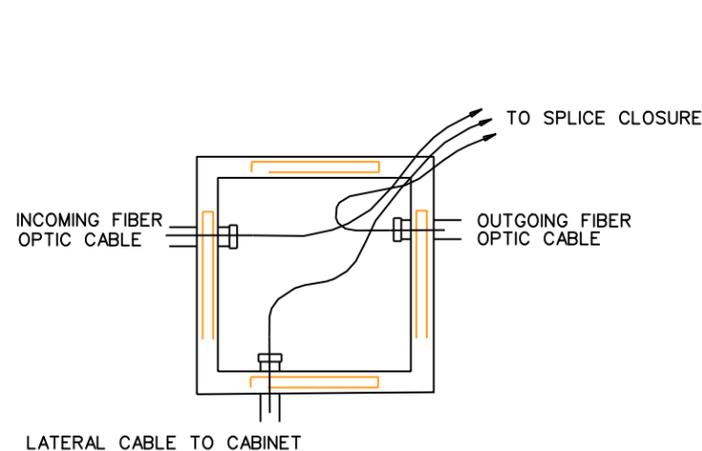


NOTES:

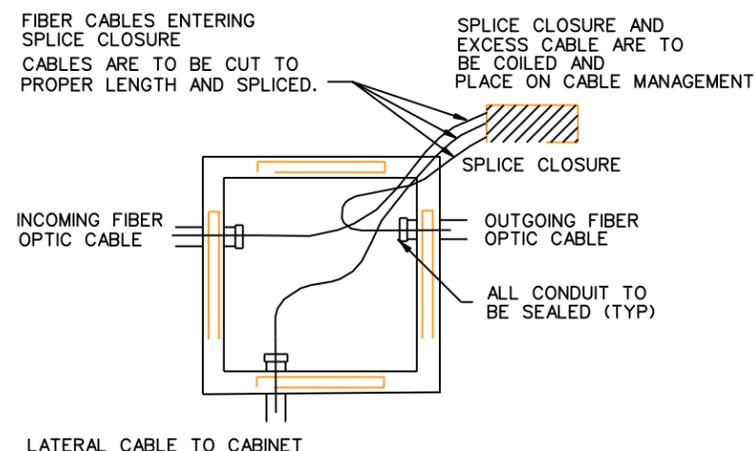
1. CONDUIT ENTERING MANHOLE SHALL NOT DEFLECT BY MORE THAN THE MANUFACTURER'S RECOMMENDATIONS FROM THE ALIGNMENT PRECEDING OR FOLLOWING MANHOLES.
2. SEE PROJECT SPECIFICATIONS FOR THE QUANTITY OF BOTH FIBER OPTIC BACKBONE CABLE AND FIBER OPTIC LATERAL CABLE TO BE COILED IN EACH MANHOLE.
3. ALL FIBER MUST BE LABELED PER PROJECT DETAIL SHEETS.
4. THE CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL CABLE MANAGEMENT INCLUDING HOOKS, RACKS, FASTENERS, ANCHORS, AND STRAPS FOR USE INSIDE MANHOLES FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
5. FOR ALL EXISTING MANHOLES, FIBER MANAGEMENT HARDWARE SHALL BE PAID FOR WITH FIBER OPTIC CABLE, NO ADDITIONAL PAYMENT SHALL BE MADE.
6. ACCESS LADDER SHALL BE REMOVABLE AND ENGINEERED TO SUPPORT 300 POUNDS. BOLTS FOR LADDER SUPPORT SHALL BE EITHER EPOXIED INTO CONCRETE OR BY USE OF EXPANSION ANCHORS.

ITS MANHOLE - INTERIOR CABLE MANAGEMENT HARDWARE DETAIL (SIDE VIEW)

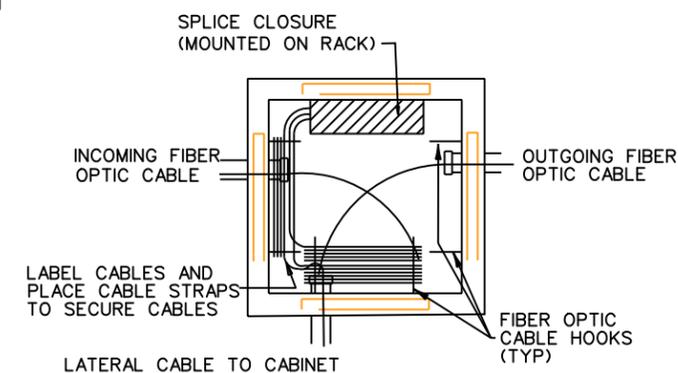
4' X 4' X 4'



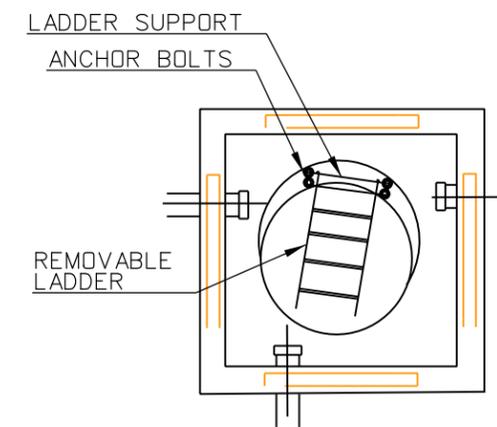
BRINGING FIBER CABLE INTO MANHOLE



SPLICE PROCEDURE



CLOSURE AND CABLE MANAGEMENT



ACCESS LADDER
Top View (Typical)

ITS MANHOLE - CABLE MANAGEMENT DETAIL (TOP VIEW)

Print Date: 10/5/2012		Sheet Revisions			Colorado Department of Transportation 425 C Corporate Circle Golden, CO 80401 Phone: 303-512-5801 FAX: 303-512-5878 HQ ITS Branch	As Constructed		MANHOLE (Traffic Management Systems)			Project No./Code
File Name: ITS Manhole.dgn		Date:	Comments	Init.		No Revisions:	Designer: Wjkjr Structure X-XX-XX			BR 0061-083	
Horiz. Scale: 1:100 Vert. Scale: As Noted						Revised:	Detailer: JKS Structure Numbers X-XX-XX			18838	
Unit Information Unit Leader Initials					Void:	Sheet Subset: ITS Subset Sheets: XXX of XXX			Sheet Number		