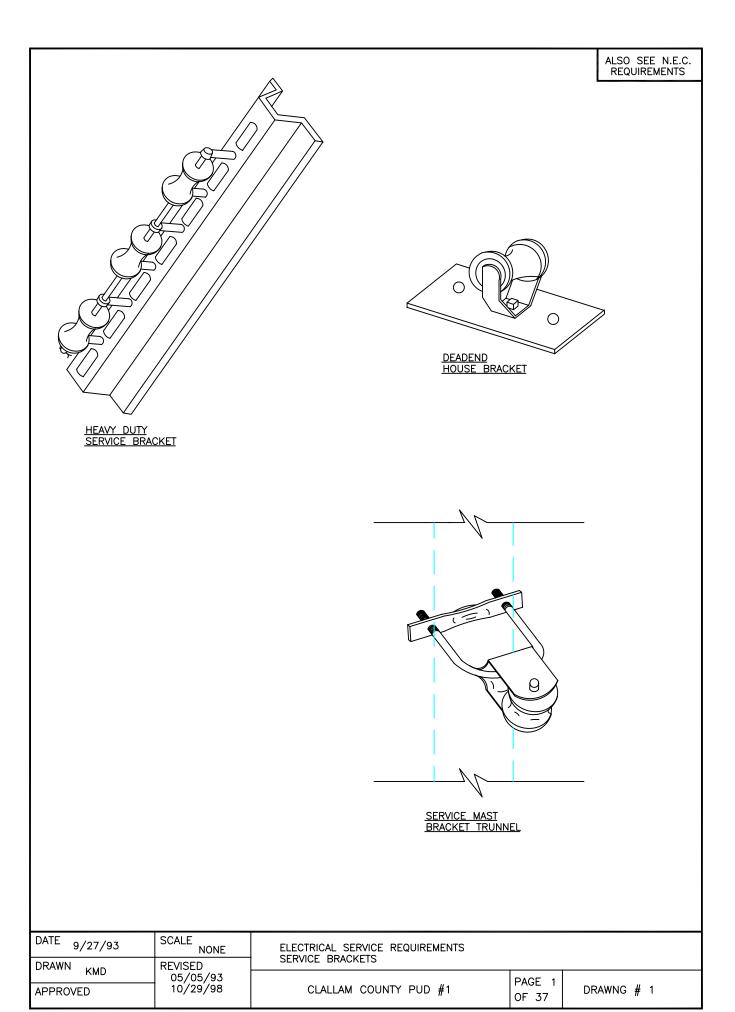
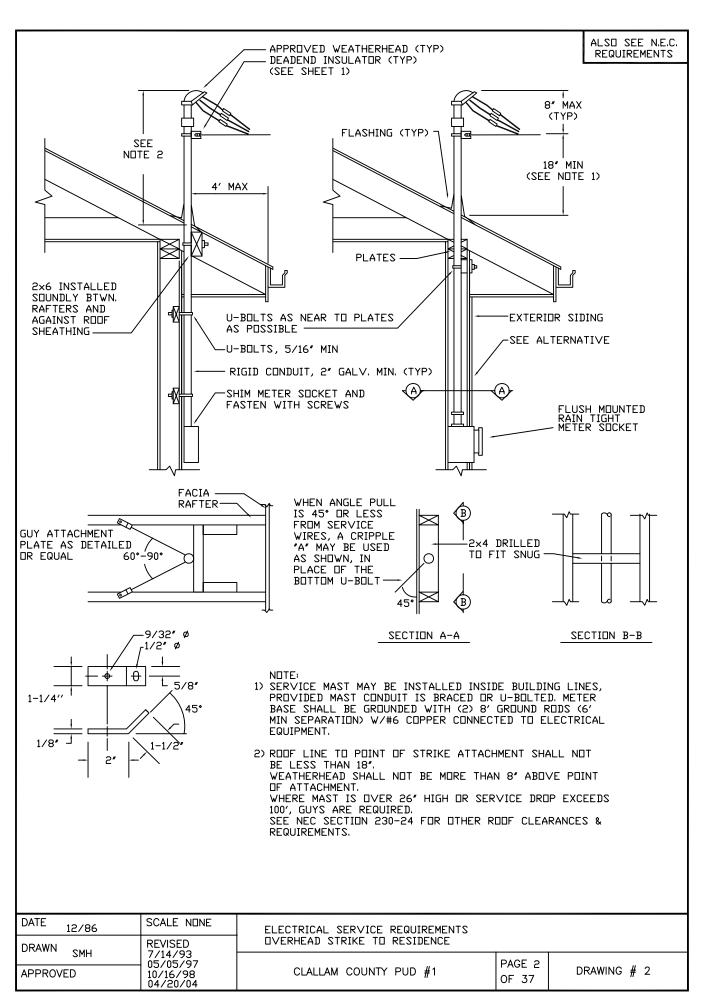


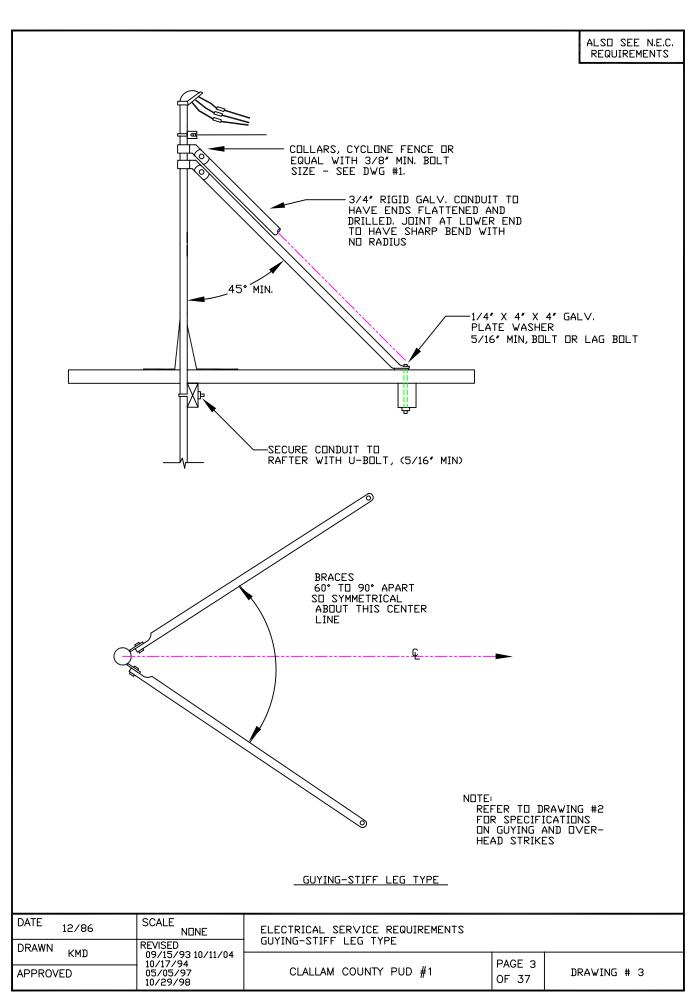
SECTION 12

ELECTRIC SERVICE REQUIREMENTS DIAGRAMS

UPDATED: June 14th, 2021



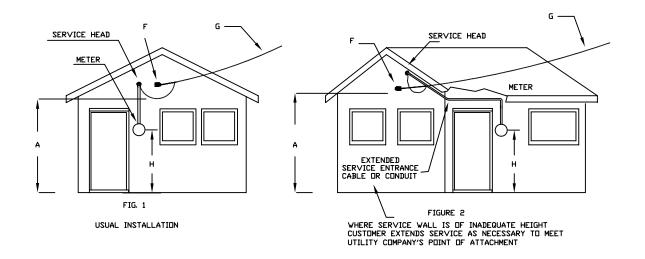


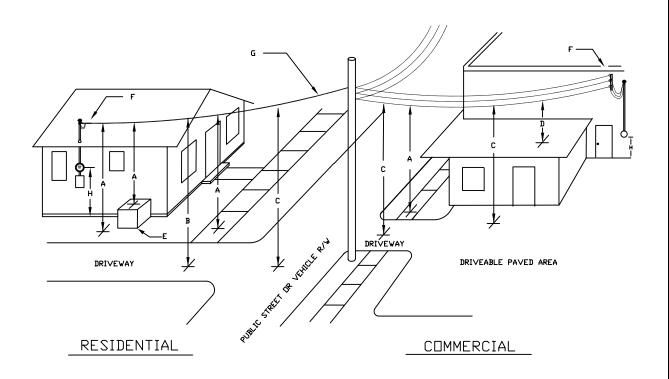


ALSO SEE N.E.C. REQUIREMENTS

— CLEARANCES: —

SERVICES OVER GROUND & ROOFS





DATE 3/3/97 DRAWN JAI/	SCALE NONE REVISED	ELECTRICAL SERVICE REQUIREMENTS CLEARANCES: SERVICES OVER GROUND & ROOFS - A		
APPROVED	05/05/97 05/05/97	CLALLAM COUNTY PUD #1	PAGE 4 OF 37	DRAWING # 4

CLEARANCES

SERVICES OVER GROUND & ROOFS

OPEN WIRE OR TRIPLEX

MINIMUM REQUIRED CLEARANCES & NOTES

OVER GROUND

A 12ft OVER SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY. (NO VEHICLES OVER 8 FT HIGH.)

EXCEPTION Clearance may be reduced to 10ft at the drip loop or service drop cable

limited to 150 volts to ground

EXCEPTION Clearance must be increased to 15ft for service voltages between 300

and 750 volts to ground

B 15ft RESIDENTIAL DRIVEWAYS, COMMERCIAL AREAS NOT SUBJECT TO TRUCK TRAFFIC.

EXCEPTION Clearance may be reduced to 12ft for triplex service cable limited to 150 volts to ground

C 18FT ROADS, STREETS, ALLEYS, NON-RESIDENTIAL DRIVEWAYS, PARKING LOTS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC.

24FT STATE HIGHWAYS

OVER ROOFS (INCLUDES PARKING GARAGES)

- D Clearances from highest point in roof shall not be less than:
 - 1. 3ft--Roof not accessible to pedestrians (See note)
 - 2. 8ft--Roof accessible to pedestrians
 - 3. 10ft--Roof accessible to vehicles, but not truck traffic
 - 4. 18ft--Roof accessible to truck traffic

NOTE:

A roof is considered accessible to pedestrians if there is a means of access through a doorway, ramp, stairway or permanently mounted ladder, or if slope of roof is less than 4 in per ft

- E Any equipment housing including air conditioning, platform or projection which a person might stand on
- F Service mast, bracket attachment or upright of adequate size and height
- G Normally triplex conductors, but may be separate as shown for commercial
- H See Section 3.3.2 regarding meter mounting heights

EXCEPTIONS:

- For open wire service with voltages between 300 and 750 volts to ground the 3ft clearance described above must be increased to 8ft
- Where voltage between conductors does not exceed 300 volts, a reduction in clearance over the roof to 18in minimum is permitted if:
 - 1. They do not pass over more than 4ft of the overhang of the roof
 - 2. They are terminated at a through—the—roof raceway or approved support

DATE 3/3/97	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS	50 B	
DRAWN IAIK	REVISED	CLEARANCES: SERVICES OVER GROUND & ROD	12 - B	
JAK JAK	5/05/97 8/13/04		PAGE 5	
APPROVED	10/29/98 04/20/04	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 5

REQUIREMENTS PUD SERVICE POLE: OVEREAD SERVICE FROM PADMOUNT TRANSFORMER UNDERGROUND SERVICE FROM OVERHEAD TRANSFORMER WEATHERHEAD AT TOP OF POLE 12" - 15 15" STAND-OFF BRACKETS MAY BE OBTAINED FROM ELECTRICAL DISTRIBUTORS-TYPE"LR15DB" IS APPROVED FOR PUD USE 1'0' NOTES: 1. THE SERVICE SHALL RECEIVE APPROVAL OF STATE ELECTRICAL INSPECTOR PRIOR TO CONNECTION BY THE DISTRICT. 2. CONDUIT, STAND-OFF BRACKETS, GROUND ROD (IF REQUIRED), AND CONDUCTORS PROVIDED BY CUSTOMER. LEADS 18' MIN LENGTH — OR SUFFICIENT TO REACH TRANSFORMER ON PRIMARY 5'0" MAX 5′ RIGID GALVANIZED, SCHEDULE 80, OR SCHEDULE 40 PVC. PROVIDED BY CUSTOMER, INSTALLED BY PUD POLE 6" MIN. CLEARANCE SERVICE 5′ 35, TOP VIEW GROUND ROD 6" MAX. FROM POLE AND WITHIN A 90° QUADRANT CENTERED ON RISER. PUD **INSTALLLED** (AFTER 10') 5′ PVC CONNECTION SEALED BY PUD CUSTOMER (FIRST 10') INSTALL CONDUIT AT THE END OF THE BRACKET. MOUNT STAND-OFF WITH GALVANIZED LAG SCREWS 3" MINIMUM INTO THE POLE. 8'0' MIN - 10' SCH 80 PVC OR RIGID GALVANIZED #6 COPPER CONDUCTOR MIN, ATTACHED TO GALV PIPE GROUND LINE CONDUITS AND CONDUCTORS GROUND ROD PER N.E.C. — FOR RIGID GALVANIZED ONLY PER PUD CHART #1, #2 & #3 **REV: STANDOFF SEPARATION** SCALE: NONE DATE 7/8/82

ELECTRICAL SERVICE REQUIREMENTS

CLALLAM COUNTY PUD #1

SERVICE POLE - CONDUIT & STAND-OFF ASSEMBLY

PAGE 6A

OF 37

DRAWING # 6A

NB

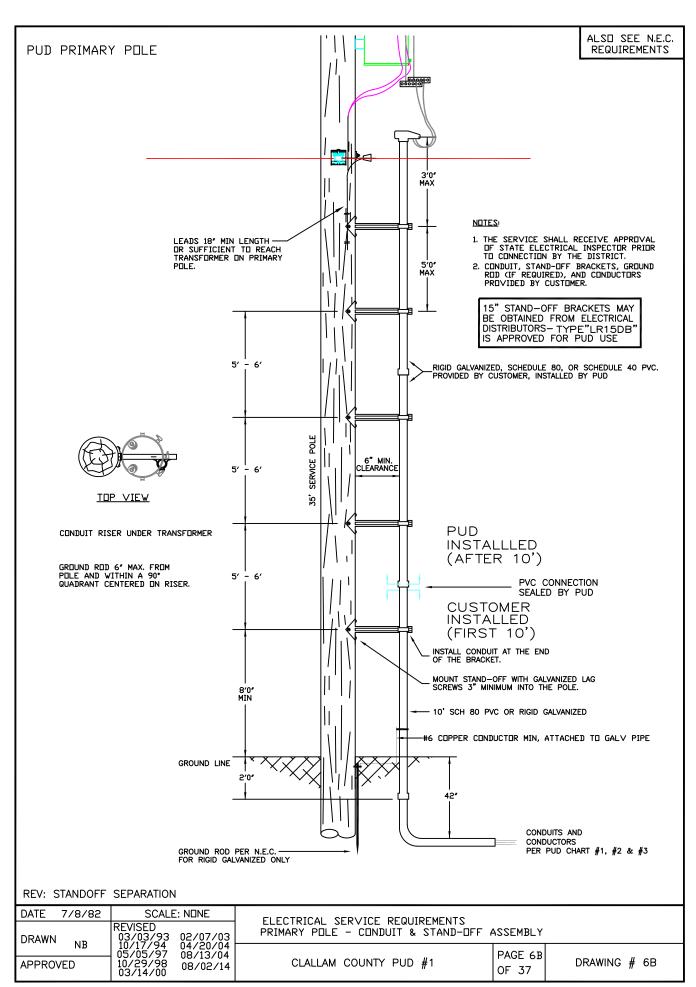
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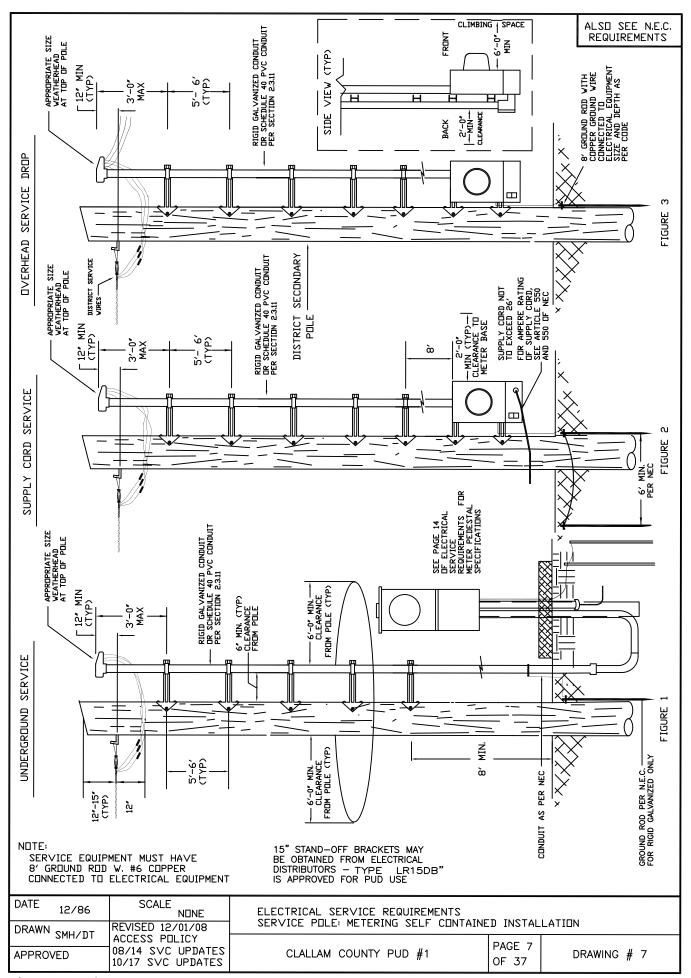
APPROVED

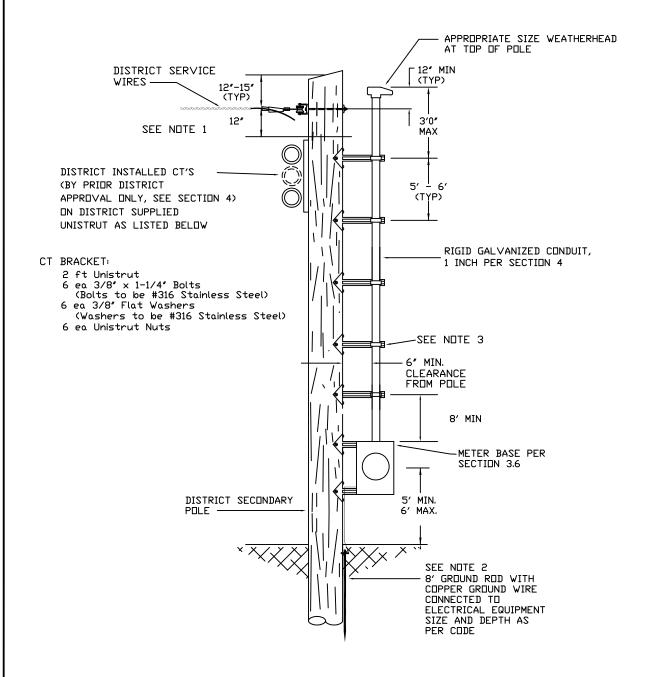
REVISED 03/03/93 10/17/94 05/05/97 10/29/98 03/14/00

04/20/04 08/13/04

08/02/14



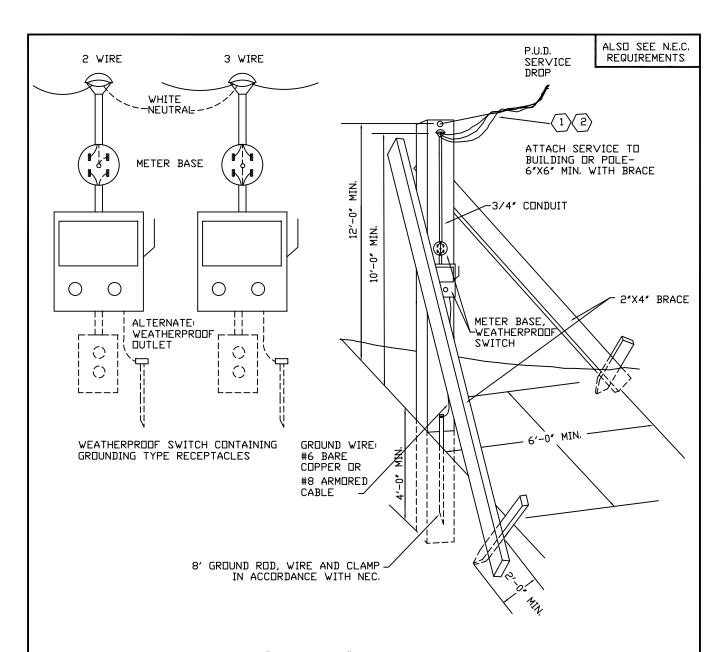




NDTES:

- 1. CUSTOMER SHALL PROVIDE SERVICE CONDUCTOR BETWEEN POLE AND CUSTOMER'S FACILITY. ALL CONDUCTORS SHALL HAVE A MINIMUM LENGTH OF 1 1/2 TIMES THE DISTANCE FROM THE SERVICE ATTACHMENT TO THE MOST DISTANT CURRENT TRANSFORMER.
- 2. ALL DUTDDOR ENCLOSURES MUST HAVE 8' GROUND ROD W/ #6 COPPER CONNECTED TO ELECTRICAL EQUIPMENT.
- 3. 15" STAND-OFF BRACKETS MAY BE OBTAINED FROM ELECTRICAL DISTRIBUTORS TYPE LR15DB IS APPROVED FOR PUD USE.

DATE 7/19/93	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS		
DRAWN _{SMH} / DT	REVISED	METERING ASSEMBLY, C.T., POLE INSTALL	ATION	
וע / אאכ	01/10/09 - 08/10/14		PAGE 8	
APPROVED	08/10/14	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 8



RECOMMENDED MIN. WIRE SIZE: 2-#8 BLACK, 1-#8 WHITE

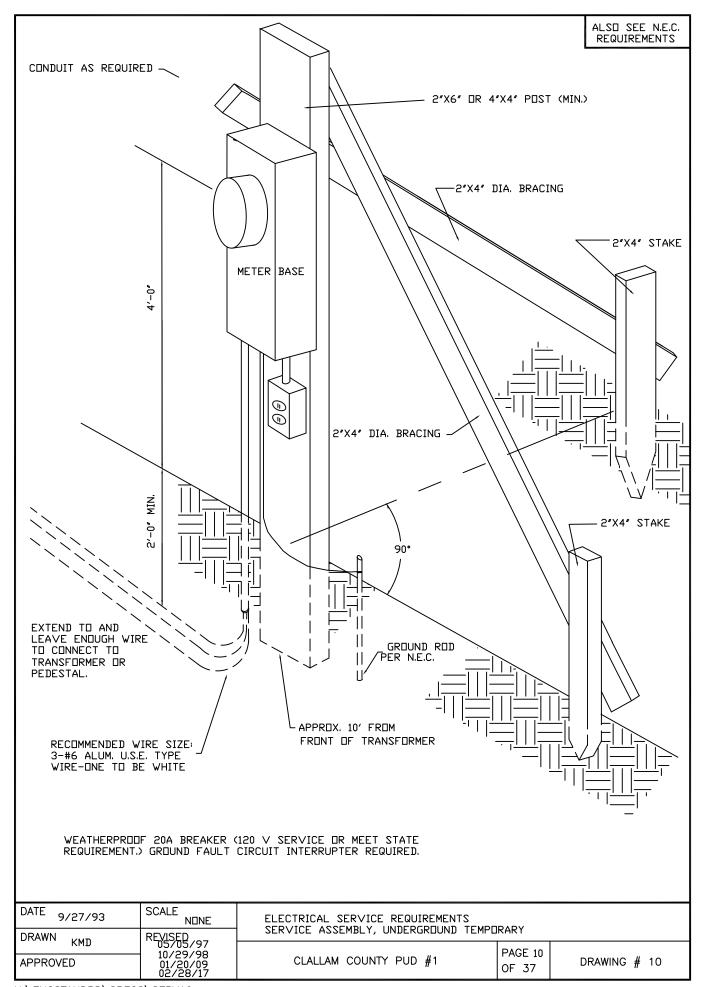
WITH 30 AMP. WEATHERPROOF SWITCH

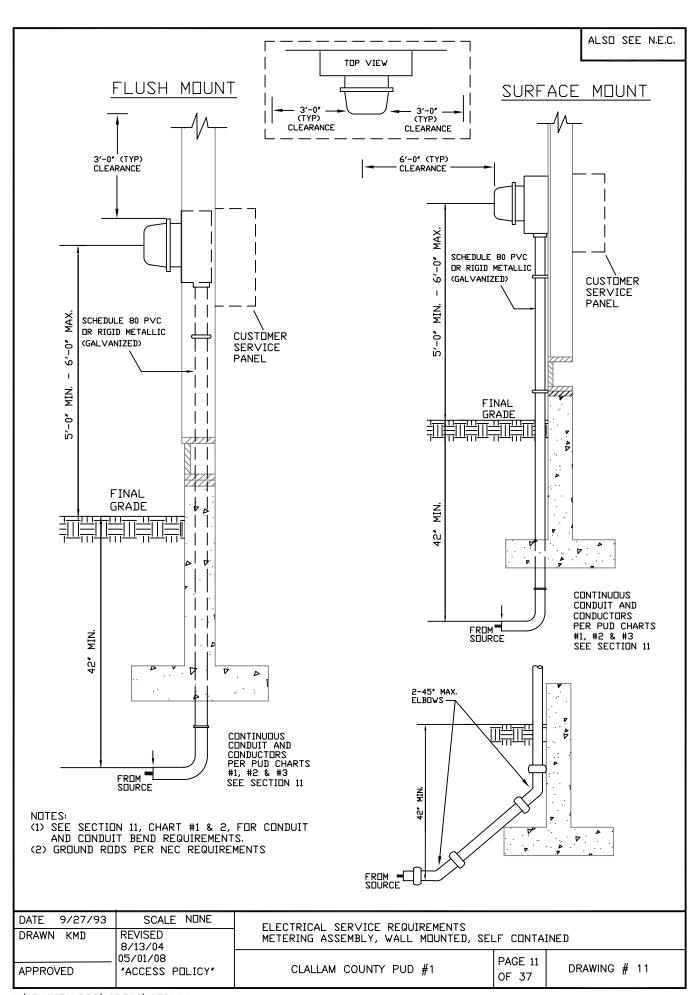
- ALL WIRING MUST COMPLY WITH STATE OR LOCAL CODES; A STATE WIRING LABEL OR LOCAL WIRING PERMIT MUST BE IN EVIDENCE BEFORE SERVICE IS CONNECTED BY P.U.D. RECEPTACLES SHALL BE PROVIDED WITH A GROUNDING CONTACT CONNECTED TO THE EQUIPMENT
- GROUND TO PERMIT EFFECTIVE USE OF THE GROUNDING TYPE PLUGS AND CORDS REQUIRED
- FOR PORTABLE TOOLS.

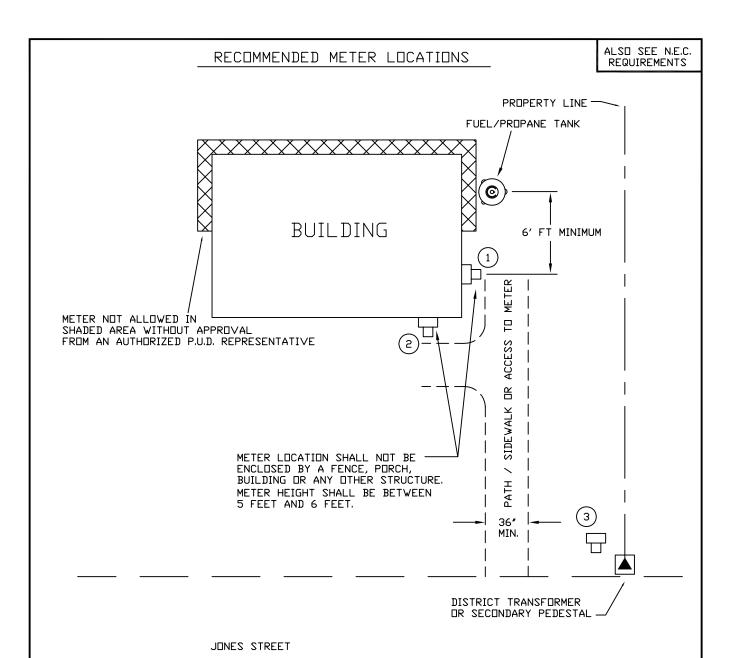
 BRACING ADEQUATE TO SUPPORT THE SERVICE DROP MUST BE PROVIDED.

 FOR VEHICULAR TRAFFIC WILL PASS UNDER THE SERVICE, SUFFICIENT ATTACHMENT HEIGHT WILL BE REQUIRED TO PROVIDE A MINIMUM SERVICE DROP CLEARANCE OF 15' OVER PRIVATE PROPERTY, AND 24' OVER STATE HIGHWAY.
- TEMPORARY SERVICE WILL BE PROVIDED IF FACILITIES AS SHOWN ARE WITHIN 150' OF A P.U.D. POLE; IF OVER 150', CONSULT THE NEAREST LOCAL OFFICE OF P.U.D. NO. 1 OF CLALLAM COUNTY. POLE SHOULD BE LOCATED AS NEAR AS POSSIBLE TO PERMANENT SERVICE LOCATION. 5.

DATE 9/27/93	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS		
DRAWN KMD	REVISED	SERVICE ASSEMBLY, OVERHEAD TEMPORA	K 1	
עואא	05/05/97		PAGE 9	
APPROVED	10/29/98 01/20/09	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 9

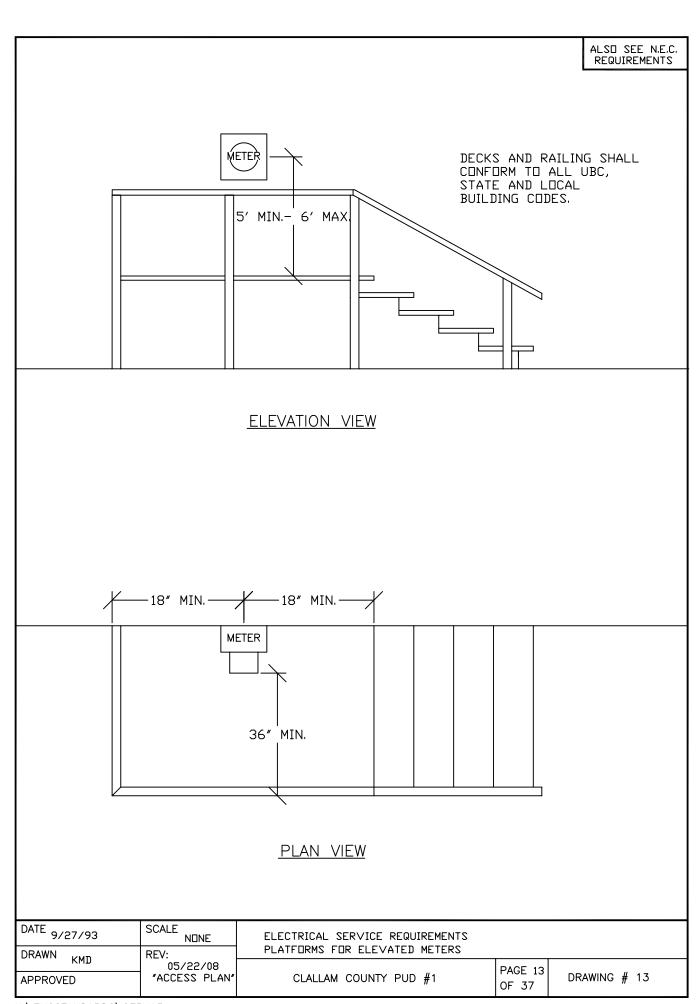


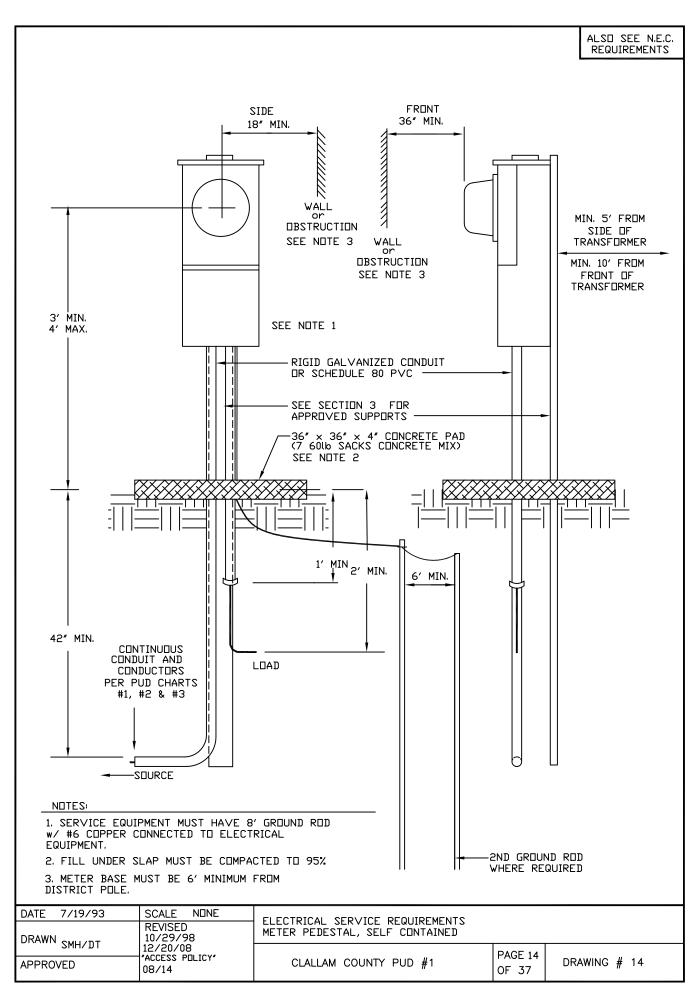


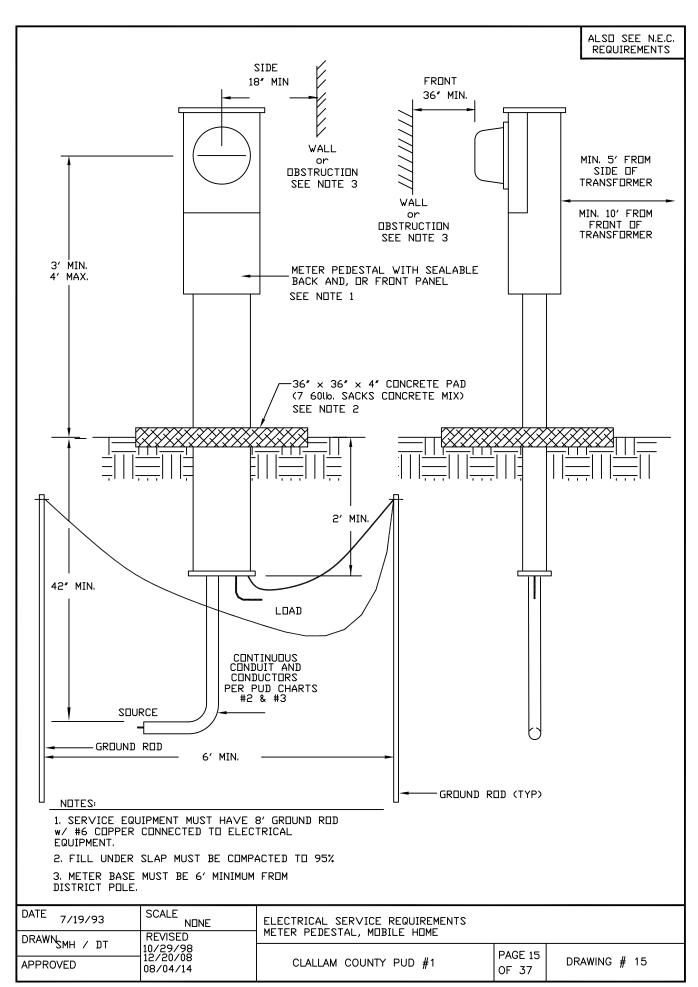


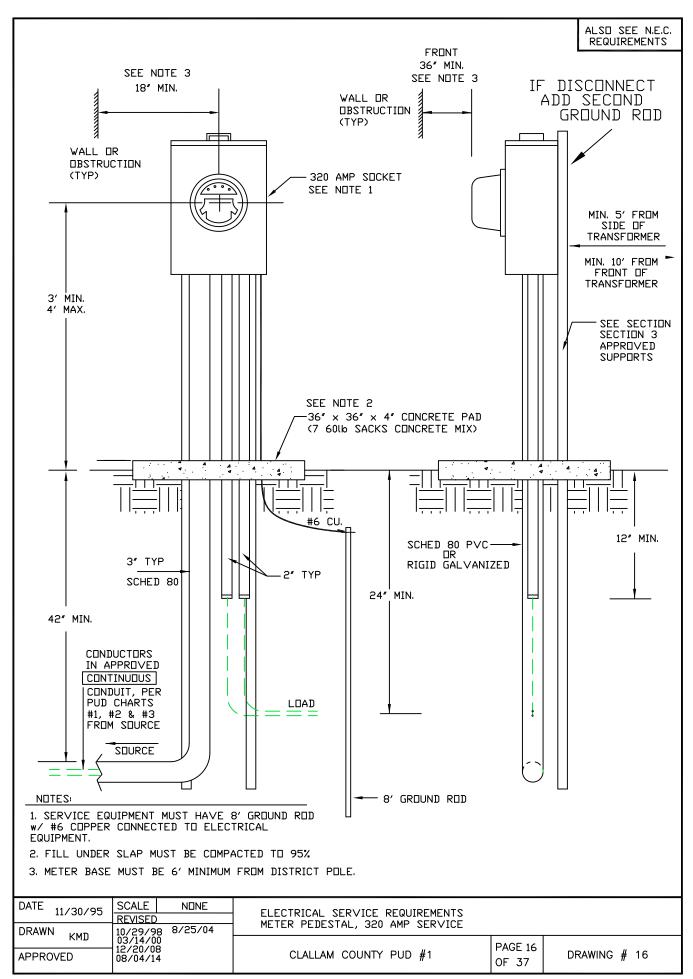
- 1. METER SITES #1, #2, AND #3 ARE RECOMMENDED METER LOCATIONS.
- 2. METER AT SITE #3 MUST BE A MINIMUM OF 5' FROM SIDE OF TRANSFORMER AND AT A HEIGHT OF BETWEEN 3 FEET AND 4 FEET.
- 3. THE CUSTOMER SHALL FURNISH A METER LOCATION ACCEPTABLE TO THE DISTRICT, READILY ACCESSIBLE WITHOUT RISK OF BODILY HARM TO DISTRICT EMPLOYEES.

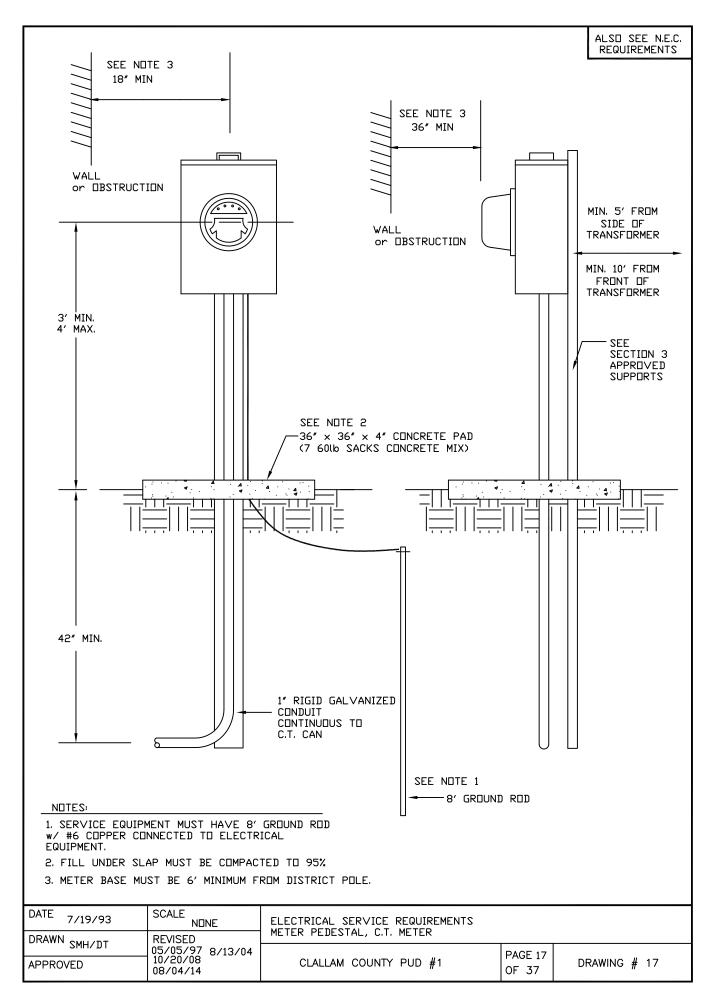
DATE 8/23/93	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS		
DRAWN SMH/DT	REVISED	METER LOCATION ON BUILDINGS	_	
APPROVED	05/05/97 10/29/08 "ACCESS POLICY"	CLALLAM COUNTY PUD #1	PAGE 12 OF 37	DRAWING # 12







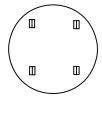


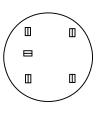


METER SOCKET CLIP ARRANGEMENT

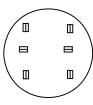
ALSO SEE N.E.C. REQUIREMENTS

SINGLE PHASE			SELF CONTAINED			WITH CURRENT TRANSFORMERS		
VOLTAGE	WIRES	MAX. AMPS	# CLIPS	SOCKETS	# C.T.	# CLIPS	SOCKETS	
120/208	3	200	5	В				
120/240	3	320	4	Α	2	6	C/TEST SW.	
480	3	200	4	Α				
THRE	E PHASE							
208/120	4	200	7	D	3	13	E/TEST SW.	
240	4	200	7	D	3	13	E/TEST SW.	
480	4	200	7	D	3	13	E/TEST SW.	
480/277	4	200	7	D	3	13	E/TEST SW.	



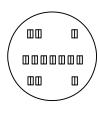


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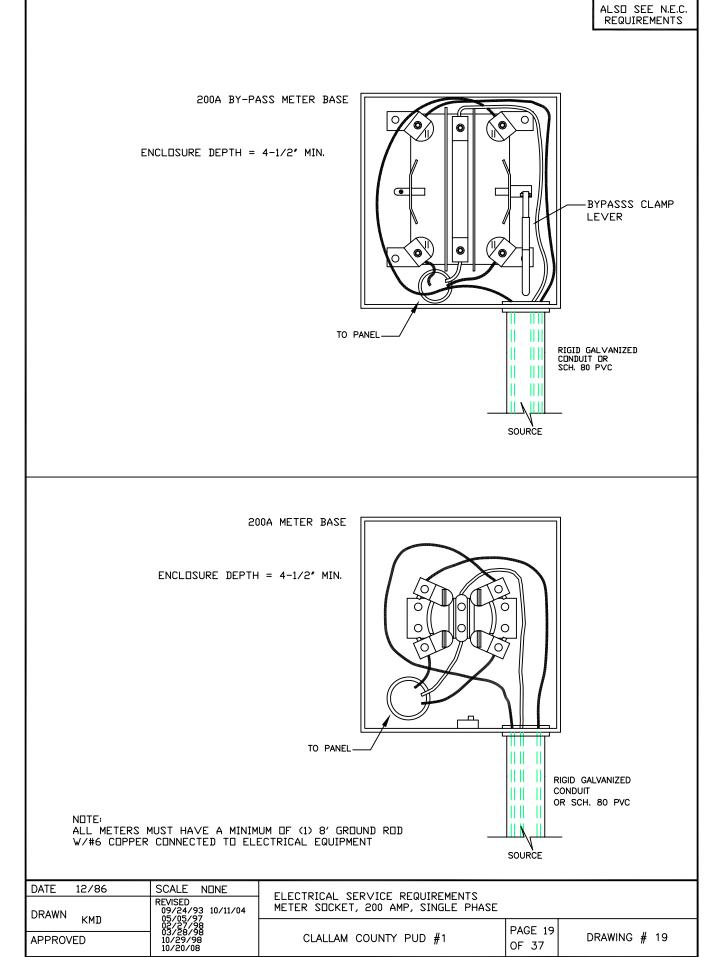
NOTE:

ALL SOCKET-TYPE METERS SHALL BE FURNISHED WITH DISTRICT APPROVED SEALING RING.(SEE SECTION 3.6.9 OF THIS MANUAL FOR DETAIL)

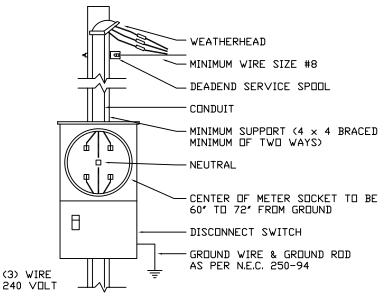
DATE 4/20/21	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS METERS SUCKET CLIP ARRANGEMENT		
DRAWN YC	REVISED	METERS SUCKET CLIP ARRANGEMENT		
XC XC	10/29/98		PAGE 18	
APPROVED CY	11/29/14 4/20/21	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 18

KMD

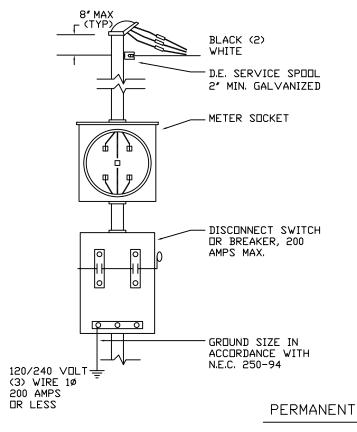
APPROVED



ALSO SEE N.E.C. REQUIREMENTS

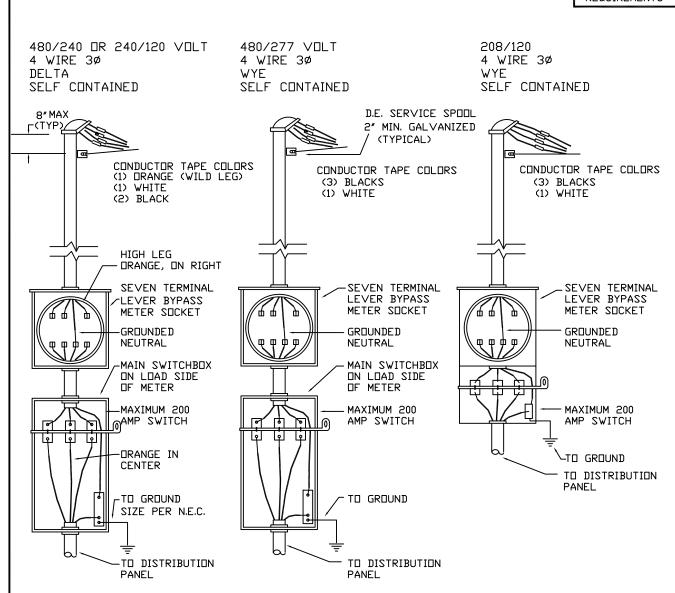


TEMPORARY



NOTE
SERVICE EQUIPMENT MUST HAVE (2)
8' GROUND RODS (6' MIN SEPARATION) W/
#4 COPPER CONNECTED TO ELECTRICAL
EQUIPMENT, AS PER N.E.C. 250-94

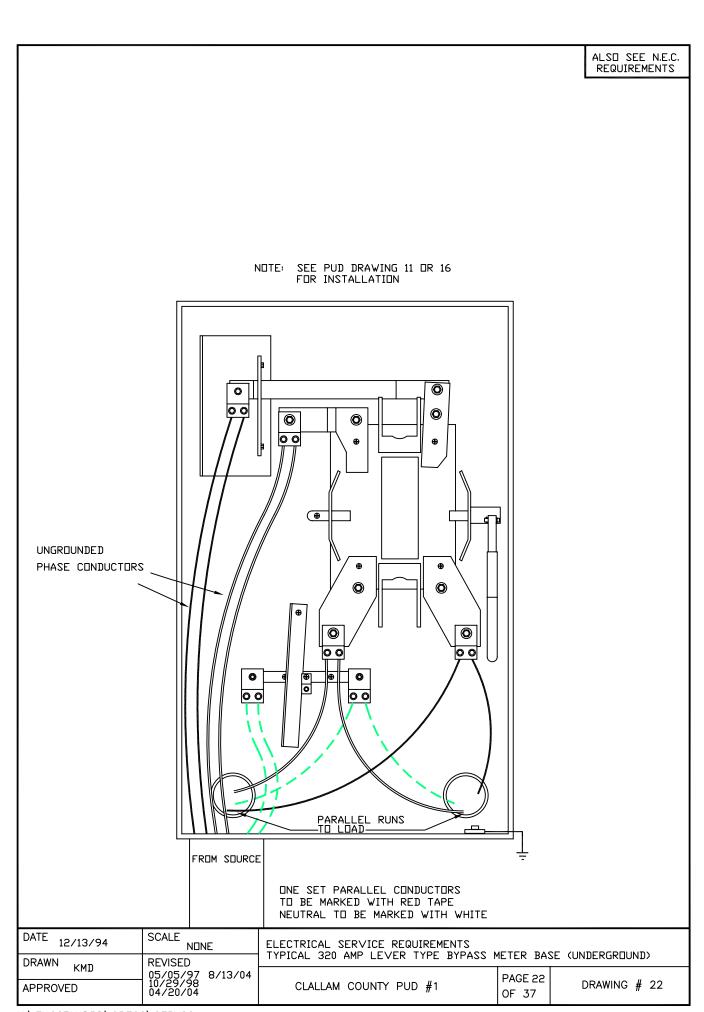
DATE 7/19/93	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS	·-		
DRAWN SMH	REVISED	METERING - OVERHEAD SERVICE, 1-PHAS	· E		
2MH	05/05/97		PAGE 20		
APPROVED	10/29/98 10/20/08		CLALLAM COUNTY PUD #1	OF 37	DRAWING # 20

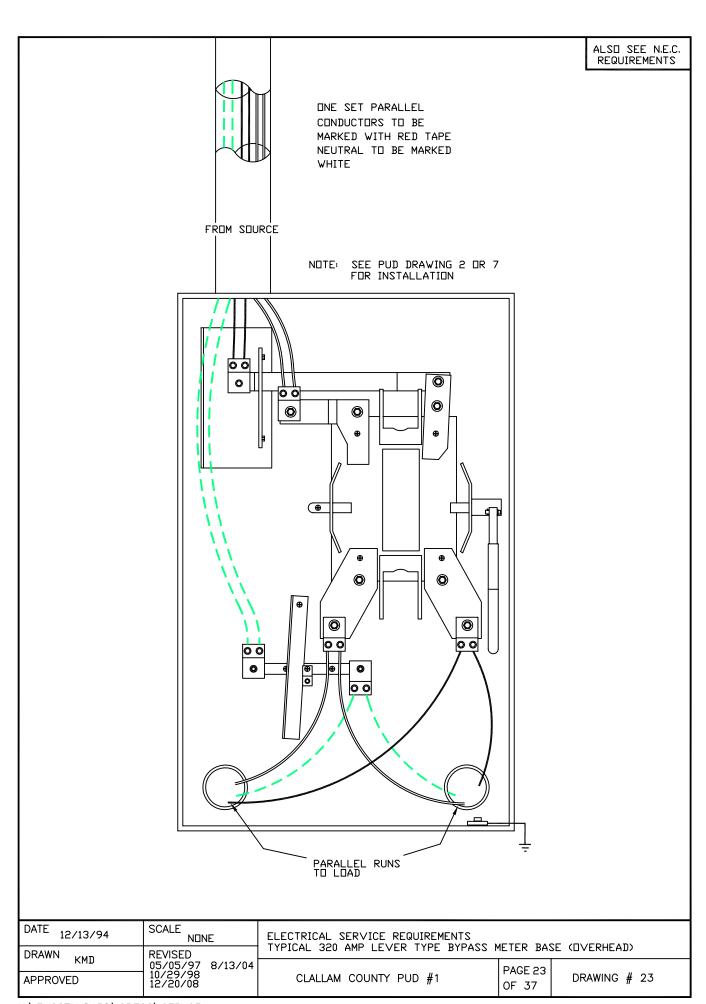


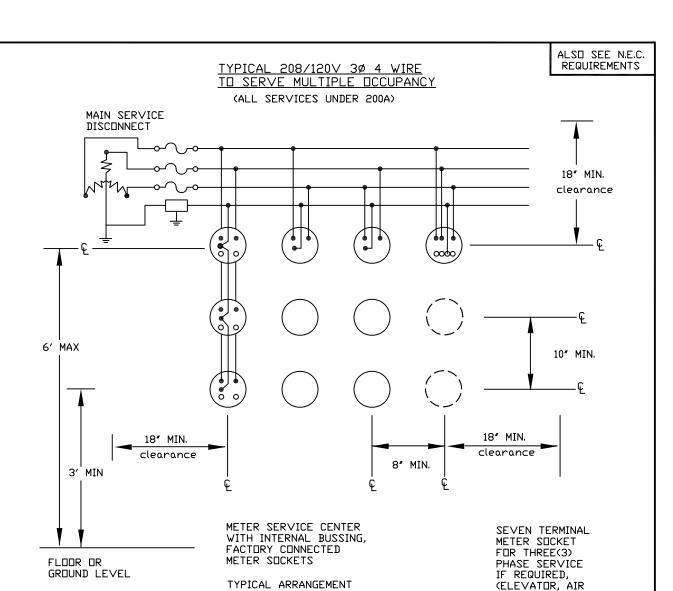
SEVEN TERMINAL LEVER BYPASS METER SOCKET

ALL METER BASES ARE 200 AMPS OR LESS

DATE _{7/19/93}	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS	`_	
DRAWN SMH/DT	REVISED 10/29/98 8/13/04	METERING - DVERHEAD SERVICE, 3-PHAS		
APPROVED	11/29/08 08/04/14	CLALLAM COUNTY PUD #1	PAGE 21 OF 37	DRAWING # 21







NOTES:

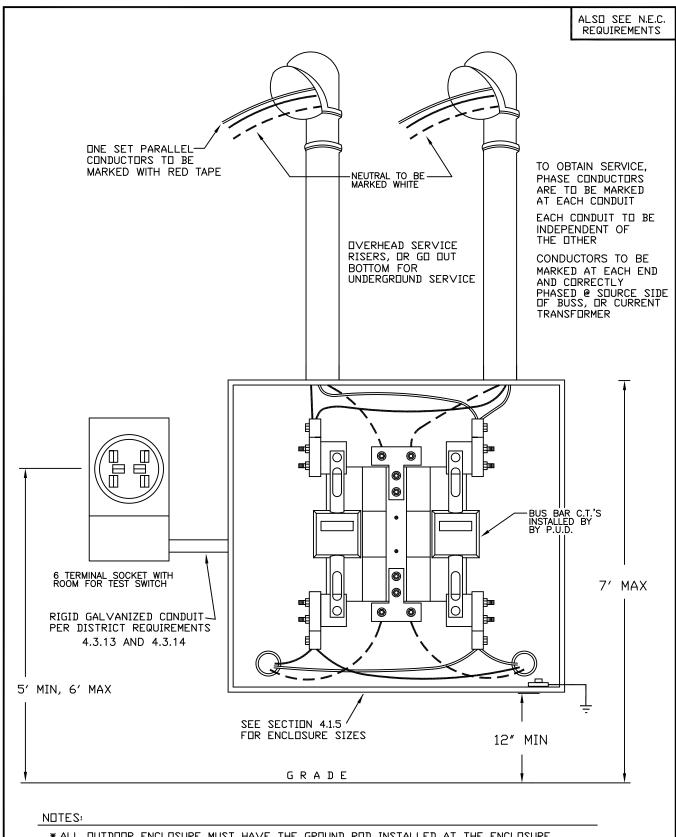
* 208/120 VOLT THREE(3) WIRE SINGLE PHASE METER SOCKET TO BE FIVE(5) TERMINAL LOCATED ON LEFT SIDE FACING METER.

METERS AS REQUIRED

CONDITIONER, ETC.)

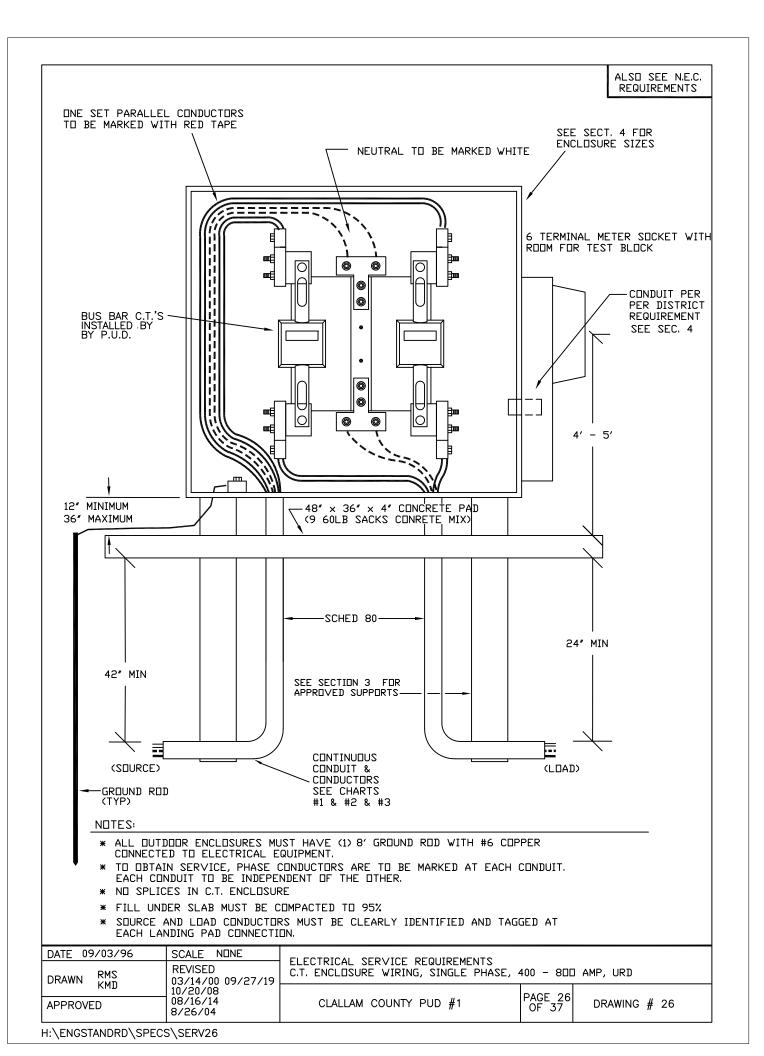
- * ALL LOAD TO BE BALANCED BETWEEN PHASES. (+ OR -10% OF NOMINAL AVERAGE LOAD)
- * LOAD CENTER MAY BE TOP OR BOTTOM CONNECTED.
- * LOAD CENTER TO BE APPROVED BY THE DISTRICT BEFORE BEING INSTALLED
- * NON-SHUNTING TYPE METER SOCKETS.
- * ALL METERS SHALL BE IDENTIFIED WITH A PERMANENT TYPE LABEL AS TO LOCATION OF SERVICE. SEE REQUIREMENTS SECTION 1.5.1, 1.5.2
- * MIN. SUCKET CENTER SEPARATION=8" HORIZ. AND 10" VERT.

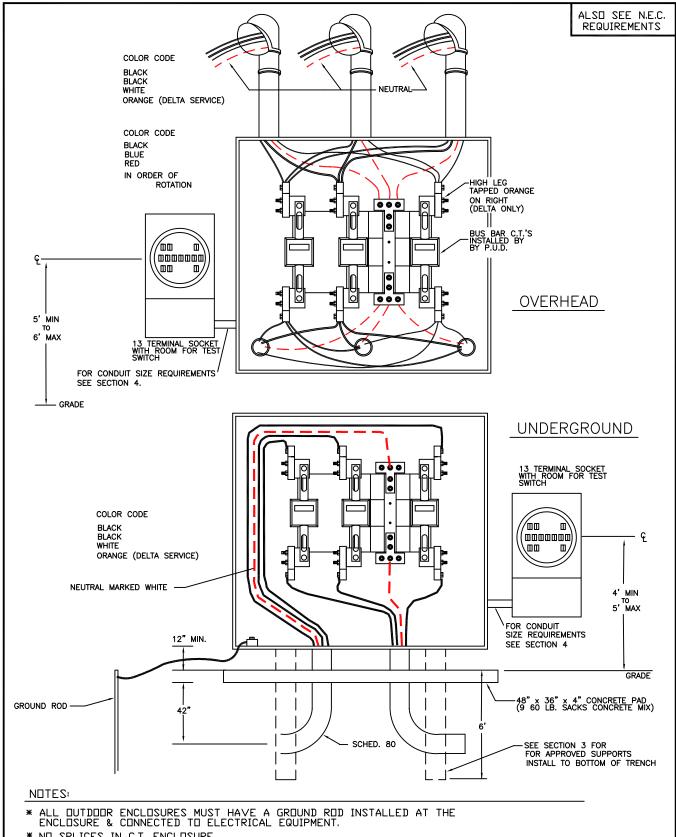
DATE 9/16/93	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS 208/120 3ø 4-WIRE TO SERVE MULTIPLE	I OCCUPAN	ICY
DRAWN KMD	REVISED 05/05/97		PAGE 24	
APPROVED	10/29/98 12/20/08	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 24



- * ALL DUTDOOR ENCLOSURE MUST HAVE THE GROUND ROD INSTALLED AT THE ENCLOSURE LOCATION & CONNECTED TO ELECTRICAL EQUIPMENT
- * NO SPLICES IN C.T. ENCLOSURES

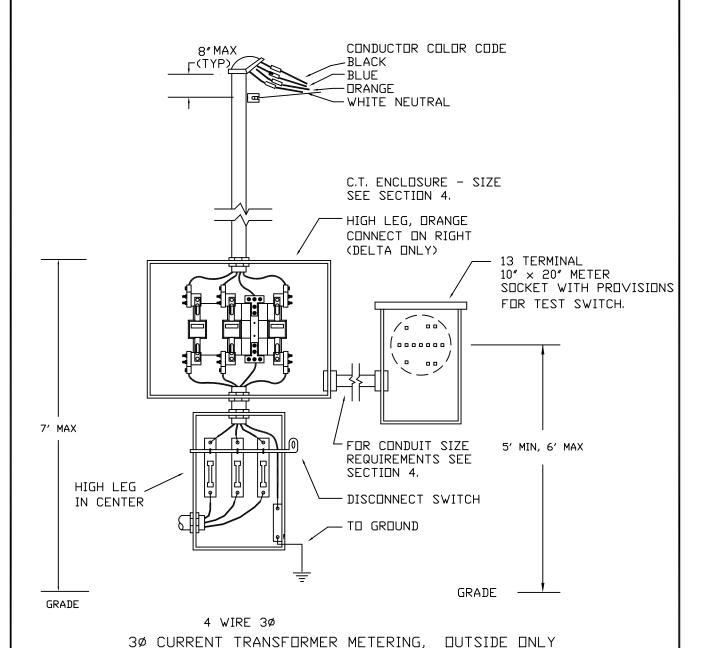
DATE 12/12/94	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS		
DRAWN KMD	REVISED 09/04/96 8/13/04	CT ENCLOSURE WIRING, SINGLE-PHASE, 4	00 - 800	AMP, □VERHEAD
UMM	05/05/97		PAGE 25	
APPROVED	10/29/98 10/21/08 11/21/14	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 25





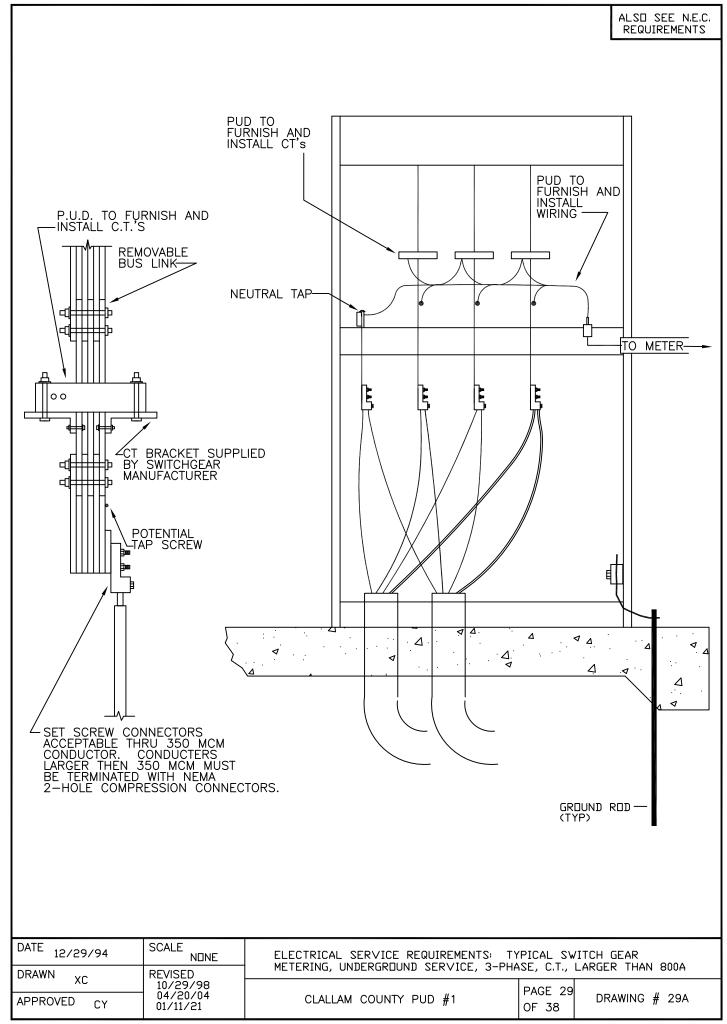
- * NO SPLICES IN C.T. ENCLOSURE
- * SEE 4.1.5 FOR ENCLOSURE SIZE
- * SOURCE AND LOAD CONDUCTORS MUST BE CLEARLY IDENTIFIED AND TAGGED AT EACH LANDING PAD CONNECTION.

DATE 12/14/94	SCALE NONE	 ELECTRICAL SERVICE REQUIREMENTS		
DRAWN KMD/DT	REVISED 10/29/98 10/11/04	CT ENCLOSURE WIRING, THREE-PHASE, 40	0-800 AMF	>
APPROVED	10/29/98 10/11/04 04/20/04 10/25/08 08/04/14	CLALLAM COUNTY PUD #1	PAGE 27 OF 37	DRAWING # 27



- * SERVICE EQUIPMENT MUST HAVE (2) 8' GROUND RODS (6' MIN SEPARATION w/ COPPER GROUND LEADS CONNECTED TO ELECTRICAL EQUIPMENT AS PER NEC.
- * BOND TO CT ENCLOSURE
- * FOR UNDERGROUND SERVICE MOUNT SIMILAR TO DRAWING #26 CONNECT CONDUIT TO BOTTOM

DATE 7/19/93	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS	CT 400	±= 000 A==
DRAWN SMH	REVISED 05/05/97 8/13/04	METERING, OVERHEAD SERVICE, 3-PHASE,	1	to 800 AMP
APPROVED	10/29/08 10/11/04 08/04/14	CLALLAM COUNTY PUD #1	PAGE 28 OF 37	DRAWING # 28

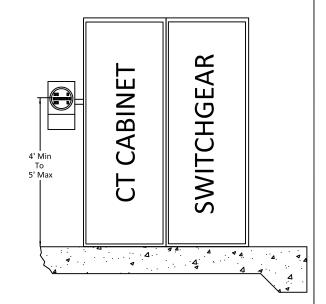


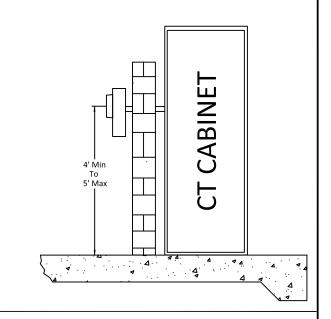
EXTERIOR SWITCHGEAR WITH METER MOUNTED NEXT TO **CABINET**

INTERIOR SWITCHGEAR WITH METER MOUNTED OUTSIDE

ALSO SEE N.E.C. REQUIREMENTS

*REQUIRES ACCESS TO CT CABINET AT ALL TIMES *LOCK BOX REQUIRED FOR ENTRY.





EXTERIOR SWITCHGEAR WITH METER MOUNTED TO CABINET

4' Min To 5' Max 4

NOTES:

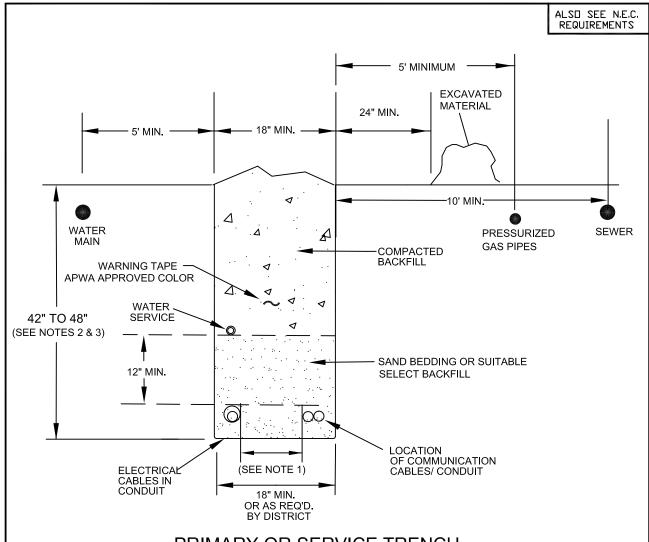
- * SEE DRAWING #18 FOR METER BASE REQUIREMENTS
- ***** SOURCE AND LOAD CONDUCTORS MUST BE CLEARLY IDENTIFIED AND TAGGED AT EACH LANDING PAD CONNECTION
- * METER BASE TO BE MOUNTED SEPARATE FROM SWITCH GEAR
- * CONDUIT SIZES MUST BE IN ACCORDANCE WITH THE NEC
- * TEST SWITCHES PROVIDED BY PUD
- ***** METER BASE TO BE SUPPLIED BY CONTRACTOR
- * CT'S ARE SUPPLIED BY THE PUD

DATE 01/11/21	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS
DRAWN XC	REVISED	METERING, UNDERGR□UND SERVICE, 3-P
XL		
APPROVED CY		CLALLAM COUNTY PUD #1

TYPICAL SWITCH GEAR PHASE, C.T., LARGER THAN 800A

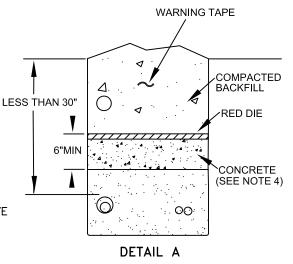
PAGE 30 OF 38

DRAWING # 29B

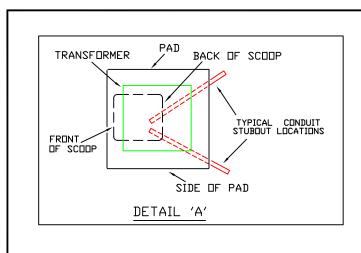


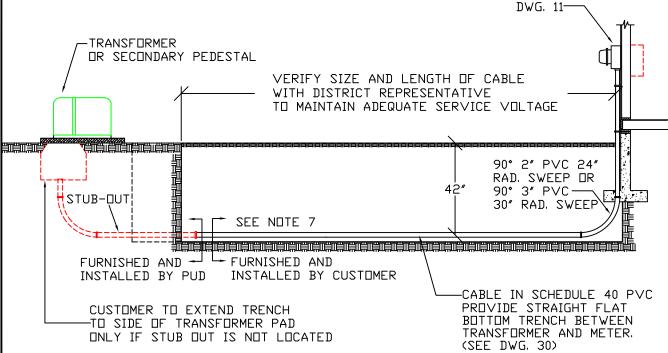
PRIMARY OR SERVICE TRENCH

- 1. 12-INCH MINIMUM RADIAL SEPARATION IS REQUIRED EXCEPT WHERE RANDOM SEPARATION IS PERMITTED IN ACCORDANCE WITH NESC SECTION 354.
- 2. AN EXCEPTION TO MINIMUM TRENCH DEPTH MAY BE PERMITTED BY AUTHORIZED PERSONNEL DUE TO OBSTRUCTIONS OR ROCK SUBGRADE. IF DEPTH OF CONDUIT COVER IS LESS THAN 30-INCHES, THE CONDUIT SHALL BE PROTECTED BY A 6-INCH MINIMUM CONCRETE CAP AS SHOWN. (SEE DETAIL A & NOTE 4)
- 3. SEE WAC 296-155-657 FOR EXCAVATION, TRENCHING AND SHORING REQUIREMENTS.
- 4. MINIMUM 2,500 PSI STRENGTH CONCRETE WITH RED DYE IDENTIFIER TO A DEPTH OF 1-INCH AND/OR WARNING TAPE LOCATED ALONG TRENCH CENTERLINE, 12-INCHES ABOVE CONCRETE. (SEE DETAIL A)



DATE 10/14/21	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS		6
DRAWN XC	REVISED	TRENCH REQUIREMENTS, DEPTH, WIDTH, CI	LEAKANCE	2
APPROVED	10/30/98 8/13/04 04/20/04 9/13/07 08/04/14 10/14/21	CLALLAM COUNTY PUD #1	PAGE 30 OF 37	DRAWING # 30



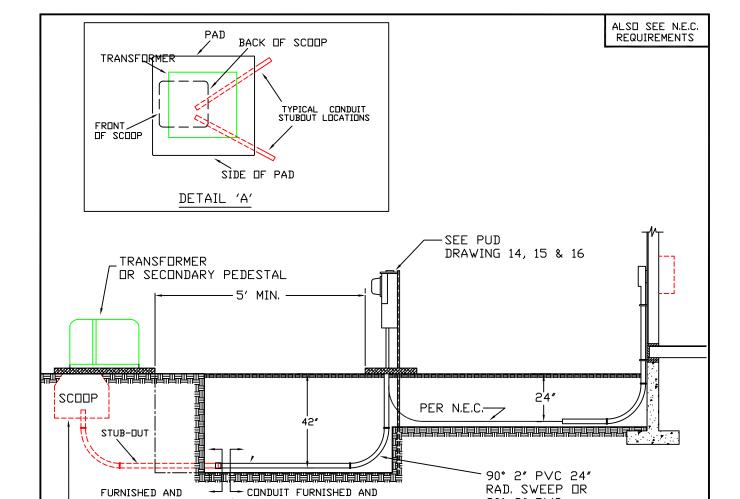


ALSO SEE N.E.C. REQUIREMENTS

SEE PUD

- NOTES: 1) THE ABOVE EXAMPLE IS INTENDED FOR 200A AND 320A SINGLE PHASE SERVICE WITH ONE RUN OF 4/0-4/0-2/0 IN 2" CONDUIT OR TWO RUNS OF 4/0-4/0-2/0 IN 3" CONDUIT.
 - 2) CONTACT 1-800-424-5555 FOR LOCATIONS OF UNDERGROUND UTILITIES.
 - 3) NO STANDING WATER ALLOWED IN TRENCH.
 - 4) CONTACT THE PUD TO DETERMINE REQUIREMENTS FOR CONNECTION OF SERVICE OTHER THAN DESCRIBED ABOVE.
 - 5) TWO INCH CONCRETE COVER IF TRENCH DEPTH LESS THAN 18"
 - 6) PUD WILL PUSH CUSTOMER PROVIDED CONDUCTORS INTO CONDUIT FOR SERVICES UP TO 30 FEET.
 - 7) CUSTOMER/CONTRACTOR CONNECT TO PUD PVC STUBOUT.

DATE 10/14/94	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS		
DRAWN KMD	REVISED 10/29/98	UNDERGROUND SERVICE, WALL MOUNTED N	PAGE 31	
APPROVED	3/4/05 8/4/14	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 31



CUSTOMER TO EXTEND TRENCH TO THEIR SIDE OF PAD (SEE DETAIL 'A' UPPER LEFT)

IF STUBBUTS ARE NOT LOCATED,

INSTALLED BY PUD

NOTES: 1) THE ABOVE EXAMPLES ARE INTENDED FOR 200A AND 320A SINGLE PHASE SERVICE WITH ONE RUN OF 4/0-4/0-2/0 IN 2" CONDUIT OR TWO RUNS OF 4/0-4/0-2/0 IN 3" CONDUIT.

90° 3" PVC

30" RAD. SWEEP

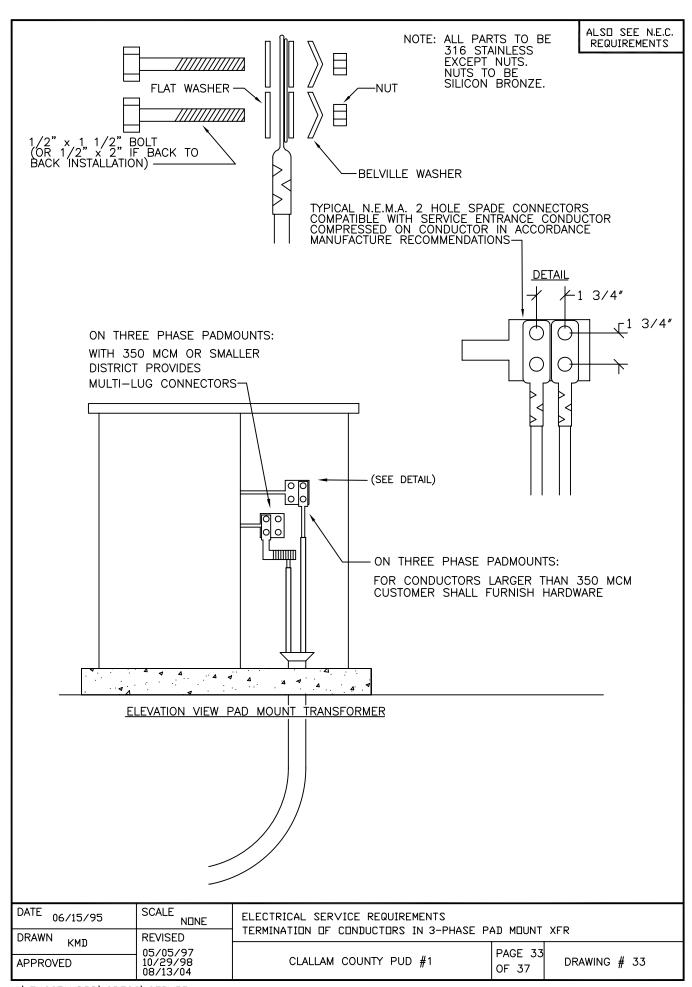
2) CONTACT 1-800-424-5555 FOR LOCATIONS OF UNDERGROUND UTILITIES.

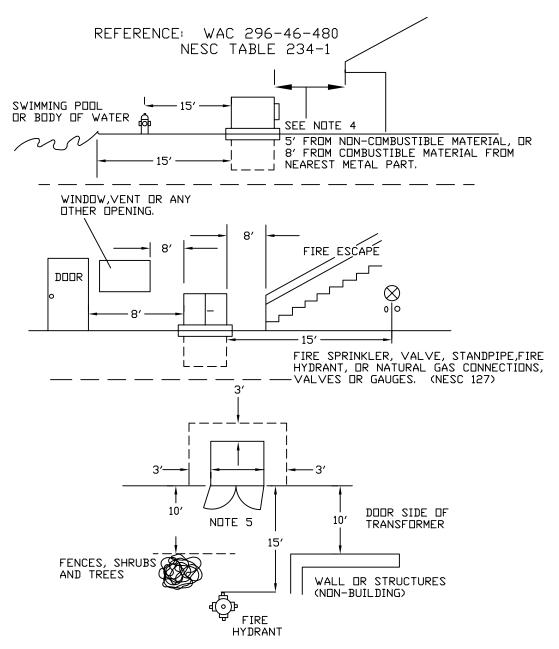
INSTALLED BY CUSTOMER/CONTRACTOR

∽SEE NDTE 7

- 3) EXCAVATE BY HAND WITHIN TWO FEET OF OTHER UTILITY LOCATE MARKS.
- 4) NO STANDING WATER ALLOWED IN TRENCH.
- 5) CONTACT THE PUD TO DETERMINE REQUIREMENTS FOR CONNECTION OF SERVICE OTHER THAN DESCRIBED ABOVE.
- 6) PUD WILL PUSH CUSTOMER PROVIDED CONDUCTORS INTO CONDUIT FOR SERVICES UP TO 30 FEET.
- 7) CUSTOMER/CONTRACTOR CONNECT TO PUD PVC STUBOUT.

DATE 10/13/94	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS		
DRAWN KMD	REVISED 08/22/00	UNDERGROUND SERVICE, METER PEDESTAL		
APPROVED	8/13/04 8/04/14	CLALLAM COUNTY PUD #1	PAGE 32 OF 37	DRAWING # 32





<u>Notes</u>:

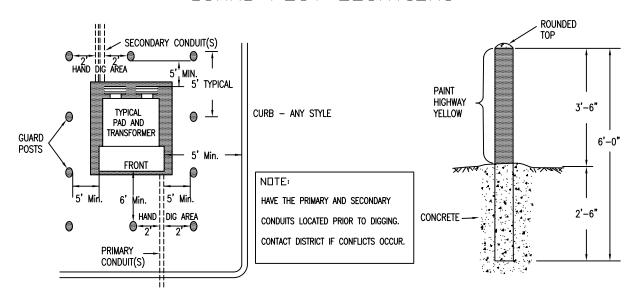
- 1. ALL MEASUREMENTS FROM NEAREST METAL PART OF THE TRANSFORMER.
 2. MINIMUM 20' CLEARANCE FROM COMBUSTIBLE FUEL STORAGE TANKS.
 3. PADMOUNT EQUIPMENT SHALL BE NOT MORE THAN 15' FROM ACCESS ROAD OR DRIVEWAY.
 4. NON-COMBUSTIBLE: BRICK, CONCRETE, STEEL AND STONE.
 5. LANDSCAPING WHICH DOES NOT INTERFERE WITH OPERATION AND MAINTENANCE OF THE TRANSFORMER IS ALLOWED.

 6. GROUND MUST SLOPE AWAY FROM BUILDING FOR TRANSFORMER INSTALLATION SHOWN.

DATE 4/14/97	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS PADMOUNT CLEARANCES		
DRAWN LB	REVISED 05/05/97		PAGE 34	
APPROVED	10/29/98	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 34

GUARD POSTS SHALL BE FURNISHED AND INSTALLED BY THE CUSTOMER WHEN PADMOUNT EQUIPMENT IS LOCATED WITHIN AN AREA OF VEHICULAR TRAFFIC. THE DISTRICT SHALL DETERMINE THE NUMBER AND LOCATION OF ALL GUARD POSTS.

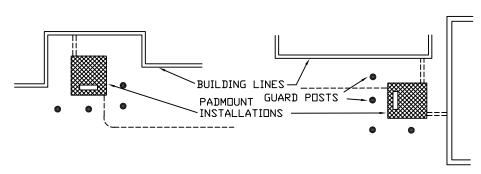
GUARD POST LOCATIONS



- GUARD POSTS ARE REQUIRED BY THE STATE OF WASHINGTON ELECTRICAL INSPECTION DIVISION PARAGRAPH FOUR (4) OF WAC 296-46-480 "LOCATION OF PADMOUNT TRANSFORMERS", WHEN LOCATED WHERE EXPOSED TO VEHICULAR TRAFFIC OR OTHER MOBILE TYPE MACHINERY.
- GUARD POSTS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AT NO EXPENSE TO THE DISTRICT.
- THE DISTRICT SHALL DETERMINE THE NUMBER AND ESTABLISH THE LOCATIONS OF ALL GUARD POSTS.
- TWO TYPES OF GUARD POSTS ARE ACCEPTED BY THE DISTRICT. TYPE ONE IS A 6" X 60" STEEL PIPE SET IN AND FILLED WITH CONCRETE. TYPE TWO IS A 9" X 72" PRECAST STEEL REINFORCED CONCRETE POST SET IN CONCRETE. THE EXPOSED PORTION OF THE POST SHALL BE PAINTED HIGHWAY YELLOW.

REFER TO PAGE 34 FOR BUILDING CLEARANCES.

TYPICAL EXAMPLES



DATE 4/21/97	SCALE NONE	ELECTRICAL SERVICE REQUIREMENTS		
DRAWN _{LB} / dt	REVISED	GUARD POST LOCATIONS		
LB / Qt	05/05/97		PAGE 35	
APPROVED	11/29/08	CLALLAM COUNTY PUD #1	OF 37	DRAWING # 35
		I	1	

				ALSO SEE N.E.C. REQUIREMENTS
•	This page	e intentionally left b	lank	
	, 0	•		
DATE 4/28/97	SCALE			
DRAWN LB	REVISED	ELECTRICAL SERVICE REQUIREMENTS		
APPROVED	05/05/97 10/29/98 03/14/00	CLALLAM COUNTY PUD #1	PAGE 36 OF 37	DRAWING # 36

