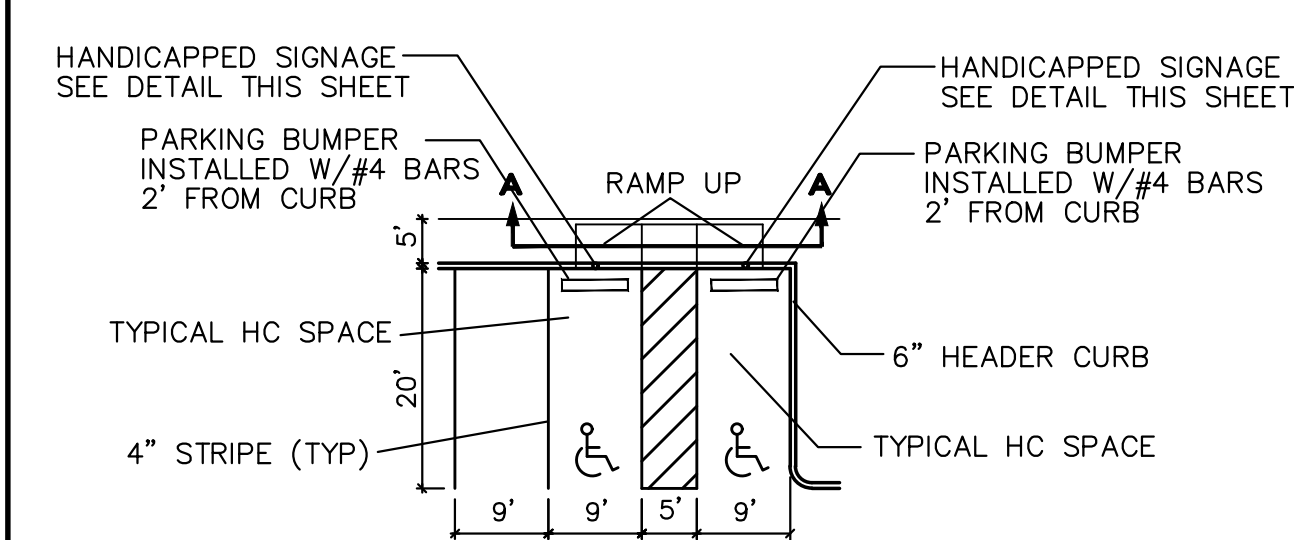
SHEET #

GR-1

JOB #

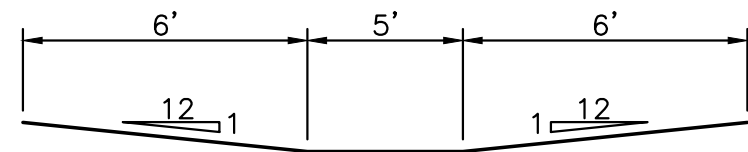
2020061

Pre-Developed Drainage Data								
Drainage Area	Area (Sq. Ft.)	Area (Ac)	Tc (Min)	Weighted CN	S-value	Direct Runoff Q (in)	Peak Discharge Q (cfs)	V _{100yr} (ft ³)
1	321,281	7.38	10.0	80	2.50	1.38	23.39	36,918
Developed Drainage Data								
Drainage Area	Area (Sq. Ft.)	Area (Ac)	Tc (Min)	Weighted CN	S-value	Direct Runoff Q (in)	Peak Discharge Q (cfs)	V _{100yr} (ft ³)
1	65,420	1.50	10.0	87	1.49	1.89	6.52	10,295
2	49,809	1.14	10.0	89	1.24	2.05	5.40	8,526
3	22,539	0.52	10.0	80	2.50	1.38	1.64	2,590
4	183,513	4.21	10.0	80	2.50	1.38	13.36	21,087
Totals							26.93	42,498
Required Retention Pond Volume								5,580
$Q = \frac{(P \cdot 0.2S)^2}{(P + 0.8S)}$								
P =			3.17	100yr/24hr rate per NOAA 14 Cerillos, NM				
S =		$\frac{1000}{CN} - 10$						
Unit Discharge =			2.3	CFS/Ac-in				
Water Harvesting Cistern Requirements								
1.5 gallons * roof area (sf): 1.5 gallons * 9,330 sf = 13,995 gallons								



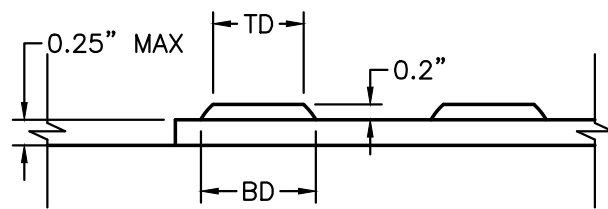
HC PARKING DETAIL

NTS



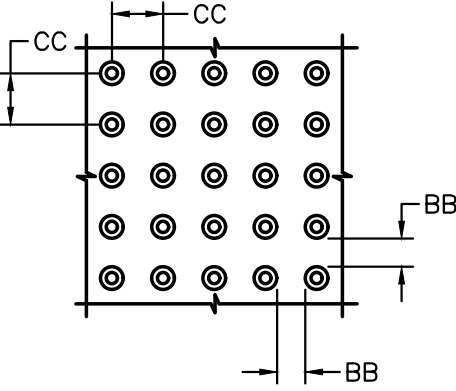
HC PARKING DETAIL SECTION A-A

NTS



DOME SECTION

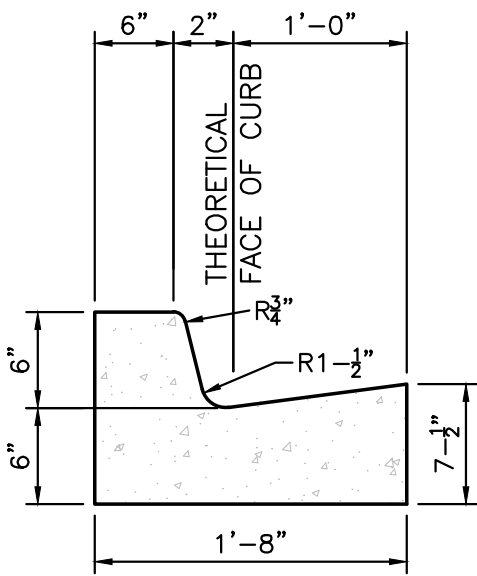
BD - BASE DIAMETER 0.9" MIN
TD - TOP DIAMETER 50% OF BD MIN TO 65% OF BD MAX



DOME SPACING

CC - CENTER TO CENTER SPACING 2.35"
BB - BASE TO BASE SPACING 1.48" MIN

TRUNCATED DOME DETAIL

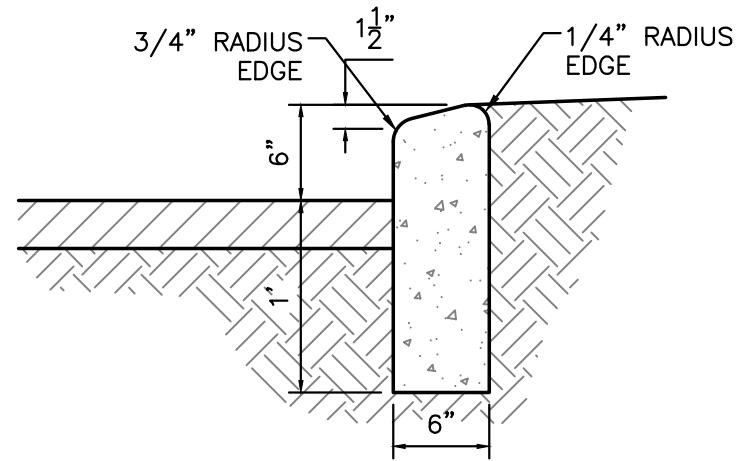


CURB GENERAL NOTES:

1. ALL CURBS TO BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE, PER COUNTY SPECIFICATIONS.
2. PROVIDE CONTRACTION JTS. 12' MAX., SPACING, 1/2" EXP. JTS. AT CURB RETURNS AND AT A MAX. SPACING OF 120' BETWEEN CURB RETURNS AND EACH SIDE OF SEPARATELY CONSTRUCTED DRIVEWAYS. CONTRACTION JTS., SHALL BE EITHER SAWED OR TOOLED A MINIMUM OF 1" DEEP AT FINISHED FACES.
3. ALL EDGES SHALL BE EDGED WITH A 3/8" RADUIS EDGING TOOL.
4. 1/4" ISOLATION JOINT SHALL BE PLACED BETWEEN SIDEWALK AND CURB WHEN CAST ADJACENT TO EACH OTHER.

6" PRIVATE CURB & GUTTER

NTS

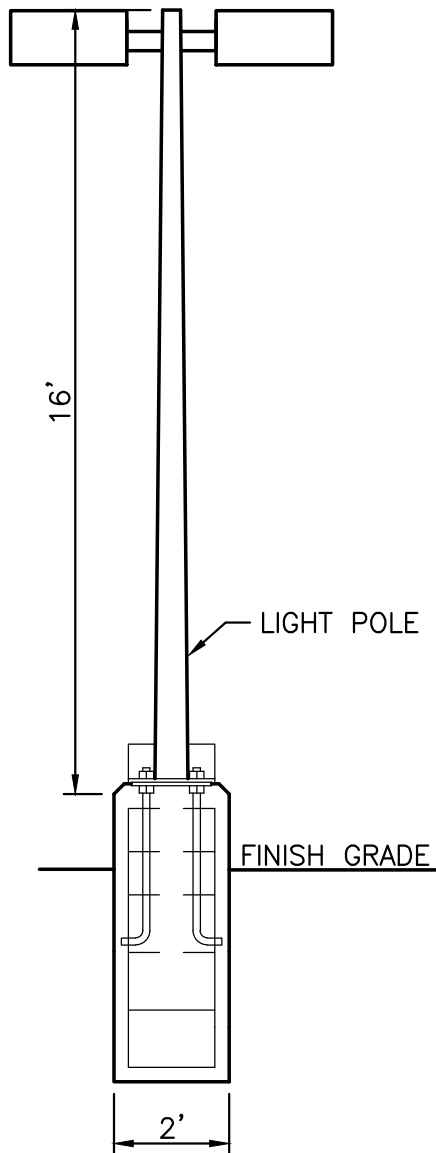


CURB GENERAL NOTES:

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4. 1/4" ISOLATION JOINT SHALL BE PLACED BETWEEN SIDEWALK AND CURB WHEN CAST ADJACENT TO EACH OTHER.

6" HEADER CURB DETAIL

1"=1'



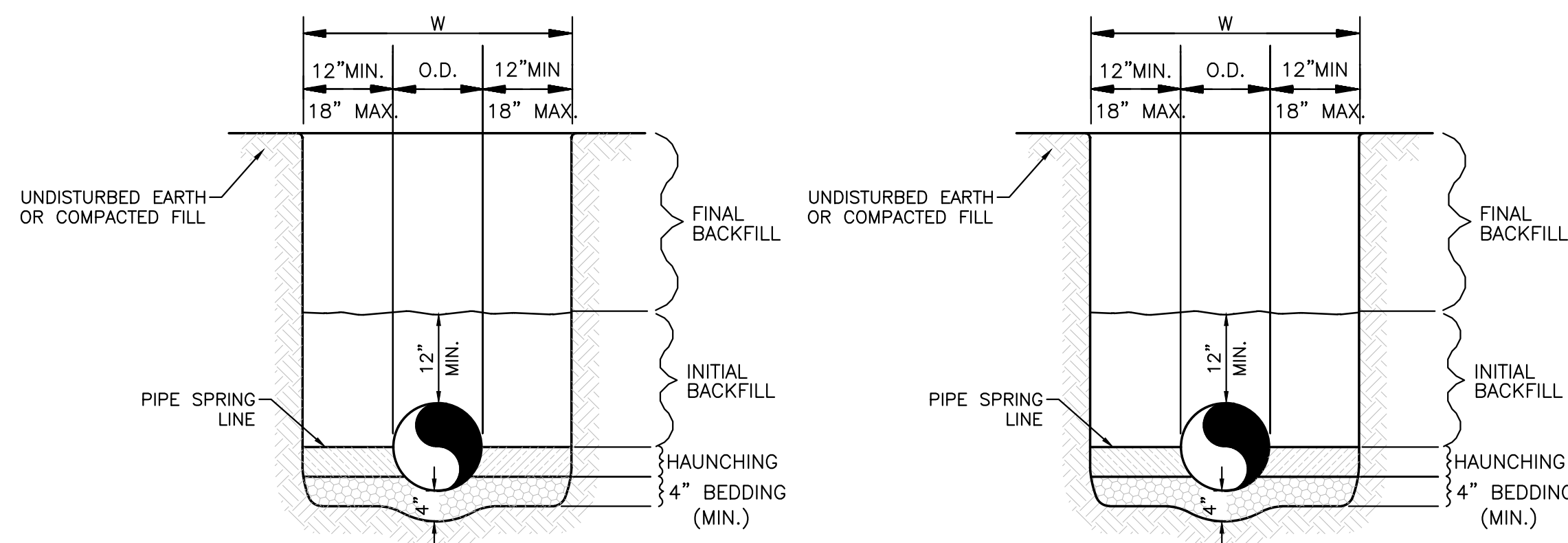
LIGHT POLE DETAIL

NTS

NIS

<div>ENGINEER'S SEAL</div> <div></div> <div>RONALD R. BOHANNAN P.E. #7868</div>	CERILLOS WSC FIRE STATION/SENIOR CENTER	DRAWN BY pm
		DATE 10-18-21
	CONSTRUCTION DETAILS	DRAWING 2020061-MU
	<div>TIERRA WEST, LLC 5571 MIDWAY PARK PL. NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com</div>	SHEET # DET-1 JOB # 2020061

PERMIT & BID SET
07-25-2022



WATER LINE

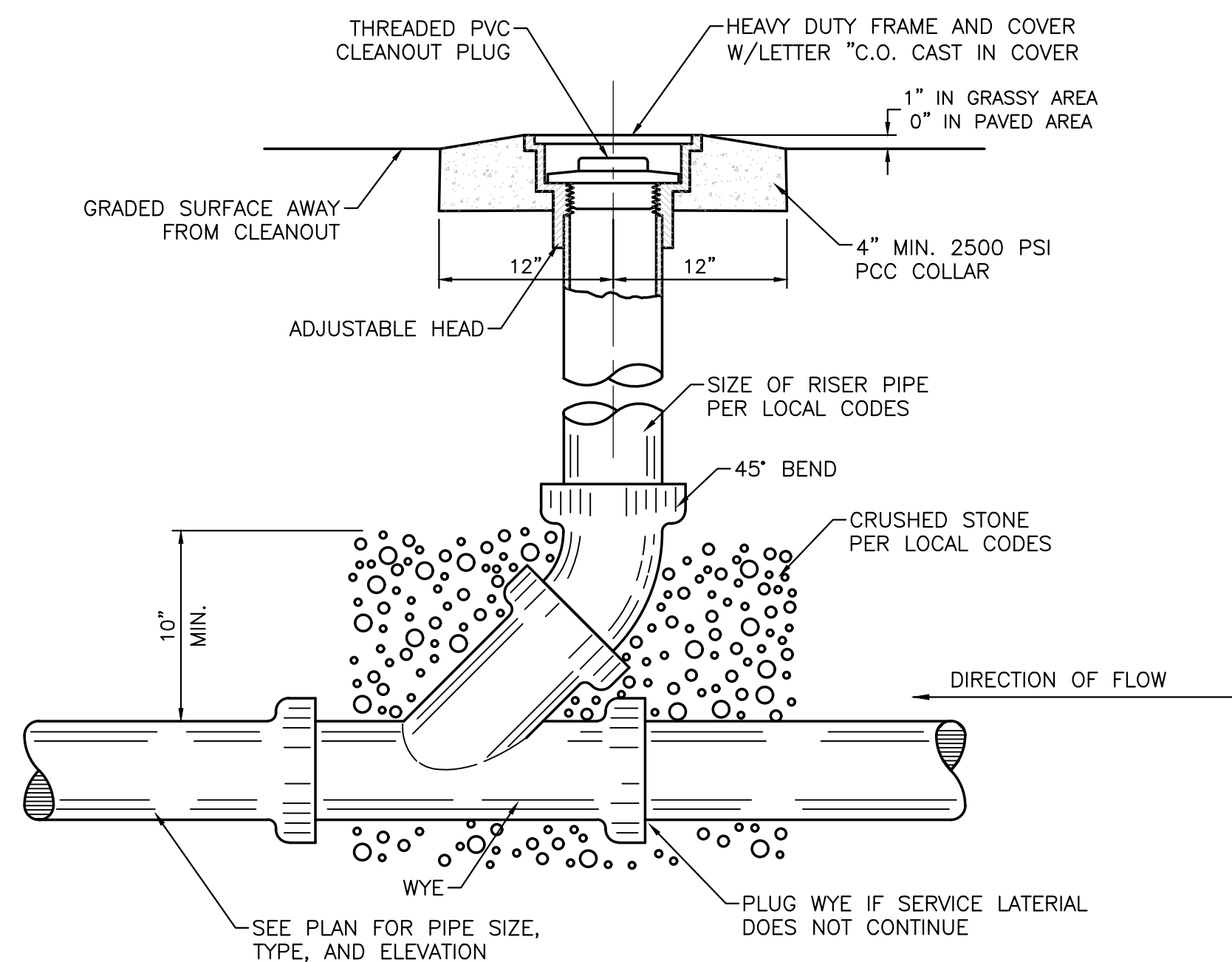
SANITARY SEWER

GENERAL NOTES

- BEDDING SHALL BE CLASS I-A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I-B COMPACTED TO 85% STANDARD PROCTOR. (SEE SPECIFICATIONS FOR GRADATION)
- HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A OR CLASS I-B OR CLASS II COMPACTED TO 85% PROCTOR.
- INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 85% STANDARD PROCTOR.
- INITIAL BACKFILL NOT UNDER PAVED AREAS CAN BE COMPACTED TO 90% STANDARD PROCTOR.
- FINAL BACKFILL SHALL BE CLASS I, OR II COMPACTED AS NOTED IN NOTES 3. AND 4.
- FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE TYPE II COMPACTED TO 95% STANDARD PROCTOR.
- ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-89.
- ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698.
- FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
- ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)

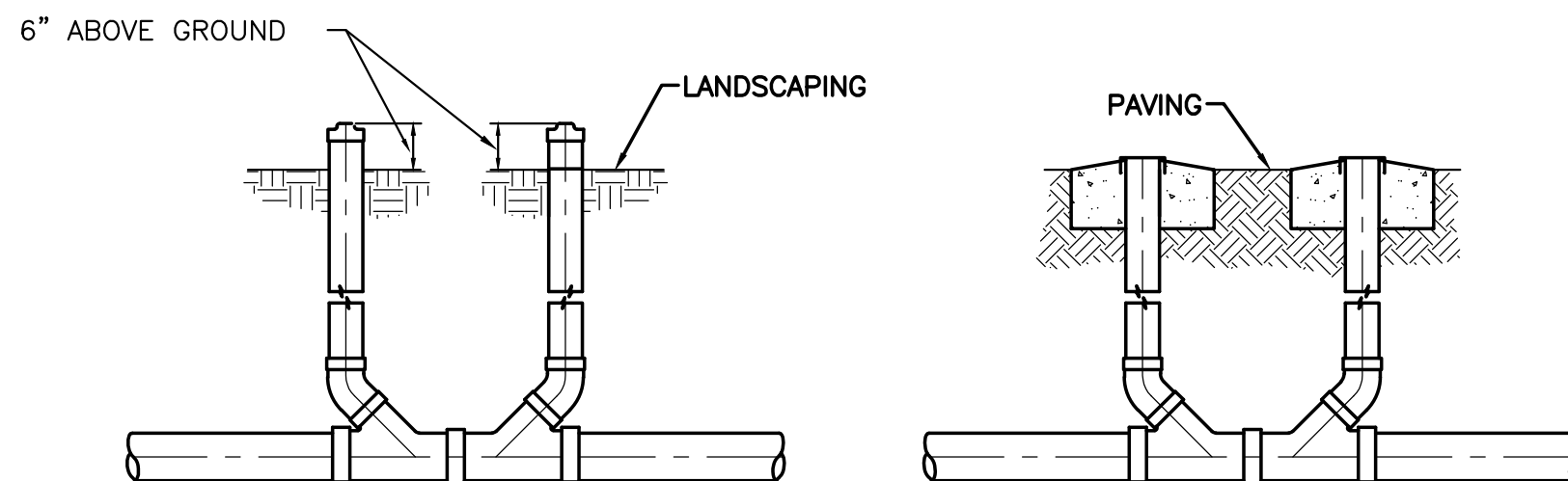
UTILITY TRENCH AND BEDDING DETAIL

NTS



SANITARY SEWER CLEAN-OUT

NTS



SANITARY SEWER DOUBLE CLEAN-OUTS

NTS

PERMIT & BID SET

07-25-2022

<p>ENGINEER'S SEAL</p> <p>RONALD R. BOHANNAN</p> <p>NEW MEXICO</p> <p>7868</p> <p>PROFESSIONAL ENGINEER</p> <p>10-18-21</p> <p>RONALD R. BOHANNAN</p> <p>P.E. #7868</p>	<p>CERILLOS WSC FIRE STATION/SENIOR CENTER</p>	<p>DRAWN BY</p> <p>pm</p>
		<p>DATE</p> <p>10-18-21</p>
	<p>CONSTRUCTION DETAILS</p>	<p>DRAWING</p> <p>2020061-MU</p>
	<p>TIERRA WEST, LLC</p> <p>5571 MIDWAY PARK PL. NE.</p> <p>ALBUQUERQUE, NEW MEXICO 87109</p> <p>(505) 858-3100</p> <p>www.tierrawestllc.com</p>	<p>SHEET #</p> <p>DET-2</p>
		<p>JOB #</p> <p>2020061</p>

PLOT DATE: Sep 16, 2021, 4:57pm
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STRUCTURAL FOUNDATION PLANS

CERILLOS SENIOR CENTER AND TURQUOISE TRAIL #3 FIRE STATION

LOT 3,SECTION 17,T.14N., R8E., N.M.P.M., SANTA FE COUNTY, NEW MEXICO

ABBREVIATIONS

/	Per	FAB	Fabricate	OD	Outside Diameter
@	At	FF	Finished Floor	O.F.	Outside Face
AB	Anchor Bolt	FLG	Flange	OPNG	Opening
ADDNL	Additional	FLR	Floor	OPP	Opposite
ADJ	Adjacent	FDTN	Foundation	PAF	Powder Actuated Fastener
AFF	Above Finish Floor	FO	Face Of	PC	Precast
ALT	Alternative	FP	Full Penetration	PEN	Penetration
APA	American Plywood Association	FRMG	Framing	PERP	Perpendicular
APPROX	Approximate	FS	Far Side	PL	Plate
ARCH	Architect or Architectural	FT	Foot or Feet	PLF	Pounds Per Lineal Foot
		FTG	Footing	PREFAB	Prefabricated
		FV	Field Verify	PRELIM	Preliminary
B/ , B.O.	Bottom of	GA	Gage or Gauge	PS	Prestressed
BG	Backgoue	GALV	Galvanized	PSF	Pounds Per Square Foot
BLDG	Building	GL	Glu-lam	PSI	Pounds Per Square Inch
BLKG	Blocking	GR	Grade	PT	Pressure Treated
BM	Beam	GR BM	Grade Beam		
BN	Boundary Nail			QTY	Quantity
BOT or B	Bottom	HAS	Headed Anchor Stud		
BOF	Bottom of Footing	HD	Hold Down	RAD or R	Radius
BOS	Bottom of Steel	HDG	Hot Dipped Galvanized	RC	Reinforced Concrete
BRG	Bearing	HK	Hook	RE:	or REF Refer to (Reference)
BSMT	Basement	HORIZ	Horizontal	REINF	Reinforce(ing)(d)(ment)
BTWN	Between	HT	Height	RET	Return
		HVAC	Heating-Ventilating and A/C	REQD	Required
				REQT(S)	Requirement(s)
				RO	Rough Opening
CC	Center to Center	ID	Inside Diameter	(S)	Salvaged
CG	Center of Gravity	I.F.	Inside Face	SCHED	Schedule
CIP	Cast-In-Place	IN	Inch	SEC	Section
CJ	Control Joint	INT	Interior	SIM	Similar
CJP	Complete Joint Penetration	IT	Precast Inverted Tee Beam	SLH	Short Leg Horizontal
CL	Centerline	JST	Joist	SLV	Short Leg Vertical
CLG	Ceiling	JT	Joint	SOG	Slab on Grade
CLR	Clear			SP @	Space At
CMU	Concrete Masonry Unit	K	Kip	SP	Space(s)
COL	Column	KSI	Kips per Square Inch	SPECS	Specifications
CONC	Concrete			SPRT	Support
CONN	Connection	L or LG	Length	SS	Stainless Steel
CONST	Construction	LB (S)	Pound(s)	STD	Standard
CONT	Continue or Continuous	LL	Live Load	STIFF	Stiffener
CONTR	Contractor	LLH	Long Leg Horizontal	STL	Steel
COORD	Coordinate	LLV	Long Leg Vertical	STR	Structural
CSJ	Construction Joint	LOC (S)	Location(s) or Locate	SW	Shearwall
CTR(D)	Center(ed)	LONG	Longitudinal	SYM	Symmetrical
		LSL	Laminated Strand Lumber		
d	Penny	LT	Light	T&B	Top & Bottom
DBL	Double	LT WT	Light Weight	T	Top
DEG	Degree	LVL	Level or Laminated Veneer Lumber	T/	Top of
DIA or Ø	Diameter	LWC	Light Weight Concrete	TH	Thick or Thickness
DIAG	Diagonal			Th.ROD	Threaded Rod
DIM	Dimension	MAS	Masonry	TL	Total Load
DL	Dead Load	MATL	Material	T.O.	Top of
DN	Down	MAX	Maximum	TOC	Top of Concrete
DP	Drilled Pier	MBS	Metal Building Supplier	TOF	Top of Footing
DT	Precast Double Tee	MCJ	Masonry Control Joint	TOM	Top of Masonry
DTL (S)	Detail(s)	MECH	Mechanical	TOPG	Topping
DWL(S)	Dowel(s)	MEP	Mechanical/Electrical/Plumbing	TOS	Top of Steel
		MIL(S)	Millimeter(s)	TOW	Top of Wall
EXIST	Existing	MIN	Minimum	TRANS	Transverse
EA	Each	MISC	Miscellaneous	TYP	Typical
EC	Epoxy Coated	ML	Micro-Lam		
EE	Each End	MNFR	Manufacturer	ULT	Ultimate
EF	Each Face	MO	Masonry Opening	UNO	Unless Noted Otherwise
EJ	Expansion Joint	MTL	Metal		
EL	Elevation			VERT	Vertical
EMBED	Embedded	N	North	VIF	Verify In Field
EN	Edge Nail	NS	Non-Shrink or Near Side		
ENGR	Engineer	NIC	Not in Contact	W/O	Without
EOR	Engineer-of-Record	NO or #	Number	W/	With
EOS	Edge of Slab	NOM	Nominal	WD	Width or Wood
EQ	Equal	NTS	Not To Scale	WF	Wide Flange
EQ SP	Equally Spaced	NWC	Normal Weight Concrete	WT	Weight
EQUIP	Equipment			WWR	Welded Wire Reinforcement
ES	Each Side	OAE	Or Approved Equivalent	WxH	Width x Height
EW	Each Way	OC	On Center		
EXP ANCH	Expansion Anchor	OCEW	On Center Each Way		
EXP	Expansion				
EXT	Exterior				

LEGEND

SYMBOL	DESCRIPTION
	ELEVATION SYMBOL
	HOLD DOWN LOCATION
	HELICAL PILE LOCATION
	KEYED NOTE
	DRAWING REVISION NUMBER
	CURRENT REVISION CLOUD
	SUBGRADE
	RIGID INSULATION
	CAST IN PLACE CONCRETE
	DETAIL CUT
	SHEET REFERENCE
	BEAM
	FOOTING

PLAN INDEX

S001	COVER PAGE
S002	OUTLINE SPECIFICATIONS
S003	OUTLINE SPECIFICATIONS
S004	TYPICAL DETAILS
S101	PLANS
S201	DETAILS

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**CERILLOS SENIOR CENTER
AND TURQUOISE TRAIL # 3
FIRE STATION**
LOT 3, SECTION 17, T.14N., R.8E., N.M.P.M.,
SANTA FE COUNTY, NEW MEXICO

Current Status:

PERMIT

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Drawn by:

MT

Checked by:

AEL,JJS

Date:

08-31-21

Sheet Title:

**PLAN INDEX,
LEGEND,
ABBREVIATIONS**

Job Number:

Sheet No.

S001

PERMIT & BID SET

07-25-2022



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PLOT DATE: Oct 13, 2021, 1:27pm
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STRUCTURAL OUTLINE SPECIFICATIONS FOR CERILLOS SENIOR CENTER AND TURQUOISE TRAIL #3 FIRESTATION

I. DESIGN CRITERIA & GENERAL NOTES

A. Design Codes and Manuals:

- 2015 International Building Code (IBC)
- ASCE 7-10, Minimum Design Loads for Buildings and Other Structures
- ACI 318-14, Building Code Requirements for Reinforced Concrete
- Metal Building Systems Manual, Latest Edition

B. VERTICAL DESIGN LOADS:

1. Live Roof Loads

- a) Roof.....20 PSF
(1) Unreduced Live Load, L_o20 PSF

2. Snow Loads

- a) Roof Snow Load.....30 PSF
(1) Ground Snow Load, p_g30 PSF
(2) Risk Category.....II

3. Dead Loads

- a) Roof.....5 PSF
b) Collateral10 PSF

C. HORIZONTAL DESIGN LOADS:

1. Wind Loads

- a) Risk Category II
b) Exposure "C"
c) Ultimate Design Wind Speed (V) - (3 SECOND GUST) - 115 MPH
d) Design Wind Pressures for Components and Cladding:
(1) Roof:
(a) Zone 1. $p = -28.0$ psf / $+17.6$ psf
(b) Zone 2. $p = -48.8$ psf / $+17.6$ psf
(c) Zone 3. $p = -77.3$ psf / $+17.6$ psf
(2) Roof Overhang:
(a) Zone 2. $p = -44.2$ psf
(b) Zone 3. $p = -72.9$ psf
(3) Walls:
(a) Zone 4. $p = -33.2$ psf / $+30.6$ psf
(b) Zone 5. $p = -51.4$ psf / $+28.0$ psf
(4) Effective Wind Area = 10 sf

2. Seismic Loads

- a) IBC Site Classification "D"
b) Risk Category II
c) Seismic Importance Factor: 1.0
d) Mapped Spectral Response Accelerations
(1) Short period: $S_s = 0.454$
(2) 1 Second period: $S_1 = 0.138$
e) Spectral Response Coefficients
(1) Short period: $SD_s = 0.435$
(2) 1 Second period: $SD_1 = 0.207$
f) Seismic Design Category: "D"
g) Basic Seismic-Force-Resisting System: Steel ordinary concentrically braced frame
h) Seismic Response Coefficient: $C_s = 0.134$
i) Response Modification Factor: $R = 3.25$
j) Analysis Procedure Used = Equivalent Lateral Force Procedure

D. GENERAL NOTES

1. Drawings

- a) Do not scale drawings.
b) See architectural, mechanical, electrical and plumbing drawings for exact location and arrangement of any pads, support frames, etc., required for mechanical and electrical equipment and not with other trades concerning plates, anchors, notches, etc., to be placed in concrete.
c) Any conflict between the structural drawings and specifications, and/or other discipline plans and/or specifications shall be brought to the attention of the architect prior to proceeding with the work affected.
d) Contractor shall verify all edge form setting dimensions as well as the location of elevation changes, off-sets, brick ledges, and block-outs with other disciplines and notify this office of any discrepancies that may exist prior to commencing construction.

2. OPENINGS

- a) Openings, sleeves, etc. to be placed through any structural member shall first be approved by the structural engineer. Sleeves shall be provided for openings prior to placing of concrete. Cutting of hardened concrete shall not be permitted except by special structural approval which will be on an individual basis.

3. The contractor shall provide all measures necessary to protect the structure during construction. Such measures shall include, but not be limited to bracing and shoring for loads due to hydrostatic, earth, wind or seismic forces, construction equipment, etc. Observation visits to the site by the structural engineer shall not include inspection of the above items.

4. Cost of additional field and office work necessitated by requests by the contractor for an option of due to errors or omissions in construction shall be borne by the contractor. Options are for contractor's convenience, he shall be responsible for all changes necessary if he chooses an option and he shall coordinate all details.

E. Foundation Notes

1. Geotechnical engineering study and recommendations for this project has been performed by Geo-Test, Inc, project number 1-70414, dated May 23, 2017.

- a) Important additional information concerning specific soil conditions is contained in this report and shall be reviewed prior to the start of construction.
b) Design is based on recommendations provided by the geotechnical engineering study:

- (1) Allowable soil Bearing Pressure = 2000 psf
(2) Frost Depth / Minimum Exterior Footing Embedment = 24"

- c) Requirements for granular base and capillary (vapor) barriers is specified in this report. Areas where the capillary barriers are required shall be coordinated with the architect prior to construction. The barrier shall have a minimum thickness of 10 mils and shall conform to the requirements of ACI 302.1R-04.

- d) Contractor shall be responsible for providing positive water drainage away from structures, during and after construction.

- (1) It is important to understand that the performance of the foundation is linked directly to the consistency of the moisture content in the soil. The geotechnical engineering study provides recommendations for natural ground preparation, remedial earthwork, drainage, grading, and landscaping.

2. The geotechnical engineering study contains specific requirements concerning clearing and grubbing, site, subfloor and bearing surface preparation, structural fill requirements, compaction requirements, and drainage and sloping requirements not necessarily shown on these drawings. Refer any conflicts between these drawings and the report to the architect for direction prior to beginning any work.

- a) The contractor shall engage and bear the cost of a geotechnical engineer or designated representative to monitor site preparation, foundation construction and retaining wall construction. The geotechnical engineer shall provide continuous on-site observation by experienced personnel during construction of controlled earthwork. The contractor shall notify the geotechnical engineer at least two working days in advance of any field operations of controlled earthwork or of any resumption of operations after stoppages. Tests of fill materials and embankments shall be made in accordance to the recommendations for observation and testing provided within the geotechnical recommendations, and at the following suggested minimum rates:

- (1) At least one moisture-density (proctor) test, atterberg limits test, and percent finer than #200 sieve test should be performed per each subgrade soil type and engineered fill material. The geotechnical engineer must review the test results for conformance with specifications and approve of fill materials and their intended use, prior to construction.

- (2) A minimum of one field density and moisture test should be performed per 2000 square feet of building pad fill or pavement subgrade per each 1 foot of compacted fill thickness (or at least one test per each 1 foot of compacted fill thickness in each area worked per day if smaller sections).

- (3) A minimum of one field density and moisture test should be performed per 50 linear feet of foundation excavation bottom prior to placement of reinforcing steel and concrete (or at least one test per area worked per day if smaller sections).

- (4) A minimum of one field density and moisture test should be performed per 100 linear feet of retaining wall backfill and/or utility trench backfill per each 1 foot of compacted fill thickness (or at least one test per each 1 foot of compacted fill thickness in each area worked per day if smaller sections).

II. QUALITY ASSURANCE & STATEMENT OF SPECIAL INSPECTION

- A. The owner shall engage qualified independent inspectors to implement special inspection. Special inspection shall conform to the IBC, chapter 17.

- B. After each inspection and test, promptly submit copy of laboratory report to owner, architect/engineer, and to contractor. Report shall include:

1. Date issued, Project title and number, Name of inspector, Date and time of sampling or inspection, Identification of project specifications section, Location of project, Type of inspection or test, Date of tests, Results of tests, Conformance with contract documents

C. Required inspections:

1. Soils - as outlined in Outline Specifications Section titled "Foundation Notes"
2. Concrete - as outlined in the Outline Specifications Section titled "Structural Concrete"

- a) Installation of embedded bolts and plates supporting structure
b) Reinforcing steel placement
c) Field bending of reinforcing steel
d) Reinforcing couplers
e) Anchored rebar or threaded rods into hardened concrete

3. Steel - as outlined in Outline Specifications Section titled "Structural Steel"

- D. Special inspection is to be provided in addition to inspections conducted by the building department and shall not be construed to relieve the owner or his authorized agent from requesting the period and called inspections required by section 1704 of the International Building Code.

1. Periodic inspection is defined as the part-time or intermittent observation of work requiring inspection by an approved inspector who is present in the area where the work has been or is being performed at the completion of work.

2. Special inspection is required for the following:

- a) Steel construction
(1) High strength bolts.....periodic
(2) Welding.....periodic
b) Concrete construction
(1) Reinforcing steel.....periodic
(2) Bolts installed prior to and during concrete placement.....periodic
(3) Mix design(s).....periodic
(4) At the time fresh concrete is sampled.....periodic
(5) Inspection of concrete placement.....periodic
(6) Inspection for maintenance of specified curing techniques.....periodic
c) Special case
(1) Expansion or adhesive anchor.....periodic

III. SHOP DRAWING SUBMITTAL

A. Contractor to submit to Structural Engineer:

- Concrete Mix Designs
- Anchor Bolts
- Metal Building
- Reinforcing Bars

- B. All shop drawings and submittals must be reviewed and stamped by the contractor prior to submittal. Shop drawings and submittals shall be accompanied by sealed calculations as required by the specifications. No fabrications shall proceed before shop drawings covering that work have been approved. Allow at least 10 days for shop drawing review.

IV. STRUCTURAL CONCRETE

- A. All concrete edges shall be chamfered 3/4" on exposed corners unless otherwise noted.

B. Basis for design, strength at 28 days:

- Unless indicated otherwise, all concrete shall be ready- mixed concrete with standard stone aggregate (144 PCF).
- Air entrainment shall conform to the requirements of ACI 318-14 Table 19.3.3.1
- Structural design is based upon ACI 318-14 and construction shall conform to ACI 301 and ACI 302, latest edition(s).

- a) $F'_c = 4000$ psi (normal weight, air entrained)
(1) Exposed concrete flatwork, footings
b) $F'_c = 4000$ psi (normal weight)
(1) Interior slab on grade and monolithic turnaround slabs
c) $F'_c = 6000$ psi non-shrink grout for placement under column base plates.
(1) Grout to comply with ASTM C1107. Non-shrink flowable grout shall be used under base plates with shear lugs.

4. Unless otherwise indicated, concrete cover shall be:

- a) Foundations.....3"
b) Grade Beams.....3"
c) Slabs (Not exposed to weather)3/4"
d) Welded wire fabric.....Centered
e) Slabs (Exposed to weather)1 1/2"
f) Welded wire fabric.....Centered

C. REINFORCING STEEL

- Deformed Bars.....ASTM A615 / Grade 60
- Welded Wire Fabric.....ASTM A185
- Placing of reinforcing shall conform to CRSI, latest edition.
- All reinforcing shall be held securely in position with standard accessories during placing of concrete.
- Slab and beam bolsters and hi-chairs shall have vinyl-tipped turned-up legs where soffits/underside of slab is exposed.
- All field bending of reinforcing shall be done cold. Heating of bars will not be permitted.
- Unless otherwise indicated, splice reinforcing as follows:
a) Reinforcing Bars.....48 Bar Diameters
b) Welded Wire Fabric.....6" All reinforcing shall be held securely in position with standard accessories during placing of concrete.
- 4" Slab: 6x6-W4.0xW4.0 provide in sheets.
- 6" Slab: 4x4-W4.0xW4.0 provide in sheets.

D. WALLS

- Exposed site walls, retaining walls, and stem walls greater than 30 feet in length shall have control joints installed and spaced no greater than 25 feet on center. Install joints within 10 feet of all wall corners.
- Contractor shall submit to architect, final locations of all control joints for approval, prior to construction.

E. SLAB-ON-GROUND CRITERIA

- Strict adherence to the specified water-to-cement ratio of 0.45 is required. Water shall not be added to the mix at the time of placement.

2. Shrinkage shall not exceed 0.02% per ASTM C 157 at 28 days. Shrinkage-compensating concrete shall conform to the recommendations of ACI 223.

3. Moist curing of slabs-on-ground is required.

4. Care shall be taken to prevent water intrusion into the subgrade both prior to and after slab pours.

5. Contraction joints (control joints) shall be installed on all concrete slabs on grade. Verify locations of all joints with Architect prior to placing concrete. The joints shall be spaced no further than 36 times the slab thickness or 15 ft. L or T shapes be avoided when placing crack control joints. If the shape of the area contained by the crack control joints is not square, the aspect ratio of this area should not exceed 1.5 to 1. The control joints should be placed such that they are continuous and not staggered or offset. Placement shall be in accordance to ACI 302.1.

- a) Timing of early entry slab saw cuts is critical to slab curing performance. Saw cuts for control joints (contraction joints) shall be made at the earliest possible time that the concrete will support the weight of saw cutting equipment and operations. Timing of early entry saw cuts shall vary between 1 hour in hot weather and 4 hours in cold weather. Early entry dry cut saws shall use a skid plate to prevent spalling.

- b) Early entry dry cut saw should be 1 inch into the depth of the slab. The slab shall be cut to 1/4 of the slab depth to deepen the 1 inch nominal early entry saw cut within 24 hours.

- c) A construction or smooth doweled saw cut contraction joint shall be placed at a maximum of 125 ft.

- d) All joints shall be filled to the full joint depth with semi-rigid joint filler in areas exposed to vehicular traffic. Overfill joint and trim joint filler flush with top of joint after hardening.

6. Concrete containing air-entraining admixture shall not be trowel finished.

F. CONCRETE PLACEMENT & TESTING

- Unless otherwise indicated, five test cylinders shall be made every fifty cubic yards of concrete or fraction thereof on each day's pour. One cylinder shall be tested at 7 days and three at 28 days. The remaining cylinder shall be held in reserve as a spare. The making and testing of cylinders shall be conducted by an approved testing laboratory; contractor shall bear the cost of testing.

- a) Before test sampling and placing concrete, water may be added at Project site, subject to limitations of ACI 301.
b) Do not add water to concrete after adding high-range water-reducing admixtures to mixture.

2. Consolidate placed concrete with mechanical vibrating equipment according to ACI 301.

3. Do not use vibrators to transport concrete inside forms. Insert and withdraw vibrators vertically at uniformly spaced locations to rapidly penetrate placed layer and at least 6 inches into preceding layer. Do not insert vibrators into lower layers of concrete that have begun to lose plasticity. At each insertion, limit duration of vibration to time necessary to consolidate concrete and complete embedment of reinforcement and other embedded items without causing mixture constituents to segregate.

4. Maintain ALL reinforcement in position on chairs during concrete placement.

G. COLD WEATHER CONCRETING

- All cold weather concrete work shall meet the requirements of ACI Committee 306, latest edition for cold weather concreting, if, for 3 consecutive days the average daily temperature drops below 40°F and stays below 50°F for more than one-half of any 24 hour period.

2. Do not use frozen materials containing ice or snow.

3. Do not place concrete on frozen subgrade or on subgrade containing frozen materials.

4. The use of calcium chloride, salt, or other materials containing antifreeze agents or chemical accelerators is not permitted; contractor shall utilize a high early strength mix design.

H. HOT WEATHER CONCRETING

- All hot weather concrete work shall be in accordance with ACI 301. Maintain concrete temperature below 90°F at time of placement. Chilled mixing water or chopped ice may be used to control temperature, provided water equivalent of ice is calculated to total amount of mixing water.

2. Fog-spray forms, steel reinforcement, and subgrade just before placing concrete. Keep subgrade uniformly moist without standing water, soft spots, or dry areas.

I. EMBEDDED CONDUIT

- Embedded conduits and/or pipes shall not be installed in slabs or columns, unless approved by the structural engineer, prior to construction.
- Conduits and/or pipes shall be protected against rusting. Aluminum conduits and/or pipes shall not be embedded in concrete.

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07-25-2022



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CERILLOS SENIOR CENTER
AND TURQUOISE TRAIL # 3
FIRE STATION

LOT 3, SECTION 17, T.14N., R.8E., N.M.P.M.
SANTA FE COUNTY, NEW MEXICO

Current Status:

PERMIT

REVISIONS

△ ADDENDUM 1 10/13/21

Drawn by:

MT

Checked by:

AEL,JJS

Date:

10-13-21

Sheet Title:

OUTLINE
SPECIFICATIONS

Job Number:

Sheet No.

S002

PLOT DATE: Sep 20, 2021 - 10:09am
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STRUCTURAL OUTLINE SPECIFICATIONS FOR CERILLOS SENIOR CENTER AND TURQUOISE TRAIL #3 FIRESTATION

V. METAL BUILDING SYSTEMS

A. DESIGN REQUIREMENTS

- The building manufacturer will use standards, specifications, recommendations, findings and/or interpretations of professionally-recognized groups such as AISC, AISI, AWS, ASTM, CSA, CWB, MBMA, Federal Specifications, and unpublished research by MBMA as the basis for establishing design, drafting, fabrication, and quality criteria, practices, and tolerances. The Manufacturer's design, drafting, fabrication and quality criteria, practices, and tolerances shall govern, unless specifically countermanded by the contract documents.
- Design structural mill sections and built-up plate sections in accordance with:
 - Code-appropriate edition of AISC's "Specification for the Design, Fabrication and Erection of Structural Steel for Buildings", ANSI/AISC 360 ASD method.
- Cold-Formed steel structural members and panels will generally be designed in accordance with "Specifications for the Design of Cold-Formed Steel Structural Members", 2007 Edition, ANSI/AISI S-100-07 or CAN CSA S136-07.
- Design weldments per the following:
 - Structural Welding
 - Design per AWS D1.1, "Structural Welding Code - Steel", Latest Edition.
 - Cold-Formed Welding
 - Design per AWS D1.3, "Structural Welding Code - Sheet Steel", Latest Edition.

B. SUBMITTALS

- Product Data: Manufacturer's data sheets on each product to be used, including:
 - Preparation instructions and recommendations.
 - Storage and handling requirements and recommendations.
 - Installation methods.
- Shop Drawings: Provide complete erection drawings for the proper identification and assembly of all building components. Drawings will show anchor bolt settings, transverse cross-sections, sidewall, endwall and roof framing, flashing and sheeting, and accessory installation details.
- Certifications: Shop drawings and design analysis shall bear the seal of a registered professional engineer upon request. Design analysis shall be on file and furnished by manufacturer upon request.
- Bill of Materials: Bills of material shall be furnished and shall include item weights.
- Preventative Maintenance Manual.
- Certifications: Certification of installer and welder qualifications shall be furnished as specified by the Project Engineer.

C. QUALITY ASSURANCE

- Manufacturer / Fabricator Qualifications:
 - All primary products specified in this section will be supplied by a single IAS AC 472 Accredited Manufacturer /Fabricator with a minimum of five (5) years' experience.
- Weldments/Welder/Weld Inspection Qualifications:
 - Welding inspection and welding inspector qualification for structural steel shall be in accordance with AWS D1.1, "Structural Welding Code - Steel", latest edition. Welding inspection and welding inspector qualification for cold-formed steel shall be in accordance with AWS D1.3, "Structural Welding Code - Sheet Steel", latest edition.
- Erector Qualifications: All products listed in this section are to be installed by a single installer with a minimum of five (5) years demonstrated experience in installing products of the same type and scope as specified.
- Design: Standard drawings and design analysis must bear the seal of a registered professional engineer. Design analysis must be on file and furnished by manufacturer upon request.

D. INSTALLATION

- There shall be no field modifications to primary structural members except as authorized and specified by manufacturer.

VI. POST-INSTALLED ANCHORS

- A. Except where indicated on the drawings, post-installed anchors shall consist of the following anchor types as provided by Simpson Strong-Tie Company, Inc.
- Anchorage to concrete
 - Adhesive anchors for *cracked and uncracked concrete with standard cleaning procedures* use:
 - Simpson Set-XP Adhesive anchoring system with HAS-E threaded rod or deformed rebar per ICC-ES ESR-2508 for fast cure applications.
 - Simpson Set-XP Adhesive anchoring system with HAS-E threaded rod or deformed rebar per ICC-ES ESR-2508 for slow cure applications.

B. Anchor capacity used in design shall be based on the technical data published by Simpson Strong-Tie or such other method as approved by the structural engineer of record. Substitution requests for alternate products must be approved in writing by the structural engineer of record prior to use. Contractor shall provide calculations demonstrating that the substituted product is capable of achieving the performance values of the specified product. Substitutions will be evaluated by their having an ICC ESR showing compliance with the relevant building code for seismic uses, load resistance, installation category, and availability of comprehensive installation instructions. Adhesive anchor evaluation will also consider creep, in-service temperature and installation temperature.

C. Install anchors per the manufacturer instructions, as included in the anchor packaging.

D. Anchor capacity is dependent upon spacing between adjacent anchors and proximity of anchors to edge of concrete. Install anchors in accordance with spacing and edge clearances indicated on the drawings.

E. Existing reinforcing bars in the concrete structure may conflict with specific anchor locations. Unless noted on the drawings that the bars can be cut, the contractor shall review the existing structural drawings and shall undertake to locate the position of the reinforcing bars at the locations of the concrete anchors, GPR, X-ray, chipping or other means.



L Luchini Trujillo
Structural Engineers

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4110 Wolcott Ave NE Ste C, Albuquerque, NM 87109
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07-25-2022

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CERILLOS SENIOR CENTER
AND TURQUOISE TRAIL # 3
FIRE STATION

LOT 3, SECTION 17, T.14N., R.8E., N.M.P.M.
SANTA FE COUNTY, NEW MEXICO

Current Status:

PERMIT

REVISIONS

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Drawn by: MT
Checked by: AEL,JJS

Date: 08-31-21

Sheet Title:
**OUTLINE
SPECIFICATIONS**

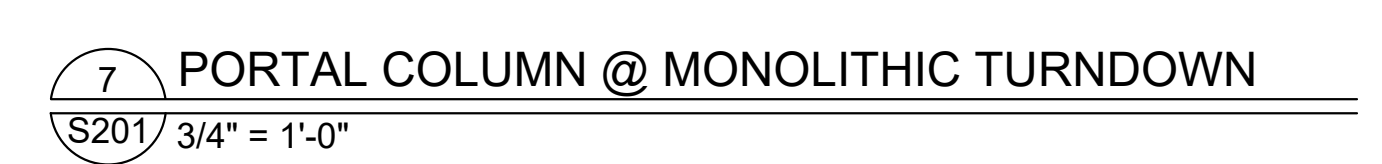
Job Number:


Sheet No.

S003



2 FOUNDATION PLAN
S101 1/8" = 1'-0"



Current Status:		
PERMIT		
R E V I S I O N S		
	ADDENDUM 1	10/13/21
Drawn by: MT		
Checked by: AEL,JJS		
Date: 10-13-21		
Sheet Title: DETAILS		
Job Number:		
Sheet No.		

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PLOT DATE: Oct 13, 2021 - 1:28pm
 FILENAME: D:\Dropbox\L\TSE Consultant\Matt\Projects\2086 Madrid Fire Station\2086 Madrid Fire Station.dwg

PLOT DATE: Jul 25, 2022, 4:38pm
FILENAME: X:\2022-24 Cerrillos Senior Center IICAD\02_ARCH\1_SHEET\2009_A001.dwg

NOTE:

THE ADMINISTRATOR MAY APPROVE THE SUBMITTAL OF AN ALTERNATIVE LANDSCAPING PLAN IN CONJUNCTION WITH THE SITE DEVELOPMENT PLAN, WHICH MODIFIES OR REMOVES REQUIRED LANDSCAPING, IN THE FOLLOWING CIRCUMSTANCES: WHERE AREA TO BE SCREENED IS NOT VISIBLE, WHERE EXISTING LANDSCAPING OR TOPOGRAPHIC FEATURES PROVIDES ADEQUATE BUFFERING, OR WHERE A SIX FOOT HIGH SOLID FENCE IS CONSTRUCTED IN LIEU OF LANDSCAPING.

DESIGN STANDARDS:

SANTA FE COUNTY 2014 DESIGN GUIDE (LOS CERRILLOS OVERLAY DISTRICT)
SANTA FE COUNTY SUSTAINABLE LAND DEVELOPMENT CODE
2015 LOS CERRILLOS COMMUNITY PLAN

HWY 14 SENIOR /COMMUNITY CENTER - ANALYSIS

WORK IS BEING PEROFMRD PER 2015 NEW MEXICO COMMERCIAL BUILDING CODE NMCBC - TITLE 14 CHAPTER 7 PART 7
ADOPTED MODEL CODE: 2015 INTERNATIONAL BUILDING CODE (IBC) (as amended by 14.7.7)

ZONING AND LAND USE SUMMARY:

LAND USE CLASSIFICATION: PUBLIC / INSTITUTIONAL
SETBACKS: 10' FRONT / REAR, 5' SIDE
HEIGHT LIMITATIONS: UP TO 30'

PARKING: 1/250 SF OF NET USED USABLE AREA = 23 SPACES + 5 EMPLOYEES = 25 SPACES REQUIRED

SENIOR CENTER PROVIDED PARKING:

REGULAR PARKING: 34 SPACES
ADA PARKING: 3 SPACES
BIKE RACK PARKING: 8 SPACES

FIRE STATION PROVIDED PARKING:

REGULAR PARKING: 6 SPACES
ADA PARKING: 2 SPACES

GENERAL NOTES:

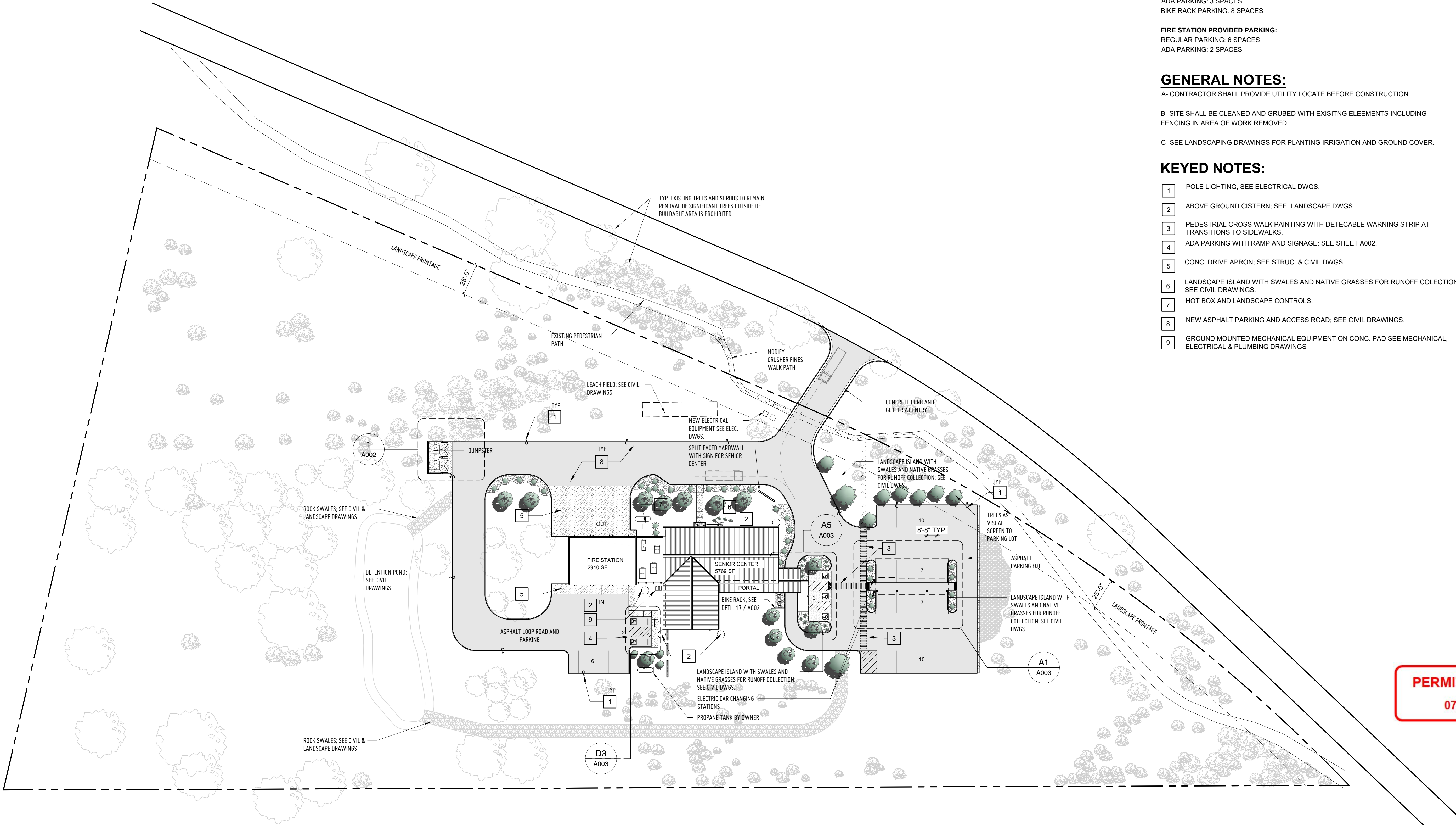
A- CONTRACTOR SHALL PROVIDE UTILITY LOCATE BEFORE CONSTRUCTION.

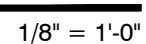
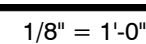
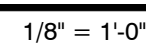
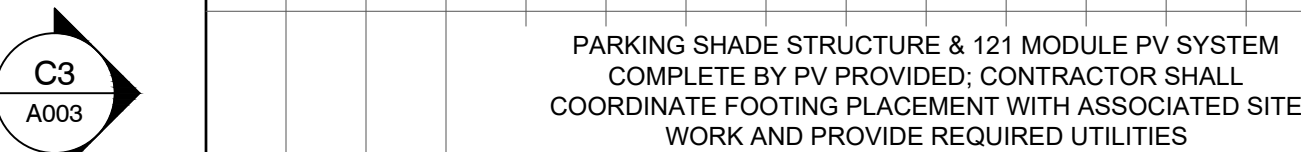
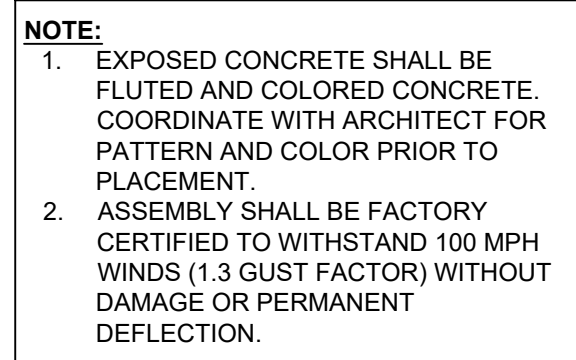
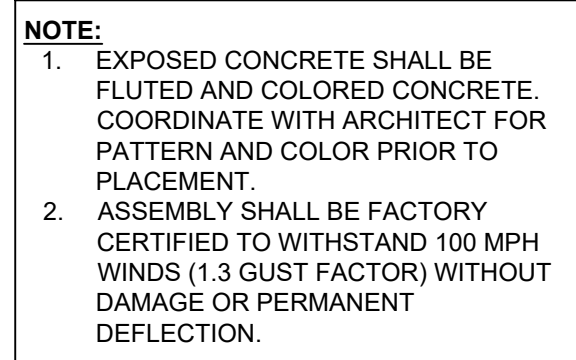
B- SITE SHALL BE CLEANED AND GRUBED WITH EXISITNG ELEEMENTS INCLUDING FENCING IN AREA OF WORK REMOVED.

C- SEE LANDSCAPING DRAWINGS FOR PLANTING IRRIGATION AND GROUND COVER.

KEYED NOTES:

- POLE LIGHTING; SEE ELECTRICAL DWGS.
- ABOVE GROUND CISTERN; SEE LANDSCAPE DWGS.
- PEDESTRIAN CROSS WALK PAINTING WITH DETECABLE WARNING STRIP AT TRANSITIONS TO SIDEWALKS.
- ADA PARKING WITH RAMP AND SIGNAGE; SEE SHEET A002.
- CONC. DRIVE APRON; SEE STRUC. & CIVIL DWGS.
- LANDSCAPE ISLAND WITH SWALES AND NATIVE GRASSES FOR RUNOFF COLLECTION; SEE CIVIL DRAWINGS.
- HOT BOX AND LANDSCAPE CONTROLS.
- NEW ASPHALT PARKING AND ACCESS ROAD; SEE CIVIL DRAWINGS.
- GROUND MOUNTED MECHANICAL EQUIPMENT ON CONC. PAD SEE MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS





1	ADA PARKING SIGN; SEE DETAIL 5/A002
2	DETECTABLE WARNING STRIP; SEE DETAIL 10/A002
3	ELECTRIC CAR CHARGING STATION; DUAL PORT WITH SPEC WITH CABLE ON PORT TO ADEQUATELY REACH BOTH SPACES; SEE ELEC. DRAWINGS.
4	LANDSCAPE ISLAND WITH SWALES AND NATIVE GRASSES FOR RUNOFF COLLECTION; SEE CIVIL DRAWINGS.
5	ADA STALL, ACCESS AISLE AND ADA SYMBOL; SEE SHEET A002.
6	CONC. SIDEWALK (WIDTH PER PLAN) & CONTROL JOINT LAYOUT; SEE DETAIL 14/A002
7	BIKE RACK, SEE DETAIL 17/A002
8	NEW PLANTINGS; SEE LANDSCAPE DRAWINGS
9	NEW ACCESSIBLE RAMP; SEE DETAIL 16/A002
10	PEDESTRIAN CROSSWALK STRIPING; SEE SHEET A001 FOR FULL SCOPE

A003

GENERAL NOTES:

- A. ALL DIMENSIONS SHALL BE VERIFIED IN FIELD
B. SEE SHEET G004 FOR PARTITION TYPES.
C. SEE SHEET A-501 FOR OPENING TYPES.
D. SEE SHEET A601 FOR ROOM FINISH SCHEDULES.

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CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3

16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

Current Status:
PERMIT & BID

REVISIONS

NO.	DATE	DESCRIPTION
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Checked by: SM

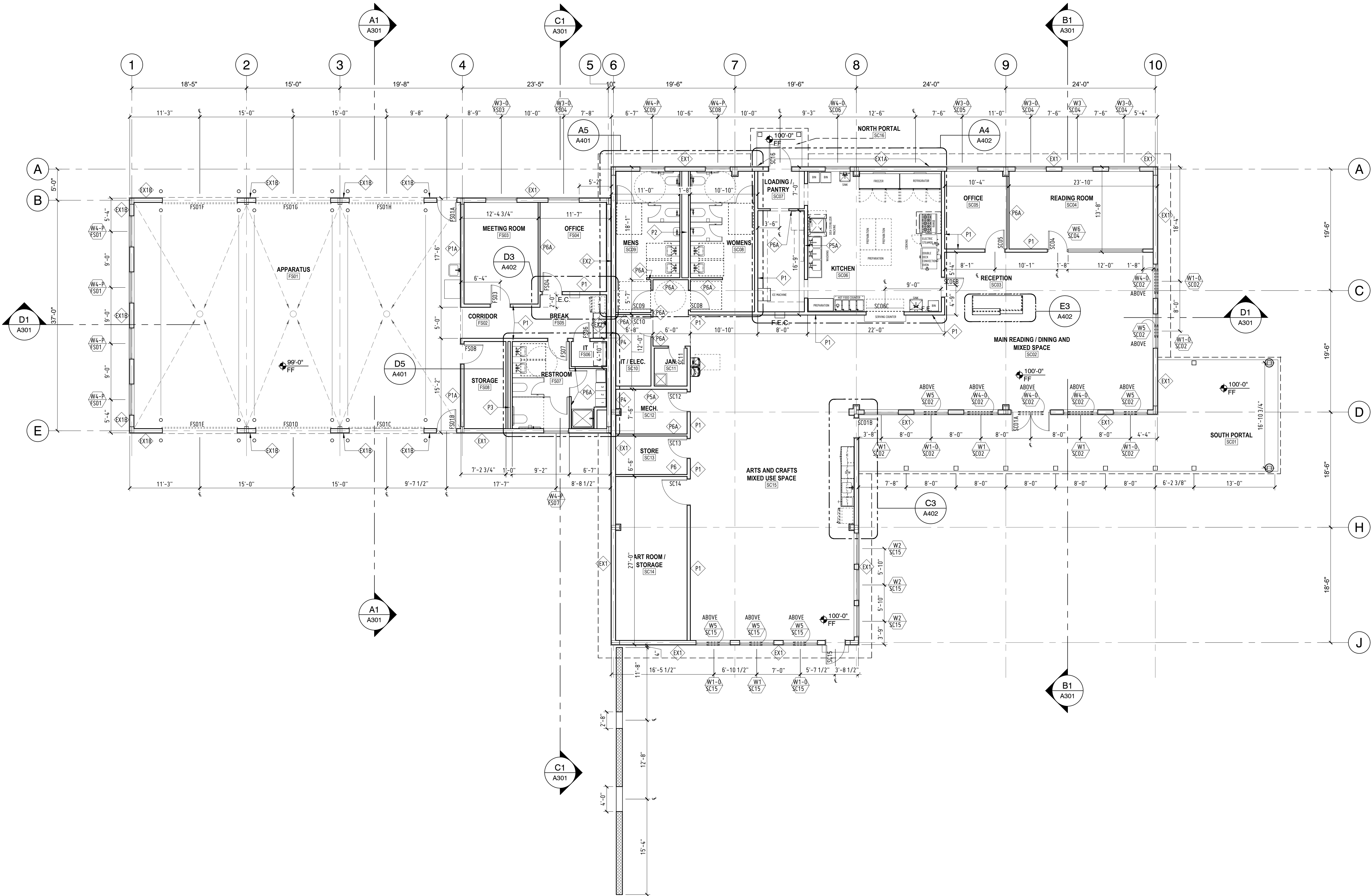
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FLOOR PLAN

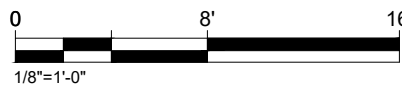
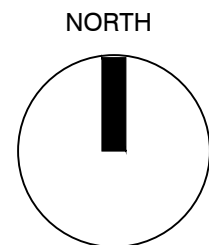
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Sheet No.

A101

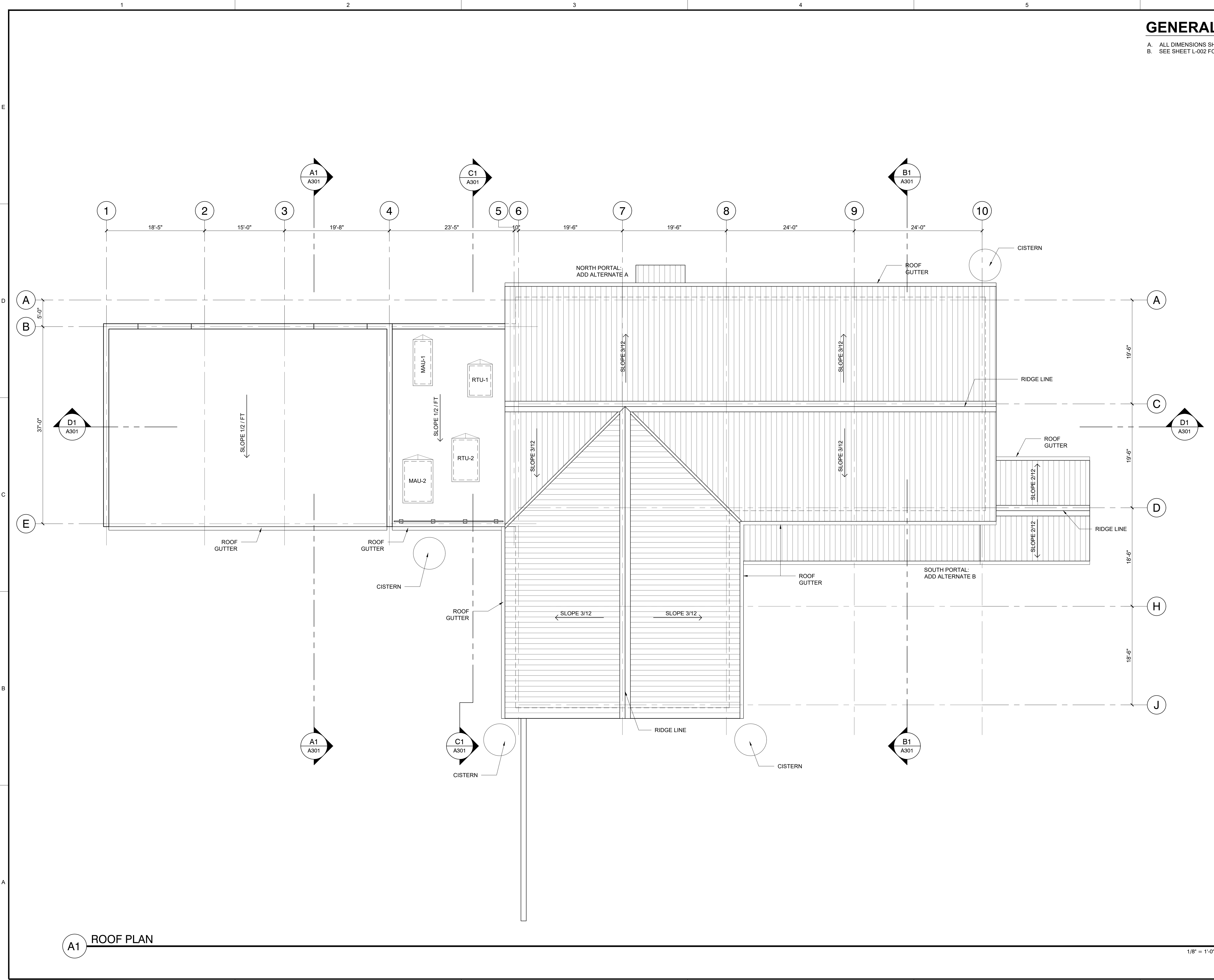


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1/8" = 1'-0"

PLOT DATE: Jul 25, 2022, 4:37pm
FILENAME: X:\2022-24 Cerrillos Senior Center IICAD002_ARCH\1_SHEET\2009_A102.dwg



GENERAL NOTES:

- A. ALL DIMENSIONS SHALL BE VERIFIED IN FIELD
- B. SEE SHEET L-002 FOR WATER CATCHMENT SYSTEM

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**CERRILLOS SENIOR CENTER
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STATION #3**

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Checked by: **SM**

Date: **07-25-2022**

Sheet Title:
ROOF PLAN

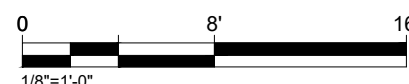
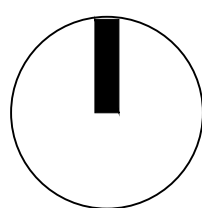
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Sheet No.

A102

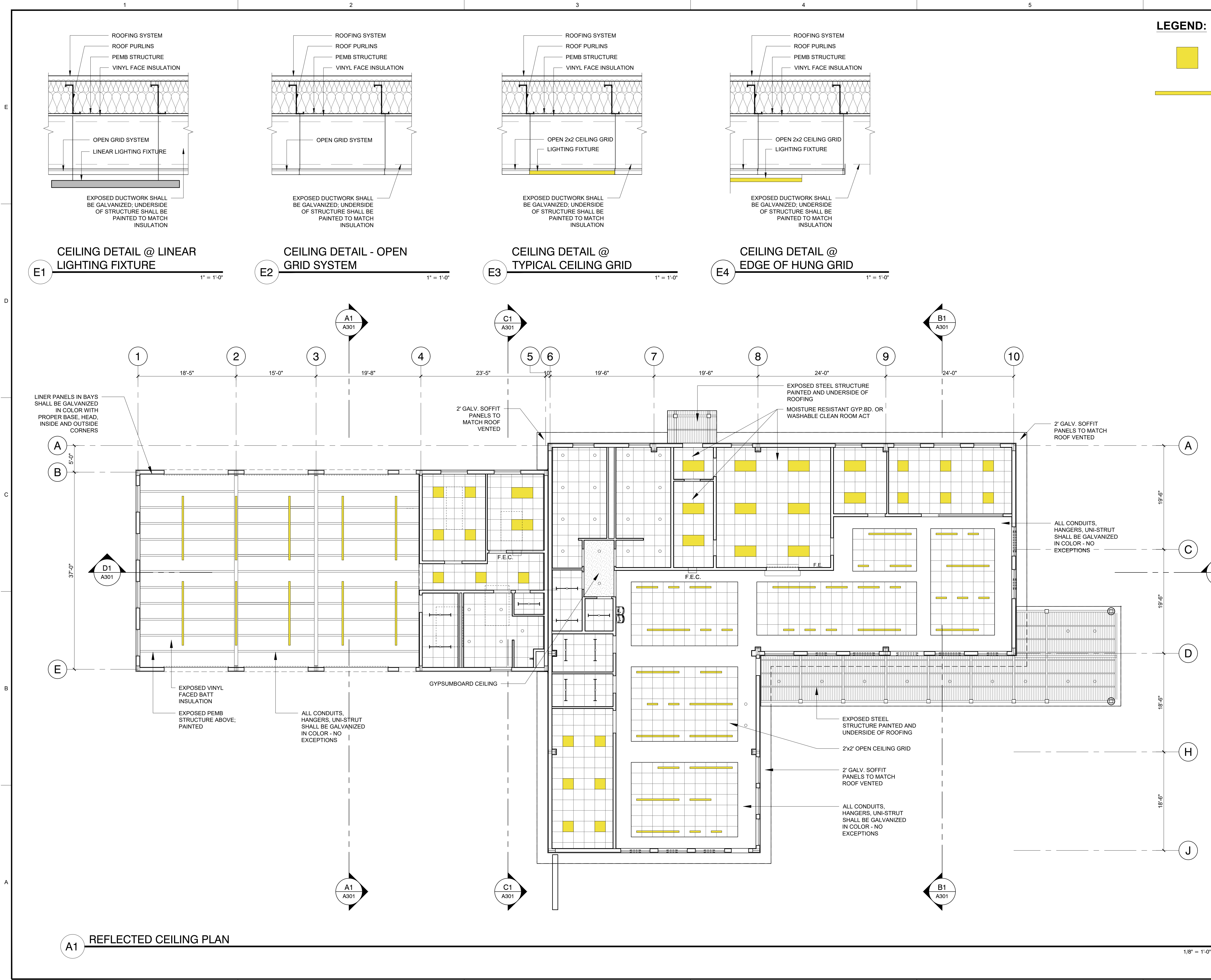
PERMIT & BID SET
07-25-2022

NORTH



1/8" = 1'-0"

PLOT DATE: Jul 25, 2022, 4:37pm
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**CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3**
16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

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Checked by: **SM**

Date: **07-25-2022**

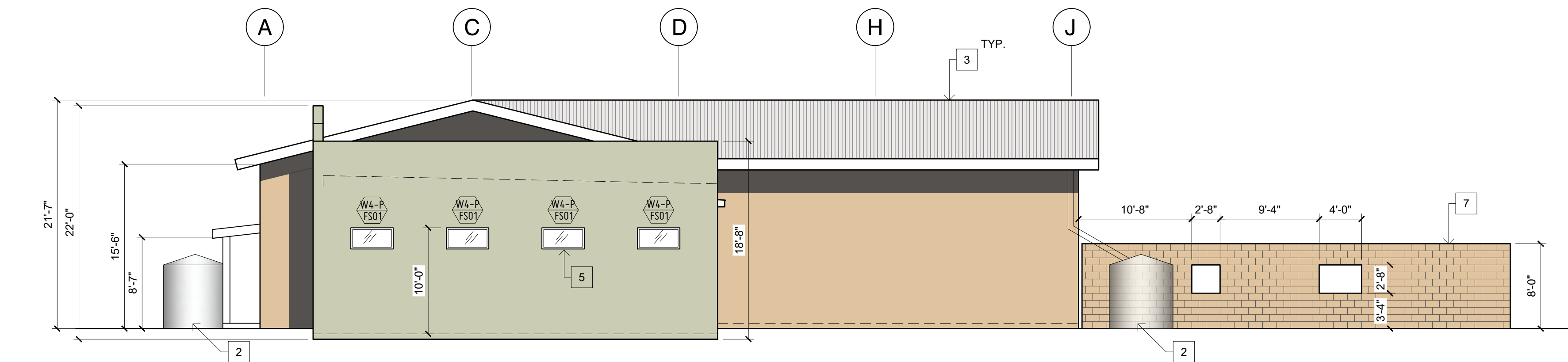
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**REFLECTED
CEILING PLAN**

Job Number: **2022-24**

Sheet No.

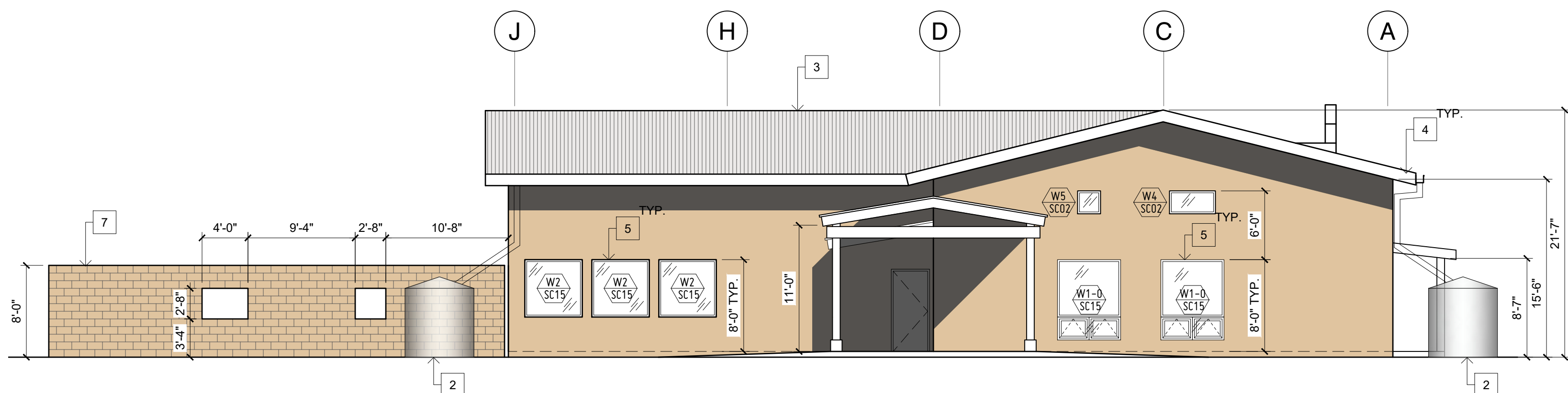
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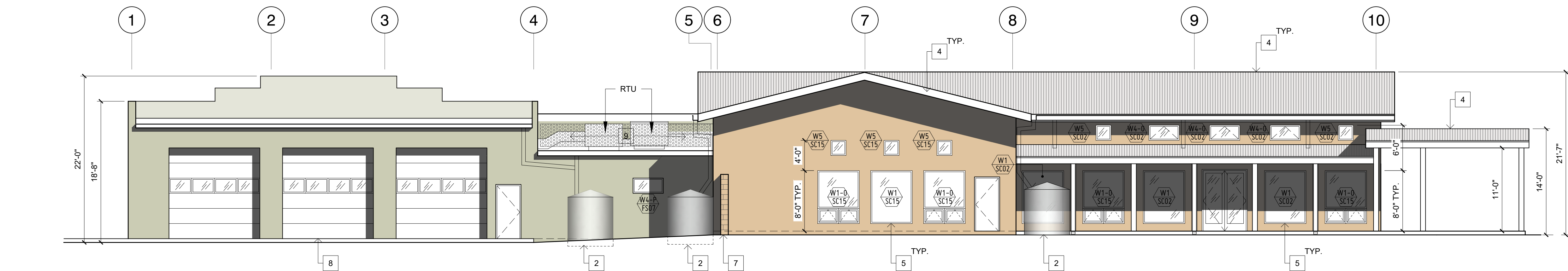
D1 WEST ELEVATION

1/8" = 1'-0"



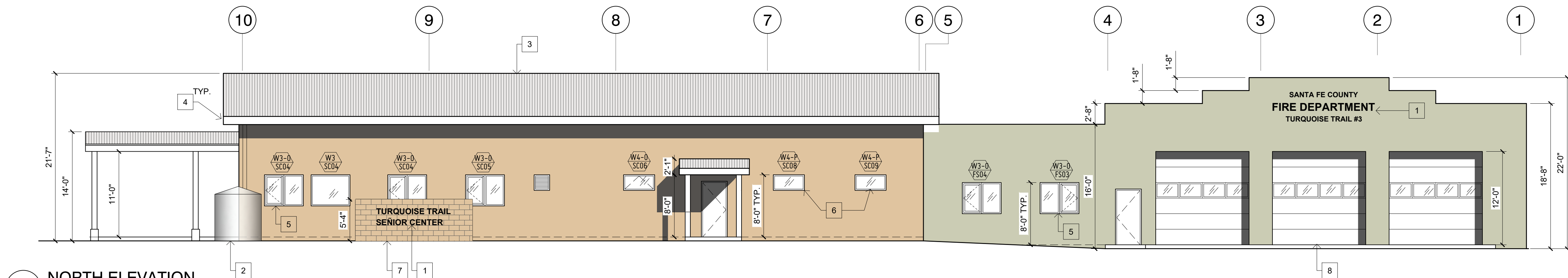
C1 EAST ELEVATION

1/8" = 1'-0"



B1 SOUTH ELEVATION

1/8" = 1'-0"



A1 NORTH ELEVATION

1/8" = 1'-0"

GENERAL NOTES:

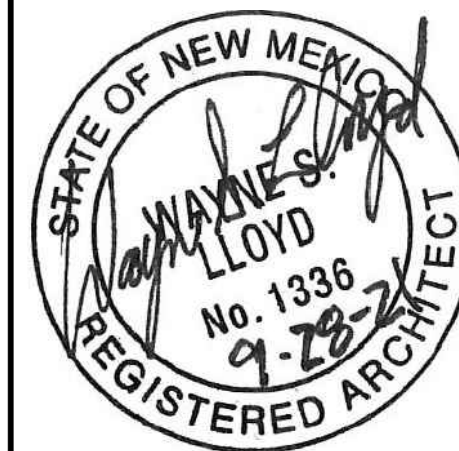
- TURQUOISE FIRE STATION AND SENIOR CENTER ARE AT DIFFERENT ELEVATIONS; REFER TO CIVIL SHEET GR-1, GRADING & DRAINAGE PLAN.
- TYPICAL WALL FINISH SHALL BE CEMENTITIOUS THREE-COAT STUCCO SYSTEM; SEE SPECIFICATIONS.

KEYED NOTES:

- WALL APPLIED ALUMINUM SIGNAGE; SUBCONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.
- GALVANIZED ABOVE GRADE CISTERN; SEE LANDSCAPE DRAWINGS.
- CORRUGATED EXPOSED FASTENER ROOFING SYSTEM
- METAL FLASHING; FASCIA AND SOFFIT TO MATCH ROOFING FINISH
- STOREFRONT, SEE ARCHITECTURAL SHEETS A501 & A601.
- STOREFRONT, WITH PRIVACY GLASS. SEE ARCHITECTURAL SHEET A501 FOR MORE DETAILS.
- SPLIT FACED CMU, INTEGRAL COLORED
- OVERHEAD DOORS; SEE ARCHITECTURAL SHEETS A502 & A601.
- METAL MESH MECHANICAL SCREEN WITH STEEL STRUCTURE

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CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3

16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

Current Status:

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REVISIONS

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SM

Date:

07-25-2022

Sheet Title:

ELEVATIONS

Job Number:

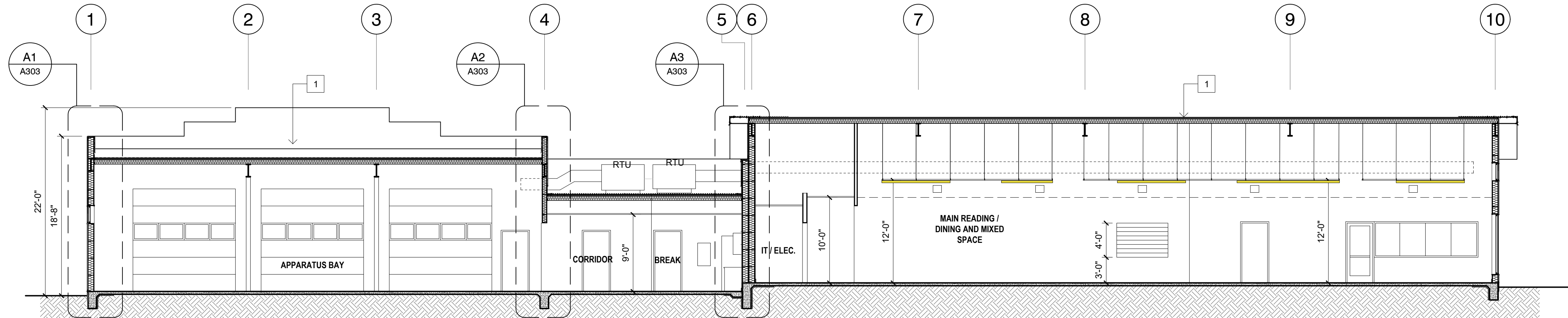
2022-24

Sheet No.

A201

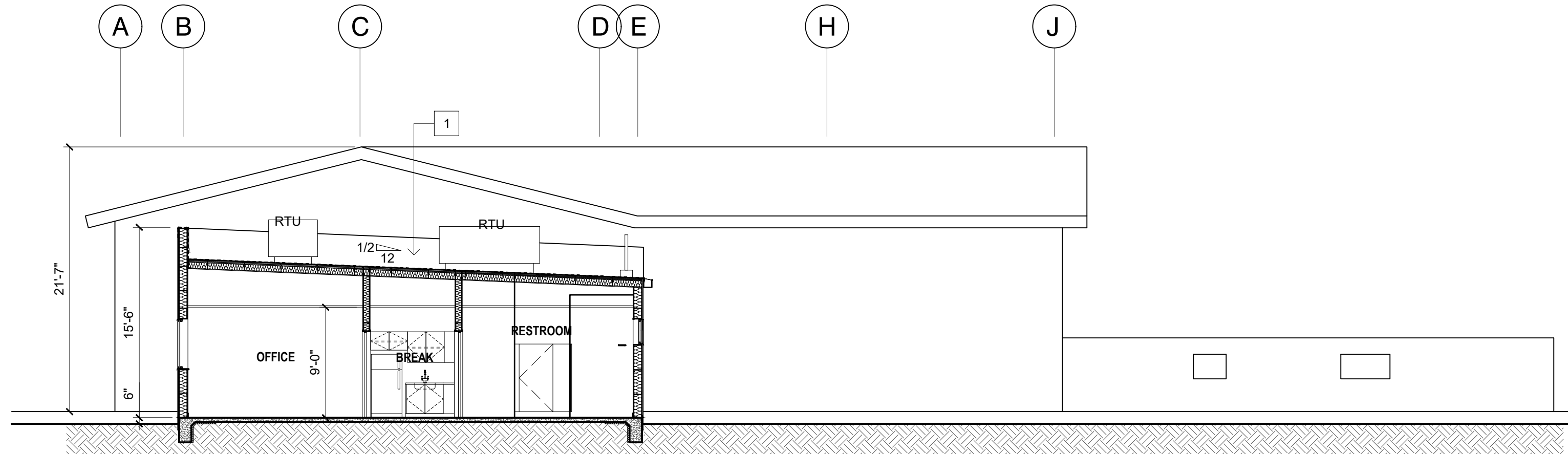
PERMIT & BID SET
07-25-2022

PLOT DATE: Jul 25, 2022, 4:37pm
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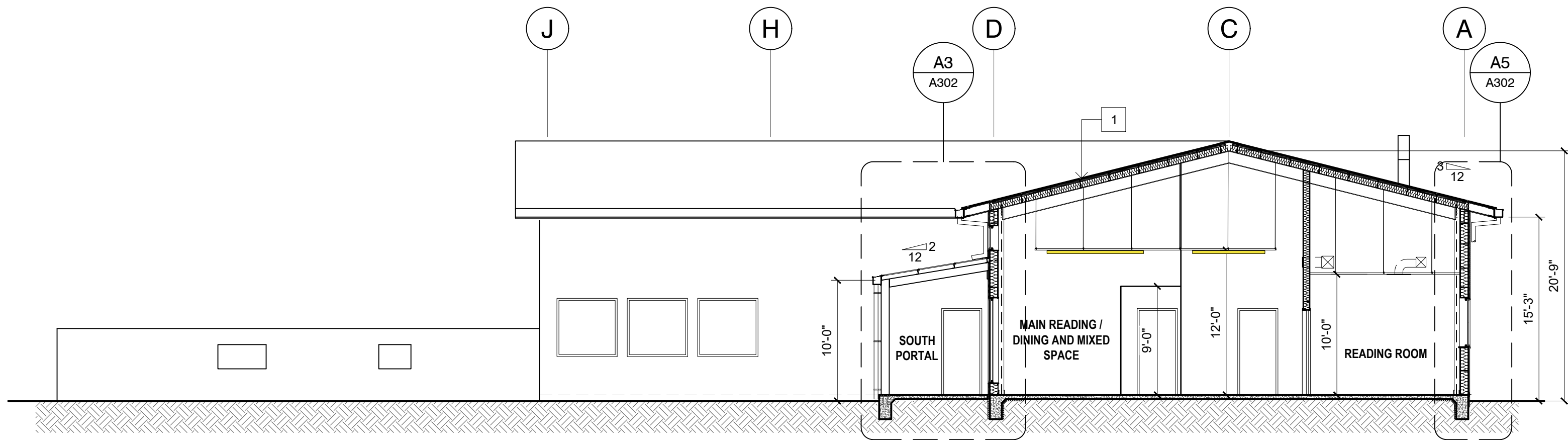
D1 BUILDING SECTION D

1/8" = 1'-0"



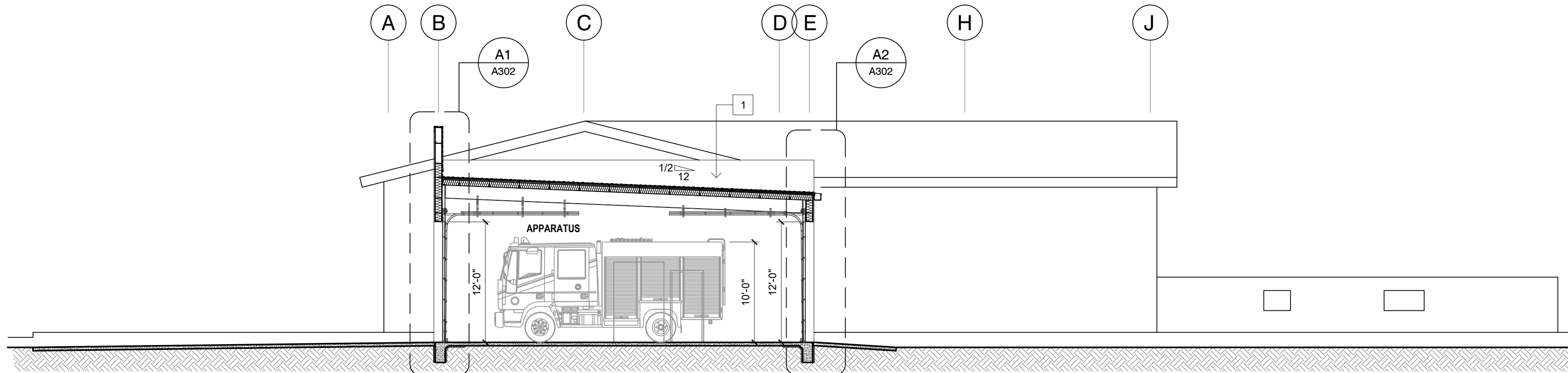
C1 BUILDING SECTION C

1/8" = 1'-0"



B1 BUILDING SECTION B

1/8" = 1'-0"



A1 BUILDING SECTION A

1/8" = 1'-0"

GENERAL NOTES:

- A. TURQUOISE FIRE STATION AND SENIOR CENTER ARE AT DIFFERENT ELEVATIONS. REFER TO CIVIL SHEET GR-1, GRADING & DRAINAGE PLAN.
- B. SEE GEOTECHNICAL REPORT FOR FOUNDATION AND EXCAVATION REQUIREMENTS.

KEYED NOTES:

- 1 CORRUGATED EXPOSED FASTENER

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CERRILLOS SENIOR CENTER
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STATION #3

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Checked by:

SM

Date:

07-25-2022

Sheet Title:

SECTIONS

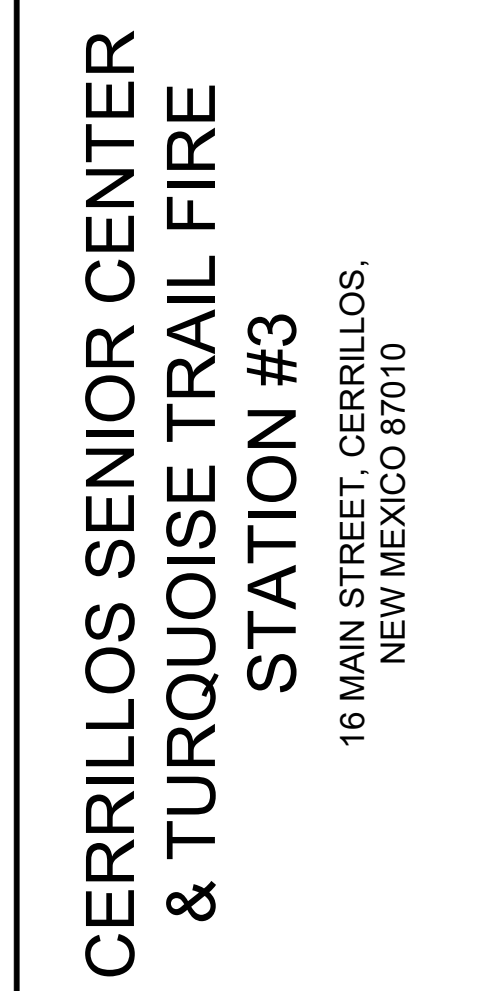
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2022-24

Sheet No.

A301

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07-25-2022



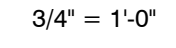
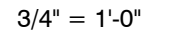
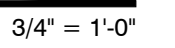
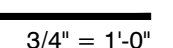
R E V I S I O N S		

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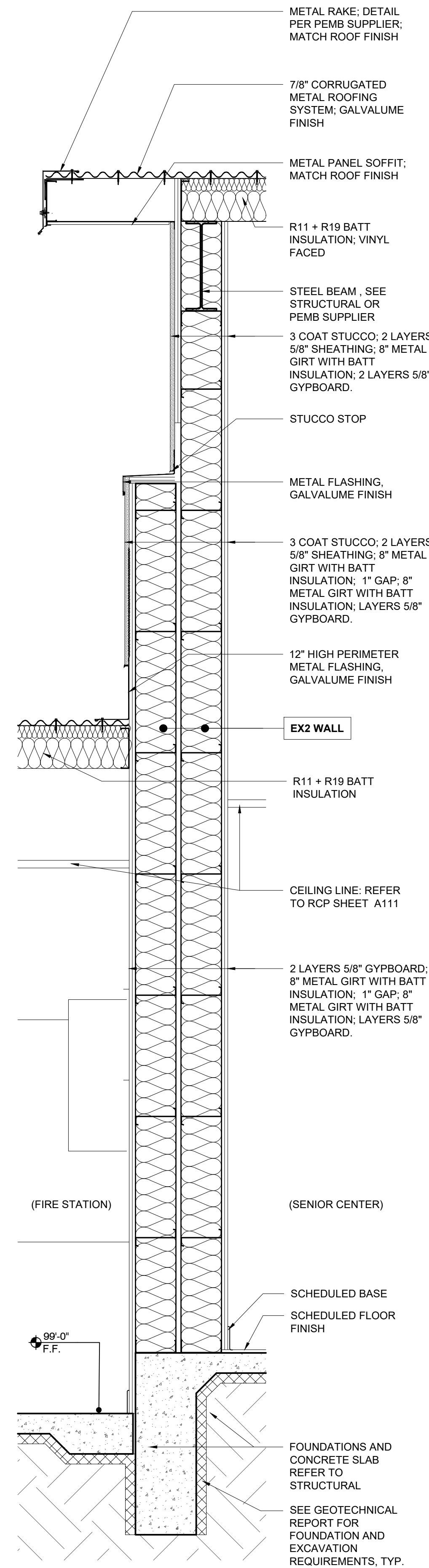
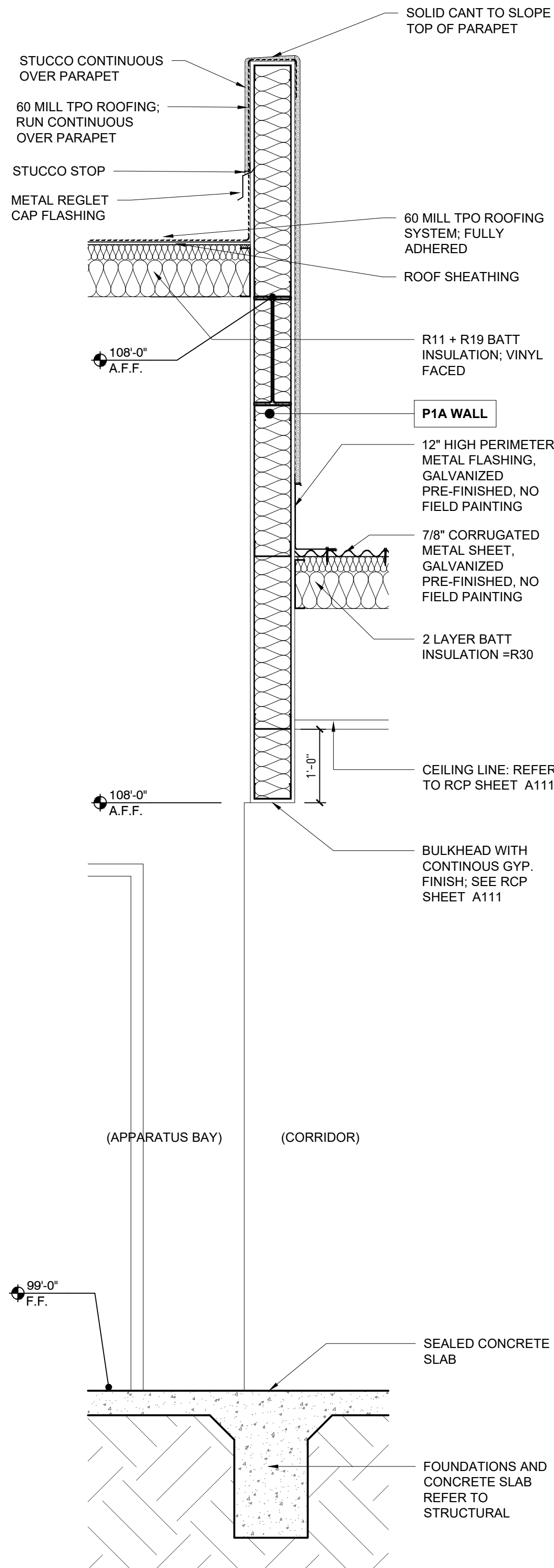
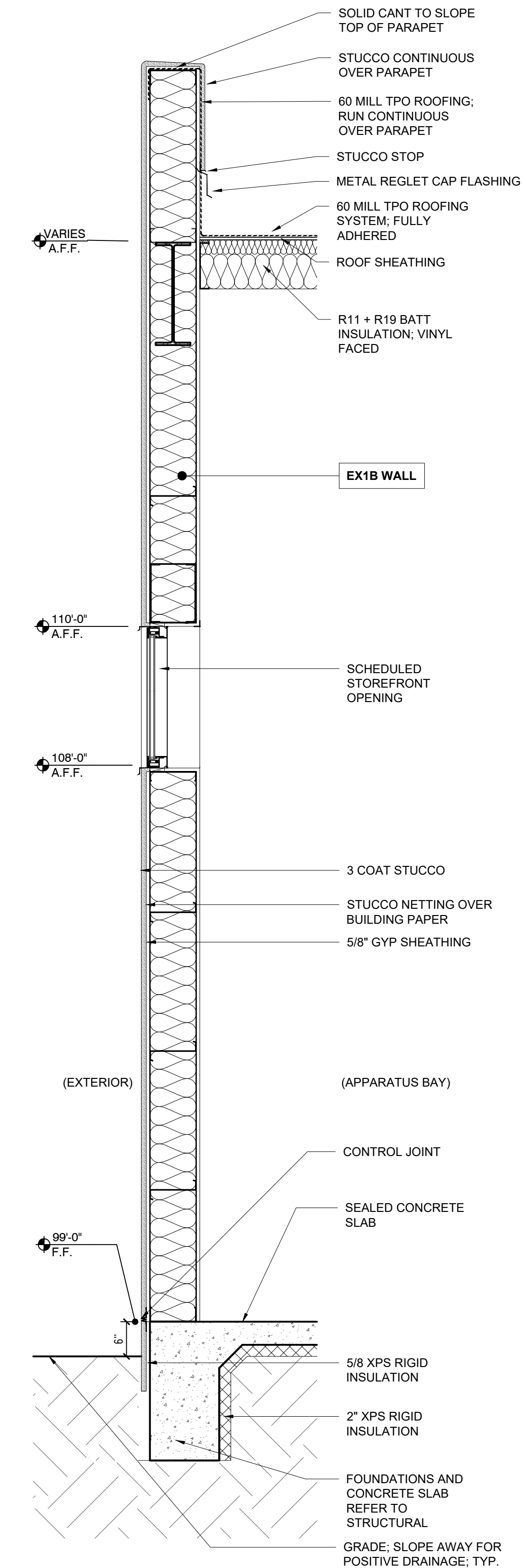
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A302



PLOT DATE: Jul 25, 2022, 4:39pm
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E
D
C
B
A



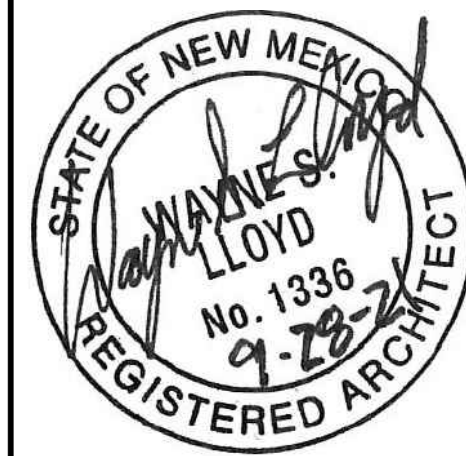
A1 WALL SECTION E 3/4" = 1'-0"

A2 WALL SECTION F 3/4" = 1'-0"

A3 WALL SECTION G 3/4" = 1'-0"

PERMIT & BID SET
07-25-2022

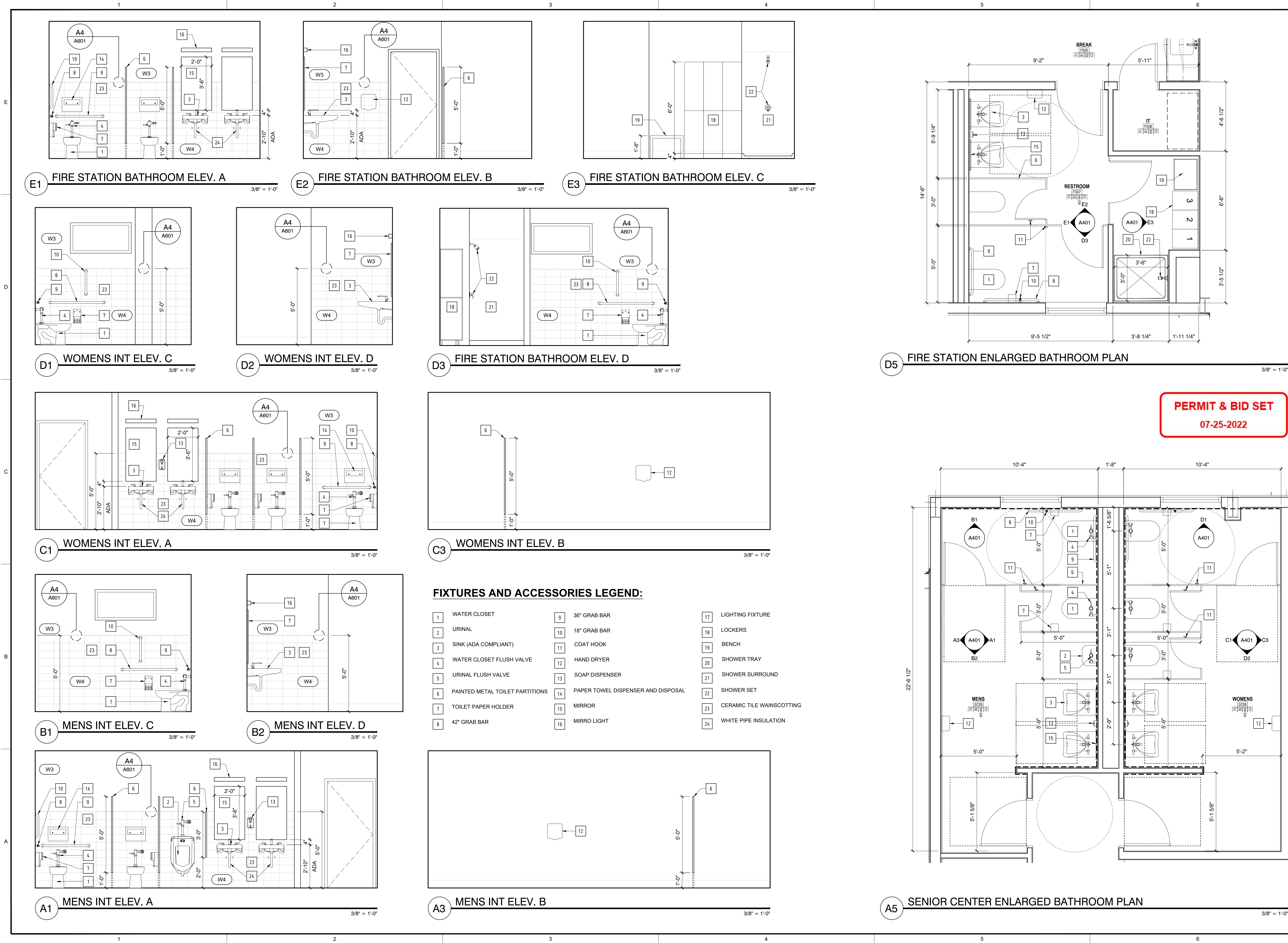
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CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3
16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

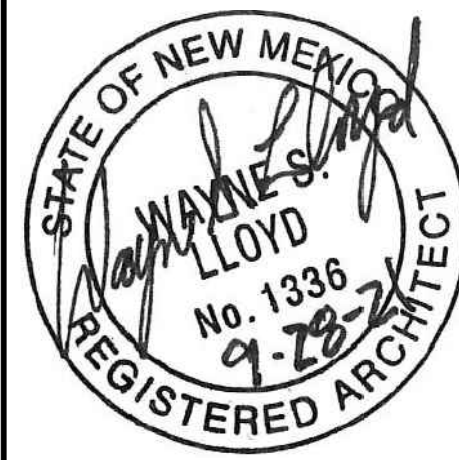
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Date: 07-25-2022		
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WALL SECTIONS		
Job Number: 2022-24		
Sheet No.		

A303



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STATION #3
16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

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Checked by: SM

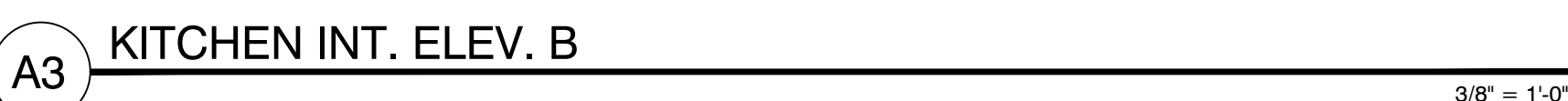
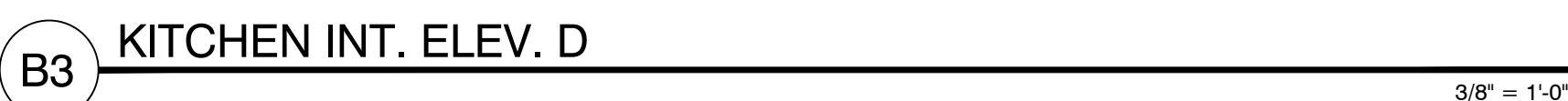
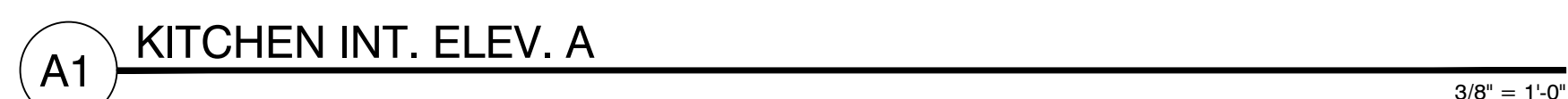
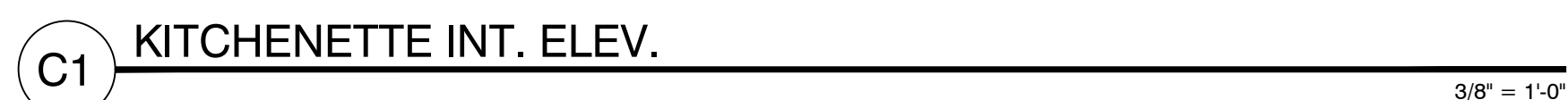
Date: 07-25-2022

Sheet Title:
ENLARGED
BATHROOM
DETAILS

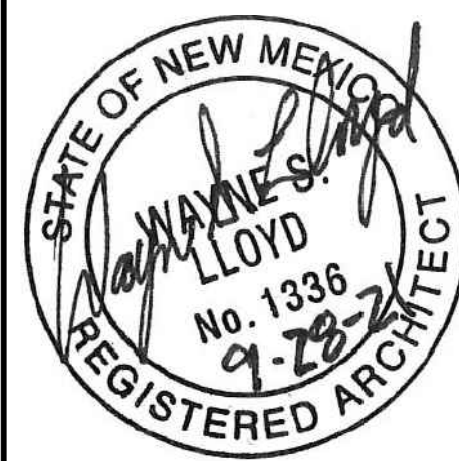
Job Number: 2022-24

Sheet No.

A401



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**CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3**
16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

REVISIONS

Drawn by: RL/KL
Checked by: SM

Date: 07-25-2022

Sheet Title:

ENLARGED

ENLARGED KITCHEN DETAILS

Job Number: 2022-24

Sheet No.

A402



E V I S I O N S

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et No.

PERMIT & BID SET
07-25-2022

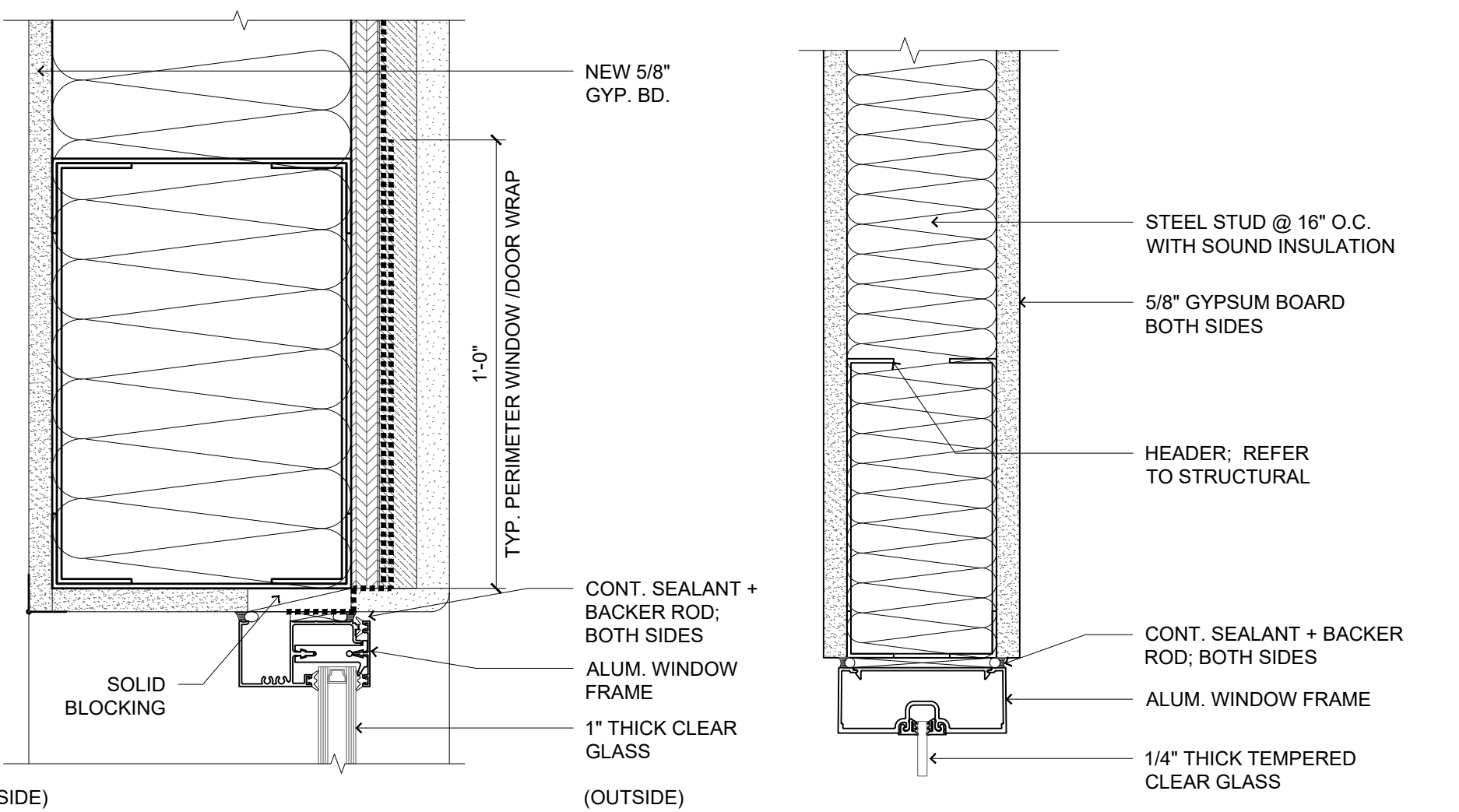


DOOR SCHEDULE

MARK	ROOM_NO	ROOM_NAME	TYPE	Door Width	Door Height	Door Thickness	SWING	Door Material	Frame Finish	Frame Material	SILL	JAMB	HEAD	HARDWARE	FIRE-RATING	NOTES
SC01A	SC01	SOUTH PORTAL	GD1	6'-0"	7'-0"	1 3/4"	RH-ACT	GLASS	PAINT	ALUM	A1/A502	C2/A502	D2/A502	-	-	-
SC04	SC04	READING ROOM	GD2	3'-0"	7'-0"	1 3/4"	LH	GLASS	PAINT	ALUM	-	C3/A502	D3/A502	-	-	-
FS01A	FS01	APPARATUS	MD1	3'-0"	7'-0"	1 3/4"	LH	METAL/INSULATED	PAINT	METAL	A1/A502	C3/A502	D3/A502	-	-	-
FS01B	FS01	APPARATUS	MD1	3'-0"	7'-0"	1 3/4"	RH	METAL/INSULATED	PAINT	METAL	A1/A502	C3/A502	D3/A502	-	-	-
SC15	SC15	ARTS AND CRAFTS	MD1	3'-0"	7'-0"	1 3/4"	RH	METAL/INSULATED	PAINT	METAL	A1/A502	C3/A502	D3/A502	-	-	-
SC01B	SC01	SOUTH PORTAL	MD1	3'-0"	7'-0"	1 3/4"	LH	METAL/INSULATED	PAINT	METAL	A1/A502	C3/A502	D3/A502	-	-	-
SC06B	SC06	KITCHEN	MD1	3'-0"	7'-0"	1 3/4"	RHR	METAL	PAINT	METAL	A1/A502	C3/A502	D3/A502	-	-	-
SC16	SC16	NORTH PORTAL	MD1	3'-6"	7'-0"	1 3/4"	RHR	METAL/INSULATED	PAINT	METAL	A1/A502	C3/A502	D3/A502	-	-	-
SC06C	SC06	KITCHEN	RUD1	6'-0"	7'-0"	5/8"		METAL	PAINT	METAL	-	-	-	-	-	-
FS01E	FS01	APPARATUS	SGD1	12'-0"	12'-0"	2"		METAL/INSULATED	PAINT	METAL	B1/A502	C1/A502	D1/A502	-	-	-
FS01D	FS01	APPARATUS	SGD1	12'-0"	12'-0"	2"		METAL/INSULATED	PAINT	METAL	B1/A502	C1/A502	D1/A502	-	-	-
FS01C	FS01	APPARATUS	SGD1	12'-0"	12'-0"	2"		METAL/INSULATED	PAINT	METAL	B1/A502	C1/A502	D1/A502	-	-	-
FS01H	FS01	APPARATUS	SGD1	12'-0"	12'-0"	2"		METAL/INSULATED	PAINT	METAL	B1/A502	C1/A502	D1/A502	-	-	-
FS01G	FS01	APPARATUS	SGD1	12'-0"	12'-0"	2"		METAL/INSULATED	PAINT	METAL	B1/A502	C1/A502	D1/A502	-	-	-
FS01F	FS01	APPARATUS	SGD1	12'-0"	12'-0"	2"		METAL/INSULATED	PAINT	METAL	B1/A502	C1/A502	D1/A502	-	-	-
SC13	SC13	STORE	WD1	3'-0"	7'-0"	1 3/4"	RH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
SC12	SC12	MECH.	WD1	3'-0"	7'-0"	1 3/4"	RH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
SC11	SC11	JAN.	WD1	2'-6"	7'-0"	1 3/4"	LH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
FS07	A15	RESTROOM	WD1	3'-0"	7'-0"	1 3/4"	RHR	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
FS06	FS06	IT	WD1	2'-6"	7'-0"	1 3/4"	LHR	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
SC14	SC14	ART ROOM / STORAGE	WD1	4'-0"	7'-0"	1 3/4"	RH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
SC10	SC10	IT / ELEC.	WD1	3'-0"	7'-0"	1 3/4"	RH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
FS08	FS08	STORAGE	WD1	3'-0"	7'-0"	1 3/4"	LH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
FS04	A15	OFFICE	WD1	3'-0"	7'-0"	1 3/4"	LH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
FS03	A15	MEETING ROOM	WD1	3'-0"	7'-0"	1 3/4"	LH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
SC09	SC09	MENS	WD1	3'-0"	7'-0"	1 3/4"	LH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
SC08	SC08	WOMENS	WD1	3'-0"	7'-0"	1 3/4"	RH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-
SC05	SC05	OFFICE	WD1	3'-0"	7'-0"	1 3/4"	RH	WOOD	PAINT	METAL	-	C4/A502	D4/A502	-	-	-

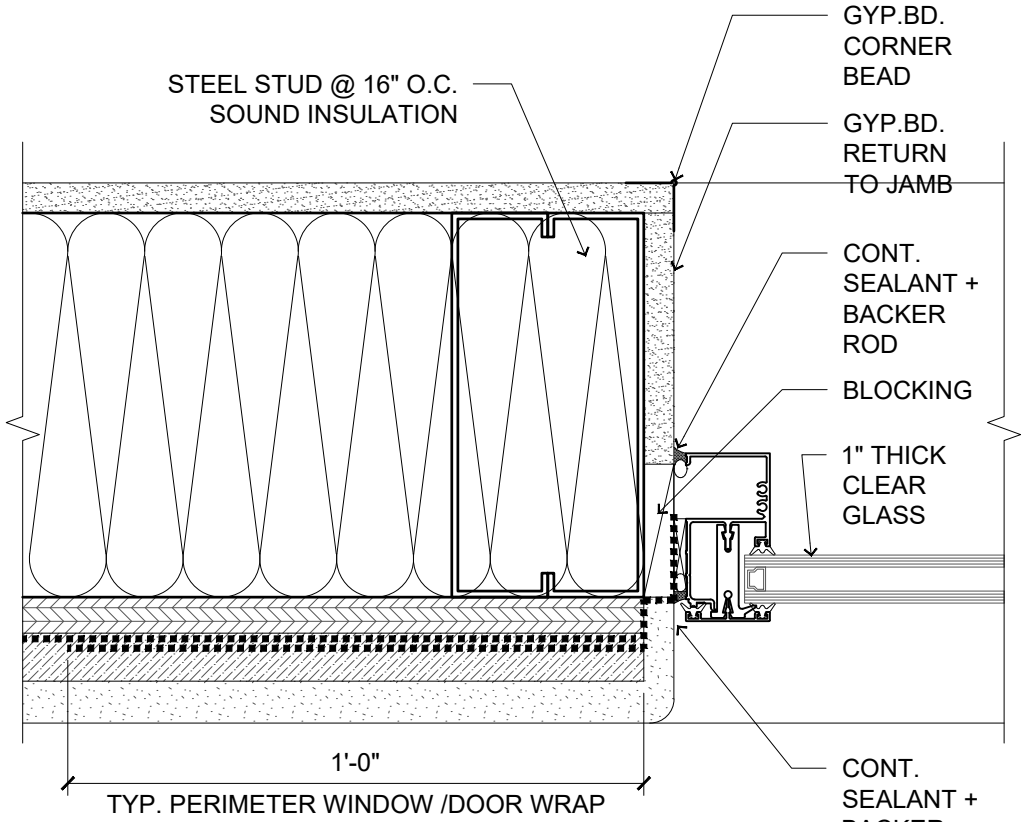
STOREFRONT / WINDOW SCHEDULE

COUNT	MARK	ROOM NO.	WIDTH	HEIGHT	HEAD HEIGHT
SENIOR CENTER					
3	W1	SC02	5'-6"	7'-0"	8'-0"
4	W1-O	SC02	5'-6"	7'-0"	8'-0"
4	W4-O	SC02	4'-0"	2'-0"	14'-0"
3	W5	SC02	2'-0"	2'-0"	14'-0"
1	W3	SC04	5'-0"	4'-0"	8'-0"
2	W3-O	SC04	5'-0"	4'-0"	8'-0"
1	W3-O	SC05	5'-0"	4'-0"	8'-0"
1	W4-O	SC06	4'-0"	2'-0"	8'-0"
1	W4-P	SC08	4'-0"	2'-0"	8'-0"
1	W4-P	SC09	4'-0"	2'-0"	8'-0"
1	W1	SC15	5'-6"	7'-0"	8'-0"
2	W1-O	SC15	5'-6"	7'-0"	8'-0"
3	W2	SC15	5'-0"	5'-0"	8'-0"
3	W5	SC15	2'-0"	2'-0"	12'-0"
FIRE STATION					
4	W4-P	FS01	4'-0"	2'-0"	10'-0"
1	W3-O	FS03	5'-0"	4'-0"	8'-0"
1	W3-O	FS04	5'-0"	4'-0"	8'-0"
1	W4-P	FS07	4'-0"	2'-0"	8'-0"



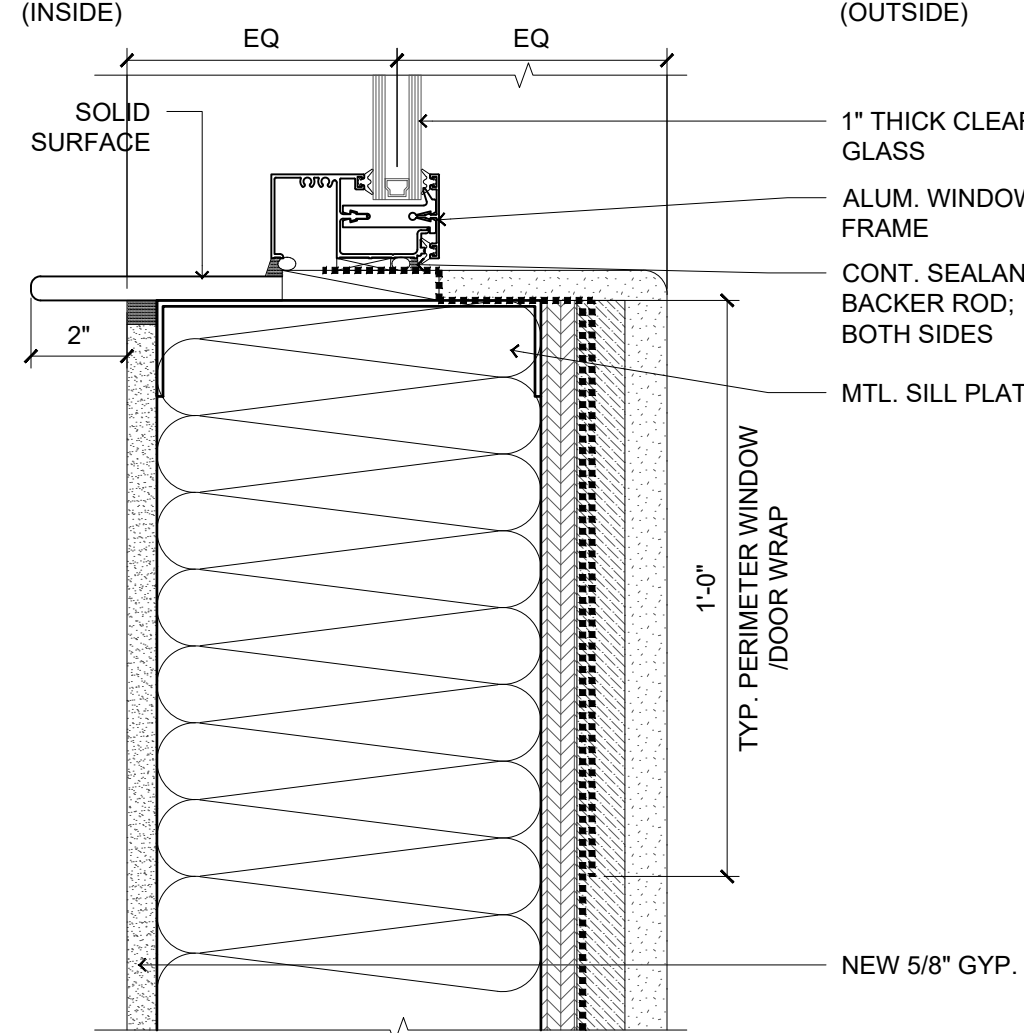
C5 STOREFRONT HEAD DETAIL A

C6 STOREFRONT HEAD DETAIL B

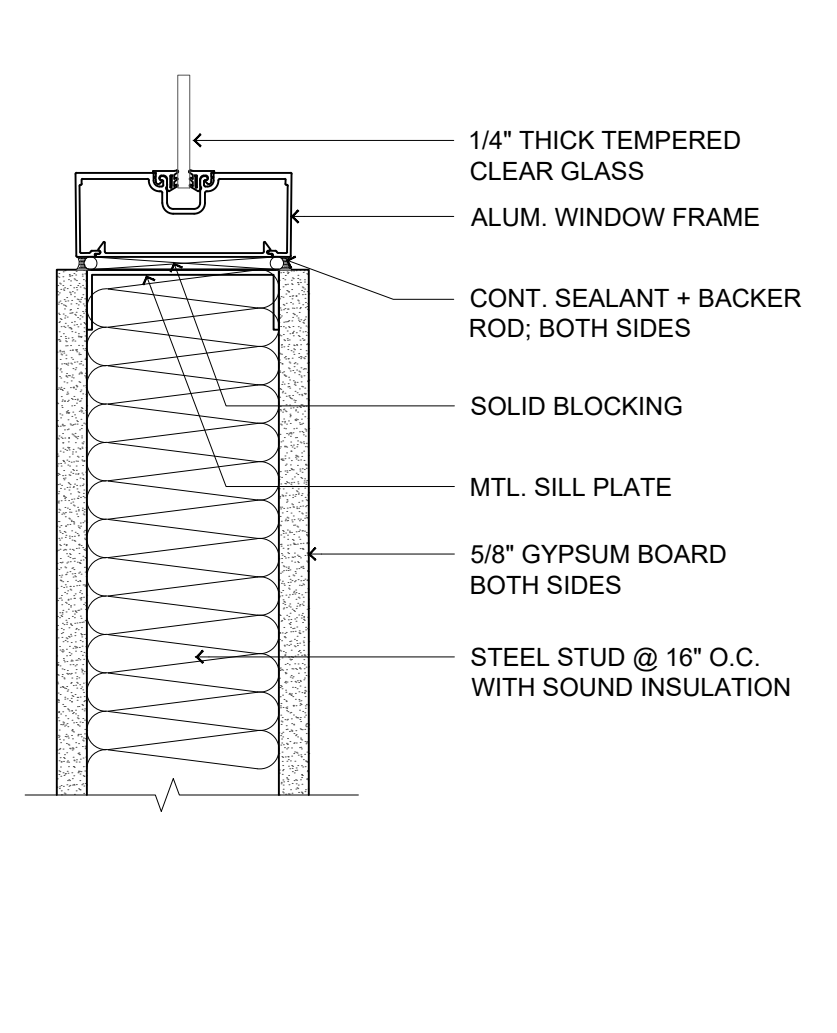


B5 STOREFRONT JAMB DETAIL A

B6 STOREFRONT JAMB DETAIL B

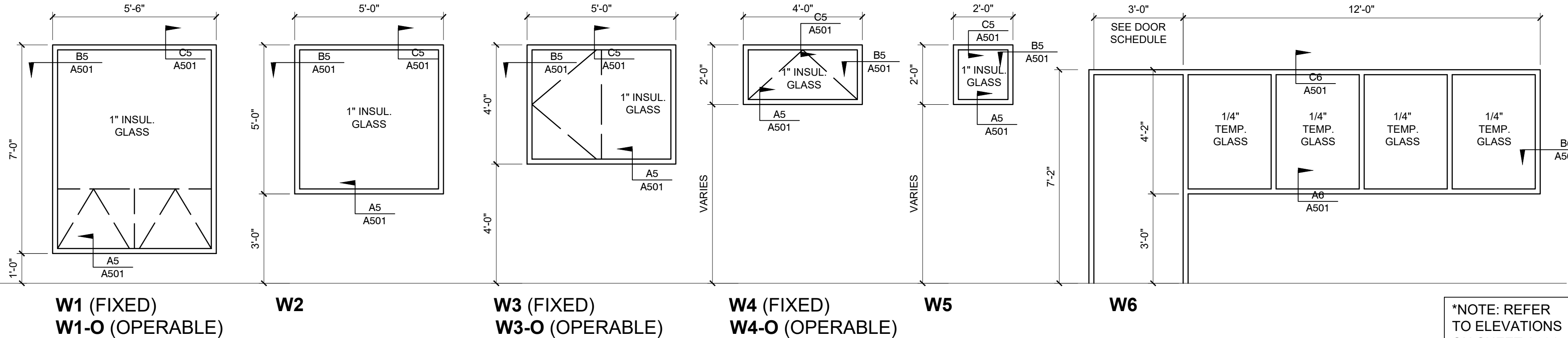


A5 STOREFRONT SILL DETAIL A



A6 STOREFRONT SILL DETAIL B

B1 DOOR ELEVATIONS



A1 STOREFRONT AND ELEVATIONS

*NOTE: REFER TO ELEVATIONS ON SHEET A201 FOR PLACEMENT AND SHEET A501 FOR SCHEDULE

PERMIT & BID SET
07-25-2022

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CERRILLOS SENIOR CENTER
& TURQUOISE TRAIL FIRE
STATION #3

16 MAIN STREET, CERRILLOS,
NEW MEXICO 87010

Current Status:

PERMIT & BID

REVISIONS

-	-	-
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Date: 07-25-2022

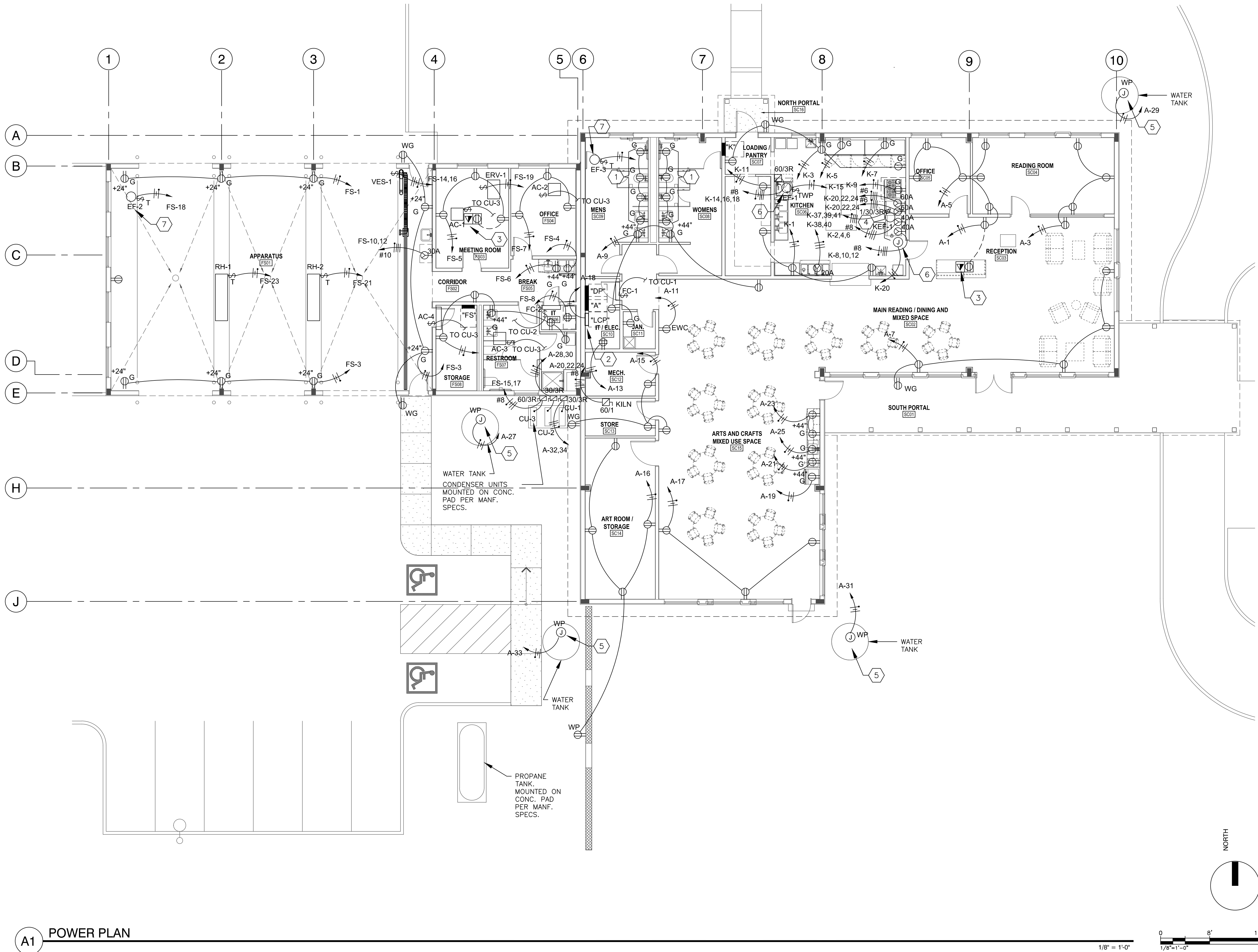
Sheet Title:

STOREFRONT
AND DOOR
ELEVATIONS &
DETAILS

Job Number: 2022-24

Sheet No.

A501



GENERAL NOTES

- LOCATION OF EQUIPMENT AND OTHER DEVICES SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- CONTRACTOR SHALL INSTALL PULL AND JUNCTION BOXES WHEREVER REQUIRED BY N.E.C. OR JOB CONDITIONS. ALL NEW WIRING SHALL BE TAGGED AT ALL PULL BOXES, JUNCTION BOXES, EQUIPMENT BOXES AND CABINETS WITH APPROVED PLASTIC TAGS. ACTION CRAFT, BRADY OR APPROVED EQUAL.
- THE CONTRACTOR SHALL INSTALL TIE HANDLES OR MULTI-POLE BREAKERS FOR ALL CIRCUITS SHARING A NEUTRAL CONDUCTOR.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH ALL TRADES FOR THE EXACT LOCATION OF EQUIPMENT AND APPURTENANCES THAT REQUIRE ELECTRICAL CONNECTIONS AND PROVIDE ALIGNMENT OF DEVICES.
- REMOVE AND INSTALL CEILING SUPPORTS AND TILES AS REQUIRED FOR THE COMPLETION OF THIS PROJECT. THIS CONTRACTOR SHALL INCLUDE REPLACEMENT OF CEILING TILES DAMAGED IN THE PROCESS OF THIS INSTALLATION WITH NEW MATCHING TILES. THE SAME APPLIES TO DAMAGE DONE TO OTHER KINDS OF CEILINGS.
- INSTALL BLANK DEVICE PLATES ON ALL UNUSED JUNCTION BOXES IN FINISHED AREAS.
- THE CONTRACTOR SHALL REPLACE ALL DAMAGED AND INOPERABLE DEVICES SUCH AS LIGHT SWITCHES, RECEPTACLES, ETC. AT NO ADDITIONAL COST THE OWNER.
- THE CONTRACTOR SHALL BE AWARE THAT ALL POWER SYSTEMS ARE OPERABLE AND SHALL REMAIN OPERABLE AT PROJECT COMPLETION. THIS REQUIRES THE CONTRACTOR TO "RING OUT" ALL CIRCUITS IN AREAS OF MODIFICATIONS PRIOR TO ANY WORK IN THESE AREAS AND TO MAINTAIN ALL SUCH BRANCH CIRCUITING AND CONTROLS OPERATIONAL AFTER MODIFICATIONS.
- INTERRUPTION OF ANY ELECTRICAL SERVICES OR SPECIAL SYSTEMS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AT LEAST SEVEN DAYS PRIOR TO THE INTENDED OUTAGE AND SHALL BE REQUESTED IN WRITING.
- ALL HOME RUN CIRCUITING TO PANELS SHALL BE .75" CONDUIT, MINIMUM.
- ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED WITH FIRE STOPPING, IE. 3M BRAND CALK, PUTTY, STRIP AND SHEET FORMS, DOW CORNERING 3-6548 SILICONE RTV FOAM.
- ALL LOW VOLTAGE CONDUCTORS SHALL BE RAN IN SEPARATE RACEWAYS AS POWER CONDUCTORS (120VAC OR HIGHER PHASE TO NEUTRAL), NO EXCEPTIONS.
- ALL BRANCH AND FEEDER CIRCUIT WIRING SHALL BE COLOR CODED THROUGHOUT THE ELECTRICAL DISTRIBUTION SYSTEM AND SHALL MATCH THE EXISTING INSTALLATIONS.
- COORDINATE OUTLET COLOR PREFERENCES FOR ALL IT RACK OUTLETS WITH OWNER PRIOR TO ORDERING.

SHEET KEYED NOTES

- PROVIDE ELECTRICAL CONNECTION TO AUTOMATIC FLUSH VALVES AND FAUCETS. COORDINATE WITH MANUFACTURER FOR ROUGH-IN REQUIREMENTS. MAKE ALL REQUIRED CONNECTIONS.
- LIGHTING CONTROL RELAY PANEL. REFER TO DETAILS AND LIGHTING CONTROL SEQUENCE OF OPERATION.
- PROVIDE IN-FLOOR POWER/DATA OUTLET. REFER TO DETAILS SHEET. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. EXTEND .75" CONDUIT TO NEAREST FULL HEIGHT PARTITION FOR BOTH POWER AND DATA. STUB DATA ABOVE ACCESSIBLE CEILING SPACE. PROVIDE PULL STRING.
- PROVIDE GAS SOLENOID SHUT OFF AND SHUNT RECEPTACLES UNDER KITCHEN HOOD WITH FIRE SUPPRESSION SYSTEM. COORDINATE IN FIELD AND PROVIDE RELAYS AS REQUIRED. COORDINATE EMERGENCY SHUT OFF LOCATION RED MUSHROOM PUSHBUTTON WITH ARCHITECT. MAKE ALL REQUIRED INTERCONNECTIONS.
- PROVIDE ELECTRICAL CONNECTION TO CISTERN. COORDINATE WITH ARCHITECT AND LANDSCAPE.
- PROVIDE ELECTRICAL CONNECTION TO KITCHEN HOOD. MOUNT SWITCHES ON HOOD PER MANUFACTURER. MAKE ALL REQUIRED INTERCONNECTIONS TO ROOFTOP EQUIPMENT. COORDINATE WITH MECHANICAL.
- EXTEND CIRCUIT THROUGH RELAY CONTROL PANEL. COORDINATE WITH MECHANICAL FOR CONTROL SCHEDULE.

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07-25-2022

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**CERILLOS SENIOR CENTER
AND TURQUOISE TRAIL #3
FIRE STATION**
LOT 3, SECTION 17, T.14N., R.8E., N.M.P.M.
SANTA FE COUNTY, NEW MEXICO

Current Status:
100% CONST. DOCS

REVISIONS			

Drawn by: JSM

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Date: 09-27-21

Sheet Title:

POWER PLAN

Job Number:

Sheet No.

EP101