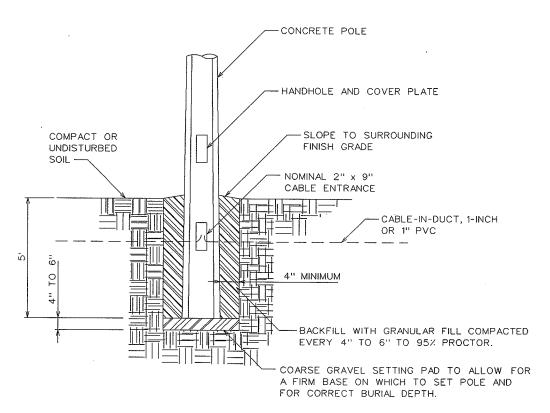


LOOP LEAD DUCT DETAIL

2004

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TRAFFIC ENGINEERING DIVISION

LOOP LEAD DUCT DETAIL

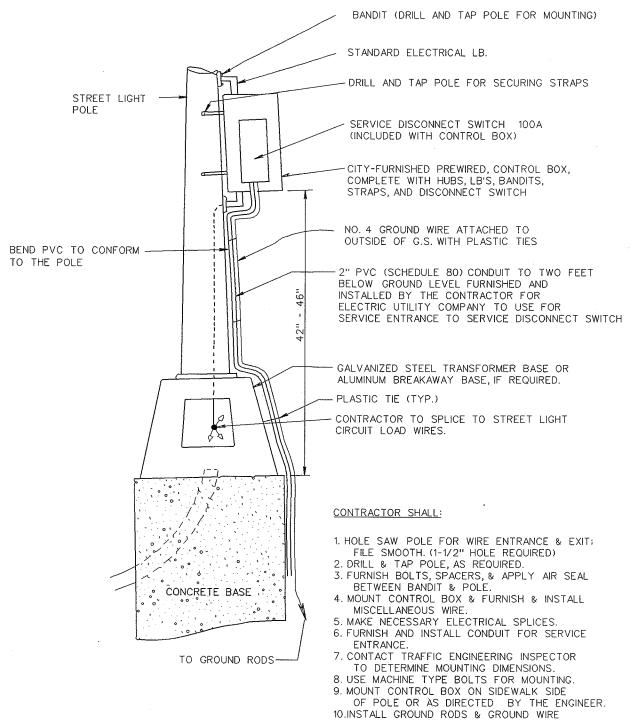


CONCRETE POLE BURIAL DETAIL

2004

CITY OF MADISON
TRAFFIC ENGINEERING DIVISION

CONCRETE POLE BURIAL DETAIL



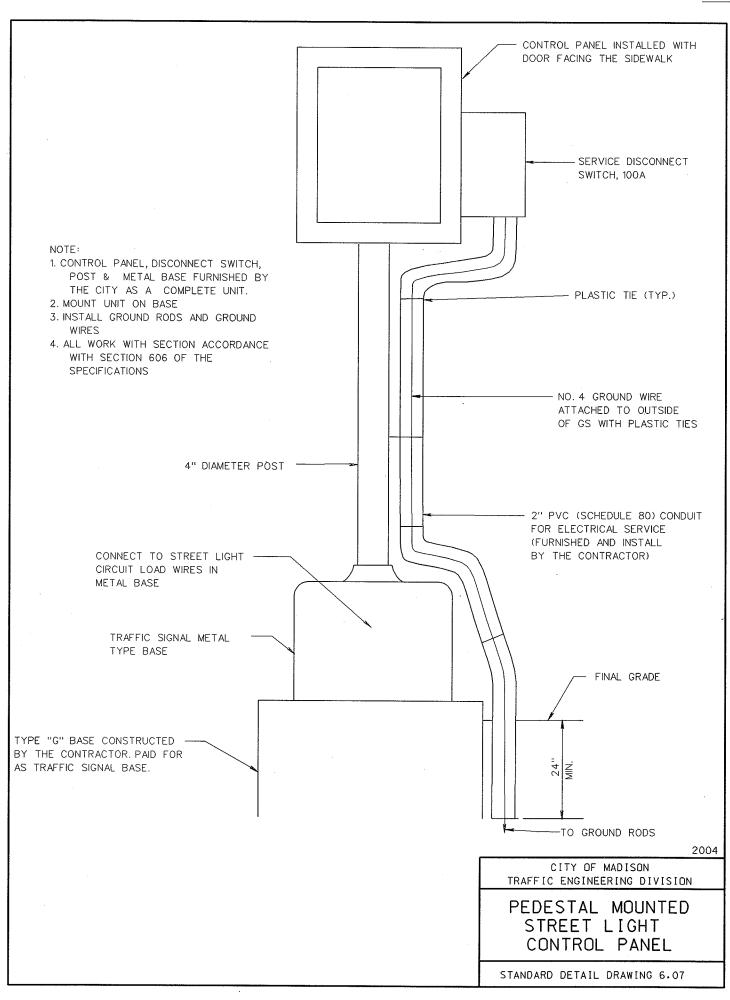
### NOTE:

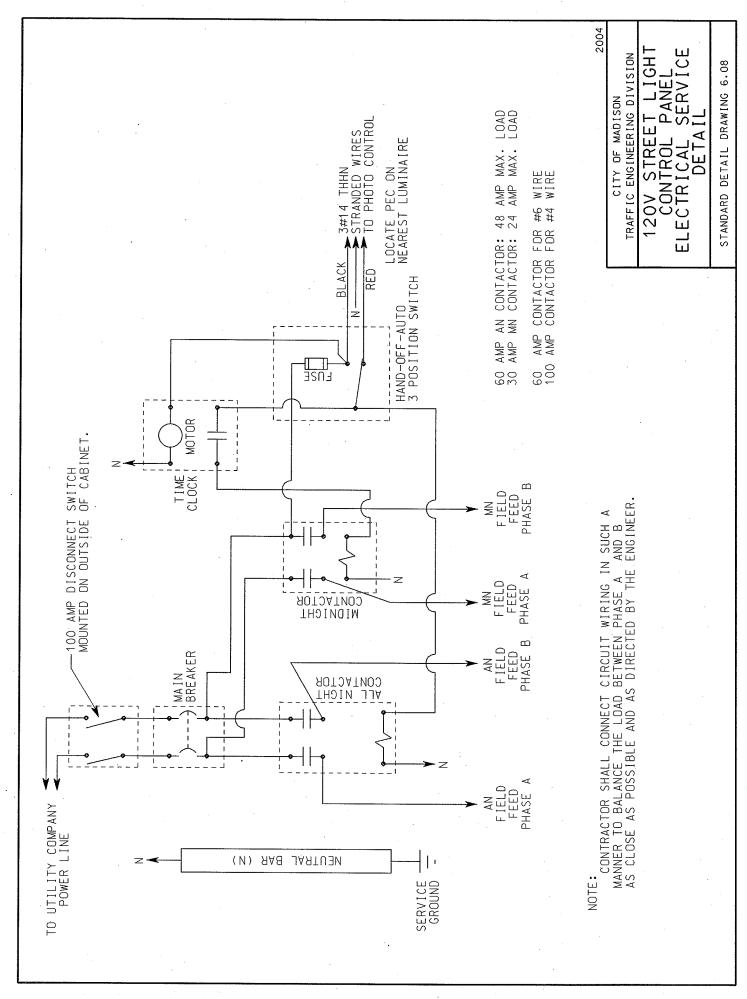
ALL WORK TO BE IN ACCORDANCE WITH SECTION 606 OF THE SPECIFICATIONS.

2004

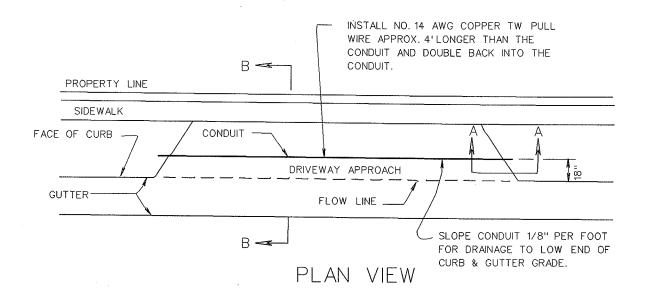
CITY OF MADISON
TRAFFIC ENGINEERING DIVISION

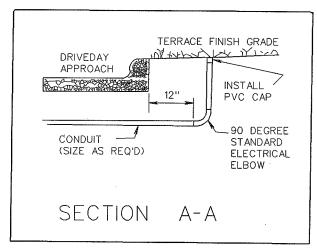
POLE MOUNTED STREET LIGHT CONTROL PANEL

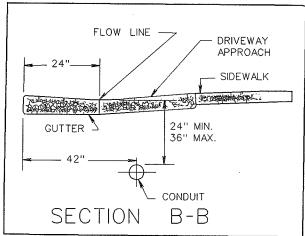




# CONDUIT PLACEMENT DETAILS FOR COMMERCIAL DRIVE APPROACHES





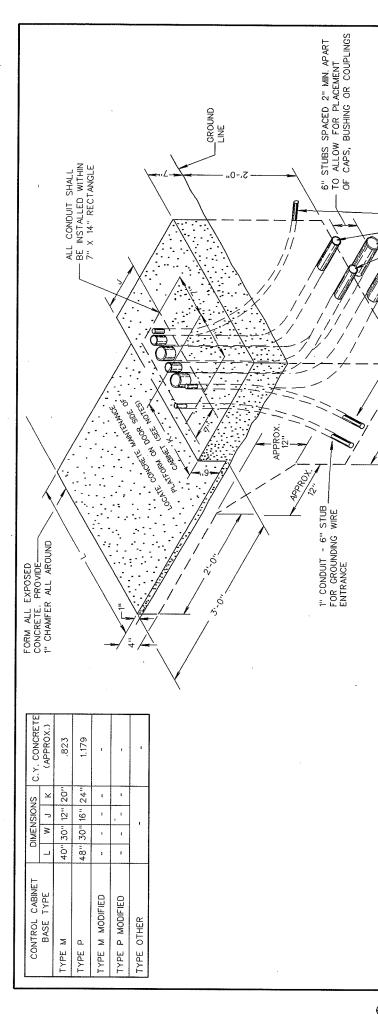


BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING SHOP, ELECTRICAL SECTION, (608-266-4767) TO ARRANGE FOR INSPECTION OF THE DUCT PLACEMENT.

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CONDUIT PLACEMENT DETAILS FOR COMMERCIAL DRIVE APPROACH



# GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL CONDUIT SHALL BE PVC, SCHEDULE 40

DEPTH OF CONDUIT EXITING THE BASE SHALL MATCH THE DEPTH SPECIFIED FOR CONDUIT INSTALLATION.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED AND LEVEL.

MAINTENANCE PLATFORM SHALL NOT BE INSTALLED WHEN THE SURROUNDING AREA IS PAVED. MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MINIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET. CONDUITS SHALL EXIT THE BASE IN THE DIRECTION OF THE STRUCTURE IT IS TERMINATING

MAINTENANCE PLATFORM SIZE MAY VARY ON ACCOUNT OF CONDITIONS. VERIFY THE MAINTENANCE PLATFORM SIZE WITH ENGINEER PRIOR TO POURING BASE.

CONCRETE CONTROL CABINET BASES

CONDUIT AS REQUIRED

(ISOMETRIC VIEW)

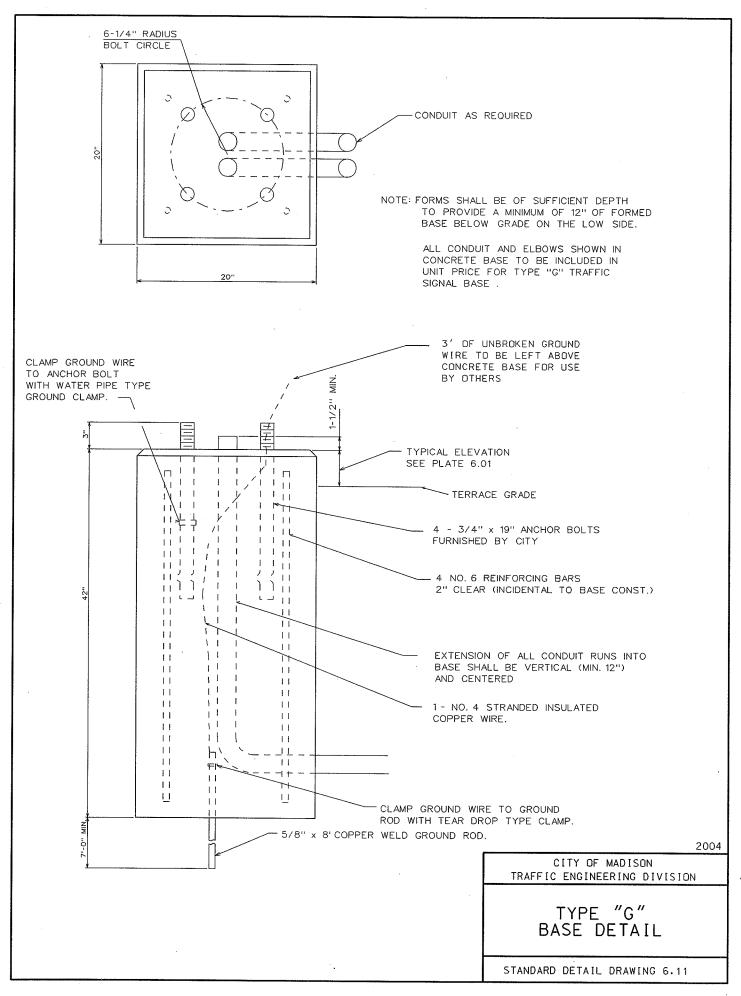
۵.

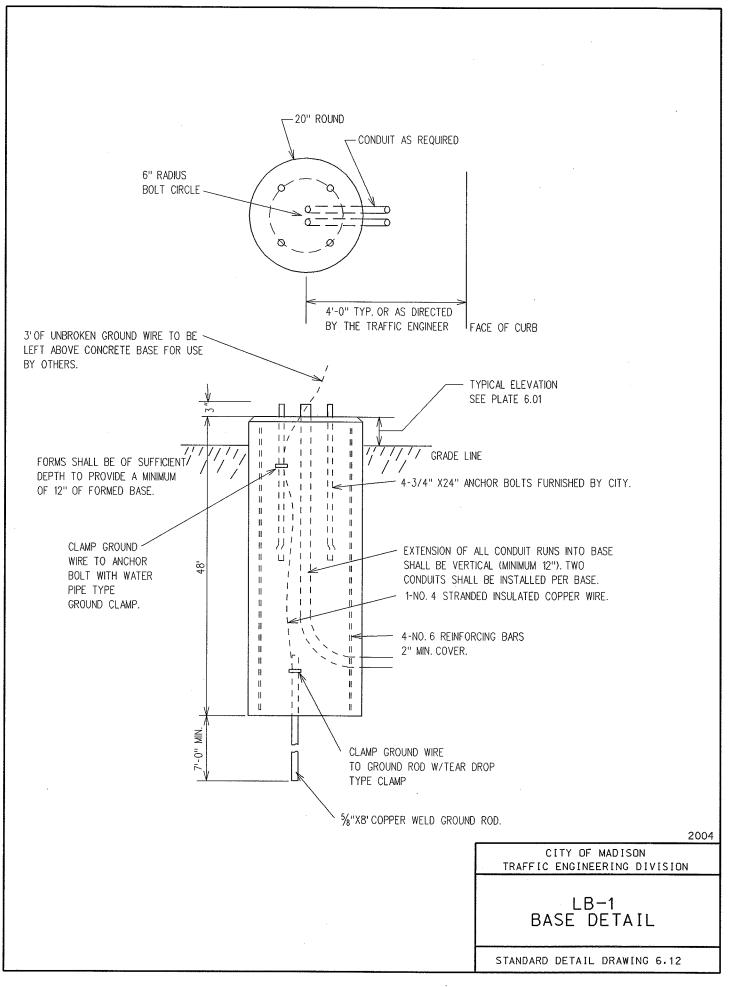
TYPE M OR

TRAFFIC ENGINEERING DIVISION CITY OF MADISON

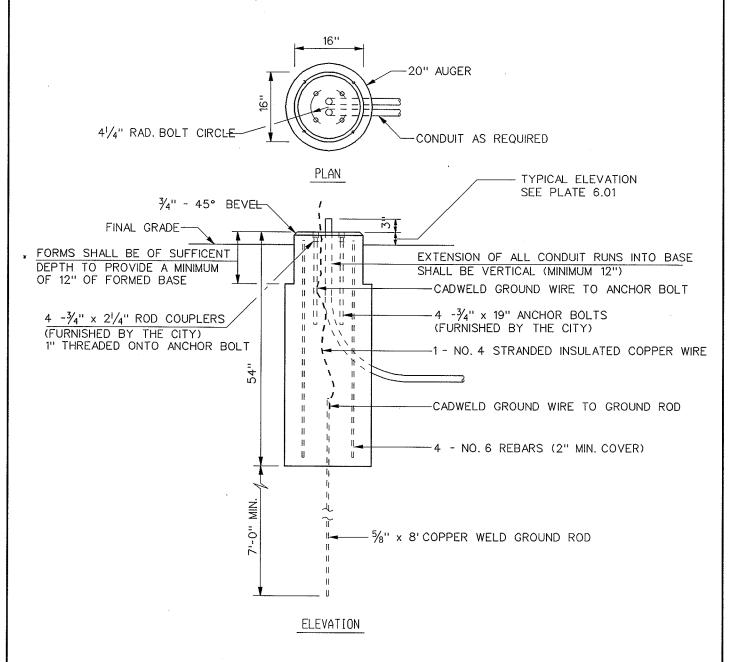
2004

"p" DETAIL TYPE "M" AND CONTROLLER BASE





\* TOP 12" OF FORMED BASE TO BE ROUND, 16" DIAMETER AS SHOWN, OR DIRECTED BY THE ENGINEER.



NOTES:

RUST, CORROSION AND ANTI-SEIZE PROTECTION SHALL PROVIDED AT ALL THREADED ASSEMBLIES.

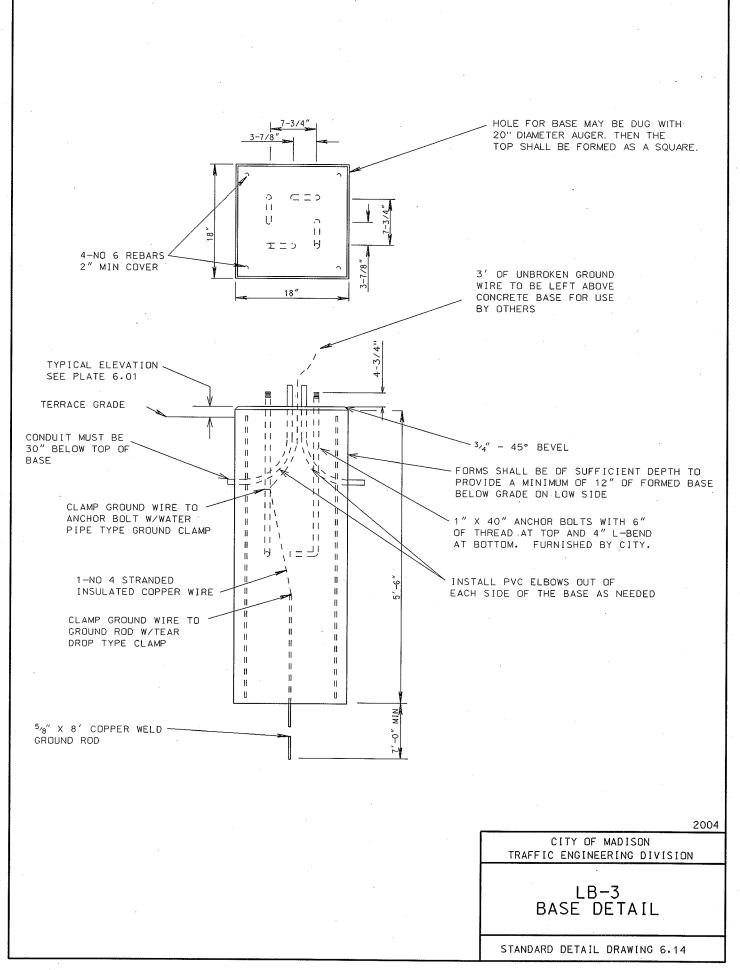
ROD COUPLERS SHALL BE SET FLUSH WITH TOP OF BASE.

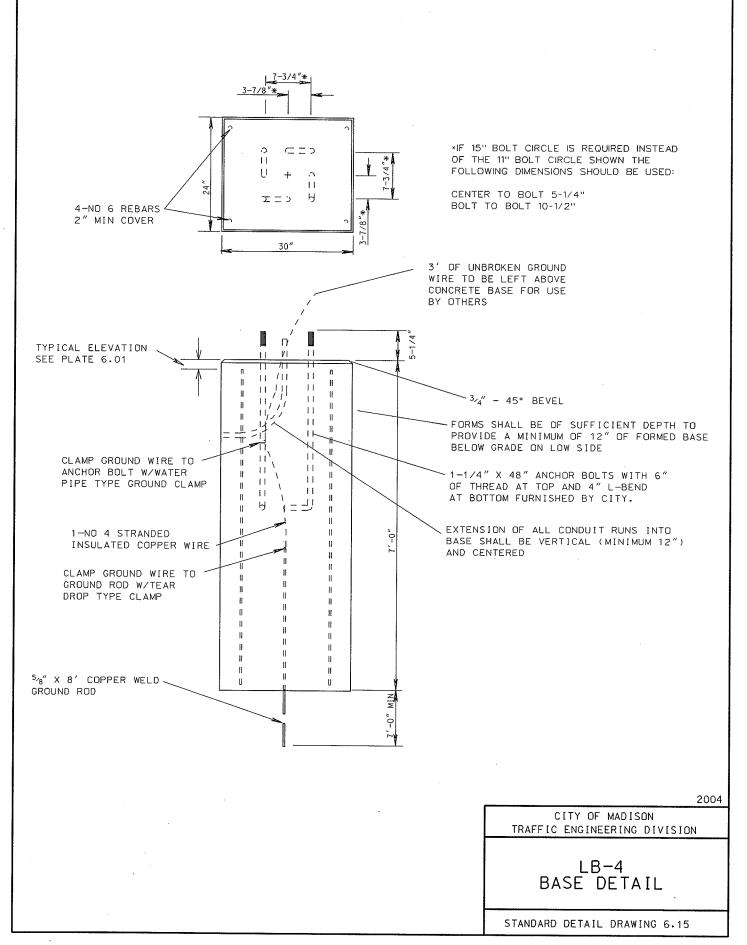
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TRAFFIC ENGINEERING DIVISION

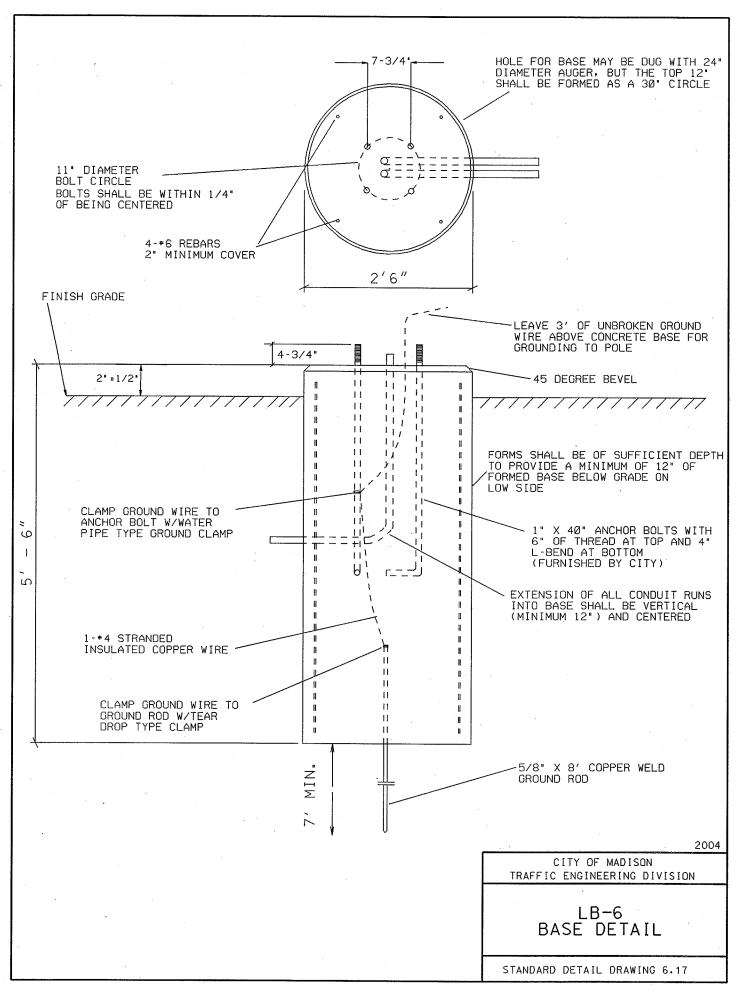
2004

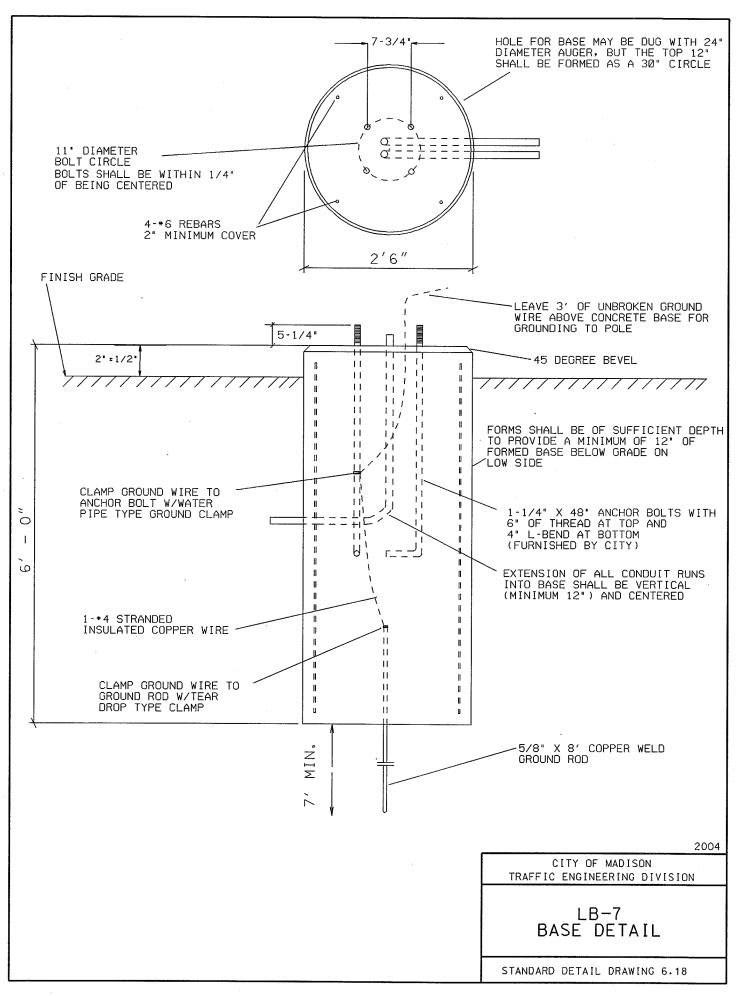
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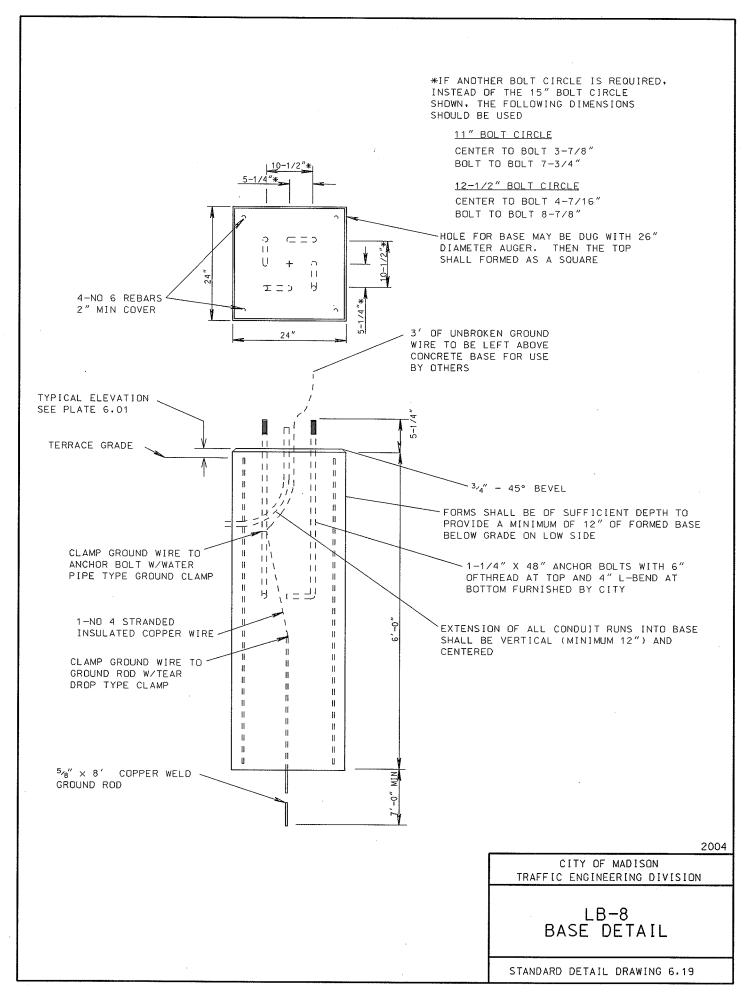
LB-2 BASE DETAIL

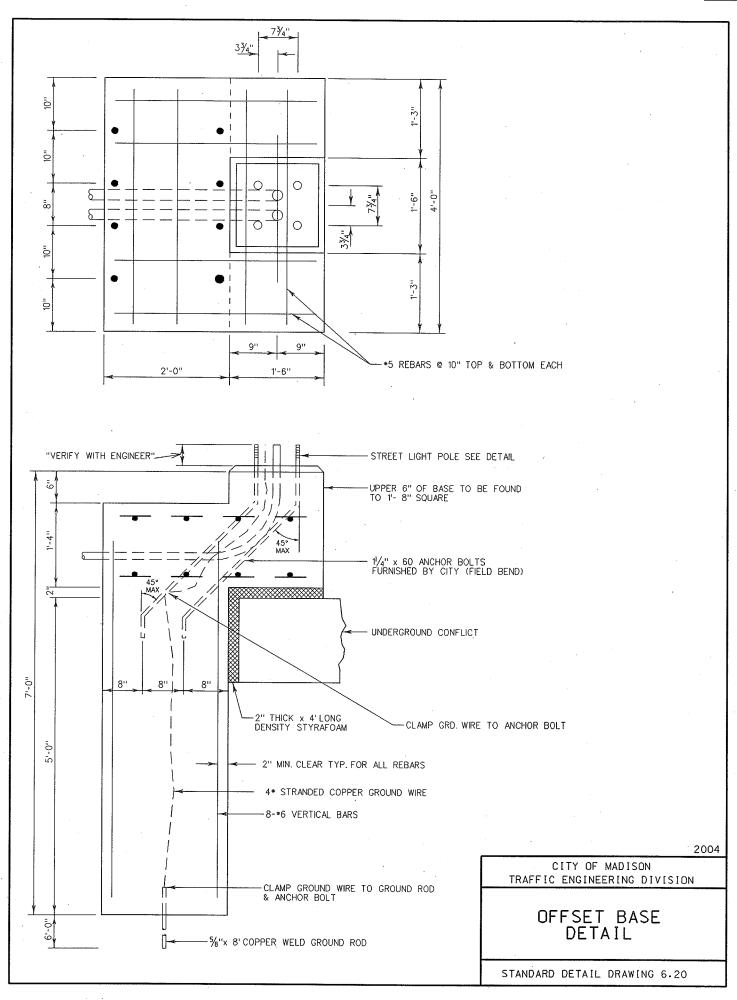


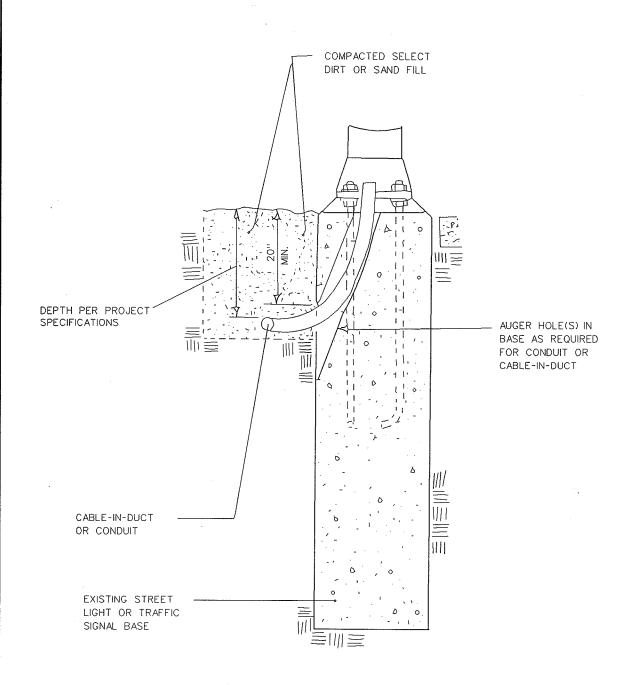








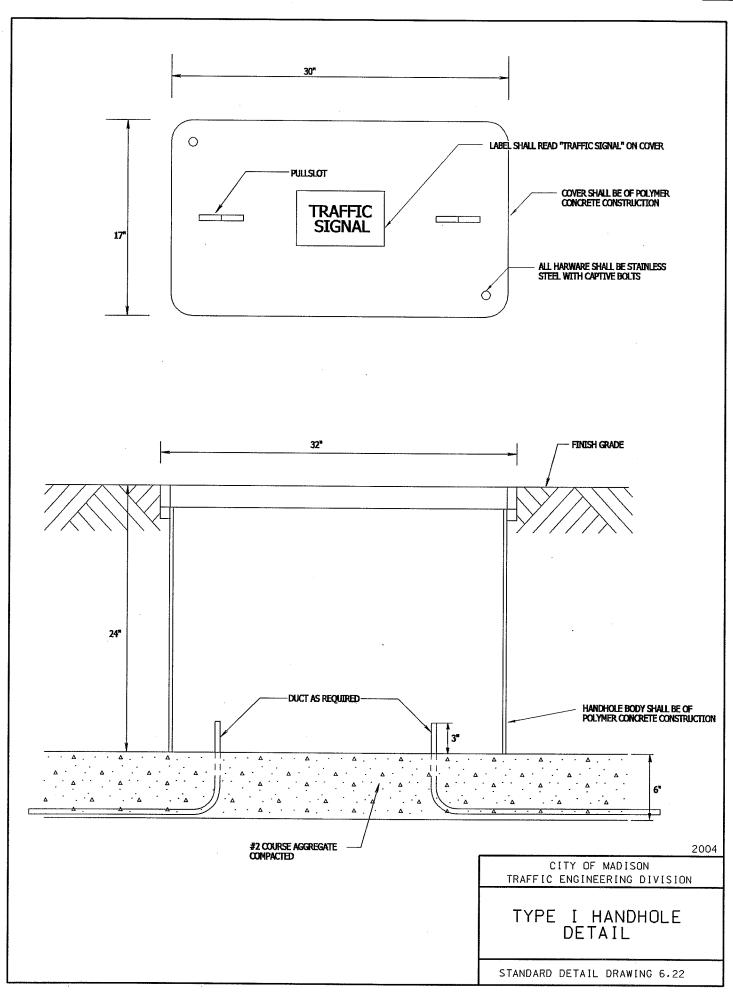


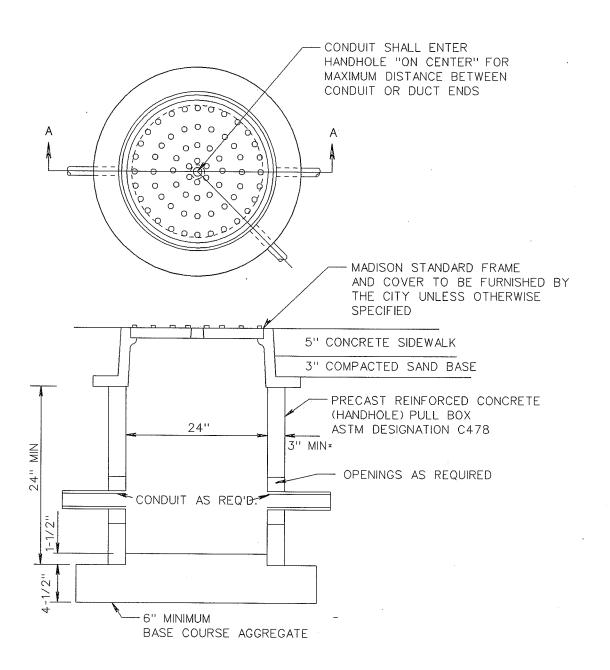


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TRAFFIC ENGINEERING DIVISION

TYPICAL DETAIL FOR AUGERING A HOLE(S) IN EXISTING BASE FOR DUCT ENTRANCE





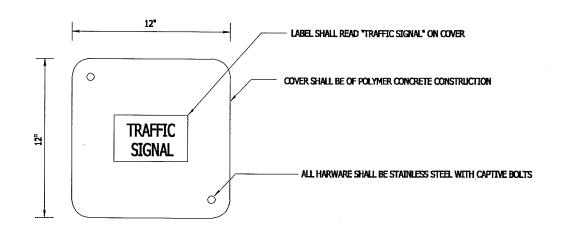
SECTION A-A

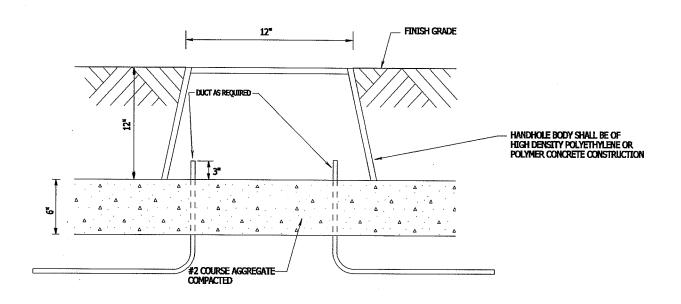
\*5" WALL THICKNESS IS REQUIRED IF HANDHOLE IS LOCATED IN ROADWAY OR DRIVEWAY APRON.

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TYPE II HANDHOLE DETAIL

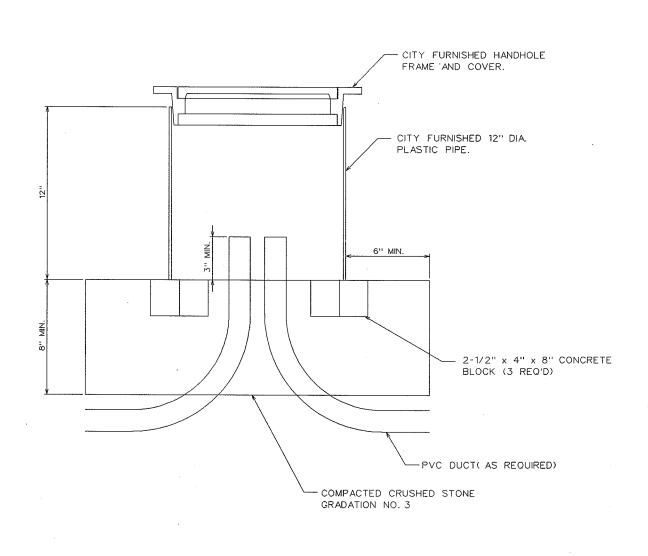




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TRAFFIC ENGINEERING DIVISION

TYPE III HANDHOLE DETAIL

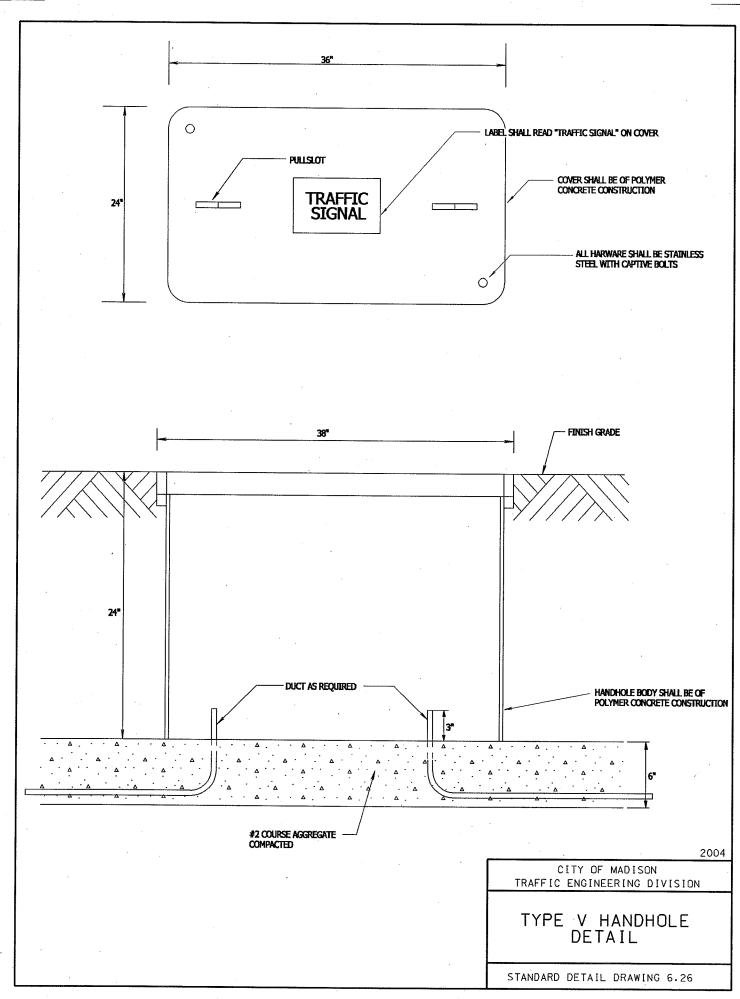


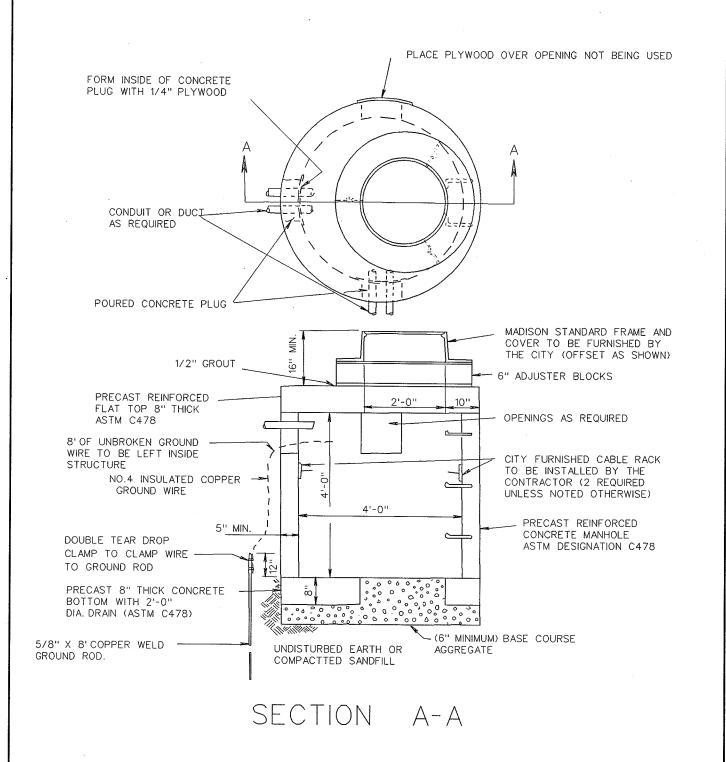
TYPE IV HANDHOLE DETAIL

STANDARD DETAIL DRAWING 6.25

CITY OF MADISON
TRAFFIC ENGINEERING DIVISION

2004



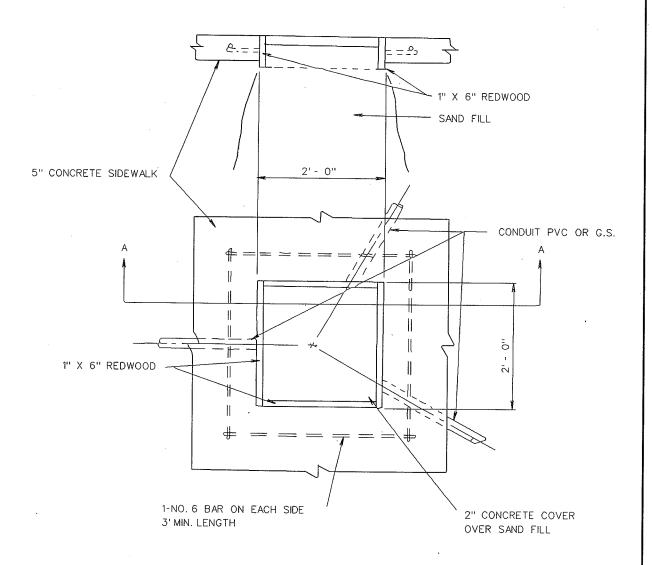


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ELECTRICAL UTILITY ACCESS STRUCTURE DETAIL

# SECTION A-A



## NOTE:

CONDUIT OR DUCT SHALL ENTER BOX-OUT "ON CENTER" FOR MAXIMUM DISTANCE BETWEEN CONDUIT OR DUCT ENDS.

2004

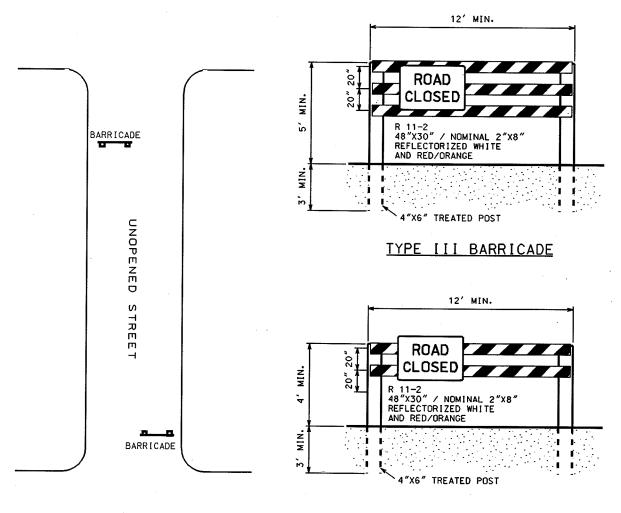
CITY OF MADISON
TRAFFIC ENGINEERING DIVISION

ELECTRICAL CONDUIT BOX-OUT DETAIL

A TYPE III BARRICADE WITH SIGN ATTACHED IS REQUIRED FOR THESE CONDITIONS AND SHALL BE INSTALLED ON STREETS WHERE LARGE TRAFFIC VOLUMES EXIST OR A SAFETY HAZARD IS PRESENT. I.E.. DROP IN GRADE IN EXCESS OF 12" FROM THE PAVEMENT SURFACE TO THE GROUND OR A PILE OF DEBRIS AT THE END OF THE STREET.

A TYPE III A BARRICADE WITH SIGN ATTACHED IS REQUIRED TO BE INSTALLED BY THE DEVELOPER RESPONSIBLE ON ALL STREETS WHICH HAVE NOT BEEN ACCEPTED BY THE CITY OF MADISON.

A PORTABLE BARRICADE OF THE REQUIRED TYPE MAY BE USED ON STREETS THAT WILL BE OPENED WITHIN 30 DAYS. A PERMANENT BARRICADE WILL BE USED ON ALL OTHER PROPOSED STREETS.



TYPE III A BARRICADE

NOTE:
EACH BARRICADE SHALL HAVE ALTERNATE REFLECTORIZED
WHITE AND RED/ORANGE STRIPES 4" TO 6" WIDE AND PLACED
AT A 45 DEGREE ANGLE. THE ENTIRE AREA OF WHITE AND
RED/ORANGE SHALL BE REFLECTORIZED WITH A SMOOTH,
SEALED OUTER SURFACE (3M "SCOTCHLITE" OR BETTER) THAT
WILL DISPLAY THE SAME APPROXIMATE SIZE, SHAPE AND
COLOR DAY AND NIGHT. FOR FURTHER INFORMATION CALL
CITY TRAFFIC ENGINEERING AT 266-4961.

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TRAFFIC ENGINEERING DIVISION

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STREET BARRICADE DETAILS