

GENERAL NOTES:



1. ALL CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF SECTION 13.02 AND SECTION 13.04 OF THE MANHATTAN BEACH MUNICIPAL CODE AND CMB RESOLUTION NO. 19-0044.
2. FOR THE CITY'S REVIEW PRIOR TO CONSTRUCTION:
 - a. SUBMIT SITE PLAN WITH HORIZONTAL CONTROLS TO DETERMINE SMALL CELL INSTALLATION LOCATIONS.
 - b. SUBMIT CALIFORNIA LICENSED STRUCTURAL ENGINEER CALCULATIONS, STAMP, AND SIGNATURE PROVIDING ANALYSIS OF ALL STREET LIGHT POLES SUPPORTING NEW AND EXISTING EQUIPMENT. IF EXISTING POLE IS REPLACED, A NEW POLE (MAXIMUM 12-IN DIAMETER) SHALL BE INSTALLED IN THE ORIGINAL LOCATION.
 - c. SUBMIT ELECTRICAL CONSUMPTION LOAD REQUIREMENTS FOR NEW AND EXISTING EQUIPMENT, INCLUDING STREET LIGHT. A MAXIMUM OF 125 WATTS OR LESS RATED CONSUMPTION ATTACHED TO ANY ONE STREET LIGHT SECONDARY CIRCUIT CONNECTED TO SCE'S TRANSFORMER.

REFER TO SECTION 13.02 AND SECTION 13.04 OF THE MANHATTAN BEACH MUNICIPAL CODE AND CMB RESOLUTION NO. 19-0044 FOR SUBMITTAL REQUIREMENTS.
3. PAINT ANTENNA(S) / EQUIPMENT TO MATCH POLE.
4. ONE WEATHER RESISTANT SIGN OR DECAL SHALL BE AFFIXED TO THE EQUIPMENT IDENTIFYING THE UNIT NUMBER (SERIAL NUMBER). THE DECAL MUST ALSO IDENTIFY THE OWNER/OPERATOR AND LIST A 24-HOUR EMERGENCY CONTACT NUMBER. EACH SIGN/DECAL SHALL BE LEGIBLE FROM THE GROUND AND MAINTAINED AS SUCH.
5. EQUIPMENT MUST BE INSTALLED OPPOSITE VEHICULAR TRAFFIC SPACE AND SHALL NOT INTERFERE WITH THE INTENDED ILLUMINATION PATTERN.
6. THE STREET LIGHT POLE, MAST ARM AND LIGHT FIXTURE SHALL NOT BE DAMAGED OR ALTERED IN ORDER TO ACCOMMODATE THE INSTALLATION OF EQUIPMENT. INSTALLER SHALL NOT DRILL, BURN OR PUNCH ANY HOLES IN A MARBELITE POLE.
7. EXISTING STREET LIGHT LUMINAIRE AND MAST ARMS ARE TO BE SALVAGED WHEN POLE IS REPLACED. ANY SALVAGED EQUIPMENT NOT USED SHALL BE RETURNED TO THE CITY.
8. CONSTRUCTION MUST MEET CURRENT MINIMUM ADA PEDESTRIAN PATHWAY WIDTH CLEARANCES AND SURFACE CROSS FALL SLOPE REQUIREMENTS. OTHERWISE, APPLICANT IS RESPONSIBLE FOR ACQUIRING ADDITIONAL PEDESTRIAN PATHWAY EASEMENT FROM ADJACENT PROPERTY OWNER AND INSTALL SIDEWALK EXTENSION SUBJECT TO APPROVAL OF THE CITY ENGINEER. REFER TO STANDARD PLAN MBSI-115D.
9. UTILITY BOX SIZE AND MATERIAL SHALL BE PER UTILITY COMPANY STANDARDS. IF UTILITY BOXES ARE LOCATED IN THE SIDEWALK, REPLACE FULL WIDTH OF SIDEWALK TO NEAREST CONSTRUCTION JOINT PER CITY STANDARD MBSI-190A AND MBSI-112A (ST-2).
10. PULL-BOX WITH POWER SWITCH AND BREAKER SHALL BE LOCATED NO MORE THAN 20-FT FROM THE BASE OF THE SITE UTILITY POLE. BOX LID SHALL BE ENGRAVED WITH TEXT HEIGHT NO SMALLER THAN 3/4-IN CONTAINING THE FOLLOWING TEXT: "CELL SITE POWER SHUT-OFF SWITCH" AND HAVE THE SITE OWNER NAME, SITE ID, SITE ADDRESS AND EMERGENCY CONTACT PHONE NUMBER.
11. ENCLOSURE CONTAINING RADIO EQUIPMENT SHALL NOT EXCEED FOUR (4) CUBIC FEET IN SIZE. ONLY ONE VISIBLE ANTENNA PER "SEMI-STEALTH" SITE SHALL BE PERMITTED. ANTENNA IS NOT INCLUDED IN FOUR (4) CUBIC FOOT REQUIREMENT.
12. INSTALL VAULTS IN LOCATION THAT ALLOWS A 2-FT WIDE CLEAR AREA ADJACENT TO THE VAULT TO ALLOW FOR FUTURE CONDUIT INSTALLATIONS OR STREET WORK.
13. MAXIMUM OFFSET FOR RISER CONDUITS SHALL BE 4-IN.
14. PROTECT ALL SURROUNDING EXISTING CONDITIONS IN PLACE OR RESTORE IN KIND. FINAL WORK TO BE APPROVED BY ENGINEER.
15. STREET LIGHT CLEARANCES TO ELECTROLIERS MUST MEET THE REQUIREMENTS OF SOUTHERN CALIFORNIA EDISON DISTRIBUTION OVERHEAD CONSTRUCTION STANDARDS.

GIS NOTES:

DIGITAL SUBMITTAL REQUIREMENTS FOR DATA TO BE USED BY THE CITY'S GEOGRAPHICAL INFORMATION SYSTEM (GIS) IN PREPARING EXHIBITS, MAPS, ETC.:

1. PROVIDE DATA IN A VECTOR FORMAT. EXAMPLES OF PREFERRED AND ACCEPTABLE FORMATS ARE:
 - a. PREFERRED FORMAT: GIS SHAPEFILE (.SHP, .SHX, .DBF, AND .PRJ)
 - b. ACCEPTABLE FORMAT: AUTOCAD (.DWG OR .DXF)
 - c. ACCEPTABLE FORMAT: GOOGLE EARTH (.KML OR .KMZ)
2. USE UNDERSCORES OR HYPHENS IN THE FILE NAME, NOT SPACES. PROVIDE A SEPARATE DRAWING FILE FOR EACH INDIVIDUAL SHEET CREATED IN AUTOCAD.
3. FOR AUTOCAD FILES OR SHAPEFILES, DEFINE THE COORDINATE SYSTEM AS NAD 1983 STATE PLANE, CALIFORNIA ZONE 5 (US FEET).
4. FOR AUTOCAD FILES, CREATE ALL DATA ELEMENTS IN MODEL SPACE, ADD LAYOUT ELEMENTS IN LAYOUT SPACE, SAVE THE MODEL IN MODEL SPACE, DO NOT ADD VIEWPORTS TO MODEL SPACE AND EXPLODE THE BLOCKS.
5. PROVIDE DATA FOR ALL CONDUITS, BOXES, NODES, ETC. INSTALLED DURING THE PROJECT. SUBMITTAL SHALL BE FROM "RECORD DRAWINGS" DATA, NOT ORIGINAL DESIGNS.

	DATE REVISED	CITY OF MANHATTAN BEACH DEPARTMENT OF PUBLIC WORKS		
	08/24/2021			
		GENERAL NOTES FOR SMALL CELL INSTALLATIONS		
		APPROVED BY	 11/02/2021	STANDARD PLAN NUMBER
		PREM KUMAR, P.E., CITY ENGINEER	DATE	MBTU-800A-0 SHEET 1 OF 1