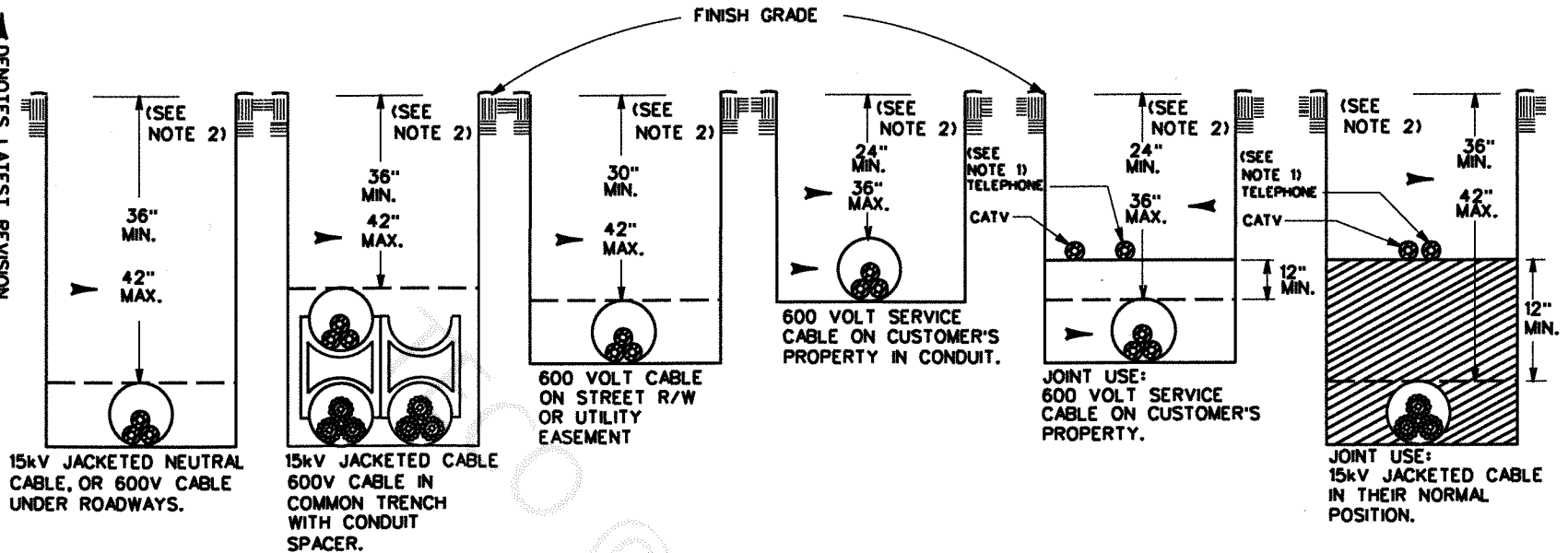


KLM  
 NGR-STD'S  
 APPR. DATE  
 SUPERVISORS

6-21-01  
 1-43/2-15-96

TRENCHING FOR UNDERGROUND CABLES

▲ DENOTES LATEST REVISION



NOTES:

- ▶ 1. JOINT USE TRENCHING MAY ONLY BE USED FOR SPECIAL APPLICATIONS WITH PRIOR APPROVAL FROM A MANAGER E.D.FIELD CONSTRUCTION AND WITH ADVANCE COORDINATION AGREEMENT WITH ALL JOINT USERS.
- ▶ 2. DIMENSIONS SHOULD BE CALCULATED FROM FINISH GRADE OR THAT GRADE PROVIDED BY CONTRACTOR OR DEVELOPER.
- ▶ 3. ALL CABLES SHALL BE INSTALLED IN CONDUIT.
- ▶ 4. GALVANIZED STEEL CONDUIT SHALL BE USED WHEN JACKING CONDUIT UNDER EXISTING ROADWAYS. 4" AND 6" PVC CAN BE BORED UNDER ROADWAYS WITH APPROVAL FROM APPROPRIATE GOVERNMENT AGENCY.
- ▶ 5. MAXIMUM DEPTH TO TOP OF CONDUIT SHALL BE 42" ON ROAD RIGHT-OF-WAY UNLESS SPECIFIED BY TAMPA ELECTRIC PERSONNEL.
- ▶ 6. ALL SERVICES ON CUSTOMERS PROPERTY SHALL BE NO DEEPER THAN 36" (INCHES).
- ▶ 7. THE FOLLOWING GUIDE MAY BE USED FOR SELECTING THE PROPER CONDUIT SIZE.

CONDUIT SIZE	15 kV PRIMARY CABLE	600V SEC./SVC. CABLE	600V STREET LIGHT CABLE
2"	1-1/0 AL	*2/0-AL, 10 /OR 30/	*10 3/C-*4 STR.
3"		*4/0-AL, 10 /OR 30/	
4"	3-1/0 AL	*500MCM AL, 10/OR 30/	
4"	3-4/0 AL		
6"	3-1000MCM AL		