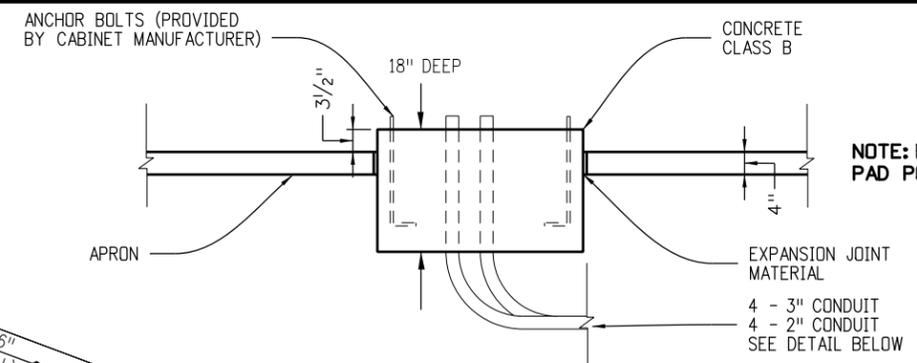
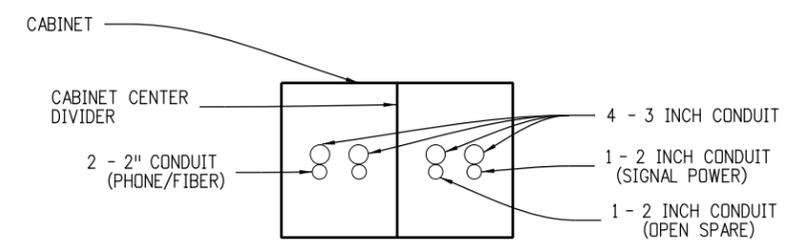


THE CONCRETE PAD SURROUNDING THE CABINET BASE SHALL BE CLASS B MIX. GLASS OR SYNTHETIC FIBERS SHALL BE INCORPORATED INTO THE CONCRETE MIX. THE DOSAGE RATE OF THE GLASS OR SYNTHETIC FIBERS SHALL BE THE DOSAGE RATE RECOMMENDED BY THE MANUFACTURER OF THE GLASS OR SYNTHETIC FIBERS. ALL WORK INVOLVING THE CONSTRUCTION OF THE CONCRETE PAD FOR THE SIGNAL CONTROLLER CABINET WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN COST OF THE CONTROLLER CABINET PAY ITEM.

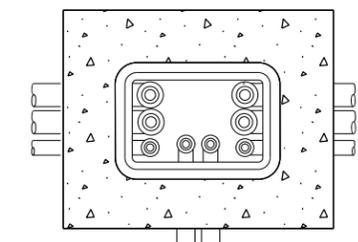


NOTE: FOUNDATION AND PAD POURED, SEPARATELY

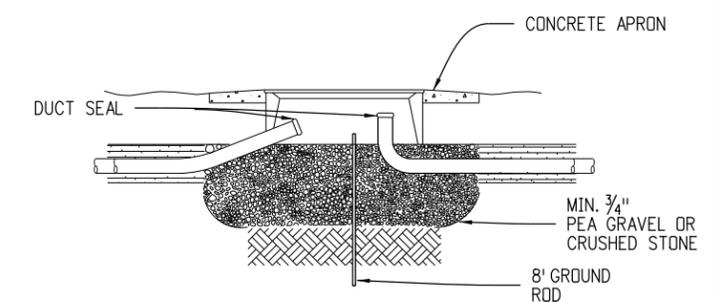
FOUNDATION CROSS SECTION
(NOT TO SCALE)



CONDUIT DETAIL
CROSS SECTION
(NOT TO SCALE)



TOP VIEW

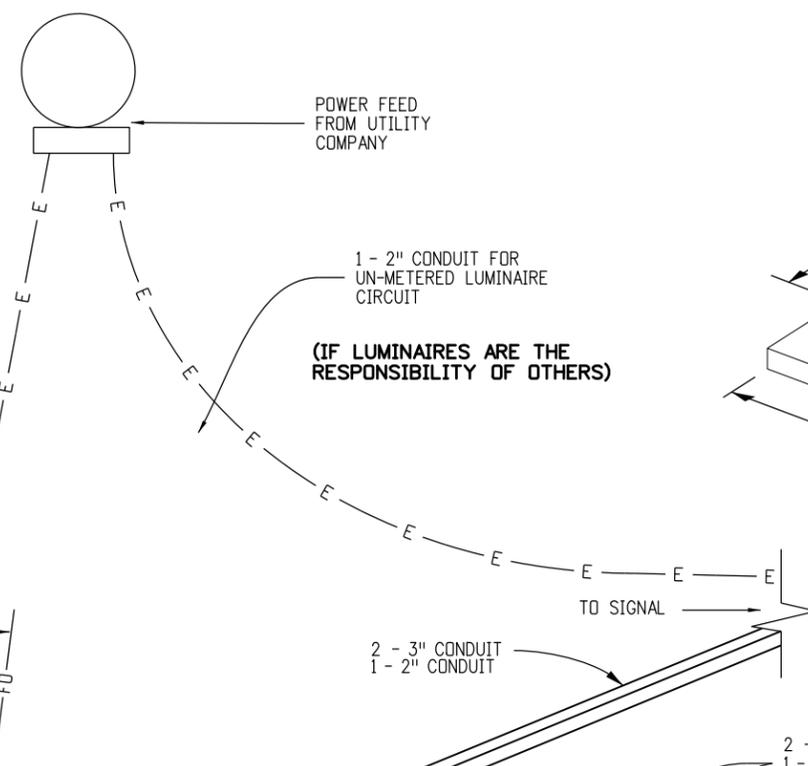


CROSS SECTION

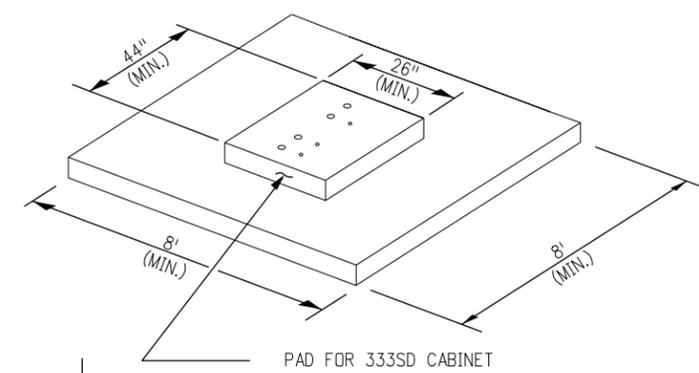
PULL BOX DETAIL
(NOT TO SCALE)

NOTES

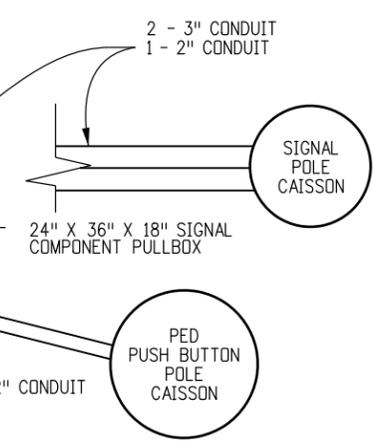
1. CONDUIT CENTERLINE SHALL BE ALIGNED TO TOP EDGE OF PULL BOX TO FACILITATE CABLE PULLING.
2. BED OF PEA GRAVEL OR CRUSHED STONE SHALL BE INCIDENTAL TO THE PULL BOX.
3. ALL PULL BOXES SHALL HAVE 12-INCH WIDE x 4-INCH DEEP CONC APRONS SLOPED AWAY FROM PULL BOX. THE COST OF APRON IS INCIDENTAL TO THE COST OF THE PULL BOX.
4. PULL BOXES SHALL BE GROUNDED WITH AN 8 FOOT GROUND ROD.
5. THE PULL BOX SHALL HAVE A DETACHABLE COVER WITH "CDOT TRAFFIC", "CDOT FIBER", or "CDOT COMM" PHYSICALLY IMPRESSED ON ITS TOP.



SIGNAL PAD DETAIL
TOP VIEW
(NOT TO SCALE)



PAD FOR 333SD CABINET



CAST-IN-PLACE FOUNDATION

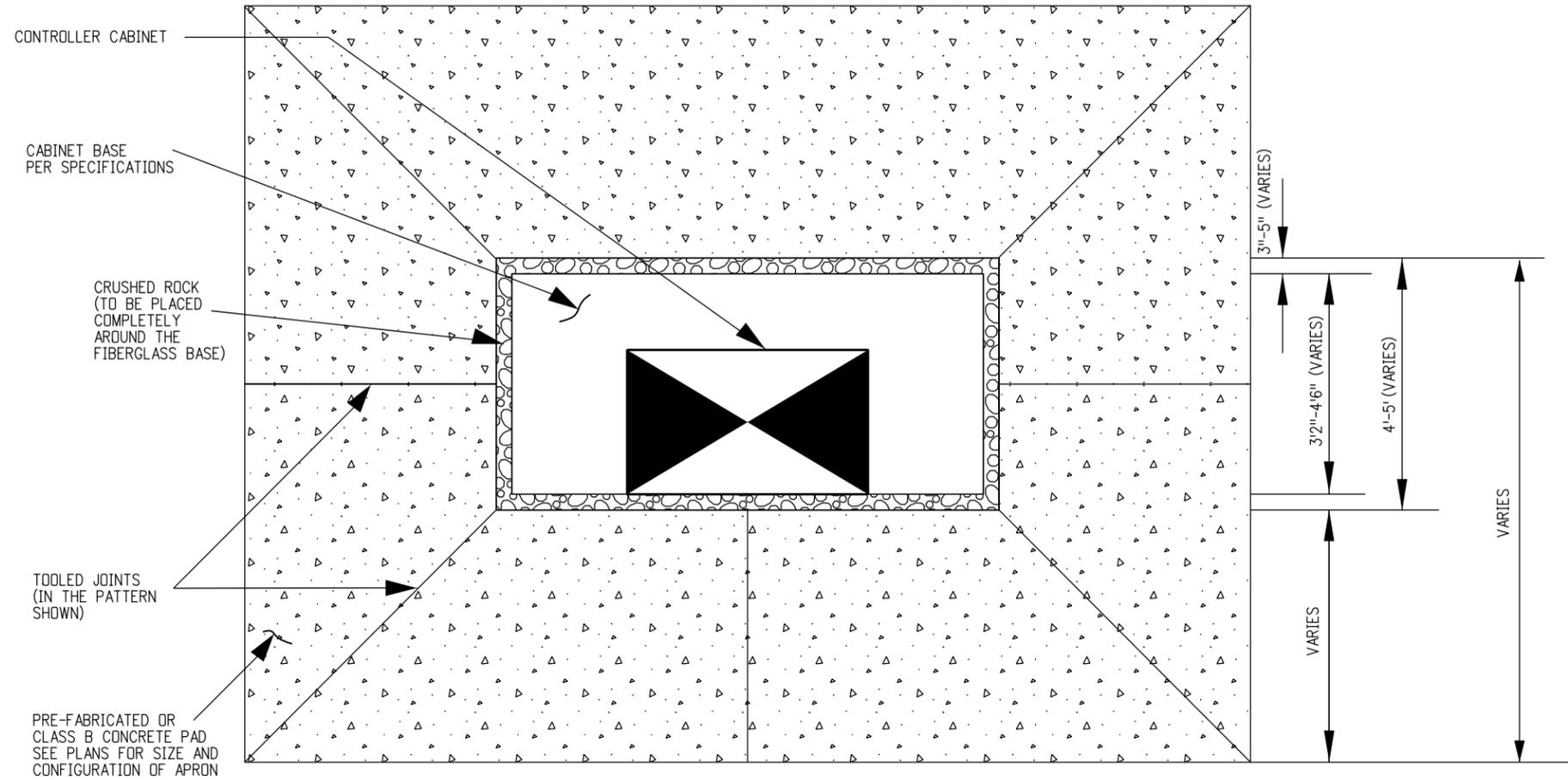
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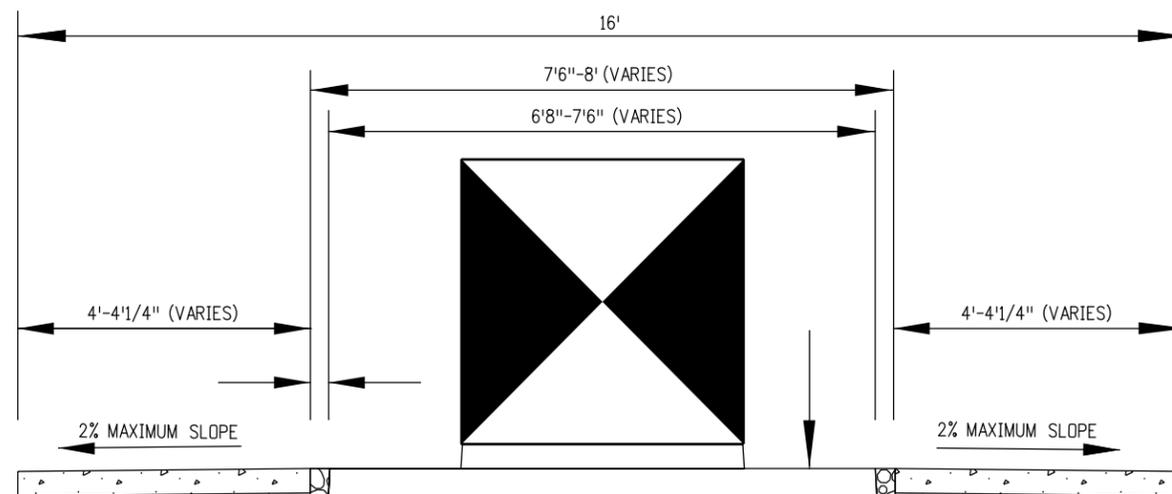
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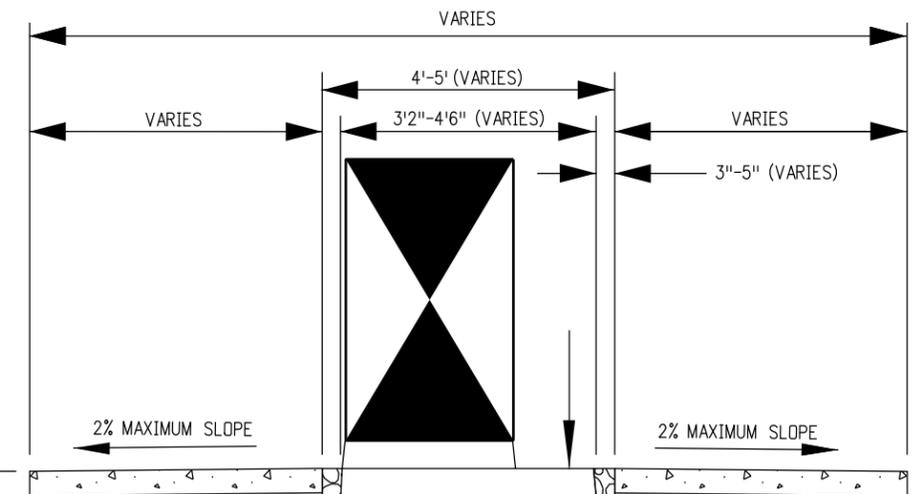
CONCRETE PAD NOTES

1. CONTRACTOR SHALL INSTALL PRE-FABRICATED OR CAST-IN-PLACE, FIBERGLASS CONCRETE PAD. SEE SPECIFICATION FOR MORE INFORMATION ON THE CONCRETE MATERIAL.
2. CONTRACTOR SHALL PLACE A 4-INCH THICK CONCRETE PAD (CAST-IN-PLACE OR PRE-FABRICATED), AS INDICATED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE CONCRETE PAD SHALL SLOPE AWAY FROM THE FIBERGLASS BASE AT A MAXIMUM 2% SLOPE.
3. THE CONCRETE PAD SURROUNDING THE CABINET BASE SHALL BE CLASS B MIX. GLASS OR SYNTHETIC FIBERS SHALL BE INCORPORATED INTO THE CONCRETE MIX. THE DOSAGE RATE OF THE GLASS OR SYNTHETIC FIBERS SHALL BE THE DOSAGE RATE RECOMMENDED BY THE MANUFACTURER OF THE GLASS OR SYNTHETIC FIBERS. ALL WORK INVOLVING THE CONSTRUCTION OF THE CONCRETE PAD FOR THE SIGNAL CONTROLLER CABINET WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTROLLER CABINET PAY ITEM.
4. FIBERGLASS BASE DIMENSIONS SHOWN VARY PER MANUFACTURER'S SPECIFICATIONS.
5. PRE-FABRICATED CONCRETE BASE DIMENSIONS SHOWN VARY PER MANUFACTURER'S SPECIFICATIONS.
6. PRE-FABRICATED CONCRETE BASE MANUFACTURER SHALL PROVIDE CONNECTION POINTS IN THE BASE FOR THE SPECIFIC CONTROLLER CABINET SPECIFIED IN THE PLANS.

TOP VIEW



FRONT VIEW



SIDE VIEW

PRE-FABRICATED FIBERGLASS FOUNDATION

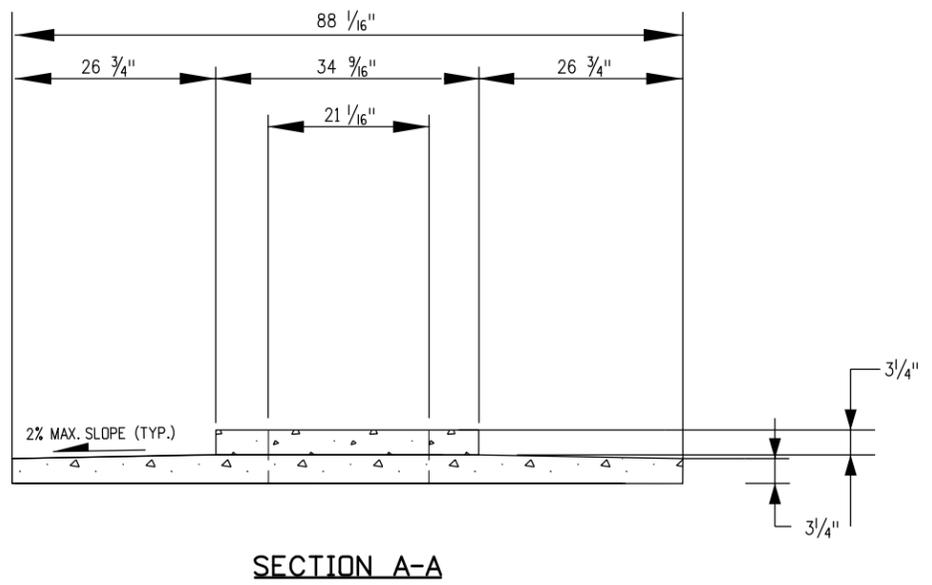
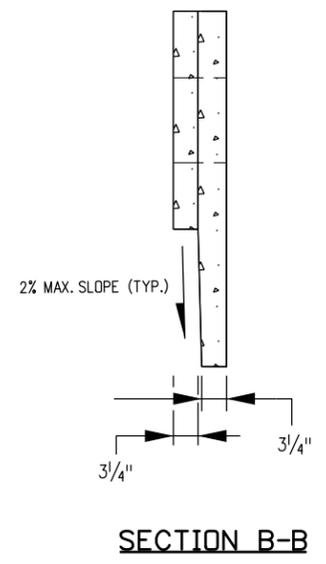
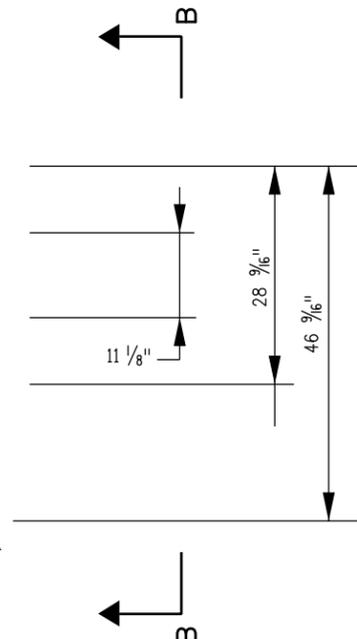
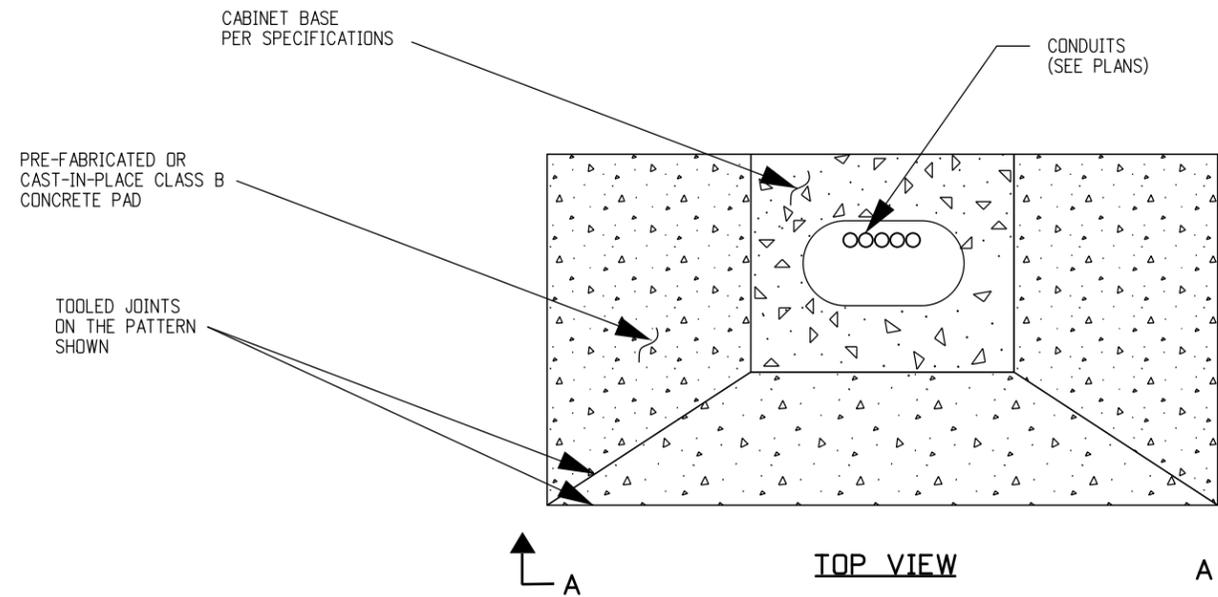
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CONCRETE PAD NOTES

1. CONTRACTOR SHALL INSTALL PRE-FABRICATED OR CAST-IN-PLACE CONCRETE PAD. SEE SPECIFICATION FOR MORE INFORMATION ON THE CONCRETE MATERIAL.
2. CONTRACTOR SHALL PLACE A 3/4-INCH THICK CONCRETE PAD (CAST-IN-PLACE OR PRE-FABRICATED), AS INDICATED IN THE DETAILS, OR AS DIRECTED BY THE ENGINEER. THE CONCRETE PAD SHALL SLOPE AWAY FROM THE FIBERGLASS BASE AT A MAXIMUM 2% SLOPE.
3. THE CONCRETE PAD SURROUNDING THE PRE-FABRICATED OR CAST-IN-PLACE BASE SHALL BE CLASS B MIX. GLASS OR SYNTHETIC FIBERS SHALL BE INCORPORATED INTO THE CONCRETE MIX. THE DOSAGE RATE OF THE GLASS OR SYNTHETIC FIBERS SHALL BE THE DOSAGE RATE RECOMMENDED BY THE MANUFACTURER OF THE GLASS OR SYNTHETIC FIBERS. ALL WORK INVOLVING THE CONSTRUCTION OF THE CONCRETE PAD FOR THE SIGNAL CONTROLLER CABINET WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTROLLER CABINET PAY ITEM.
4. FOUNDATIONS SHALL BE LOCATED TO PROVIDE 34-INCH MINIMUM CLEARANCE BETWEEN FACE-OF-CURB AND ANY PORTION OF THE CONTROLLER CABINET.
5. IN UNPAVED AREAS, THE TOP FOUNDATION FOR MODELS 332 - 334 CONTROLLER CABINETS SHALL BE THREE (3) INCHES ABOVE SURROUNDING GRADE.
6. FIBERGLASS BASE DIMENSIONS SHOWN VARY PER MANUFACTURER'S SPECIFICATIONS.

FOUNDATION DETAILS

FOR MODEL 332 THROUGH 334 CONTROLLER CABINETS

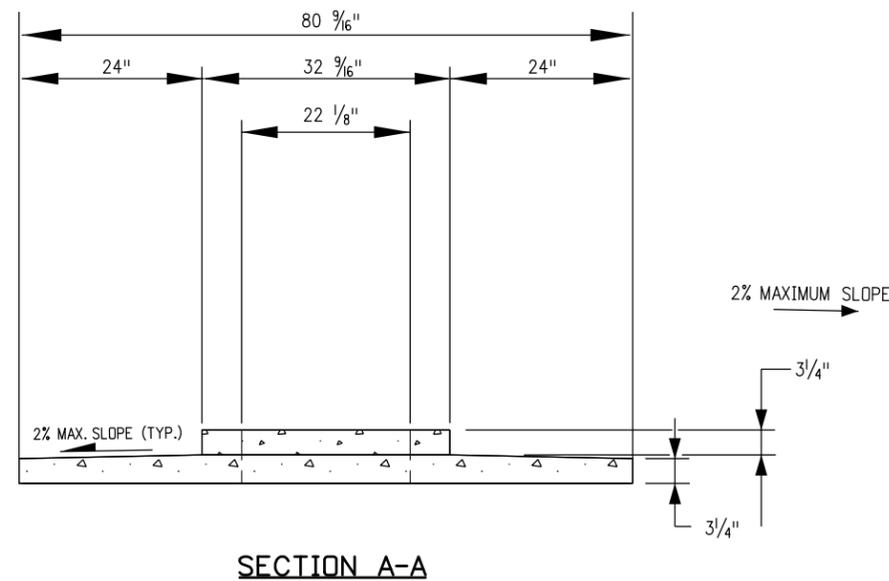
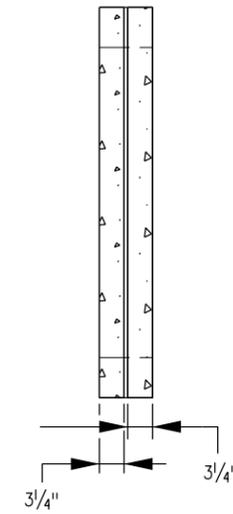
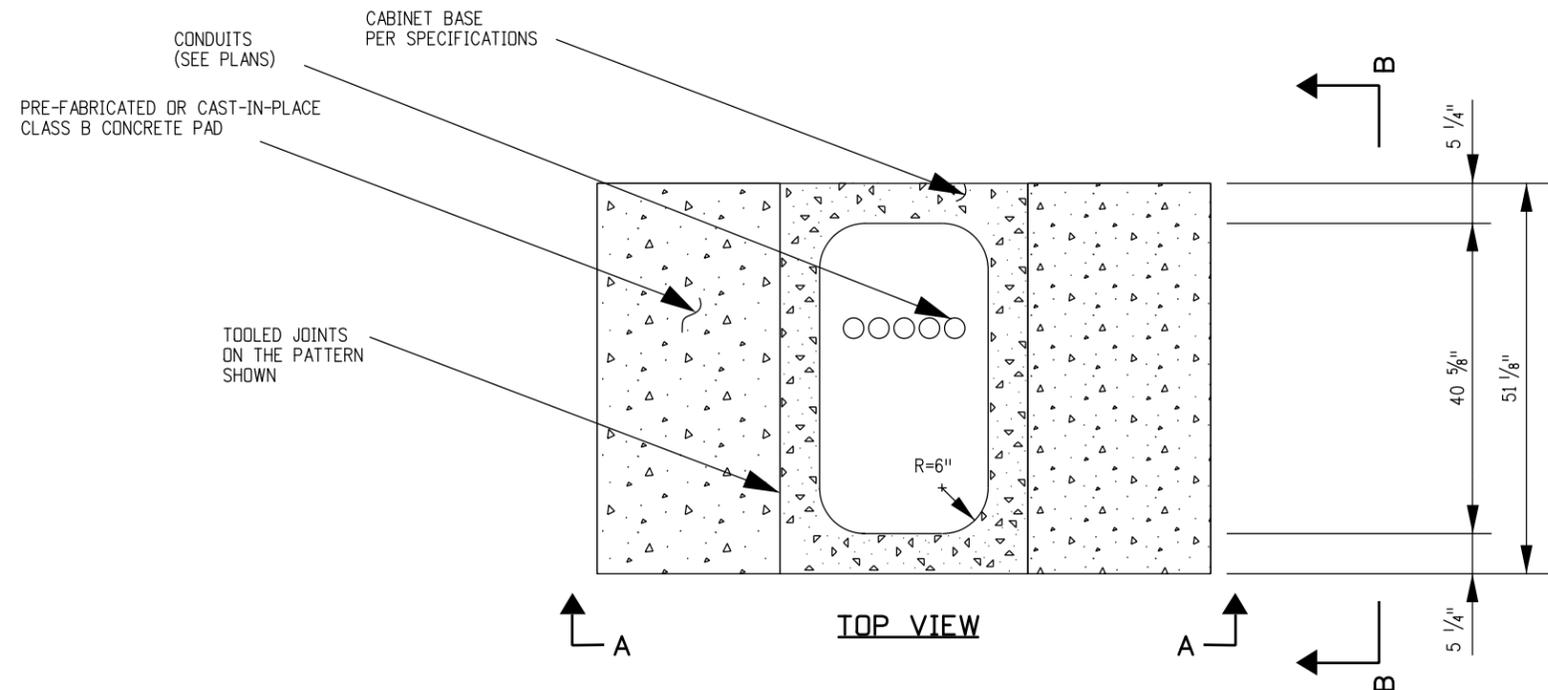
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FOUNDATION DETAILS
FOR MODEL 332D - 333JP CABINETS

CONCRETE PAD NOTES

1. CONTRACTOR SHALL INSTALL PRE-FABRICATED OR CAST-IN-PLACE CONCRETE PAD. SEE SPECIFICATION FOR MORE INFORMATION ON THE CONCRETE MATERIAL.
2. CONCRETE SHALL PLACE A 3/4-INCH THICK CONCRETE PAD (CAST-IN-PLACE OR PRE-FABRICATED), AS INDICATED IN THE DETAILS, OR AS DIRECTED BY THE ENGINEER. THE CONCRETE PAD SHALL SLOPE AWAY FROM THE FIBERGLASS BASE AT A MAXIMUM 2% SLOPE.
3. THE CONCRETE PAD SURROUNDING THE PRE-FABRICATED OR CAST-IN-PLACE BASE SHALL BE CLASS B MIX. GLASS OR SYNTHETIC FIBERS SHALL BE INCORPORATED INTO THE CONCRETE MIX. THE DOSAGE RATE OF THE GLASS OR SYNTHETIC FIBERS SHALL BE THE DOSAGE RATE RECOMMENDED BY THE MANUFACTURER OF THE GLASS OR SYNTHETIC FIBERS. ALL WORK INVOLVING THE CONSTRUCTION OF THE CONCRETE PAD FOR THE SIGNAL CONTROLLER CABINET WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRLLER CABINET PAY ITEM.
4. FOUNDATIONS SHALL BE LOCATED TO PROVIDE 34-INCH MINIMUM CLEARANCE BETWEEN FACE-OF-CURB AND ANY PORTION OF THE CONTROLLER CABINET.
5. IN UNPAVED AREAS, THE TOP FOUNDATION FOR MODELS 332D AND 333JP CONTROLLER CABINETS SHALL BE THREE (3) INCHES ABOVE SURROUNDING GRADE.
6. FIBERGLASS BASE DIMENSIONS SHOWN VARY PER MANUFACTURER'S SPECIFICATIONS.

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