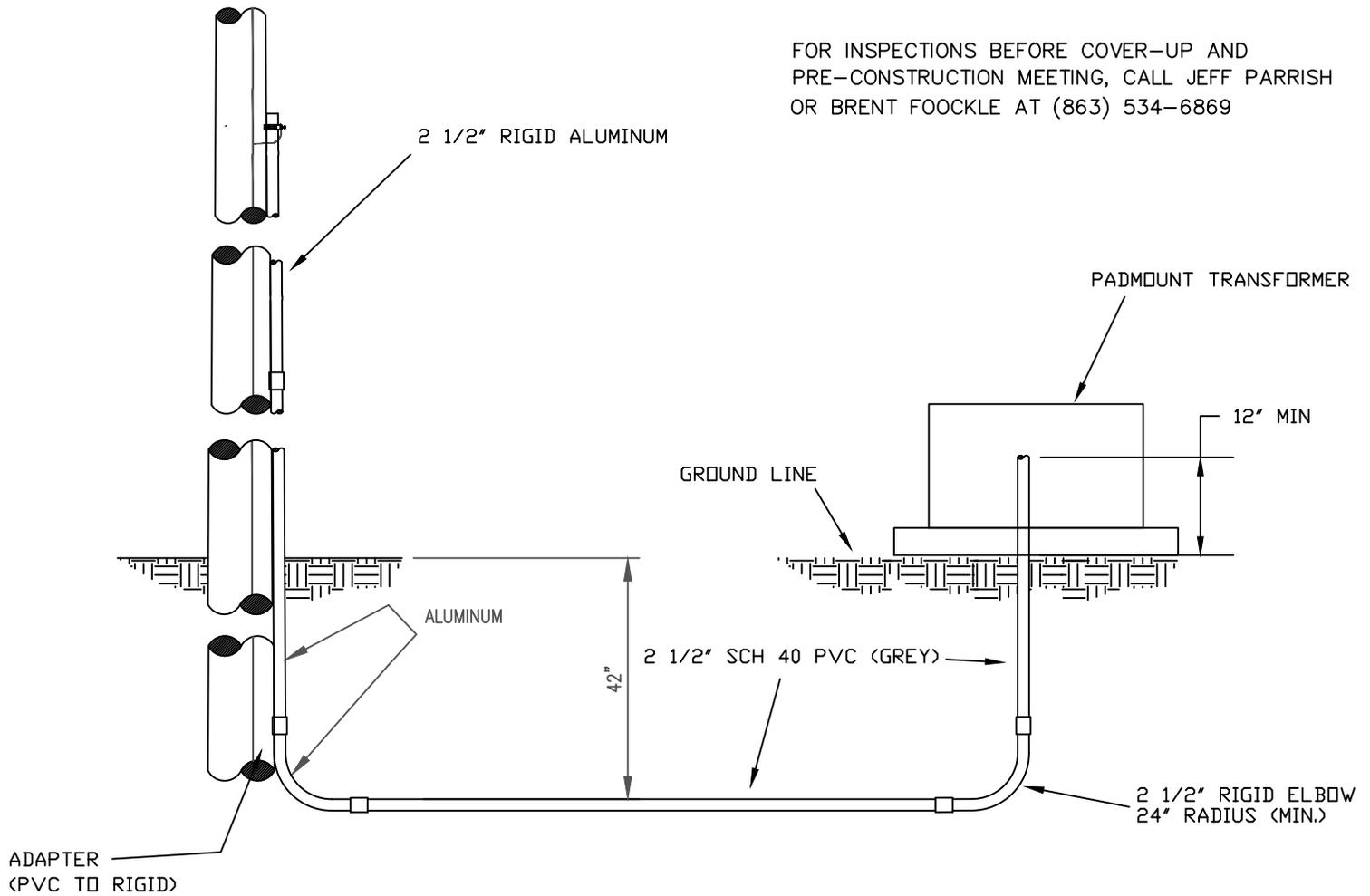


DETAIL FOR UNDERGROUND PRIMARY

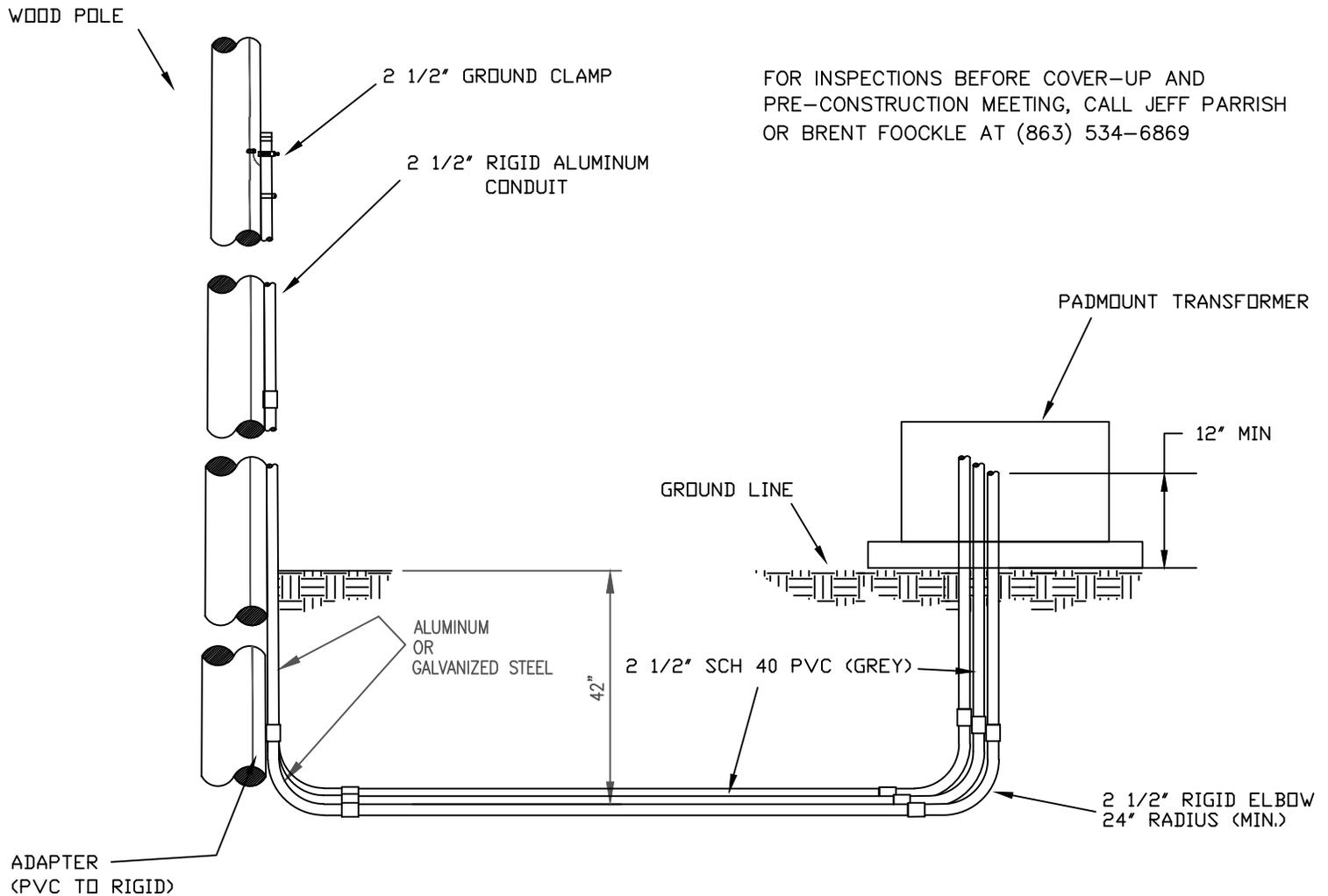
FOR INSPECTIONS BEFORE COVER-UP AND
PRE-CONSTRUCTION MEETING, CALL JEFF PARRISH
OR BRENT FOOCKLE AT (863) 534-6869



NOTES:

1. MATERIAL TO BE FURNISHED AND INSTALLED BY OWNER.
2. PRIMARY CABLE FURNISHED AND INSTALLED BY THE CITY.
3. OWNER TO PROVIDE 30' OF ALUMINUM 2 1/2" UP THE POLE
4. UNDERGROUND CONDUIT TRENCH TO BE BACKFILLED WITH CLEAN FILL DIRT.
5. CONDUIT TO BE INSTALLED AT A MINIMUM DEPTH OF 42".
6. CONDUIT TO BE BLOWN CLEAN WITH A BIRDIE, AND JET LINE INSTALLED.
7. CONDUIT SHALL NOT BE INSTALLED UNDER ANY PERMANENT STRUCTURES EXCEPT DRIVEWAYS.
8. CAUTION TAPE TO BE FURNISHED AND INSTALLED BY OWNER 12" BELOW GRADE.
9. ALL METAL ELBOWS TO BE A MINIMUM OF 24" RADIUS AT TRANS & TERMINAL POLE AND 36" RADIUS ELSEWHERE.

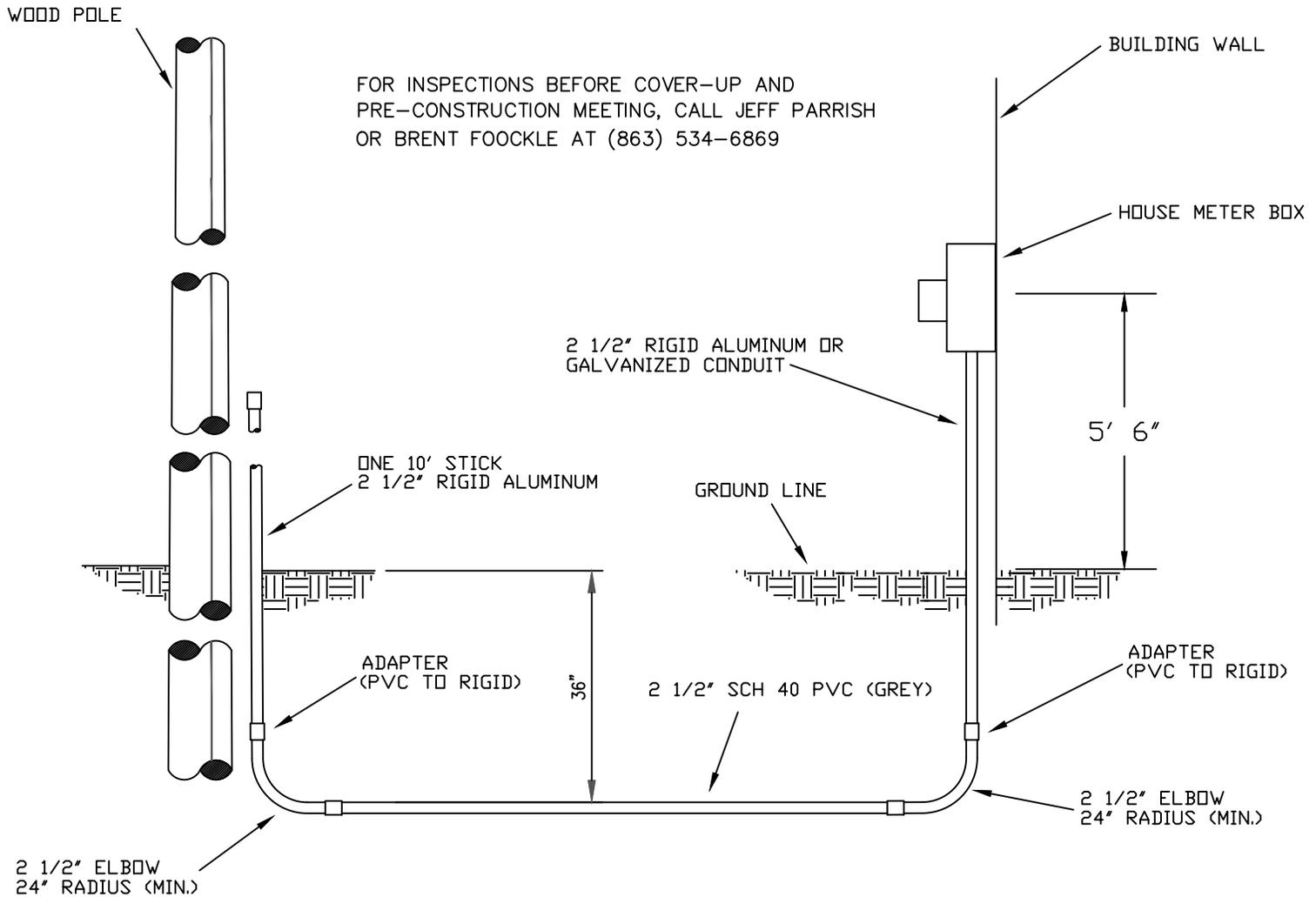
DETAIL FOR 3 PHASE UNDERGROUND PRIMARY



NOTES:

1. MATERIAL TO BE FURNISHED AND INSTALLED BY OWNER.
2. PRIMARY CABLE FURNISHED AND INSTALLED BY THE CITY.
3. OWNER TO PROVIDE 90' OF 2 1/2" ALUMINIUM CONDUIT UP THE POLE
4. UNDERGROUND CONDUIT TRENCH TO BE BACKFILLED WITH CLEAN FILL DIRT.
5. CONDUIT TO BE INSTALLED AT A MINIMUM DEPTH OF 42".
6. CONDUIT TO BE BLOWN CLEAN WITH A BIRDIE, AND JET LINE INSTALLED.
7. CONDUIT SHALL NOT BE INSTALLED UNDER ANY PERMANENT STRUCTURES EXCEPT DRIVEWAYS.
8. CAUTION TAPE TO BE FURNISHED AND INSTALLED BY OWNER 12" BELOW GRADE.
9. ALL ELBOWS TO BE A MINIMUM OF 24" RADIUS AT TRANS & TERMINAL POLE AND 36" RADIUS ELSEWHERE.

DETAIL FOR UNDERGROUND RESIDENTIAL SERVICE

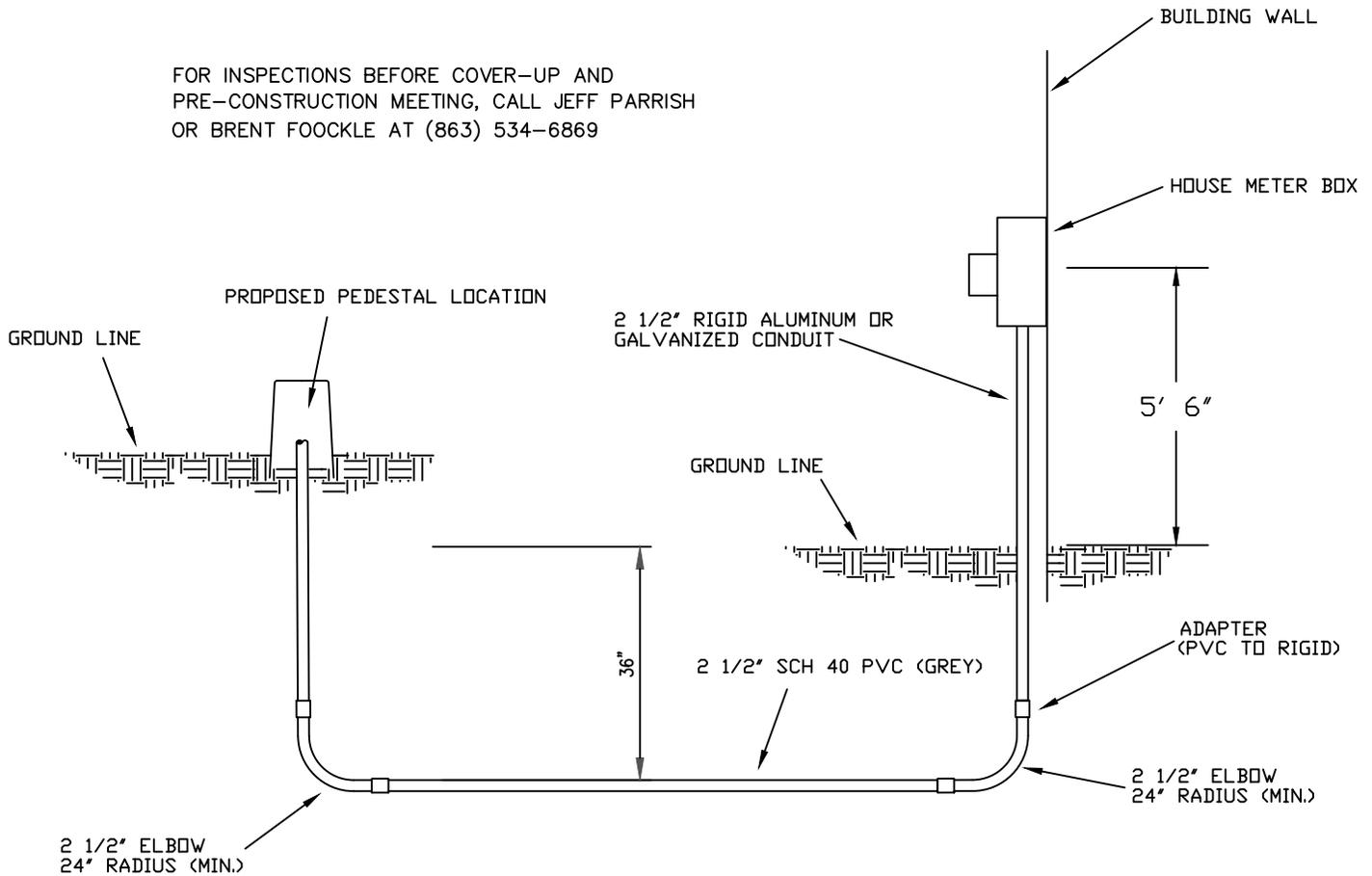


NOTES:

1. MATERIAL TO BE FURNISHED AND INSTALLED BY OWNER.
2. SECONDARY CABLE FURNISHED AND INSTALLED BY THE CITY (200A OR LESS).
3. OWNER TO PROVIDE 10' OF 2 1/2" AL OR GALV. CONDUIT UP THE POLE
4. UNDERGROUND CONDUIT TRENCH TO BE BACKFILLED WITH CLEAN FILL DIRT.
5. CONDUIT TO BE INSTALLED AT A MINIMUM DEPTH OF 36".
6. CONDUIT TO BE BLOWN CLEAN WITH A BIRDIE, AND JET LINE INSTALLED.
7. CONDUIT SHALL NOT BE INSTALLED UNDER ANY PERMANENT STRUCTURES EXCEPT DRIVEWAYS.
8. CONDUIT MUST BE RIGID ALUMINUM OR GALVANIZED FROM BOTTOM OF METER CAN TO GROUND.
9. SERVICES OVER 200' WILL REQUIRE 2 1/2" RIGID ELBOWS, SERVICES UNDER 200' CAN HAVE 2 1/2" PVC ELBOWS.
10. CONTRACTOR TO INSTALL CAUTION TAPE ALONG CONDUIT 12" BELOW GRADE.

DETAIL FOR UNDERGROUND RESIDENTIAL SERVICE

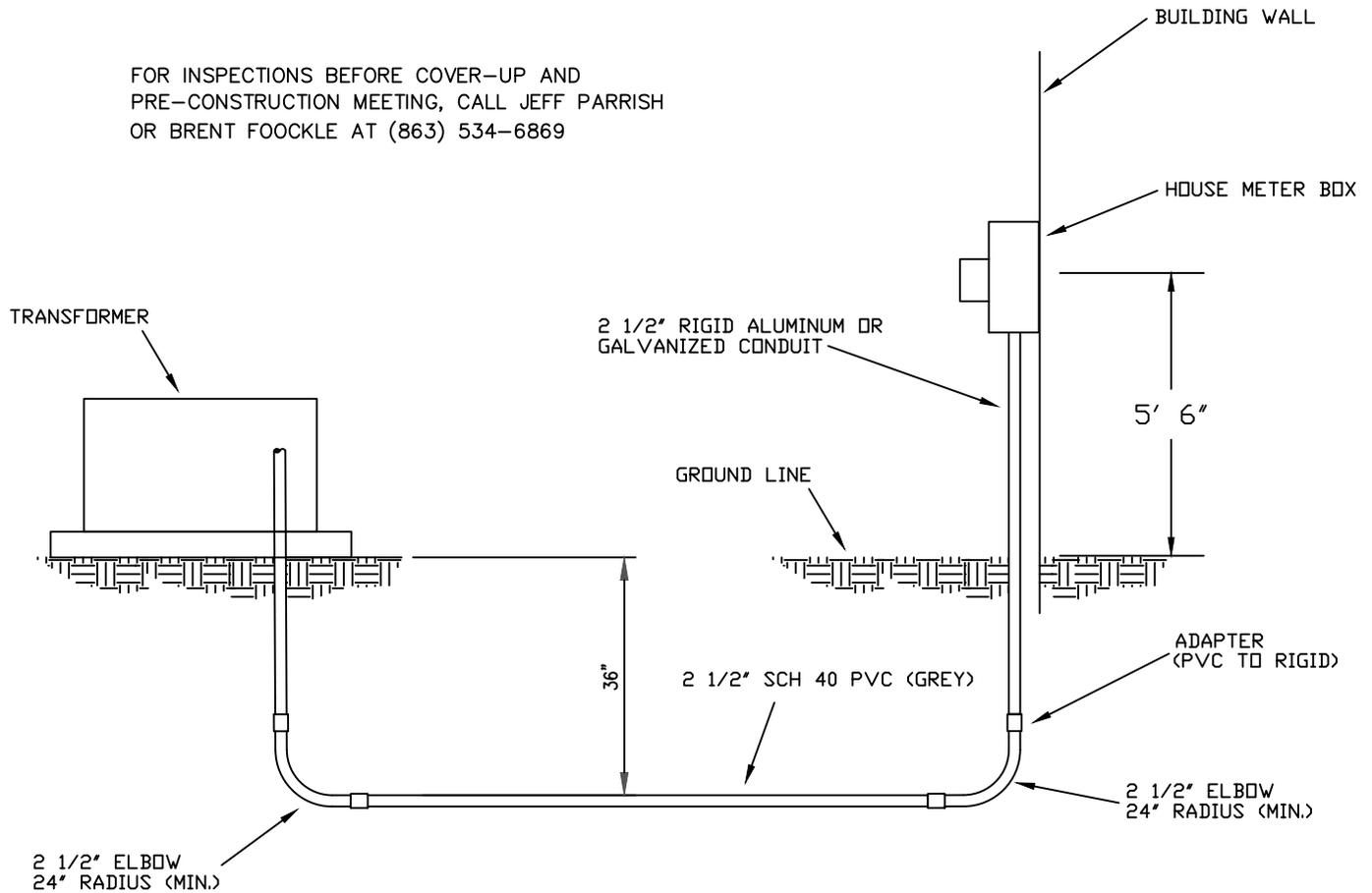
FOR INSPECTIONS BEFORE COVER-UP AND
PRE-CONSTRUCTION MEETING, CALL JEFF PARRISH
OR BRENT FOOCKLE AT (863) 534-6869



NOTES:

1. MATERIAL TO BE FURNISHED AND INSTALLED BY OWNER.
2. SECONDARY CABLE FURNISHED AND INSTALLED BY THE CITY (200A OR LESS).
3. OWNER TO PROVIDE 10' OF 2 1/2" AL OR GALV. CONDUIT UP THE POLE
4. UNDERGROUND CONDUIT TRENCH TO BE BACKFILLED WITH CLEAN FILL DIRT.
5. CONDUIT TO BE INSTALLED AT A MINIMUM DEPTH OF 36".
6. CONDUIT TO BE BLOWN CLEAN WITH A BIRDIE, AND JET LINE INSTALLED.
7. CONDUIT SHALL NOT BE INSTALLED UNDER ANY PERMANENT STRUCTURES EXCEPT DRIVEWAYS.
8. STAND CONDUIT 8" OFF OF WOOD POLE, FLUSH MOUNT ON CONC. POLE
9. CONDUIT MUST BE RIGID ALUMINUM OR GALVANIZED FROM BOTTOM OF METER CAN TO GROUND.
10. SERVICES OVER 200' WILL REQUIRE 2 1/2" RIGID ELBOWS, SERVICES UNDER 200' CAN HAVE 2 1/2" PVC ELBOWS.
11. CONTRACTOR TO INSTALL CAUTION TAPE ALONG CONDUIT 12" BELOW GRADE.

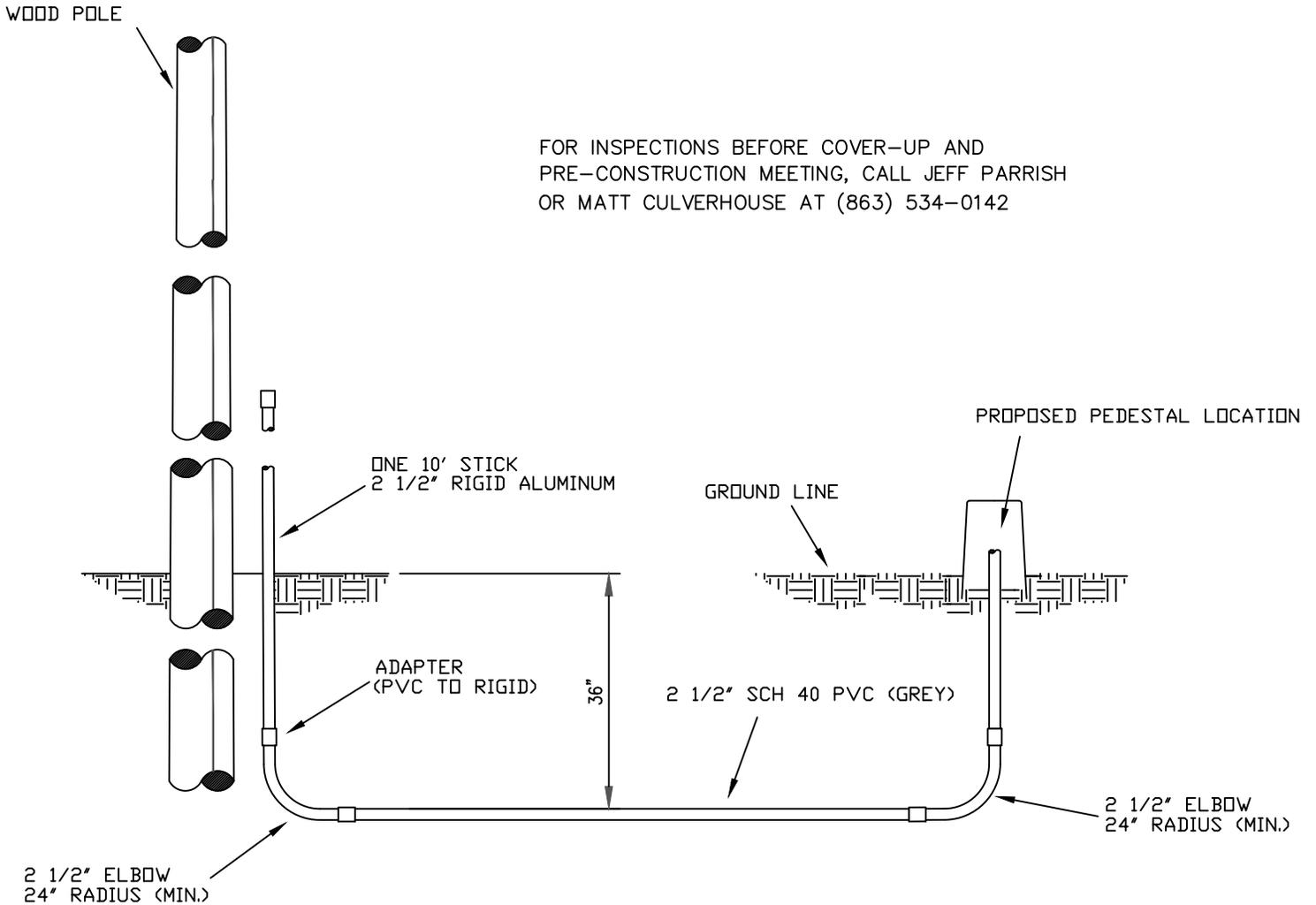
DETAIL FOR UNDERGROUND RESIDENTIAL SERVICE



NOTES:

1. MATERIAL TO BE FURNISHED AND INSTALLED BY OWNER.
2. SECONDARY CABLE FURNISHED AND INSTALLED BY THE CITY (200A OR LESS).
3. OWNER TO PROVIDE 10' OF 2 1/2" AL OR GALV. CONDUIT UP THE POLE
4. UNDERGROUND CONDUIT TRENCH TO BE BACKFILLED WITH CLEAN FILL DIRT.
5. CONDUIT TO BE INSTALLED AT A MINIMUM DEPTH OF 36".
6. CONDUIT TO BE BLOWN CLEAN WITH A BIRDIE, AND JET LINE INSTALLED.
7. CONDUIT SHALL NOT BE INSTALLED UNDER ANY PERMANENT STRUCTURES EXCEPT DRIVEWAYS.
8. CONDUIT MUST BE RIGID ALUMINUM OR GALVANIZED FROM BOTTOM OF METER CAN TO GROUND.
9. SERVICES OVER 200' WILL REQUIRE 2 1/2" RIGID ELBOWS, SERVICES UNDER 200' CAN HAVE 2 1/2" PVC ELBOWS.
10. CONTRACTOR TO INSTALL CAUTION TAPE ALONG CONDUIT 12" BELOW GRADE.

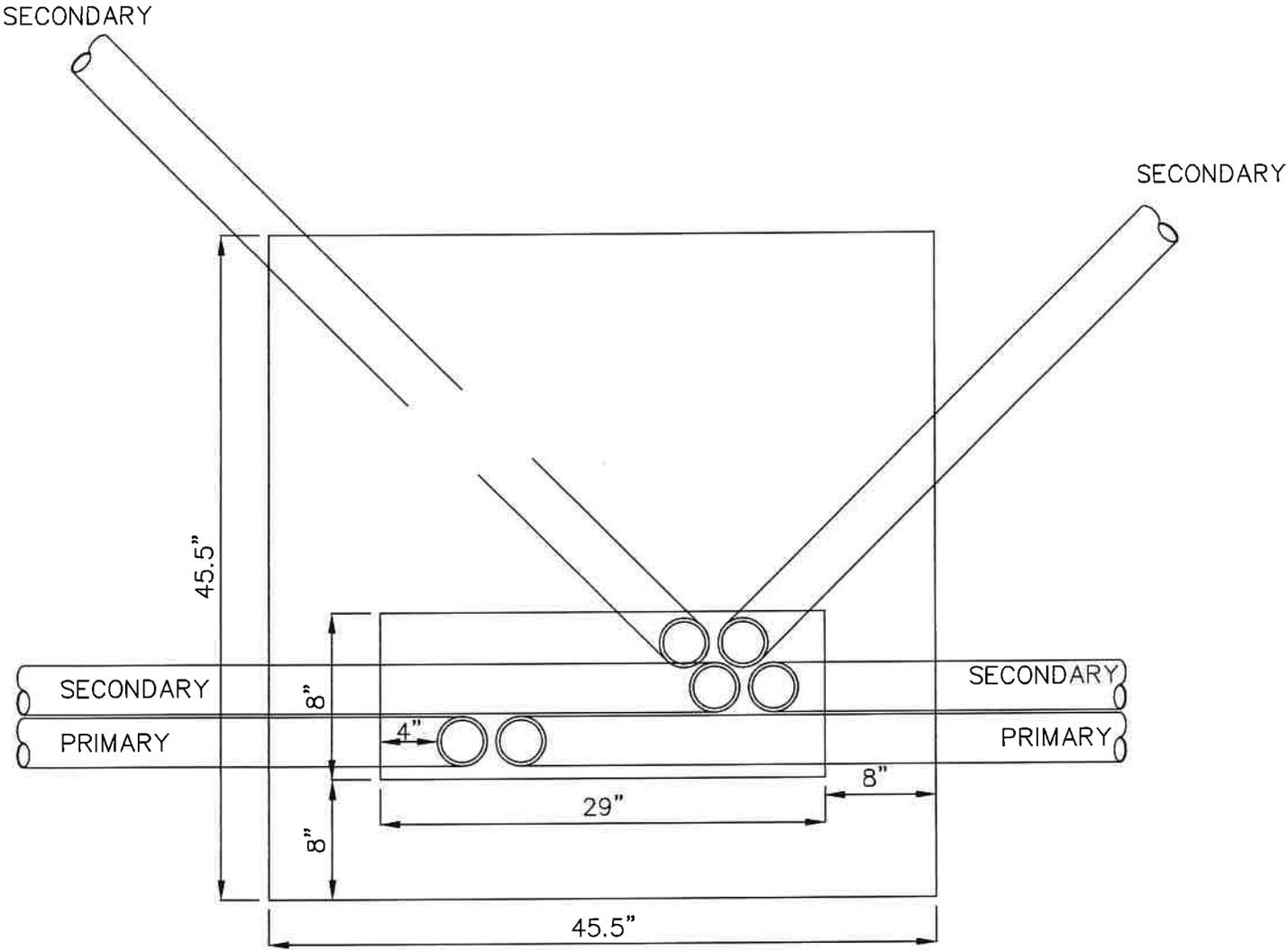
DETAIL FOR UNDERGROUND RESIDENTIAL SERVICE



NOTES:

1. MATERIAL TO BE FURNISHED AND INSTALLED BY OWNER.
2. SECONDARY CABLE FURNISHED AND INSTALLED BY THE CITY (200A OR LESS).
3. OWNER TO PROVIDE 10' OF 2 1/2" AL OR GALV. CONDUIT UP THE POLE
4. UNDERGROUND CONDUIT TRENCH TO BE BACKFILLED WITH CLEAN FILL DIRT.
5. CONDUIT TO BE INSTALLED AT A MINIMUM DEPTH OF 36".
6. CONDUIT TO BE BLOWN CLEAN WITH A BIRDIE, AND JET LINE INSTALLED.
7. CONDUIT SHALL NOT BE INSTALLED UNDER ANY PERMANENT STRUCTURES EXCEPT DRIVEWAYS.
8. CONDUIT MUST BE RIGID ALUMINUM OR GALVANIZED FROM BOTTOM OF METER CAN TO GROUND.
9. SERVICES OVER 200' WILL REQUIRE 2 1/2" RIGID ELBOWS, SERVICES UNDER 200' CAN HAVE 2 1/2" PVC ELBOWS.
10. CONTRACTOR TO INSTALL CAUTION TAPE ALONG CONDUIT 12" BELOW GRADE.

CITY OF BARTOW ELECTRIC DEPARTMENT SINGLE PHASE PAD MOUNT DETAIL



FRONT

CITY OF BARTOW
ELECTRIC DEPARTMENT
SINGLE PHASE PADMOUNT DETAIL

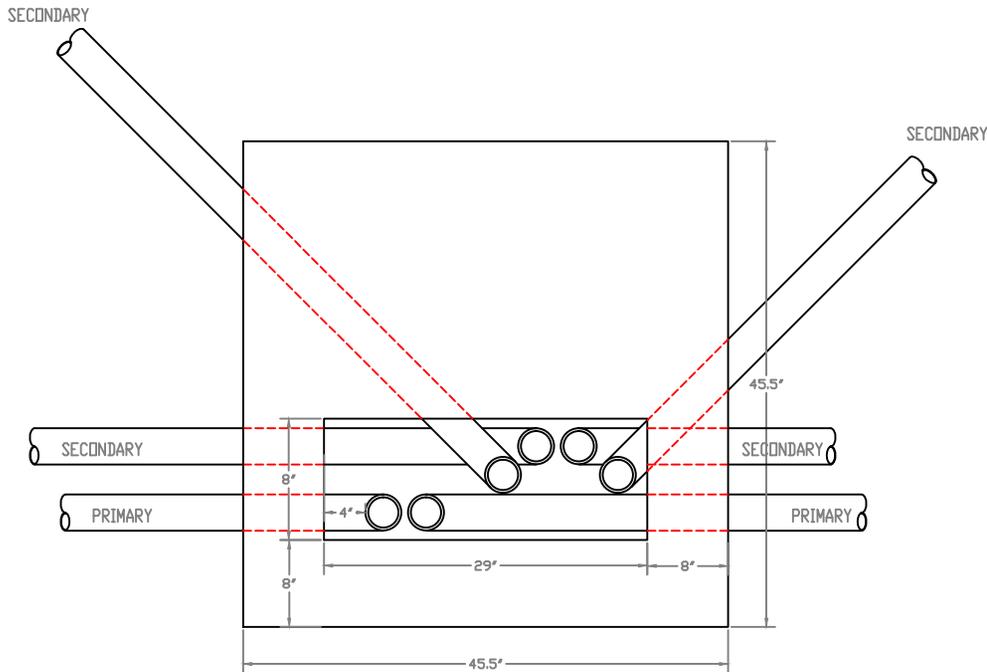
LOCATION: _____

KVA _____

VOLTAGE:

PRIMARY: _____

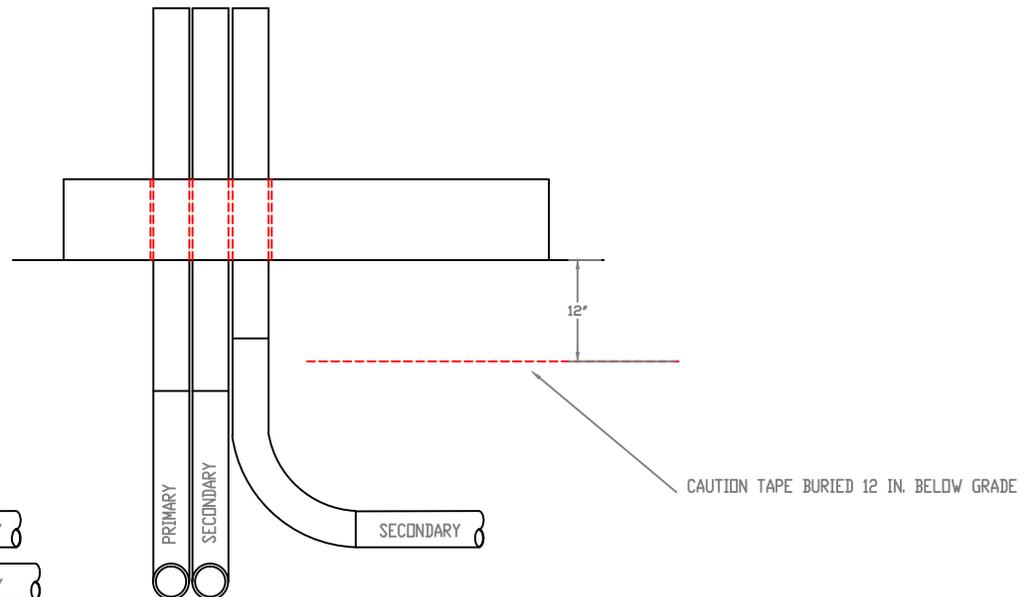
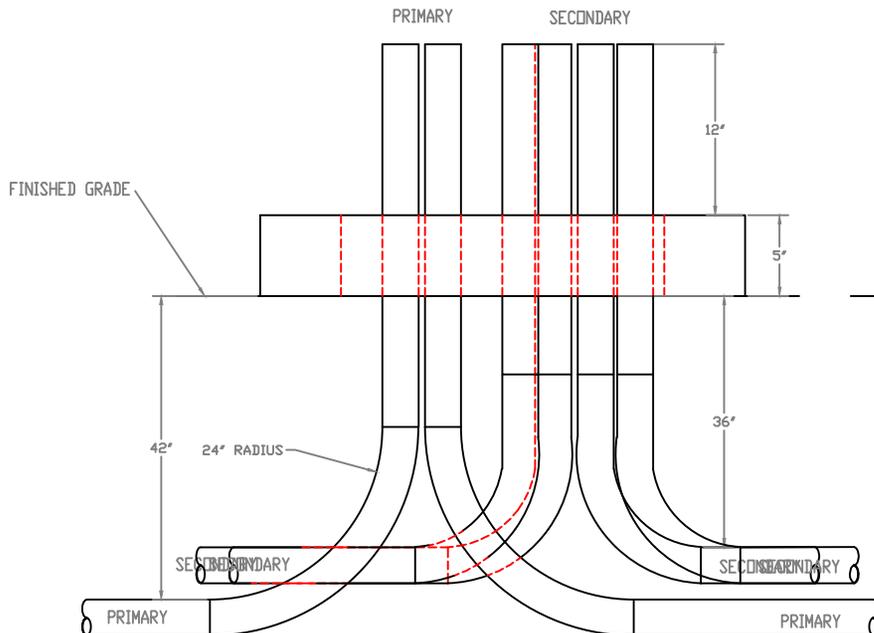
SECONDARY: _____/_____



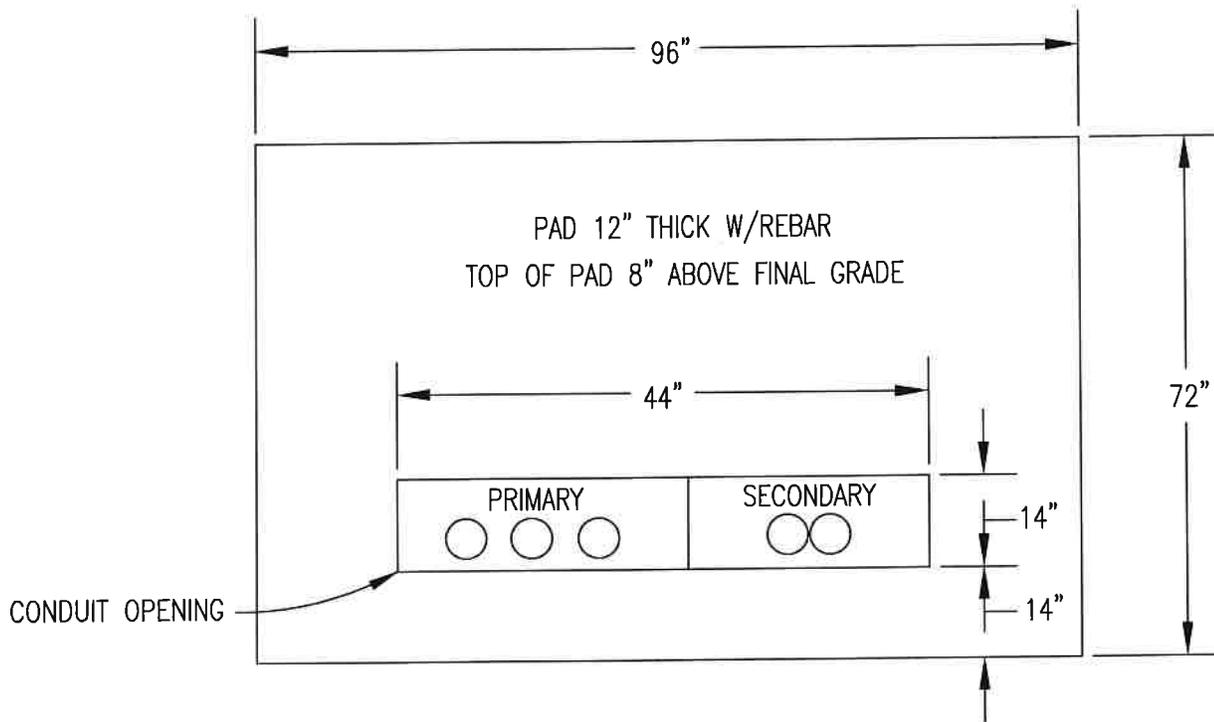
NOTES:

1. ELECTRICAL CONDUIT SYSTEM TO BE FURNISHED AND INSTALLED BY CONTRACTOR AS PER CITY OF BARTOW REQUIREMENTS.
2. ALL CONDUITS TO BE 2 1/2" GREY SCH 40 PVC, THEY MUST BE GLUED, BLOWN CLEAN WITH A BIRDIE & JET LINE PULL STRING, & SEALED.
3. ALL CONDUITS MUST BE MARKED WITH RED CAUTION TAPE BURIED 12" BELOW GRADE.
4. PRIMARY AND SECONDARY CONDUCTORS WILL BE INSTALLED BY CITY OF BARTOW ELECTRIC DEPARTMENT.
5. DETAILS OF THE SWITCHGEAR & TRANSFORMER PADS, PULL BOXES, ETC. WILL BE FURNISHED AFTER REVIEW OF CONSTRUCTION PLANS.
6. ALL 90 DEGREE ELBOWS AT TERMINAL POLES & TRANSFORMERS FOR PRIMARY CONDUIT TO BE RIGID WITH MIN 24" RADIUS & 36 IN RADIUS RIGID ELSEWHERE.
7. ALL CONDUIT ABOVE GRADE AT POWER POLE TO BE RIGID. (GALV. OR ALUMINUM)
8. ALL CONDUIT INSTALLATION SHALL BE INSPECTED & ACCEPTED BY THE CITY OF BARTOW ELECTRIC DEPARTMENT BEFORE THE CITY WILL INSTALL THE CONDUCTORS.
9. LOCATION OF TRANSFORMER WILL BE DETERMINED BY CITY OF BARTOW ELECTRIC DEPARTMENT.
10. CLEARANCE AROUND ALL TRANSFORMERS WILL BE A MINIMUM OF 5' ON ALL SIDES UNLESS APPROVED OTHERWISE BY CITY OF BARTOW ELECTRIC DEPT.
11. LOCATION OF TERMINAL POLE DETERMINED BY CITY OF BARTOW ELECTRIC DEPT.

CITY OF BARTOW ELECTRIC DEPARTMENT PHONE # 534-0134



CITY OF BARTOW ELECTRIC DEPARTMENT TRANSFORMER PAD



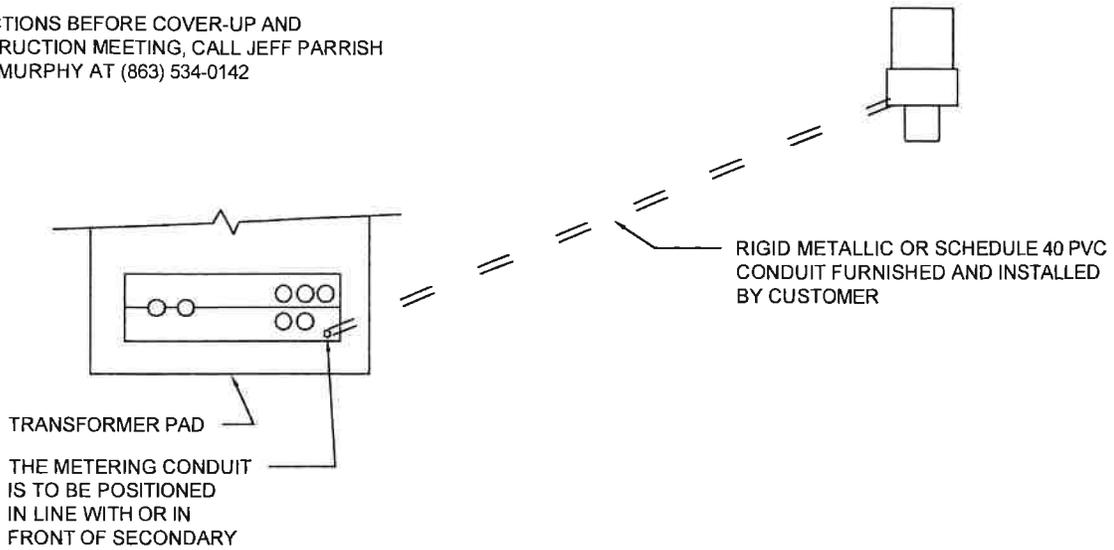
FOR INSPECTIONS BEFORE COVER-UP &
PRE-CONSTRUCTION MEETING, CALL JEFF PARRISH
OR BRENT FOOCKLE (863) 534-6869

NOTES:

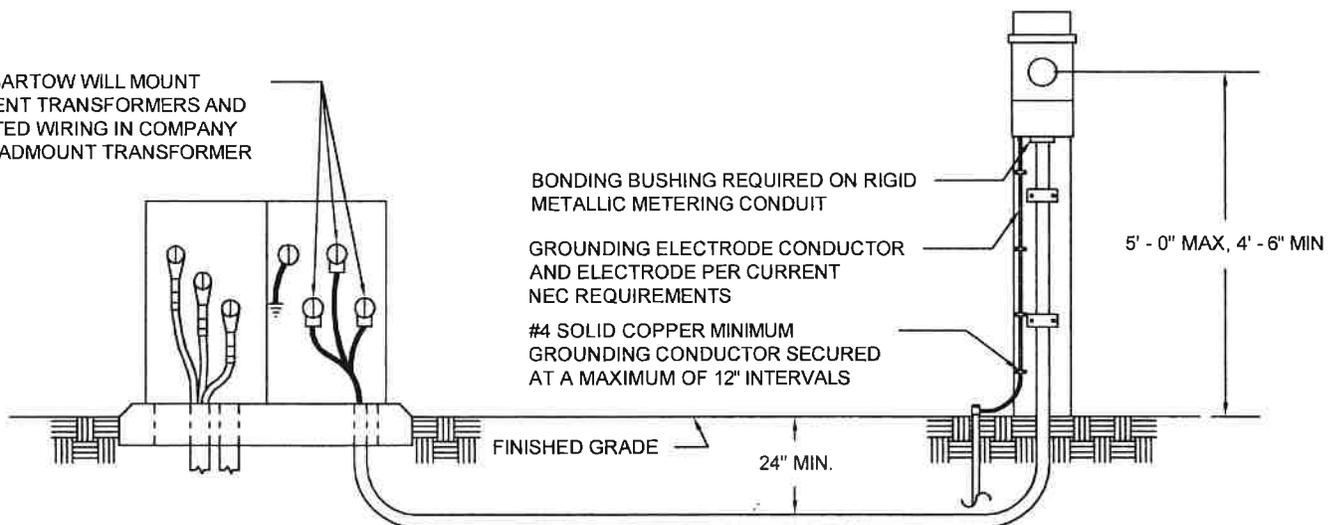
1. ELECTRICAL CONDUIT SYSTEM TO BE FURNISHED AND INSTALLED BY CONTRACTOR AS PER CITY OF BARTOW REQUIREMENTS.
2. ALL CONDUITS TO BE 2 1/2" GREY SCH 40 PVC, THEY MUST BE GLUED, BLOWN CLEAN WITH A BIRDIE & JET LINE PULL STRING, & SEALED.
3. ALL CONDUITS MUST BE MARKED WITH RED CAUTION TAPE BURIED 12" BELOW GRADE.
4. SECONDARY CONDUCTORS WILL BE FURNISHED & INSTALLED BY CONTRACTOR (3 PHASE)
5. SECONDARY CONDUCTORS TO BE MARKED WITH PROPER COLOR TAPE 6" ABOVE CONDUITS IN TRANSFORMERS BY CONTRACTOR.
6. TRANSFORMER PAD TO BE FURNISHED AND INSTALLED BY CONTRACTOR.
7. DETAILS OF THE SWITCHGEAR & TRANSFORMER PADS, PULL BOXES, ETC. WILL BE FURNISHED AFTER REVIEW OF CONSTRUCTION PLANS.
8. ALL 90 DEGREE ELBOWS AT TERMINAL POLES & TRANSFORMERS FOR PRIMARY CONDUIT TO BE ALUMINUM OR GALVANIZED WITH MIN 24" RADIUS & 36" RADIUS RIGID ELSEWHERE.
9. ALL CONDUIT ABOVE GRADE AT POWER POLE TO BE RIGID ALUMINUM
10. ALL CONDUIT INSTALLATION SHALL BE INSPECTED & ACCEPTED BY THE CITY OF BARTOW ELECTRIC DEPARTMENT BEFORE THE CITY WILL INSTALL THE CONDUCTORS.
11. LOCATION OF TRANSFORMER WILL BE DETERMINED BY CITY OF BARTOW ELECTRIC DEPARTMENT.
12. CLEARANCE AROUND ALL TRANSFORMERS WILL BE A MINIMUM OF 3' ON THE SIDES, 5' IN THE REAR, & 12' IN THE FRONT.
13. LOCATION OF TERMINAL POLE DETERMINED BY CITY OF BARTOW ELECTRIC DEPT.

DETAIL FOR PADMOUNT TRANSFORMER WITH CT'S

FOR INSPECTIONS BEFORE COVER-UP AND
PRE-CONSTRUCTION MEETING, CALL JEFF PARRISH
OR ROGER MURPHY AT (863) 534-0142



CITY OF BARTOW WILL MOUNT
INSTRUMENT TRANSFORMERS AND
ASSOCIATED WIRING IN COMPANY
OWNED PADMOUNT TRANSFORMER



NOTE: SECONDARY CONDUCTOR
NOT SHOWN

NOTES:

1. METER SOCKET ENCLOSURE FURNISHED BY THE CITY OF BARTOW AND INSTALLED BY CUSTOMER. THE CITY OF BARTOW SHALL SPECIFY LOCATION
2. THE MAXIMUM DISTANCE ALLOWED BETWEEN INSTRUMENT TRANSFORMERS AND THE METER SHALL BE 5FT. ALL RUNS SHALL BE MADE WITH 1" RIGID METALLIC OR SCHEDULE 40 PVC CONDUIT WILL BE PERMITTED.
3. CONDUIT ABOVE GROUND TO METER SHALL BE RIGID METALLIC.