

OLD MAIN BLDG.	
FLAGPOLE MAIN BUILDING	
LODGING POLE	
RESTAURANT BLDG.	
RESEARCH BUILDING	
COOKHOUSE BUILDING	
MEDICAL RESEARCH BLDG.	
AUXILIARY GENERATOR	
SWITCHGEAR PAD	
ADMINISTRATIVE GENERATOR	
RETAIL STORE	
TRANSFORMATION BUILDING	
CANTEEN BLDG	
TRANSFORMER PAD	
RESEARCH BLDG	
OFFICE BUILDING	
SUBSTATION BUILDING	
SUBSTATION OFFICE BUILDING	
BICYCLE STATION	
TELEPHONE STATION BLDG.	
RETAIL STORE	
M.R. FEEDING EQUIP. BUILDING	
RADIATION THEORY STORAGE	
ANIMAL RESEARCH	
VERIFICATION UNION BUILDING	
FISH RESEARCH FACILITY	
MAIN HOSPITAL BLDG	
UNION	

5. FISHER HOUSE  
6. MAIN HOSPITAL BUILDING



# STATION SITE PLAN - SEWER SYSTEM

SCALE: 1" = 60'-0"

FLAG NOTES:

- INTERCEPT EXISTING (2) 4" CONCRETE ENCASED BRASS (ORANGE) MANHOLE, COORDINATE WITH VA PROJECT ENGINEER AND SDC BACKFILL IN ACCORDANCE WITH NTPA 30.005(5) SHOWN ON THE PROJECT CONSTRUCTION DOCUMENTS. PROVIDE 12" MIN. CONCRETE VESTIBULE WITH 18" MIN. RESTORATION BY OTHERS. UTILIZE A LOCATOR SERVICE TO IDENTIFY EXISTING UTILITIES PRIOR TO ANY RESTORATION INSTALLATIONS.
- INTERCEPT EXISTING (2) 4" CONCRETE ENCASED BRASS (ORANGE) EXISTING MANHOLES AND EXTEND TO 26 KV SWITCH VULVE. (REFER TO DRAWING 217) 5 FT MIN. RADIIUS BENDS.
- PROVIDE 15 KV CIRCUIT FROM SERVICE ZONE SWITCHER 16 VIA EXIST DUCTBANKS AND "M" H.M. REFER TO DOW ZEDDOT MANHOLE DETAIL.
- SOL WILL STUB OUT DUCTS 5 FT FROM EXIST SOL MANHOLE. AS COORDINATED.
- SOL 1" UNDERGROUND CONDUIT WITH FULL STRENGTH TO BLD 17 METER ENCLOSURE. REFER DATA SHEET FOR CONDUIT SPECIFICATIONS. PROVIDE 12" MIN. CONCRETE MANHOLE PENETRATION, SEAL-OFF PENETRATIONS WITH WATER TIGHT MATERIAL.
- PERNOTE (4) DUCTS EXIST H M TO G OR SWOR 177 FOR EXIST H M TO H M. A.

FLAG NOTES: PHASE 3

- ▶ UTILITY & LOCATOR SERVICE TO IDENTIFY EXISTING UNDERGROUND INSTALLATIONS PRIOR TO EXCAVATING FOR UNDERGROUND INSTALLATIONS.
- ▶ DE-ENERGIZE SWITCHGANG A (BOLD 25), EAST INTERRUPTER SWITCH AND REMOVE SVK FEEDER FROM SWITCHGANG B (BOLD 17), PULL (2) SETS OF 15KV CABLES FROM SVK FEEDERS FROM SWITCHGANG B (BOLD 16: ONE FOR 16KV 1 SUBSTATION AND ONE TO SERVE BOLD 18, 22 AND 33 KV). REFER TO FLAG NO. 4.
- ▶ DISCONNECT AND REMOVE XNMR AND XNMR FEEDER FROM SUBSTATION 1. SCHEDULE POWER INTERRUPTIONS IN ADVANCE WITH ILMC REE. RECONNECT FEEDERS TO NEW SUBSTATION 1.
- ▶ DE-ENERGIZE SWITCHGANG A, WEST INTERRUPTER SWITCH. REMOVE CABLES BACK TO EXIST SWITCHGANG B (BOLD 17).
- ▶ INTERCEPT CONDUIT ENCASED OUTBACK AND EXTEND TO EXIST HANDHOLE. RESTORE 15KV AND MATCH EXIST SVK. HANGHOLE PENETRATIONS.
- ▶ PROVIDE 1.5KV NY CRYLIT FROM BOLD 16 SWITCHGANG TO MANHOLE VIA EXIST. TROUGH THROUGH BOLD 11. REFER TO FLAG NO. 4.
- ▶ DE-ENERGIZE SVK FEEDER AND REMOVE CABLES BACK TO SWITCHGANG B (BOLD 17).
- ▶ REMOVE SVK LOAD BREAK JUNCTION AND PROVIDE 15KV LOAD BREAK JUNCTION.
- ▶ PROVIDE 13.8KV CIRCUIT FROM MANHOLE D VIA EXIST TIE AND TERMINATE ON (4-WAY) MANHOLE D. MATCH EXIST SVK. REFER TO FLAG NO. 10.
- ▶ DISCONNECT AND REMOVE XNMR 1-18. PROVIDE NEW XNMR AND MOUNT ON EXIST PAD.
- ▶ DISCONNECT AND REMOVE XNMR PAD. PROVIDE NEW PAD AND XNMR.
- ▶ PROVIDE 13.8KV CIRCUIT FOR XNMR'S 1-19 AND 1-17 VIA EXIST TROUGH.
- ▶ PROVIDE 13.8KV CIRCUIT TO NEW XNMR VIA EXIST TROUGH.
- ▶ PROVIDE 13.8KV FEEDER FROM SWITCHGANG B (BOLD 16) ENCASED IN CONCRETE AND CONNECT TO PAD MOUNT XNMR 1-28.
- ▶ INTERCEPT EXISTING (2) SETS 21 & 22. EXTEND XNMR XNMR 1-26. PROVIDE (2) SETS 21 & 22 TO CONNECT TO PAD MOUNT XNMR.
- ▶ DISCONNECT AND REMOVE CABLES FROM 17 AND 17XNMR INTERCEPT UNDERGROUND CONDUIT AND EXTEND TO XNMR 1-28. PULL NEW CABLES FROM SWITCHGANG B (BOLD 17).
- ▶ DISCONNECT AND REMOVE XNMR 1-28. PROVIDE NEW XNMR 1-28. PROVIDE NEW SVK FEEDER FROM SWITCHGANG B (BOLD 16) TO XNMR 1-28. PROVIDE NEW SVK FEEDER REINSTALLATION, SAE MANHOLE PENETRATIONS WATER-TIGHT. BACKFILL WITH EXCAVATED MATERIAL. RESTORE EXISTING CONDUIT AND PENETRATIONS PANELS (A & U2).
- ▶ INTERCEPT AND EXTEND UNDERGROUND OUTBACK TO MANHOLE D. PULL NEW CABLES TO NEW MAIN DISTRIBUTION PANEL (MDS1) 3P/1R. BACK TO SHV'S & EOLIN EA FOR TIE CONNECTION.
- ▶ DISCONNECT CABLES AT PAD 1. PULL CABLES BACK TO HANDHOLE. INTERCEPT EXISTING CONDUIT AND EXTEND TO EXIST MANHOLE D. PROVIDE NEW SVK FEEDER TO XNMR 1-28.
- ▶ DISCONNECT (4) #4'S ENCASED IN CONCRETE TO EXIST MANHOLE D. TO FACILITATE SVK FEEDER REINSTALLATION, SAE MANHOLE PENETRATIONS WATER-TIGHT. BACKFILL WITH EXCAVATED MATERIAL. RESTORE EXISTING CONDUIT AND PENETRATIONS PANELS (A & U2).
- ▶ ENCASED FOR EXISTING CONDUIT TO BOLD 23 NEW MAIN DISTRIBUTION PANEL (MDS2). CONSIDERABLE WALL PENETRATIONS FOR CONDUIT ENTRY. BACKFILL WITH EXCAVATED MATERIAL. RESTORE EXISTING CONDUIT AND PENETRATIONS PANELS (A & U2).
- ▶ PROVIDE NEW SERVICE TO BOLD 11. ROUTE CONDUITS UNDERGROUND TO BOLD EXISTOR AND RISE UP RAMP RETAINING WALL TO BELOW CANOPY LEVEL. ROUTE HORIZONTALLY TO EXISTOR. RETURN CONDUIT TO EXISTOR. PROVIDE NEW SVK FEEDER TO EXISTOR AND THE ELEC. RM. CONSIDERABLE WALL PENETRATIONS FOR CONDUIT ENTRY. STAND-OFF THE CONDUIT FROM EXISTOR WALL. BACKFILL WITH EXCAVATED MATERIAL. RESTORE LANDSCAPE TO MATCH EXIST.
- ▶ NOT USED
- ▶ PROVIDE NEW WALT CROWL SIMILAR TO UTILITY WALT 330-30 1/2" DIAM. VERT. TYPE.
- ▶ PANEL DPD FEEDER PULL (2-SETS) OF 4 #3/4" 600V CABLES TO EXIST (2) 3" CONDUITS AND CONNECT TO PANEL DPD. REMOVE TOWER POWER CABLES BACK TO EXISTOR AND MATCH TO EXIST 11.
- ▶ DISCONNECT AND REMOVE SVK FEEDER FROM EXIST MANHOLE AND BOLD 17.
- ▶ CONDITION OF EXIST. TIE BANK DIRECTLY CONNECTING M/H & M/H-1 IS UNDESIRABLE

SCALE: 1" = 60'-0"

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Approved For:		Name	Initials	Date
Construction <input type="checkbox"/>		Director		
		Assoc. Dir.		
		Ch. of Staff		
		Ch. of Eng.		
Submittal <input type="checkbox"/>				

Drawing Title

SITE PLAN

Approved: Area Project Manager

Project Title VAPSHC, SEATTLE CAMPUS			
Building Number ALL	Checked	Drawn JCS	
Location VA PUGET SOUND HEALTH CARE SYSTEM, SEATTLE 1660 SO. COLUMBIAN WAY, SEATTLE, WA, 98108			

Date	12-8-08
Project No.	
DRAWING NO.	L-1
Dwg. 1 of 1	

