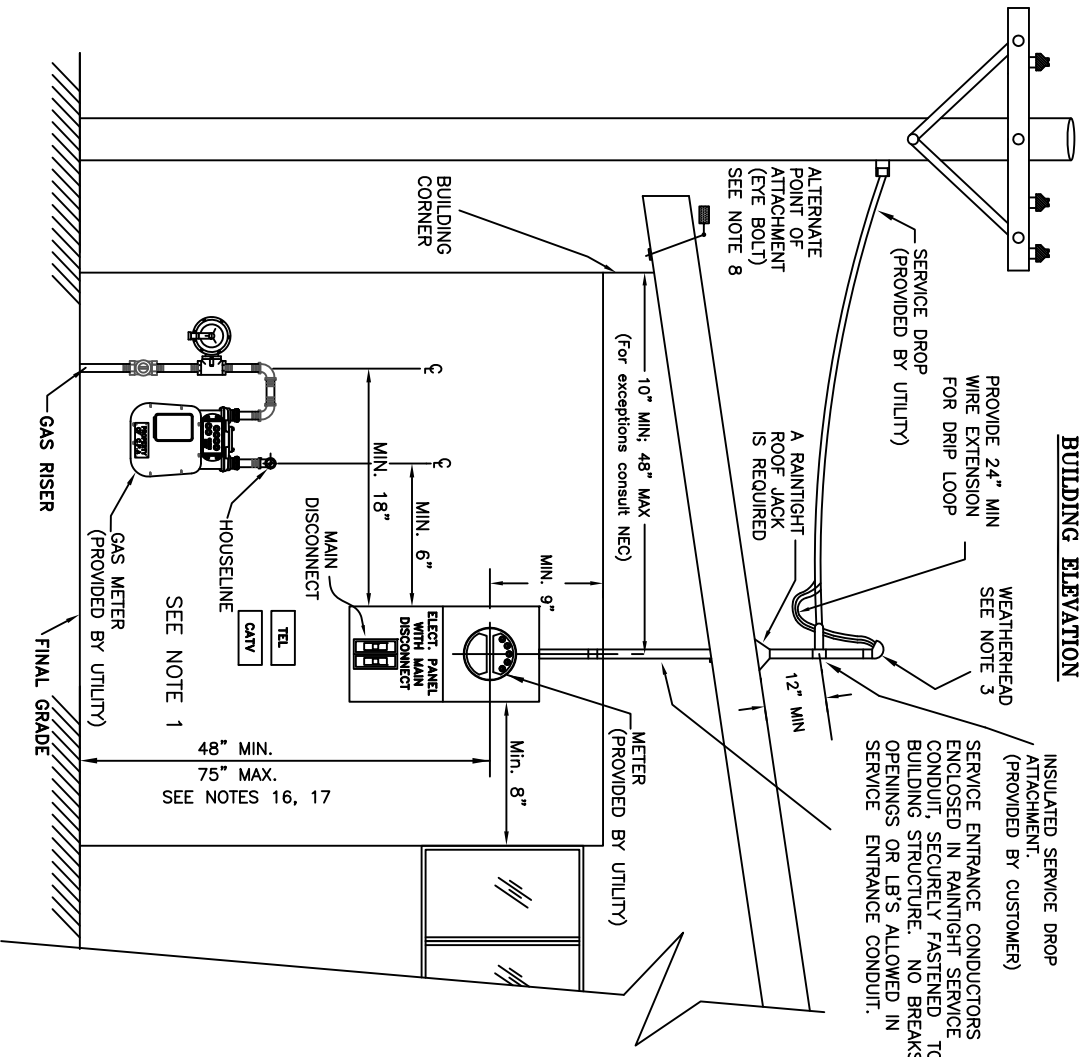


BUILDING ELEVATION



NOTES:

1. NO OBSTRUCTIONS ARE PERMITTED WITHIN THE AREA AROUND THE METER, SEE DWG SR-MT-E-1012 FOR DETAILS.
2. MAINTAIN A 30" WIDE X 36" DEEP CLEAR AND LEVEL WORKING SPACE IN FRONT OF THE ELECTRIC METER
3. THE WEATHERHEAD SHALL BE LOCATED NO MORE THAN 24" FROM THE SERVICE ATTACHMENT POINT AND BETWEEN 18" AND 48" ABOVE THE ROOF, 24" TO 30" RECOMMENDED. IF THE PERISCOPE EXTENDS MORE THAN 30" ABOVE THE ROOF IT SHALL BE BRACED AGAINST THE SERVICE CONDUCTOR PULL.
4. THE POINT OF ATTACHMENT MAY BE EITHER ON THE BUILDING WALL NEAR THE UTILITY LINE OR ON A PERISCOPE FIXED TO THE BUILDING'S ROOF NOT MORE THAN 18 INCHES BACK OF THE ROOFLINE.
5. THE POINT OF ATTACHMENT SHALL BE BETWEEN 12 AND 18 FEET ABOVE GRADE AND SAFELY ACCESSIBLE BY LADDER. WORKING SPACE FOR A LADDER EQUAL TO A DEPTH OF 1/4 THE HEIGHT OF THE LADDER TOP SUPPORT IS REQUIRED.
6. BRACING SHALL BE TWO GALVANIZED STEEL BRACES (3/4" RIGID STEEL PIPE OR 1-1/4" X 1-1/4" X 1/8" STEEL ANGLE IRON MINIMUM) SECURELY BOLTED OR LAGGED TO THE FRAMEWORK WITH 3/8" X 3" LAG SCREWS WITH A 90° SPREAD AND SECURED TO THE PERISCOPE NO MORE THAN 6" BELOW THE SERVICE POINT OF ATTACHMENT.
7. ROOF CLEARANCES FOR THE SERVICE DROP MUST MEET THE REQUIREMENTS OF CEC ARTICLE 230.24.
8. ONLY ELECTRICAL FACILITIES MAY BE ATTACHED TO THE ELECTRICAL WEATHERHEAD.
9. ONLY THREADED PIPE COUPLINGS ARE ALLOWED (NO COMPRESSION COUPLINGS) AND BRACING IS REQUIRED BOTH ABOVE AND BELOW THE COUPLING.
10. METER SOCKET CLEARANCE FROM THE GROUND SHALL BE MEASURED FROM THE FINAL GRADE
11. WHERE LOAD REQUIRES HEAVY SERVICE DROP CONDUCTORS, THE SERVICE DROP WILL BE 3 SINGLE CONDUCTORS INSTEAD OF CABLE AND 3 EYEBOLTS OR INSULATED CLEWES WILL BE REQUIRED.
12. METER MOUNTING DEVICE SHALL HAVE A MAIN DISCONNECT IN THE SAME CABINET.
13. FOR MORE DETAILED INFORMATION CONSULT CPA ELECTRIC SERVICE REQUIREMENTS MANUAL.
14. UNLESS OTHERWISE NOTED, ALL SERVICE FACILITIES ARE THE RESPONSIBILITY OF THE CUSTOMER.
15. SERVICE ENTRANCE CONDUIT AND CABLE MUST MEET CEC REQUIREMENTS.
16. PER CEC ARTICLE 404.8(A) THE HIGHEST POINT OF THE BREAKER HANDLE CANNOT BE MORE THAN 79" ABOVE GRADE/FLOOR.
17. SEE CPAU ENG STD DWG SR-MT-3-1035 FOR METER DETAILS ON METER INSTALLATIONS IN DRIVEWAYS.

RECOMMENDED SERVICE ENTRANCE CONDUCTOR

Service Voltage (Volts)	Main Service (Amps)	Customer's Minimum Conduit Size	Recommended Conductor Size AL	Recommended Conductor Size CU
120/240	100/125	1 1/4" - 2"	1/0	2
1-phase	200	2"	4/0	2/0
3 wire	400 *	4"	750	500
120/208	200	2"	4/0	2/0
1-phase	3 wire			

* Note: Class 320 (Residential only)

APPROVED 12/8/06
 Original Signature
 Original Approved
 Original Engineer
 Original Drafter
 Original Checker
 PEV

ENGINEERING STANDARD
 TYPICAL OVERHEAD
 SERVICE INSTALLATION
 CITY OF PALO ALTO
 CALIFORNIA

REV	DATE	DESCRIPTION	APPR
5	3/16	REV NOTES, ADDED 16,17	TT
4	6/13	REVISED NOTES	TT
3	8/08	REVISED	TT
2	12/06	REVISED	TOPETE
1	9/99	REVISED	FINCH
REV	DATE	DESCRIPTION	APPR

NTS SR-CN-0-1009 1 OF 1
 SCALE STANDARD NO. SHEET NO.