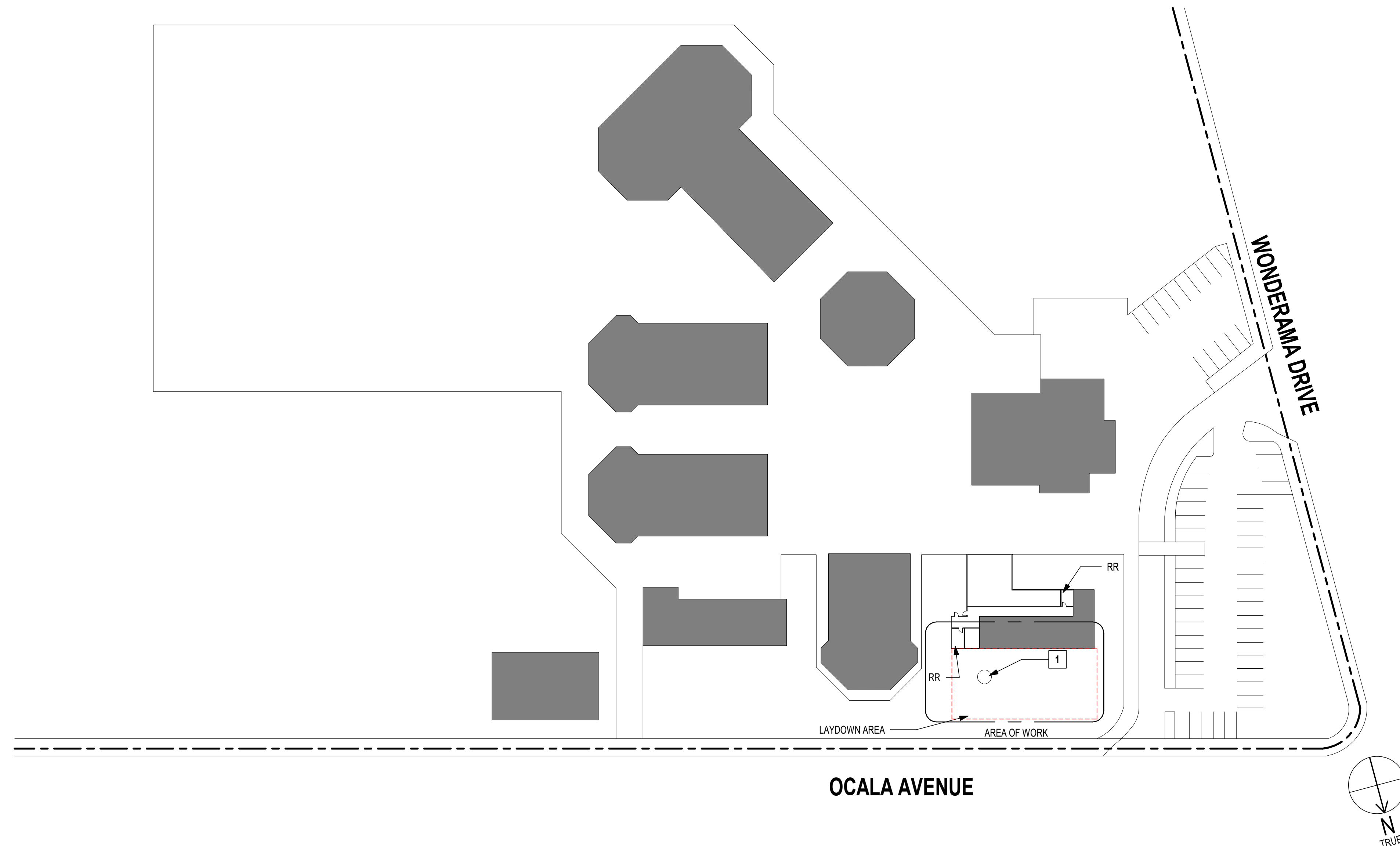


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1 OCALA STEAM ACADEMY - SITE PLAN
 1" = 50'-0"

SHEET NOTES

1. SEE PLUMBING/ELECTRICAL DRAWINGS FOR EXTENT OF UTILITY WORK
2. OTHER UTILITY LINES MAY BE LOCATED IN TRENCH LOCATIONS. CONTRACTOR TO USE DISCRETION WHEN DIGGING. REPAIR OF EXISTING UTILITY LINES REQUIRED WHEN DAMAGED
3. RESTORE EXISTING FINISHES AFTER TRENCHING FOR PLUMBING LINES, WITH 95% COMPACTION
4. COORDINATE WITH OWNER'S REPRESENTATIVE WHEN SHUTTING OFF UTILITIES AND STARTING HEAVY CONSTRUCTION WORK

PLAN NOTES

- 1** EXISTING TREE, PRESERVE AND PROTECT. REMOVE ROOTS AS NEEDED FOR UTILITY WORK WITH AN ARBORIST TO OBSERVE TREE CONDITION

AGENCY STAMP

DSA APPLICATION NO: N/A



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STAMP



CONSULTANT

PROJECT NAME
SEWER REPLACEMENT

FACILITY INFO
 ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES
 OCALA STEAM ACADEMY - 2800 OCALA AVE., SAN JOSE
 KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS

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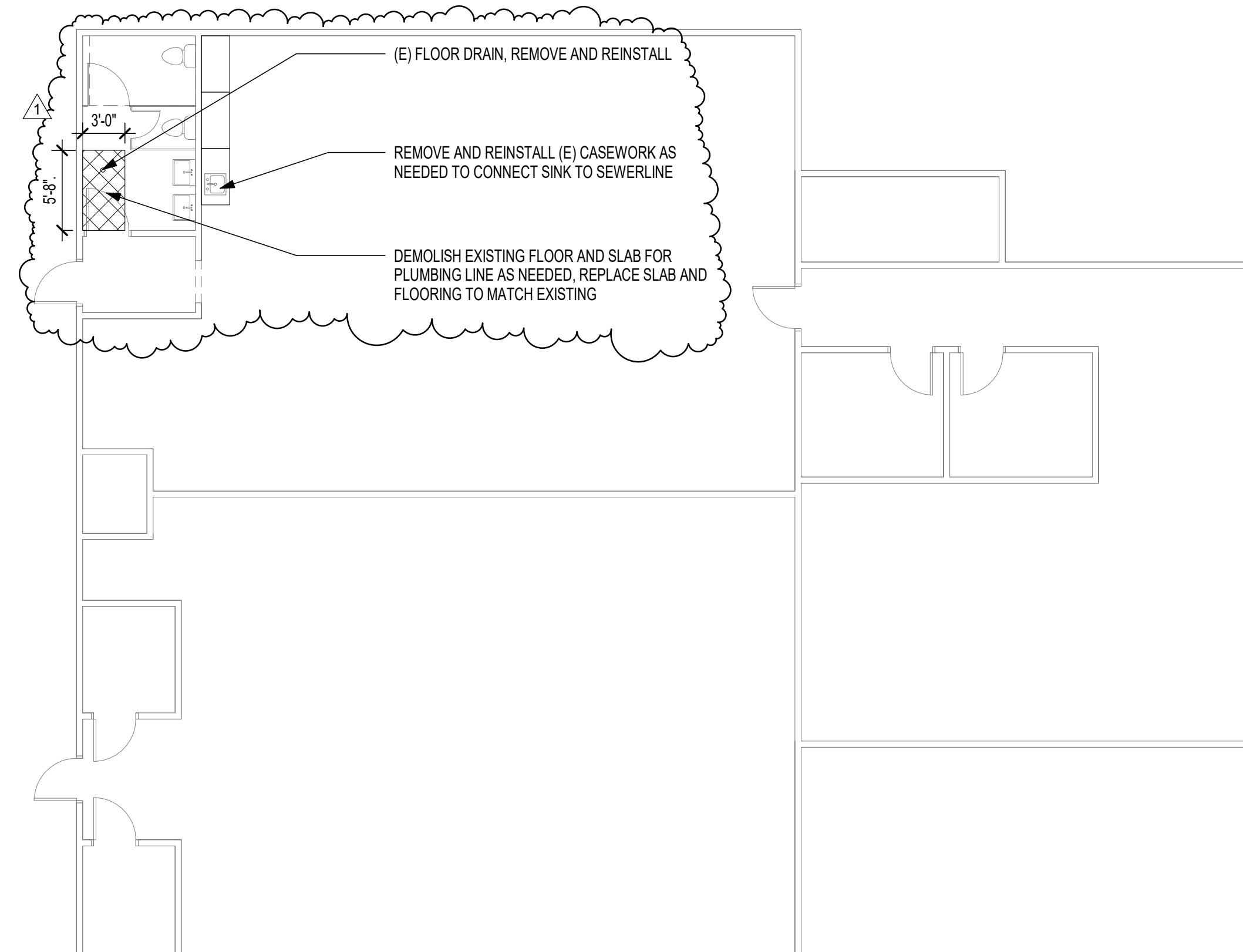
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OCALA STEAM ACADEMY

SHEET NUMBER
A1.04

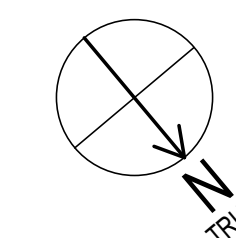
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SHEET NOTES

1. SEE PLUMBING/ELECTRICAL DRAWINGS FOR EXTENT OF UTILITY WORK
2. PRESERVE AND PROTECT EXISTING FINISHES TO REMAIN
3. COORDINATE WITH SITE WHEN SHUTTING OFF UTILITIES AND STARTING HEAVY CONSTRUCTION WORK



1 CESAR CHAVEZ ES - FLOOR PLAN
 1/8" = 1'-0"



AGENCY STAMP

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CONSULTANT

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SEWER REPLACEMENT

FACILITY INFO
 ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES

KEY PLAN



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DATE	NO.	REVISIONS
11/21/24	1	ADDENDUM 1

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SHEET TITLE
ENLARGED CESAR CHAVEZ ES PLAN

SHEET NUMBER

A2.01

LEGEND		ABBREVIATIONS	
	SOIL OR WASTE PIPING BELOW FLOOR SLAB	AFF	ABOVE FINISHED FLOOR
	SOIL WASTE PIPING ABOVE FLOOR	AP	ACCESS PANEL
	CONDENSATE DRAINAGE PIPING	ARCH	ARCHITECTURAL
	SANITARY VENT PIPING	BF	BELOW FLOOR
	DOMESTIC COLD WATER PIPING	BFF	BELOW FINISH FLOOR
	DOMESTIC HOT WATER PIPING	BG	BELOW GRADE
	DOMESTIC HOT WATER RETURN	BV	BALANCING VALVE
	WALL CLEANOUT	CD	CONDENSATE DRAIN
	FLOOR CLEANOUT	CFF	PIPE CAPPED FOR FUTURE CONNECTION
	SHEET NOTE DESIGNATION	CW	DOMESTIC COLD WATER PIPING
	GATE VALVE	CLG	CEILING
	PIPE RISE	C.I.	CAST IRON PIPE
	PIPE DROP	C	CLAY PIPE
	PIPE CONNECTION, BOTTOM	CO	CLEANOUT
	PIPE CONNECTION, TOP	DIA	DIAMETER
	UNION	DN	DOWN
	FLOOR DRAIN	(E)	EXISTING
	VENT BELOW FLOOR	FCO	FLOOR CLEANOUT
	EXISTING PIPE ABOVE CEILING	FD	FLOOR DRAIN
	EXISTING PIPE BELOW GRADE	FF	FINISH FLOOR
	EQUIPMENT TAG	FFE	FINISH FLOOR ELEVATION
	POC POINT OF CONNECTION	FT	FEET
	POD POINT OF DISCONNECTION	FS	FLOOR SINK
		FLR	FLOOR
		GAL	GALLON
		GPM	GALLONS PER MINUTE
		GPF	GALLON PER FLUSH
		G	GAS
		GCO	GRADE CLEANOUT
		GR	GAS RANGE
		HB	HOSE BIBB
		HW	DOMESTIC HOT WATER PIPING
		HC	HANDICAP
		IW	INDIRECT WASTE
		I.C.	IN CEILING
		I.E.	INVERT ELEVATION
		LAV	LAVATORY
		LBS	NORMALLY CLOSED
		MAX	MAXIMUM
		MH	MANHOLE
		(N)	NEW
		NTS	NOT TO SCALE
		PD	PRESSURE DRAIN
		PVC	POLYVINYL CHLORIDE
		SK	SINK
		S or W	SOIL OR WASTE PIPING
		SD	STORM DRAIN PIPING
		SQ.FT.	SQUARE FEET
		SA	SHOCK ABSORBER
		SPEC	SPECIFICATION
		TP	TRAP PRIMER VALVE
		TYP	TYPICAL
		UON	UNLESS OTHERWISE NOTED
		UL	UNDERWRITER'S LABORATORY
		VR	VENT RISER
		WC	WATER CLOSET
		WCO	WALL CLEANOUT
		WH	WATER HEATER
		W/	WITH
		W/O	WITHOUT
		WT	WEIGHT

PIPE MATERIAL SCHEDULE									
SERVICE	MATERIAL	REMARKS							
WATER (CW) (HW) (RR)	INSIDE OUTSIDE	7.76 PSI/100FT @ 8 FT/S VEL FOR CW & 5 FT/S FOR HW							
WASTE & VENT (W) (V)	INSIDE OUTSIDE	GRAVITY @ 2% STANDARD							
DRAIN (DR)	INSIDE OUTSIDE								

NOTE: "OUTSIDE" COLUMN IS TO 5'-0" OUT SIDE BLDG.

NOTE: SANITARY SEWER PIPE 5'-0" OUTSIDE THE BUILDING, USE ABS WHEN BURIED 3'-0" OR LESS, AND PVC C-900 FOR DEEPER PIPE.

SCOPE OF WORK	
1.	REPLACE (E) SS LINE AND REPLACE WITH NEW AS SHOWN ON THE PLAN. USE (E) PATH FOR (N) LINE.
2.	REMOVE (E) LINE SS. PROVIDE (N) SS LINE AS SHOWN ON THE PLAN.
3.	COORDINATE WITH THE FACILITY FOR ALL WORK NOTED ON THE PLAN.
4.	ALL PIPE LENGTHS SHALL BE FIELD MEASURED PRIOR TO ORDERING THE NEW MATERIAL REGARDLESS OF THE SCALE SHOWN ON THE DWGS.

PLUMBING DRAWING INDEX			
SHEET NO.	DESCRIPTIONS	SCALE	REMARKS
P0.1	PLUMBING SYMBOLS, LEGENDS, ABBREVIATIONS & GENERAL NOTES	NONE	
P1.1	PLUMBING SITE PLAN - ALUM ROCK USD OFFICE - DEMO WORK	1"=50'-0"	
P1.2	PLUMBING SITE PLAN - PAINTER ELEMENTARY SCHOOL - DEMO WORK	1"=50'-0"	
P1.4	PLUMBING SITE PLAN - ADELANTE 1 ACADEMY - DEMO WORK	1"=50'-0"	
P1.5	PLUMBING SITE PLAN - OCALA STEAM ACADEMY- DEMO WORK	1"=50'-0"	
P1.7	PLUMBING SITE PLAN - CESAR CHAVEZ ELEMENTARY SCHOOL- DEMO WORK	1"=50'-0"	
P2.1	PLUMBING ENLARGED PLAN - ALUM ROCK USD OFFICE - NEW WORK	1/4"=1'-0"	
P2.2	PLUMBING SITE PLAN - PAINTER ELEMENTARY SCHOOL - NEW WORK	1"=50'-0"	
P2.4	PLUMBING SITE PLAN - ADELANTE 1 ACADEMY - NEW WORK	1"=50'-0"	
P2.5	PLUMBING SITE PLAN - OCALA STEAM ACADEMY - NEW WORK	1"=50'-0"	
P2.7	PLUMBING SITE PLAN - CESAR CHAVEZ ELEMENTARY SCHOOL - NEW WORK	1"=50'-0"	
P3.0	PLUMBING DETAILS	NONE	

GENERAL NOTES	
1.	ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2022 CALIFORNIA PLUMBING CODE 2022, CALIFORNIA BUILDING CODE, NATIONAL FIRE PROTECTION CODES, BUILDING EDITION DESIGN CRITERIA, AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
2.	COORDINATE PLUMBING SYSTEMS WITH WORK OF OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
3.	MAINTENANCE LABEL SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED TO OWNER'S REP.
4.	NOT USED.
5.	HORIZONTAL PIPING THRU METAL STUDS IS PROHIBITED.
6.	WATER PIPING SHALL BE TYPE "L" HARD DRAWN COPPER.
7.	SOIL, WASTE, DRAIN, AND VENT PIPING BELOW AND INSIDE BUILDING, USE NO HUB CAST IRON PIPE WITH 24 GA. STAINLESS STEEL COUPLING AND NEOPRENE GASKETS.
8.	UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS. INSTALL DIELECTRIC FITTING BETWEEN FERROUS AND NON-FERROUS MATERIAL.
9.	COMPLY WITH BUILDING STANDARDS FOR ALL PLUMBING. VERIFY WITH OWNER FOR PLUMBING BUILDING STANDARDS.
10.	HORIZONTAL WASTE PIPING SHALL HAVE MINIMUM SLOPE OF (1/4" PER FOOT AND 1/8" PER FOOT FOR STORM DRAIN) UNLESS NOTED OTHERWISE ON THE PLANS. 1/8"- SLOPE FOR SANITARY SEWER ALLOWED FOR 4" AND LARGER SEWER PIPE DUE TO STRUCTURAL CONDITION ONLY AND SUBJECT TO APPROVAL FROM AHJ.
11.	REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES.
12.	PIPE PROTECTION: PENETRATION OF RATED ASSEMBLIES SHALL BE FIRE STOPPED.
13.	PROVIDE U.L. LISTED FIRE RATED "MOLDABLE PUTTY" AND/OR CAULKING AROUND RECESSED VALVE BOXES IN RATED WALLS OR CEILING, AS REQUIRED BY CODE.
14.	ALL CONNECTIONS TO EXISTING SERVICE SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. THE CONTRACTOR SHALL GIVE THE OWNER'S REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTION AND THE ACTUAL SHUT-DOWN TIME SHALL BE AT TIME DESIGNATED BY THE OWNER'S REPRESENTATIVE. THE EXACT TIME, DATE AND LENGTH OF THE SHUT DOWN SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE TWO WEEKS IN ADVANCE OF THE PROPOSED SHUT DOWN.
15.	PLUMBING FIXTURES AND FITTINGS SHALL COMPLY WITH CALGREEN TABLE 5.303.6.
16.	EACH PLUMBING FIXTURE THAT CONNECTS TO THE SANITARY SEWER SYSTEM SHALL BE PROPERLY TRAPPED AND VENTED IN ACCORDANCE WITH 2022 CPC. TRAP PRIMER SYSTEM SHALL CONSIST OF A STAINLESS STEEL SERVICE ACCESS PANEL, 12"x12", BRONZE LEAD-FREE BALL VALVE UPSTREAM AND A COPPER X FIP (FEMALE IRON PIPE) UNION DOWN STREAM. BRONZE BALL VALVE SHALL BE MANUFACTURED BY NIBCO OR APPROVED EQUAL.
17.	ALL CLEANOUTS SHALL BE ACCESSIBLE FOR REGULAR MAINTENANCE.
18.	ALL (E) PLUMBING SYSTEM TO REMAIN SHALL BE CLEAN & FREE OF ANY PLUG OBJECTS.

GENERAL SEISMIC NOTES	
SUPPORT AND SEISMIC ANCHORAGE/BRACING OF MEP COMPONENTS AND DISTRIBUTION SYSTEMS.	
ALL MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEM SHALL BE ANCHORED AND INSTALLED PER THE DETAIL ON THE APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, CONTRACTOR SHALL DESIGN AND DETAIL SUPPORTS AND SEISMIC ANCHORAGE/BRACING IN ACCORDANCE TO THE FORCE AND DISPLACEMENT REQUIREMENTS IN 2022 CBC CHAPTER 16 AND ASCE 7-10. CALCULATIONS AND DRAWINGS SHALL BE STAMPED AND SIGNED BY A CALIFORNIA LICENSED CIVIL OR STRUCTURAL ENGINEER AND SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE SEQOR AND HCAI PRIOR TO FABRICATION AND INSTALLATION. SUCH DEFERRED DESIGN SUBMITTALS SHALL MAKE USE, AS IS APPLICABLE, OF HCAI PRE-APPROVED BRACING SYSTEM SUCH AS DPM-0043-13 (MASON INDUSTRIES), DPM-0052-13 (B-LINE/TOLCO), OR DPM-0403-13 (ISAT). SEE 2022 CAC SECTION 7-126 FOR ADDITIONAL REQUIREMENTS RELATED TO DEFERRED APPROVAL.	

PLUMBING FIXTURE CONNECTION AND SCHEDULE											
CODE	DESCRIPTION	SPECIFICATIONS	WASTE		TRAP	VENT	CW	HW	GAS		REMARKS
			DIR.	INDIR.					QTY	CFH	
FCO-1	FLOOR CLEANOUT	J.R. SMITH FLOOR CLEANOUT, MODEL 4020	4"	-	-	-	-				SEE PLANS
GCO-1	GRADE CLEANOUT	J.R. SMITH GRADE TWO-WAY CLEANOUT, MODEL MATCH FACILITY STANDARDS.	4"	-	-	-	-				SEE PLANS

NOTES:
1- COORDINATE WITH THE FACILITY FOR STANDARD MANUFACTURERS AND MODELS.

DSA APPLICATION NO: N/A



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PROJECT NUMBER: 023-054

PROJECT NAME
SEWER REPLACEMENT

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD		
DATE	NO.	REVISIONS
04/25/2024		ISSUE FOR BID

DRAFTER: Author REVIEWER: XX
PM: XX DSK JOB NO: XXXXX

SHEET TITLE
PLUMBING SYMBOLS, LEGENDS, ABBREVIATIONS, GENERAL NOTES, & SCHEDULE

SHEET NUMBER

P0.1

DSA APPLICATION NO: N/A



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SHEET TITLE
**PLUMBING SITE PLAN -
PAINTER ELEMENTARY
SCHOOL
DEMO WORK**

SHEET NUMBER

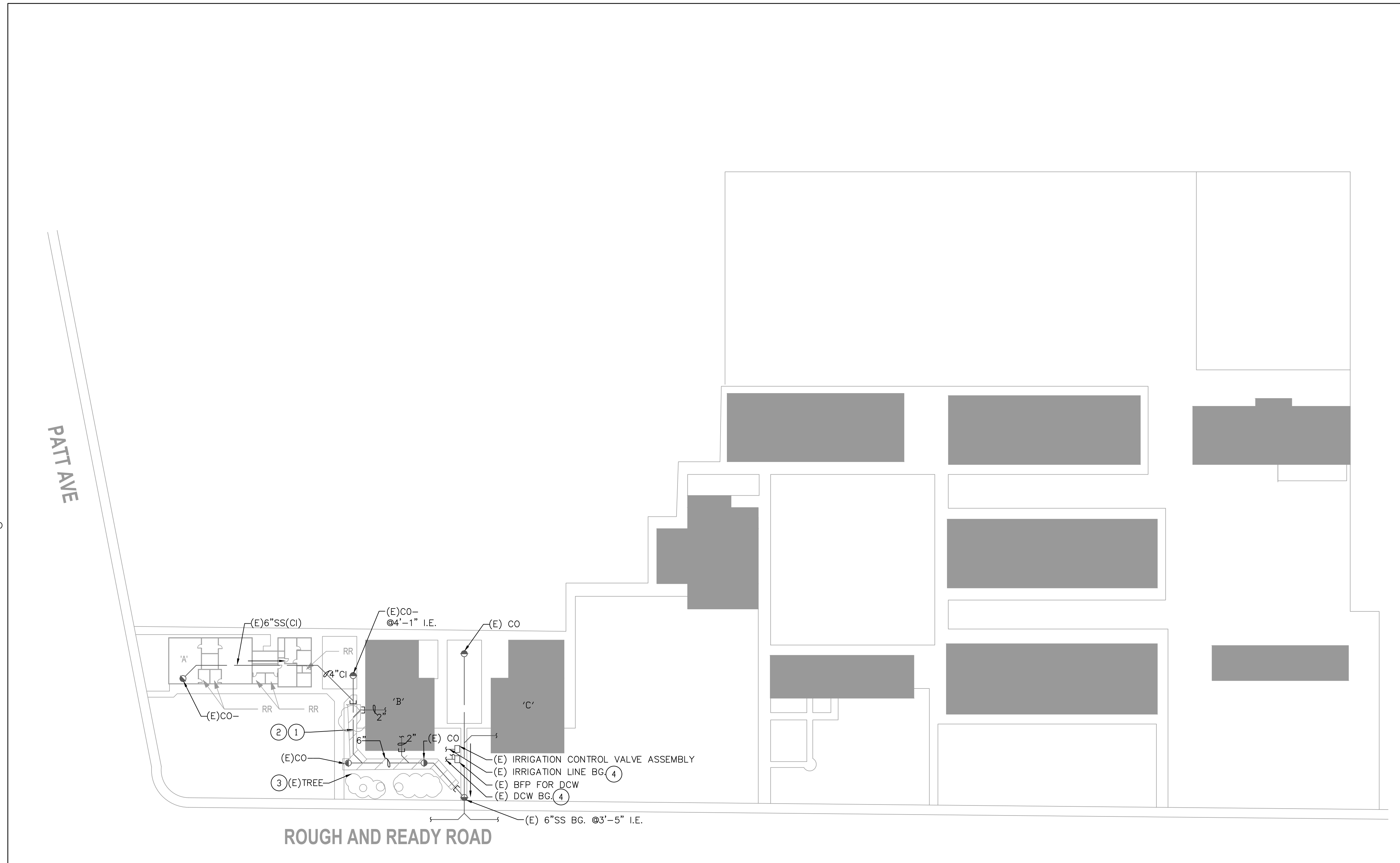
P1.2

GENERAL NOTES

- CLOSELY COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO TRENCHING OR INSTALLING PIPING AND ASSOCIATED ITEMS. IDENTIFY SIZE AND DEPTH OF ALL PIPE PENETRATIONS THROUGH FOUNDATION WALLS OR FOOTING AND INSTALL PIPE SLEEVES PER STRUCTURAL DETAILS.
- PRIOR TO SUBMISSION OF BID, VISIT SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS; NO EXTRA PAYMENT SHALL BE ALLOWED FOR WORK RESULTING FROM LACK OF APPRAISAL OF EXISTING CONDITIONS.
- CONTRACTOR SHALL FIELD VERIFY EXACT SIZES, LOCATIONS, AND ELEVATIONS OF ALL PIPING CONNECTIONS, OTHER WORK, ETC. PRIOR TO TRENCHING OR INSTALLING ANY NEW WORK. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL CONDITIONS. REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR FINISHED FLOOR AND GRADING ELEVATIONS.
- CONTRACTOR SHALL SAWCUT EXISTING CONCRETE AND/OR ASPHALT WHERE NECESSARY FOR TRENCHING OF NEW UNDERGROUND UTILITIES. CONTRACTOR SHALL PATCH AND REPAIR SURFACES SMOOTH AND LEVEL TO MATCH ADJACENT SURFACE.
- FIELD VERIFY (E) CONDITION (PIPE SIZE, VALVE, LOCATION, ETC.) PRIOR TO ANY DEMOLITION OR NEW WORK.
- THIS DRAWING IS NOT TO SCALE. FIELD MEASUREMENTS ARE REQUIRED FOR ANY DEMO OR NEW WORK.
- PIPE SIZE AND LOCATIONS ARE BASED ON RECORD DWG AND CAMERA INVESTIGATION DATED 2/1/2024.

SHEET NOTES:

- REMOVE (E) 6" PVC SS LINE BG. VERIFY (E) PIPE SLOPE AND FLOW DIRECT TOWARD TERMINATION POINT.
- VERIFY PIPE ROUTING AND I.E. PRIOR TO DEMO OF NEW WORK.
- SEE ARCH. DWGS FOR REMOVING OF (E) TREE AND ASSOCIATED ROOTS WHICH ARE IN CONFLICT WITH SS ROUTING.
- FIELD VERIFY EXISTING UTILITY LINES (IRRIGATION, DCW, ELECT, ETC.) IN AREA OF WORK PRIOR TO ANY DEMO OR NEW WORK. REPAIR AND DAMAGES TO (E) UTILITY LINES DUE TO THIS WORK.



1 PLUMBING SITE PLAN - PAINTER ELEMENTARY SCHOOL - DEMO WORK
SCALE: NTS



