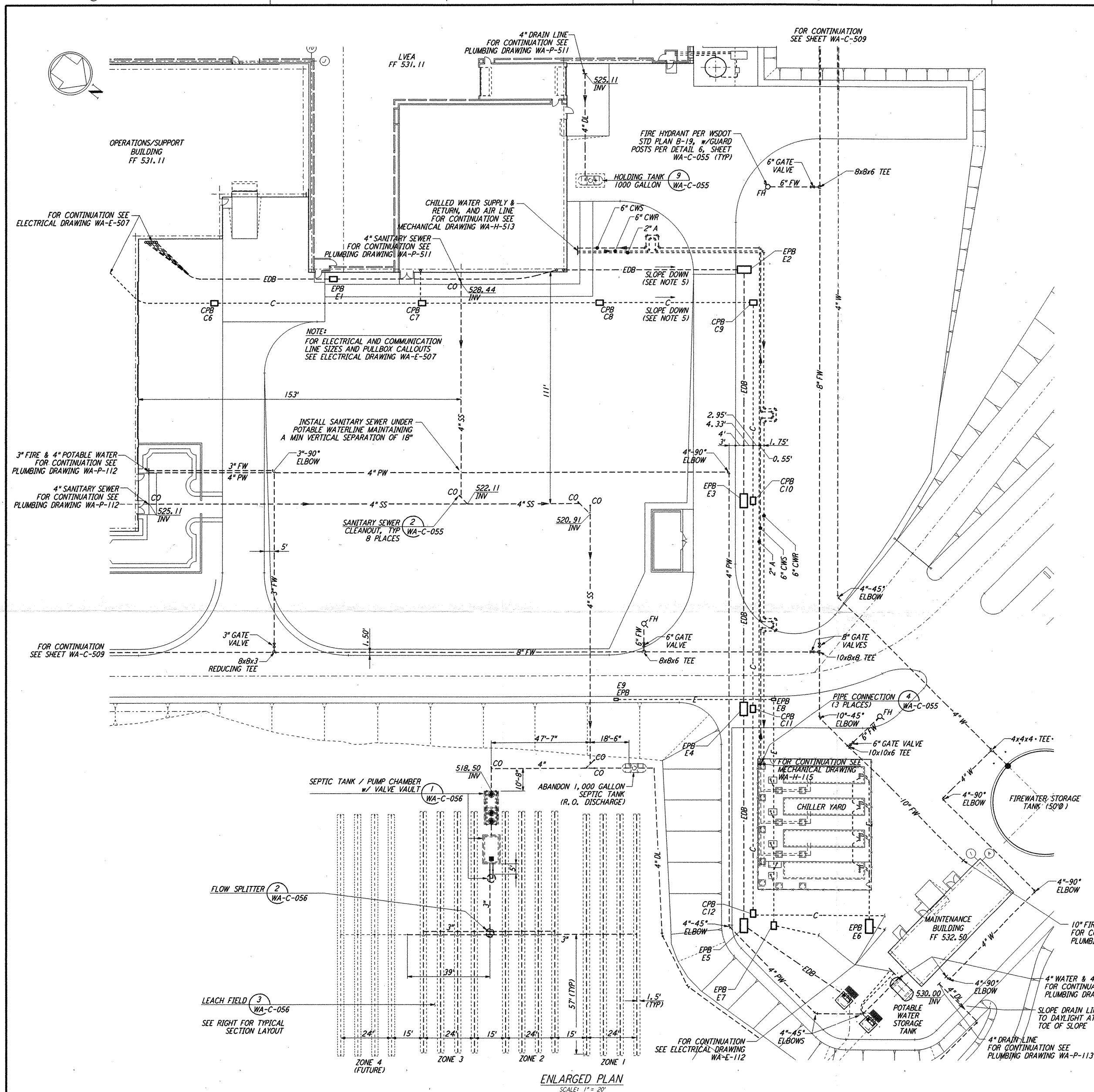


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COMMUNICATION PULL BOX LOCATIONS

CPB	COORDINATES	
	NORTH	EAST
C6	411019.6212	1915854.6469
C7	411098.5674	1915795.6032
C8	411166.5147	1915744.7855
C9	411224.9736	1915701.0642
C10	411281.8712	1915777.1408
C11	411341.7635	1915857.2215
C12	411400.8034	1915936.1624

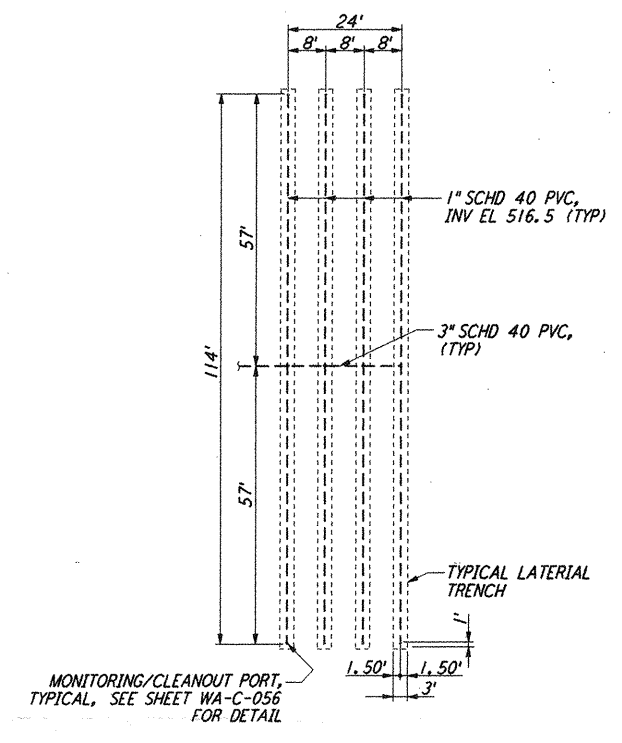
NOTE: COORDINATES ARE TO THE CENTER OF PULL BOX.

ELECTRICAL PULL BOX LOCATIONS

EPB	COORDINATES	
	NORTH	EAST
E1	411058.1263	1915811.3507
E2	411211.9940	1915690.9454
E3	411278.4011	1915779.7361
E4	411338.2937	1915859.8166
E5	411400.7777	1915943.3619
E6	411448.1159	1915907.9574
E7	411412.1916	1915934.8255
E8	411346.9645	1915847.6118
E9	411286.9041	1915892.5312

NOTE: COORDINATES ARE TO THE CENTER OF PULL BOX.

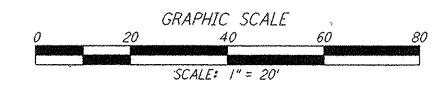
- NOTES:**
- SEE SHEET WA-C-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
 - ALL DIMENSIONS SHOWN FOR COMMUNICATION AND ELECTRICAL PULLBOXES ARE INTERNAL DIMENSIONS, UNLESS NOTED OTHERWISE.
 - COMMUNICATIONS CONDUIT SHALL STUB-UP INSIDE THE ACCESS FLOOR CAVITY TO AN ELEVATION THAT WILL PREVENT FLOODING OF CAVITY IF OUTDOOR UNDERGROUND CONDUIT RUNS ARE FILLED WITH WATER.
 - POLYETHYLENE PULL ROPES SHALL BE PROVIDED BETWEEN PULLBOXES AND STUB-UPS FOR EACH CONDUIT.
 - DUCT BANK SHALL SLOPE DOWN AWAY FROM BUILDING AS SHOWN ON PLAN.
 - GROUNDING MAT FOR PERSONNEL PROTECTION SHALL BE PREFABRICATED 4' X 6' SIZE 6' X 6' APART, WIRE NO. 6 AWG, 40X CONDUCTIVITY COPPERWELD, WITH CENTER WIRE # 1/0 AWG, ERICO MFR. CABLE TO MESH TYPE PT, MOLD PTC-1G2C, WELD METAL #6S.
 - GROUNDING MAT SHALL BE INSTALLED 12" DEEP MIN. ADJACENT TO HIGH VOLTAGE PRIMARY SIDE.
 - THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS AND TEES, FOR ALL PRESSURE LINES. SEE DETAIL 3, SHEET WA-C-055 FOR SIZES.
 - SEE DETAIL 5, SHEET WA-C-055 FOR TRENCH BEDDING REQUIREMENTS.



TYPICAL LEACH FIELD ZONE
 SCALE: 1" = 20'
 (4 ZONES TOTAL, 3 INITIALLY, 1 FUTURE)

- NOTES (SANITARY SEWER SYSTEM):**
- THE CONTRACTOR SHALL COORDINATE CONNECTION TO SANITARY SEWER STUBOUTS BY OTHERS.
 - P.V.C. GRAVITY SANITARY SEWER LINES SHALL BE PVC ANSI/ASTM D3034 SDR35 BELL AND SPIGOT JOINTS WITH ELASTOMERIC GASKETS CONFORMING TO ASTM D3212. GASKETS SHALL BE MANUFACTURED BY PIPE MANUFACTURER.
 - INSTALL SIGNS AT THE ENDS OF EACH LATERAL AND MANIFOLD PIPE (1.4 SIGNS). MOUNT EACH SIGN ON A FENCE POST PAINTED A HIGH VISIBILITY. SIGNS SHALL BE CONSTRUCTED OF METAL WITH WEATHERPROOF PAINT. SIGNS SHALL HAVE WHITE BACKGROUND WITH 3" HIGH RED LETTERING STATING "SUBSURFACE DRAINFIELD - KEEP OFF". PAINT LETTERS CLEAN AND LEGIBLE.
 - SEPTIC TANK INSTALLATION SHALL BE COMPLETED BY AN INSTALLER LICENSED OR CERTIFIED BY THE BENTON-FRANKLIN HEALTH DISTRICT. SEPTIC TANK MUST REMAIN UNCOVERED UNTIL INSPECTION AND APPROVED BY THE DEPARTMENT OF HEALTH AND THE ENGINEER.
 - LOCATION OF TEST PIT IS APPROXIMATE.
 - SEE SHEET NUMBER WA-C-056 FOR SEPTIC TANK, PUMP CHAMBER, AND VALVE DETAILS.
 - TRANSPORT AND LATERAL PIPING SHALL BE LAID HORIZONTAL (10% SLOPE).
 - ALL DRAINFIELD PIPELINES MUST REMAIN UNCOVERED UNTIL INSPECTED AND APPROVED BY THE DEPARTMENT OF HEALTH.

LIGO-D960244-01-0



NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	5/15/98	WRB	CB	PK		ISSUED FOR AS-BUILT

FOR CONSTRUCTION

DRAWN	WRB	10/5/95
CHECKED	ML	7/9/96
ENGINEER	JB	7/9/96
PROJ	MDW	7/9/96

AS-BUILT DRAWINGS

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 1 - HANFORD, WASHINGTON

CIVIL CORNER STATION
 UTILITY PLAN
 ENLARGED PLANS

SCALE: 1" = 20'
 SHEET NUMBER: PPI50969
 PROJECT NUMBER: 8094

WA-C-510

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