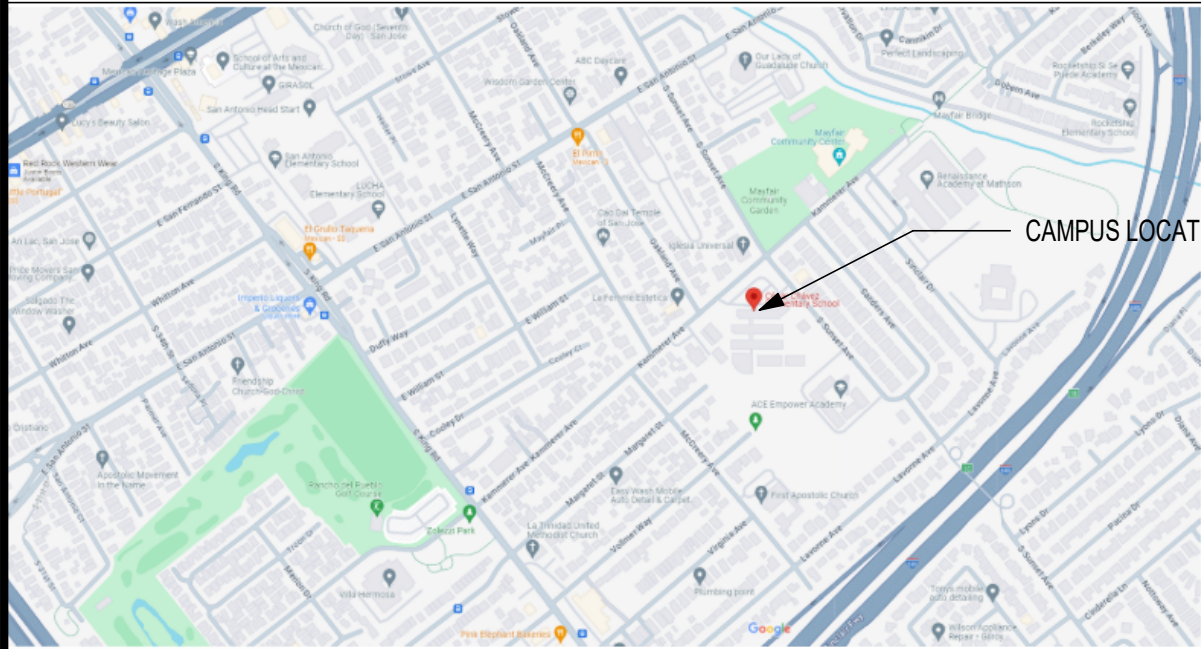


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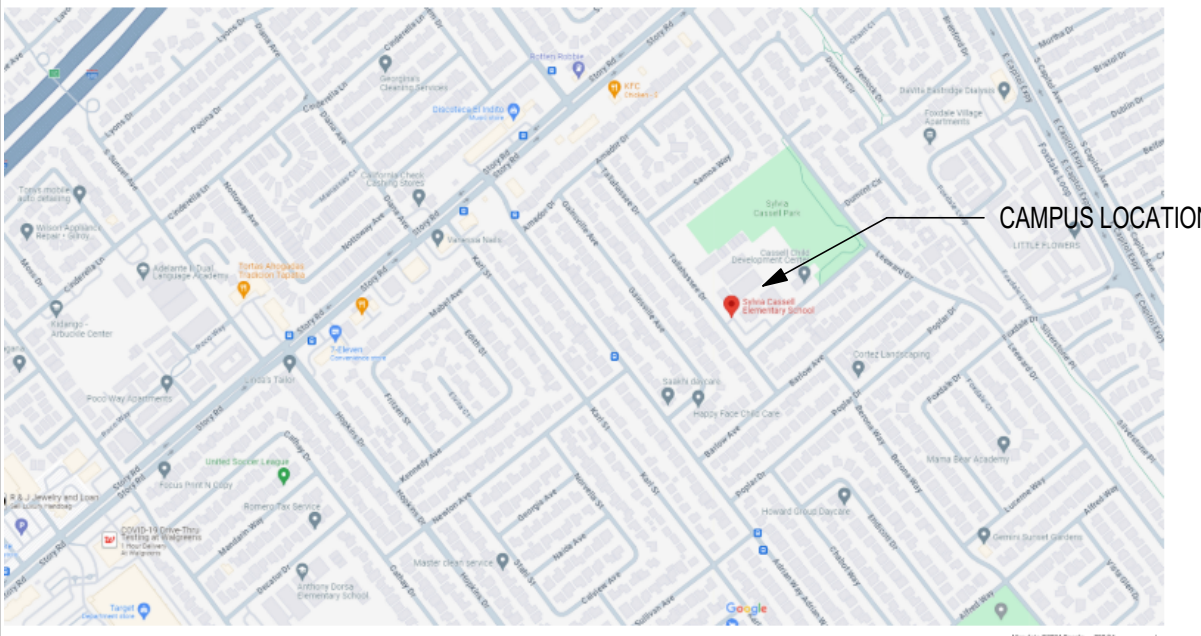
ALUM ROCK UNION SCHOOL DISTRICT
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES
SEWER REPLACEMENT

UPDATED CONSTRUCTION DOCUMENT SET
MARCH 11TH, 2024

VICINITY MAP - CESAR CHAVEZ ES



VICINITY MAP - CASSELL ES



PROJECT DIRECTORY

CLIENT:
Alum Rock Union School District
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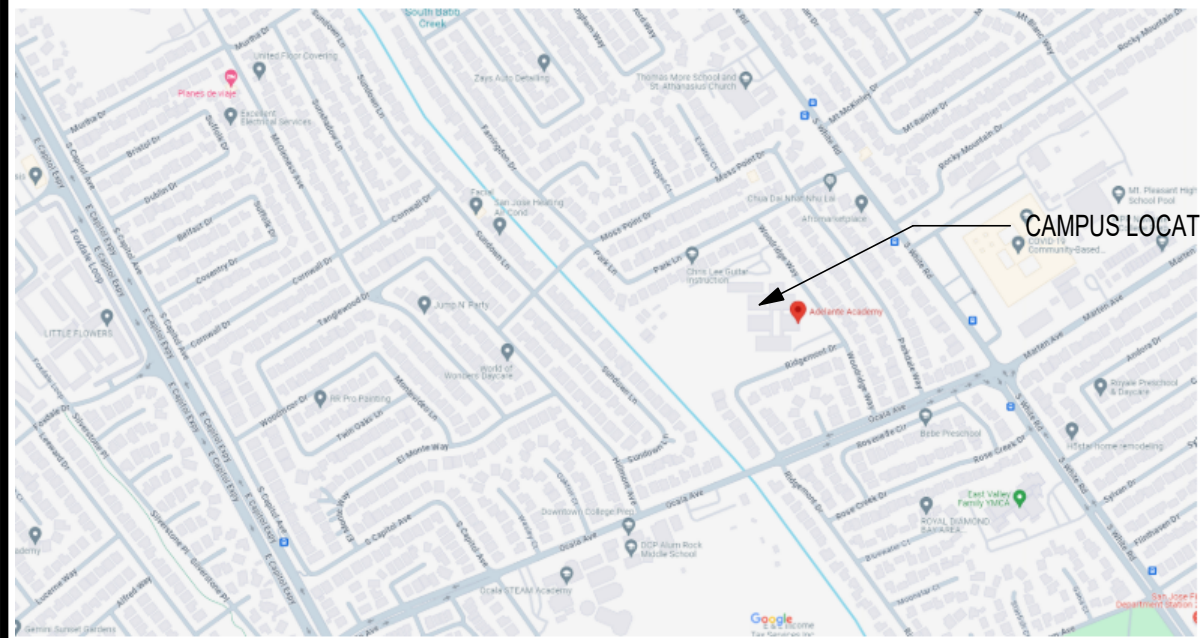
DRAWING INDEX

GENERAL
G0.01 PROJECT DIRECTORY, SCOPE OF WORK & DRAWING INDEX
GENERAL: 1

ARCHITECTURAL
A1.00 CESAR CHAVEZ ES - SITE PLAN
A1.01 CASSELL ES - SITE PLAN
A1.02 ADELANTE 1 ACADEMY - SITE PLAN
A1.03 PAINTER ES - SITE PLAN
A1.04 OCALA STEAM ACADEMY
A1.05 CURETON ELEMENTARY SCHOOL
A1.06 ALUM ROCK USD DISTRICT OFFICE
A2.00 ENLARGED DISTRICT OFFICE PLAN
A2.01 ENLARGED CESAR CHAVEZ ES PLAN
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P0.1 PLUMBING SYMBOLS, LEGENDS, ABBREVIATIONS, GENERAL NOTES, SCHEDULE
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P1.2 PLUMBING SITE PLAN - PAINTER ELEMENTARY SCHOOL
P1.3 PLUMBING SITE PLAN - CURETON ELEMENTARY SCHOOL - DEMO WORK
P1.4 PLUMBING SITE PLAN - ADELANTE 1 ACADEMY - DEMO WORK
P1.5 PLUMBING SITE PLAN - OCALA STEAM ACADEMY - DEMO WORK
P1.6 PLUMBING SITE PLAN - CASSELL ELEMENTARY SCHOOL - DEMO WORK
P1.7 PLUMBING SITE PLAN - CESAR CHAVEZ ELEMENTARY SCHOOL - DEMO WORK
P2.1 PLUMBING ENLARGED PLAN - DISTRICT OFFICE - NEW WORK
P2.2 PLUMBING SITE PLAN - PAINTER ELEMENTARY SCHOOL - NEW WORK
P2.3 PLUMBING SITE PLAN - CURETON ELEMENTARY SCHOOL - NEW WORK
P2.4 PLUMBING SITE PLAN - ADELANTE 1 ACADEMY - NEW WORK
P2.5 PLUMBING SITE PLAN - OCALA STEAM ACADEMY - NEW WORK
P2.6 PLUMBING SITE PLAN - CASSELL ELEMENTARY SCHOOL - NEW WORK
P2.7 PLUMBING SITE PLAN - CESAR CHAVEZ ELEMENTARY SCHOOL - NEW WORK
P3.0 PLUMBING DETAILS
PLUMBING: 16

VICINITY MAP - ADELANTE 1 ACADEMY



VICINITY MAP - PAINTER ES



PLUMBING:
A&S Engineers Inc.
111 Pine Street, Suite 1315
San Francisco, CA 94111
Sheila Saidhnia, Principal
sheilas@asincs.com
T: 415-398-0400
C: 415-794-5600

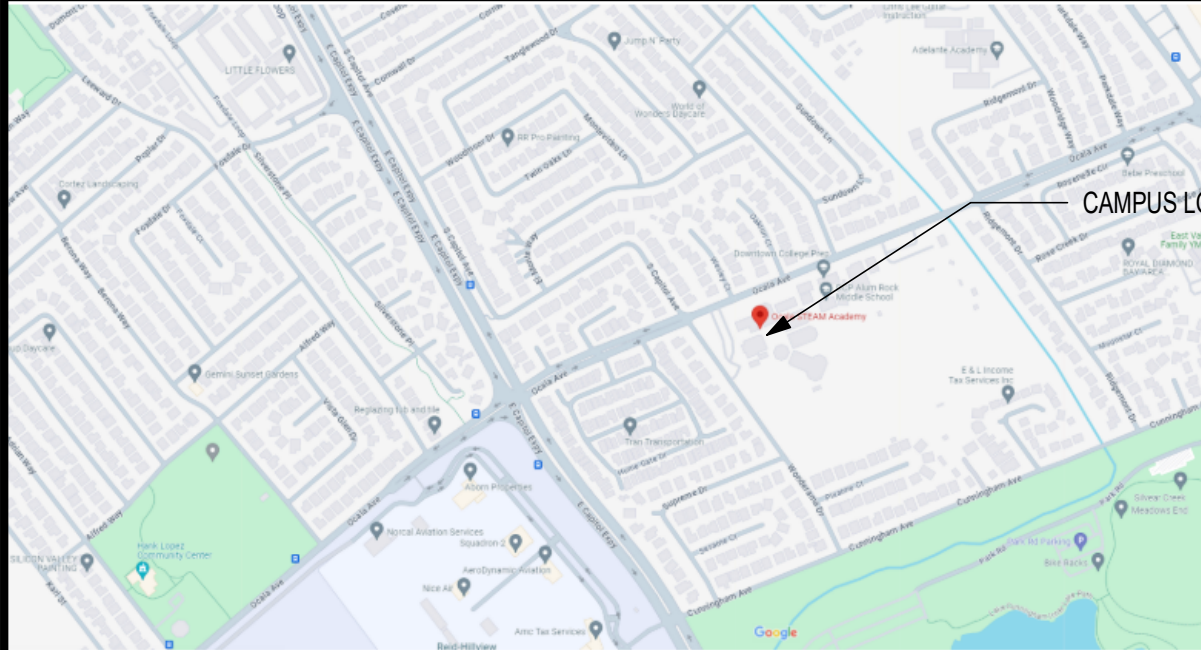
ELECTRICAL:
A&S Engineers Inc.
111 Pine Street, Suite 1315
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Mehrdad Raslegar, Elec. Engineer
mehrdadr@asincs.com
T: 415-398-0400
D: 925-937-6700 ext. 1002

SCOPE OF WORK (NOT INTENDING TO BE COMPREHENSIVE NOR INCLUSIVE)

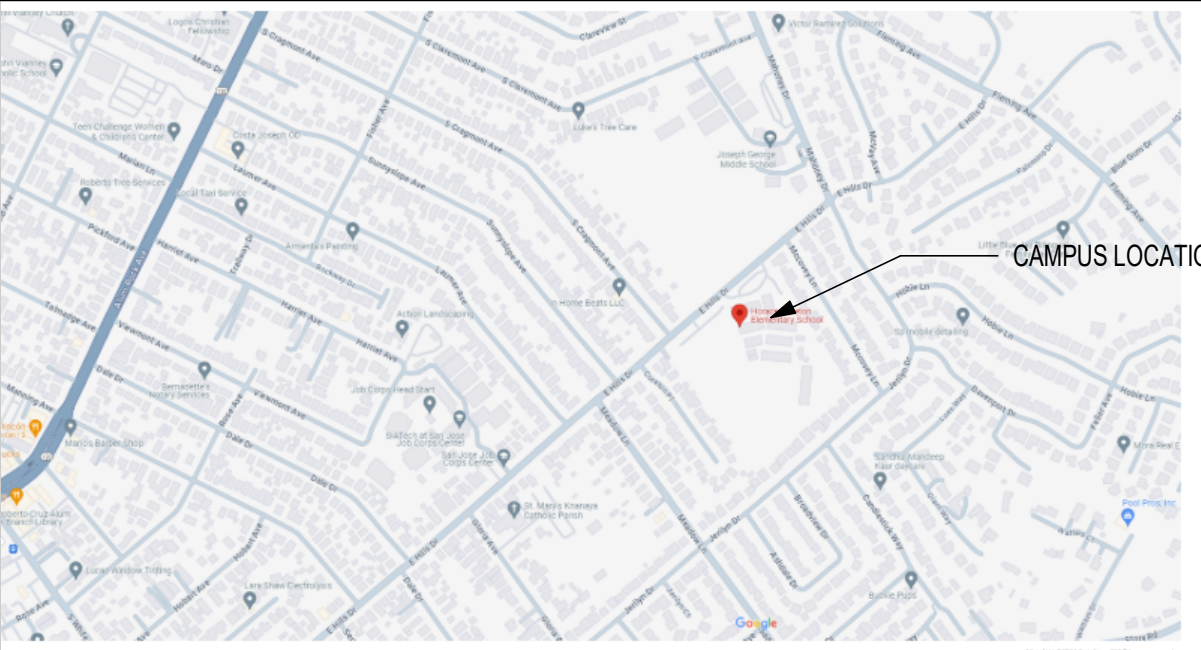
- SEWER LINE REPLACEMENT AND ASSOCIATED SITE/FLOORING WORK AT 6 CAMPUSES
- TREE REMOVAL AND REPLACEMENT AT PAINTER ELEMENTARY AND CURETON ELEMENTARY
- ADDITION OF SINK WITH HOT WATER IN EXISTING CABINETRY IN ADMINISTRATION OFFICE AT THE MAIN DISTRICT OFFICE SITE

ELECTRICAL
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E0.2 ELECTRICAL SPECIFICATIONS
E1.0 ELECTRICAL SITE PLAN - ALUM ROCK USD OFFICE
E2.0 ELECTRICAL ENLARGED PLAN - ALUM ROCK USD OFFICE - NEW WORK
E3.0 ELECTRICAL PARTIAL SINGLE LINE DIAGRAM & DETAILS
ELECTRICAL: 5
Grand total: 31

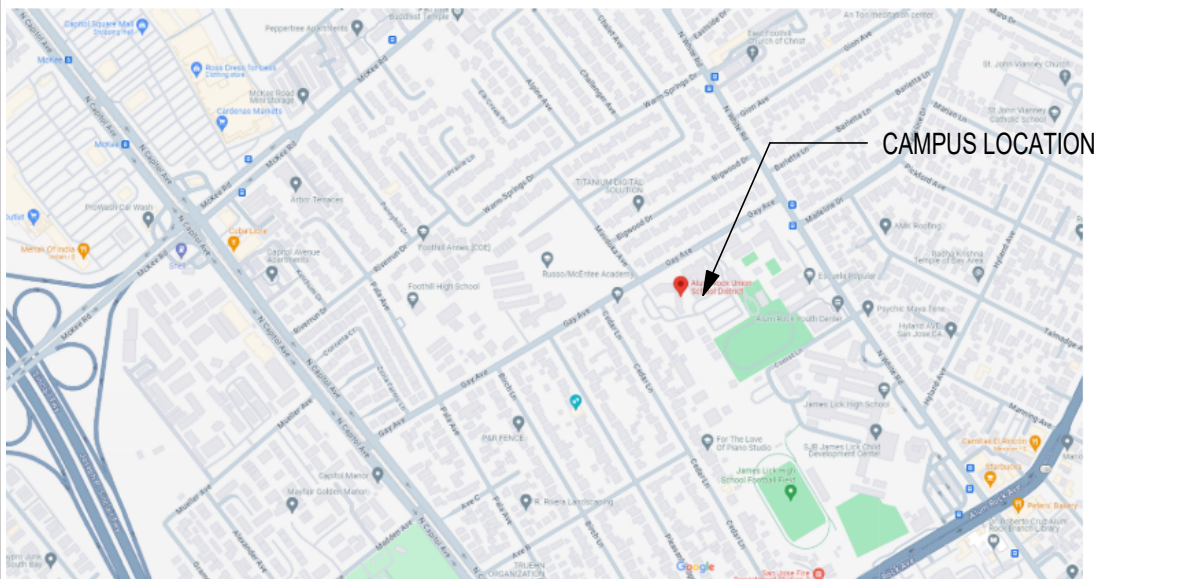
VICINITY MAP - OCALA STEAM ACADEMY



VICINITY MAP - CURETON ES



VICINITY MAP - ALUM ROCK USD ADMIN OFFICE



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

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS

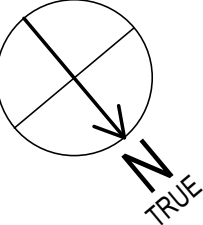
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PM: XX DSK JOB NO: XXXXX

SHEET TITLE

PROJECT DIRECTORY,
SCOPE OF WORK &
DRAWING INDEX

SHEET NUMBER

G0.01



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 SITE WHEN SHUTTING OFF UTILITIES AND STARTING
HEAVY CONSTRUCTION WORK

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
CESAR CHAVEZ ES - 2000 KAMMERER AVE., SAN JOSE

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

[illegible]

DRAFTER: Author

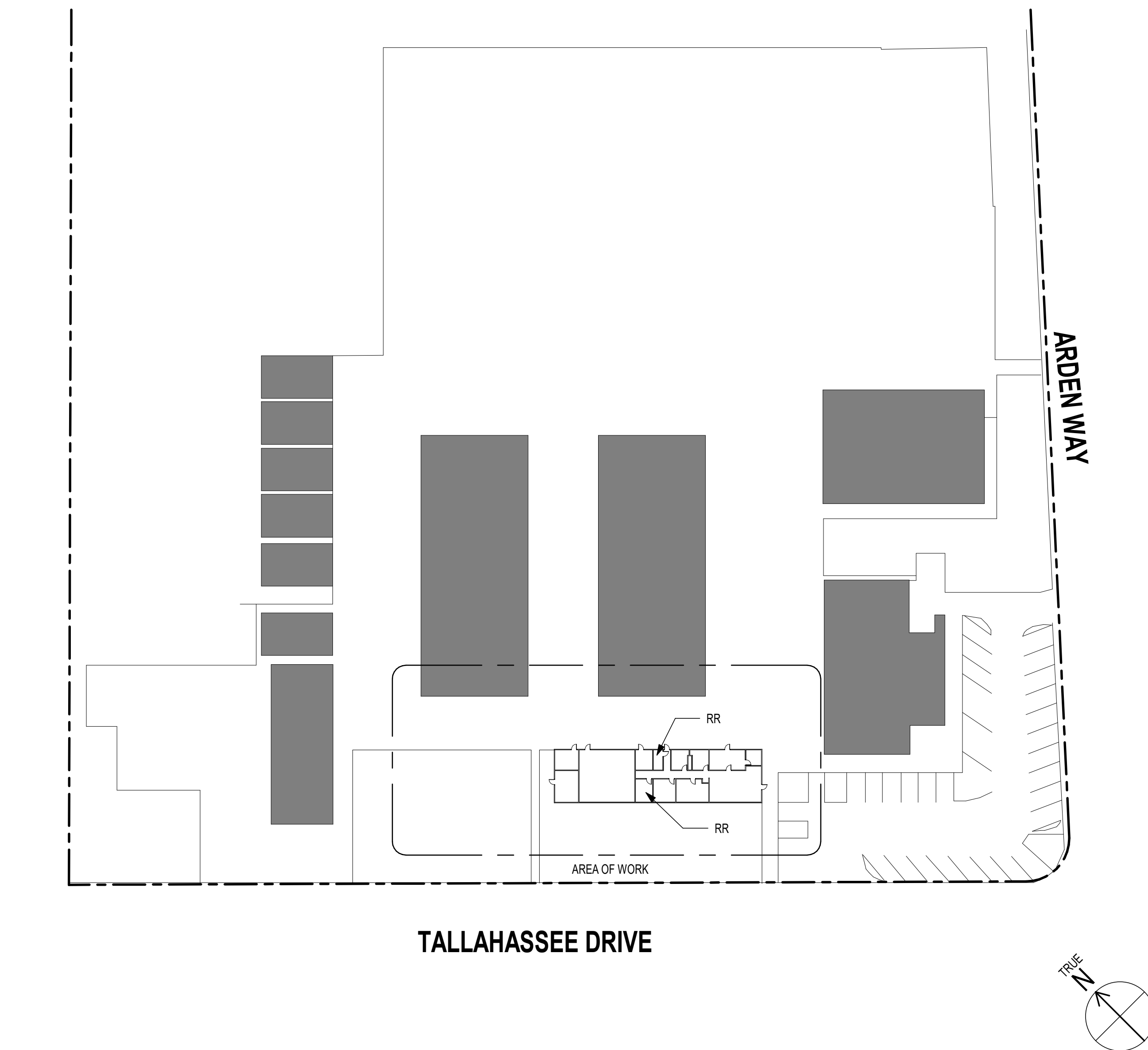
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SHEET

CESAR CHAVEZ ES - SITE PLAN

SHEET NUMBER

A1.00



1 CASSELL ES - 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 SITE WHEN SHUTTING OFF UTILITIES AND STARTING
HEAVY CONSTRUCTION WORK

AGENCY STAMP



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STAMP



CONSULTANT

PROJECT NAME

SEWER REPLACEMENT

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES
CASSELL ES - 1278 KARL ST., SAN JOSE

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

[illegible]

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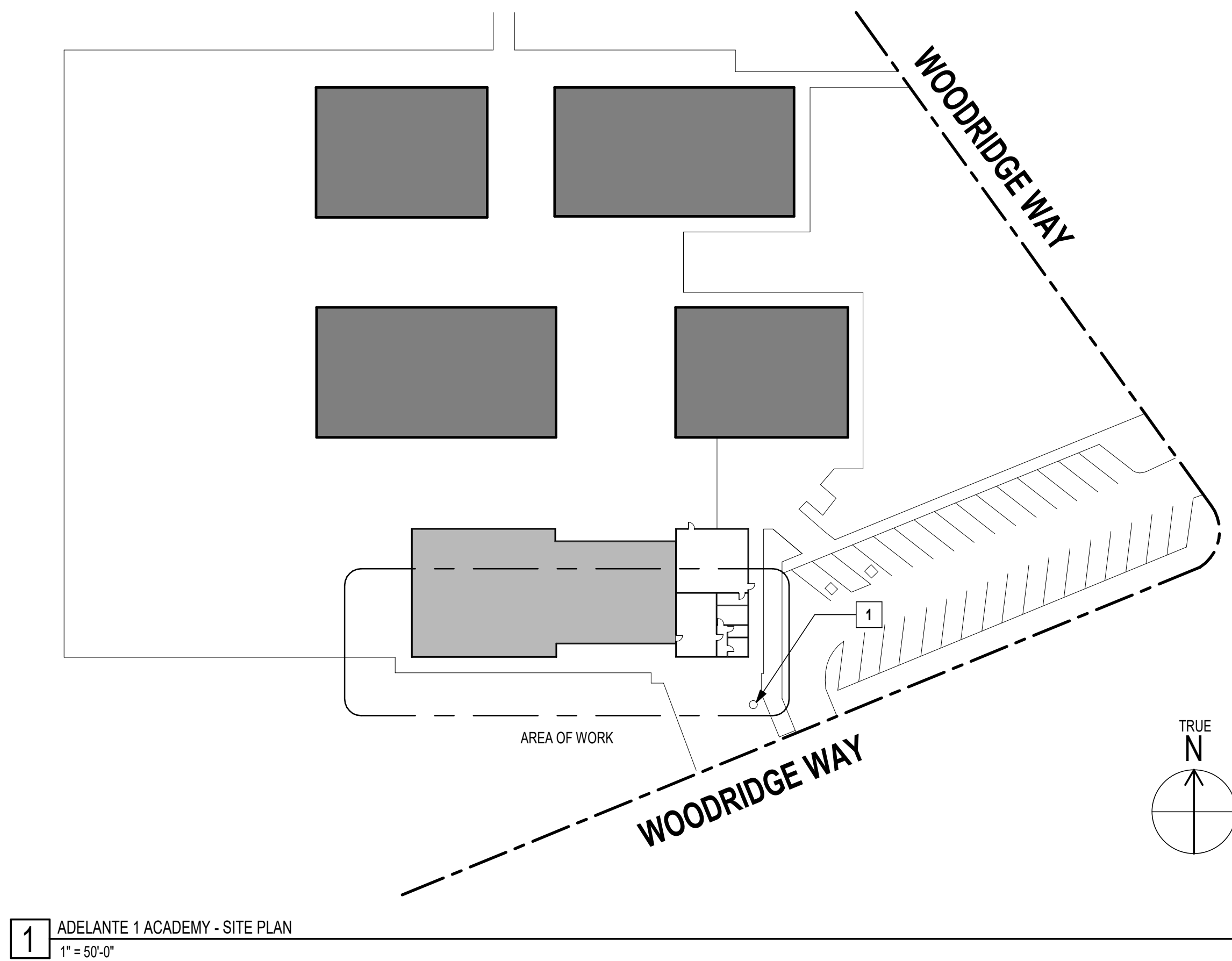
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DSK JOB NO: XXXXX

SHEET TITLE

CASSELL ES - SITE PLAN

SHEET NUMBER

A1.01



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 SITE 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
ADELANTE 1 ACADEMY - 2999 RIDGEMONT DR., SAN JOSE

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

[illegible]

DRAFTER: Author

REVIEWER: XX

PM: XX

DSK JOB NO: XXXXX

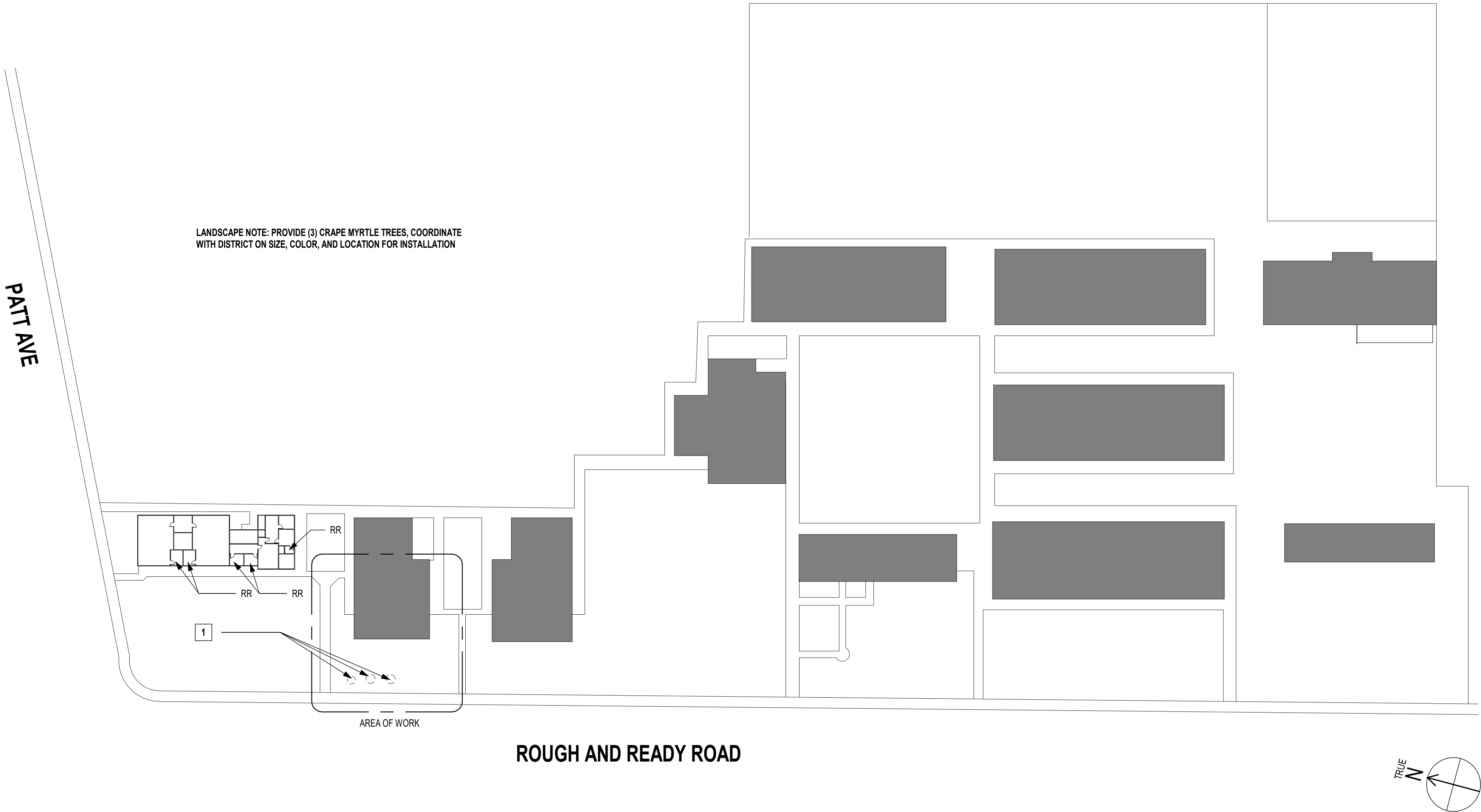
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ADELANTE 1 ACADEMY -
SITE PLAN

SHEET NUMBER

A1.02

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SHEET NOTES

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

PLAN NOTES

- 1 REMOVE EXISTING TREE AND ROOTS

1 PAINTER ES - SITE PLAN
1" = 50'-0"

AGENCY STAMP

DSA APPLICATION NO: N/A



Alum Rock Union School District
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CONSULTANT

PROJECT NAME
SEWER REPLACEMENT

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES
PAINTER ES - 500 ROUGH AND READY RD., SAN JOSE
KEY PLAN



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DATE	NO.	REVISIONS

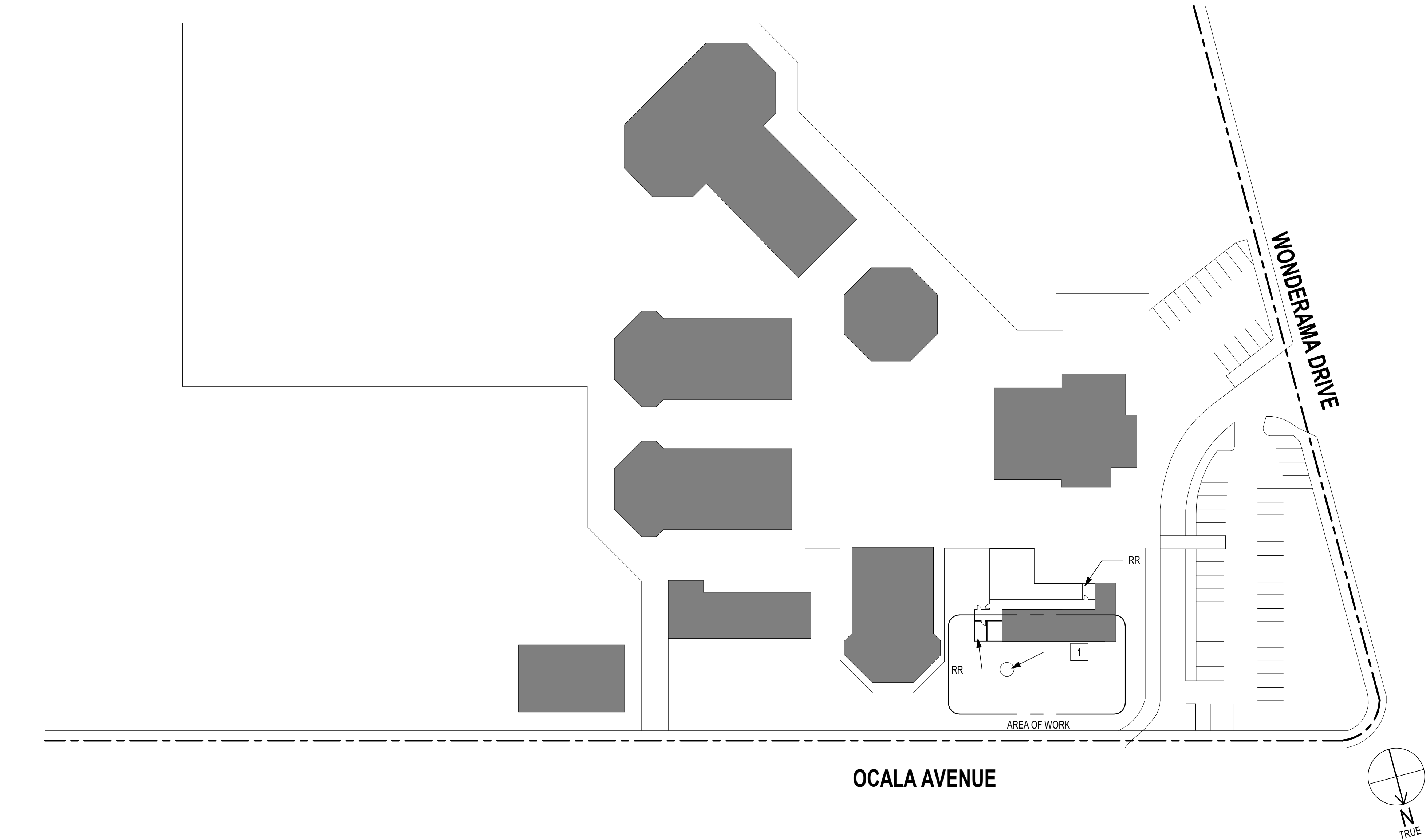
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SHEET TITLE
PAINTER ES - SITE PLAN

SHEET NUMBER

A1.03

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1 Ocala Steam Academy - SITE PLAN
1" = 50'-0"

SHEET NOTES

- SEE PLUMBING/ELECTRICAL DRAWINGS FOR EXTENT OF UTILITY WORK
- OTHER UTILITY LINES MAY BE LOCATED IN TRENCH LOCATIONS. CONTRACTOR TO USE DISCRETION WHEN DIGGING. REPAIR OF EXISTING UTILITY LINES REQUIRED WHEN DAMAGED
- RESTORE EXISTING FINISHES AFTER TRENCHING FOR PLUMBING LINES, WITH 95% COMPACTION
- COORDINATE WITH SITE 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

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PM: XX

REVIEWER: XX
DSK JOB NO: XXXXX

SHEET TITLE
OCALA STEAM ACADEMY

SHEET NUMBER

A1.04

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SHEET NOTES

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- OTHER UTILITY LINES MAY BE LOCATED IN TRENCH LOCATIONS. CONTRACTOR TO USE DISCRETION WHEN DIGGING. REPAIR OF EXISTING UTILITY LINES REQUIRED WHEN DAMAGED
- RESTORE EXISTING FINISHES AFTER TRENCHING FOR PLUMBING LINES, WITH 95% COMPACTION
- COORDINATE WITH SITE WHEN SHUTTING OFF UTILITIES AND STARTING HEAVY CONSTRUCTION WORK

PLAN NOTES

- 1** REMOVE EXISTING TREE AND ROOTS

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
CURETON ES - 3720 E. HILLS DR., SAN JOSE**

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS

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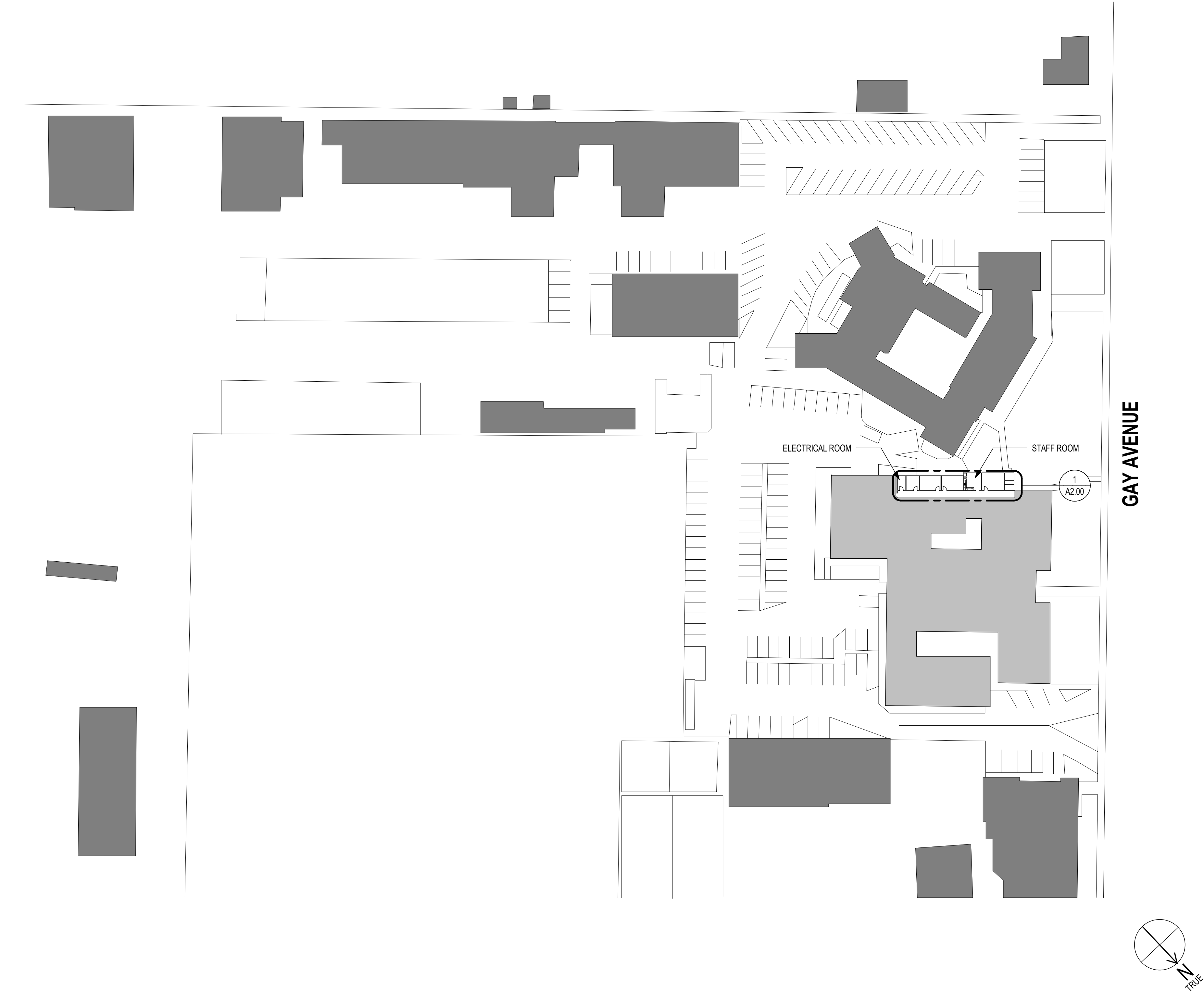
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**CURETON ELEMENTARY
SCHOOL**

SHEET NUMBER

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1 ALUM ROCK USD - DISTRICT OFFICE
1" = 50'-0"

SHEET NOTES

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

AGENCY STAMP

DSA APPLICATION NO: N/A



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t: 805.541.4864 / c: 805.459.0806

STAMP



CONSULTANT

PROJECT NAME
SEWER REPLACEMENT

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES
DISTRICT OFFICE - 2930 GAY AVE., SAN JOSE

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD		
DATE	NO.	REVISIONS

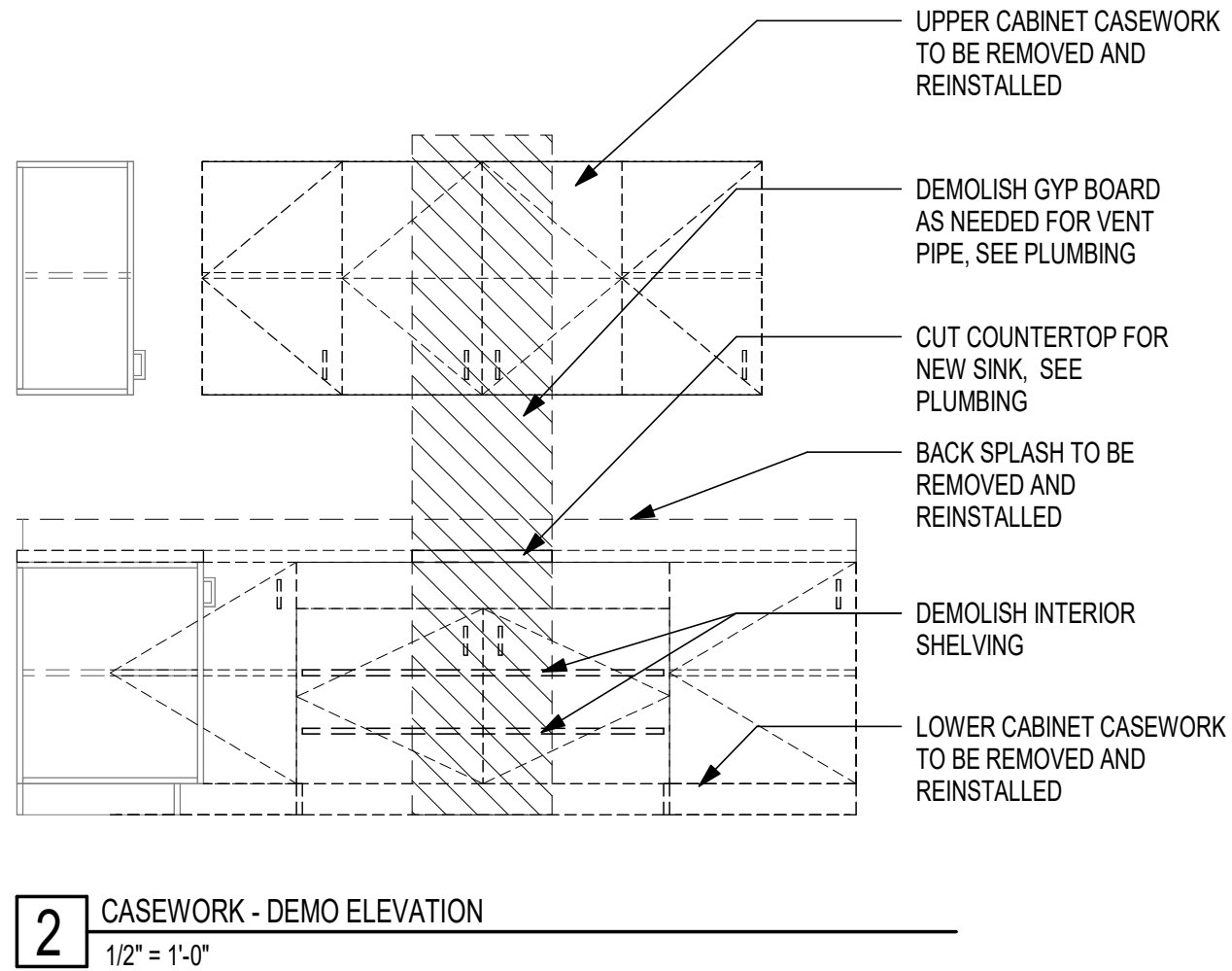
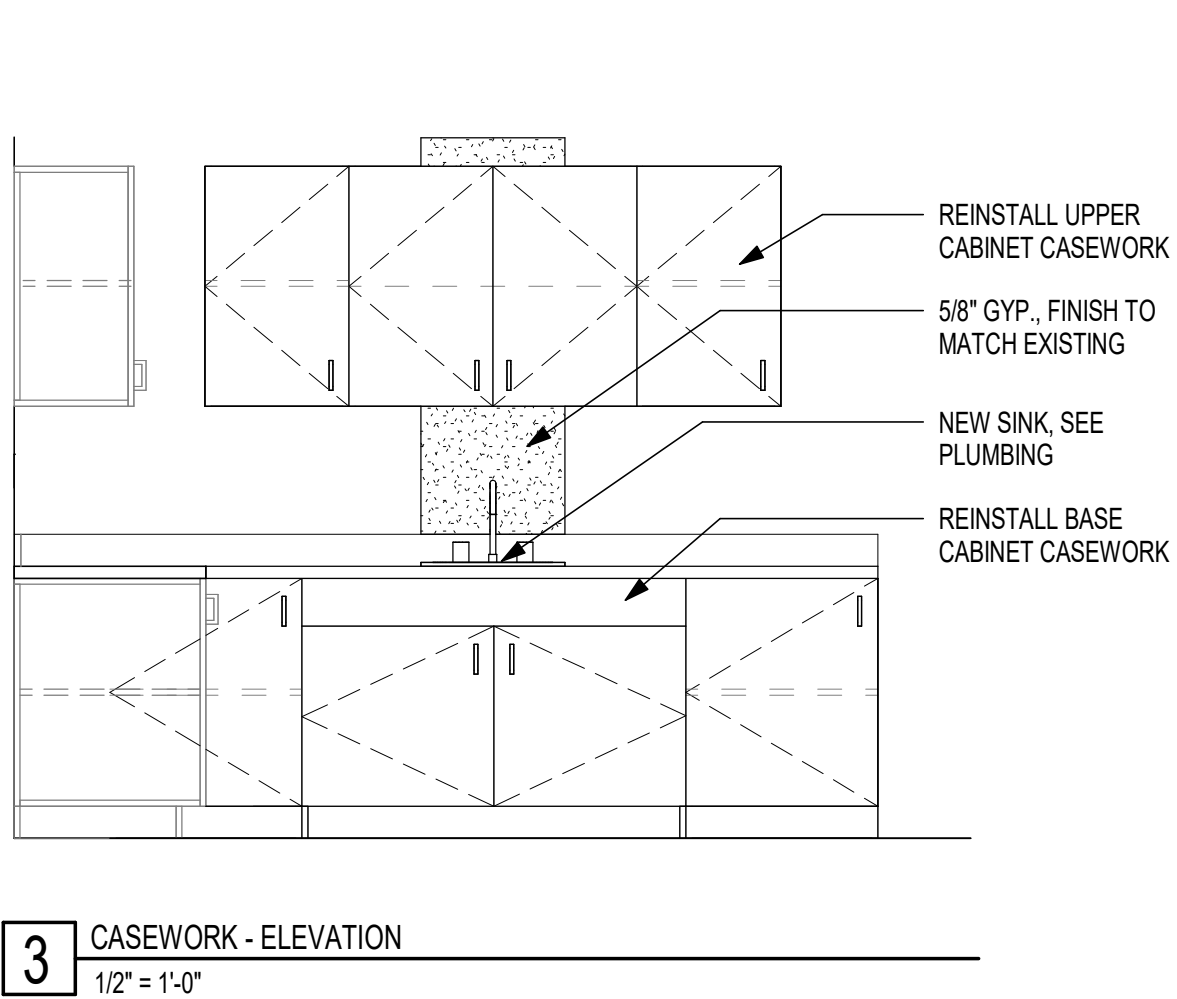
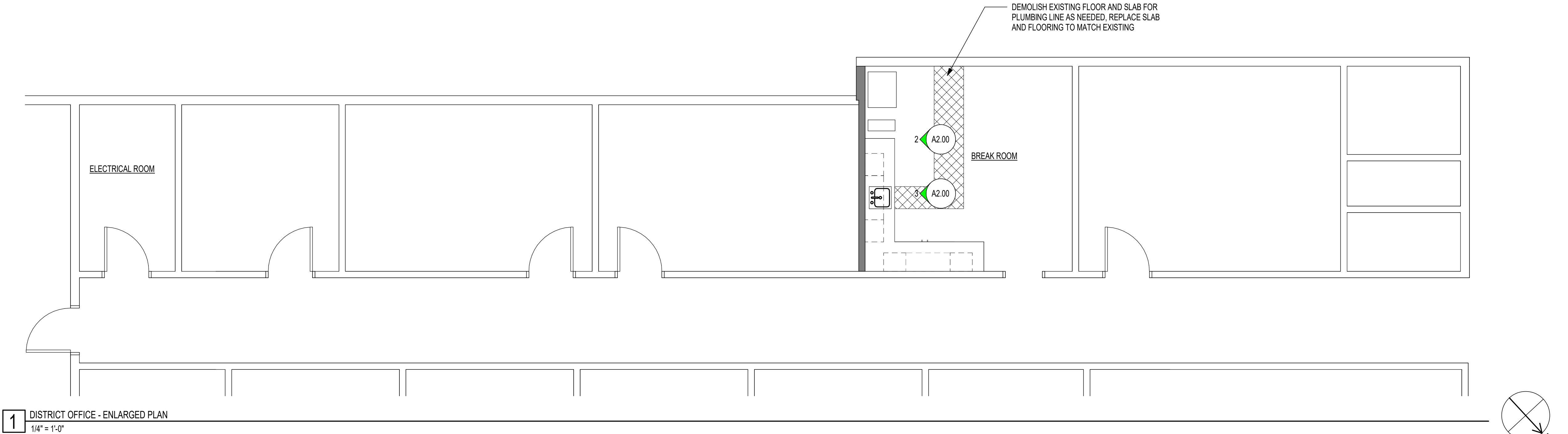
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SHEET TITLE
ALUM ROCK USD
DISTRICT OFFICE

SHEET NUMBER

A1.06

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SHEET NOTES

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

AGENCY STAMP

DSA APPLICATION NO: N/A



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663 Hill Street, San Luis Obispo, CA 93405
t: 805.541.4864 / c: 805.459.0806

STAMP



CONSULTANT

PROJECT NAME

SEWER REPLACEMENT

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES
DISTRICT OFFICE - 2930 GAY AVE., SAN JOSE

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS

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PM: XX DSK JOB NO: XXXXX

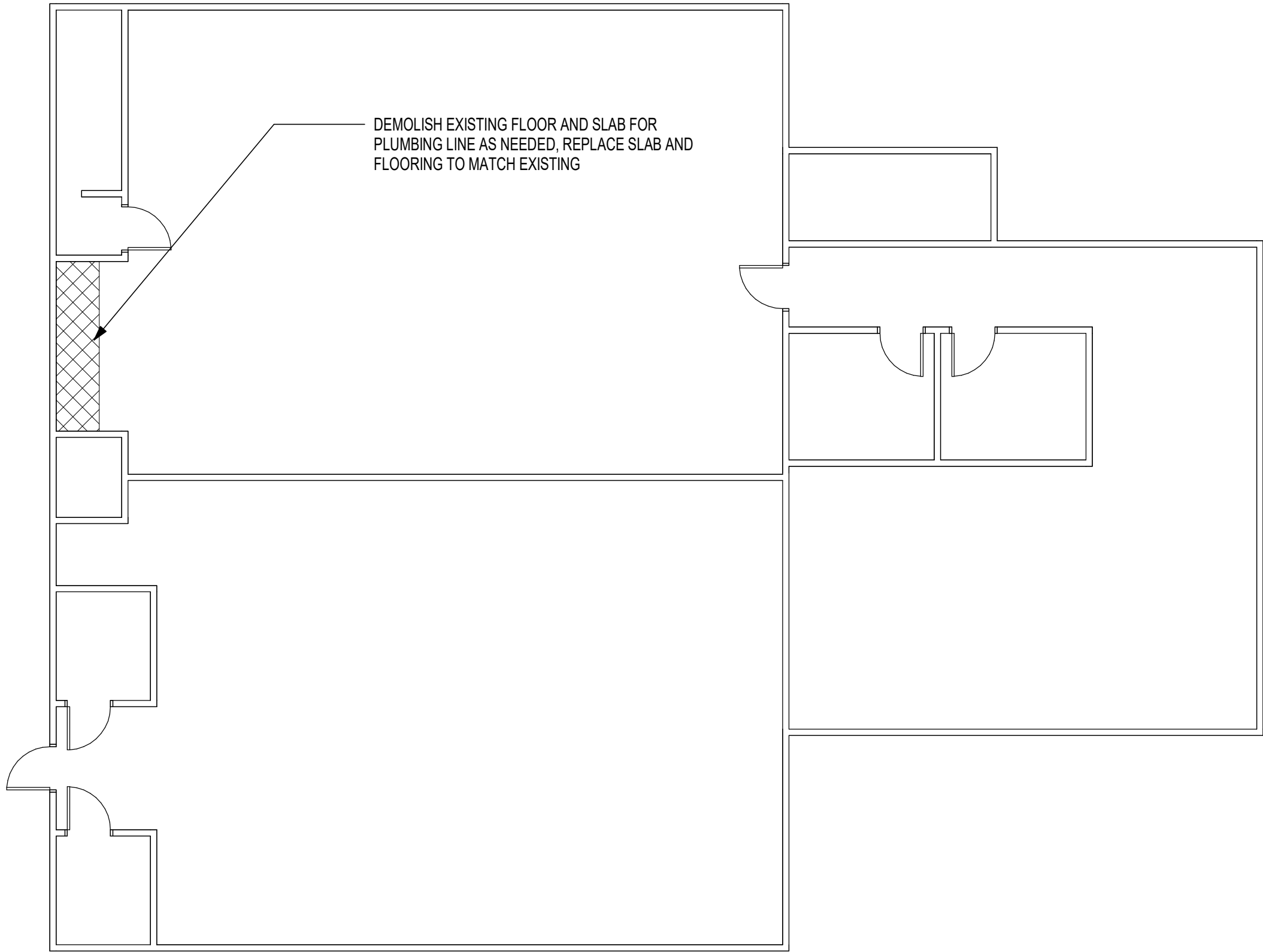
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ENLARGED DISTRICT
OFFICE PLAN

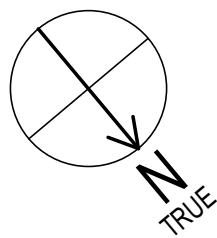
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1 CESAR CHAVEZ ES - FLOOR PLAN
1/8" = 1'-0"



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

AGENCY STAMP

DSA APPLICATION NO: N/A



Alum Rock Union School District

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PROJECT NAME
SEWER REPLACEMENT

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD		
DATE	NO.	REVISIONS

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

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	CCF	PIPING 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
		FFE	FINISH FLOOR ELEVATION
		FT	FEET
		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
		PD	PRESSURE DRAIN
		PVC	POLYVINYL CHLORIDE
		SK	SINK
		S or W	SOIL OR WASTE PIPING
		SD	STORM DRAIN PIPING
		SO.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									
NOTE: "OUTSIDE" COLUMN IS TO 5'-0" OUT SIDE BLDG.									
SERVICE	MATERIAL	-	-	-	-	-	-	-	REMARKS
				COPPER TYPE L 95/5 SOLDER	BLACK STEEL SCH 40	COPPER TYPE L SILVER SOLDER	CAST IRON SOIL OR COPPER DWV SILVER SOLDER	PIPE & FITTING BRONZE FITTING B-819 MFR 98 OR CLEAN TO ASTM SOLDER DOUBLE WALL 80 GRADE ASTM B-88, B-280 SILVER SOLDER	
WATER (CW) (HW) (IRR)	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: SANITARY SEWER PIPE 5'-0" OUTSIDE THE BUILDING, USE ABS WHEN BURIED 3'-0" OR LESS, AND PVC C-900 FOR DEEPER PIPE.

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	1"=50'-0"	
P1.2	PLUMBING SITE PLAN - PAINTER ELEMENTARY SCHOOL	1"=50'-0"	
P1.3	PLUMBING SITE PLAN - CURETON ELEMENTARY SCHOOL	1"=50'-0"	
P1.4	PLUMBING SITE PLAN - ADELANTE 1 ACADEMY	1"=50'-0"	
P1.5	PLUMBING SITE PLAN - OCALA STEAM ACADEMY	1"=50'-0"	
P1.6	PLUMBING SITE PLAN - CASSELL ELEMENTARY SCHOOL	1"=50'-0"	
P1.7	PLUMBING SITE PLAN - CESAR CHAVEZ ELEMENTARY SCHOOL	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"	
P2.3	PLUMBING SITE PLAN - CURETON 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"	
P2.6	PLUMBING SITE PLAN - CASSELL ELEMENTARY SCHOOL - 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 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 SEDR 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 (WASIN 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	CFH	REMARKS
			DIR.	INDIR.					QTY		
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.

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.

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 SUBJECTED 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 SANTARY 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.



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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

[illegible]

DRAFTER: Author
PM: XX

REVIEWER: XX
DSK JOB NO: XXXXX

SHEET TITLE

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

SHEET NUMBER

P0.1

1. 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.

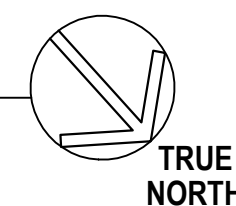
- SHEET NOTES:

- ① SEE ENLARGED PLAN FOR WORK IN THIS AREA.
- ② POINT OF CONNECTION TO (N) 2" SS FROM (N) SK-1.
- ③ SEE P2.1 FOR CONTINUATION.



1

SCALE: 1"=50'-0"



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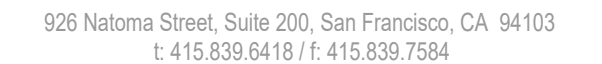
KEY PLAN

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SHEET TITLE

SHEET NUMBER

P1.1



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ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES

KEY PLAN



DRAFTER: Author

DRAFTER: Author

REVIEWER: XX

PM: XX

DSK JOB NO: XXXXX

SHEET TITLE

PILING SITE PLAN -

BINDING SITE

CURETON

SECRET
ELEMENTARY COLLOC

ELEMENTARY SCHOOL

SHEET NUMBER

P1.3

1. 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.

2. 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.

3. 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.

4. 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.

5. FIELD VERIFY (E) CONDITION (PIPE SIZE, VALVE, LOCATION, ETC.) PRIOR TO ANY DEMOLITION OR NEW WORK.

6. FIELD VERIFY THE PIPE LENGTH. THE SCALE SHOWN HERE IS APPROXIMATE.

7. PIPE SIZE AND LOCATIONS ARE BASED ON RECORD DWG AND CAMERA INVESTIGATION DATED 2/1/2024

- 1 REMOVE (E) SS. VERIFY (E) PIPE SLOPE AND FLOW DIRECTION TOWARD TERMINATION POINT.

② USE (E) SS LINE PATH/TRENCHING FOR THE NEW SS LINE. VERIFY IN FIELD THE EXACT ROUTING AND PATH PRIOR TO ANY DEMO OR NEW WORK.

③ SEE ARCH. DWGS FOR REMOVING OF (E
TREE AND ASSOCIATED ROOTS WHICH ARE
IN CONFLICT WITH SS ROUTING.



1 SCALE: 1"=50'-0"



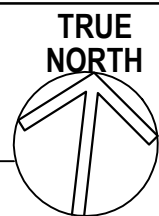
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- SHEET NOTES:

- # PLUMBING SITE PLAN - ADELANTE 1 ACADEMY - DEMO WORK

SCALE: 1"=50'-0"

MINI SLOPE OF WASTE LINE PER RECORD DRAWINGS:
INTERIOR: 1/4"/FT
EXTERIOR: 0.08"/FT



AGENCY STAMP

DSA APPLICATION NO: N/A



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ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

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SHEET TITLE

PLUMBING SITE PLAN -
ADELANTE 1 ACADEMY -
DEMO WORK

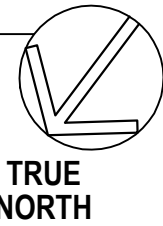
SHEET NUMBER

P1.4

1. 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.
2. 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.
3. 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.
4. 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.
5. FIELD VERIFY (E) CONDITION (PIPE SIZE, VALVE, LOCATION, ETC.) PRIOR TO ANY DEMOLITION OR NEW WORK.
6. FIELD VERIFY THE PIPE LENGTH. THE SCALE SHOWN HERE IS APPROXIMATE.
7. PIPE SIZE AND LOCATIONS ARE BASED ON RECORD DWG AND CAMERA INVESTIGATION DATED 2/1/2024

- ① REMOVE (E) SS. VERIFY (E) PIPE SLOPE, AND FLOW DIRECTION TOWARD TERMINATION POINT.
- ② USE (E) SS LINE PATH/TRENCHING FOR THE NEW SS LINE. VERIFY IN FIELD THE EXACT ROUTING AND PATH PRIOR TO ANY DEMO OR NEW WORK.
- ③ SEE ARCH. DWGS FOR TREE LOCATION.
- ④ (E) 6"SS PIPE BG. VERIFY (E) SIZE, SLOPE (I.E.), MATERIAL, AND ROUTING PRIOR TO ANY DEMO OR NEW WORK.
- ⑤ SURVEY THE EXISTING UTILITY LINES IN AREA OF WORK. COORDINATE (E) UTILITY LINE WITH NEW WORK AND PROVIDE THE DISTANCES REQUIRED. REPAIR ANY DAMAGE TO (E) UTILITY LINES DUE TO THIS WORK.

1 SCALE: 1"=50'-0"



NSA APPLICATION NO: N/A



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SEWER REPLACEMENT

FACILITY INFO
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PROJECT
NORTH

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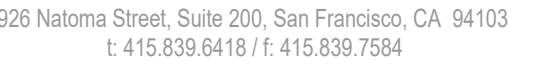
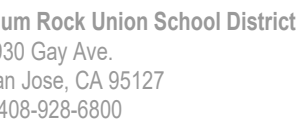
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PLUMBING SITE
PLAN - OCALA
STEAM ACADEMY -
DEMO WORK

SHEET NUMBER

P1.5



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KEY PLAN



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SHEET TITLE

PLUMBING SITE PLAN -
CASSELL
ELEMENTARY SCHOOL
- DEMO WORK

SHEET NUMBER

P1.6

1. 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.

2. 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.

3. 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.

4. 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.

5. FIELD VERIFY (E) CONDITION (PIPE SIZE, VALVE, LOCATION, ETC.) PRIOR TO ANY DEMOLITION OR NEW WORK.

6. FIELD VERIFY THE PIPE LENGTH. THE SCALE SHOWN HERE IS APPROXIMATE.

7. PIPE SIZE AND LOCATIONS ARE BASED
ON RECORD DWG AND CAMERA
INVESTIGATION DATED 2/1/2024

① REMOVE (E) SS. VERIFY (E) PIPE AND FLOW DIRECTION TOWARD TERMINATION POINT.

② USE (E) SS LINE PATH/TRENCHING FOR THE NEW SS LINE. VERIFY IN FIELD THE EXACT ROUTING AND PATH PRIOR TO ANY DEMO OR NEW WORK.

③ REMOVE (E) SS LINE INSIDE THE BUILDING. VERIFY (E) ROUTING, SIZE PRIOR TO ANY DEMO OR (N) WORK.



PLUMBING SITE PLAN - CASSELL ELEMENTARY SCHOOL - DEMO WORK

SCALE: 1"=50'-0"

1. 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.

2. 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.

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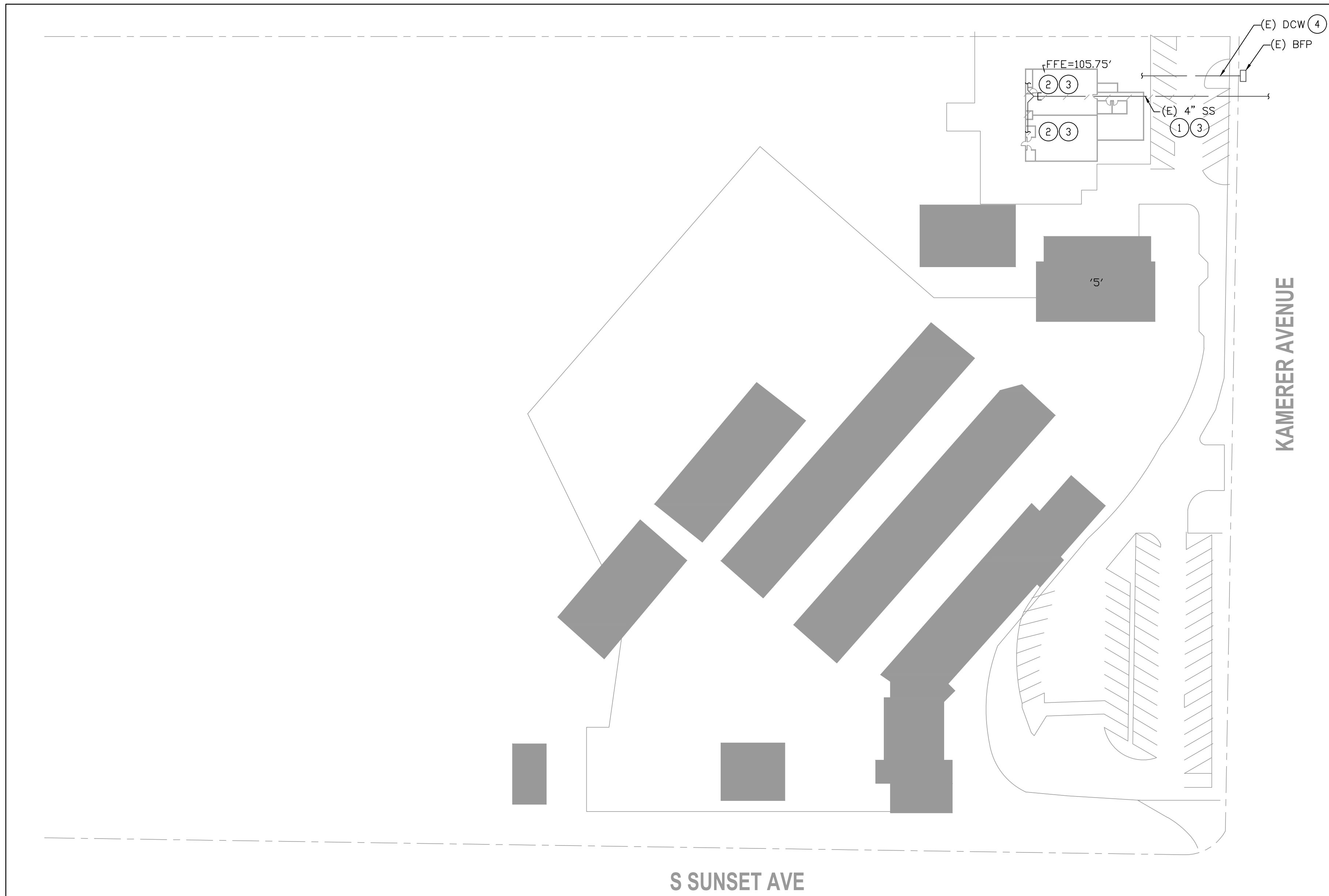
7. PIPE SIZE AND LOCATIONS ARE BASED
ON RECORD DWG AND CAMERA
INVESTIGATION DATED 2/1/2024

① (E) 4" SS BG. VERIFY IN FIELD; SIZE, MATERIAL, ROUTING AND SLOPE OF THE (E) LINE.

- ② VERIFY (E) SS LINE SERVING THE RESTROOM IN TOW PRE-SCHOOL CLASS ROOM.

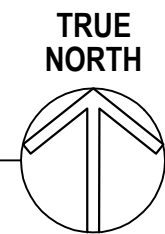
- ③ REMOVE (E) SS LINE.(E)

- 4 SURVEY THE EXISTING UTILITY LINES IN AREA OF WORK. COORDINATE (E) UTILITY LINE WITH NEW WORK AND PROVIDE THE DISTANCES REQUIRED. REPAIR ANY DAMAGE TO (E) UTILITY LINES DUE TO THIS WORK.



1

SCALE: 1"=50'-0"



AGENCY STAMP

DSA APPLICATION NO: N/A



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www.asinccs.com
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

[illegible]

DRAFTER: Author
PM: XX

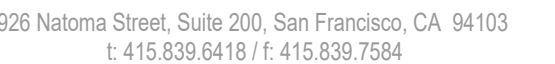
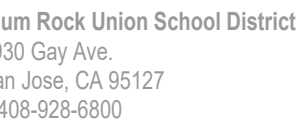
REVIEWER: X
DSK JOB NO: XXXX

SHEET TITLE

PLUMBING SITE PLAN - CESAR
CHAVEZ ELEMENTARY
SCHOOL - DEMO WORK

SHEET NUMBER

P1.7



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PROJECT NAME

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DRAFTER: Author
PM: XX

REVIEWER: XX
DSK JOB NO: XXXXX

SHEET TITLE

SHEET NUMBER

P2.1

1. 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.

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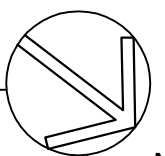
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5. FIELD VERIFY (E) CONDITION (PIPE SIZE, VALVE, LOCATION, ETC.) PRIOR TO ANY DEMOLITION OR NEW WORK.

6. FIELD VERIFY THE PIPE LENGTH. THE SCALE SHOWN HERE IS APPROXIMATE.

7. PIPE SIZE AND LOCATIONS ARE BASED
ON RECORD DWG AND CAMERA
INVESTIGATION DATED 2/1/2024

- 1 (N) BREAK RM SINK AND ASSOCIATED FAUCET. SEE SCHEDULE FOR TYPE AND SIZE.
- 2 (N) INSTANT. HOT WATER HEATER UNDER SINK IN CABINET SEE SCHEDULE FOR TYPE AND SIZE.
- 3 POINT OF CONNECTION TO (E) DOMESTIC COLD WATER LINE IN CEILING.
- 4 VERIFY (E) SIZE AND LOCATION PRIOR TO ANY (N) CONNECTION.
- 5 (N) 2" SS LINE BF. TIE TO (E) 4"SS LINE OUTSIDE. SEE P1.1. CONNECT 1-1/2" V FROM (N) SK-1 TO (E) VENT LINE OF SAME SIZE OR LARGER IN CEILING. 1/4" /FT SLOPE TOWARD TERMINATION POINT.



TRUE
NORTH

[illegible]

NOTES:

1- ALL HOT WATER AND DRAIN PIPES SHALL BE INSULATED.

2- THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES/SINKS.

3- FORCE TO ACTIVATE FAUCET CONTROLS SHALL BE NO GREATER THAN 5 LBS.

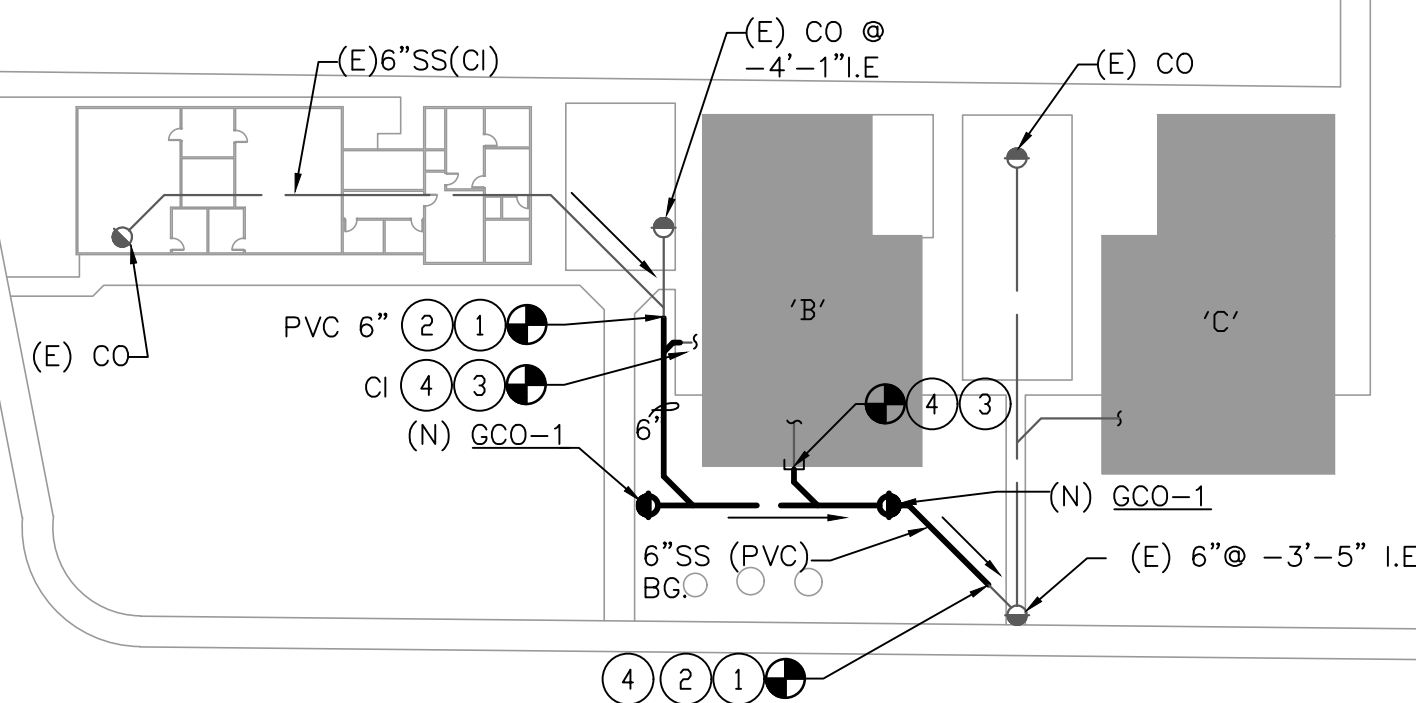
4- COMPLY W/ CA AB 1953 LEAD PLUMBING
LAW.

CODE	MANUFACTURER	LOCATION	SERVICE		STORAGE CAPACITY GALLONS	WORKING PRESSURE	KW	VOLT	PHASE	GPM - @60°REE	WEIGHT (lbs)	REMARKS
			WATER									
			IN	OUT								
IEWH-1	CHRONOMITE MODEL: CMI-30L-208	UNDER SINK	60	110	0		6.3	208	1	0.75	10	

NOTES: SET TEMPERATURE FOR 110°F. MOUNT ON THE CABINET WALL BELOW SINK PER MFR'S RECOMMENDATIONS.

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6. FIELD VERIFY THE PIPE LENGTH. THE SCALE SHOWN HERE IS APPROXIMATE.
7. PIPE SIZE AND LOCATIONS ARE BASED ON RECORD DWG AND CAMERA INVESTIGATION DATED 2/1/2024

- ① POINT OF CONNECTION TO (E) 6" SS (PVC). SLOPE 1/8"FT TOWARD TERMINATION POINT.
- ② USE (E) SS ROUTING TRENCHING FOR (N) SS LINE.
- ③ POINT OF CONNECTION TO (E) SS LINE INTO THE BUILDING. VERIFY SIZE, MATERIAL, AND I.E. PRIOR TO ANY NEW CONNECTION. CI PIPE MATERIAL FOR INSIDE THE BUILDING (TYP)
- ④ MAKE PROPER TRANSITION(FITTINGS, JOINTS) FOR DIFFERENT PIPE MATERIAL(PVC, CI, CLAY).



1

TRUE
NORTH

MINI SLOPE OF WASTE LINE PER RECORD DRAWINGS:
INTERIOR: 1/4"/FT
EXTERIOR: 0.08"/FT

P2.2



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TEL: 925-937-6700
www.asinco.com
PROJECT NUMBER: 023-054

SEWER REPLACEMENT

KEY PLAN

[illegible]

SHEET TITLE

SHEET NUMBER

P2.4

1. 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.

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7. PIPE SIZE AND LOCATIONS ARE BASED
ON RECORD DWG AND CAMERA
INVESTIGATION DATED 2/1/2024

① POINT OF CONNECTION TO (E) SS. SLOPE TOWARD TERMINATION POINT. CI PIPE FOR INSIDE BUILDING.

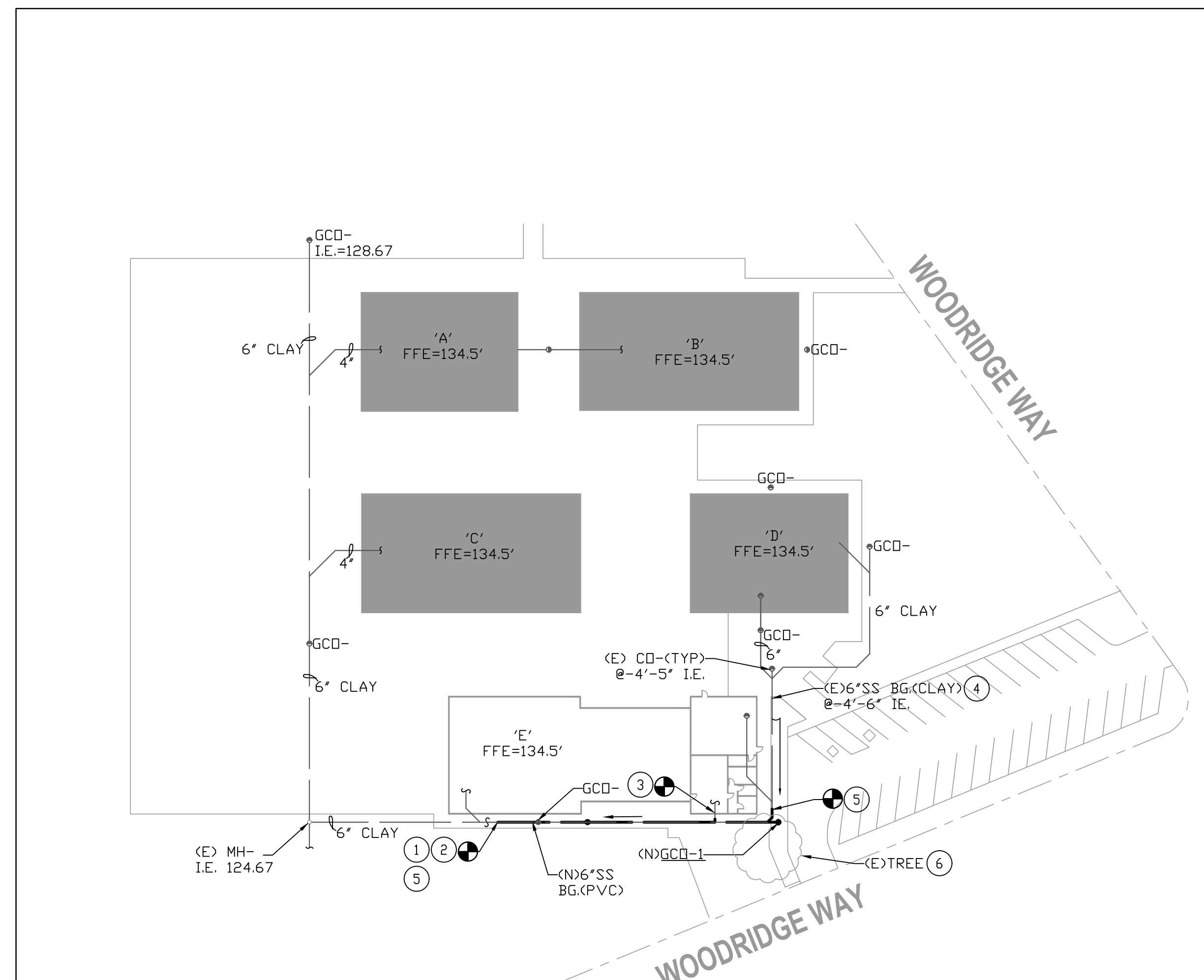
② USE (E) SS ROUTING TRENCHING FOR (N) SS LINE.

③ POINT OF CONNECTION TO (E) SS BRANCH INTO THE BLDG. VERIFY SIZE, MATERIAL AND I.E PRIOR TO ANY NEW CONNECTION.

④ CLEAN (E) 6" SS (CLAY) PIPE OF ANY TREE ROOTS' INTRUSION AS SHOWN ON THE VIDEO CAMERA INVESTIGATION.

5 MAKE PROPER TRANSITION FOR DIFFERENT PIPE MATERIAL (PVC, CI, CLAY).

6 COORDINATE THE NEW SS LOCATION WITH THE (E) TREE ROOT BARRIER CONSTRUCTION. SEE ARCH DWGS FOR (E) TREE ROOT MODIFICATIONS.



PLUMBING SITE PLAN - ADELANTE 1 ACADEMY - NEW WORK

SCALE: 1"=50'-0"

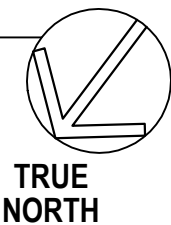
SS PIPE SLOPE

MINI SLOPE OF WASTE LINE PER RECORD DRAWINGS: INTERIOR: 1/4"/FT EXTERIOR: 0.08"/FT
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1. 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 FOOTING FOUNDATION WALLS OR FLOORING AND INSTALL PIPE SLEEVES PER STRUCTURAL DETAILS.
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6. FIELD VERIFY THE PIPE LENGTH. THE SCALE SHOWN HERE IS APPROXIMATE.
7. PIPE SIZE AND LOCATIONS ARE BASED ON RECORD DWG AND CAMERA INVESTIGATION DATED 2/1/2024

- 1 POINT OF CONNECTION TO (E) SS. SLOPE TOWARD TERMINATION POINT.
- 2 USE (E) SS ROUTING TRENCHING FOR (N) SS LINE.
- 3 POINT OF CONNECTION TO (E) SS BRANCH INTO THE BLDG. VERIFY SIZE , MATERIAL, LOCATION PRIOR TO ANY NEW CONNECTION. CI FOR INSIDE.
- 4 MAKE PROPER TRANSITION FOR DIFFERENT PIPE MATERIAL(PVC, CI, CLAY).
- 5 COORDINATE THE NEW SS LOCATION WITH THE (E) TREE ROOT BARRIER CONSTRUCTION. SEE ARCH DWGS FOR (E) TREE ROOT MODIFICATIONS.
- 6 SURVEY THE EXISTING UTILITY LINES IN AREA OF WORK. COORDINATE (E) UTILITY LINE WITH NEW WORK AND PROVIDE THE DISTANCES REQUIRED. REPAIR ANY DAMAGE TO (E) UTILITY LINES DUE TO THIS WORK.

1 SCALE: 1"=50'-0"



SS PIPE SLOPE
MINI SLOPE OF WASTE LINE PER RECORD DRAWINGS:
INTERIOR: 1/4"/FT
EXTERIOR: 0.08"/FT

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NSA APPLICATION NO: N/A



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PROJECT NUMBER: 023-054

SEWER REPLACEMENT

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES



PROJECT ISSUE DATE: YYYY/MM/DD

[illegible]

DRAFTER: Author
PM: XX

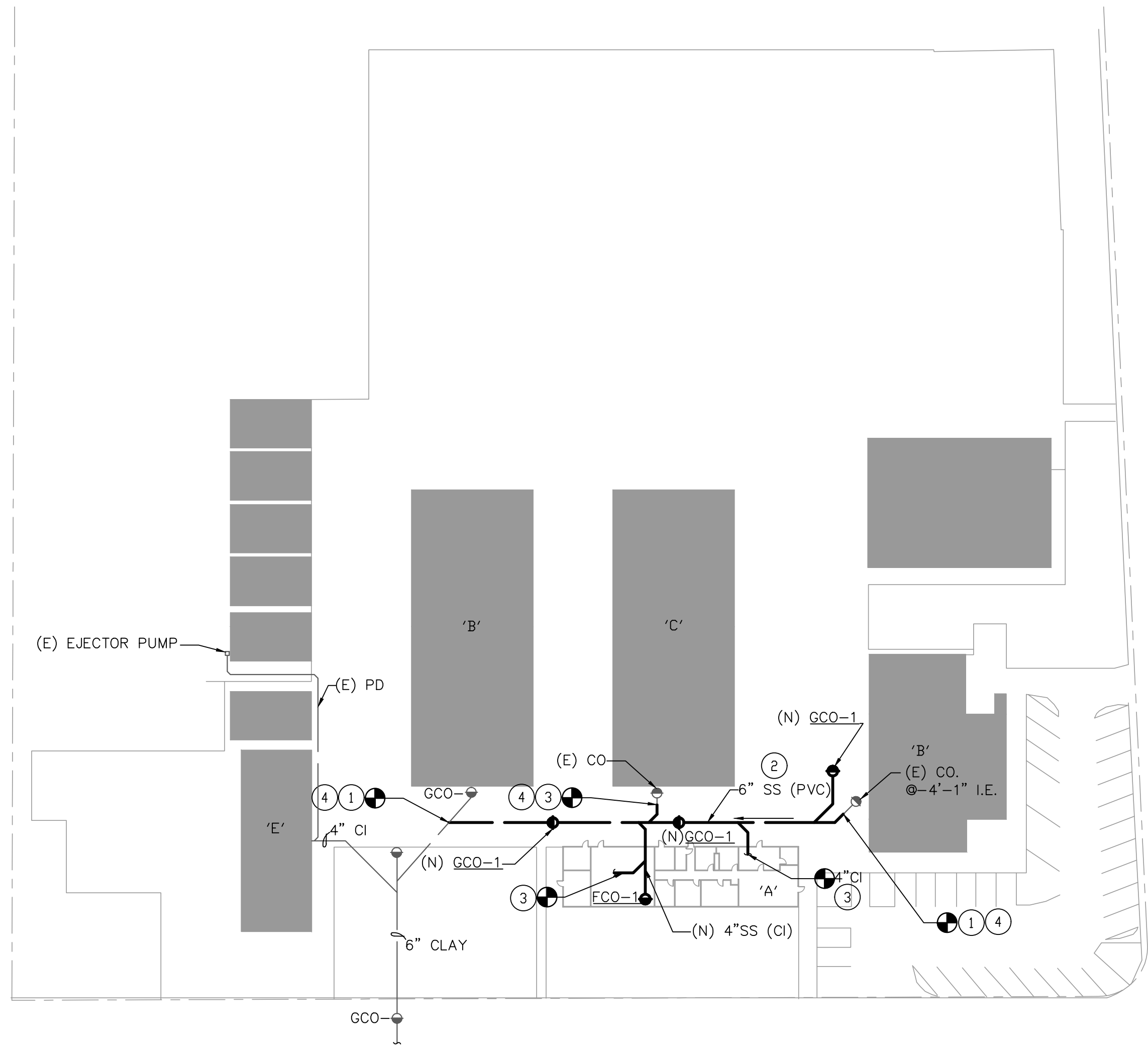
REVIEWER: XX
DSK JOB NO: XXXXX

PLUMBING SITE
PLAN - OCALA
STEAM ACADEMY -
NEW WORK

SHEET NUMBER

P2.5

④ MAKE PROPER TRANSITION(FITTINGS, JOINTS) FOR DIFFERENT PIPE MATERIAL(PVC, CI, CLAY).



1 SCALE: 1"=50'-0"

SS PIPE SLOPE
MINI SLOPE OF WASTE LINE PER RECORD DRAWINGS: INTERIOR: 1/4"/FT EXTERIOR: 0.08"/FT

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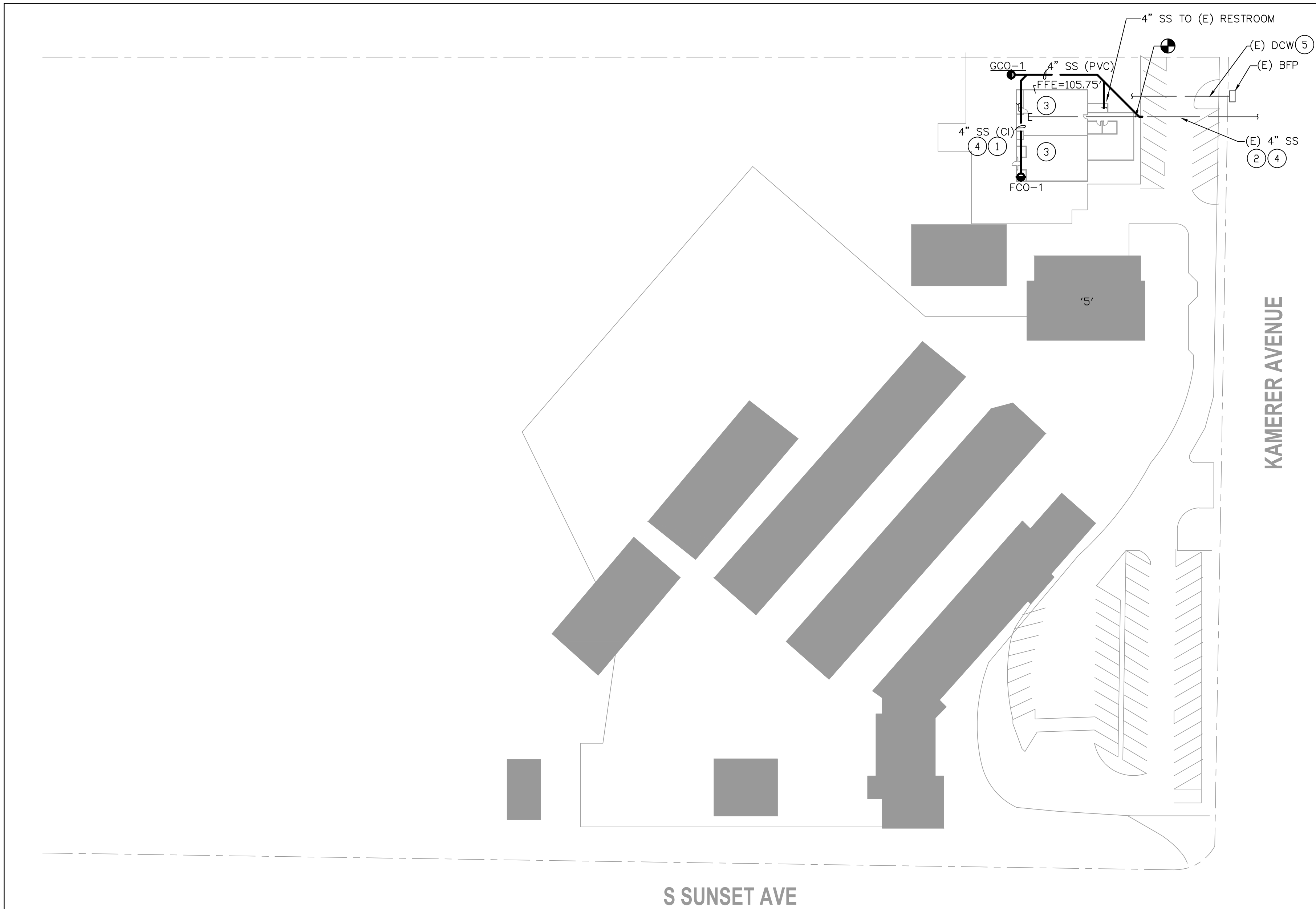
1 (N) 4" SS (CI) BG. CONNECT TO (E)
PLUMB FIXTURE. SLOPE 1/4"/FT INSIDE
THE BUILDING TOWARD TERMINATION POINT.

2 (N) 4" SS (PVC). SLOPE 1/8"/FT TOWARD
TERMINATION POINT. VERIFY I.E. @ POINT
OF CONNECTION TO (E) LINE PRIOR TO
ANY DEMO OR NEW WORK.

③ POINT OF CONNECTION TO (E) FIXTURES
INSIDE BLDG. VERIFY SIZE, MATERIAL,
LOCATION PRIOR TO ANY NEW CONNECTION.

④ MAKE PROPER TRANSITION FOR DIFFERENT PIPE MATERIAL(PVC, CI, CLAY).

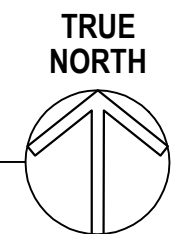
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1

PLUMBING SITE PLAN - CESAR CHAVEZ ELEMENTARY SCHOOL - NEW WORK

SCALE: 1"=50'-0"



SS PIPE SLOPE

MINI SLOPE OF WASTE LINE PER RECORD DRAWINGS:
INTERIOR: 1/4"/FT
EXTERIOR: 0.08"/FT

AGENCY STAMP

DSA APPLICATION NO: N/A



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CONSULTANT

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PROJECT NAME

SEWER REPLACEMENT

FACILITY INFO
ALUM ROCK UNION SCHOOL DISTRICT VARIOUS SITES

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

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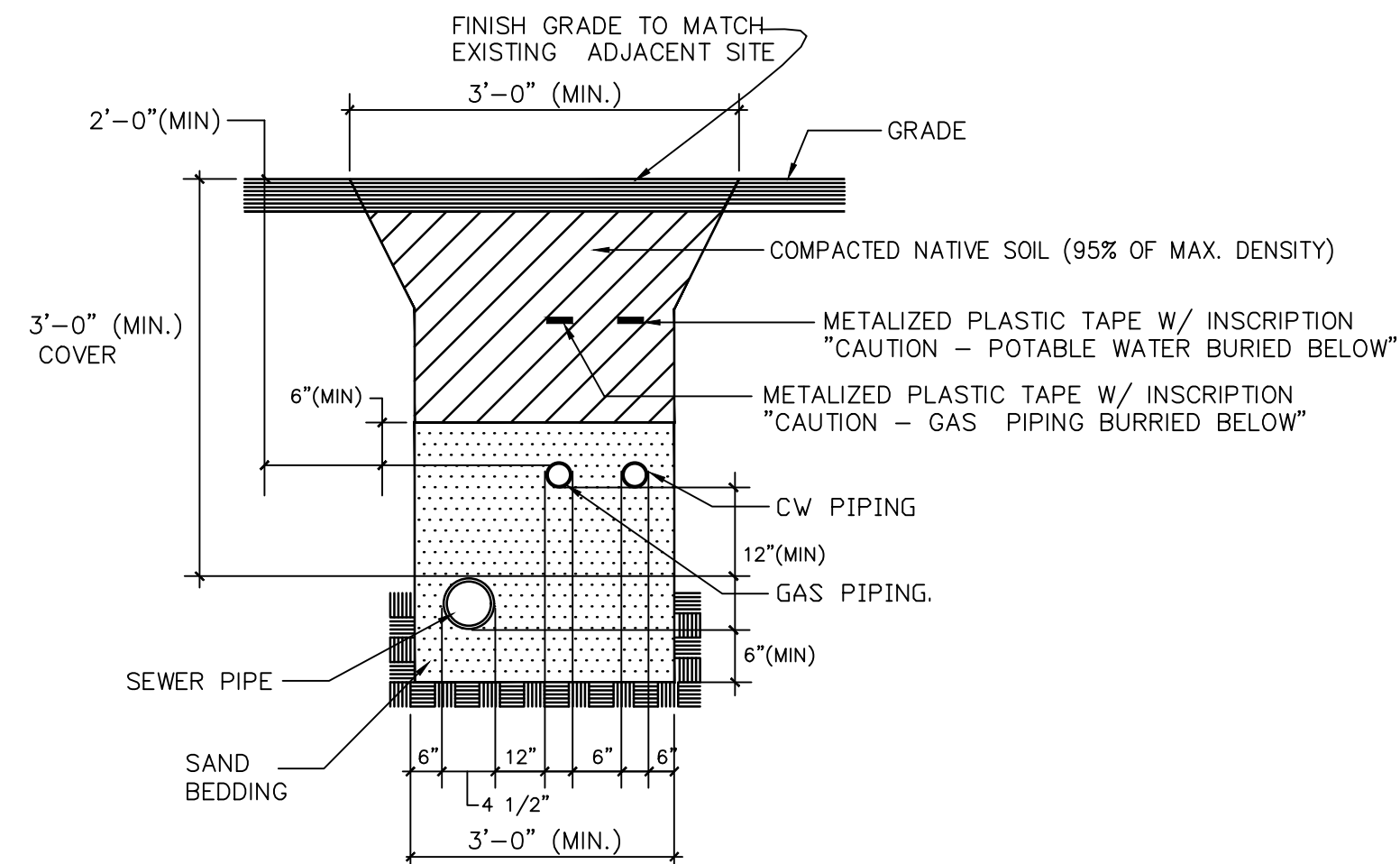
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PM: XX

SHEET TITLE

PLUMBING SITE PLAN - CESAR
CHAVEZ ELEMENTARY
SCHOOL - NEW WORK

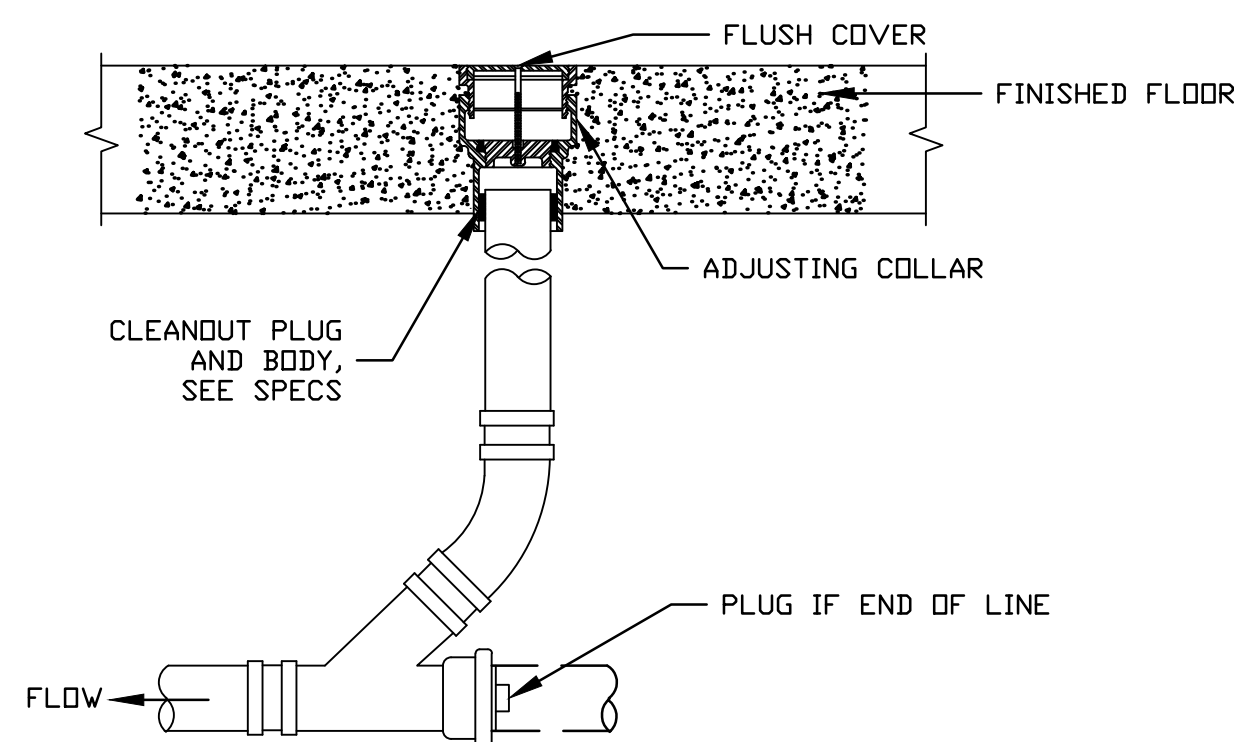
SHEET NUMBER

P2.7



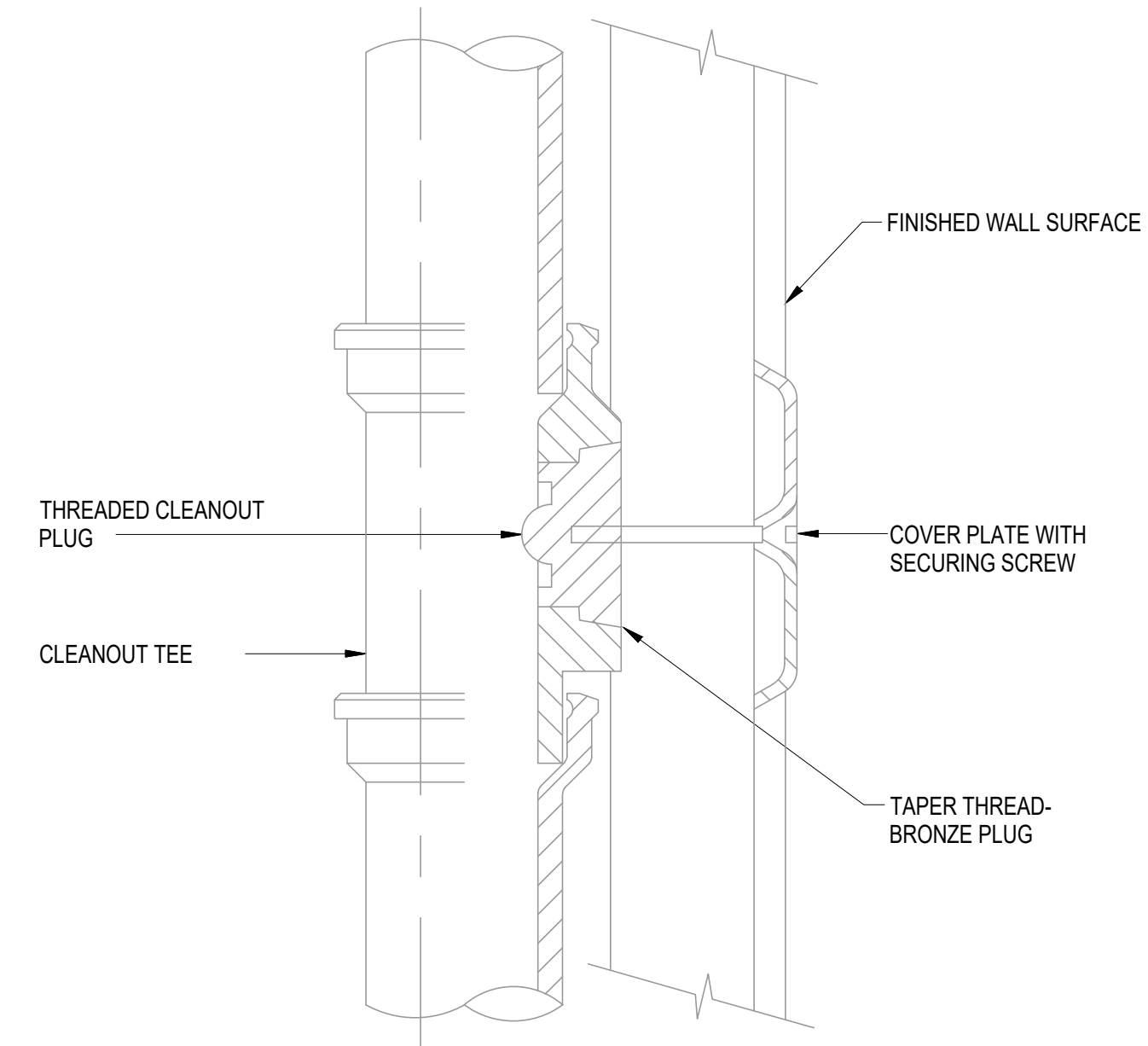
BURIED PIPING DETAIL
NOT TO SCALE

3



FLOOR CLEANOUT DETAIL
NOT TO SCALE

2



CLEANOUT FOR DRAINAGE PIPING CONCEALED

1

AGENCY STAMP

DSA APPLICATION NO: N/A



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CONSULTANT

**A
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TEL: 925-937-6700
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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

[illegible]

DRAFTER: Author
PM: XX

REVIEWER: XX
DSK JOB NO: XXXXX

SHEET TITLE

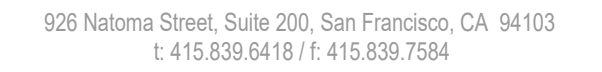
PLUMBING DETAILS

SHEET NUMBER

P3.0

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DSA APPLICATION NO: N/A



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KEY PLAN



DRAFTER: Author
PM: XX

REVIEWER: XX
DSK JOB NO: XXXXX

SHEET TITLE

ELECTRICAL SITE PLAN - ALUM
ROCK USD OFFICE

SHEET NUMBER

E1.0

1. COORDINATE WITH OWNERS REPRESENTATIVES FOR POWER CUT-OVERS.

2. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.

3.ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL
CONDITIONS PRIOR TO BID.

① SEE ENLARGED PLAN 1/E2.0 FOR WORK IN THIS AREA.



ELECTRICAL SITE PLAN - ALUM ROCK USD OFFICE

SCALE: 1"=50'-0"

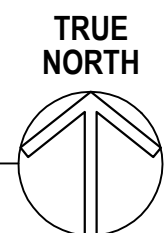




SCALE: $1/4"=1'-0"$

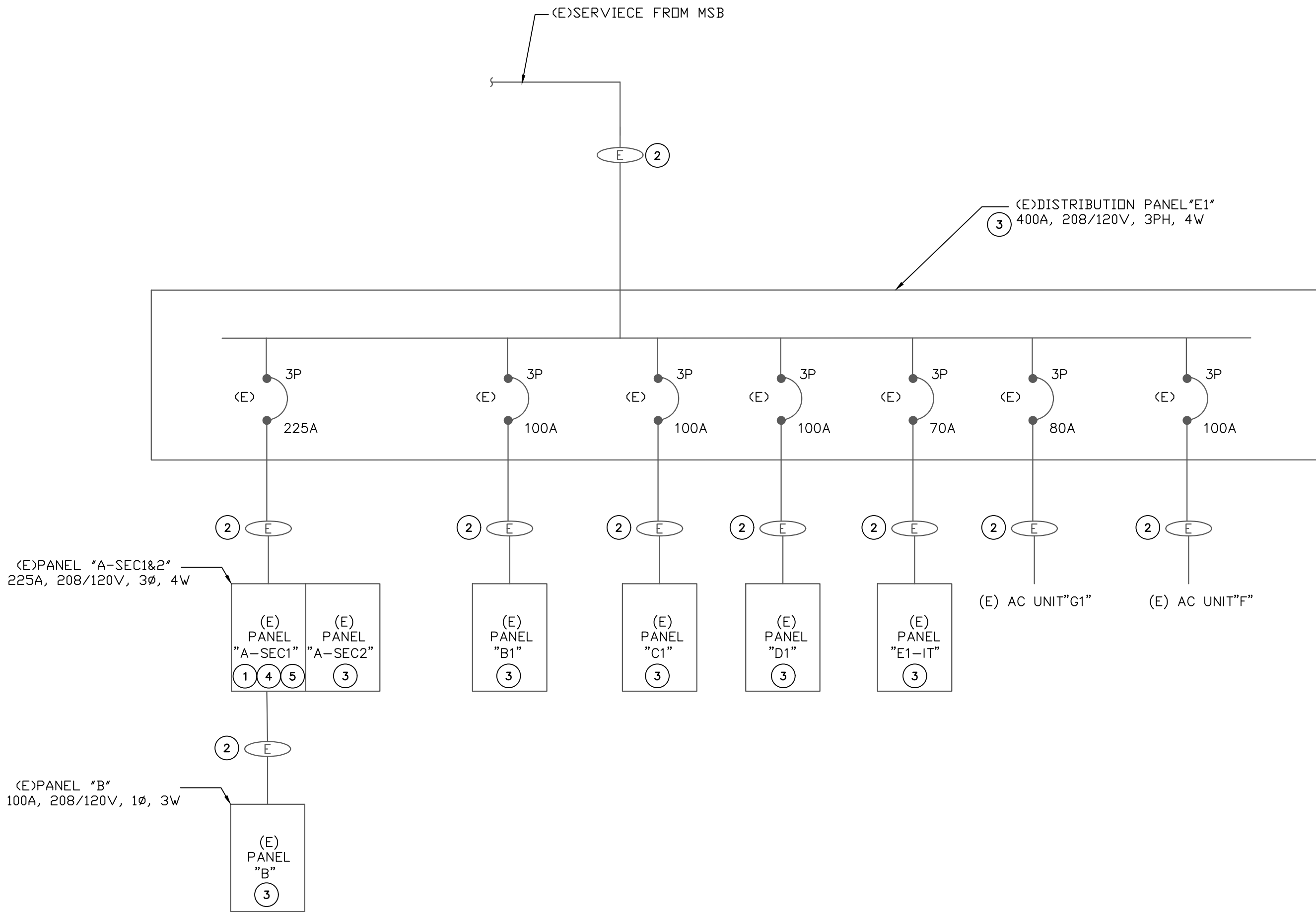
1. GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF CONFLICTS OCCUR BETWEEN NEW WORKS AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
2. ALL WIRES SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
3. WHERE WIRE SIZES ARE NOTED ON DRAWINGS, THAT SIZE SHALL BE BROUGHT THE ENTIRE RUN UNLESS OTHERWISE NOTED.
4. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
5. ELECTRICAL CONTRACTOR TO FIELD CERTIFY ALL CONDITIONS PRIOR TO BID.
6. COORDINATE WITH ARCH. FOR EXACT MOUNTING HEIGHT OF THE RECEPTACLES AND JBOXES.

- ① PROVIDE 208V, 1PH, 40A FOR (N) IEWH-1 VIA MOTOR RATED SWITCH. SEE THE EXACT LOCATION IN PLUMB. DWGS. COORDINATE ALL THE ELECTRICAL REQUIREMENT WITH THE VENDOR.
- ② RUN SEAL TIGHT FLEXIBLE CONDUIT TO UNIT CONNECTION. COORDINATE ALL THE ELECTRICAL REQUIREMENT WITH THE VENDOR.
- ③ (N) WIRING AND CONDUIT. RUN ELECTRICAL CONDUIT IN CEILING. VERIFY IN THE FIELD THE CONDUIT ROUTING.



E2.0

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1 PARTIAL SINGLE LINE DIAGRAM

SCALE: NTS

DESIGNATION: PNL "A-SEC1"	TYPE:EXISTING	MAIN PANEL BUS (AMPS):	400
SUPPLY VOLTAGE:	120/208V, 3PH, 4W	MAIN PANEL BREAKER (AMPS):	225
SUPPLY ORIGIN:	DISTRIBUTION PANEL"E1"	PANEL VOLTAGE:	120/208V, 3PH, 4W
LOCATION OF ORIGIN:	ELECTRICAL ROOM	PANEL LOCATION:	INDOOR
FEEDER SIZE (AMPS):	225	AIC RATING:	10,000
TRANSFORMER SIZE KVA:	-	CONDITION:	NEMA 1

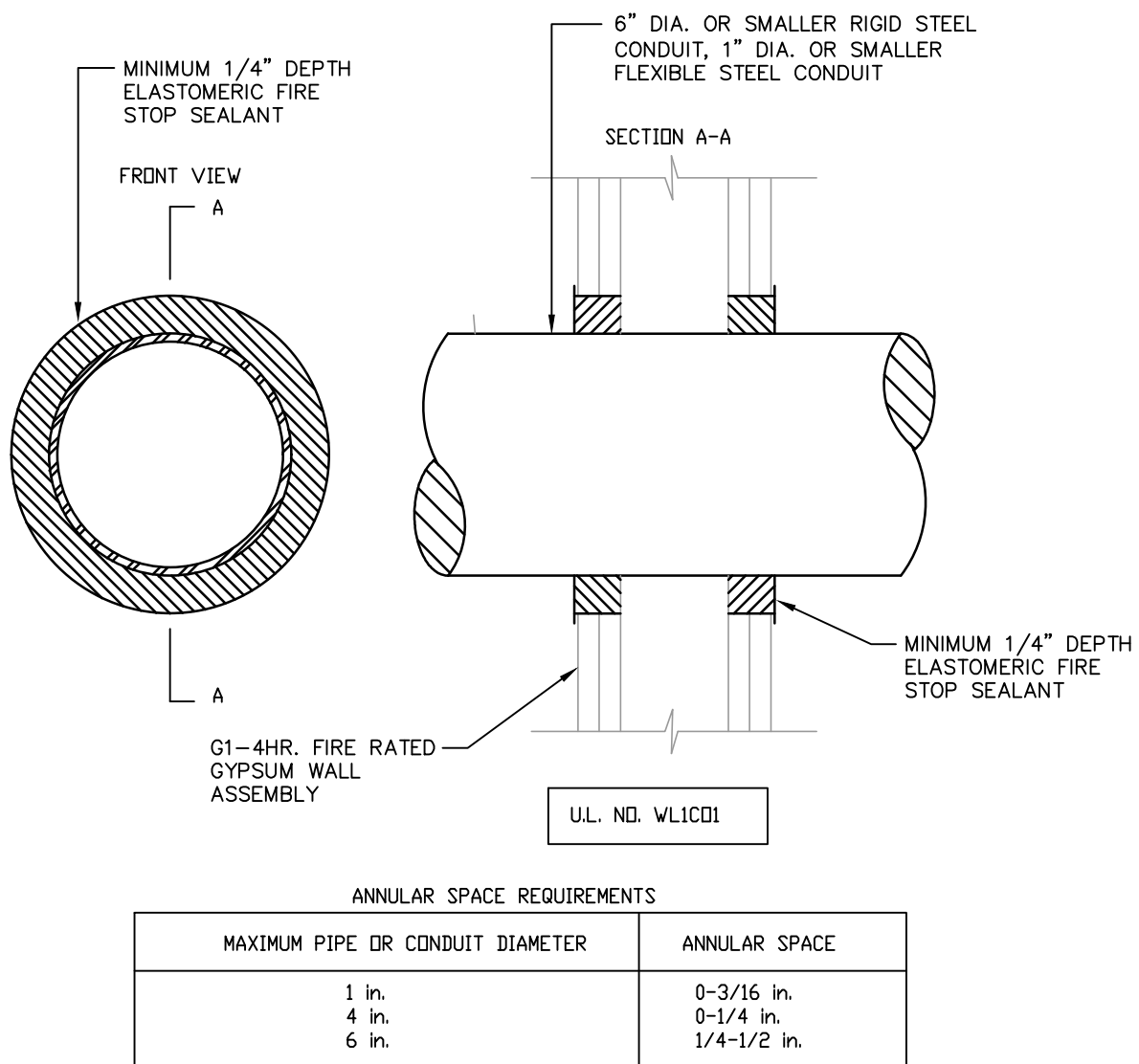
DN/UP	SPECIAL NOTES	DESCRIPTION	RECEPTACLE TYPE/EQUIPMENT	CONDUCTOR	BREAKER	CONDUCTOR	BREAKER	CONDUCTOR	RECEPTACLE TYPE/EQUIPMENT	SPECIAL NOTES	DN/UP
		(E) LIBRARY LITE	(E) LIBRARY LITE	1.0	1.0	1.0	1.0	1.0	(E) LIBRARY LITE		
		(E) LIBRARY LITE	(E) LIBRARY LITE	0.5	0.5	0.5	0.5	0.5	(E) LIBRARY LITE		
		(E) LIBRARY LITE	(E) LIBRARY LITE	0.5	0.5	0.5	0.5	0.5	(E) LIBRARY LITE		
		SPARE	SPARE	2.0	2.0	2.0	2.0	2.0	SPARE		
		(E) LIBRARY LITE	(E) LIBRARY LITE	0.5	0.5	0.5	0.5	0.5	(E) LIBRARY LITE		
		(E) LIBRARY LITE	(E) LIBRARY LITE	0.5	0.5	0.5	0.5	0.5	(E) LIBRARY LITE		
		(E) OFFICE LITE	(E) OFFICE LITE	0.5	0.5	0.5	0.5	0.5	(E) OFFICE LITE		
		(E) OFFICE LITE	(E) OFFICE LITE	0.5	0.5	0.5	0.5	0.5	(E) OFFICE LITE		
		(E) HALL LITE	(E) HALL LITE	0.5	0.5	0.5	0.5	0.5	(E) HALL LITE		
		(E) EXIT LITE	(E) EXIT LITE	0.5	0.5	0.5	0.5	0.5	(E) EXIT LITE		
		(E) EXIT LITE	(E) EXIT LITE	0.5	0.5	0.5	0.5	0.5	(E) EXIT LITE		
		NOTE 1	NOTE 1	1.0	1.0	1.0	1.0	1.0	NOTE 1		
		(E) MEMEOGRAPHY FLOOR RECEPT	(E) MEMEOGRAPHY FLOOR RECEPT	1.2	1.2	1.2	1.2	1.2	(E) MEMEOGRAPHY FLOOR RECEPT		
		(E) WATER HEATER	(E) WATER HEATER	1.5	1.5	1.5	1.5	1.5	(E) WATER HEATER		
		PHASE "A":	CONNECTED LOAD (KVA)	18	MEASURED LOAD (AMPS):	DEMAND LOAD (KVA)	25				
		PHASE "B":	CONNECTED LOAD (KVA)	8	MEASURED LOAD (AMPS):	AMPS @ 120/208V, 3 PHASE, 4W	78				
		PHASE "C":	CONNECTED LOAD (KVA)	3	MEASURED LOAD (AMPS):						
		TOTAL:	CONNECTED LOAD (KVA)	29	DATE LAST MEASURED:						
		NOTE: 1. REPLACE EXISTING BREAKER BY NEW ONE. PROVIDE COMPATIBLE CIRCUIT BREAKER WITH NEW PANEL.									

DESIGNATION: PNL "A-SEC2"	TYPE:EXISTING	MAIN PANEL BUS (AMPS):	400
SUPPLY VOLTAGE:	120/208V, 3PH, 4W	MAIN PANEL BREAKER (AMPS):	225
SUPPLY ORIGIN:	ELECTRICAL ROOM	PANEL VOLTAGE:	120/208V, 3PH, 4W
LOCATION OF ORIGIN:	ELECTRICAL ROOM	PANEL LOCATION:	INDOOR
FEEDER SIZE (AMPS):	225	AIC RATING:	10,000
TRANSFORMER SIZE KVA:	-	CONDITION:	NEMA 1

DN/UP	SPECIAL NOTES	DESCRIPTION	RECEPTACLE TYPE/EQUIPMENT	CONDUCTOR	BREAKER	CONDUCTOR	BREAKER	CONDUCTOR	RECEPTACLE TYPE/EQUIPMENT	SPECIAL NOTES	DN/UP
		(E) TIME CLOCK	(E) TIME CLOCK	0.5	0.5	0.5	0.5	0.5	(E) TIME CLOCK		
		(E) OFFICE RECEPTS	(E) OFFICE RECEPTS	1.2	1.2	1.2	1.2	1.2	(E) OFFICE RECEPTS		
		(E) OFFICE RECEPTS	(E) OFFICE RECEPTS	1.2	1.2	1.2	1.2	1.2	(E) OFFICE RECEPTS		
		(E) OFFICE RECEPTS	(E) OFFICE RECEPTS	1.2	1.2	1.2	1.2	1.2	(E) OFFICE RECEPTS		
		(E) COOLER CONTROL	(E) COOLER CONTROL	1.2	1.2	1.2	1.2	1.2	(E) COOLER CONTROL		
		(E) XEROX	(E) XEROX	1.2	1.2	1.2	1.2	1.2	(E) XEROX		
		(E) LOAD	(E) LOAD	1.2	1.2	1.2	1.2	1.2	(E) LOAD		
		(E) LOAD	(E) LOAD	1.2	1.2	1.2	1.2	1.2	(E) LOAD		
		(E) LOAD	(E) LOAD	2.1	2.1	2.1	2.1	2.1	(E) LOAD		
		(E) POWER POLES IN BUSS: OFFICE	(E) POWER POLES IN BUSS: OFFICE	1.2	1.2	1.2	1.2	1.2	(E) POWER POLES IN BUSS: OFFICE		
		(E) SUB-PANEL "B"	(E) SUB-PANEL "B"	3.0	3.0	3.0	3.0	3.0	(E) SUB-PANEL "B"		
		(E) LOAD	(E) LOAD	1.5	1.5	1.5	1.5	1.5	(E) LOAD		
		PHASE "A":	CONNECTED LOAD (KVA)	15	MEASURED LOAD (AMPS):	DEMAND LOAD (KVA)	41				
		PHASE "B":	CONNECTED LOAD (KVA)	14	MEASURED LOAD (AMPS):	AMPS @ 120/208V, 3 PHASE, 4W	116				
		PHASE "C":	CONNECTED LOAD (KVA)	12	MEASURED LOAD (AMPS):						
		TOTAL:	CONNECTED LOAD (KVA)	41	DATE LAST MEASURED:						

DESIGNATION: PNL "B"	TYPE:EXISTING	MAIN PANEL BUS (AMPS):	400
SUPPLY VOLTAGE:	120/208V, 1PH, 3W	MAIN PANEL BREAKER (AMPS):	225
SUPPLY ORIGIN:	PNL "A-SEC2"	PANEL VOLTAGE:	120/208V, 1PH, 3W
LOCATION OF ORIGIN:	ELECTRICAL ROOM	PANEL LOCATION:	INDOOR
FEEDER SIZE (AMPS):	100	AIC RATING:	10,000
TRANSFORMER SIZE KVA:	-	CONDITION:	NEMA 1

DN/UP	SPECIAL NOTES	DESCRIPTION	RECEPTACLE TYPE/EQUIPMENT	CONDUCTOR	BREAKER	CONDUCTOR	BREAKER	CONDUCTOR	RECEPTACLE TYPE/EQUIPMENT	SPECIAL NOTES	DN/UP
		(E) IBM COPIER	(E) IBM COPIER	2.1	2.1	2.1	2.1	2.1	(E) IBM COPIER		
		(E) CUBICAL	(E) CUBICAL	1.2	1.2	1.2	1.2	1.2	(E) CUBICAL		
		(E) CUBICAL	(E) CUBICAL	1.2	1.2	1.2	1.2	1.2	(E) CUBICAL		
		(E) CUBICAL	(E) CUBICAL	1.2	1.2	1.2	1.2	1.2	(E) CUBICAL		
		SPARE	SPARE	2.0	2.0	2.0	2.0	2.0	SPARE		
		PHASE "A":	CONNECTED LOAD (KVA)	4.5							
		PHASE "B":	CONNECTED LOAD (KVA)	3.3							
		TOTAL: CONNECTED LOAD (KVA)		7.8							
		TOTAL: DEMAND LOAD (KVA)		7.0							
		TOTAL AMPS @ 120/208V, 1PH, 3W		34							



- INSTALL THE FIRE STOP SYMMETRICALLY ON BOTH SIDE OF THE WALL.
- CAULK IS TO BE FORCED INTO THE ANNULAR SPACE TO THE MAXIMUM EXTENT POSSIBLE WITH A MINIMUM 1/4" DIAMETER BEAD OF CAULK APPLIED TO THE PERIMETER OF THE CONDUIT AT ITS EGRESS FROM THE WALL.

2 CONDUIT PENETRATION THRU FIRE/SMOKE WALL

SCALE: NTS

GENERAL NOTES:

- ALL NEW COMPONENTS SHOWN ON THE SINGLE LINE DIAGRAM SHALL BE "FULLY RATED SYSTEM" ADEQUATE FOR THE MAXIMUM FAULT CURRENT AVAILABLE AT THE POINT OF APPLICATION, INCORPORATING THE CURRENT LIMITING DEVICES AS SPECIFIED. SHOP DRAWINGS SHALL INDICATE FULLY RATING AND INCLUDE A COPY OF ALL LABELING, INCLUDING RESPECTIVE UL LISTING. VERIFY AVAILABLE SHORT CIRCUIT CURRENT WITH POWER COMPANY PRIOR TO ORDERING EQUIPMENT. SERIES RATED EQUIPMENT IS NOT ACCEPTABLE. SERIES RATED EQUIPMENT IS NOT ACCEPTABLE.
- ALL CONDUCTORS SHALL BE COPPER TYPE THHN/THWN OR XHHW, UON. ALUMINUM IS NOT ACCEPTABLE.
- ALL EQUIPMENT IS NEW, U.O.N..
- ONLY UL LISTED EQUIPMENT SHALL BE USED.
- RATING OF ALL OVERCURRENT PROTECTION DEVICES, SWITCHES AND MAGNETIC STARTER TO BE VERIFIED WITH NAMEPLATE RATING OF ASSOCIATED UNIT AND TO BE REVISED AS REQUIRED.
- PROVIDE NOTATION FOR ARC-FLASH HAZARD WARNING PER 2019 CES, SEC. 110.16.
- PROVIDE NOTATION FOR PROVISION OF POSTING MAXIMUM AFC AT SERVICE EQUIPMENT PER 2019 CEC, SEC. 110.24(A).
- PROVIDE NEW ELECTRICAL SWITCHBOARD AND PANEL-BOARDS RATED BY THE AIC RATING IN KA PER THE FAULT CURRENT CALCULATION PER 2022 CEC, 110.9 & 110.10. FIELD VERIFY PER ACTUAL FIELD CONDITIONS AND AMBIENT CONDITIONS.
- CONTRACTOR TO COORDINATE WITH CLIENT, OWNER AND PG&E FOR AVAILABLE FAULT-CURRENT AT THE MAIN SWITCHBOARD LOCATION. CONTRACTOR TO SUBMIT TO AHJ FOR APPROVAL, LETTER FROM PG&E STATING THE AVAILABLE FAULT CURRENT, DETAILED SHORT-CIRCUIT CALCULATIONS AND AIC RATING OF THE ELECTRICAL EQUIPMENT.

KEY NOTES:

- (E) PANEL, NEW WORK REQUIRED. SEE PANEL SCHEDULE.
- (E) CONDUIT & CABLE. NO WORK REQUIRED.
- (E) PANEL, NO WORK REQUIRED.
- PROVIDE TYPEWRITTEN SCHEDULE UPON COMPLETION OF THIS PROJECT.
- USE FEEDER SCHEDULE FOR NEW WIRES & CONDUITS.

FEEDER SCHEDULE											
FEEDER	CONDUIT(COPPER)	CONDUIT(ALUMINUM)	CONDUCTORS PER SET(CU)	CONDUCTORS PER SET(AL)							
TAG	MET	SETS	RNC	MET	SETS	RNC	PHASE/NEUTRAL	GND.	PHASE/NEUTRAL	GND.	
1500.4	3.50"	5	3.50"	3.50"	6	3.50"	(4)400KCML	#4/0	(4)400KCML	350KCML	
1500.3	3.00"	5	3.00"	3.00"	6	3.00"	(3)400KCML	#4/0	(3)400KCML	350KCML	
1200.4	3.50"	4	3.50"	3.50"	5	3.50"	(4)400KCML	#3/0	(4)400KCML	250KCML	
1200.3	3.00"	4	3.00"	3.00"	5	3.00"	(3)400KCML	#3/0	(3)400KCML	250KCML	
1000.4	3.50"	3	3.50"	3.50"	4	3.50"	(4)400KCML	#2/0	(4)400KCML	#40	
1000.3	3.00"	3	3.00"	3.00"	4	3.00"	(4)400KCML	#2/0	(3)400KCML	#40	
800.4	3.50"	3	3.00"	3.00"	4	3.00"	(4)300KCML	#1/0	(4)250KCML	#30	
800.3	3.00"	3	2.50"	2.50"	4	2.50"	(3)300KCML	#1/0	(3)250KCML	#30	
700.4	3.50"	2	3.00"	3.50"	3	3.50"	(4)300KCML	#1/0	(4)350KCML	#30	
700.3	3.00"	2	2.50"	3.00"	3	3.00"	(3)300KCML	#1/0	(3)350KCML	#30	
600.4	3.50"	2	3.50"	3.50"	2	3.50"	(4)300KCML	#1	(4)500KCML	#20	
600.3	3.00"	2	3.00"	3.50"	2	3.00"	(3)350KCML	#1	(3)500KCML	#20	
500.4	3.00"	2	3.00"	3.50"	2	3.50"	(4)250KCML	#2	(4)350KCML	#10	
500.3	2.50"	2	2.50"	3.00"	2	3.00"	(3)250KCML	#2	(3)350KCML	#10	
450.4	2.50"	2	2.50"	3.50"	2	3.00"	(4)4/0	#2	(4)300KCML	#10	
450.3	2.50"	2	2.00"	3.00"	2	2.50"	(3)4/0	#2	(3)300KCML	#10	
400.4	2.50"	2	2.50"	3.00"	2	3.00"	(4)3/0	#3	(4)250KCML	#1	
400.3	2.00"	2	2.00"	2.50"	2	2.50"	(3)3/0	#3	(3)250KCML	#1	
350.4	3.50"	1	3.50"	2.50"	2	2.50"	(4)500KCML	#3	(4)4/0	#2	
350.3	3.50"	1	3.00"	2.50"	2	2.00"	(3)500KCML	#3	(3)4/0	#2	
300.4	3.50"	1	3.50"	3.50"	1	3.50"	(4)350KCML	#4	(4)500KCML	#2	
300.3	3.00"	1	3.00"	3.50"	1	3.00"	(3)350KCML	#4	(3)500KCML	#2	
250.4	2.50"	1	2.50"	3.50"	1	3.50"	(4)4/0	#4	(4)350KCML	#2	
250.3	2.50"	1	2.00"	3.00"	1	3.00"	(3)4/0	#4	(3)350KCML	#2	
225.4	2.50"	1	2.50"	3.00"	1	3.00"	(4)4/0	#4	(4)300KCML	#2	
225.3	2.50"	1	2.00"	3.00"	1	2.50"	(3)4/0	#4	(3)300KCML	#2	
200.4	2.50"	1	2.50"	3.00"	1	3.00"	(4)3/0	#6	(4)250KCML	#4	
200.3	2.00"	1	2.00"	2.50"	1	2.50"	(3)3/0	#6	(3)250KCML	#4	
175.4	2.50"	1	2.50"	3.00"	1	2.50"	(4)3/0	#6	(4)4/0	#4	
175.3	2.00"	1	2.00"	2.50"	1	2.00"	(3)3/0	#6	(3)4/0	#4	
150.4	2.50"	1	2.00"	2.50"	1	2.50"	(4)1/0	#6	(4)3/0	#4	
150.3	2.00"	1	1.50"	2.00"	1	2.00"	(3)1/0	#6	(3)3/0	#4	
125.4	2.00"	1	1.50"	2.00"	1	2.50"	(4)1/0	#6	(4)2/0	#4	
125.3	1.50"	1	1.50"	2.00"	1	2.00"	(3)1/0	#6	(3)2/0	#4	
100.4	1.50"	1	1.25"	2.00"	1	1.50"	(4)2/0	#8	(4)1/0	#6	
100.3	1.25"	1	1.25"	1.50"	1	1.50"	(3)2/0	#8	(3)1/0	#6	
80.4	1.50"	1	1.25"	1.50"	1	1.25"	(4)2/0	#8	(4)2/0	#6	
80.3	1.25"	1	1.25"	1.25"	1	1.25"	(3)2/0	#8	(3)2/0	#6	
80.4	1.25"	1	1.25"	1.25"	1	1.25"	(4)4/0	#8	(4)2/0	#6	
80.3	1.25"	1	1.00"	1.25"	1	1.25"	(3)4/0	#8	(3)2/0	#6	
70.4	1.25"	1	1.25"	1.25"	1	1.25"	(4)4/0	#8	(4)3/0	#6	
70.3	1.25"	1	1.00"	1.25"	1	1.00"	(3)4/0	#8	(3)3/0	#6	
60.4	1.00"	1	1.00"	1.25"	1	1.25"	(4)6/0	#10	(4)4/0	#8	
60.3	1.00"	1	1.00"	1.25"	1	1.00"	(3)6/0	#10	(3)4/0	#8	
50.4	1.00"	1	1.00"	1.00"	1	1.00"	(4)6/0	#10	(4)6/0	#10	
50.3	0.75"	1	1.00"	0.75"	1	1.00"	(3)6/0	#10	(3)6/0	#10	
40.4	0.75"	1	1.00"	0.75"	1	1.00"	(4)8/0	#10	(4)8/0	#10	
40.3	0.75"	1	0.75"	0.75"	1	0.75"	(3)8/0	#10	(3)8/0	#10	
30.4	0.75"	1	0.75"	0.75"	1	0.75"	(4)10/0	#10	(4)10/0	#10	
30.3	0.75"	1	0.75"	0.75"	1	0.75"	(3)10/0	#10	(3)10/0	#10	
20.4	0.75"	1	0.75"	0.75"	1	0.75"	(4)12/0	#12	(4)12/0	#12	
20.3	0.75"	1	1.00"	0.75"	1	1.00"	(3)12/0	#12	(3)12/0	#12	

NOTES:

- CONDUCTORS AND CONDUITS SHOWN IN THIS SCHEDULE ARE BASED ON COPPER AND ALUMINUM CONDUCTORS WITH THHN/THWN INSULATION.
- THIS SCHEDULE SHALL BE USED ON ALL FEEDERS SERVING LOAD