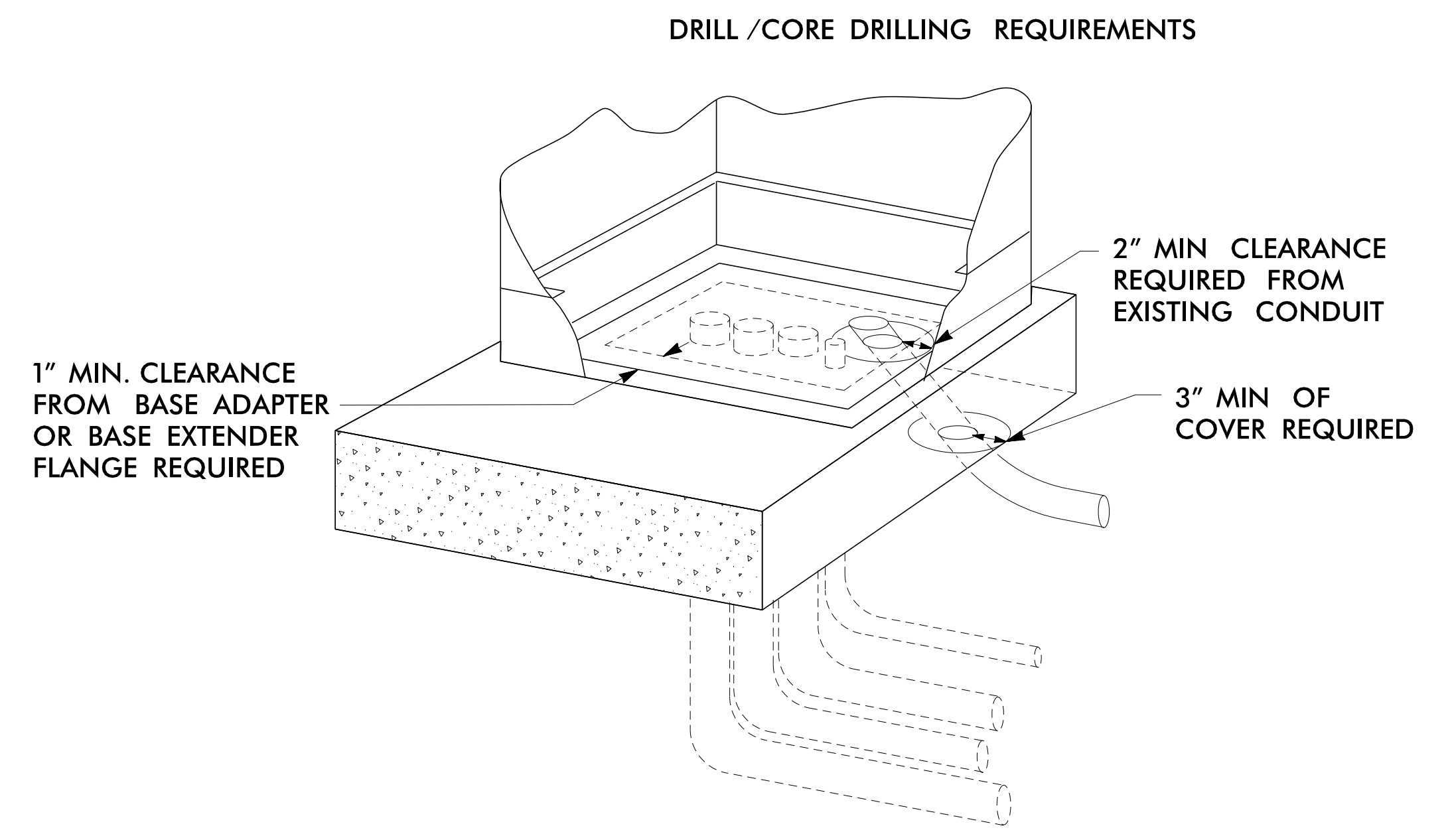
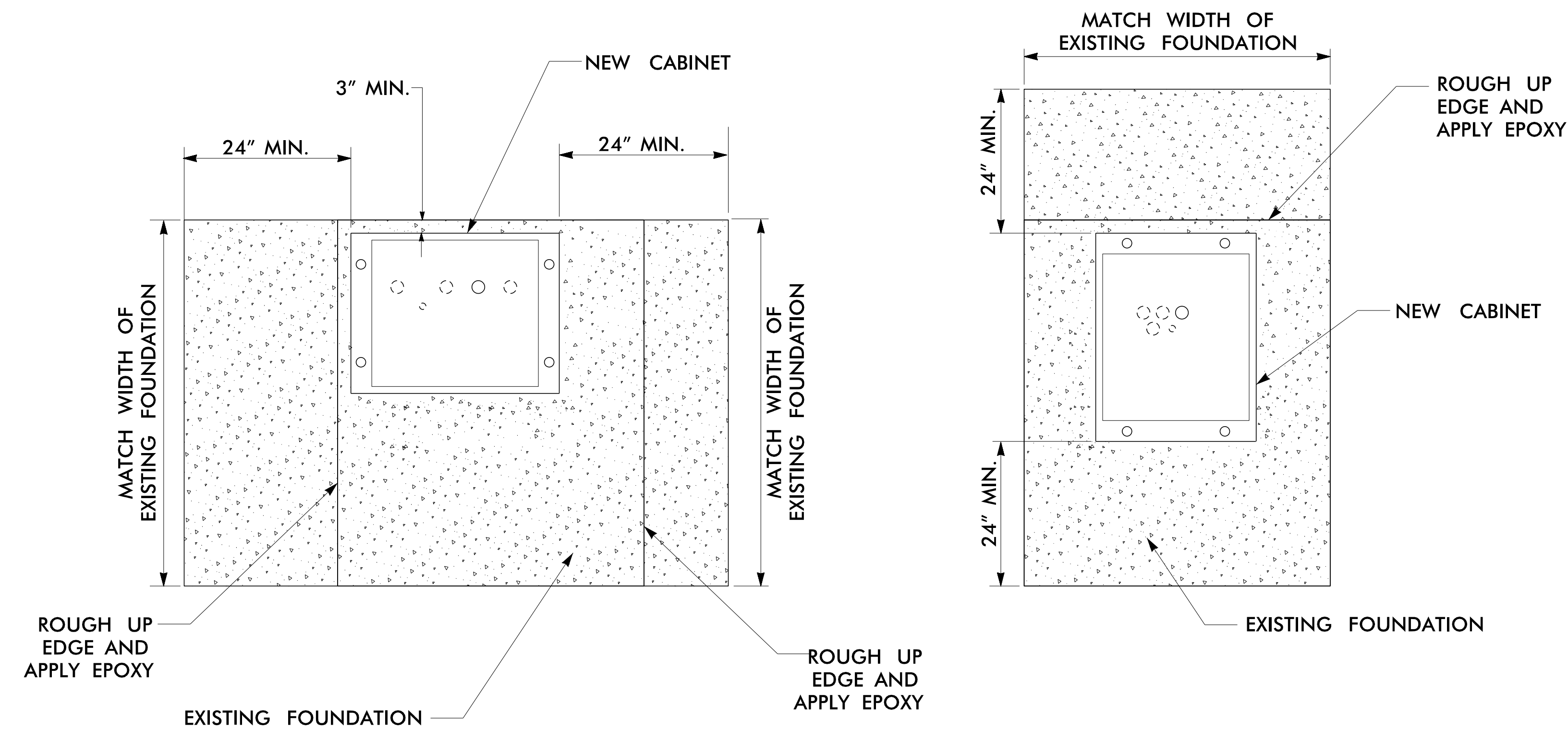


TYPICAL FOUNDATION MODIFICATIONS



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

NOTES

FOR FOUNDATION MODIFICATIONS:

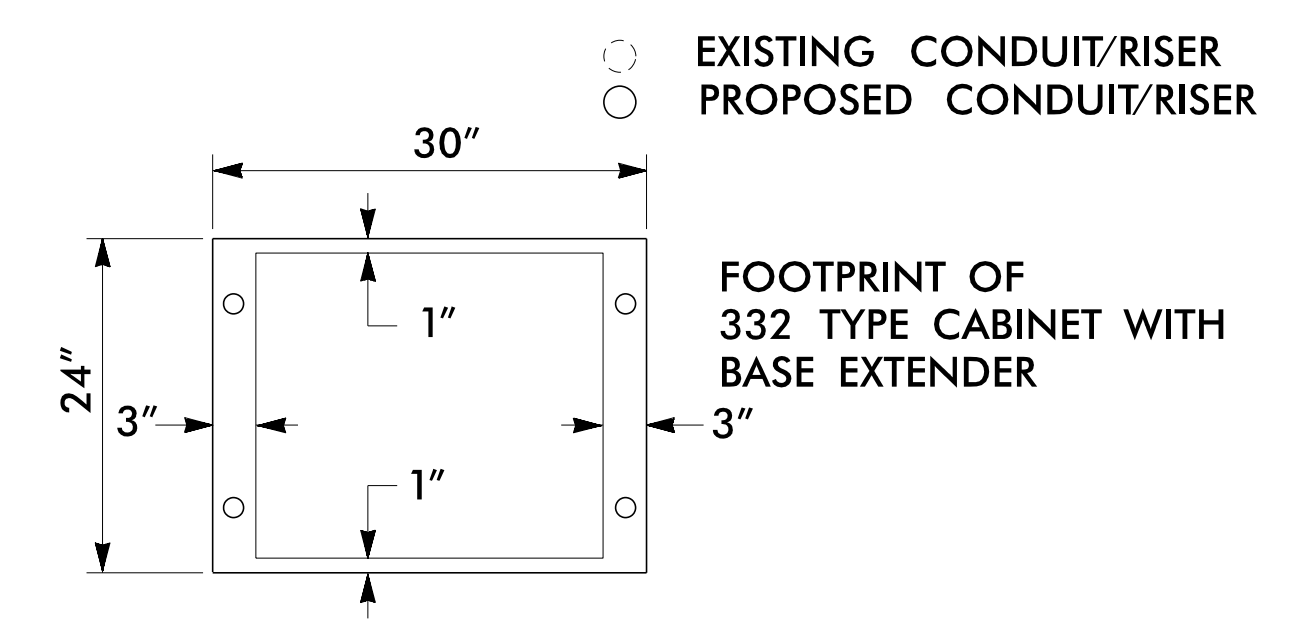
- A. MAINTENANCE TECHNICIAN PADS SHALL BE ADDED TO THE FOUNDATION TO PROVIDE A MINIMUM PAD AREA THAT EXTENDS 24" FROM THE FRONT AND BACK OF THE CABINET, AND MATCHES THE WIDTH OF THE EXISTING FOUNDATION.
- B. EXCAVATE THE GROUND AROUND THE EXISTING FOUNDATION TO A DEPTH SUFFICIENT TO EXPOSE A MINIMUM 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.

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.

LEGEND



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:

DRMP
ENGINEERS • PLANNERS • SCIENTISTS

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<p style="font-size: 8px;">Prepared for the Offices of:</p> <p style="font-size: 8px;">750 N. Greenfield Pkwy., Garner, NC 27529</p>	<p>Elizabeth City Signal System Foundation Modification Detail</p> <p>Division 1 Pasquotank County Elizabeth City</p> <p>PLAN DATE: April 2018 REVIEWED BY: LM Moon</p> <p>PREPARED BY: RD Lawton REVIEWED BY:</p>	<p>SEAL</p> <p>DocuSigned by: <i>Lisa M. Moon</i> 8/22/2018</p> <p style="font-size: 8px;">DATE</p>						
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