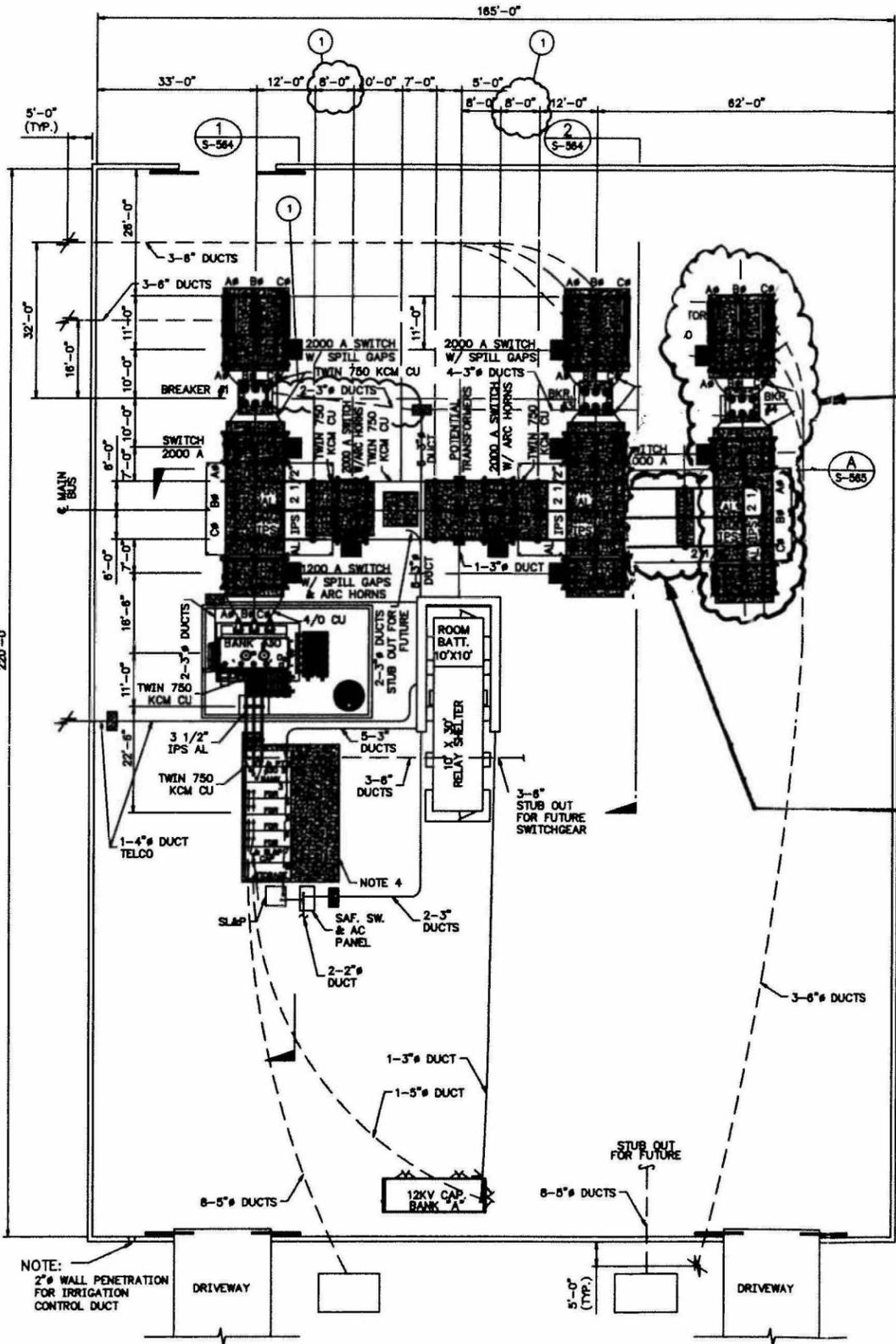


Appendix A

Pala Substation

**Proposed General Arrangement and Section View
(Reliability Network Upgrade included)**



**INTERCONNECTION
FACILITIES FOR
ORANGE GROVE
GENERATION FACILITY**

**RELIABILITY NETWORK
UPGRADES FOR
ORANGE GROVE
GENERATION FACILITY**

NOTES:

1. DISTRIBUTION 12KV DUCTS TO BE INSTALLED FOR ULTIMATE. COORDINATE WITH DISTRIBUTION IN THE FIELD FOR ANY CONFLICTS.
2. THE UNDERGROUND DUCT SYSTEM SHOWN ON THIS DRAWING IS FOR ULTIMATE PLANNING ONLY AND IS NOT TO BE USED FOR ANYTHING OTHER THAN PLANNING. FOR UNDERGROUND DUCT SYSTEM, REFER TO STATION DRAWING PA-S-645 FOR PLAN, SECTION & DETAIL INFORMATION.
3. ALL CONTROL DUCTS ARE TO BE DIRECT BURIED. FOR LOCATIONS, DIRECTIONS, STUB-OFF'S AND DEPTHS, REFER TO PA-S-645.
4. FOR SWITCHGEAR DUCT REQUIREMENTS SEE PA-S-646.

LEGEND:

- POWER DUCT BANKS
- TELCO OR FIBER-OPTIC, CONTROL CABLE
- * INDICATES FIELD COORDINATION W/ DISTRIBUTION AND TRANSMISSION AS REQUIRED

REFERENCE DRAWINGS:

- | | |
|-----------------------------|-----------|
| ULTIMATE ARRANGEMENT | S-500 |
| SECTIONS 1-1, 2-2 & 3-3 | S-500-584 |
| ELEVATION A-A | S-500-585 |
| POWER & CONTROL DUCT LAYOUT | S-645 |
| SWITCHGEAR PAD "S-30" | S-646 |

NOTE:
2" WALL PENETRATION
FOR IRRIGATION
CONTROL DUCT

REVISIONS

NO.	WORK DONE	DATE	BY	APP'D	NO.	WORK DONE	DATE	BY	APP'D	NO.	WORK DONE	DATE	BY	APP'D	NO.
0	NEW DRAWING														
1	CHANGE DUCT LOCATIONS														

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

**PALA SUBSTATION
GENERAL ARRANGEMENT**

DESIGN BY BAW	DATE 10/31/00	SCALE 1"=15'	NO. 5881300	REV. 1
CHECKED BY BAW	DATE 10/31/00			
APPROVED BY REF	DATE 10/31/00			
ONE NO. PASSO1	PLAT BOARD	1 - 180		

PA-S-501

