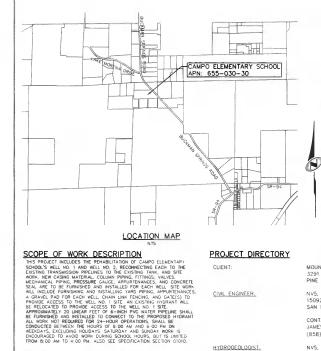
CAMPO ELEMENTARY SCHOOL REHABILITATION OF EXISTING WELL NO. 1 AND 2



CLIENT

CIVIL ENGINEER.

HYDROGEOLOGIST

STRUCTURAL ENGINEER.

LEGEND	
EXISTING WATER LINE	
PROPOSED WATER LINE	w
EXISTING FENCE	
PROPOSED FENCE	xx
EXISTING FIRE HYDRANT LOCATION	(L)
PROPOSED FIRE HYDRANT LOCATION	è-
EXISTING GATE VALVE	Ś
PROPOSED GATE VALVE	\otimes
REMOVE	VIID
CONCRETE	
EARTH	
GRAVEL	

LIST OF APPLICABLE CODES

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR 2022 CALFORNA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR 2022 CALFORNA ADMINISTRATIVE CODE (CAC), PART 2, TITLE 24 CCR 2022 CALFORNA MICHANICAL CODE (CAC), PART 3, TITLE 24 CCR 2022 CALFORNA MICHANICAL CODE (CAC), PART 4, TITLE 24 CCR 2022 CALFORNA MICHANICAL CODE (CAC), PART 4, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, PART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, PART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, PART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, PART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 2022 CALFORNA DERBRY CODE, TART 6, TITLE 24 CCR 24 CCR

2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE STANDARDS

FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

NOTES

ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

CHANCES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANCE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

A DSA CERTIFIED'PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROMOE CONTINUOUS INSPECTION OF THE WORK. THE DUTES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. A MINIMUM CLASS ____ INSPECTOR IS REQUIRED

MAX MEAS

MIN. M J.

NOS

NUS N.T.S O.C. O.D. OH. P E.

P.C.C PH PIP.

P OR P.

P.P. PR. OR PROP. P.S.F. P.S.I. PVC

RSP ROW. R/W

STA. STD. STL I OR TELCO. TEMP. T O P. TYP. U.N.O.

SCH S.F S.S SSPWC

U.N.O

W.M. W.V.

MAXIMUM MEASURE(D)

NUMBERS

MINIMUM MECHANICAL JOINT NORTH

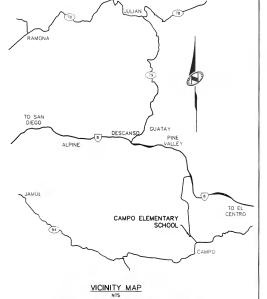
NUMBERS NOT TO SCALE ON CENTER OUTSIDE DIAMETER OVERHEAD ELECTRIC PAD ELEVATION PERCENT DIAMETER PORTLAND CEMENT CONCRETE POTHOLE

PORTLAND CEMENT CONCRE POTHOLE PROTECT IN PLACE PROPERTY LINE POWER POLE POWNOS PER SQUARE NON-POLINOS PER SQUARE NON-POLINOS PER SQUARE INCH POLY NIMIL CHLORUE POLY NIMIL CHLORUE REWISED STANDARD PLAN RIGHT-OF-WAY SCHPEJULE SQUARE FEET

SCHEDULE SQUARE FEET STAINLESS STEEL STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK) STATION STATON STATADARD

STANDARU STEEL FELEPORARY FELEPORARY TOP OR PIPE TYPICAL UNLESS NOTED OTHERWISE WATER WATER METER WATER VALVE WITH

dialo



DSA APPROVAL

DIVISION OF STATE ARCHITECT STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY UF FOR:

THE STATEMENT OF GERERAL CONFORMANCE SHALL NOT BE CONSTRUED AS RELEVAND ME OF THE STATEMENT OF GERERAL CONFORMANCE SHALL NOT BE CONSTRUED AS RELEVAND ME OF MY RIGHTS, DUTES, AND RESPONSIBILITES UNDER SECTIONS 17302 AND 81138 OF EDUCATION CODE AND SECTIONS 4-336, 4-341, AND 4-344" OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317 [8])

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND 2) CORRONATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

/ /24 DATE

No. 4617

. 12/31/25

(APPLICATION NO _____ FILE NO.

THIS DRAWING, PAGE OF SPECIFICATIONS/CALCULATIONS

SIGNATURE

ERIC RODRIGUEZ

ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA (DIG ALERT), (811)

CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT OF SCUTTERN CALIFORNIA NO LESS THAN SEVEN COMPLETE WORKING DAYS PRIOR TO ANY EXCANATION FOR VERIFICATION AND LOCATION OF UTILITIES AND NOTFICATION OF COMMENCEMENT OF WORK PER SPECIFICATION SECTION 01040

SHEET INDEX

SHEET DWG NO: NO:	DRAWING TITLE.
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	TITLE SHEET WELL REHABILITATION - WELL NO. 1 WELL REHABILITATION - WELL NO. 2 WELLVEAD PHOTOS RELOCATE FIRE HYDRANT WELLS NO. 1 AND 2 PROFILES WELL REHABILITATION - DETAILS PUMP STATION - MECHANICAL PLAN AND SCHEDULE CONTROLS 1 CONTROLS 3

SWRCB/DFA FUNDING AGREEMENT NO. 00000000002002005

PWS NO. 3700018

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Ĺ					r liable for, ungutharized changes to or uses of these approved by the preparer of these plans.

APWA AWWA AS BLDG B.M. B.O.P CTV CES C.I. 15092 AVENUE OF SCIENCE, SUITE 200 CONTACT: JAMES F. OWENS CL C.G CONC

AGG.

D.I. DIA D/W DWG

F.G

GALV G.V HORIZ

I.D.

OR ELEV.

E.U.G. EX. OR EXIST F.F.

NV5, INC. 2525 NATOMAS PARK DRIVE. SUITE 300 SACRAMENTO, CA 95833 CONTACT: PAT DUNN PAT DUNNENV5 COM (916) 221-0012 NV5. INC 2525 NATOMAS PARK DRIVE SUITE 300

MOUNTAIN EMPIRE UNIFIED SCHOOL DISTRICT 3291 BUCKMAN SPRINGS ROAD

PINE VALLEY, CA 91962

SAN DIEGO, CA 92128

JAMES.OWENSONV5.COM

(858) 385-2187

NV5 INC.

SACRAMENTO, CA 95833 CONTACT: ERIC RODRIGUEZ ERIC.RODRIGUEZ@NV5.COM (714) 612-8977



APPROVED FOR BIDDING AND CONSTRUCTION MOUNTAIN EMPIRE UNIFIED SCHOOL DISTRICT DIRECTOR OF FACILITIES AND CONSTRUCTION



DATE	PRINT NAME S-4617 12/31/25 LICENSE NUMBER EXPIRATION DATE	The cal itom
REHABILITATION OF EXIS		DRAMING HUMBER T-01 1 of 11 DRAMING SCALE
PREPARED FOR: CAMPO ELEMENTARY SCHOOL	DATE SUBMITTED: API	VERICAL: 1"= N/ HOR/CAL: 1"= N/ SCA MOLE 04-122482 NO 48 MAREE NO 48 MAREE

ABBREVIATIONS ASPHALT CONCRETE ASBESTOS CEMENT PIPE AGGREGATE APPROXIMATE AMERICAN PUBLIC WORKS ASSOCIATION AMERICAN WATER WORKS ASSOCIATION

AMERICAN WATER AS SHOWN BUILDING BENCHMARK BOTTOM OF PIPE

CAMPO ELÉMEN CAST IRON CENTERLINE CLASS CLEAN OUT CONCRETE DUCTILE IRON DIAMETER DRIVEWAY DRAWING DFI TA

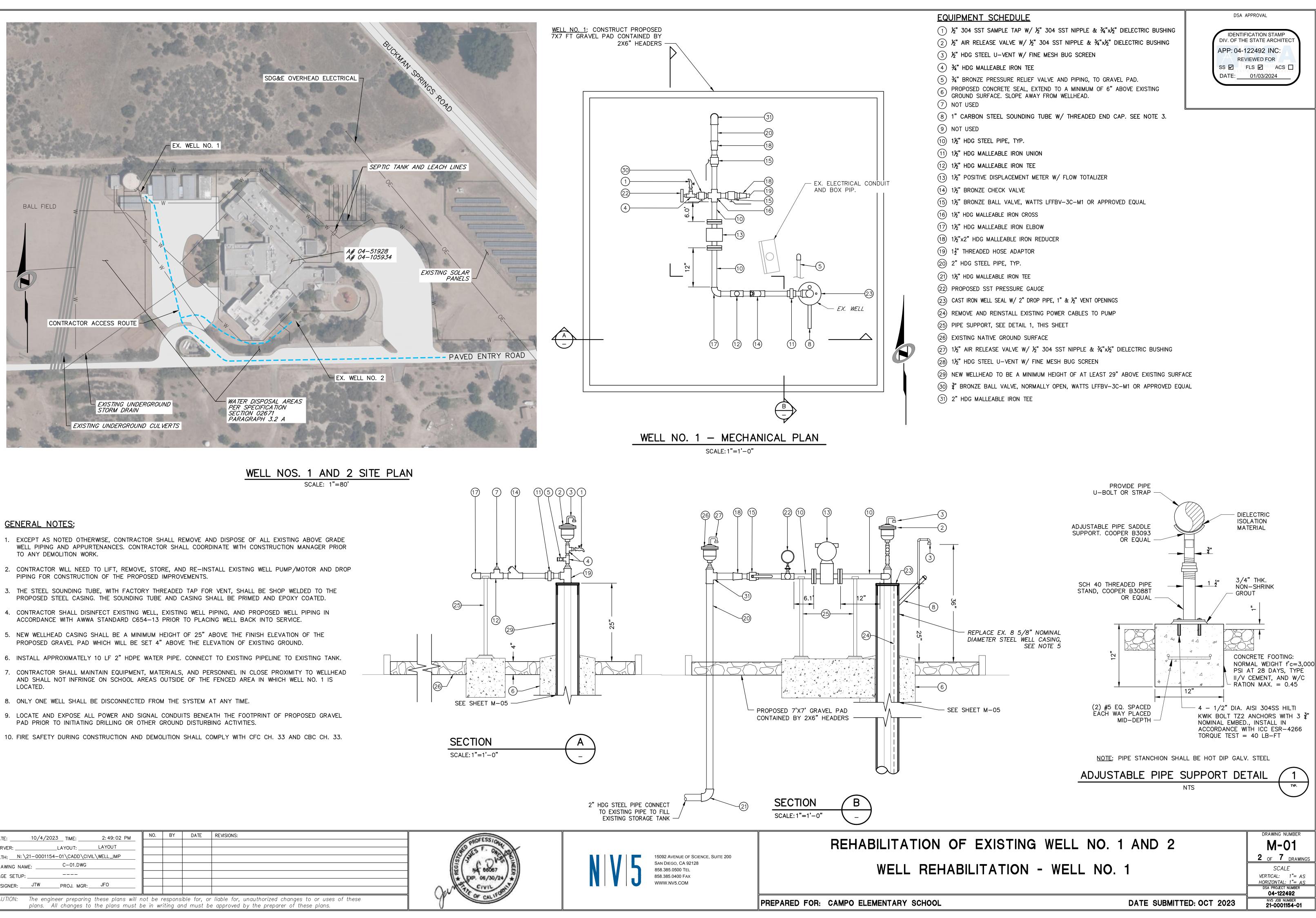
CABLE TELEVISION CAMPO ELEMENTARY SCHOO.

DRAWING DELTA ELECTRIC BOX ELEVATION ELECTRIC METER EDGC OF PAVEMENT UNDERGROUND ELECTRICAL EXISTING FINISH GRADE ELEVATION FINISH GRADE ELEVATION FLANGF

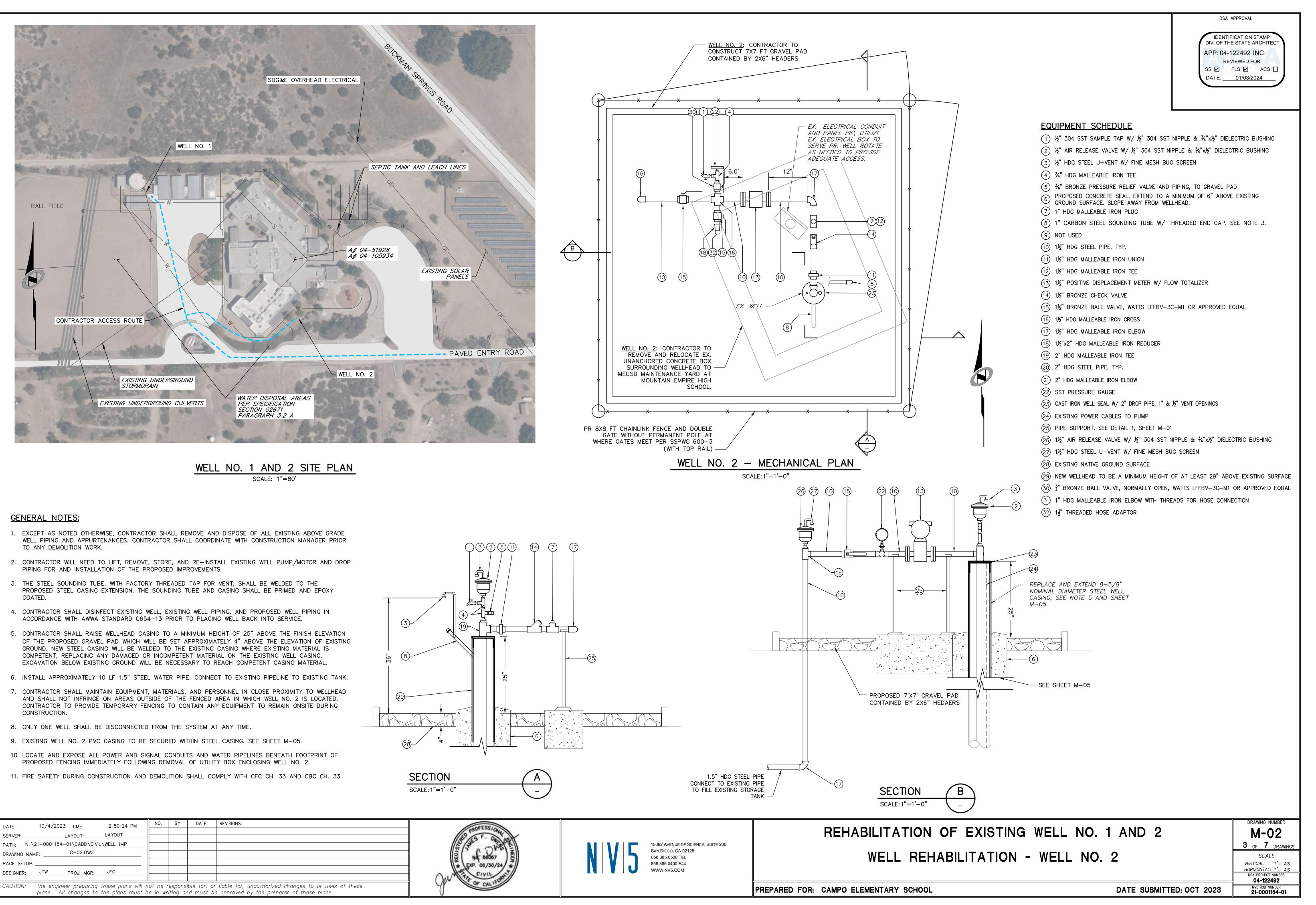
FEET DALVANIZED GATE VALVE HORIZONTAL HIGH POINT INSIDE DIAMETER OR DIMENSION

FLANGE FORCE MAIN FINISH SURFACE FEET

INVERT LINEAL FEET



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	CAUTION: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these						
plans. All changes to the plans must b	e in wr	iting ar	nd must be	e approved by the preparer of these plans.			





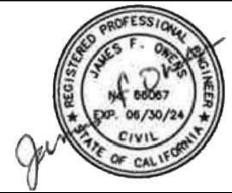


WELL NO. 1

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עבר ט.					liable for, unauthorized changes to or uses of these e approved by the preparer of these plans.

FOR FENCE AND GATE MODIFICATIONS, SEE SHEET M-04 -

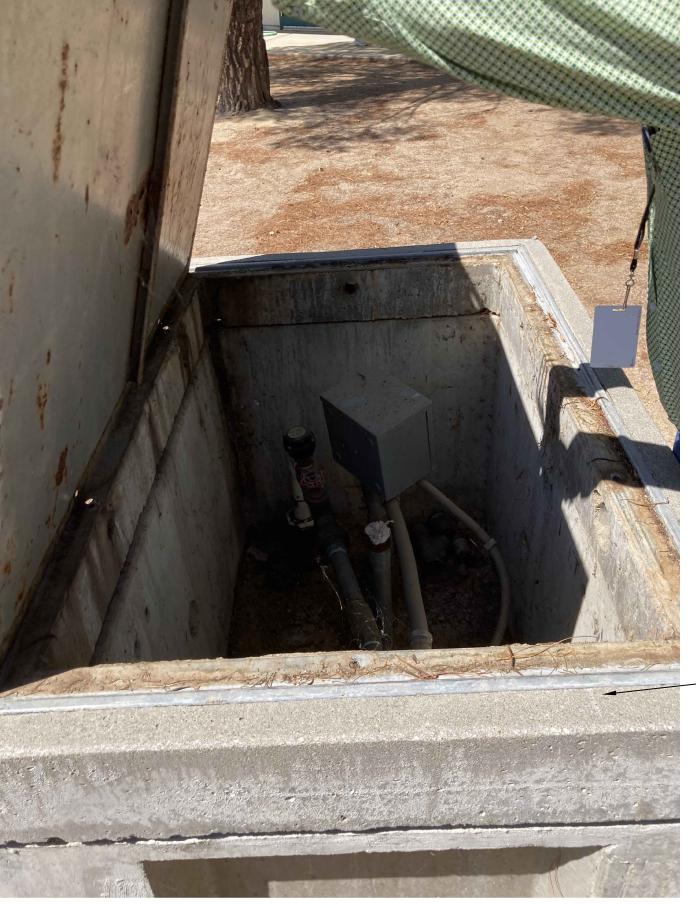
RELOCATE EX. FIRE HYDRANT,
 SEE SHEET M-04





15092 AVENUE OF SCIENCE, SUITE 200 SAN DIEGO, CA 92128 858.385.0500 TEL 858.385.0400 FAX WWW.NV5.COM





DSA APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC

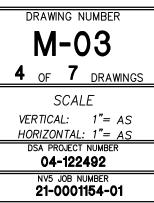
APP: 04-122492 INC: REVIEWED FOR SS 🗹 🛛 FLS 🗹 ACS 🗌

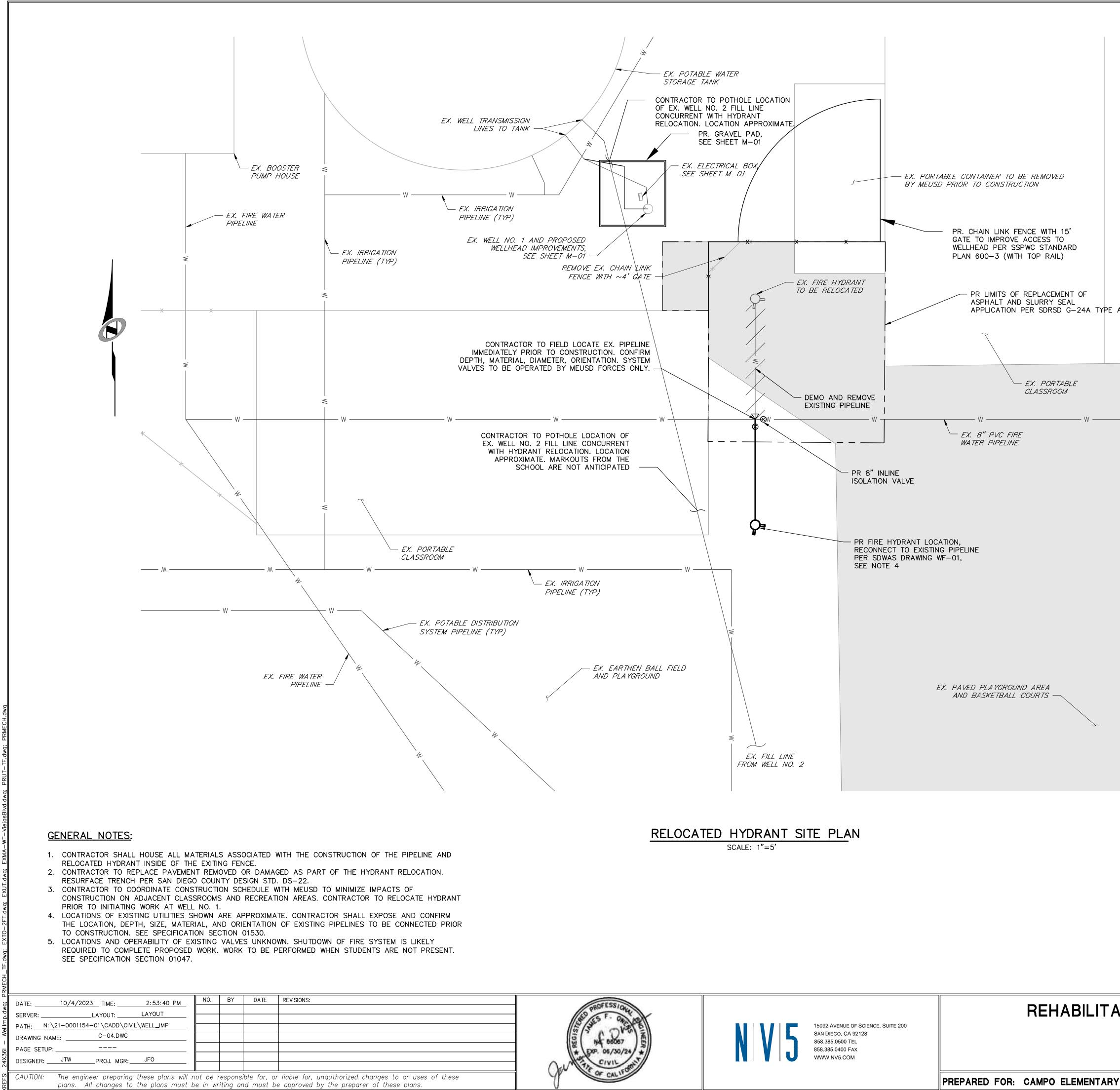
DATE: 01/03/2024

WELL NO. 2: CONTRACTOR TO REMOVE AND RELOCATE EX. UNANCHORED CONCRETE BOX SURROUNDING WELLHEAD. COORDINATION WITH MEUSD REQUIRED PER SPECIFICATION SECTION 01040.

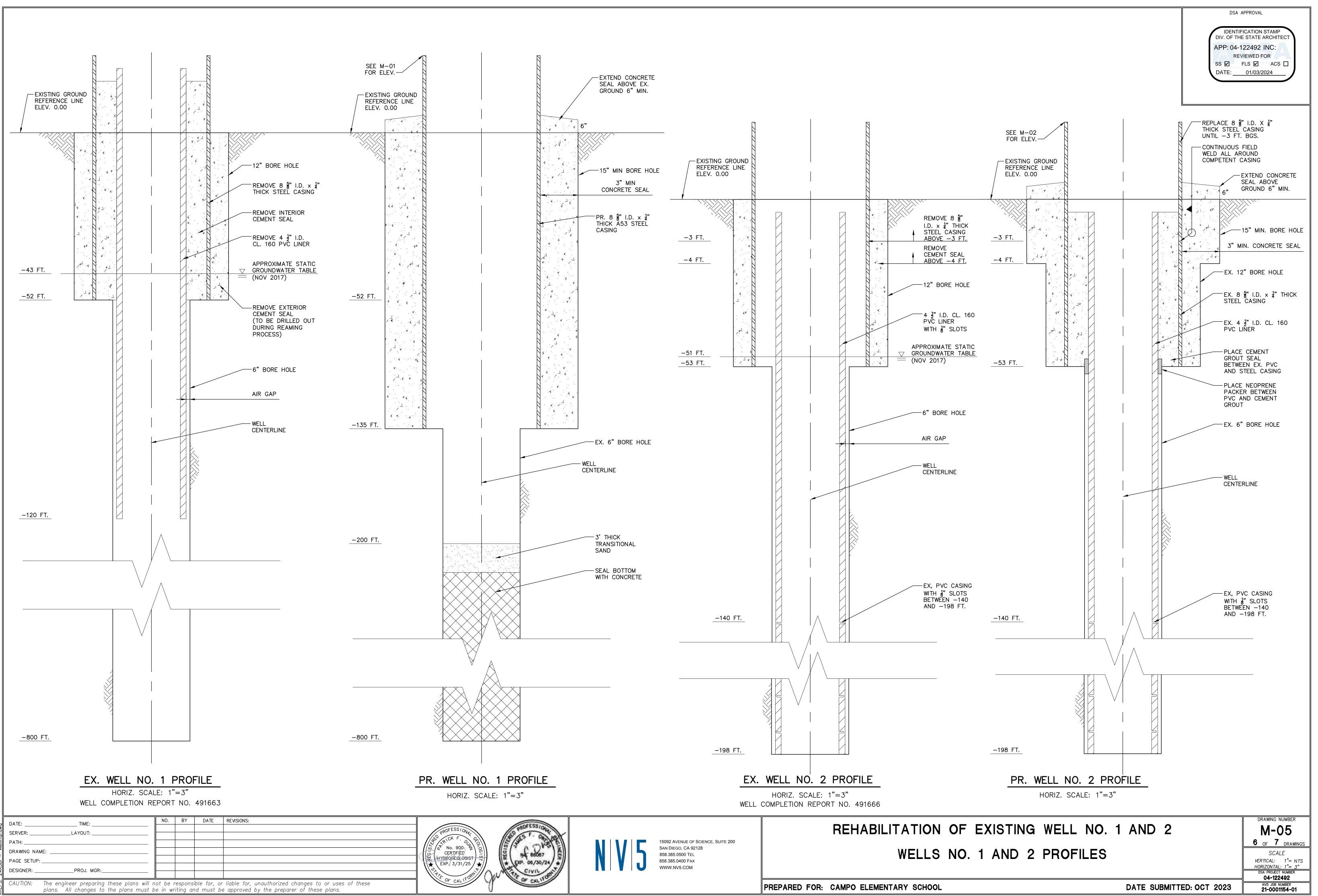
WELL NO. 2

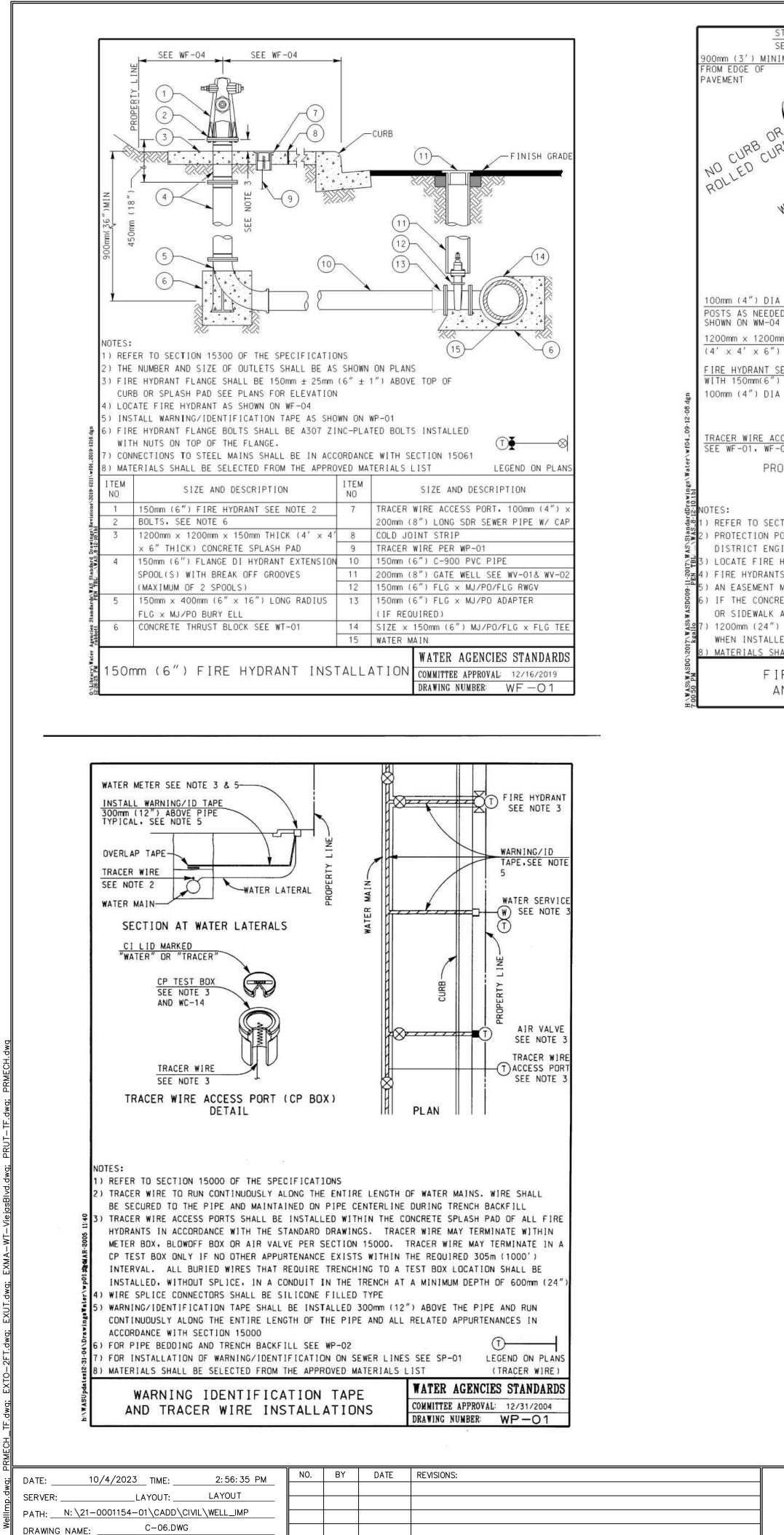
REHABILITATION OF EXISTING WELL NO. 1 AND 2 WELLHEAD PHOTOS





A <i>Ex. PORTABLE</i> <i>U V V</i>		IDENTIFIC DIV. OF THE APP: 04-12 REVII SS I FI	PROVAL CATION STAMP STATE ARCHITECT 2492 INC: INC
ATION OF EXISTING WELL NO. 1 RELOCATE FIRE HYDRANT	AND 2		DRAWING NUMBER M-04 5 OF 7 DRAWINGS SCALE VERTICAL: 1"= AS HORIZONTAL: 1"= 5' DSA PROJECT NUMBER
(SCHOOL	DATE SUBMITT	ED: OCT 2023	04-122492 NV5 JOB NUMBER 21-0001154-01



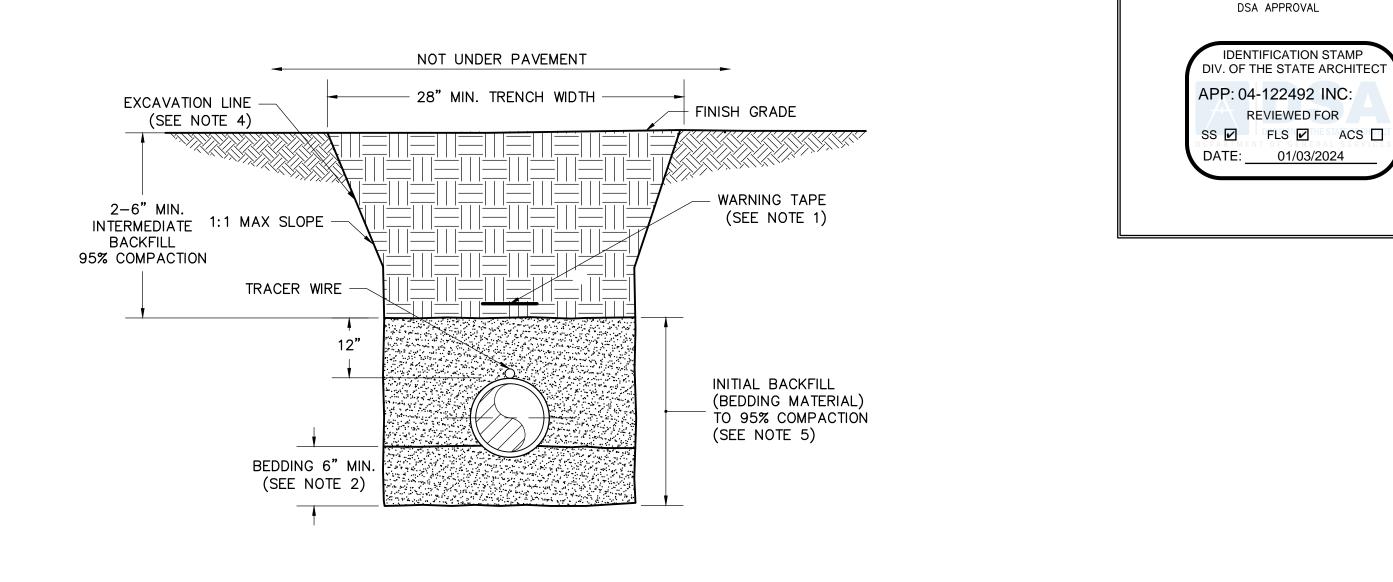


PRMECH.	
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wg; EXMA-WT-ViejasBlvd.dwg;	
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EXTO-2FT.dwg	
RMECH_TF.dwg;	
WellImp.dwg; P	

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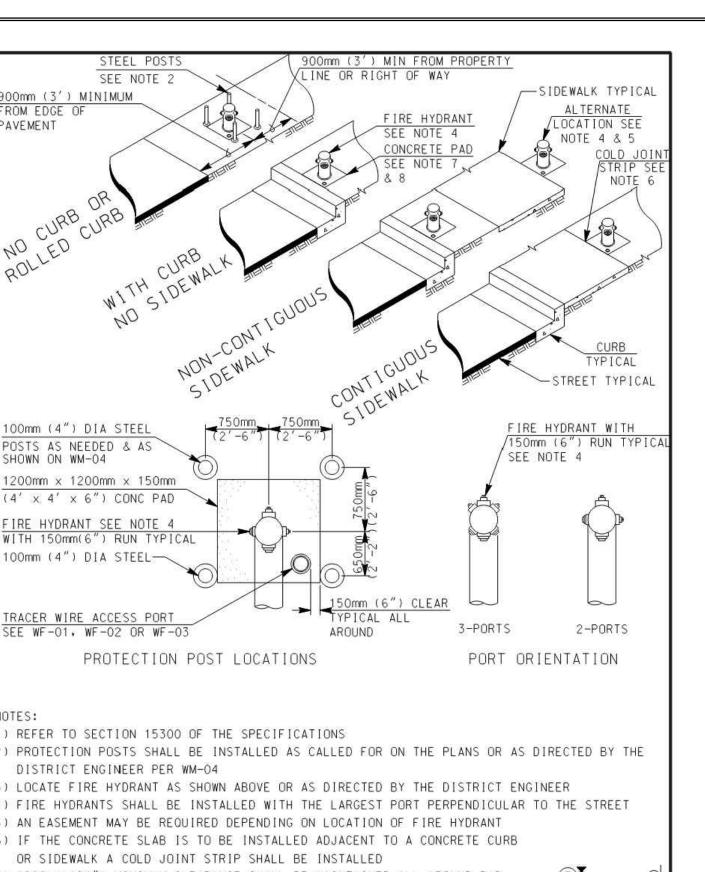
DESIGNER: _____JTW ____PROJ. MGR: ____JFO

CAUTION: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



TRENCH EXCAVATION AND BACKFILL NOTES: 1. SEE SDWAS WP-01 FOR BURIED WARNING TAPE AND TRACER WIRE.

- 2. TEMPORARY CUTBACK SHALL BE PLACED IMMEDIATELY AFTER BACKFILL.
- ONLY ALLOWED OUTSIDE PAVED AREA.
- PONDING AND JETTING ARE PROHIBITED.
- SAND (SE 20 OR BETTER).

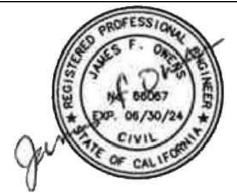


1200mm (24") MINIMUM CLEARANCE SHALL BE MAINTAINED ALL AROUND PAD WHEN INSTALLED WITH OR BY A WALL OR OTHER OBSTRUCTIONS) MATERIALS SHALL BE SELECTED FROM THE APPROVED MATERIALS LIST LEGEND ON PLAN WATER AGENCIES STANDARDS FIRE HYDRANT LOCATIONS COMMITTEE APPROVAL: 09/12/2008 AND PORT ORIENTATION DRAWING NUMBER: WF - O4



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REHABILITATION OF EXISTING WELL NO. 1 AND 2 WELL REHABILITATION - DETAILS

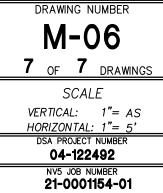


3. TRENCHES 5 FEET OR MORE IN DEPTH MUST BE GUARDED BY A SHORING SYSTEM, SLOPING THE GROUND OR OTHER EQUIVALENT MEANS. MAX. SLOPE: 1(H):1(V) SLOPE

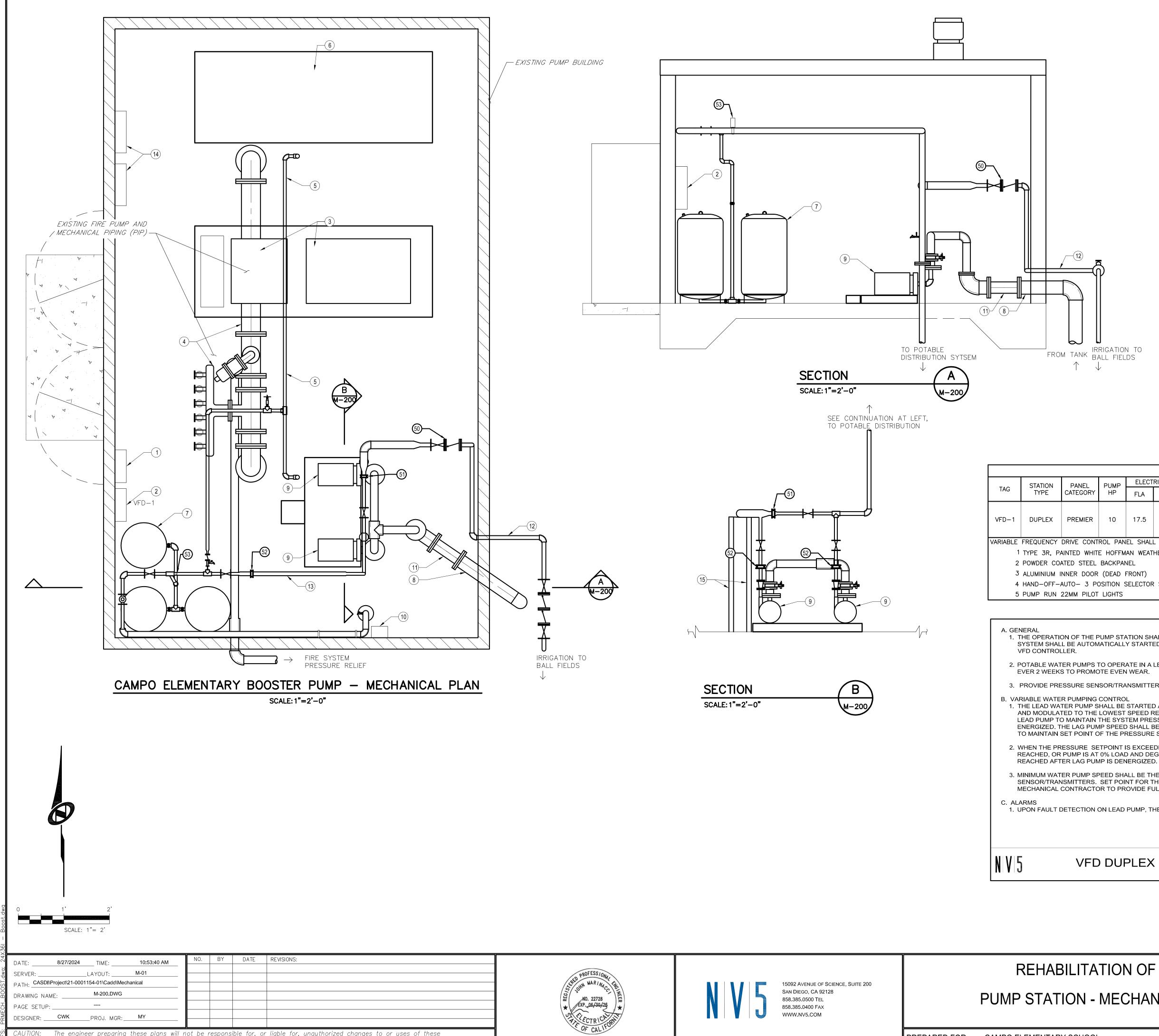
4. COMPACTION OF BEDDING AND BACKFILL SHALL BE BY MECHANICAL MEANS ONLY.

5. NATIVE SOILS MAY NOT BE SUITABLE FOR BACKFILL. BEDDING MATERIAL SHALL BE

STANDARD TRENCH DETAIL TYP . NOT TO SCALE



DATE SUBMITTED: OCT 2023



CAUTION: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

PREPARED FOR: CAMPO ELEMENTARY SC

C	ONSTRUCTION NOTES
	EXISTING WELL NO.1 AND 2 PUMP CONTROLS
2	EXISTING BOOSTER PUMP CONTROLS. REMOVE BOOSTER PUMP CONTROLS AND REPLACE WITH VARIABLE FREQUENCY DRIVE PUMP CONTROL PANEL
3	EXISTING FIRE PUMP AND DIESEL ENGINE
(4)	EXISTING FIRE PUMP MECHANICAL PIPING
5	EXISTING OVERHEAD FIRE SPRINKLER LINES FOR BOOSTER PUMP BUILDING
6	EXISTING FIRE PUMP GAS TANK AREA WITH RAISED CURB SECONDARY CONTAINMENT
\bigcirc	EXISTING HYDROPNEUMATIC TANKS SERVING DOMESTIC POTABLE WATER SYSTEM
8	EXISTING 6" PVC WATER PIPELINE FROM EXISTING WATER STORAGE TANK
9	EXISTING 10 HP BOOSTER PUMP (POTABLE WATER)
10	EXISTING ELECTRICAL APPURTENANCE - STORAGE TANK LEVEL SIGNAL SPLITTER BOX
(1)	EXISTING 6" DI COUPLING
(12)	EXISTING 2" PIPELINE TO EXISTING CES IRRIGATION SYSTEM
13	EXISTING PIPELINE FROM BOOSTER PUMPS TO DOMESTIC POTABLE WATER SYSTEM VIA EXISTING HYDROPNEUMATIC TANKS
14	EXISTING ELECTRICAL PANELS (480 V)
15	EXISTING PIPE SUPPORT
50	CONTRACTOR TO VERIFY PIPE MATERIAL, REMOVE CHECK VALVE AND INSTALL (2) BLIND FLANGES FOR FUTURE USE. VALVE SIZING TO MATCH EXISTING PIPE SIZE TO CREATE PHYSICAL SEPARATION FROM IRRIGATION SYSTEM
51	REMOVE EXISTNG AND INSTALL NEW 2" MUELLER 71 CLASS 125 STEAM SPECIALTY CHECK VALVE. REVERSE FLOW DIRECTION TO ALLOW FOR BOTH BOOSTER PUMPS TO SERVE DOMESTIC POTABLE WATER SYSTEM.
52	REMOVE EXISTING AND INSTALL NEW 2" MUELLER 71 CLASS 125 STEAM SPECIALTY CHECK VALVE.
63	NEW PRESSURE TRANSDUCER(PT-01), 4-20MA, 0-200 PSI, 1/4" NPT CONNECTED TO VFD PANEL

FOR REGULATING PUMP PRESSURE.

			VA	RIABL	E FREQUENCY DF	RIVE SCHE	EDULE		
ANEL EGORY	PUMP HP	ELECT FLA	RICAL SE	RVICE	OPERATION	UL LISTED	VFD MODEL	VFD CONTROLLER MODEL	REMARK
EMIER	10	17.5	208	3	MUNICIPAL WATER PUMPING, DUPLEX CONTROL PANEL FOR CONSTANT PRESSURE APPLICATION	508A	SCHNEIDER ELECTRIC ALTIVAR 320 SERIES VARIABLE FREQUENCY DRIVES, 17.5 MAX AMPS EACH	VFDC-4100	TWO PUMPS(E) WITH LEAD-LAG OPERATION
			L INCLUD						
			HERFLO	ENCLOSU	RE W/ PAD LOCKABLE H	IANDLE			
	BACKPAI								
	(DEAD								
- 3 POSITION SELECTOR SWITCHES									
1 PILOT LIGHTS									
F THE PUMP STATION SHALL BE BY VFD CONTROLLER. ONCE INITIALLY STARTED BY OPERATOR INPUT, THE WATER PUMPING AUTOMATICALLY STARTED AND STOPPED BY THE CONTROLLER UNTIL THE OPERATOR STOPS THE SYSTEM BY INPUT TO THE									
	UMPS TO OPERATE IN A LEAD LAG CONFIGURATION. LEAD PUMP TO BE REASSIGNED AS LAG, AND LAG ASSIGNED AS LEAD PROMOTE EVEN WEAR.								
RE SEN	ISOR/TRA	ANSMITTE	ERS LOCA	ATED AT	THE PUMP OUTLET HEADE	ER.			
PUMP S		STARTE					SLOWLY INCREASED IN 5% ENSOR/TRANSMITTERS. UP(

AND MODULATED TO THE LOWEST SPEED REQUIRED TO MAINTAIN SET POINT OF THE PRESSURE SENSOR/TRANSMITTERS. UPON FAILURE OF THE LEAD PUMP TO MAINTAIN THE SYSTEM PRESSURE, OR LEAD PUMP OPERATING BEYOND 70% OF FULL FLOW, THE LAG PUMP SHALL BE ENERGIZED. THE LAG PUMP SPEED SHALL BE SLOWLY INCREASED IN 5% INCREMENTS (ADJ.) AND MODULATED TO THE LOWEST SPEED REQUIRED TO MAINTAIN SET POINT OF THE PRESSURE SENSOR/TRANSMITTERS.

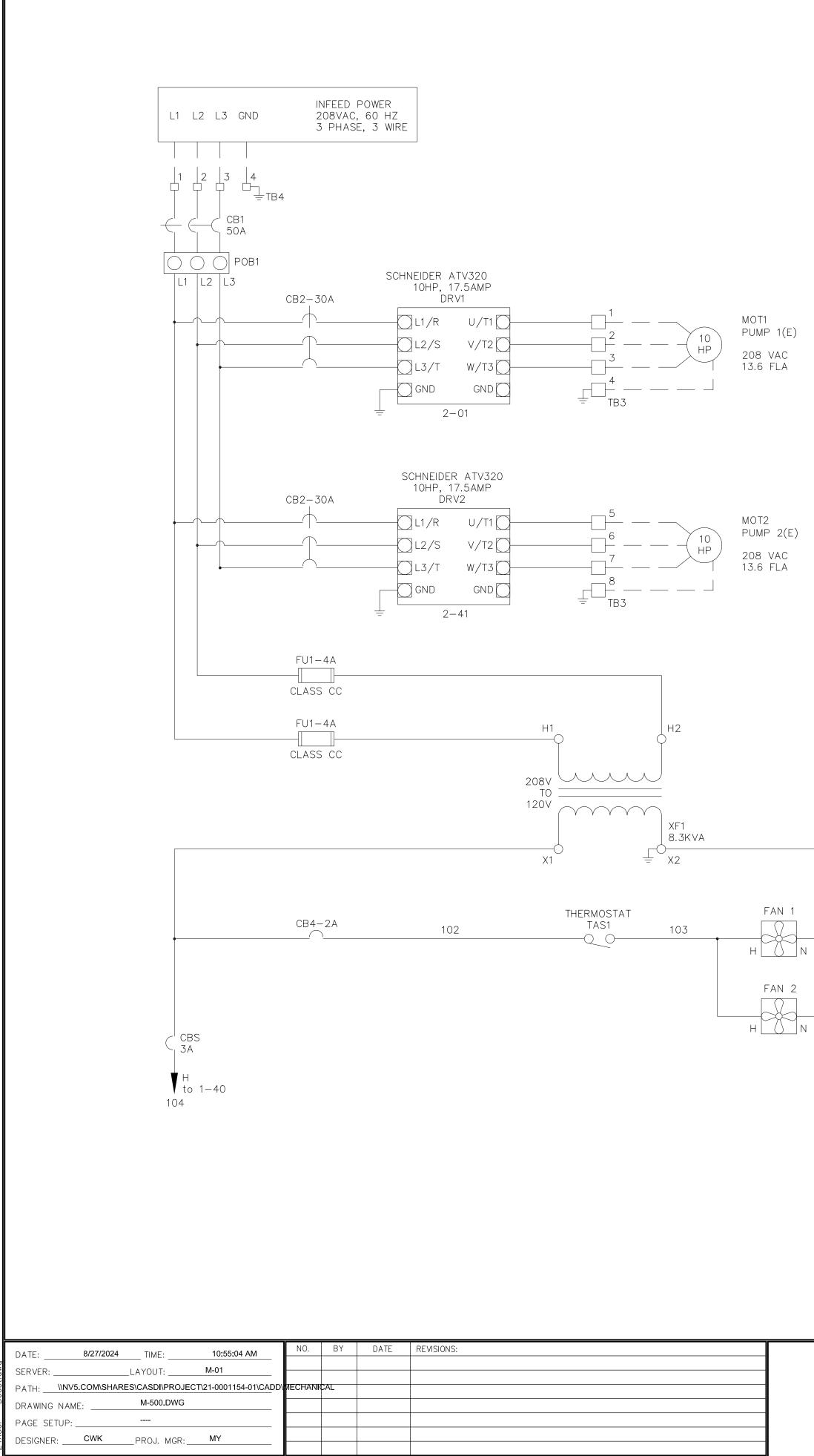
2. WHEN THE PRESSURE SETPOINT IS EXCEEDED, THE LAG PUMP SPEED SHALL BE DECREASED IN 5% INCREMENTS (ADJ.) UNTIL THE SETPOINT IS REACHED, OR PUMP IS AT 0% LOAD AND DEGENERGIZED. LEAD PUMP SPEED SHALL CONTINUE TO BE DECREASED UNTIL THE SET POINT IS

3. MINIMUM WATER PUMP SPEED SHALL BE THE LOWEST SPEED REQUIRED TO MAINTAIN SET POINTS OF WATER PRESSURE SENSOR/TRANSMITTERS. SET POINT FOR THE PRESSURE SENSOR SHALL BE ADJUSTABLE. THE FINAL SETTINGS COORDINATED WITH THE MECHANICAL CONTRACTOR TO PROVIDE FULL FLOW AT THE MOST REMOTE OUTLET POINT.

1. UPON FAULT DETECTION ON LEAD PUMP, THE LAG PUMP SHALL BE ASSIGNED AS LEAD AND VISUAL INDICATOR TO ANNUNCIATE FAULT.

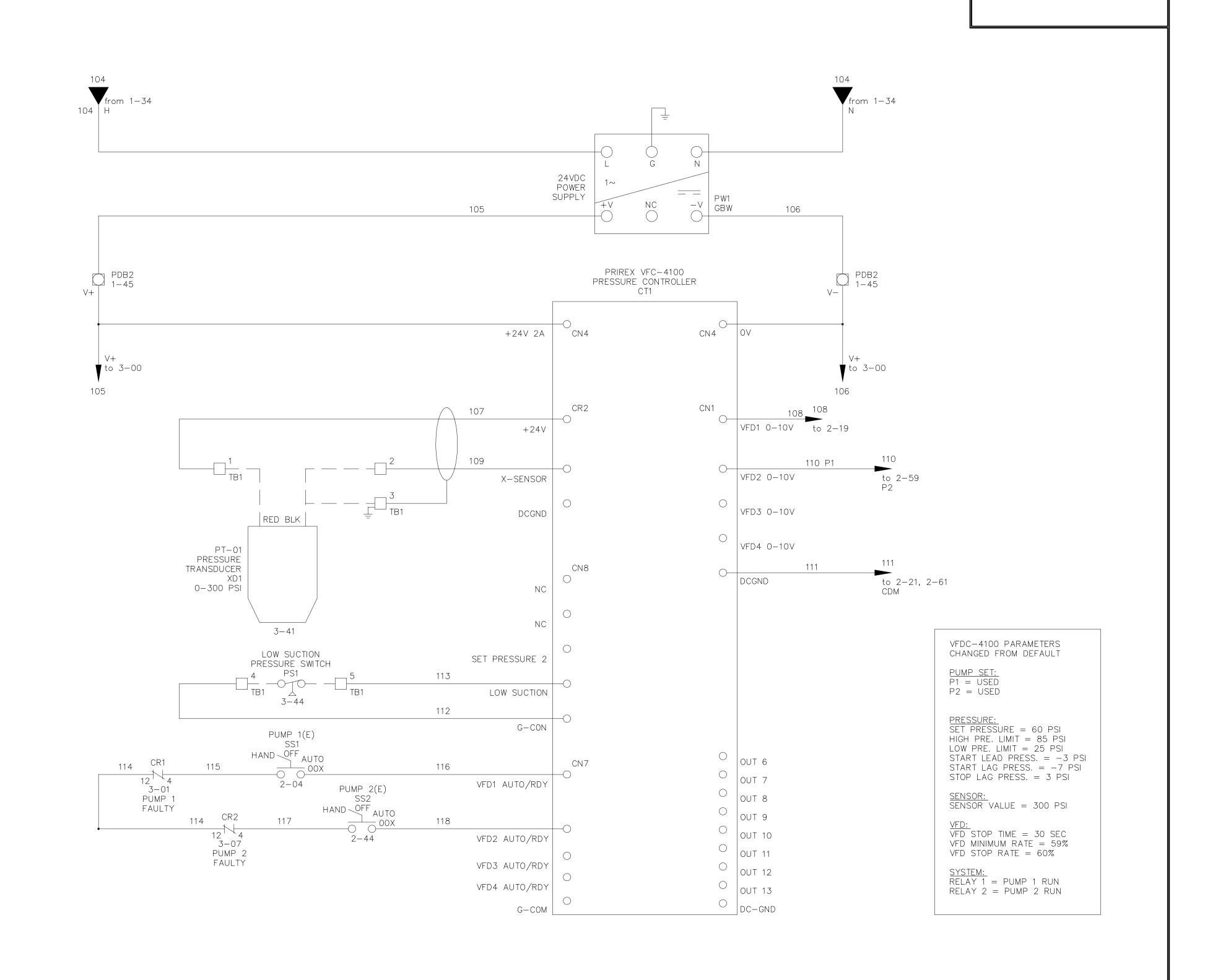
VFD DUPLEX PUMP STATION CONTROL SEQUENCE

ITATION OF EXISTING PUMP STATION	DRAWING NUMBER
N - MECHANICAL PLAN AND SCHEDULE	8 OF 11 DRAWINGS SCALE VERTICAL: 1"= AS HORIZONTAL: 1"= AS DSA PROJECT NUMBER 04-122492
CHOOL DATE SUBMITTED: FEB 2024	NV5 JOB NUMBER 21-0001154-01



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RFFS.



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PREPARED FOR: CAMPO ELEMENTARY SC

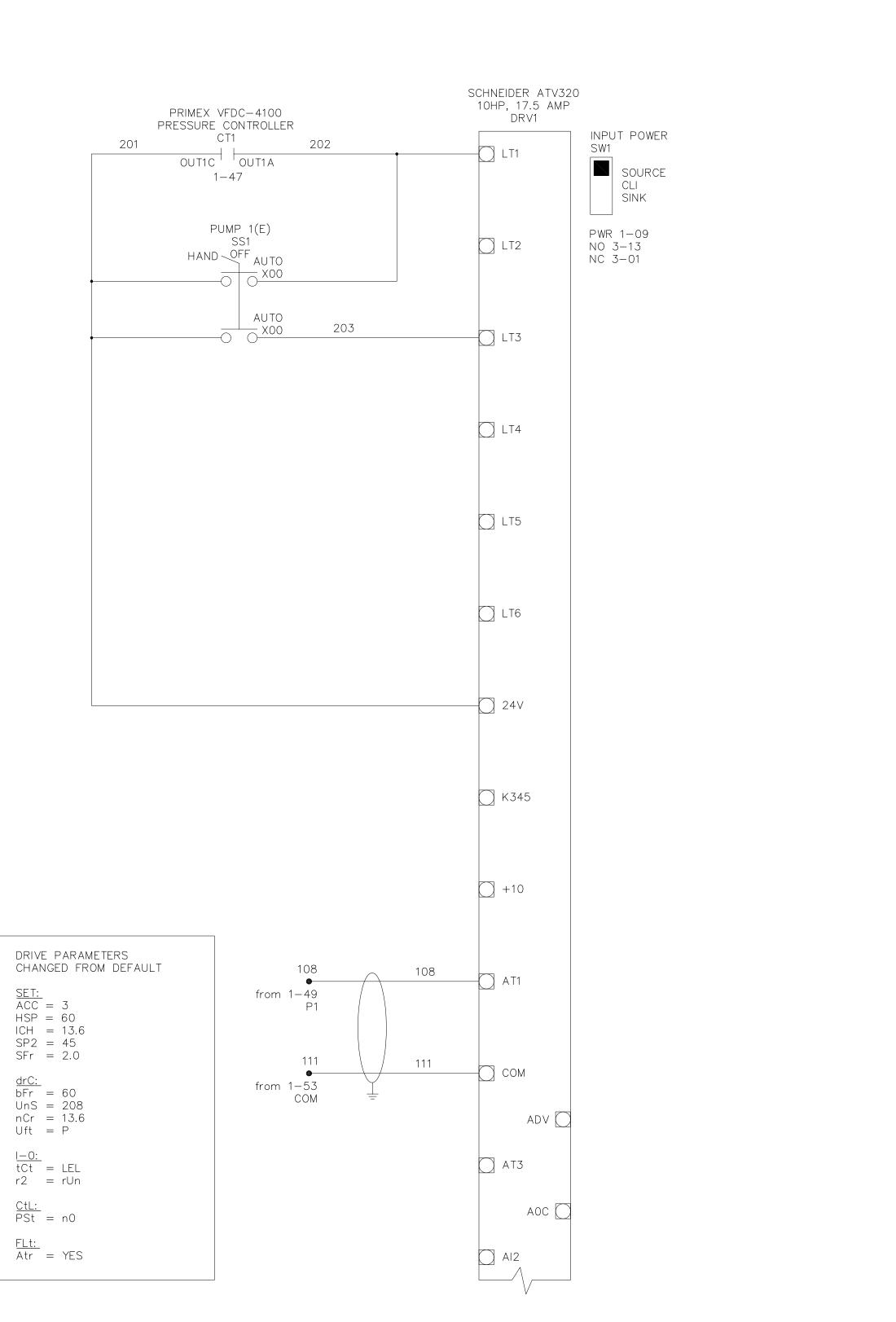


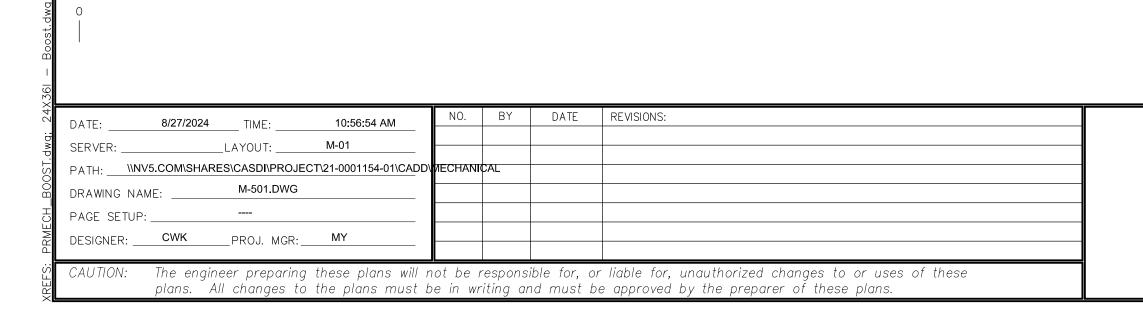


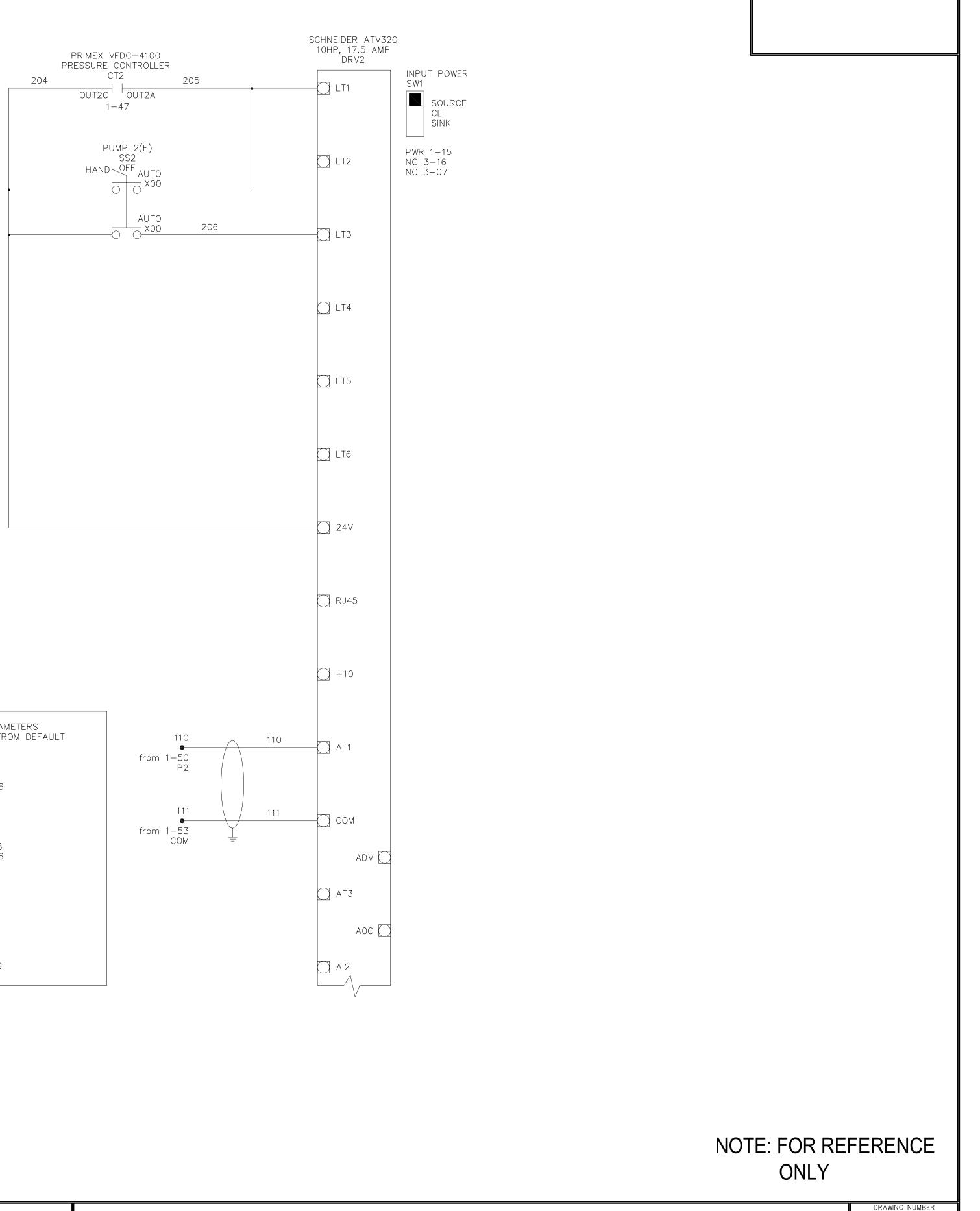
DSA APPROVAL

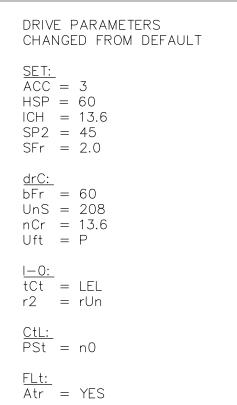
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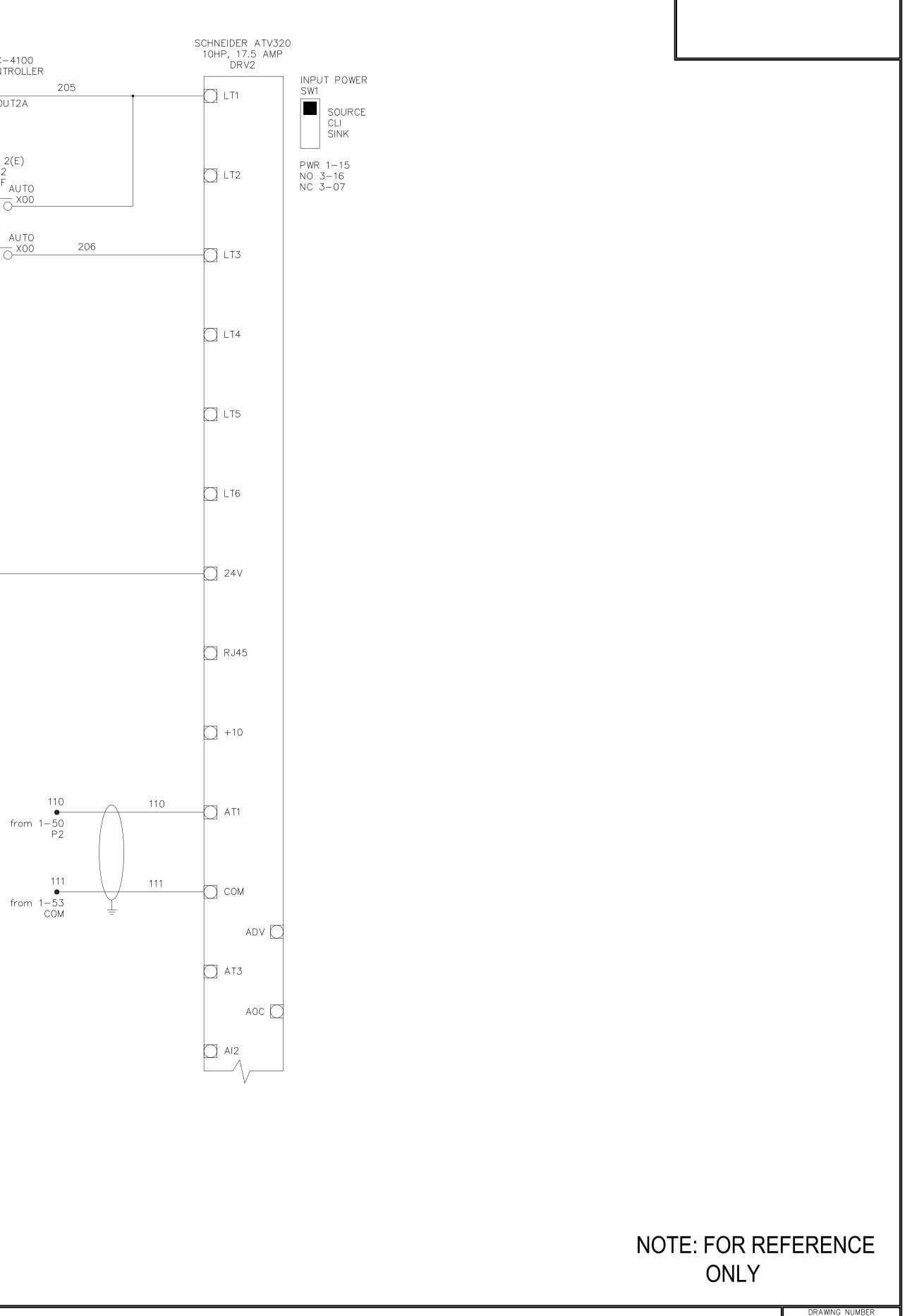
	M-500
CONTROL 1	9 OF 11 DRAWINGS SCALE VERTICAL: 1"= AS HORIZONTAL: 1"= AS DSA PROJECT NUMBER
CHOOL DATE SUBMITTED: FEB 2024	04-122492 NV5 JOB NUMBER 21-0001154-01















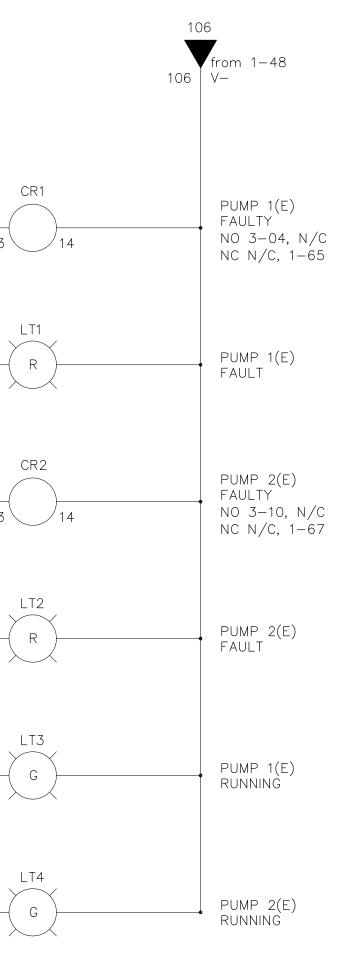
15092 AVENUE OF SCIENCE, SUITE 200 SAN DIEGO, CA 92128 858.385.0500 TEL 858.385.0400 FAX WWW.NV5.COM

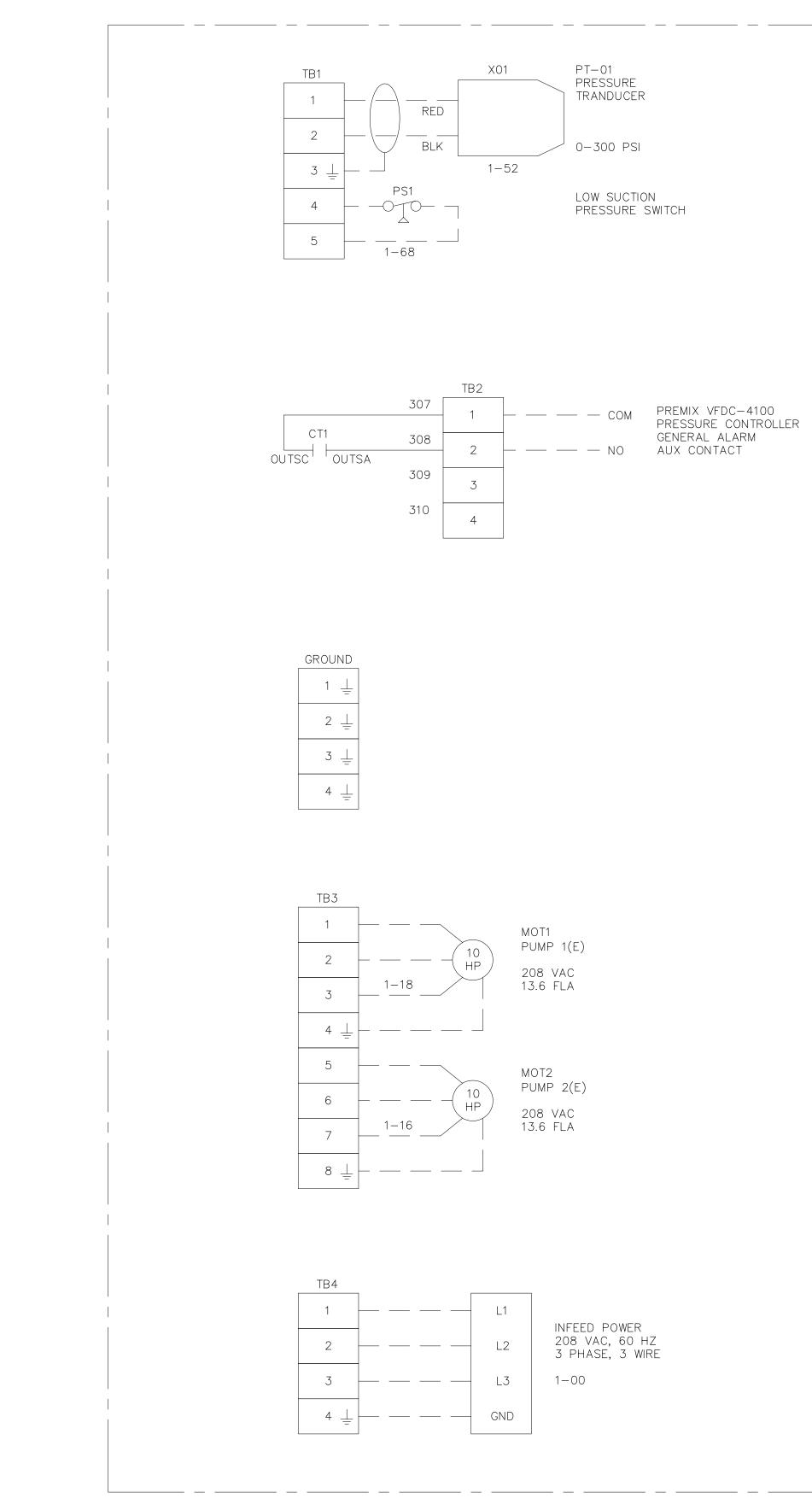
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DSA APPROVAL

LITATION OF EXISTING PUMP STATION	M-501 10 of 11 drawings
CONTROL 2	SCALE VERTICAL: 1"= AS HORIZONTAL: 1"= AS DSA PROJECT NUMBER 04-122492
HOOL DATE SUBMITTED: FEB 2024	NV5 JOB NUMBER 21-0001154-01

105 105 / fro 105 / V+	m 1-48				
	DRV1			301	C
	R1C R 2-03 SCHNEIDER A 10HP, 17.5	TV320			13
	CR1			302	
	9 5 3-01 PUMP 1(FAULT				
	DRV2			303	
	R1C 2-41 SCHNEIDER A 10HP, 17.5	TV320			13
	CR2			304	
	9 5 3-02 PUMP 2(FAULT	E)			
	DRV1	2.4		305	(
	2-01 Schneider A 10hp, 17.5	TV320			\succ
•	DRV2	2A		306	(
	2-41 SCHNEIDER A 10HP, 17.5	TV320			
DATE:		BY DATE	REVISIONS:		
PATH:NV5.COM\SHARES\CASDI\PROJE DRAWING NAME:M-502.DWG PAGE SETUP:	ECT\21-0001154-01\CADD\7/ECHAN				
DESIGNER: PROJ. MGR: CAUTION: The engineer preparing		responsible for, c	or liable for, unauth	norized changes to or uses of	these









15092 AVENUE OF SCIENCE, SUITE 200 SAN DIEGO, CA 92128 858.385.0500 TEL 858.385.0400 FAX WWW.NV5.COM

REHABI

DSA APPROVAL

- FIELD WIRING IS SHOWN — — — —
 TEMPERATURE RATING OF FIELD INSTALLED CONDUCTORS LESS THAN 100 AMPS MUST BE RATED 60 DEG C OR ABOVE. FIELD INSTALLED CONDUCTORS GREATER THAN OR EQUAL TO 100 AMPS MUST BE RATED 75 DEG C OR ABOVE.
 FIELD WIRING WILL ACCEPT COPPER CONDUCTORS ONLY.
 TORQUE RATING OF FIELD WIRING TERMINAL CLAMPING SCREWS:
- SCREWS:
- 13.3–15.9 IN/LBS FOR TB1–TB3 & GROUND 22.1–26.5 IN/LBS FOR TB4 5. MAIN SERVICE DISCONNECT PROVIDED BY OTHERS.

FIELD WIRING SECTION

NOTE: FOR REFERENCE ONLY

ILITATION OF EXISTING PUI	MP STATION		M-502 11 of 11 drawings
CONTROL 3			SCALE VERTICAL: 1"= AS HORIZONTAL: 1"= AS DSA PROJECT NUMBER 04-122492
CHOOL	DATE SUBMITTED:	FEB 2024	NV5 JOB NUMBER 21-0001154-01