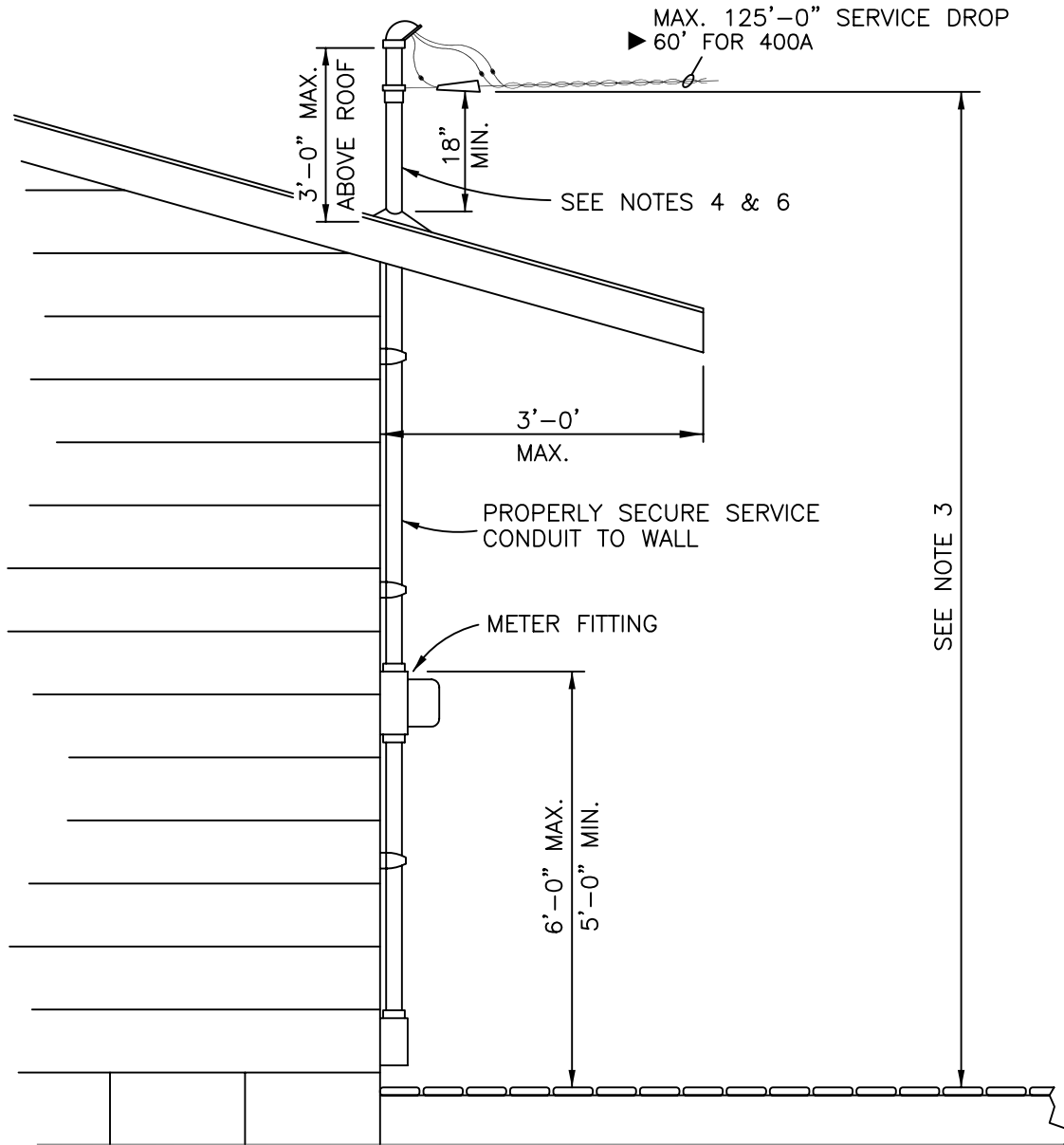


**NOTE:**

1. CONTRACTOR TO FURNISH AND INSTALL A MINIMUM SIZE 3/8" GALVANIZED LAG SCREW EYE OR EYE BOLT FOR ATTACHMENT OF SERVICE DROP.
2. 13'-6" MINIMUM ABOVE DECK, PATIO, GRADE, OR OTHER AREAS OF PEDESTRIAN TRAFFIC TO THE ATTACHMENT POINT.
3. THE SERVICE DROP SHALL NOT MAKE A SMALLER ANGLE THAN 30° WITH THE SIDE OF THE BUILDING.

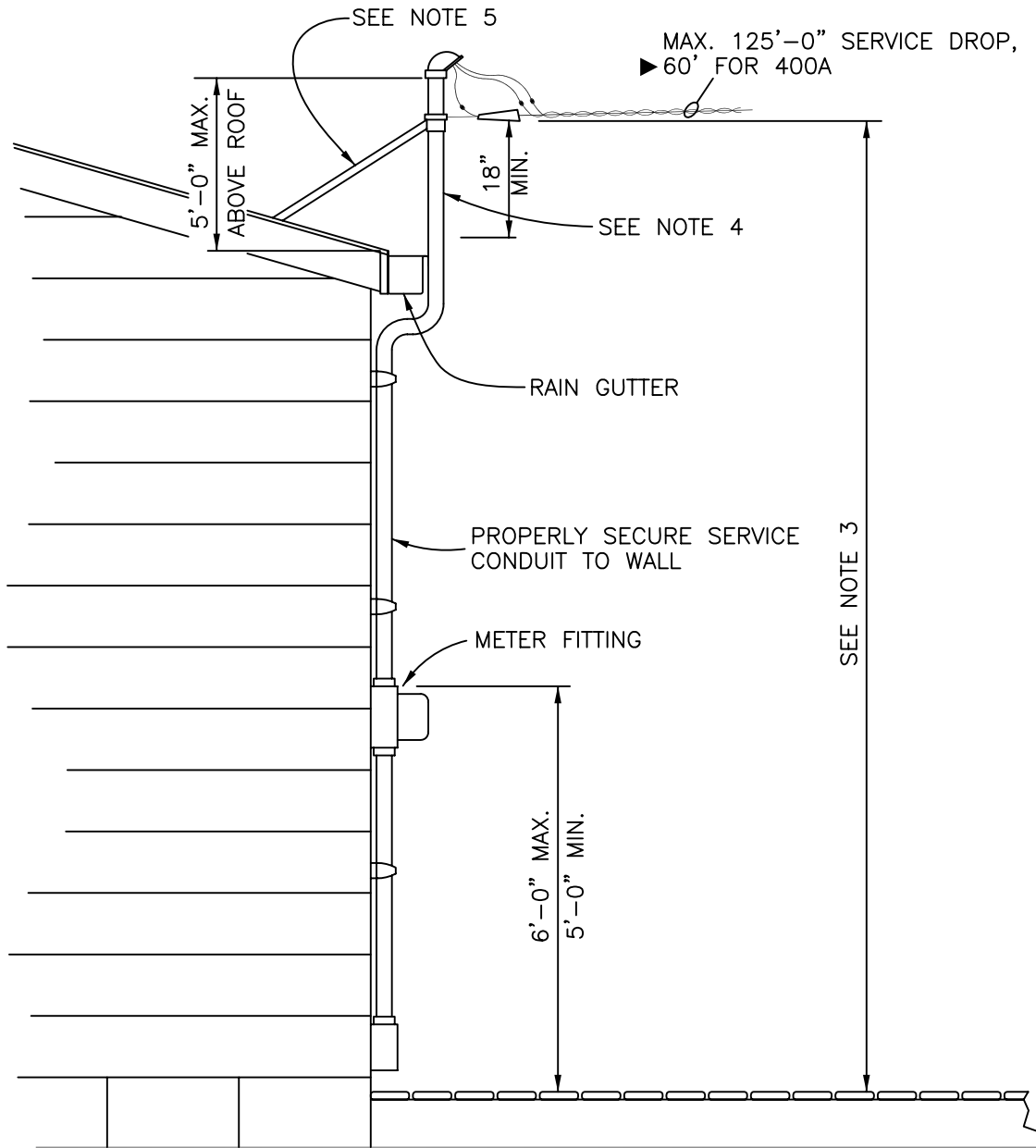
**SERVICE  
CONNECTION BELOW ROOF  
400 A MAXIMUM SERVICE**



NOTES:

1. SERVICE HEAD SHALL BE LOCATED SO CONNECTION CAN BE MADE FROM A LADDER WITHOUT CLIMBING ON ROOF.
2. NO COUPLINGS OR FITTINGS SHALL BE INSTALLED WITHIN 6'-0" OF SERVICE HEAD.
3. 13'-6" MINIMUM ABOVE DECK, PATIO, GRADE, OR OTHER AREAS OF PEDESTRIAN TRAFFIC TO THE ATTACHMENT POINT.
4. CUSTOMERS SERVICE RISER EXTENDING THROUGH ROOF FOR SUPPORT OF SERVICE DROP SHALL BE A MINIMUM OF 2" RIGID GALVANIZED OR INTERMEDIATE METAL CONDUIT.
5. THE SERVICE DROP SHALL NOT MAKE A SMALLER ANGLE THAN 30° WITH THE SIDE OF THE BUILDING.
6. NOT APPROVED FOR 480V. SERVICES.

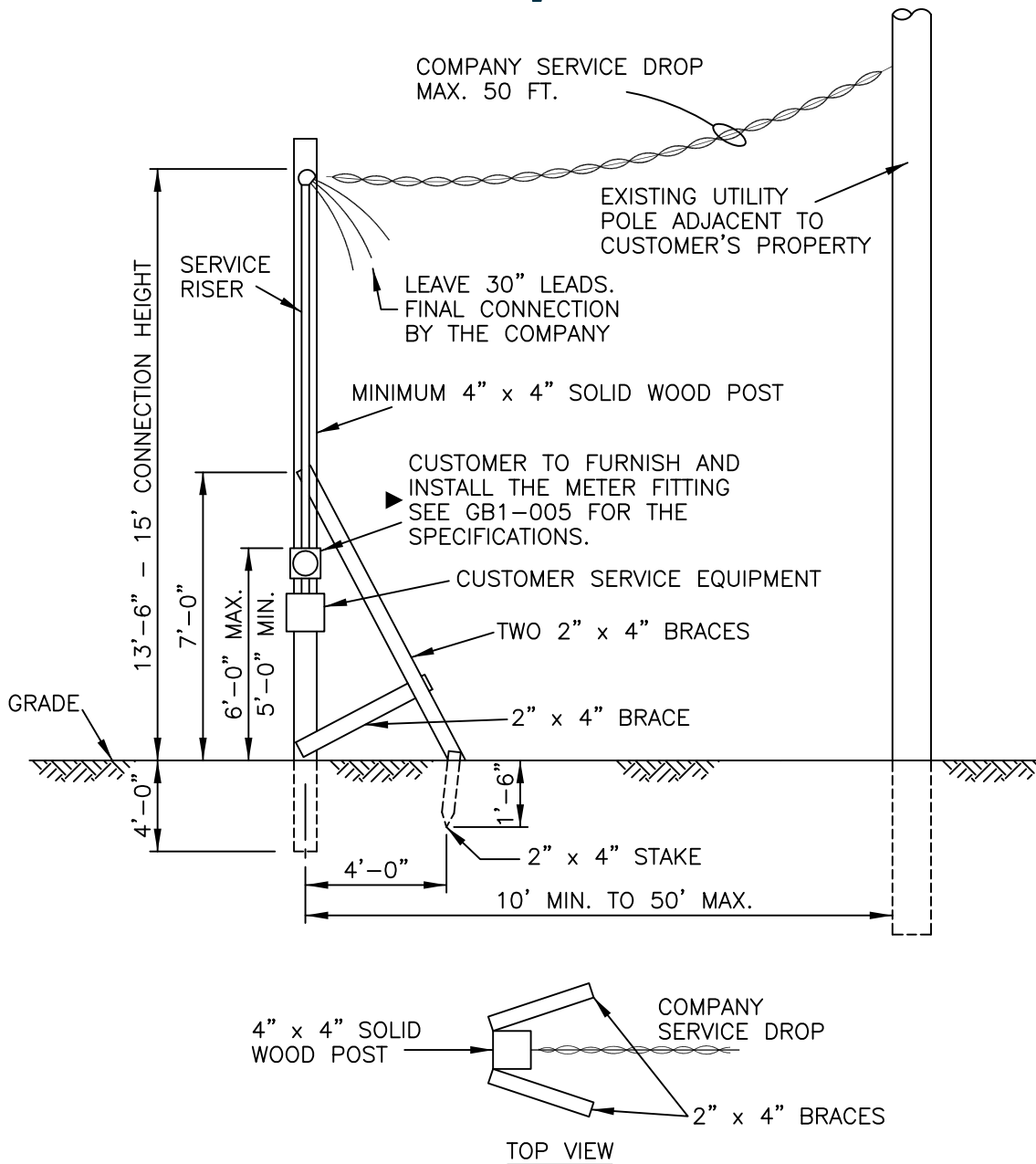
**SERVICE RISER  
EXTENDING THROUGH ROOF  
400 A MAXIMUM SERVICE**



NOTES:

1. SERVICE HEAD SHALL BE LOCATED SO CONNECTION CAN BE MADE FROM A LADDER WITHOUT CLIMBING ON ROOF.
2. NO COUPLINGS OR FITTINGS SHALL BE INSTALLED WITHIN 6'-0" OF SERVICE HEAD.
3. 13'-6" MINIMUM ABOVE DECK, PATIO, GRADE, OR OTHER AREAS OF PEDESTRIAN TRAFFIC TO THE ATTACHMENT POINT.
4. CUSTOMERS SERVICE RISER SHALL BE A MINIMUM OF 2" RIGID GALVANIZED, INTERMEDIATE METAL, OR ALUMINUM CONDUIT (3" FOR 400A).
5. 2-RIGID SUPPORTS SECURED TO TWO SEPARATE RAFTERS.
6. THE SERVICE DROP SHALL NOT MAKE A SMALLER ANGLE THAN 30° WITH THE SIDE OF THE BUILDING.
7. NOT APPROVED FOR 480V. SERVICES.

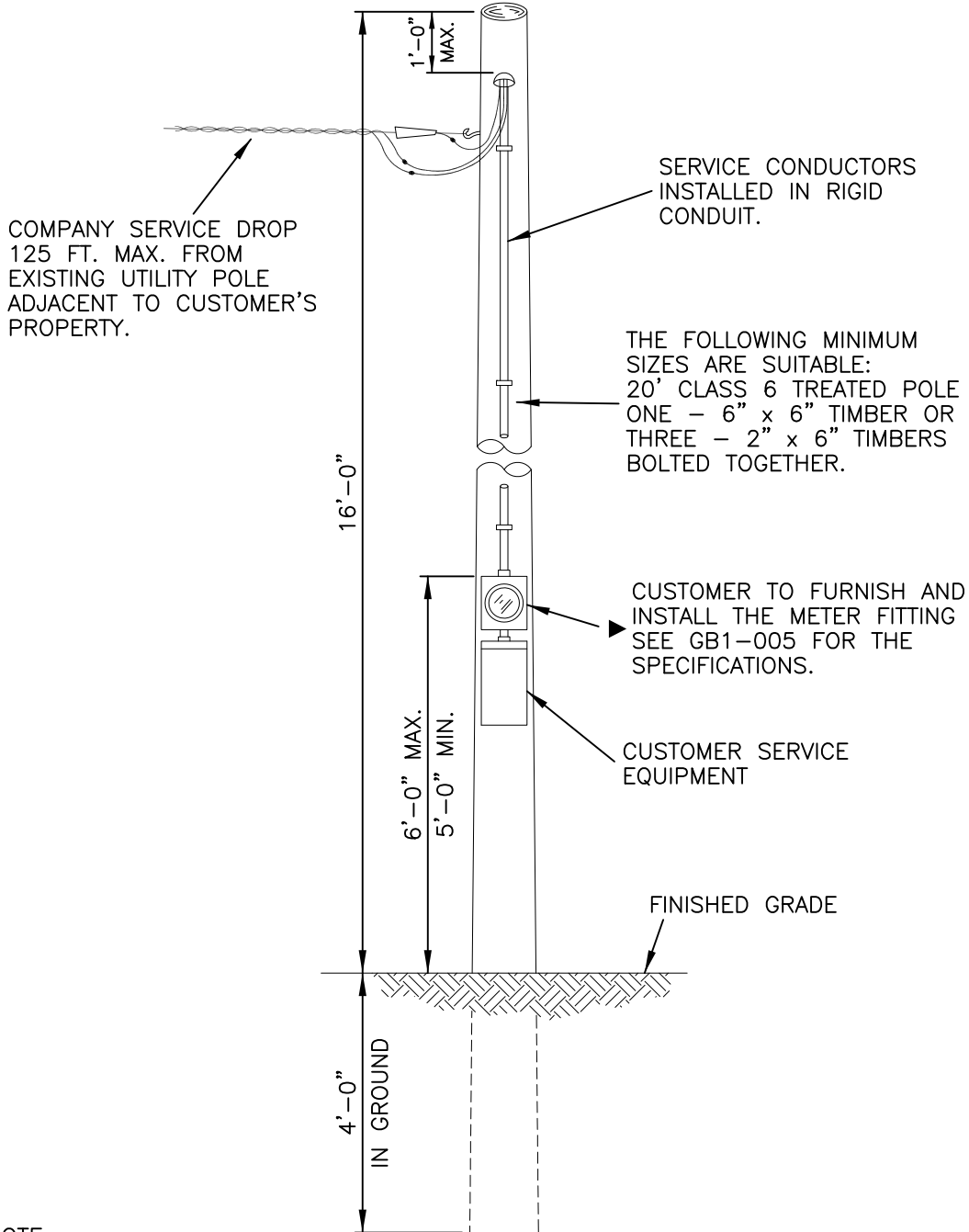
**SERVICE RISER  
EXTENDING ABOVE ROOF  
400 A MAXIMUM SERVICE**



NOTES:

1. ENTIRE STRUCTURE TO BE CONSTRUCTED AND INSTALLED BY THE CONTRACTOR.
2. THE USE OF THIS STRUCTURE IS NOT PERMITTED IF SERVICE WIRES PASS OVER PUBLIC STREETS, ALLEYS, ROADS, AND DRIVEWAYS.
3. TEMPORARY CONSTRUCTION SERVICE POLE MUST BE A MINIMUM OF 10 FT. FROM THE COMPANY'S POLE AND MUST BE POSITIONED TO ALLOW THE SERVICE DROP TO CLEAR THE COMMUNICATION CABLES BY AT LEAST 40 INCHES.
4. ALTERNATE METHODS MAY BE USED WITH PERMISSION OF SERVICE CONNECTION.
- ▶ 5. FOR DEFINITION OF "TEMPORARY", SEE SECTION 107.

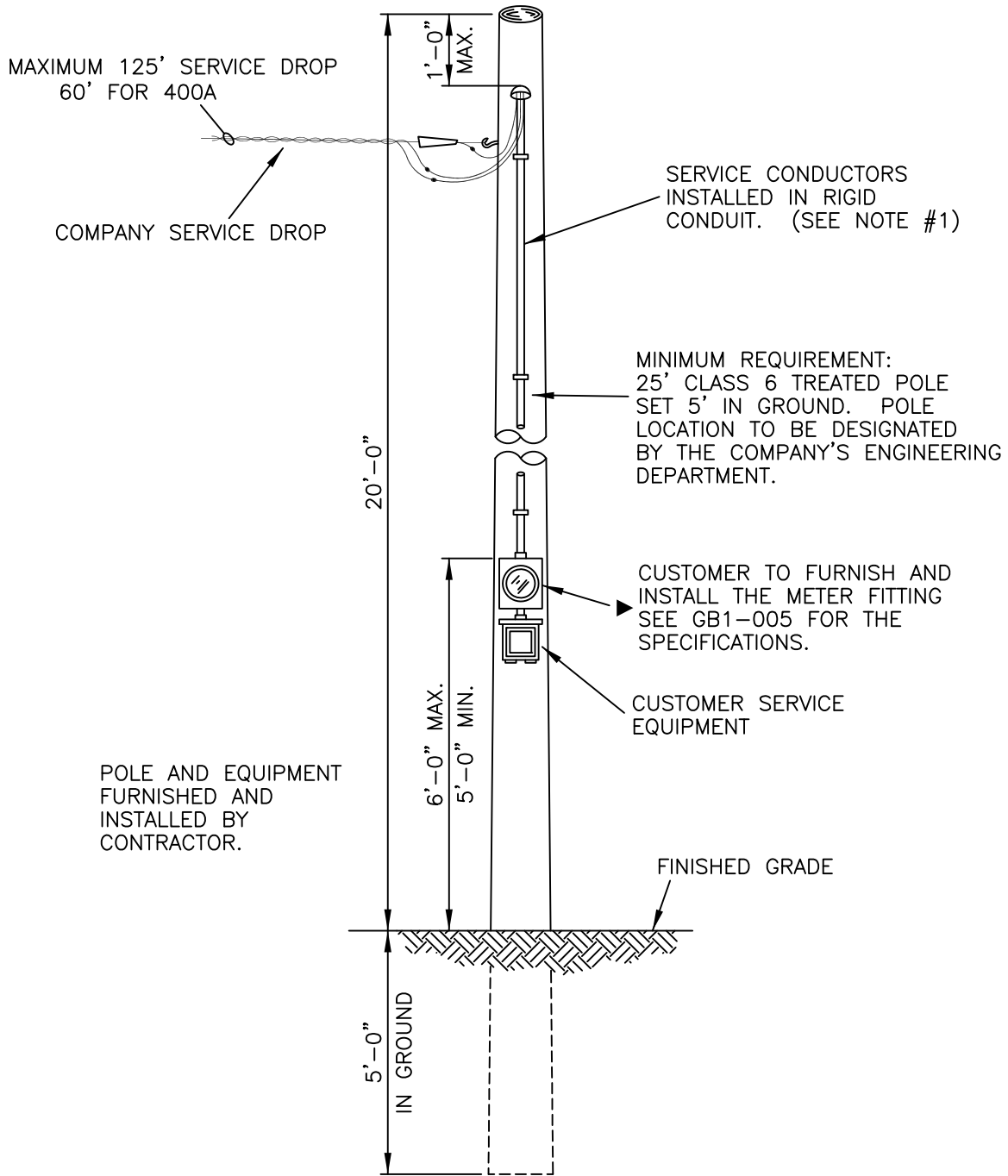
**TEMPORARY OVERHEAD  
CONSTRUCTION SERVICE  
120/240 VOLT, 1 PHASE, 3 WIRE  
225 A MAXIMUM SERVICE**



NOTE:

1. POLE AND EQUIPMENT FURNISHED AND INSTALLED BY CONTRACTOR.
2. TEMPORARY CONSTRUCTION SERVICE POLE MUST BE A MINIMUM OF 10 FT. FROM THE COMPANY POLE AND MUST BE POSITIONED TO ALLOW THE SERVICE DROP TO CLEAR THE COMMUNICATION CABLES BY AT LEAST 40 INCHES.
3. FOR DEFINITION OF "TEMPORARY", SEE SECTION 107.
4. SEE SECTION 220A2d FOR THE DEFINITION OF RIGID CONDUIT.

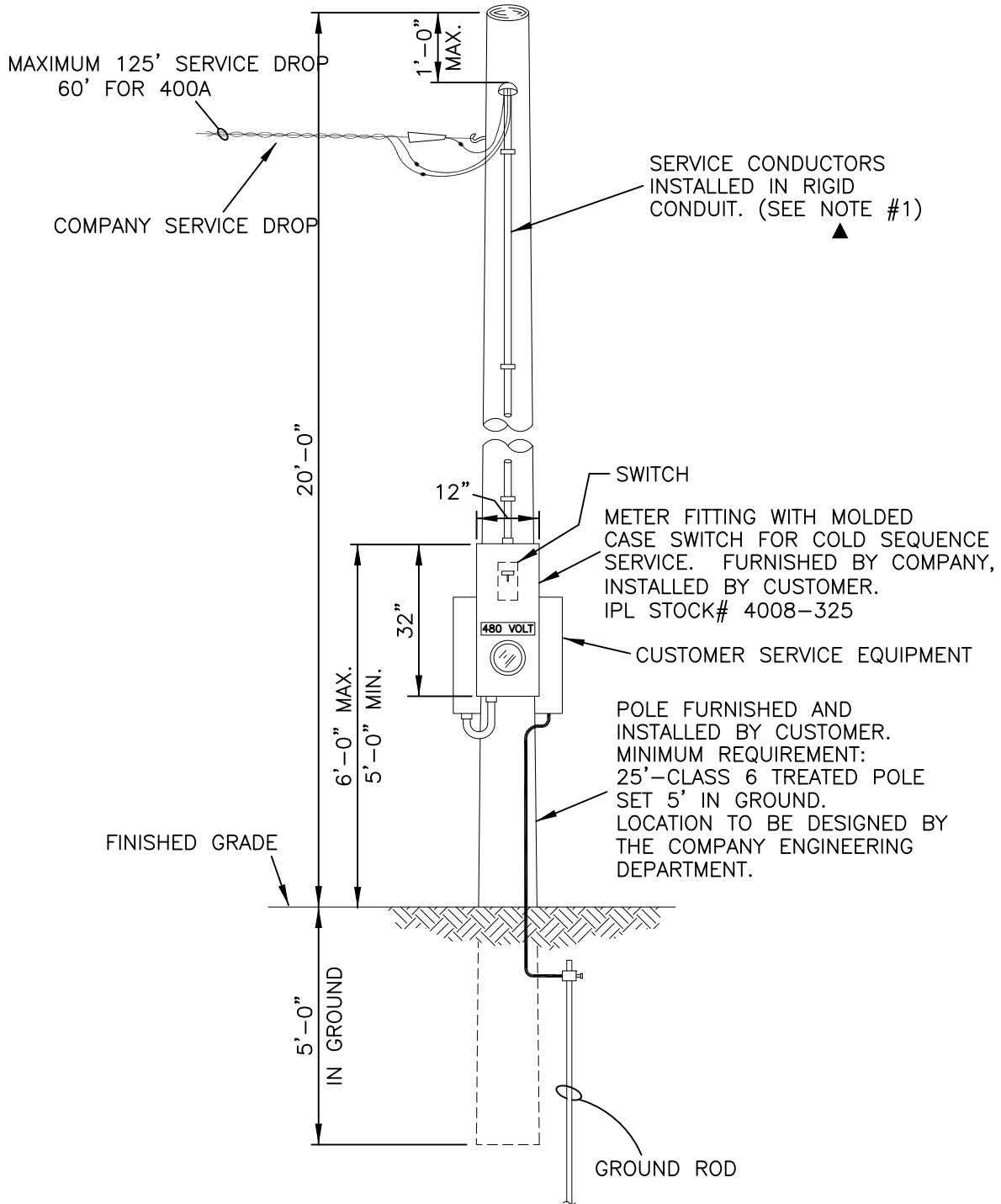
**TEMPORARY POLE METER INSTALLATION  
FOR CONSTRUCTION  
120/240 VOLT, 1 PHASE 3 WIRE  
225 A MAXIMUM SERVICE**



**NOTE:**

1. SEE SECTION 220A2d FOR THE DEFINITION OF RIGID CONDUIT.

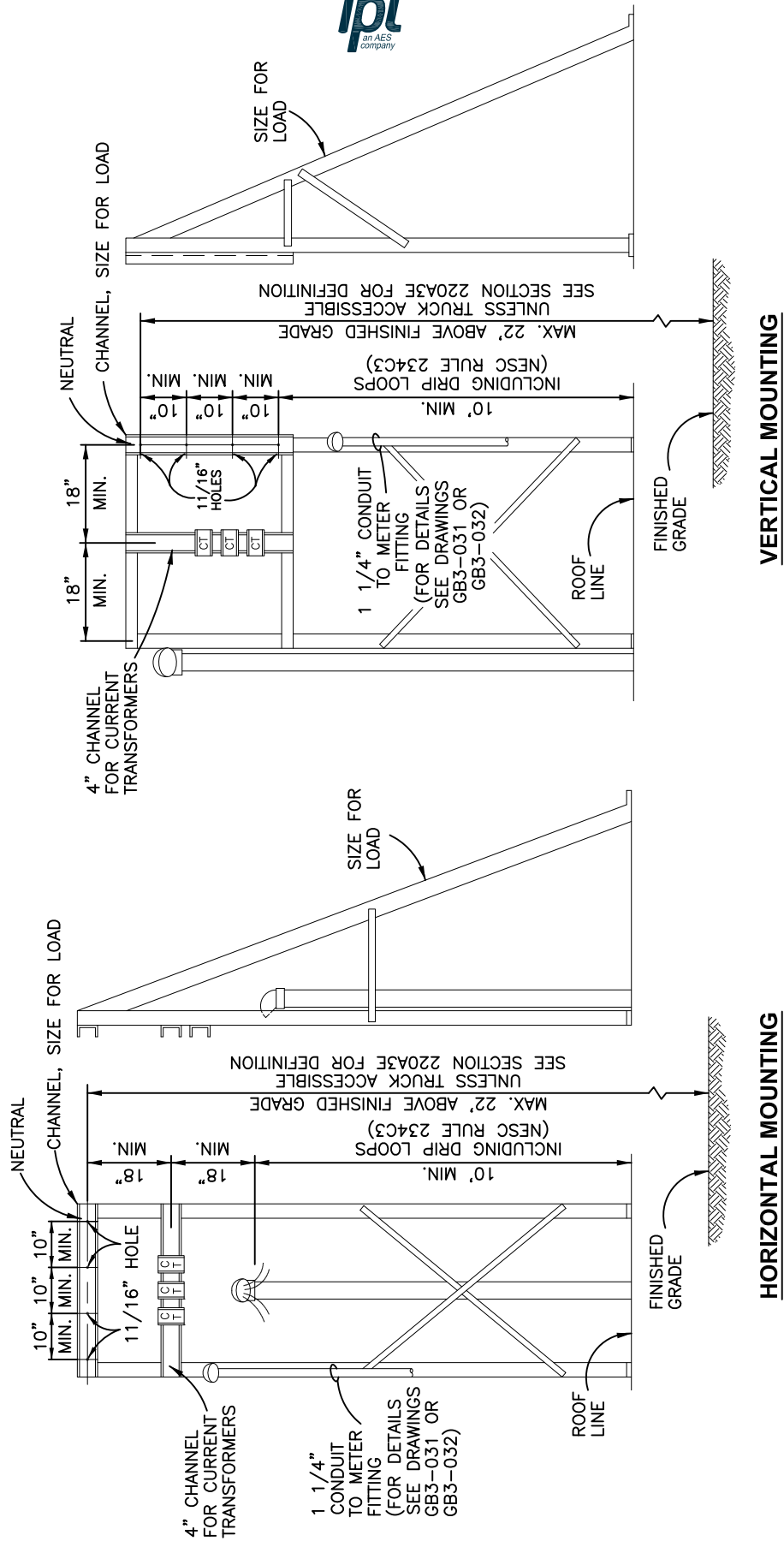
**PERMANENT POLE METER INSTALLATION  
FOR ONE SERVICE  
120/240 VOLT, 1 PHASE, 3 WIRE  
400 A MAXIMUM SERVICE**



► 1. SEE SECTION 220A2d FOR THE DEFINITION OF RIGID CONDUIT.

**PERMANENT POLE METER INSTALLATION**  
**120/240 VOLT, 1 PHASE, 3 WIRE**  
**240/480 VOLT, 1 PHASE, 3 WIRE**  
**200 A, TYPE II INDOT SERVICE**

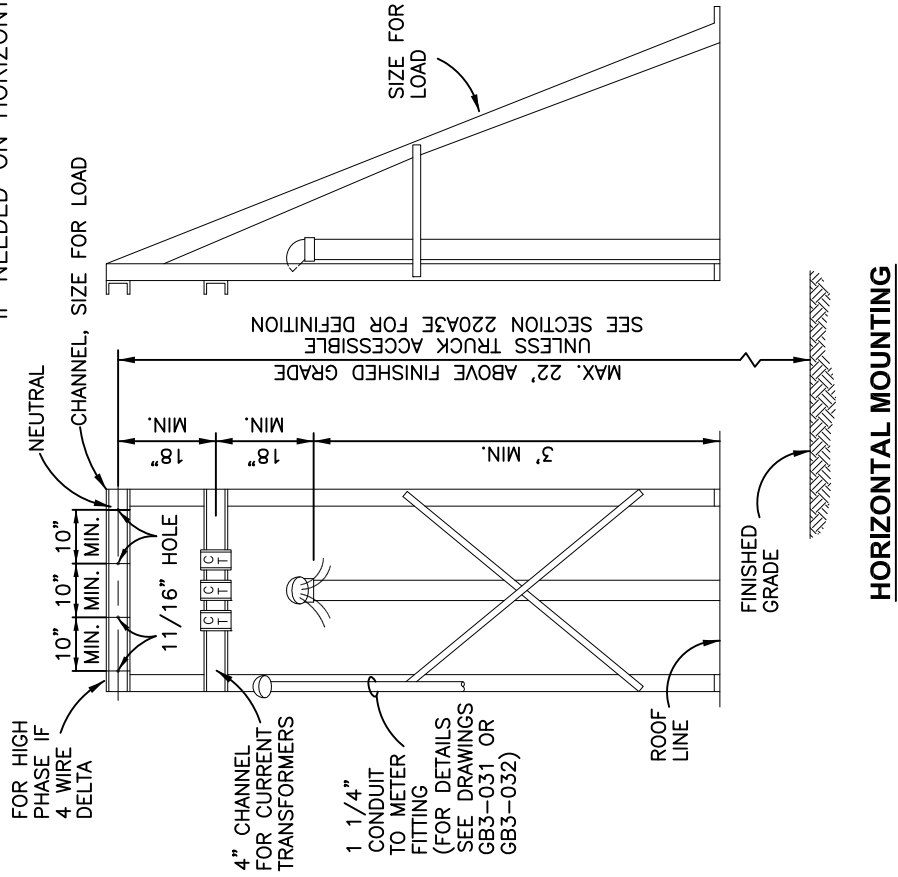
NOTE:  
THE COMPLETE INSTALLATION SHALL BE SUBJECT TO  
APPROVAL OF THE COMPANY'S ENGINEERING DEPARTMENT.



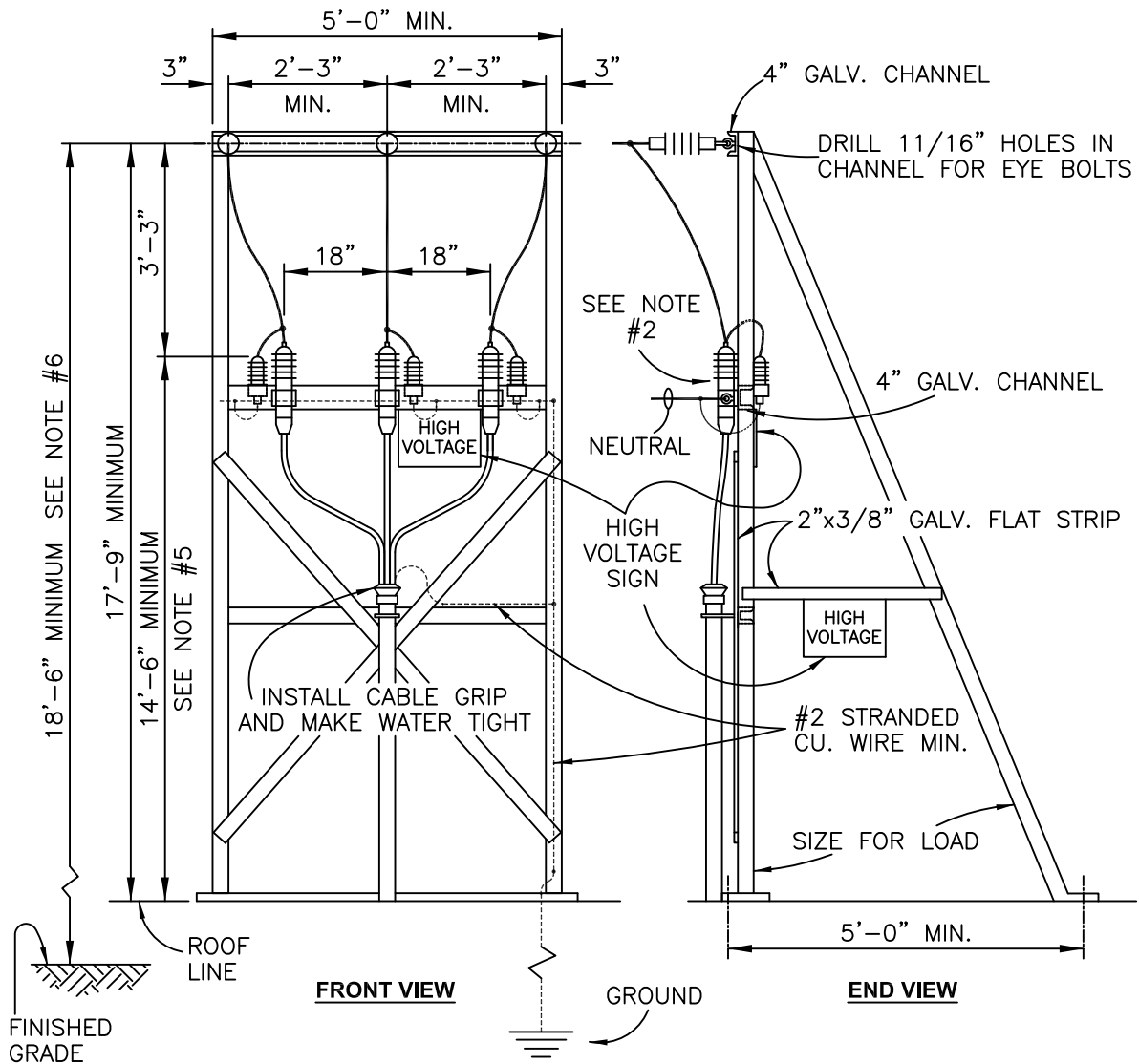
# TYPICAL ROOF STRUCTURES FOR SERVICE DROP AND METERING TRANSFORMERS FOR 480 VOLT SERVICES

NOTES:

1. THE COMPLETE INSTALLATION SHALL BE SUBJECT TO APPROVAL OF THE COMPANY'S ENGINEERING DEPARTMENT.
2. THE NEUTRAL AND HIGH PHASE MAY BE REVERSED IF NEEDED ON HORIZONTAL INSTALLATIONS ONLY.



# TYPICAL ROOF STRUCTURES FOR SERVICE DROP AND METERING TRANSFORMERS UP TO 300 VOLT SERVICES



NOTES:

1. DIMENSIONS FOR SPACING OF PHASES ARE FOR LINES LEAVING STRUCTURES AT 90°. FOR CONTACTS AT OTHER ANGLES, CHANGE SPACING SO MINIMUM OF 18" WILL BE MAINTAINED BETWEEN CONDUCTORS.
2. COMPANY WILL FURNISH ONLY DEAD END CLAMPS, INSULATORS, ARRESTERS AND SIGN.
3. THE COMPLETE INSTALLATION SHALL BE SUBJECT TO APPROVAL BY THE COMPANY'S ENGINEERING DEPARTMENT.
4. SEE SECTION 400 FOR ADDITIONAL INFORMATION.
5. 14'-6" SHALL BE MAINTAINED FROM THE ROOF LINE TO THE LOWEST LIVE PART, DRIP LOOP, JUMPER, OR SERVICE DROP.
6. 18'-6" MINIMUM FROM THE GRADE TO THE LOW POINT OF THE SAG OVER STREETS, DRIVES AND PARKING LOTS.
7. SHALL BE TRUCK ACCESSIBLE, SEE SECTION 220A3e FOR DEFINITION.

**ROOF STRUCTURE FOR  
MAXIMUM 13.2 KV PRIMARY SERVICE  
SINGLE CONDUCTOR CABLE**