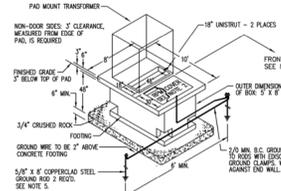
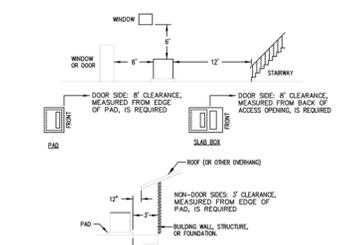


8'x10' SLAB BOX
FOR 3Ø PAD-MOUNTED TRANSFORMER
(FOOTING REQUIRED)
SEE UGS SS 530



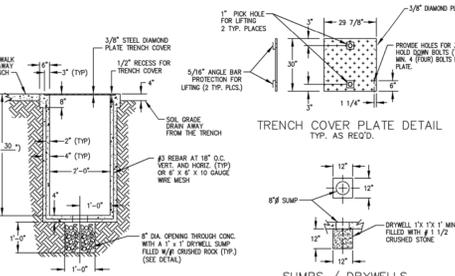
NOTES:
1. PAD OVERLAYS TO REST ON UNCOMPACTED BACKFILL TO PREVENT FUTURE SUBSIDIANCE.
2. THE SLAB 3" x 4" CLEAR OPENING SHALL BE COVERED WITH 2'-4" x 4" IRON COVER AS SHOWN ON UGS FC 848.
3. 1/2" MIN. CLEARANCE IS REQUIRED ON DOOR SIDE OF CABINET FOR OPERATION. REFER TO UGS SS 530.
4. APPROVED OPERATING MATERIALS (OSM) SHALL BE A MINIMUM OF 2/3 DIA. COVER.
5. GROUND RODS, CLAMPS, AND WIRE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. SEE UGS AC 703 FOR APPROVED OPERATING MATERIALS. GROUND WIRE TO BE A MINIMUM OF 2/3 DIA. COVER.
6. WASTIC SEALANT IS REQUIRED AT JOINTS.
7. SEE UGS SS 530 FOR CONDUIT ENTRANCE GUIDELINES.
8. SEE UGS SS 500 FOR APPROVED MANUFACTURERS.
DATE: Rev. 02/19/12

MINIMUM CLEARANCES FOR PADMOUNTED TRANSFORMERS
SEE DDS-3, 3-40



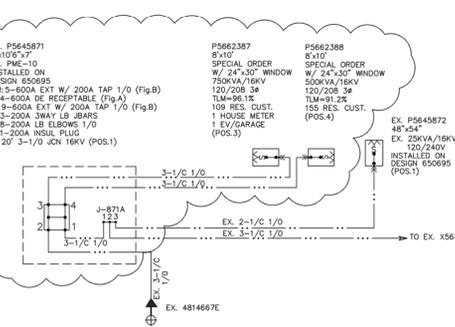
NOTES:
1. AN 8" MINIMUM CLEARANCE IS REQUIRED ON DOOR SIDE OF TRANSFORMER FOR OPERATION. THIS AREA MUST REMAIN CLEAR OF ALL OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO: SHARPS, TRUCKS, TRAILERS, WALLS, SIGN AND PANELS.
2. PAD-MOUNTED TRANSFORMERS SHALL BE LOCATED IN FRONT OF DOORS, STAIRWAYS, BENCHES, AND WALKWAYS THAT CAN BE OPENED, OR WHERE THEY WILL RESTRICT THE VIEW OF VEHICULAR TRAFFIC.
3. PAD-MOUNTED TRANSFORMERS SHALL BE LOCATED AT LEAST THE MINIMUM DISTANCE AWAY FROM BUILDINGS OR OTHER STRUCTURES TO ENSURE ADEQUATE SPACE FOR OPERATING TO MINIMIZE VIBRATION HAZARD, AND TO MEET FIRE SAFETY REQUIREMENTS.
4. A CLEAR PASSAGEWAY OF 12 FEET MINIMUM SHALL BE AVAILABLE AT ALL TIMES, IMMEDIATELY ADJACENT TO ONE SIDE OF THE TRANSFORMER TO PROVIDE AN ACCESSIBLE COURSE FOR TRANSFORMER MAINTENANCE. THIS REQUIREMENT SHALL BE DESIGNED TO MEET 110-CP (CP-TM) CONSTRUCTION.
5. TRANSFORMER ENCLOSURES SHALL BE INSTALLED ON NON-FRAGILE AREAS. TRANSFORMER PROTECTION IS REQUIRED WHEN COMPANY EQUIPMENT IS EXPOSED TO TRAFFIC. THIS PROTECTION MAY BE IN THE FORM OF BARRIERS, BARRICADES, OR CURB. A CURB HEIGHT A MINIMUM HEIGHT OF 4" AND A MINIMUM OF 1/2" DIA. COVER. THE CURB AND ITS FRONT FACE LOCATED 60 INCHES MINIMUM FROM THE EQUIPMENT FOUNDATION.
DATE: Rev. 02/14/12

CABLE TRENCH - BUILDING ENTRY

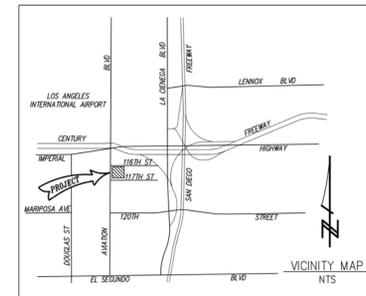


NOTES:
1. CONTRACTOR TO FURNISH AND INSTALL A CONCRETE TRENCH AS REQUIRED BY THE EDISON CO. REINFORCED WITH #3 REBAR 18" O.C. OR #4 @ 12" O.C. MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS WITH A SMOOTH FINISH (REFER TO UGS SS 500).
2. ALL CONDUITS ENTERING THE TRENCH SHALL BE TERMINATED AND INSTALLED IN POSITION PRIOR TO TRENCH BEING POURED. (PER UGS CD 101 OR 130 MAIN NOTES).
3. CONTRACTOR TO FURNISH ALL STEEL DIAMOND PLATE FLATES.
4. COVER TO BE 3/8" SAFETY PLATE TREATED WITH ONE COAT SUBALOX #4 501 PRIMER AND THEN WITH ONE COAT OF SUBALOX #4 MEDIUM GREY HEAVY DUTY PAINT OR EQUAL, AFTER FABRICATION.
5. TRENCH COVER PLATE SECTIONS NOT TO EXCEED 6" (6" MAX) SQUARE FEET EACH.
6. CONTRACTOR TO FURNISH AND INSTALL 3/8" NPT HOISTS AND HOLD SLIPS AS NEEDED MINIMUM OF 4 (FOUR) PER EACH DIAMOND PLATE SECTION.
7. WHEN THE CABLE TRENCH IS REQUIRED TO EXTEND INTO A BUILDING REFER TO EXHIBIT "A".
A 5/8" DIA. (Ø) TAPERED DAM SHALL BE CONSTRUCTED WHEN THE CABLE TRENCH EXTENDS INTO THE BUILDING.
DATE: Rev. 04/29/09

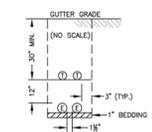
SINGLE LINE



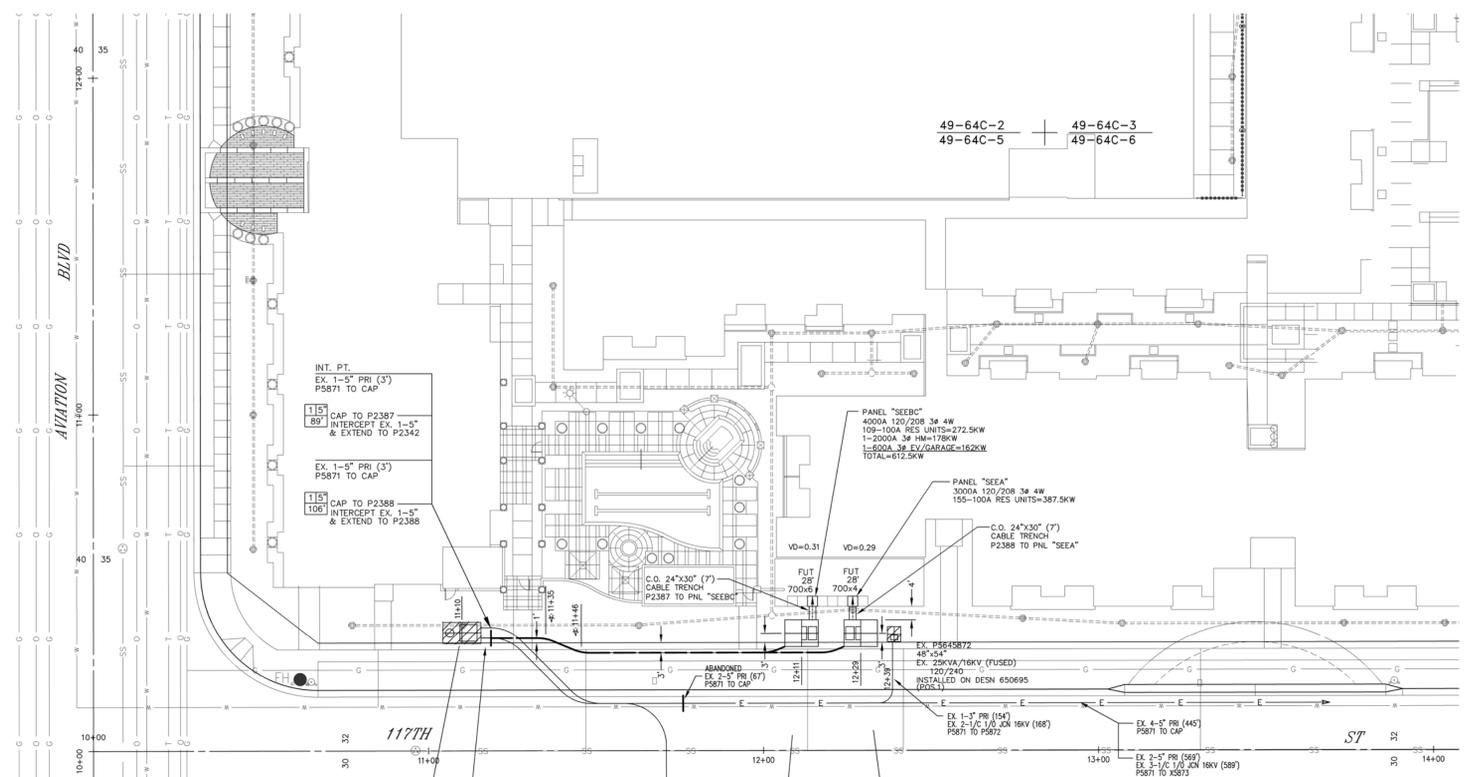
SANDRA 16KV
FELTON SUB



ALL TRENCHES SHALL HAVE A MINIMUM UNIFORM DEPTH OF 30" BELOW FINISHED GRADE.



ALTERNATE CONDUIT BANK SECTION
SHOWING DIRECT BURIAL SIMILAR CONSTRUCTION FOR FEMER CONDUIT
REFER TO UGS 120.2



NOTES:
1. CUSTOMER TO RELOCATE STORM DRAINS AROUND SCE STRUCTURES.
2. CUSTOMER TO RELOCATE SIDEWALK AROUND SCE STRUCTURES.
3. TIE-IN MADE THROUGH SIDE WALL OF STRUCTURE (Vault, Manhole, PME, SCE/ST, BURD, Slab Box, Pull Box, PME) The customer is responsible to trench to the structure entrance point and bring the conduit to within 5' of the structure being entered. The customer is to provide site coupling and conduit.
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