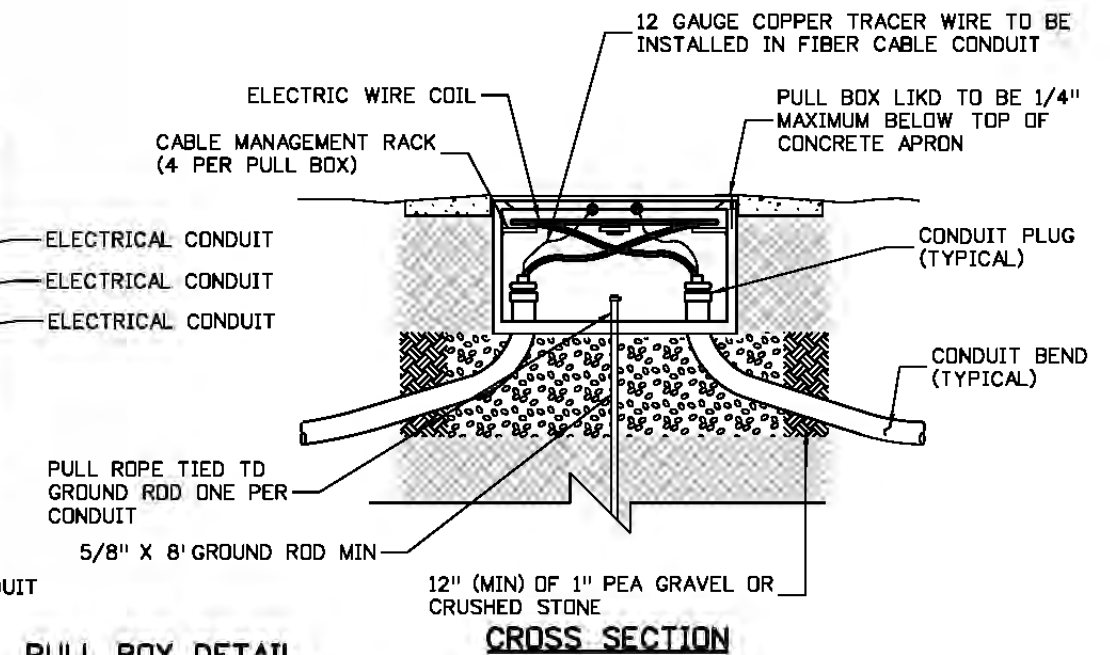
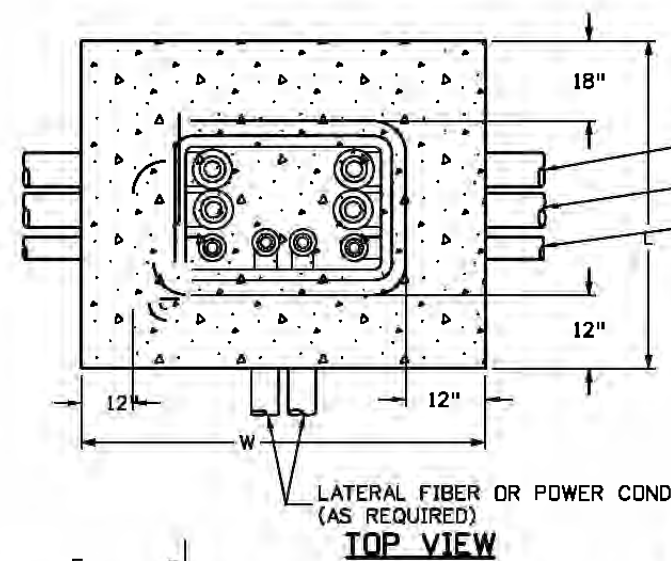
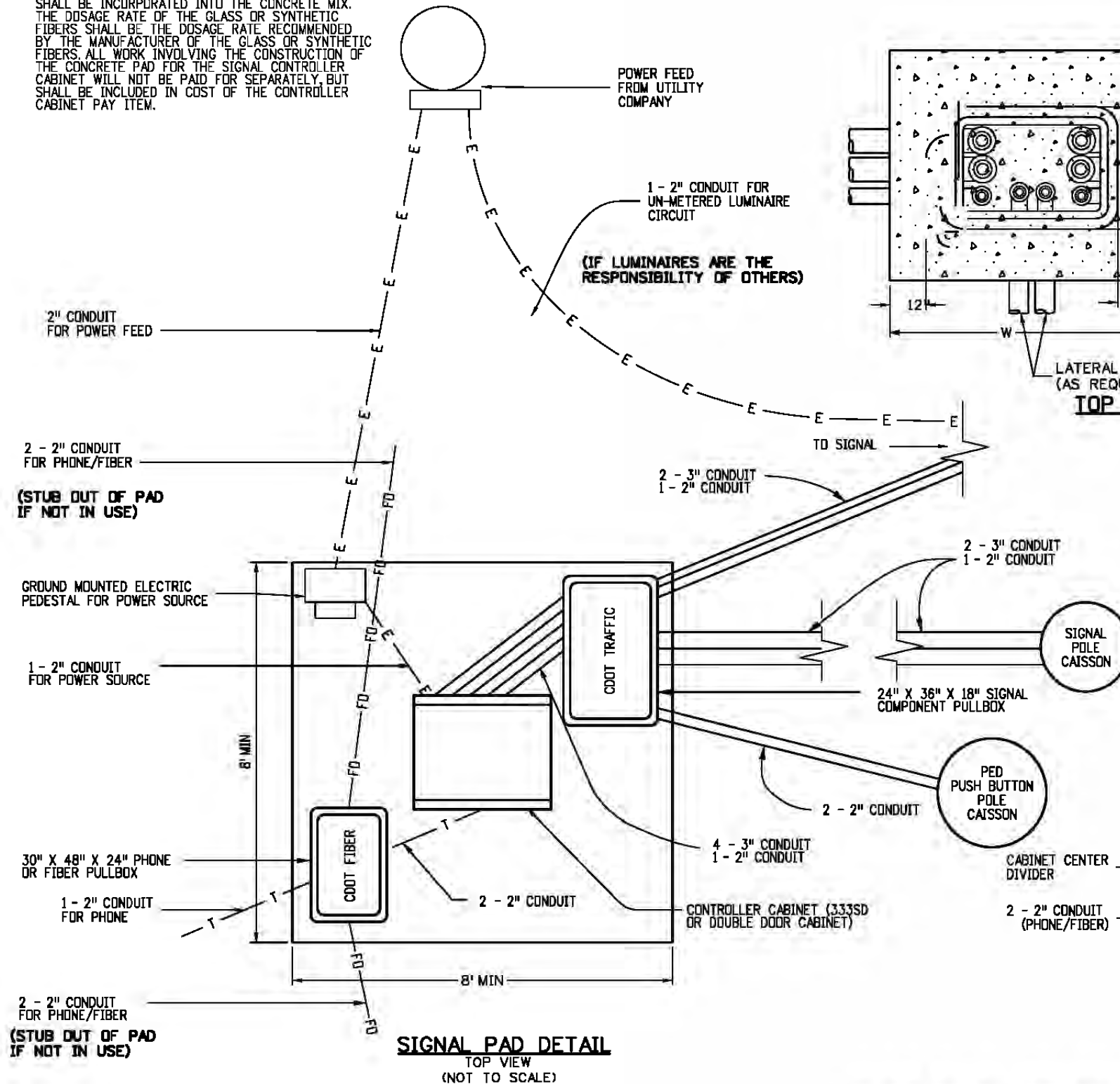
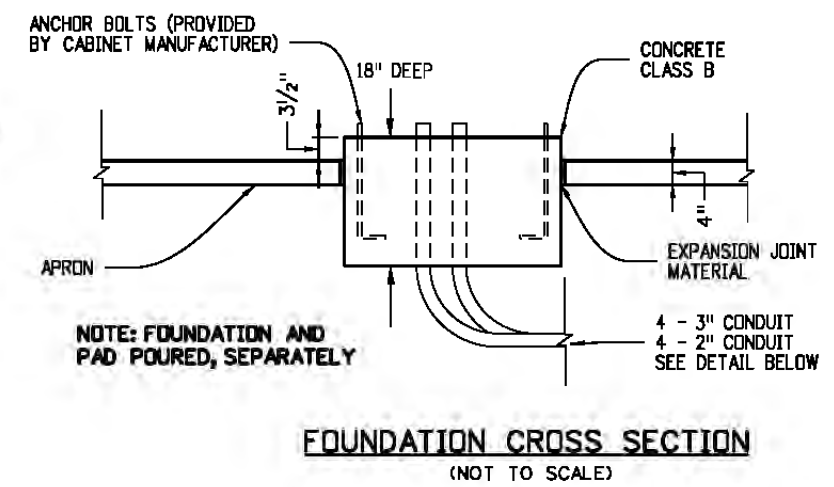
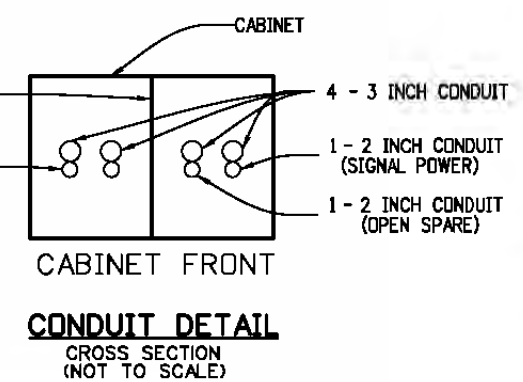
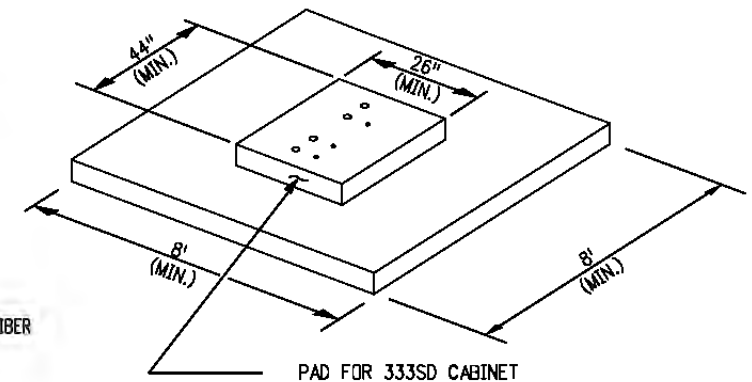


THE CONCRETE PAD SURROUNDING THE CABINET BASE SHALL BE CLASS B MIX. GLASS OR SYNTHETIC FIBERS SHALL BE INCORPORATED INTO THE CONCRETE MIX. THE DOSAGE RATE OF THE GLASS OR SYNTHETIC FIBERS SHALL BE THE DOSAGE RATE RECOMMENDED BY THE MANUFACTURER OF THE GLASS OR SYNTHETIC FIBERS. ALL WORK INVOLVING THE 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.

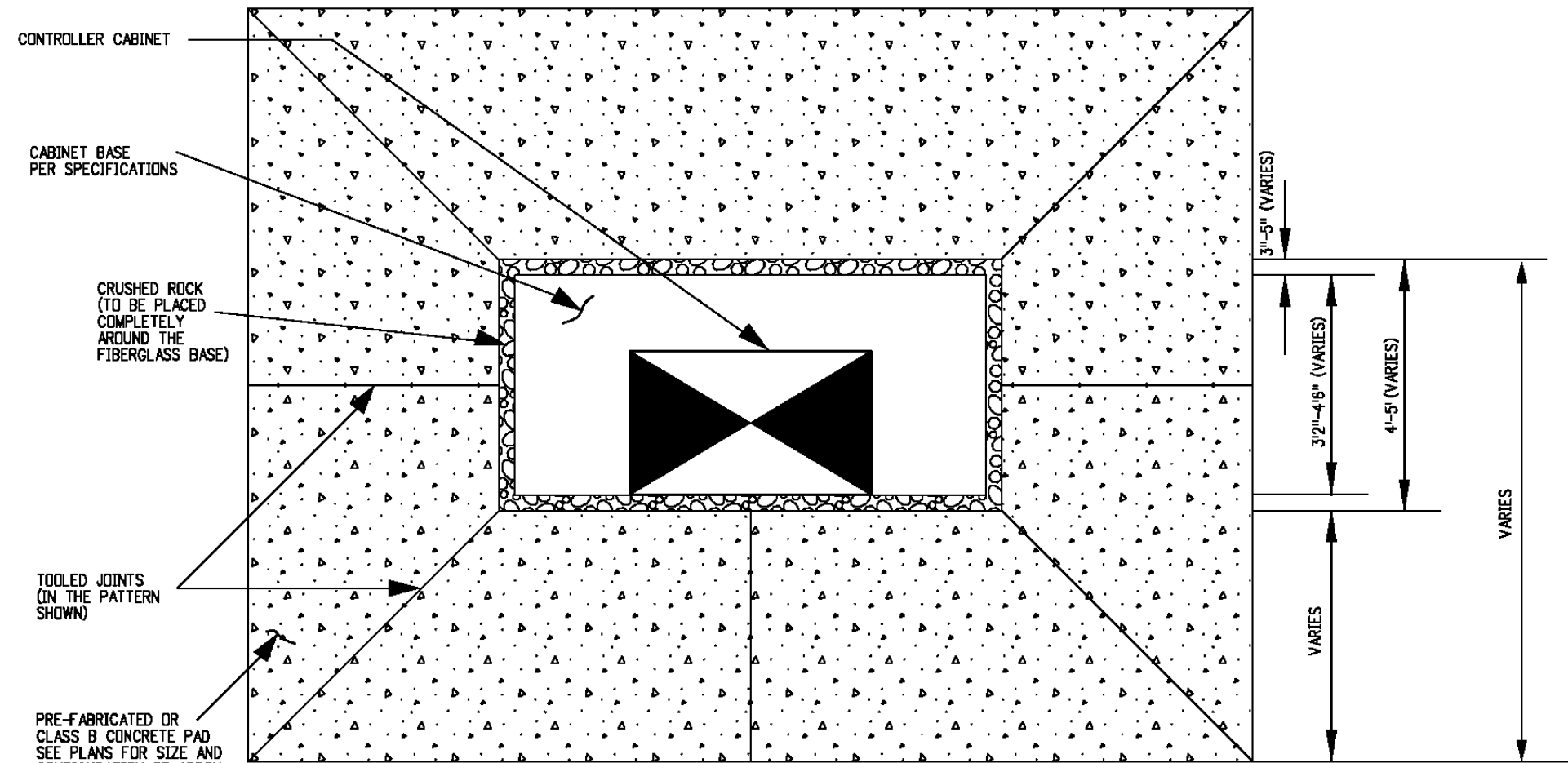


- PULL BOX NOTES**
1. CONDUIT CENTERLINE SHALL BE ALIGNED TO TOP EDGE OF PULL BOX TO FACILITATE CABLE PULLING.
  2. BED OF PEA GRAVEL OR CRUSHED STONE SHALL BE INCIDENTAL TO THE PULL BOX.
  3. ALL PULL BOXES SHALL HAVE 12-INCH WIDE BY 6-INCH DEEP CONCRETE APRONS SLOPED AWAY FROM THE PULL BOX. THE COST OF APRON IS INCIDENTAL TO THE COST OF THE PULL BOX.
  4. THE PULL BOX SHALL HAVE A DETACHABLE COVER WITH "CDOT TRAFFIC", "CDOT FIBER", OR "CDOT COMM" PHYSICALLY IMPRESSED ON ITS TOP.
  5. CONDUIT BEND NOTES:  
A. RADIUS MUST NOT BE LESS THAN 48" FOR CONDUIT CONTAINING FIBER  
B. SWEEP MUST NOT BE GREATER THAN 45 DEGREES



**CAST-IN-PLACE FOUNDATION**

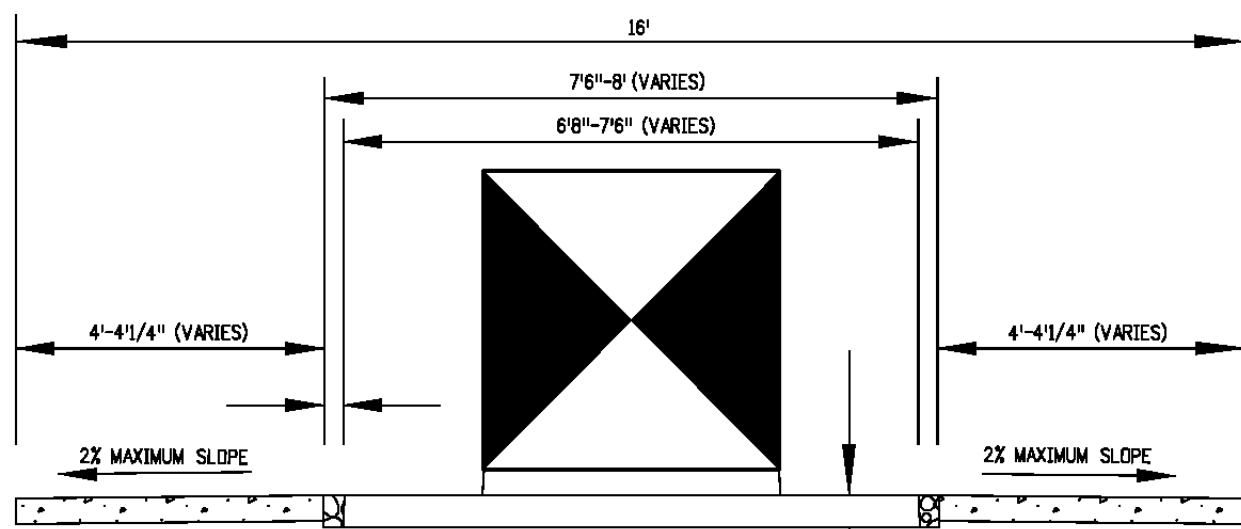
<b>Computer File Information</b>		<b>Sheet Revisions</b>		<b>Colorado Department of Transportation</b> 2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9436 FAX: 303-757-9219 <b>Troffic &amp; Safety Engineering</b>	<b>CABINET FOUNDATION DETAIL</b> Issued By: Traffic & Safety Engineering Branch July 31, 2019	<b>STANDARD PLAN NO.</b>	
Creation Date: 07/04/12		Date:	Comments:			S-614-42	
Created By: KEN						Standard Sheet No. 1 of 4	
Last Modification Date: 07/31/19						Project Sheet Number:	
Lost Modified By: AVU							
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English				<b>MKB</b>			



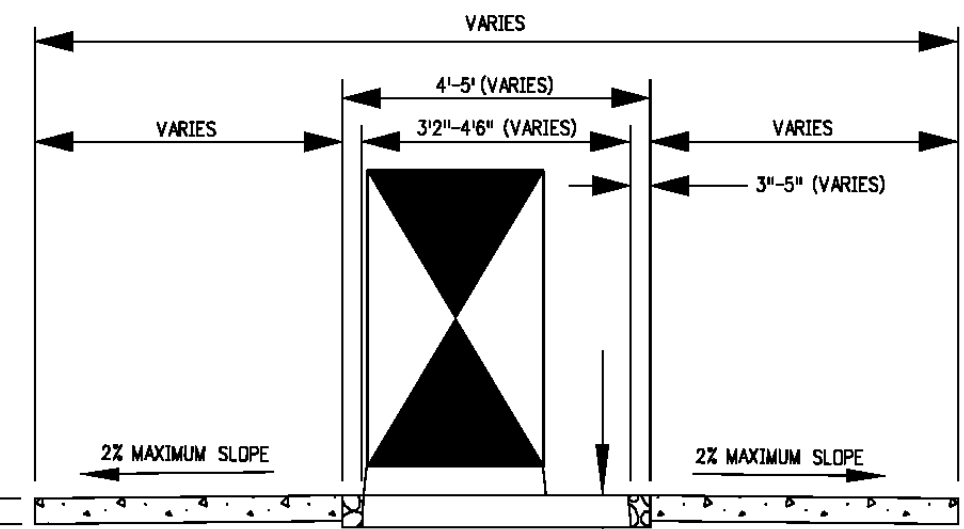
**CONCRETE PAD NOTES**

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. PRE-FABRICATED CONCRETE BASE DIMENSIONS SHOWN VARY PER MANUFACTURER'S SPECIFICATIONS.
5. 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**

Computer File Information	
Creation Date:	07/04/12
Created By:	KEN
Last Modification Date:	07/31/19
Last Modified By:	AVU
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	

Sheet Revisions	
Date:	Comments

Colorado Department of Transportation

2829 W. Howard Pl.  
Denver, CO 80204  
Phone: 303-757-9436  
FAX: 303-757-9219

**Troffic & Safety Engineering**      **MKB**

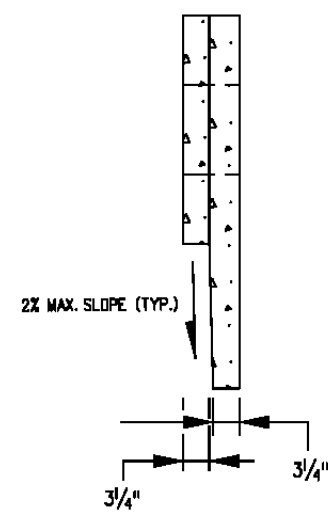
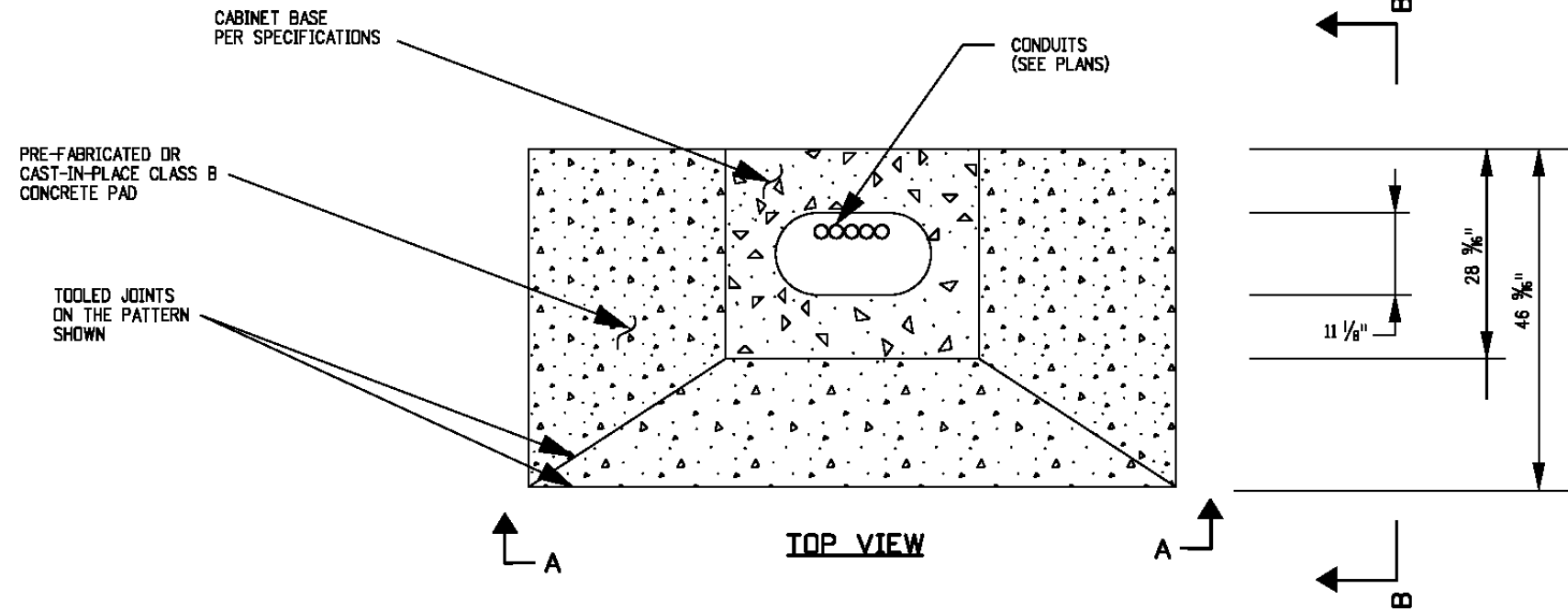
**CABINET FOUNDATION  
DETAIL**

Issued By: Traffic & Safety Engineering Branch July 31, 2019

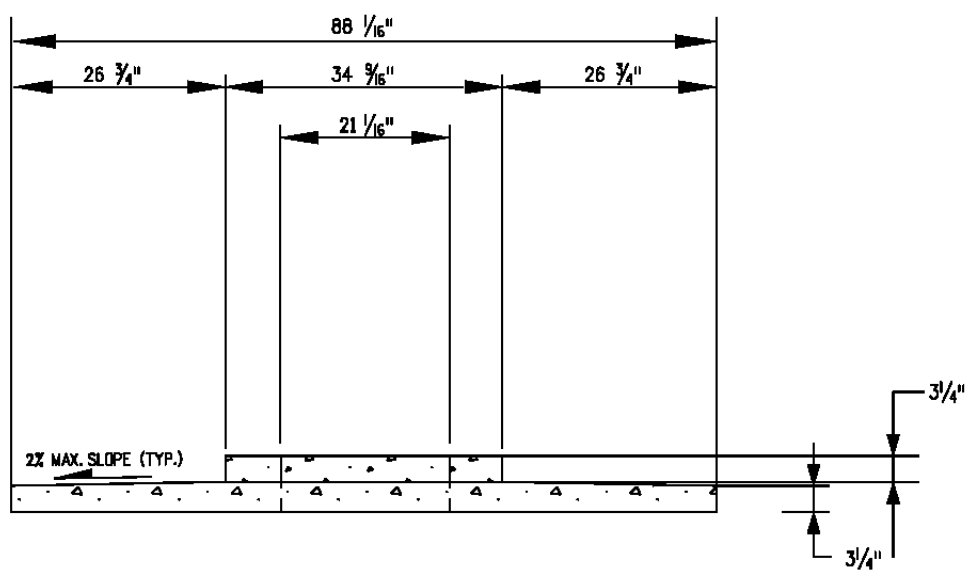
**STANDARD PLAN NO.**  
S-614-42

**Standard Sheet No. 2 of 4**

Project Sheet Number:



**SECTION B-B**




**SECTION A-A**

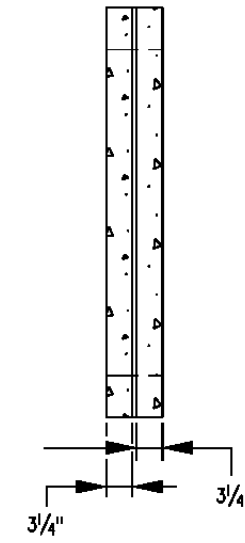
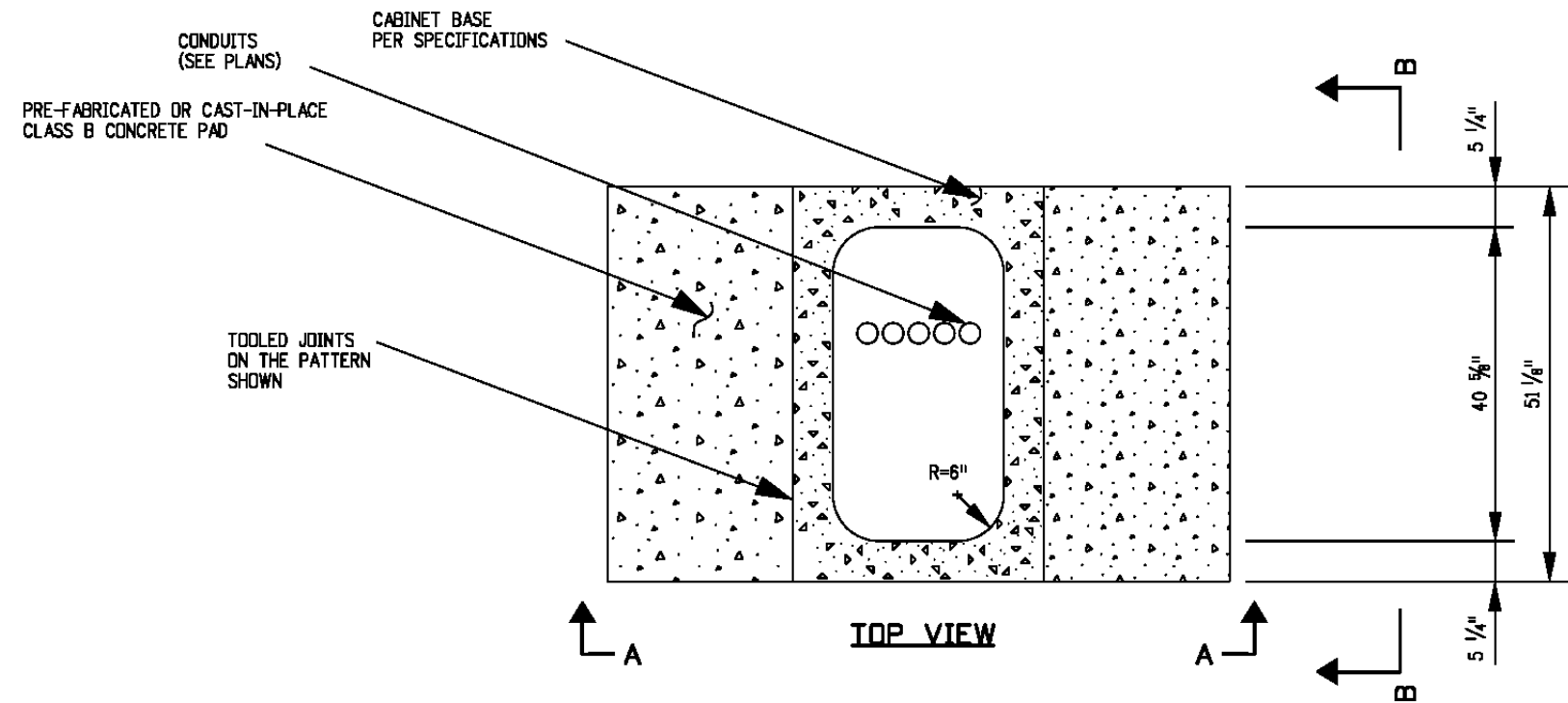
**CONCRETE PAD NOTES**

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.

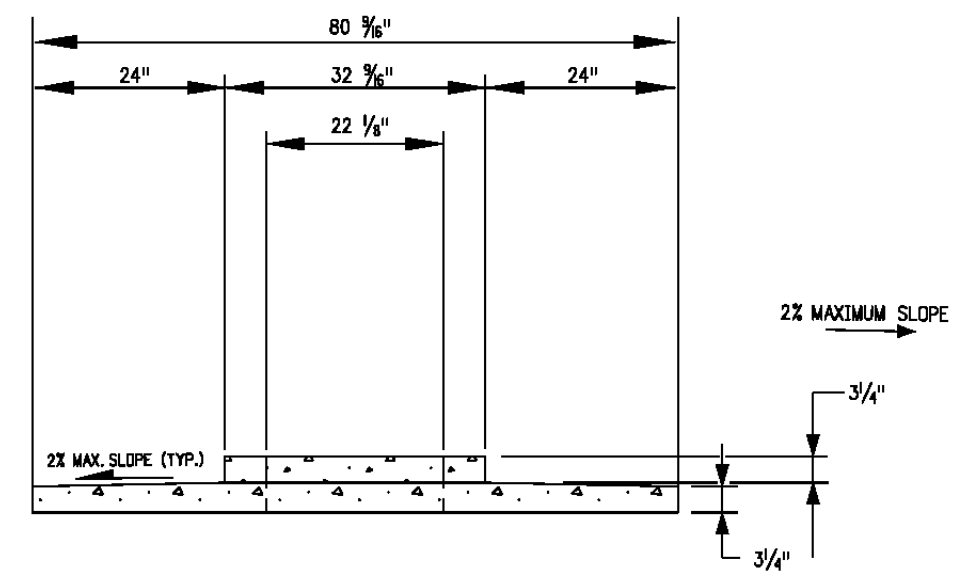
**FOUNDATION DETAILS**

FOR MODEL 332 THROUGH 334 CONTROLLER CABINETS

<b>Computer File Information</b>		<b>Sheet Revisions</b>		<b>Colorado Department of Transportation</b>  2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9436 FAX: 303-757-9219 <b>Troffic &amp; Safety Engineering</b>	<b>CABINET FOUNDATION DETAIL</b>	<b>STANDARD PLAN NO.</b>	
Creation Date: 07/04/12		Date:	Comments			S-614-42	
Created By: KEN						Standard Sheet No. 3 of 4	
Last Modification Date:						Project Sheet Number:	
Last Modified By:							
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English				<b>MKB</b>	Issued By: Traffic & Safety Engineering Branch July 31, 2019		



**SECTION B-B**



**SECTION A-A**

**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 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 332D AND 333JP CONTROLLER CABINETS SHALL BE THREE (3) INCHES ABOVE SURROUNDING GRADE.
6. FIBERGLASS BASE DIMENSIONS SHOWN VARY PER MANUFACTURER'S SPECIFICATIONS.

**FOUNDATION DETAILS**  
FOR MODEL 332D - 333JP CABINETS

<b>Computer File Information</b>		<b>Sheet Revisions</b>	<b>Colorado Department of Transportation</b>	<b>CABINET FOUNDATION DETAIL</b>		<b>STANDARD PLAN NO.</b>
Creation Date: 07/04/12		Date: _____	2829 W. Howard Pl. Denver, CO 80204 Phone: 303-757-9436 FAX: 303-757-9219	<b>CABINET FOUNDATION DETAIL</b>		S-614-42
Created By: KEN		Comments: _____				Standard Sheet No. 4 of 4
Last Modification Date: _____		_____				
Last Modified By: _____		_____				
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English			<b>Troffic &amp; Safety Engineering</b>	<b>MKB</b>		Issued By: Traffic & Safety Engineering Branch July 31, 2019 Project Sheet Number: _____