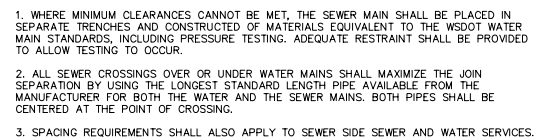


NOT TO SCALE



- NOTES:
1. EXTENSIONS SHALL BE 6" ASTM D 3034 SDR 35 PVC PIPE (ONE PIECE)
 2. VALVE BOX SHALL BE U.S. FILTER/PACIFIC WATER WORKS NO. 910 OR EQUAL.
 3. THE LID SHALL INCLUDE THE "W" IN THE DESIGN.
 4. THERE SHALL BE 1/2" CLEARANCE UNDER THE PIN CAST INTO THE LID.

NOT TO SCALE



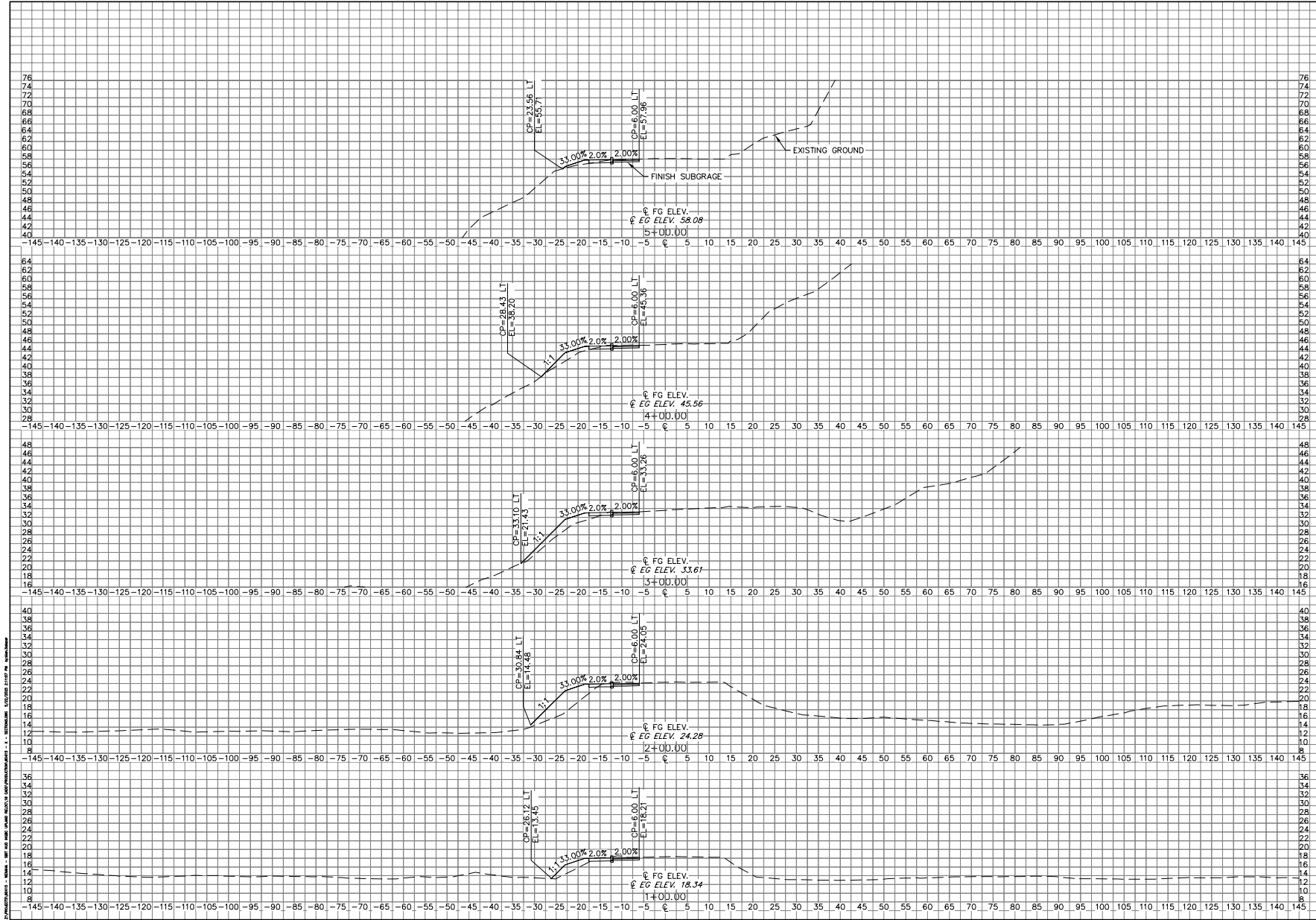
NOT TO SCALE

SBIT HUD/IHGC
SHOALWATER BAY INDIAN TRIBE
TOKELAND, WA
STORM DRAIN & UTILITY DETAILS



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2103 NE 129TH STREET
SUITE 201
VANCOUVER, WA 98686
TEL: (360) 448-7999
FAX: (360) 258-0274
www.red-plains.com

[illegible]



PRELIMINARY ONLY

SHOALWATER BAY TRIBE
TOKELAND, WA

CROSS SECTIONS

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RED PLAINS PROFESSIONAL, INC.
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VANCOUVER, WA 98006
TEL: (360) 448-7999
FAX: (360) 258-0274
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NO.	DATE	REVISIONS	DESCRIPTION

PROJ. 60415

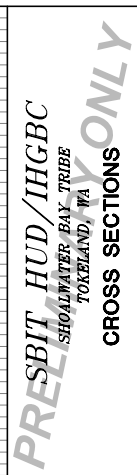
SHT. X1



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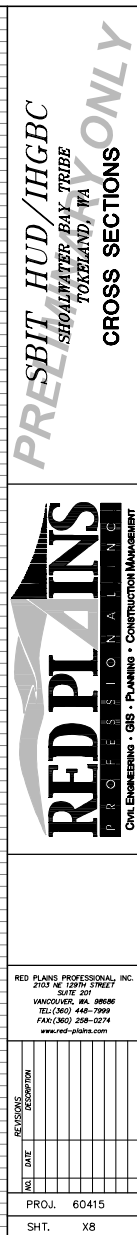
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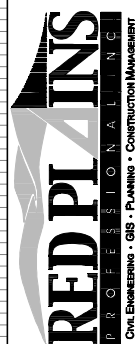
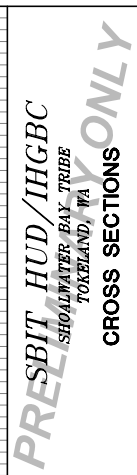
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INCLUDED FOR REFERENCE ONLY

JAKE'S HOUSE

DUPLEX TEE

NODE A

DUPLEX 1 SERVICE

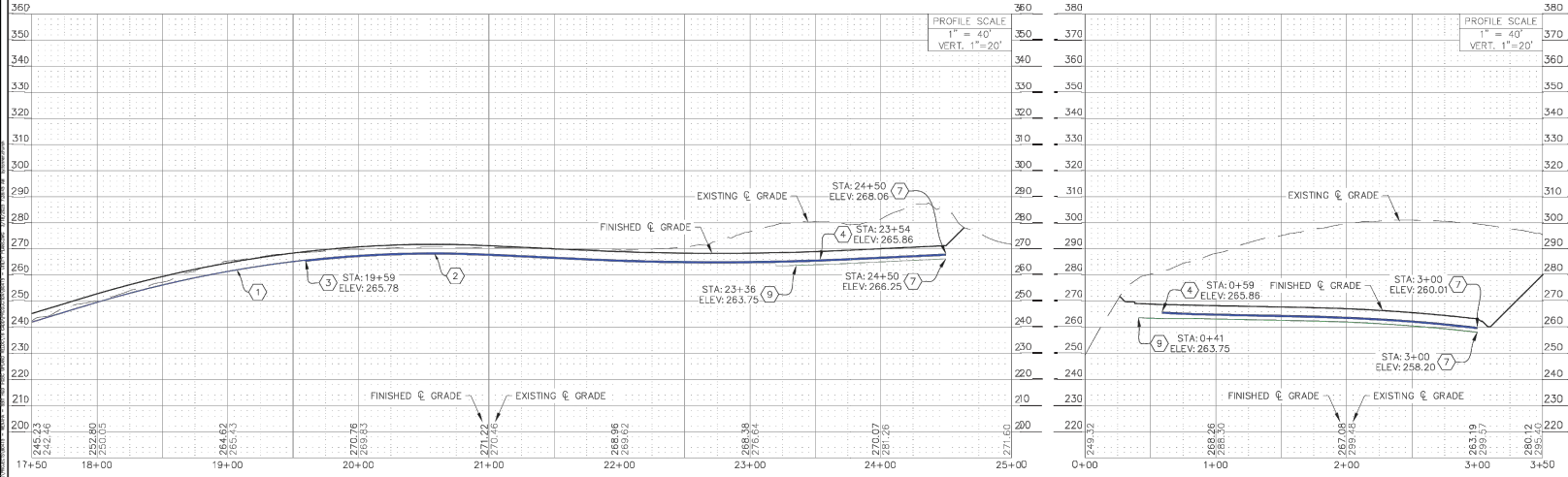
PUMPHOUSE AND WELL

DUPLEX 2 SERVICE

- 1 INSTALL 3 INCH WATER LINE W/ 3' MIN. COVER TYP.
- 2 INSTALL 8 INCH WATER MAIN W/ 3' MIN. COVER TYP.
- 3 INSTALL:
(1) 8" MJ X MJ X MJ TEE & THRUST BLOCK
(2) 8" GATE VALVE MJ X FLG
SOUTH BRANCH OF TEE INSTALL:
(1) 8" X 3" MJ X MJ REDUCER CONCENTRIC
(1) 3" GATE VALVE MJ X FLG
- 4 INSTALL:
(1) 8" MJ X MJ X MJ TEE & THRUST BLOCK
(3) 8" GATE VALVES MJ X FLG
- 5 INSTALL 2" SERVICE PER DETAIL SHT. 22
- 6 INSTALL AIR RELEASE VALVE PER DETAIL SHT. 14
- 7 INSTALL BLIND FLANGE W/ END MARKER PER DETAIL SHT. 22
- 8 INSTALL 3" SANITARY SEWER FORCE MAIN W/ 5.17' MIN COVER TYP.
REFER TO SEPARATION DETAIL, SHT. 23 FOR MIN. CLEARANCE
- 9 INSTALL:
(1) 3" MJ X MJ X MJ TEE
(1) CLEANOUT
(2) 3" GATE VALVE MJ X FLG
SOUTH BRANCH OF TEE INSTALL:
(1) 3" GATE VALVE MJ X FLG
(1) BLIND FLANGE
- 10 INSTALL SERVICE CONNECTION PER DETAIL SHT. 23
- 11 PROPOSED PUMP HOUSE LOCATION
- 12 REFER TO HDPE FUSED CROSSING DETAIL SHT. 22 TO AVOID CROSSING UTILITY CONFLICTS IF NEEDED
- 13 INSTALL JOINT TRENCH
- 14 REMOVE AND RELOCATE EXISTING ELECTRICAL LINE TO JOINT TRENCH STA: 7+24 TO STA: 19+48
- 15 INSTALL ELECTRICAL LINE TO PROPOSED PUMP HOUSE
- 16 EXISTING ELECTRICAL LINE
- 17 EXISTING TRANSFORMER
- 18 EXISTING WELL

RAISE LOOP & PROFILE

FOREST ROAD & PROFILE



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TOKELAND, WA

WATER SYSTEM UPGRADES

RED PLAINS
PROFESSIONAL ENGINEERING

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NO.	DATE	REVISIONS	DESCRIPTION

PROJ. 60415
SHT. W2



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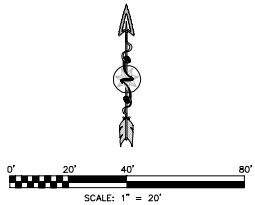
- INSTALLATION NOTES:**
1. RESERVOIR SHALL BE THOROUGHLY RINSED WITH POTABLE WATER BEFORE FILLING. UPON FILLING, THE RESERVOIR SHALL BE CHLORINATED TO A CONCENTRATION OF 50 PPM FOR 24 HOURS.
 2. DISINFECTION WATER SHALL BE DECHLORINATED WITH SODIUM THIOSULFATE BEFORE BEING DISCHARGED TO SURFACE WATERS.
 3. CHLORINATED WATER MAY BE DISCHARGED TO THE WELLDRAWER OR ONTO THE GROUND, PROVIDED THE DISCHARGED WATER DIRECTLY REACHES SURFACE WATER. ALL DISCHARGED WATER MUST DRAIN AWAY FROM THE PUMPHOUSE AND WELLDRAW.
 4. A SATISFACTORY COLIFORM SAMPLE MUST BE TAKEN DOWNSTREAM OF THE RESERVOIR BEFORE PUTTING THE RESERVOIR INTO SERVICE.
 5. ALL PENETRATIONS ON THE TANK SHALL BE BULKHEAD FITTINGS
 6. DIMENSIONS IN PARENTHESIS () ARE FOR REFERENCE ONLY.
 6. ALL COMPONENTS IN DIRECT CONTACT WITH POTABLE WATER SHALL BE NSF CERTIFIED.

RLVIS ON DESCRIPTION PRELIMINARY		DATE 4/6/25	WELL 3,000-GALLON NORWESCO CROSS SECTION
FR F NO. 240107		FR F NAME TANK SECTION	SHEET NO. 1 OF 1
DATE APRIL 9, 2025		SCALE 5/8" = 1'	
NORTHWEST WATER SYSTEMS DESIGN-CONSULTING-MANAGEMENT P.O. BOX 123 PORT ORCHARD, WA 98366 (360) 876-0958			



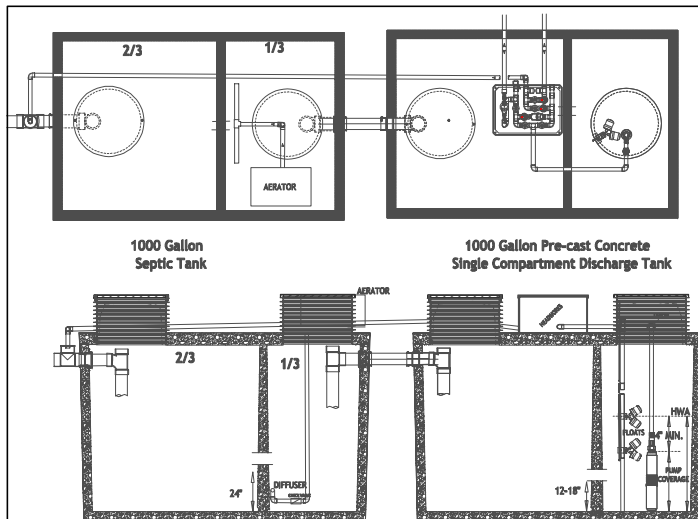
1. LAP SIDING MAY BE SUBSTITUTED FOR 7-1/2".
2. METAL ROOFING OR CEDAR SHAKES OVER PURLINS MAY BE SUBSTITUTED FOR 3-TAB OVER SHEATHING.
3. PUMPHOUSE SHALL BE PAINTED USING GOOD QUALITY EXTERIOR LATEX PAINT. COLOR CHOSEN BY OWNER.
4. ALL WIRING SHALL CONFORM TO L&I REGULATIONS.
5. PUMPHOUSE SHALL BE EQUIPPED WITH ONE OVERHEAD LIGHT AND AT LEAST ONE DUPLEX GFI OUTLET.
6. DRAWING SHOWS INTENT OF BUILDING DESIGN TO ACCOMMODATE WATER SYSTEM STRUCTURE. EXACT CONSTRUCTION DETAILS MAY DIFFER PROVIDED BASIC PUMPHOUSE REQUIREMENTS ARE MET. PUMPHOUSE DRAWING IS SCHEMATIC ONLY, NOT FOR CONSTRUCTION. INSTALLING CONTRACTOR MUST FOLLOW APPLICABLE BUILDING CODE.

REVISION DESCRIPTION DATE		TITLE EAGLE HILL SUBDIVISION	
PRELIMINARY 3/24/25		FILE NO. 240701 FILE NAME HOUSEPLAN SHEET NO. 1 OF 1	
DATE MARCH 24, 2025		SCALE NTS	
NORTHWEST WATER SYSTEMS, INC. DESIGN - CONSULTING - MANAGEMENT P.O. BOX 123 PORT ORCHARD, WA 98366 (206) 876-0588			

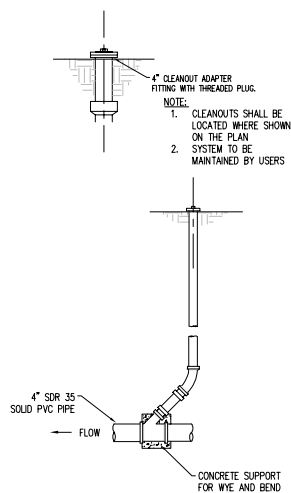


1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THIS WORK.
2. MAINTAIN 10' MINIMUM HORIZONTAL AND 1.5' MINIMUM VERTICAL SEPARATION FROM WATER MAINS.
3. THE CONTRACTOR SHALL VERIFY DIA. LENGTH, CONDITION, PIPE TYPE, SLOPE AND VERTICAL AND HORIZONTAL ALIGNMENT OF THE EXISTING ALIGNMENT TO THE PROPOSED POINT OF CONNECTION PRIOR TO CONNECTION AND REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO CONNECTION.
4. STATIONS AND OFFSETS FOR MANHOLES ARE CALLED OUT TO CENTER OF STRUCTURE.
5. SEPTIC TANKS TO BE A MINIMUM OF 5' MINIMUM FROM ALL BUILDING FOUNDATION.
6. ALL PIPING TO BE A MINIMUM OF 3' BELOW GRADE. INSULATE ANY PIPING LESS THAN 3' BELOW GRADE (SEE PIPE INSULATION DETAIL ON SS-02).
7. NO 90 DEGS. 45, 22.5, AND 11.25 DEGS ONLY.
8. CLEANCUTS TO BE WITHIN 5' OF THE BUILDING FOOTPRINT.
9. CONTRACTOR TO ENSURE ALL BURIED PIPING IS PROPERLY PROTECTED OR REMAINS BELOW ORDINARY FROST DEPTH.
10. ALL GRAVITY PIPING TO BE LAD AT A MINIMUM 2% SLOPE.
11. ALL LOCATIONS APPROXIMATE AND TO BE CONFIRMED IN FIELD BY CONTRACTOR.

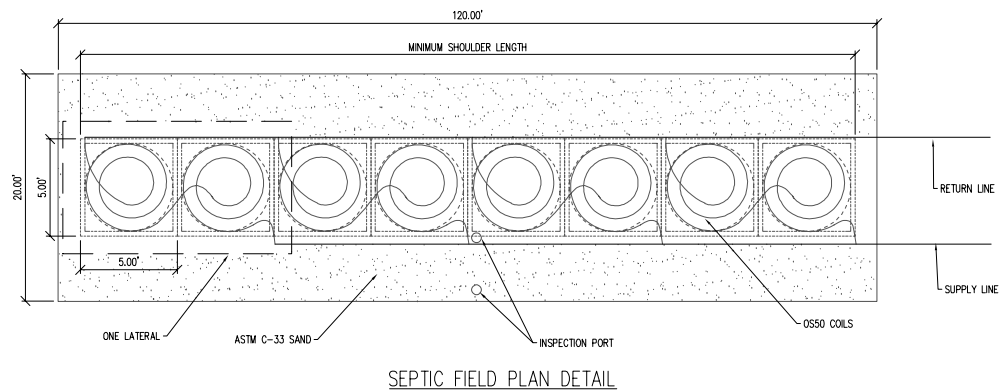
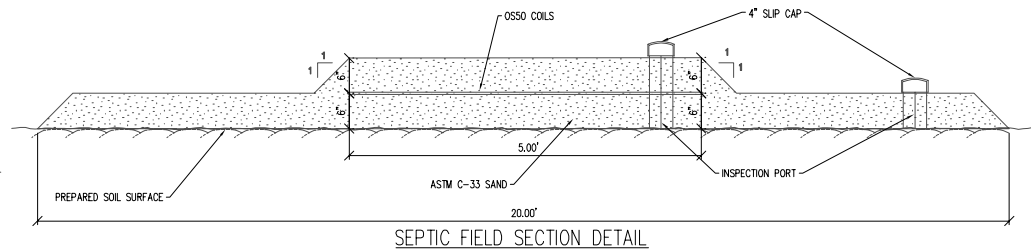




OSCAR X02 TANK DETAIL



CLEAN OUT DETAIL



1. DESIGN AS INSTALLED SHALL CONFORM TO ALL CURRENT ELECTRICAL CODES APPLICABLE TO PROJECT JURISDICTION. THIS INCLUDES ALL AND ALL APPLICABLE LOCAL, STATE, AND/OR NATIONAL CODES.
2. ANY SUBCONTRACTOR(S) EMPLOYED BY THE CONTRACTOR SHALL BE HELD TO THE SAME STANDARDS AND REQUIREMENTS AS THE CONTRACTOR, AND ALL WORK THE SUBCONTRACTOR(S) PERFORM SHALL BE ASSIGNED AS SUCH TO THE CONTRACTOR.
3. CONTRACTOR SHALL PROVIDE COMPLETED AND FUNCTIONAL ELECTRICAL SYSTEMS AS SPECIFIED, AS SHOWN ON DRAWINGS, AS REQUIRED, AND PER DESIGN INTENT.
4. ALL ELECTRICAL EQUIPMENT SHALL BE NEW, OF LIKE MATERIALS, AND PROCURED THROUGH AUTHORIZED DISTRIBUTORS. EQUIPMENT SHALL BE OF THE SAME MAKE SPECIFIED ON DRAWINGS. EQUIPMENT SHALL BE LISTED FOR ITS USE AND SHALL MEET WASHINGTON LISTING REQUIREMENTS.
5. CONTRACTOR SHALL WARRANT WORK, MATERIALS, AND EQUIPMENT FOR A PERIOD OF ONE-YEAR. THIS REQUIREMENT SHALL NOT LIMIT, RESTRICT, OR OTHERWISE LESSEN ANY WARRANTY PROVIDED BY EQUIPMENT MANUFACTURER'S STANDARD WARRANTY IF GREATER THAN ONE-YEAR.
6. CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL ELECTRICAL EQUIPMENT AND SPECIFICATIONS. STANDARD CUT-SHEETS SHALL BE PROVIDED THAT CLEARLY INDICATE MODELS TO BE INSTALLED.
7. ALL ELECTRICAL WORK SHALL COMPLY WITH NFPA 70E ARC FLASH RUSH, WHICH SHALL INCLUDE AN ARC FLASH ANALYSIS AND ARC FLASH LABEL FOR THE INSTALLER'S CARE.
8. UNLESS THE OWNER/TRIBE DETERMINES ITS SOLE DISCRETION TO REQUIRE OTHERWISE, CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS. CONTRACTORS SHALL BE REQUIRED TO ATTEND A PRE-TASK MEETING WITH THE PROJECT MANAGER AND ELECTRICAL SUPERVISOR PRIOR TO DISCUSSING ANY PERMITS. WHEN FEASIBLE, MARK PROCEDURES FOR ALL ELECTRICAL WORK TO BE PERFORMED ON THE PROJECT.
9. ELECTRICAL WORK SHALL BE PERFORMED UNDER ELECTRICALLY SAFE CONDITIONS. CONTRACTOR SHALL TAG-OUT NFPA 70E.
10. CONTRACTOR SHALL CALL U-Dig 811 AT LEAST 2-BUSINESS DAYS BEFORE DIG OR TRENCH PER REVISED CODE OF WASHINGTON (RCW 19.122-SCEN & MARK SUGGESTED ROUTING FOR UTILITIES & (HARDWARE) PRIOR TO TRENCHING ACTIVITIES. DO NOT DISTURB UTILITIES, PIPING, AND/OR CABLES. WHEN FEASIBLE, MARK THE ANTICIPATED ROUTING (WITH WHITE PAINT; THIS HELPS LOCATING PERMITTERS FIND THE RIGHT AREA AND LOCATE NEARBY FACILITIES LOCATED AS POSSIBLE).

- A. ALL UNDERGROUND CONDUIT SWEEPS SHALL BE 36" LONG RADIIUS SWEEPS, UON.
- B. ADJACENT UNDERGROUND UTILITY CONDUITS OF SAME TYPE SHALL BE ZIPPED TOGETHER, MAINTAIN MINIMUM TRENCH DEPTH REQUIREMENTS FOR ALL CONDUITS AT ALL TIMES.
- C. CONTRACTOR SHALL HAVE LOCATES PERFORMED PRIOR TO ANY EXCAVATION.
- D. CONTRACTOR SHALL PROVIDE UTILITY MARKER WARNING TAPE FOR ALL APPLICABLE UNDERGROUND CONDUIT RUNS PER UTILITY REQUIREMENTS.
- E. CONTRACTOR SHALL COORDINATE WITH UTILITY FOR EXACT CONDUIT SWEEP LOCATIONS AS WELL AS QUANTITIES OF CONDUITS BEING SWEPT UP AT CREEK/PREDATOR LOCATIONS.
- F. CONTRACTOR SHALL MAINTAIN PROPER CONDUIT CROSSING CLEARANCE REQUIREMENTS.
- G. CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL OTHER UTILITIES.

1P	ONE POLE	MISC	MISCELLANEOUS
2P	TWO POLE	(N)	NEW
3P	THREE- POLE	N, NEUT	NEUTRAL
1W	ONE WIRE	N/A	NOT APPLICABLE
2W	TWO WIRE	NEC	NATIONAL ELECTRICAL CODE
3W	THREE WIRE	NECA	NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION
4W	FOUR WIRE	NF	NON--FUSED
A	AMPERE, AMP	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
AIC	AMPERE INTERRUPTING CAPACITY		
AL	ALUMINUM	#	NUMBER
ARCH	ARCHITECT, ARCHITECTURAL	OP	OVERHEAD POWER
AWG	AMERICAN WIRE GAUGE	OT	OVERHEAD TELCO
BLDG	BUILDING	P	POLE
C	CONDUIT, CONTROL, CONTINUOUS	PE	PRIMARY ELECTRIC (SERVICE)
CATV	CABLE TELEVISION	PH, #	PHASE
CKT	CIRCUIT	PHH	POWER HANDHOLE
CU	COPPER	PV	POWER VAULT
D	DEPTH	PVC	POLYVINYL CHLORIDE CONDUIT
DB	DIRECT BURIED	PWR	POWER
DED	DEDICATED	RCPT	RECEPTACLE
DET	DETECTOR	RGS	RIGID GALVANIZED STEEL
DIV	DIVISION	RMC	RIGID METALLIC CONDUIT
(E)	EXISTING, EXISTING TO REMAIN	RNC	RIGID NON--METALLIC CONDUIT
ELEC	ELECTRIC(AL)	RSC	RIGID STEEL CONDUIT
EOR	ENGINEER OF RECORD	RT	RAINTIGHT
EQUIP	EQUIPMENT	RSC	RIGID STEEL CONDUIT
(F)	FUTURE	SCH	SCHEDULE
G, GND	GROUND, GROUNDED	SEC	SECONDARY
GC	GENERAL CONTRACTOR	SP	SPARE
GRC	GALVANIZED RIGID CONDUIT	TC	TELEPHONE CABINET
GRS	GALVANIZED RIGID STEEL (CONDUIT)	TEL	TELEPHONE
H	HEIGHT	TEMP	TEMPORARY
HH	HANDHOLE	TV	TELEVISION
HV	HIGH VOLTAGE	TYP	TYPICAL
ID	IDENTIFICATION	U	UP
IG	ISOLATED GROUND	UG	UNDERGROUND
J, JB	JUNCTION BOX	UGP	UNDERGROUND POWER
KAC	THOUSAND AMPERE INTERRUPTING CAPACITY	UGT	UNDERGROUND TELCO
KCMIL	THOUSAND CIRCULAR MILS	UN	UNLESS OTHERWISE NOTED
KVA	KILOWATT AMPERE	UTL	UTILITY
KW	KILOWATT	V	VOLT
MAX	MAXIMUM	VA	VOLT--AMPERE
MB	METER BASE	W	WATT, WIRE, WIDTH
MFR	MANUFACTURER	W/-	WITH
MH	MANHOLE	WP	WEATHERPROOF
MIN	MINIMUM	XFMR	TRANSFORMER

RACEWAYS

— CONDUIT — CONCEALED IN CONSTRUCTION IN FINISHED AREAS, EXPOSED IN UNFINISHED AREAS

— CONDUIT — CONCEALED IN, UNDER FLOOR SLAB OR BELOW GRADE

—X— CIRCUIT TYPE AS INDICATED:
"NE" = NORMAL/EMERGENCY CIRCUIT
"EB" = EMERGENCY BATTERY SYSTEM WIRING, #10 AWG (MIN).
"HT" = HEAT TRACE
"WT" = KEEP WARM TRACE
"OP" = OVERHEAD POWER
"OT" = OVERHEAD TELCO
"UP" = UNDER FLOOR/GROUND POWER
"UT" = UNDER FLOOR/GROUND TELCO

 GROUND CONNECTION PER NEC 250

 GROUND TEST WELL

RACEWAYS - INDICATORS

—○— CONDUIT — STUB-UP

MISCELLANEOUS

 SHEET NOTE DESIGNATION

 REVISION DELTA

 DETAIL HEADER

 DETAIL IDENTIFIER

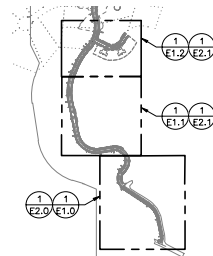
 TRANSFORMER

 POWER PULL BOX, IN-GRADE

E0.1	ELECTRICAL COVER SHEET
E0.2	ELECTRICAL DETAILS
E0.3	ELECTRICAL DETAILS
E1.0	PARTIAL SITE PLAN - POWER
E1.1	PARTIAL SITE PLAN - POWER
E1.2	PARTIAL SITE PLAN - POWER
E2.0	PARTIAL SITE PLAN - LIGHTING & PHOTOMETRIC
E2.1	PARTIAL SITE PLAN - LIGHTING & PHOTOMETRIC
E2.2	PARTIAL SITE PLAN - LIGHTING & PHOTOMETRIC

POWER
GRAYS HARBOR PUD
MOLLY CONLEY
PHONE: 509.981.3888
EMAIL: mconley@ghpud.org

IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO CAREFULLY COORDINATE ALL ASPECTS OF SERVICE WITH THE RESPECTIVE UTILITY COMPANIES.



SCALE: 1" = 500'-0"



Project No.: 1783.004.001 Contact: JORDAN K. OSTER

SBIT HUD/IHGBC
SHOALWATER BAY TRIBE
TOKELAND, WA

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NO.	DATE	DESCRIPTION
PROJ.	PROJ.	
SHT.	E0.1	

PHOTOMETRIC SCHEDULE								
STATISTICS		CLASSIFICATION	DESIGN VALUES				TARGET VALUES	
DESCRIPTION	DESCRIPTION	SYMBOL	AVG	MAX	MIN	AVG/MIN	AVG	AVG/MIN
INTERSECTION	NEIGHBORHOOD/NEIGHBORHOOD	+	0.9 fc	1.4 fc	0.3 fc	3.0:1	0.9	3.0:1
ROAD	LOCAL	+	0.9 fc	1.4 fc	0.4 fc	2.3:1	0.5	6.0:1
ROAD	LOCAL	+	0.9 fc	1.4 fc	0.4 fc	2.3:1	0.5	6.0:1

LUMINAIRE SCHEDULE								
SYMBOL	QUANTITY	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE	BUG RATING
A 	26	LEOTEK ELECTRONICS USA, LLC	GCJ1-20H-MV-WW-2R-XX-450-S	20 LED, STREETLIGHT TYPE 2 OPTICS, 3000K, 450ma DRIVER, 18.25"L. X 9.5"W. X 4.5"H.	3470	0.85	29	B1-U0-G1

POLE: HINGED MANUFACTURER: VALMONT OR APPROVED.

POLE SCHEDULE									
POLE	ROAD	CLASSIFICATION	STATION	OFFSET*	LUMINAIRE MOUNTING HEIGHT	ARM	TYPE	WATTAGE	BASE
LP-1	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-2	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-3	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-4	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-5	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-6	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-7	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-8	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-9	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-10	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-11	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-12	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-13	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-14	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-15	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-16	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-17	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-18	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-19	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-20	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-21	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-22	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-23	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-24	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-25	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE
LP-26	ROAD	NEIGHBORHOOD			20- FEET	4- FEET	A	29	ANCHOR BASE



E0.3 SCALE: NTS



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CONSULTING

Civil Engineering • GIS • Planning • Construction Management

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WAVOUDER, WA 98686
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FAX: (360) 258-0274
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REV. NO.		DATE		DESCRIPTION	
PROJ.	PROJ.				
SHT.	E0.3				

R&W
ENGINEERING, INC.

9615 S.W. Allen Boulevard
Suite 107
Seaswater, Oregon 97005
Phone: (503) 726-3312
Office: (503) 292-6000
E-mail: rweng@rweng.com

Project No.: 1763.004.001 Contact: JORDAN KLOSTER

PARTIAL SITE PLAN - POWER

SCALE: 1" = 30'-0"

SCALE IN FEET
1" = 30'-0"

The plan shows a curved layout of the power plant area, including the power plant building, cooling towers, and associated infrastructure. Key features include:

- Power Plant Building (labeled 1)
- Cooling Towers (labeled 2)
- Associated infrastructure (labeled 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100)

A. SEE DRAWING E0.1 FOR LEGEND, PHOTOMETRIC SCHEDULE, POLE SCHEDULE, AND NOTES.

1 POWER, LIGHTING AND FIBER CONDUITS ALL RAN IN SHARED TRENCH.
SEE DETAIL 5/E0.2 FOR JOINT TRENCHING DETAILS.



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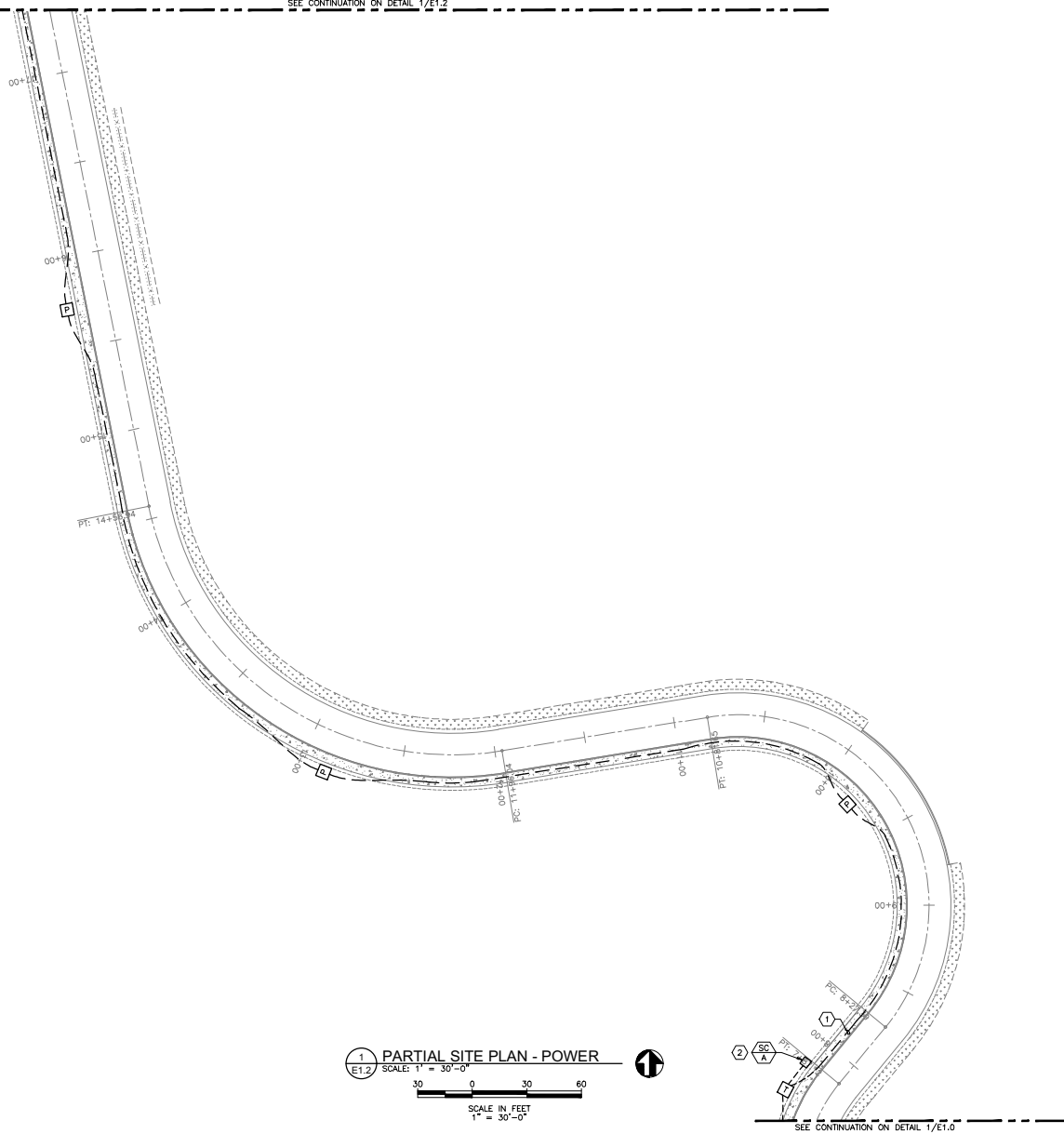
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Project No.: **1763.004.001** Contact: **JORDAN KLOSTER**

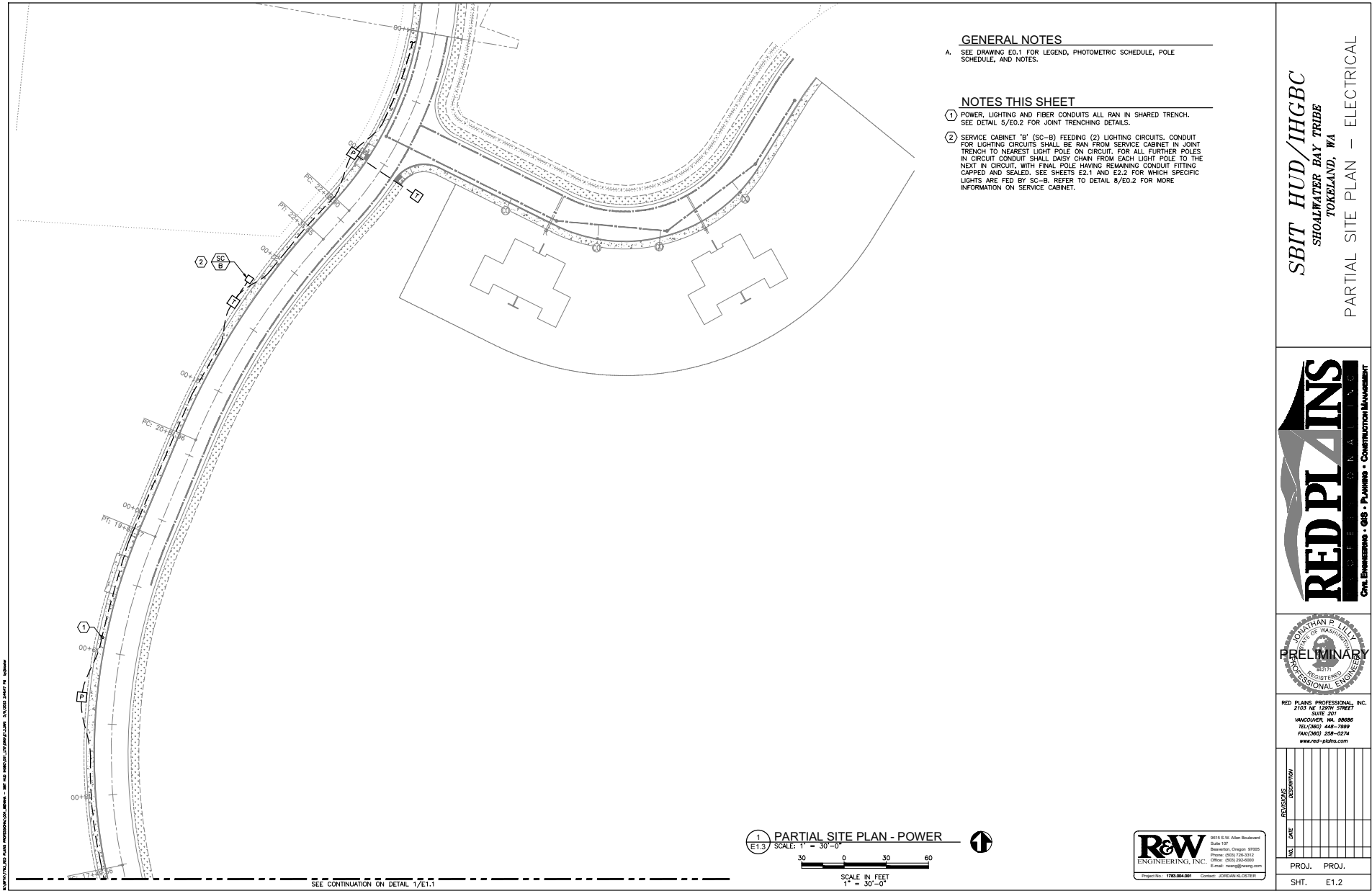
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- A. SEE DRAWING E0.1 FOR LEGEND, PHOTOMETRIC SCHEDULE, POLE SCHEDULE, AND NOTES.
- B. INNER LUMINAIRE ISO CURVE INDICATES 1 FOOT CANDLE. OUTER LUMINAIRE ISO CURVE INDICATES 0.5 FOOT CANDLE.
- C. FOOT CANDLE ISO CURVES ARE SHOWN AS A SINGLE FIXTURE CONTRIBUTION WITH SET VALUES. THE ISO CURVE VALUES MAY NOT MATCH THE CALCULATION PLANE POINT VALUES, SINCE THE CALCULATION PLANE CAN BE A CONTRIBUTION FROM MORE THAN ONE LUMINAIRE.

1 LUMINAIRE POWER FED BY CIRCUIT SC-A-1. SEE DETAIL 7/E0.2 FOR MORE INFORMATION.

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