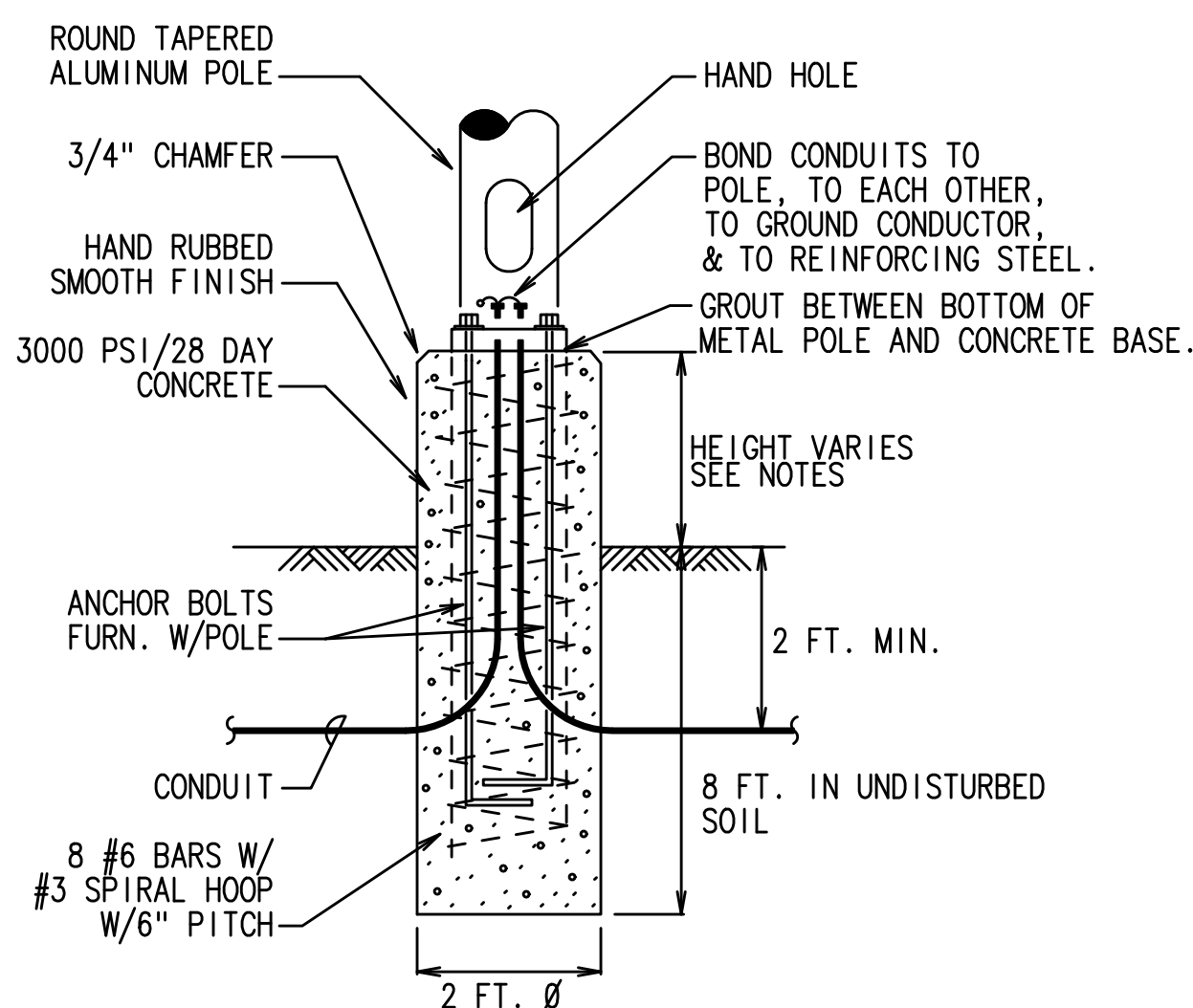


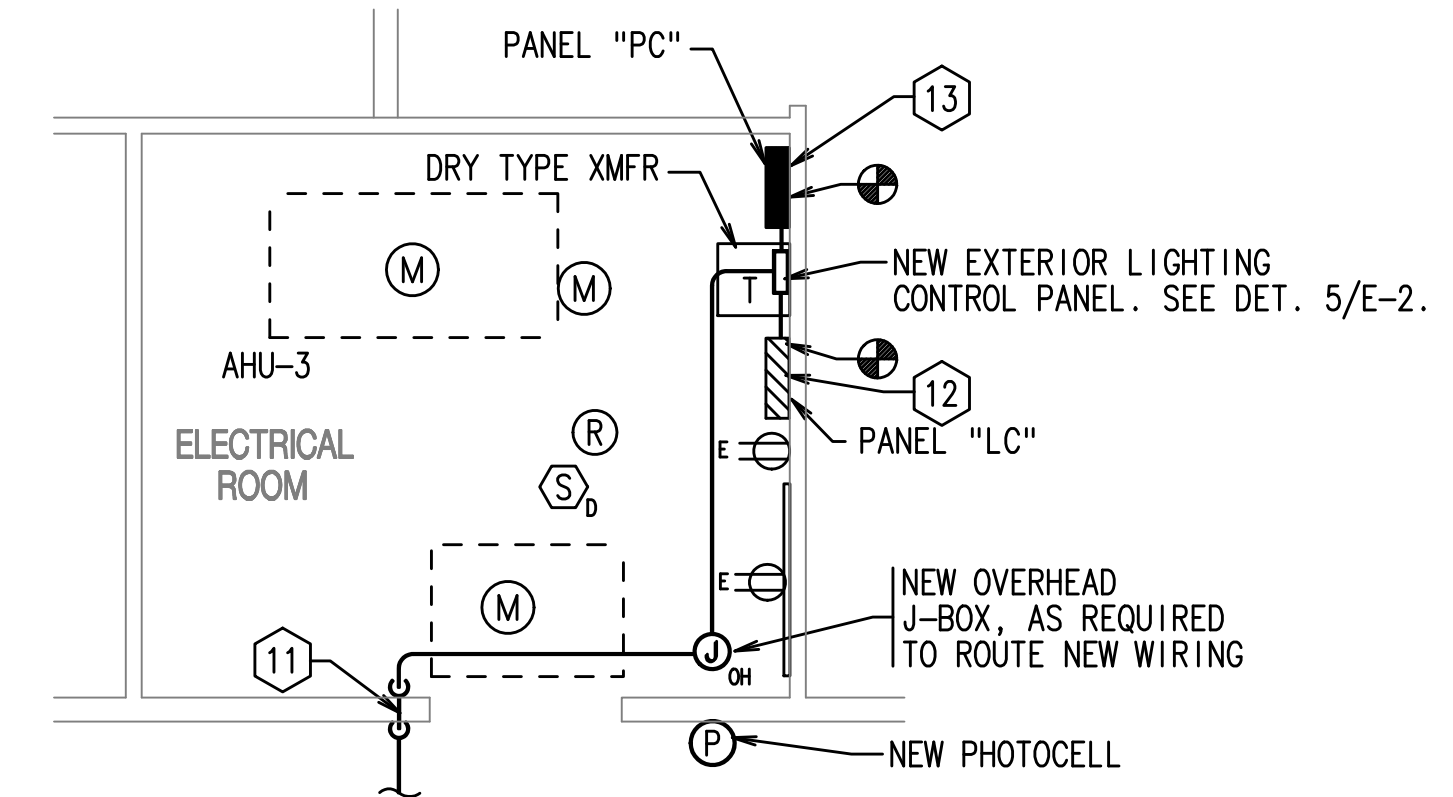
NOTES: (SHEET E-1)

- 1 2 #10 THWN & 1 #10 THWN GROUND IN 3/4" CONDUIT.
- 2 3 #8 THWN & 1 #8 THWN GROUND IN 1" CONDUIT.
- 3 3 #6 THWN & 1 #6 THWN GROUND IN 1" CONDUIT.
- 4 NEW ELECTRIC SERVICE ENTRANCE RACK WITH PANEL "PL" AND LIGHTING CONTROL PANEL. REFER TO ELECTRIC RISER DIAGRAM, SHEET E-2.
- 5 EXISTING POWER POLE. COORDINATE WITH CPS ENERGY TO PROVIDE NEW POLE MOUNTED TRANSFORMER WITH RISER FOR OVERHEAD TO UNDERGROUND ELECTRIC SERVICE TO NEW SERVICE RACK.
- 6 PROVIDE TWO (2) 4" SCHEDULE 40 PVC SLEEVES UNDER EXISTING DRIVEWAY/PARKING LOT PAVEMENT. UTILIZE ONE (1) SLEEVE FOR ROUTING ELECTRIC POWER. OTHER SLEEVE IS USED FOR FUTURE. EXTEND SLEEVES A MINIMUM OF 18 INCHES PAST EDGE OF PAVEMENT INTO GRASS OR LANDSCAPE AREA.
- 7 PROVIDE TWO (2) 4" SCHEDULE 40 PVC SLEEVES UNDER EXISTING SIDEWALK. UTILIZE ONE (1) SLEEVE FOR ROUTING ELECTRIC POWER. OTHER SLEEVE IS USED FOR FUTURE. EXTEND SLEEVES A MINIMUM OF 18 INCHES PAST EDGE OF SIDEWALK INTO GRASS OR LANDSCAPE AREA.
- 8 PROVIDE TWO (2) 4" SCHEDULE 40 PVC SLEEVES UNDER EXISTING PARKING LOT EXTENDING FROM GRASS AREA TO PARKING LOT ISLAND. UTILIZE ONE (1) SLEEVE FOR ROUTING ELECTRIC POWER, OTHER SLEEVE IS USED FOR FUTURE. EXTEND SLEEVES A MINIMUM OF 18 INCHES PAST EDGE OF PAVEMENT INTO GRASS AREA.
- 9 NEW POLE LIGHT FIXTURE IS NOT TO BE ORIENTED AT RIGHT ANGLE TO PAVEMENT, BUT IS TO BE ANGLED TO BETTER SERVE THE PAVEMENT AREA. CONFIRM REQUIRED ANGLE WITH ENGINEER IN FIELD PRIOR TO INSTALLATION.
- 10 PROVIDE WEATHERPROOF JUNCTION BOX AT GRADE TO SERVE NEW LIGHTING. BOX SHALL BE EQUAL TO HUBBELL/QUAZITE 6 X 8 PC STYLE POLYMER CONCRETE ENCLOSURE, MODEL PC0608H0017/PC0608DA06, 9" X 11" OVERALL DIMENSIONS X 6.75" DEEP. TYPICAL.
- 11 CONDUIT WITHIN EXISTING ELECTRICAL ROOM SHALL BE NOT LESS THAN 1-1/2". ROUTE CONDUIT DOWN ALONG WALL. PROVIDE CONDUIT "LB" AND EXTEND THROUGH WALL AT APPROXIMATELY 8 INCHES ABOVE FIN. FLOOR AND THEN ROUTE DOWN EXTERIOR OF BUILDING TO UNDERGROUND. PROVIDE CONDUIT "LB" AT EXTERIOR WALL AS WELL. ALL EXPOSED CONDUIT SHALL BE RIGID METAL CONDUIT. ALL UNDERGROUND CONDUIT SHALL BE RIGID NON-METALLIC CONDUIT. CONDUIT WITHIN THE ELECTRICAL ROOM MAY BE EMT. SEAL PENETRATION OF CONDUIT THROUGH EXTERIOR WALL WEATHERTIGHT.
- 12 PROVIDE TWO (2) NEW 20A/1P CIRCUIT BREAKERS IN EXISTING GE NHB PANEL TO SERVE NEW LIGHTING CIRCUITS. INCLUDE IN PHASE II WORK.
- 13 PROVIDE ONE (1) NEW 20A/1P CIRCUIT BREAKER IN EXISTING GE NHB PANEL TO SERVE NEW LIGHTING CONTROLS. INCLUDE IN PHASE II WORK.

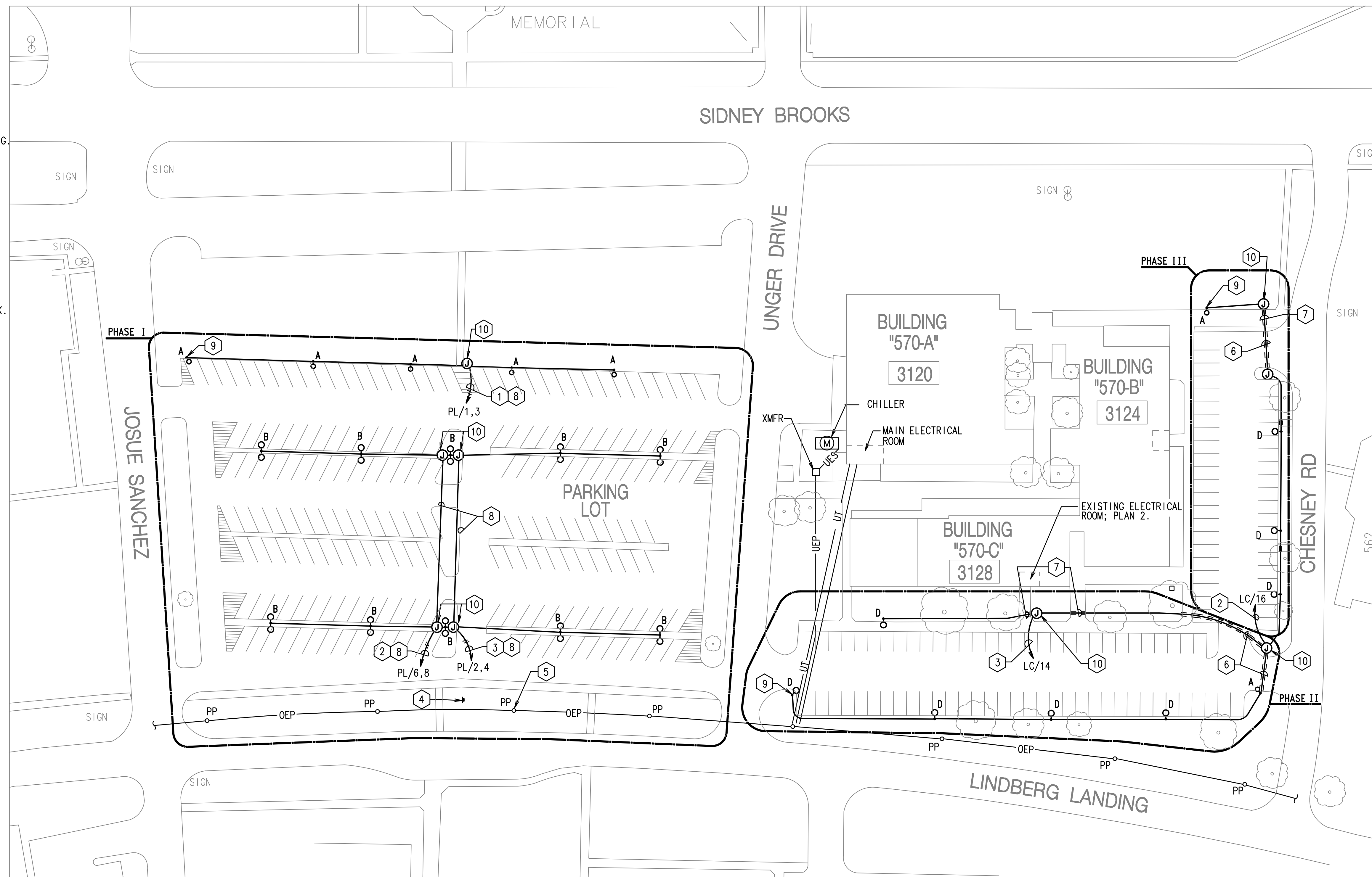
* NOTE:
 - IF POLE MOUNTED BETWEEN PARKING AREA AND CURB, HEIGHT IS 36".
 - IF POLE MOUNTED WITH SIDEWALK AND CURB BETWEEN PARKING AREA, HEIGHT IS 4".
 - IF POLE MOUNTED IN PARKING LOT AND NOT PROTECTED BY CURB, HEIGHT IS 42".



3 **DETAIL - POLE BASE**
NO SCALE:



2 **PARTIAL FLOOR PLAN - ELECTRICAL**
NO SCALE: BLDG # 570-C



1 **SITE PLAN - ELECTRICAL**
SCALE: 1" = 30' - 0"

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BCB - BLDG 570
3120, 3124 & 3128 SIDNEY BROOKS DRIVE
SAN ANTONIO, TEXAS 78235
ELECTRICAL

PROJECT NO.	8700-02
DRAWN	RRL
DESIGNED	JTR
CHECKED	JTR
DATE	04/29/2015
REVISIONS	

SHEET TITLE
SITE PLAN - ELECTRICAL, PARTIAL PLAN, & DETAIL

SHEET
E - 1
 OF 2