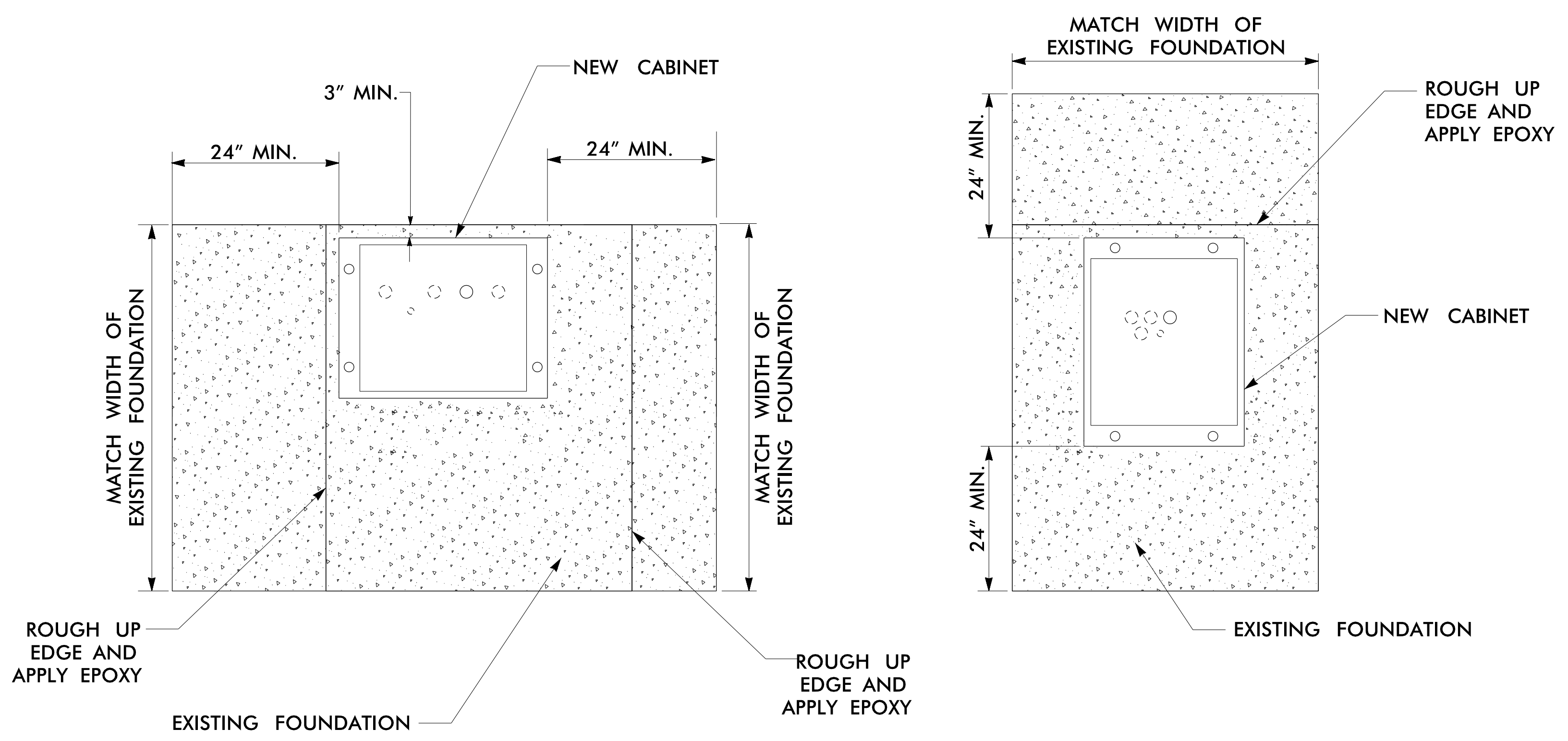


## TYPICAL FOUNDATION MODIFICATIONS



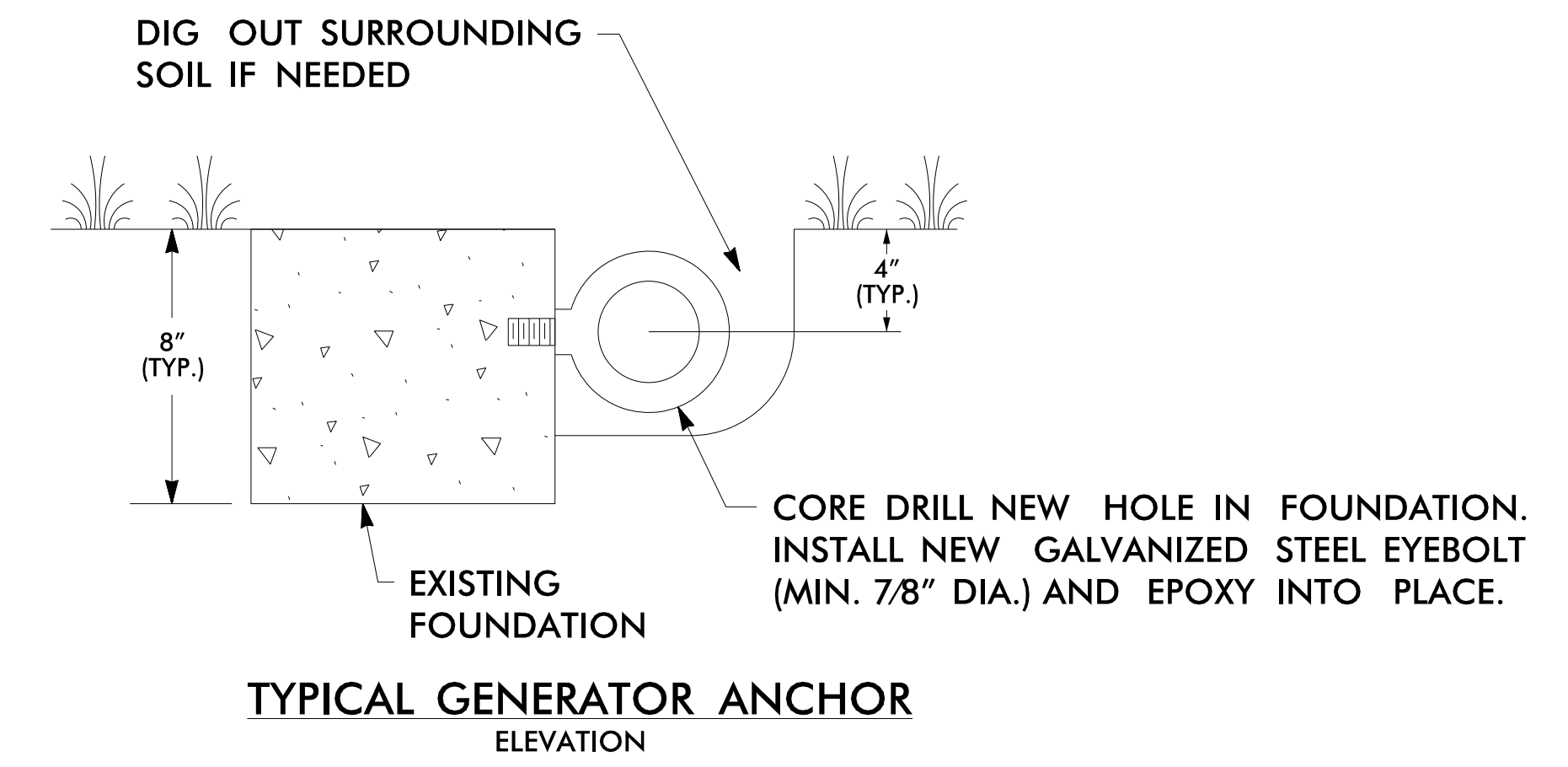
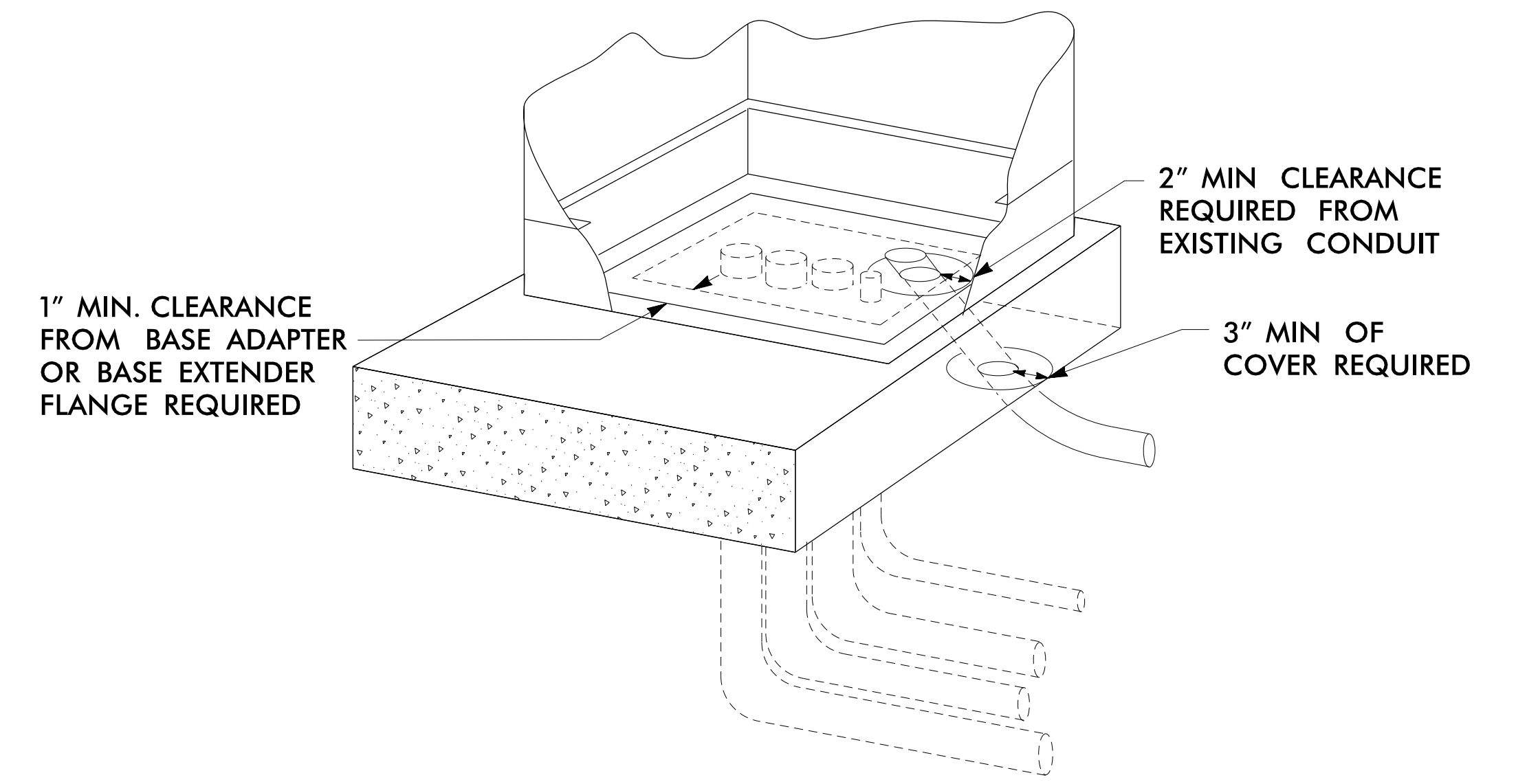
FOUNDATION EXTENSION	LENGTH OF DOWEL
>16"	18"
>6' AND ≤16"	11"
=6"	8"

### NOTES

FOR FOUNDATION MODIFICATIONS:

- A. MAINTENANCE TECHNICIAN PADS SHALL BE ADDED TO THE FOUNDATION TO PROVIDE A MINIMUM PAD AREA THAT EXTENDS 24" FROM THE FRONT AND BACK OF THE CABINET, AND MATCHES THE WIDTH OF THE EXISTING FOUNDATION.
- B. EXCAVATE THE GROUND AROUND THE EXISTING FOUNDATION TO A DEPTH SUFFICIENT TO EXPOSE A MINIMUM OF 4" OF THE FOUNDATION BELOW EXISTING GRADE.
- C. ROUGH THE SIDES OF THE EXISTING FOUNDATION FROM THE TOP TO A POINT FOUR INCHES BELOW GRADE BY MEANS OF A CHISEL OR OTHER METHOD APPROVED BY THE ENGINEER.
- D. WASH THE SIDES OF THE FOUNDATION WITH WATER PRESSURIZED AT 50 PSI AND THOROUGHLY DRY WITH COMPRESSED AIR.
- E. DRILL HOLES APPROXIMATELY 6" DEEP ON 12-INCH CENTERS INTO THE EXISTING FOUNDATION. INSTALL #4 DOWELS AND EPOXY INTO PLACE. DOWELS SHALL BE THE LENGTH SHOWN IN THE TABLE ABOVE.
- F. FORM THE SIDES OF THE MODIFIED FOUNDATION TO A MINIMUM DEPTH OF 4" BELOW GRADE.
- G. POSITION FORMS SO THAT ALL EXISTING EXPOSED FOUNDATION SURFACES AT OR ABOVE GRADE LEVEL WILL BE MATCHED.
- H. APPLY A COATING OF APPROVED EPOXY BONDING AGENT TO ALL EXPOSED ROUGHENED CONCRETE SURFACES AS RECOMMENDED BY THE MANUFACTURER.
- I. PROVIDE A ONE INCH CHAMFER ON ALL NEW OUTSIDE EDGES.
- J. USE CONCRETE TO INSTALL THE MAINTENANCE TECHNICIAN PAD.
- K. WHERE CABINETS ARE RELOCATED OR ROTATED ON EXISTING FOUNDATION, CUT OFF ANY EXISTING CABINET MOUNTING BOLTS AND GRIND FLUSH WITH THE PAD SURFACE.

### DRILL /CORE DRILLING REQUIREMENTS



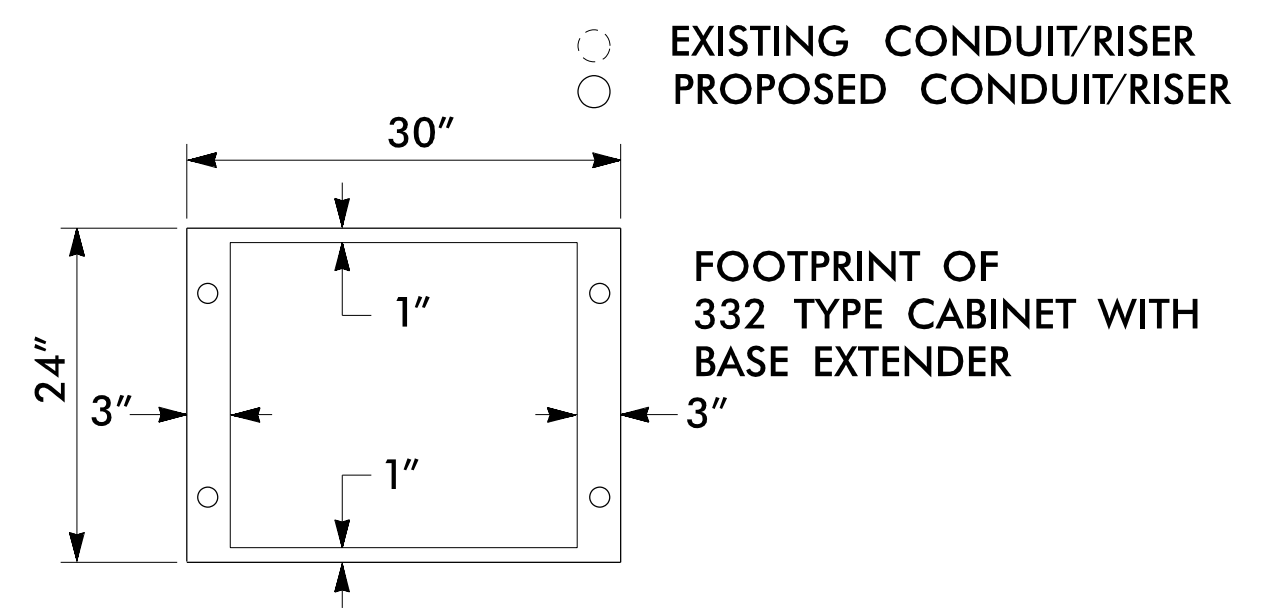
### NOTES

FOR DRILL AND CORE DRILLING:

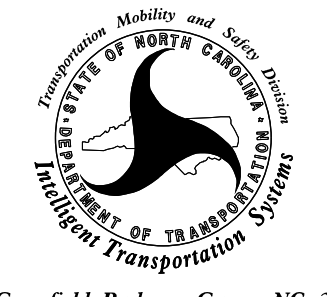

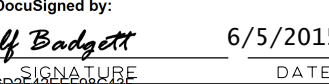
- A. A MINIMUM OF 3" OF COVER SHALL BE MAINTAINED BETWEEN NEW CONDUIT AND EDGE OF EXISTING FOUNDATION.
- B. MINIMUM CLEARANCES OF 1" FROM THE FLANGE OF THE BASE ADAPTER AND 2" FROM EXISTING CONDUITS SHALL BE MAINTAINED.
- C. AVOID DAMAGING EXISTING CONDUIT, CONDUCTORS, AND ANCHOR BOLTS. CONTRACTOR SHALL REPAIR SUCH DAMAGES.
- D. WHERE APPROVED BY THE ENGINEER, EXISTING FOUNDATION MAY BE CHIPPED INSTEAD OF DRILLED FOR CONDUIT ENTRANCE.
- E. BOND NEW METALLIC CONDUIT TO THE CABINET GROUNDING SYSTEM.
- F. AFTER INSTALLATION OF CONDUIT, PLACE GROUT TO SEAL AROUND CONDUIT, AND RETURN EXISTING FOUNDATION TO NORMAL APPEARANCE.

\*INSTALL ONLY AT LOCATIONS INDICATED BY PLANS (SEE SUMMARY OF WORK BY INTERSECTIONS)

### LEGEND



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Prepared for the Offices of:  750 Greenfield Parkway, Garner, NC 27529	<b>High Point Signal System Foundation Modification Detail</b>		SEAL 
	Division 7    Guilford County    High Point		
PLAN DATE: June 2015	REVIEWED BY: HA Badgett		
PREPARED BY: BJ Slocum	REVIEWED BY: SG Haynie		
SCALE  NTS	REVISIONS	INIT.    DATE	DocuSigned by:  6/5/2015 DATE CADD File name: ITS-5.06.dgn

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