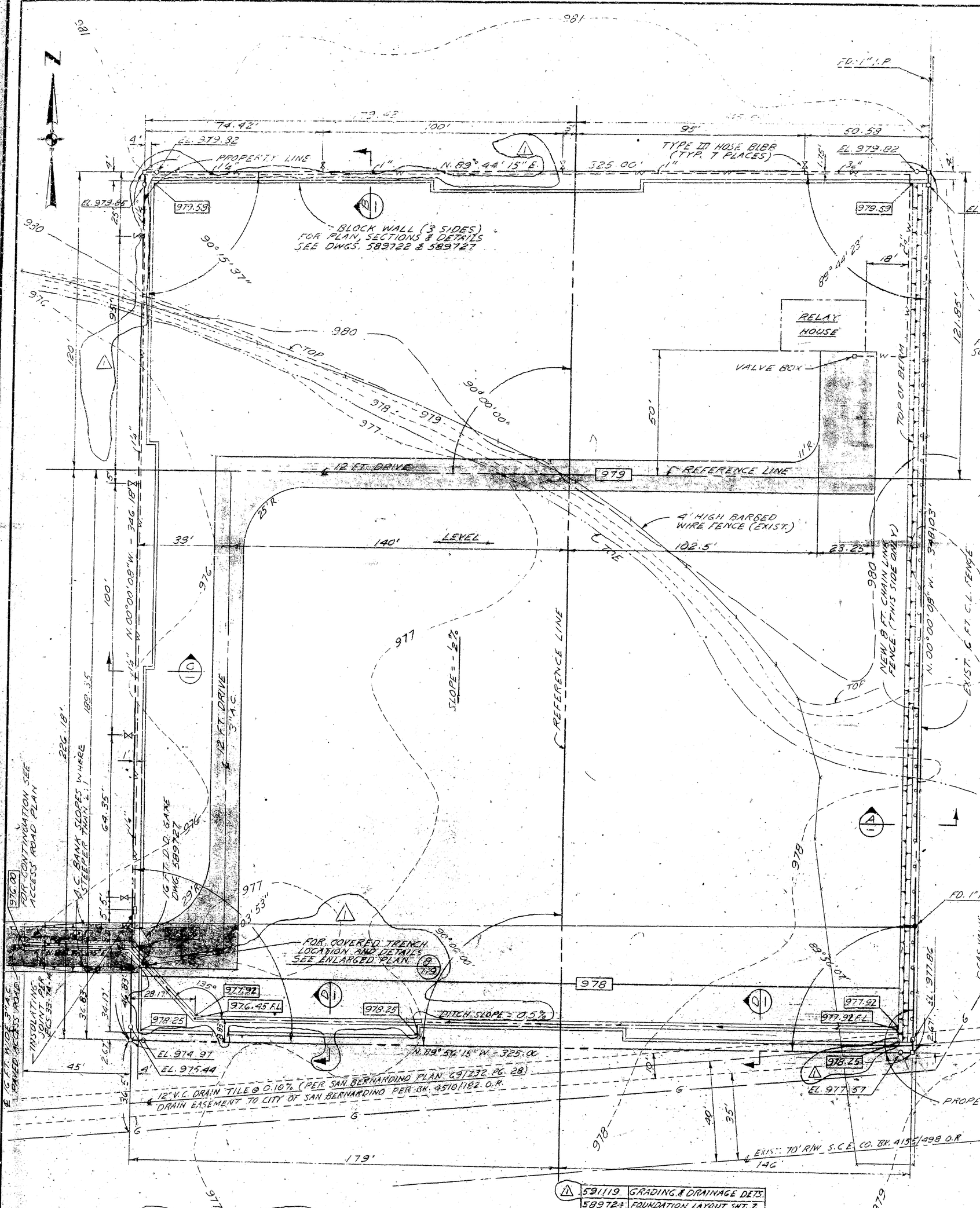
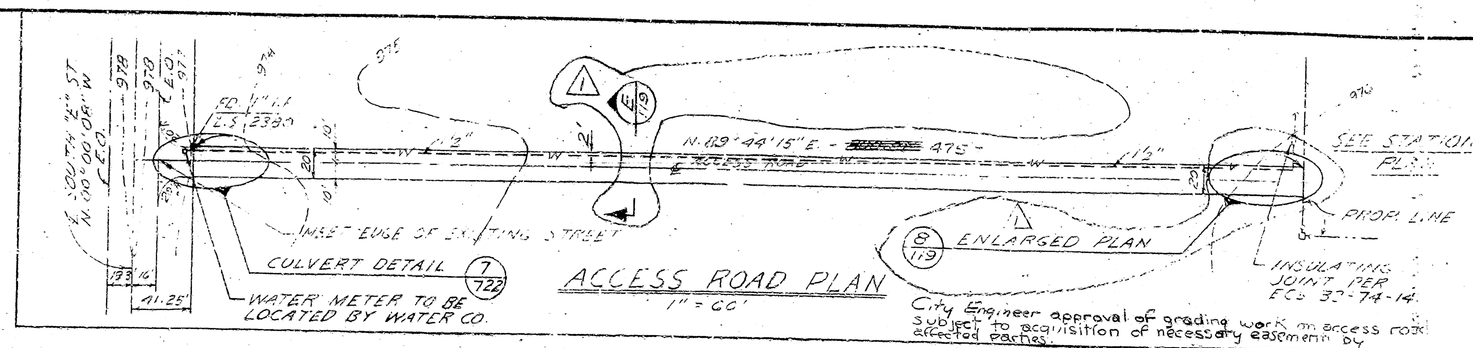
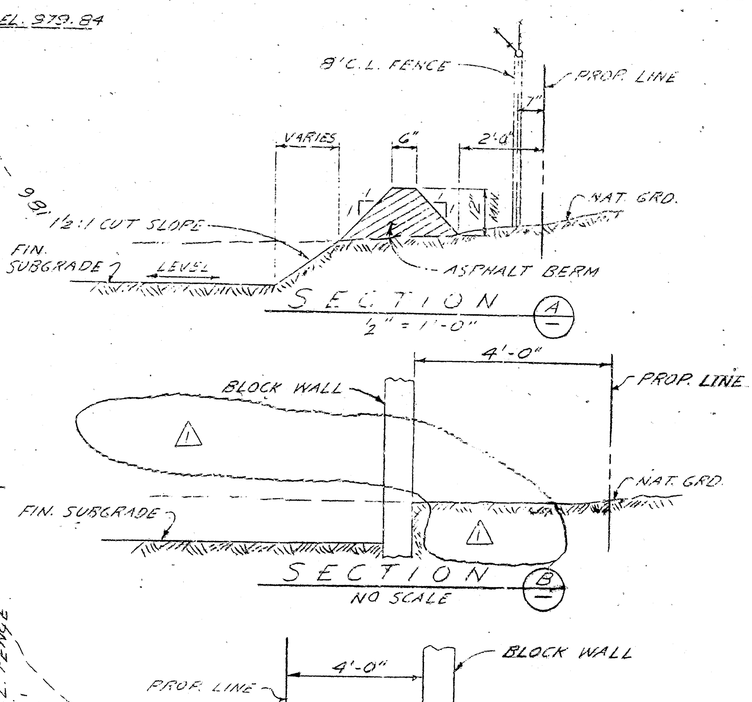






LEGEND

- EXISTING GROUND CONTOUR
- 000 — FINISHED SUBGRADE CONTOUR
- 000.00 — FINISHED SUBGRADE ELEVATION
- 8 FT CHAIN LINK FENCE
- FOUND MONUMENT AS NOTED
- SET 4"x4" POST TAGGED L.S. 2390 10" ABOVE SURFACE AT PROPERTY CORNER
- SET 2" I.P. AND S.C.E. CO. BRASS TAG STAMPED L.S. 2390 AND MARKED "S" 5' EACH WAY FROM PROPERTY CORNER
- DRAINAGE GUTTER FLOWLINE
- 000.00FL — FLOWLINE ELEVATION

GENERAL NOTES:

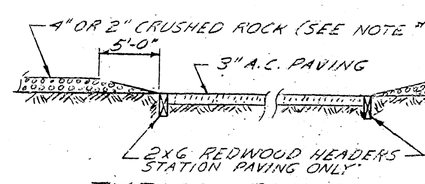
1. EXISTING ELEVATIONS FROM DWGS. 589054 & 589412, TOPOGRAPHIC MAPS OF SUBSTATION SITE & ACCESS ROAD.
2. BENCH MARK: U.S.C.&G.S. ON SOUTH "E" STREET NEAR T/W CORNER OF PROPERTY "R" 527, 1957. ELEVATION 976.79
3. BASIS OF BEARINGS: IS THE CENTERLINE OF "E" STREET (FEIN N. 00° 00' 08" W. AS SHOWN ON RECORD OF SURVEY 25/12
4. SITE PREPARATION, GRADING, FENCING, DRAINAGE STRUCTURES AND ASPHALT BERM SHALL BE IN ACCORDANCE WITH SPECIFICATION E-4801, I.E.S. AS FOLLOWS: EARTHWORK SEC. 2A, FENCING SEC. 2D, CONC. FOR GUTTER SEE 3A AND ASPHALT FOR BERM SEC. 2C
5. CUT SLOPES TO BE 1½:1 (MAX.) AND FILL SLOPES TO BE 2:1 (MAX.) UNLESS OTHERWISE NOTED.
6. CHAIN LINK FENCE TO BE 8 FT. WITH 5 STRANDS OF BARBED WIRE. DETAILS SHALL BE AS SHOWN ON DWGS. 425431, & 426872. BARBED WIRE EXTENSION ARMS SHALL BE INSTALLED TOWARD THE INSIDE.
7. FOR MASONRY NOTES SEE DWG. 589727.
8. AREA SHOWN SHADED ON THE PLAN TO BE PAVED WITH 3 INCHES OF ASPHALTIC CONCRETE IN ACCORDANCE WITH SPECIFICATION E-4801 SEC. 2C AND AS SHOWN BELOW.

HYDROLOGY:

THE TRIBUTARY DRAINAGE AREA IS NOT DEFINABLE FROM THE TOPOGRAPHY DRAWINGS. THE GENERAL TOPOGRAPHY OF THE AREA IS FLAT WITH NO DEFINITE DRAINAGE CHANNELS IN THE VICINITY OF THE SUBSTATION SITE. RUN-OFF IS LIMITED TO SURFACE FLOW. FUTURE CITY STREETS AROUND THE SITE WILL CONTROL THE DRAINAGE PATTERN. THE SITE GRADING WILL NOT CHANGE THE DRAINAGE CONDITIONS OF THE ADJACENT AREAS.

SITE RECONNAISSANCE BY J.C. FICKES, C.E. 10756

9. ALL WORK SHOWN ON PLAN SHALL BE DONE IN COMPLIANCE WITH ORD. NO. 2676, CITY OF SAN BERNARDINO.
10. PRIOR TO ANY GRADING WORK, GRADING PERMIT SHALL BE SECURED FROM THE CITY ENGINEERS OFFICE PER SECTION 7009 (B) OF ORD. NO. 2676.



TYPICAL PAVING SECTION
NO SCALE

ESTIMATED QUANTITIES:

3,050 CU. YDS COMPACTED FILL IN PLACE
1,300 CU. YDS. EXCAVATION

CONTRACTOR TO VERIFY ESTIMATED QUANTITIES

Reference Drawings		No.
591119	GRADING & DRAINAGE DETS.	
589723	FOUNDATION LAYOUT SHT. 1	
589727	16 FT. D.D. METAL GATE DETS.	
589722	BLOCK WALL PLAN & DETAILS	
E-4801	CONST. SPECIFICATIONS	
426872	BARBED WIRE STANDARDS	
425431	8 FT. C.L. FENCE DETAILS	
589412	TOPO OF ACCESS ROAD	
589054	TOPO. OF SUBSTATION SITE	

BECHTEL CORPORATION
ENGINEERS & CONSTRUCTORS
LOS ANGELES, CALIF.

JOB NO. 7419 | DATE 11-7-66 | APPROVED

GRADING PLAN

APPROVED (grading only) 1967

CITY ENGINEER — RCE 13653

DEPT. OF ENGINEERING
CITY OF SAN BERNARDINO

DRAWING NO. 3578
SHEET 1 OF 1 SHT.

No.	Revisions	Date	Approved	O.K.	O.K.	CK'd.	Made	J.O. No.
1	REVISED DRAINAGE ADDED NOTES & MAP.	12-6-67		DMD				7419

Scale AS SHOWN

Location HOMART SUBSTATION

GRADING, DRAINAGE, FENCING & PAVING PLAN

Southern California Edison Company

SE

D/S8/287