




STANDARD PMH9-AUTOMATIC SWITCH PAD		<i>Virginia Tech Electric Service</i> BLACKSBURG, VIRGINIA
DRAWN BY: V.K. GOYAL	DATE: 08-31-92	REV. DATE: 12-09-98
Detail Sheet 1 of 2		DRAWING NAME: PMH-9 AUTO

**NOTES:**

1. PAD THICKNESS 8" MINIMUM, ON 6" OF GRAVEL TO BE 6" ABOVE FINISH GRADE/FLOOR
2. FOR TRANSFORMER PAD REINFORCEMENT USE #4 REBAR ON 12" CENTERS.
3. VTES TO PROVIDE FIBERGLASS WELLS OF APPROPRIATE SIZE. WELL TO BE INSTALLED WITH TOP FLUSH WITH THE PAD.
4. PROVIDE 8' CLEAR WORKING SPACE IN FRONT OF TRANSFORMER DOORS AND 2' OF ACCESS SPACE ON FRONT AND SIDES.

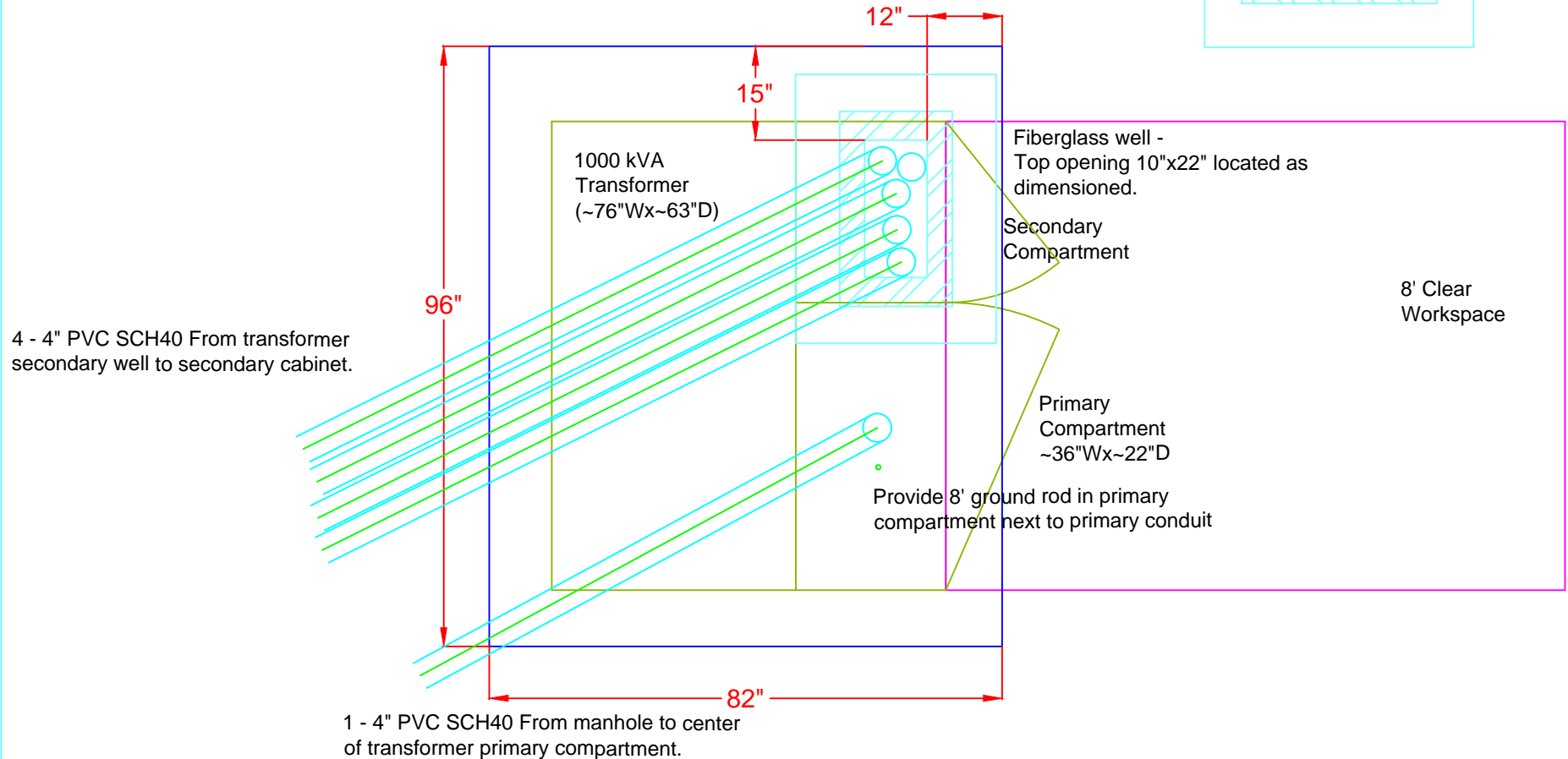
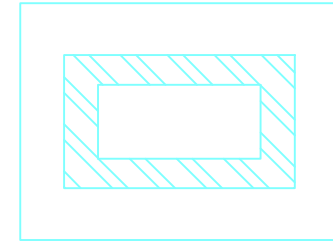
**LEGEND:**

- PAD / WALL / FENCE (BLUE) 
- WORKSPACE (MAGENTA) 
- EQUIPMENT (DARK GREEN) 

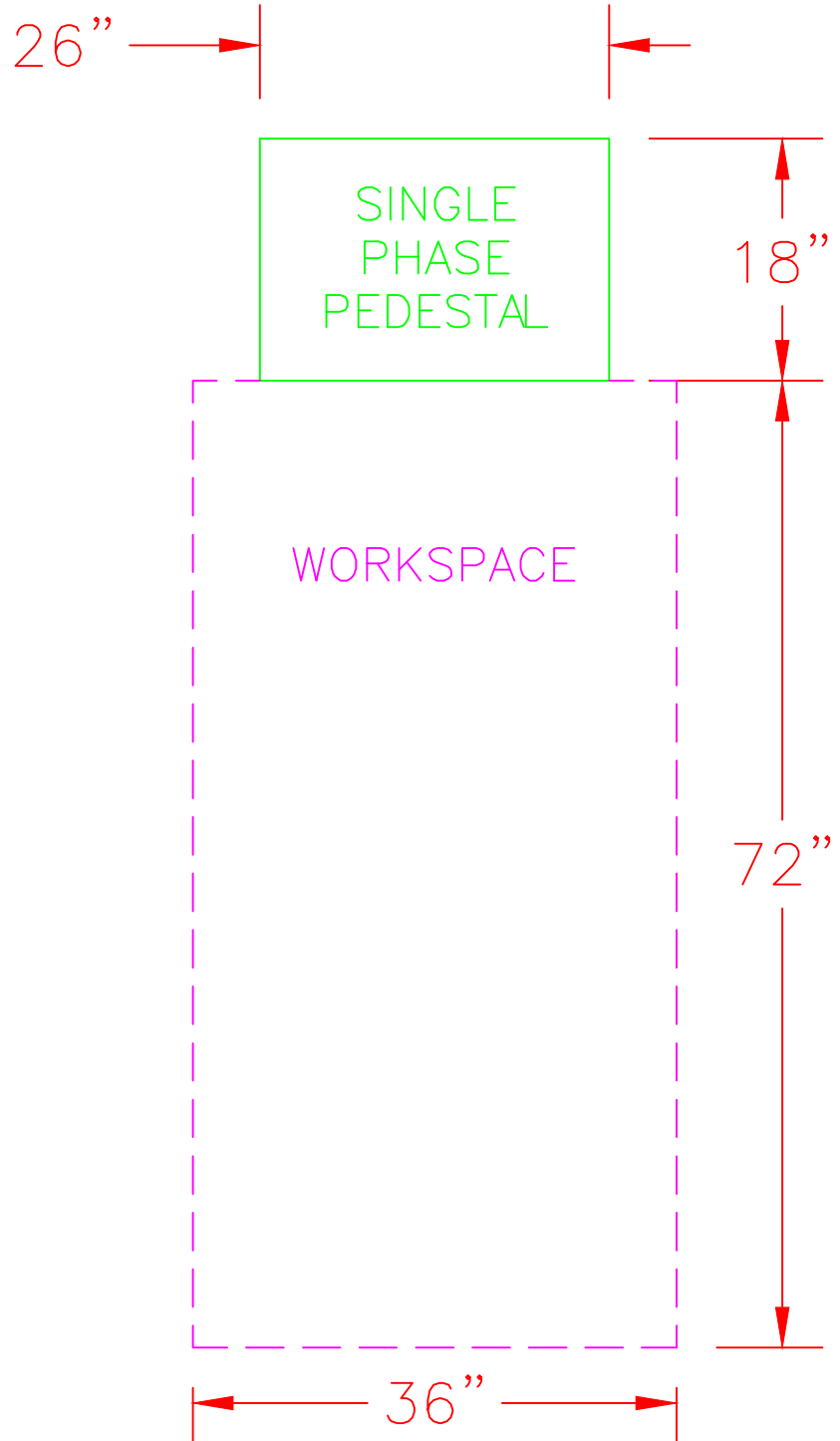
CONDUIT  
(W/ 90 UP BOTH ENDS)



FIBERGLASS WELL  
(TOP SHOWN HATCHED)



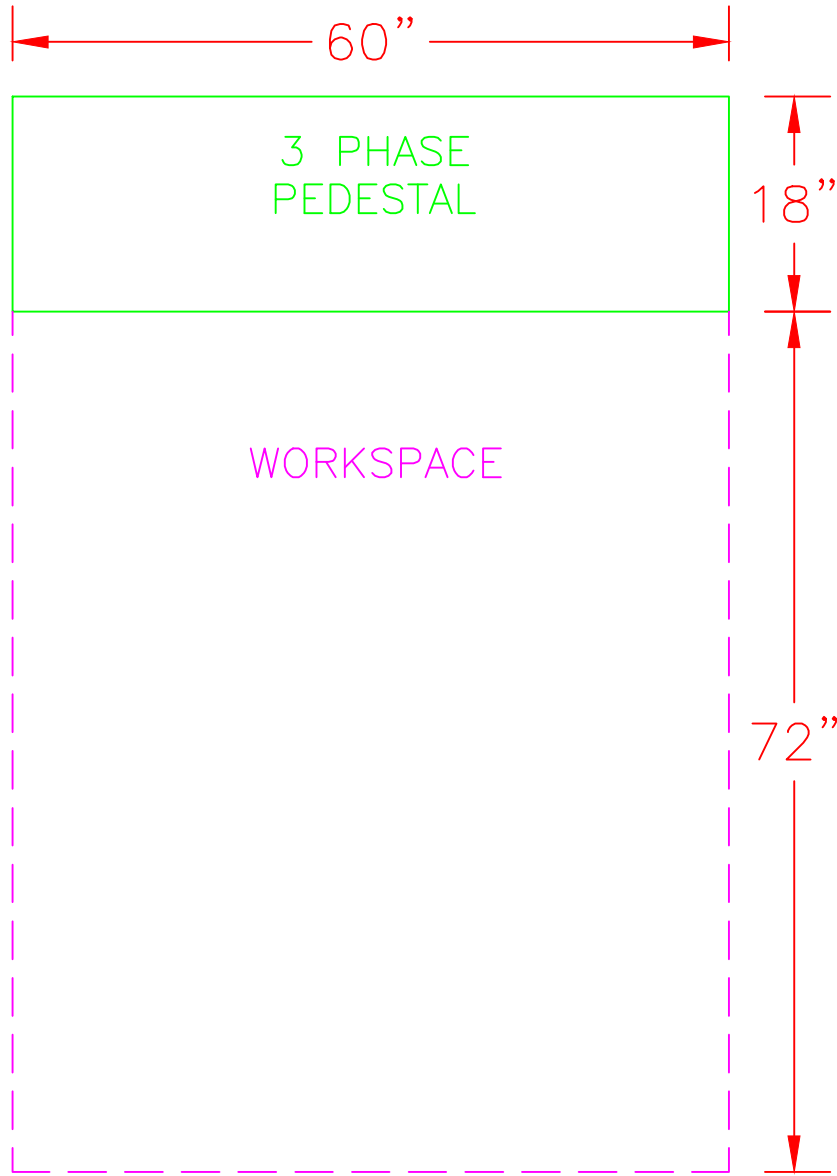
STANDARD PMH9-AUTOMATIC SWITCH PAD		<i>Virginia Tech Electric Service</i> BLACKSBURG, VIRGINIA
DRAWN BY: V.K. GOYAL	DATE: 08-31-92	REV. DATE: 12-09-98
Detail Sheet 2 of 2		DRAWING NAME: PMH-9 AUT



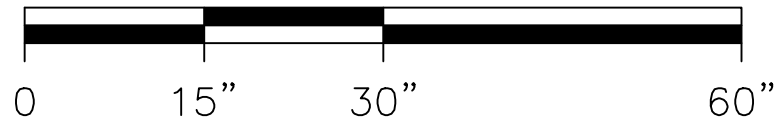
SCALE



SINGLE PHASE PEDESTAL		<i>Virginia Tech Electric Service</i> BLACKSBURG, VIRGINIA
DRAWN BY: A.T.HUNT	DATE: 9/21/2007	REV. DATE:
COMMENT		DRAWING NAME: 1 PHASE PED



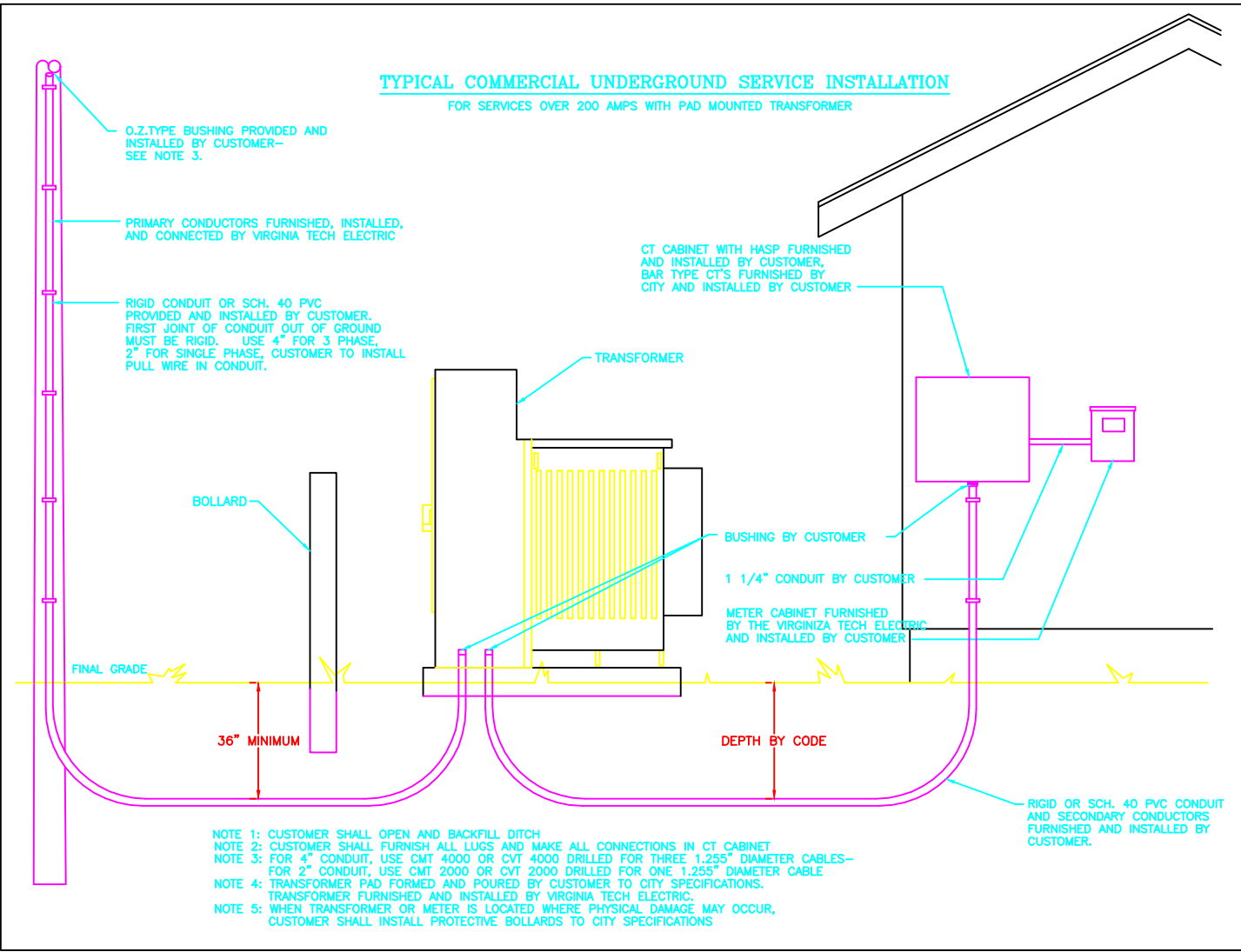
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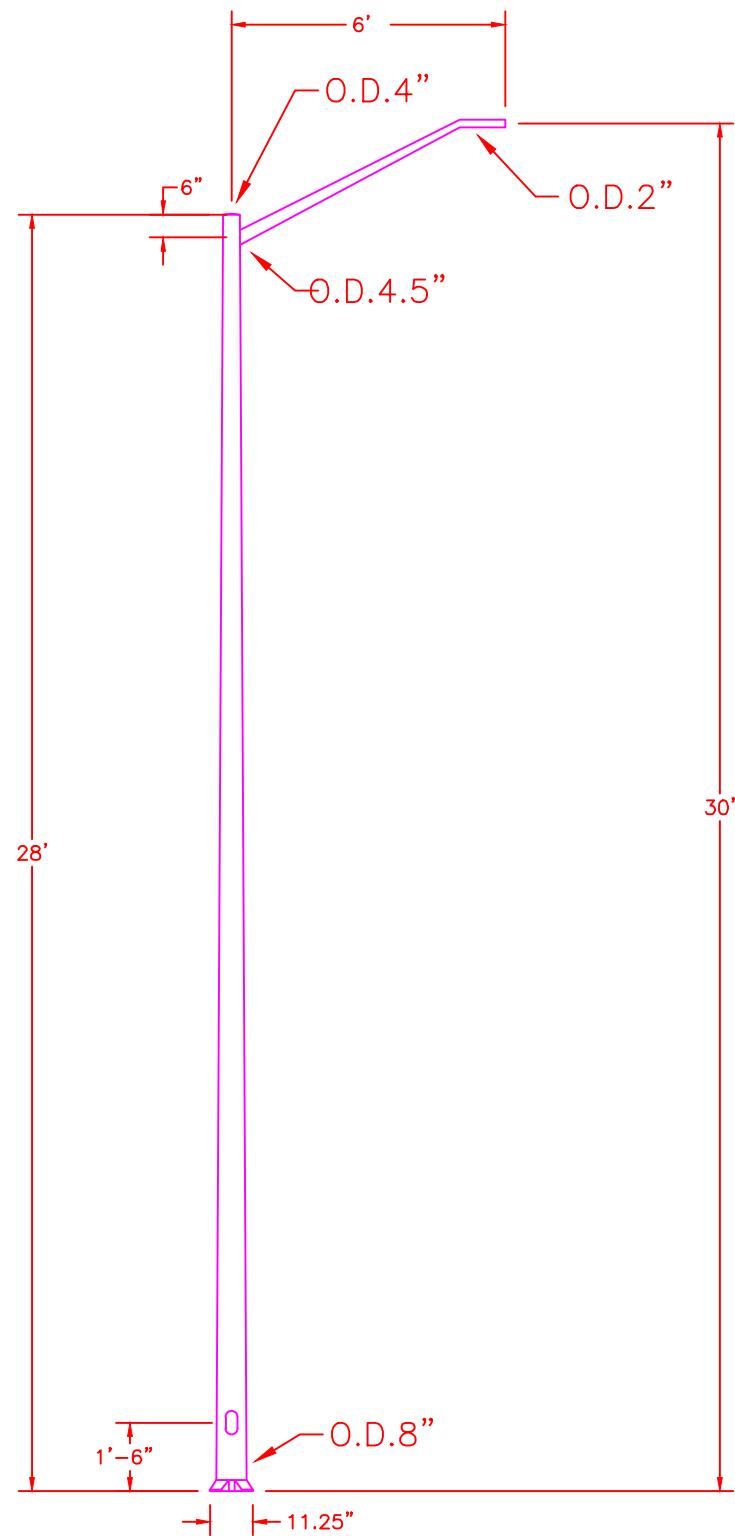
3 PHASE PEDESTAL		<i>Virginia Tech Electric Service</i> BLACKSBURG, VIRGINIA
DRAWN BY: A.T.HUNT	DATE: 9/21/2007	REV. DATE:
COMMENT		DRAWING NAME: 3 PHASE PED

### TYPICAL COMMERCIAL UNDERGROUND SERVICE INSTALLATION

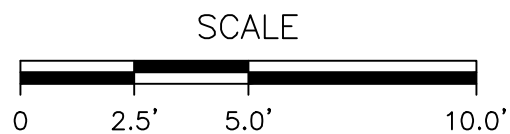
FOR SERVICES OVER 200 AMPS WITH PAD MOUNTED TRANSFORMER



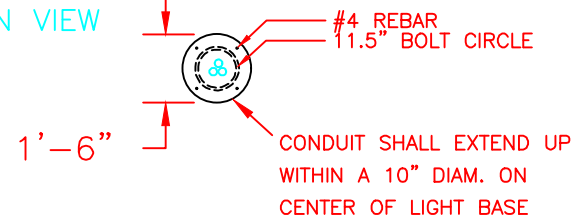
- NOTE 1: CUSTOMER SHALL OPEN AND BACKFILL DITCH
- NOTE 2: CUSTOMER SHALL FURNISH ALL LUGS AND MAKE ALL CONNECTIONS IN CT CABINET
- NOTE 3: FOR 4" CONDUIT, USE CMT 4000 OR CVT 4000 DRILLED FOR THREE 1.255" DIAMETER CABLES— FOR 2" CONDUIT, USE CMT 2000 OR CVT 2000 DRILLED FOR ONE 1.255" DIAMETER CABLE
- NOTE 4: TRANSFORMER PAD FORMED AND POURED BY CUSTOMER TO CITY SPECIFICATIONS.
- NOTE 5: TRANSFORMER FURNISHED AND INSTALLED BY VIRGINIA TECH ELECTRIC.
- NOTE 5: WHEN TRANSFORMER OR METER IS LOCATED WHERE PHYSICAL DAMAGE MAY OCCUR, CUSTOMER SHALL INSTALL PROTECTIVE BOLLARDS TO CITY SPECIFICATIONS



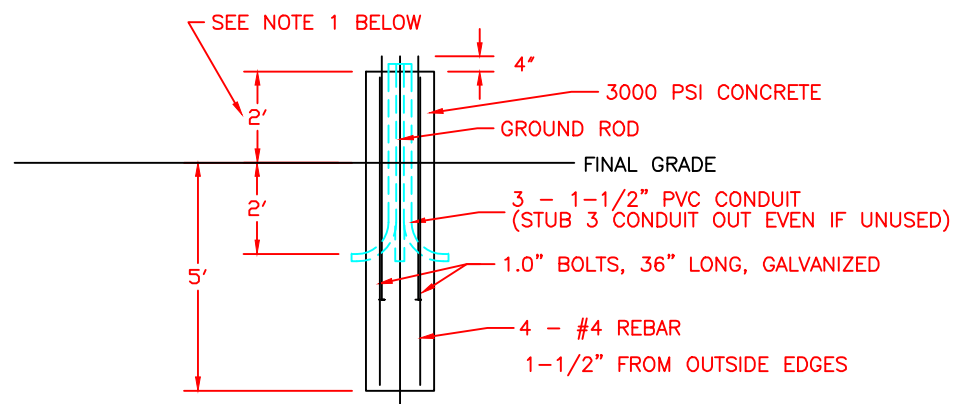
HAPCO # 21-585



BOLT CIRCLE PLAN VIEW



ELEVATION

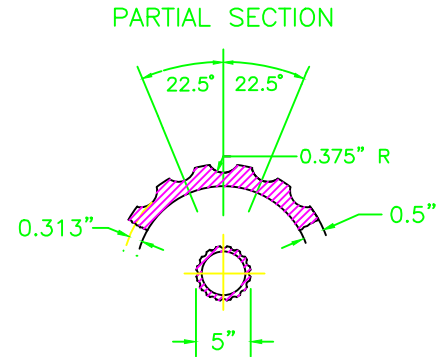
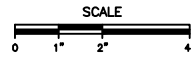
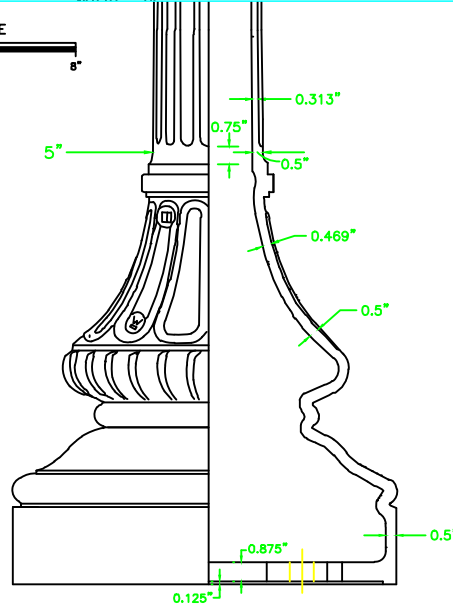
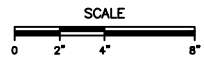
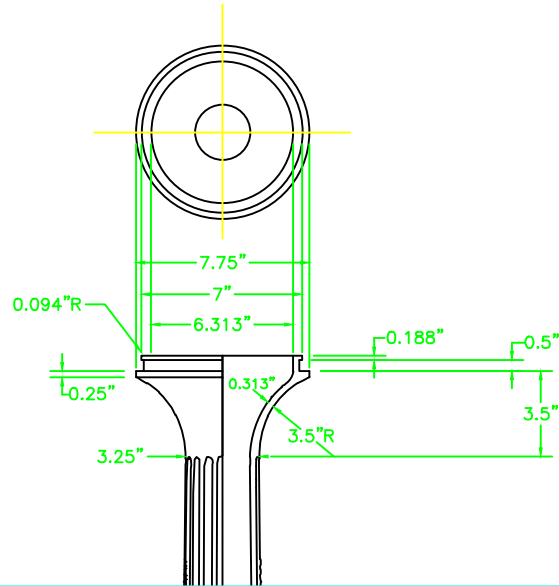
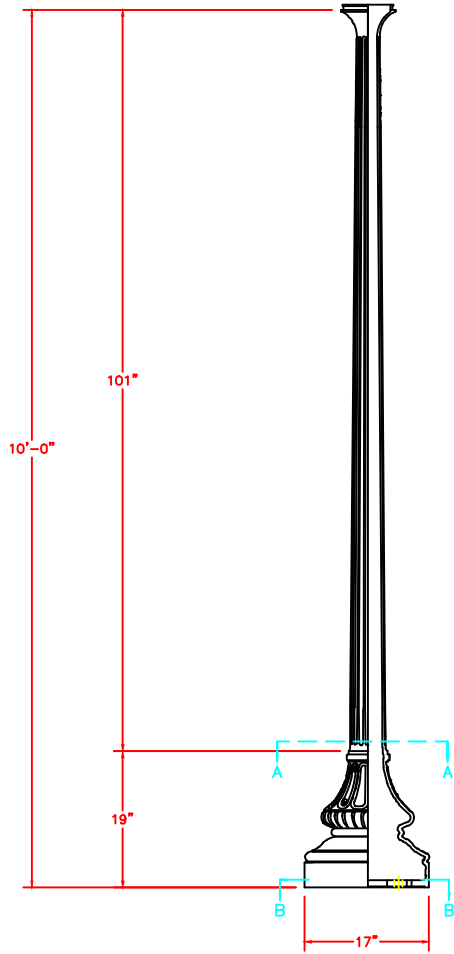
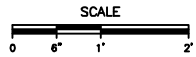


NOTES:

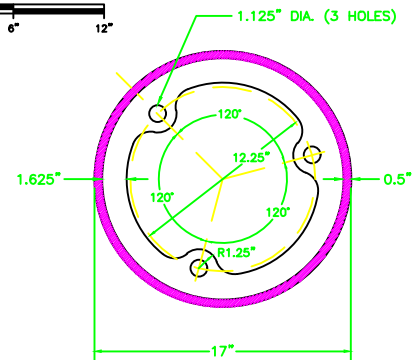
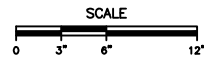
1. FOR CURBSIDE INSTALLATION TOP OF BASE IS AT FINAL GRADE. FOR EXPOSED PARKING LOT INSTALLATION TOP OF BASE IS 2'-0" ABOVE FINAL GRADE.
2. VIRGINIA TECH ELECTRIC SERVICE SHALL SUPPLY ANCHOR BOLTS, BOLT PATTERN, AND TEMPLATE AT TIME OF CONSTRUCTION.
3. CONTRACTOR SHALL SUPPLY AND INSTALL CONDUIT, PULL WIRES, AND LIGHT BASES AS SHOWN ON PLANS.
4. VIRGINIA TECH ELECTRIC SERVICE SHALL PROVIDE AND INSTALL 30' ALUMINUM POLES AND COBRA HEAD FIXTURES.

REVISIONS		
DATE	DESCRIPTION	BY
07-17-96	Updated notes and dims.	RLD

<p>TYPICAL ALUMINUM POLE PLAN &amp; ELEVATION</p>		<p><i>Virginia Tech Electric Service</i> BLACKSBURG, VIRGINIA</p>	
		<p>DRAWN BY: SRAVAN SRIHARAN</p>	<p>DATE: 11-25-91</p>



SECTION A-A



SECTION B-B

REVISIONS		
DATE	DESCRIPTION	BY
03-16-93	COMPUTER DRAW	SS

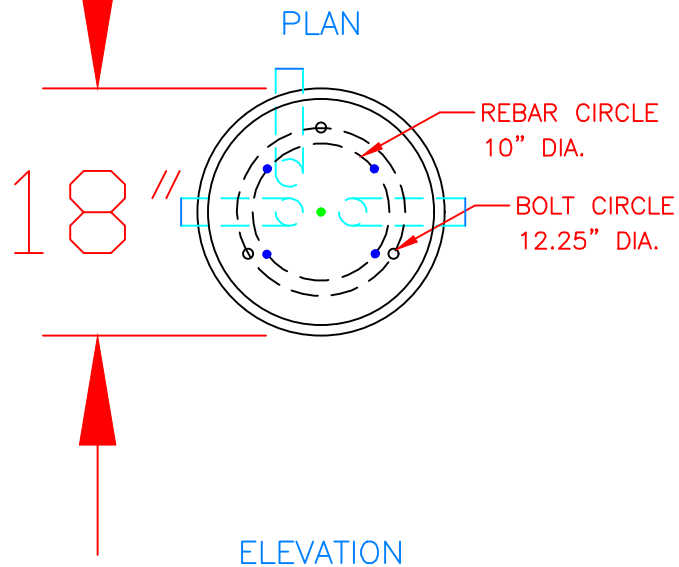
CAMPUS ST. LIGHTING  
HOKIE CAST IRON  
ELEVATION & DETAILS

Virginia  
Tech  
Electric  
Service  
BLACKSBURG, VIRGINIA

DRAWN BY: SRAWAN SINGHANI DATE: 4-9-28

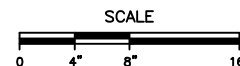
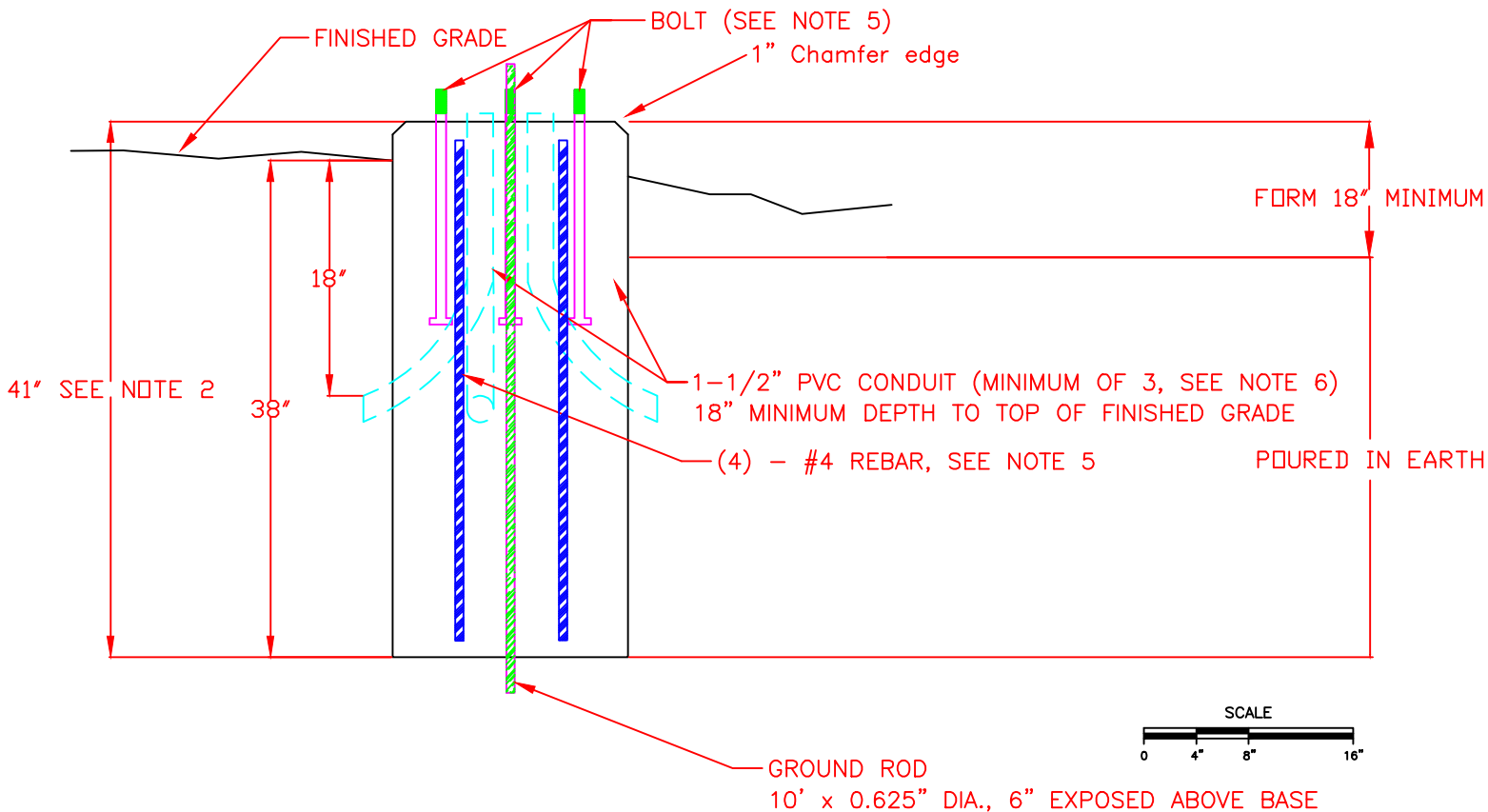
REV. DATE: 03-16-93

DRAWING NAME: STLA1001



NOTES:

1. CONTRACTOR SHALL SUPPLY AND INSTALL CONDUIT, PULL STRINGS, AND LIGHT BASES AS SHOWN ON PLANS.
2. THE TOP OF THE BASE SHALL EXTEND AT LEAST 5 INCHES ABOVE THE HIGHEST POINT OF FINISHED GRADE AT THE POLE. IF IMMEDIATELY ADJACENT TO A SIDEWALK IT SHALL EXTEND THREE INCHES ABOVE THE WALK.
3. THE TOP OF THE BASE SHALL BE LEVEL AND SMOOTH AND AT LEAST THE UPPER 18" SHALL BE FORMED. PROVIDE A 1" CHAMFER ON THE EDGE.
4. CONDUIT AND GROUND ROD SHALL EXTEND UP WITHIN A 8" DIA. CIRCLE ON THE CENTER OF THE LIGHT BASE.
5. ANCHORS BOLTS ARE 5/8 x 13" LONG AND SHALL EXTEND 3 INCHES ABOVE THE BASE. CONTRACTOR TO INSTALL (4) #4 REBAR VERTICALLY WITH TOPS 2" BELOW CONCRETE SURFACE DURING BASE INSTALLATION. VTES TO PROVIDE ANCHORS, AND TEMPLATE.
6. PROVIDE AT LEAST ONE SPARE CONDUIT STUBBED OUT OF BASE, WITH A MINIMUM OF THREE CONDUIT PER BASE.



REVISIONS			
DATE	DESCRIPTION	BY	
06-05-17	NOTE/CONDUIT CHANGE	SFH	
03-18-93	COMPUTER DRAWN	SS	
05-16-08	Updated Notes	RLD	

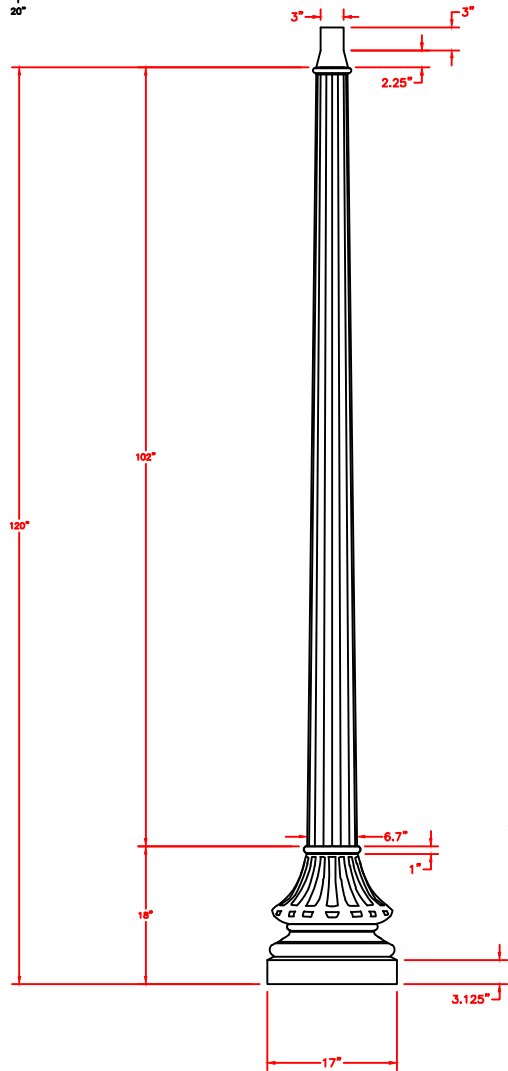
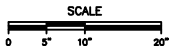
CAMPUS ST. LIGHTING  
HOKIE BASE  
PLAN & ELEVATION

Virginia  
Tech  
Electric  
Service  
BLACKSBURG, VIRGINIA

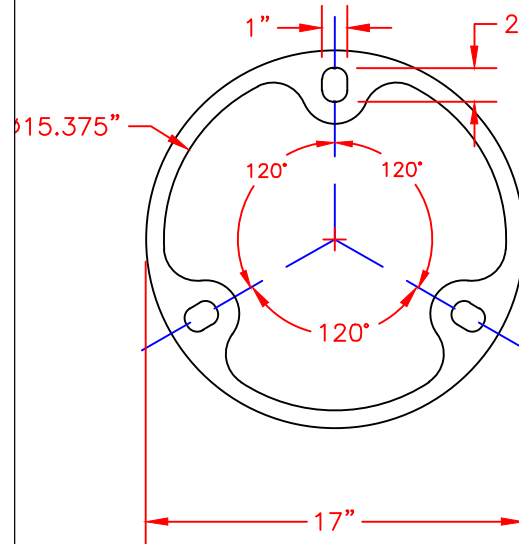
DRAWN BY: SRAVAN SRINIHARAN DATE: 03-18-93 REV. DATE: 05-16-2008

DRAWING NAME: STLA1002

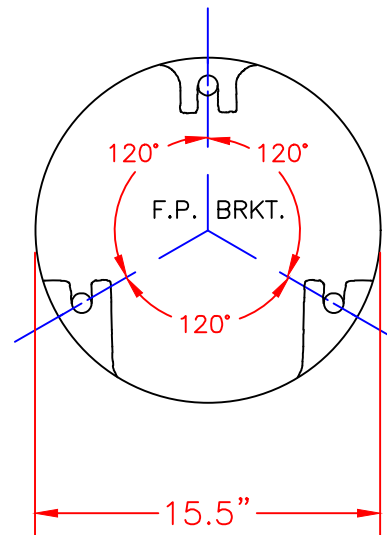




BASE OF BROWN STANDARD



BASE OF BLACK STANDARD

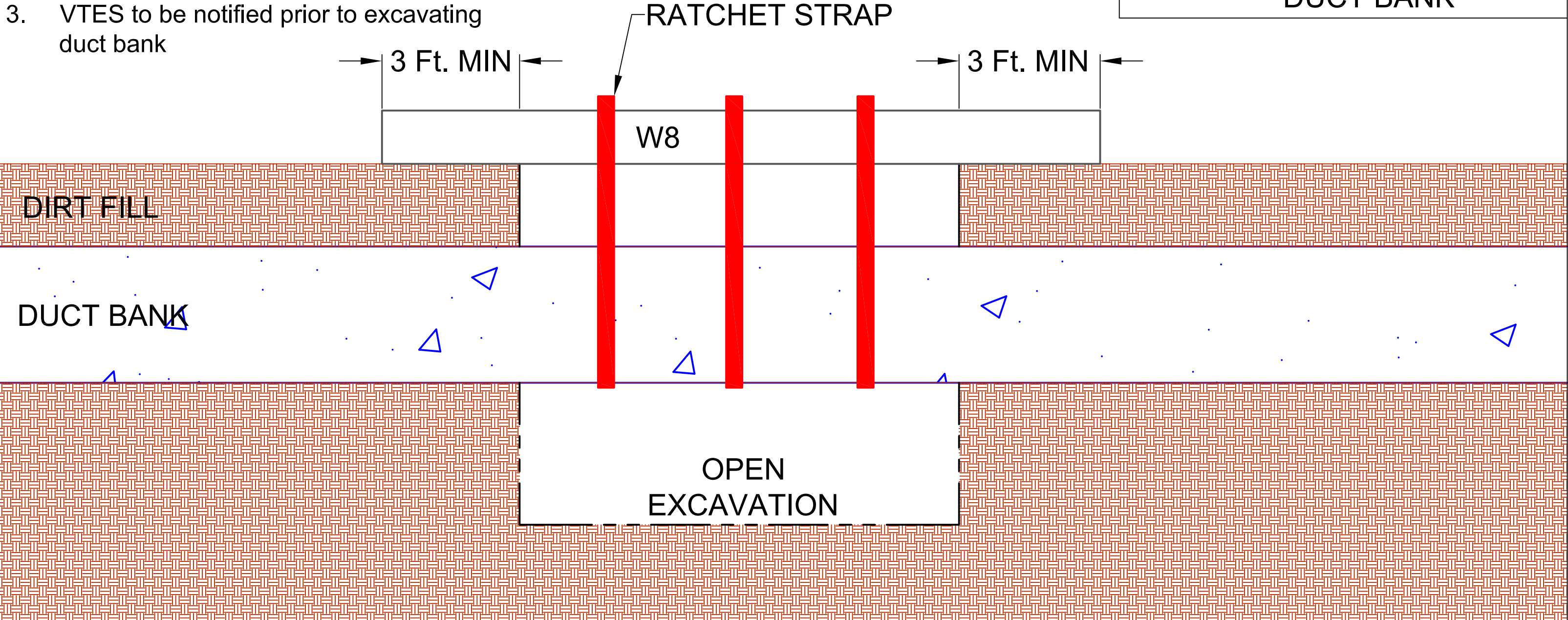
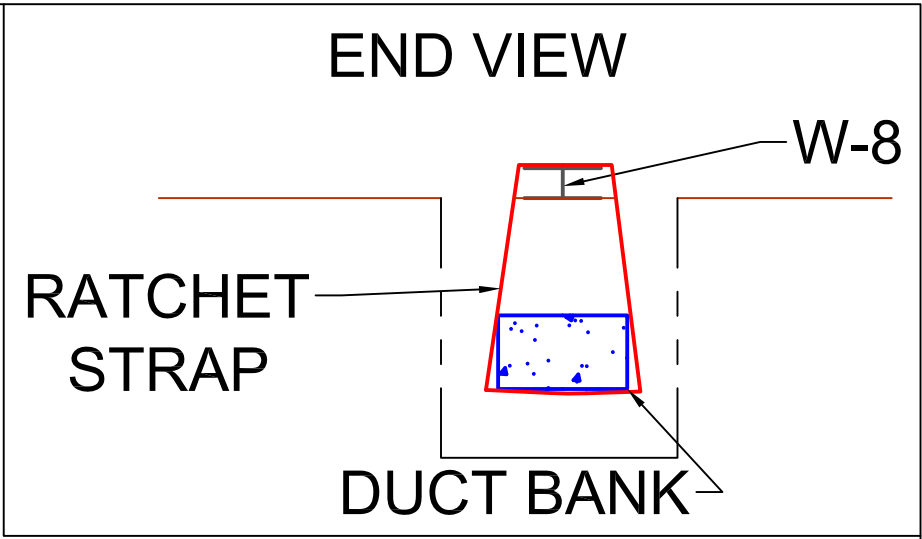


REVISIONS		
DATE	DESCRIPTION	BY
04-19-93	COMPUTER DRAWING	SS

STREET LIGHTING HOKIE FIBERGLASS ELEVATION & BASE		<i>Virginia Tech</i> <b>Electric Service</b> BLACKSBURG, VIRGINIA
DRAWN BY: SRWAN SRIRAM	DATE: 04-09-93	
REV. DATE: 04-19-93		DRAWING NAME: STL1003

**NOTES:**

1. Place W8 across span of exposed duct bank section, extend 3 foot minimum past sidewall of excavation on each side
2. 2 inch heavy duty (10,000 lb rated) ratchet strap every 3 foot supporting duct bank
3. VTES to be notified prior to excavating duct bank



EXPOSED DUCT BANK SUPPORT REQUIREMENTS		<i>Virginia Tech Electric Service</i> BLACKSBURG, VIRGINIA
DRAWN BY: GS RUPPERT	DATE: 09-13-19	REV. DATE:
		DRAWING NAME: