

APPENDIX B – Cluster Box Unit Installation Multiple Unit

NOTES TO A/E:

PLAN

SECTION

NOTES:

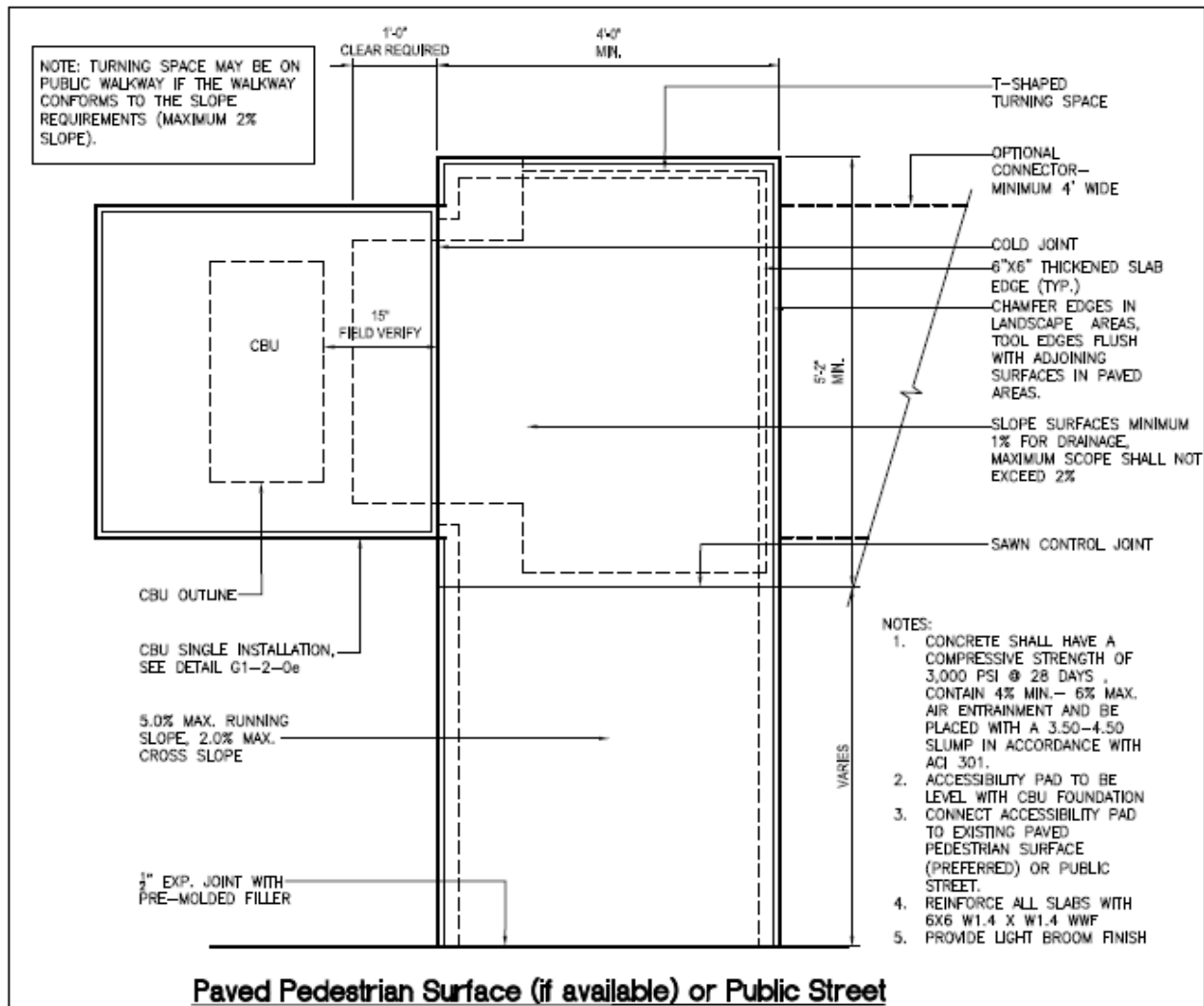
1. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI @ 28 DAYS, CONTAIN 4% MIN. - 6% MAX. AIR ENTRAINMENT AND BE PLACED WITH A 3.50 - 4.50 SLUMP IN ACCORDANCE WITH ACI 301
2. REINFORCING STEEL RODS SHALL CONFORM TO ASTM A615, GRADE 60.
3. EXPANSION BOLTS SHALL BE EQUIVALENT TO THE FOLLOWING PROVIDERS:
 - a. HILTI KWIK BOLT (www.us.hilti.com) 1/2" DIAMETER x 5-1/2" OVERALL LENGTH GALVANIZED, CATALOG # 000-453-896 KB 12-512, STAINLESS STEEL, CATALOG # 000-454-744 ENSURE THAT THE MIN. EMBEDMENT IN CONCRETE IS AT LEAST 3-1/2".
 - b. ITW RAMSET REDHEAD TRUBOLT (www.ramset-redhead.com) GALVANIZED, 1/2" DIAMETER x 7" OVERALL LENGTH; CATALOG NUMBER: WS-1270G ENSURE THAT THE MIN. EMBEDMENT IN CONCRETE IS AT LEAST 4-1/8".
 - c. RAWL STUD (www.rawl.com) GALVANIZED, 1/2" DIAMETER x 5-1/2" OVERALL LENGTH; CATALOG NUMBER: 7724 ENSURE THAT THE MIN. EMBEDMENT IN CONCRETE IS AT LEAST 4".
4. A 3 CBU CONFIGURATION IS DEPICTED. A 2 OR 4 CBU CONFIGURATION MAY BE USED AS LONG AS THEY ARE ARRANGED IN GROUPS SUCH THAT THE OVERALL DIMENSION OF THE CONCRETE BASE DOES NOT EXCEED 16 FEET.

Detail:	CLUSTER BOX UNIT (CBU) INSTALLATION - MULTIPLE UNIT	Fac.	Ch.	Sect.	Para.	Detail
						G1-2-0 e1
CAD File:	./usps/library/details/G1-2-0e1	Scale:	1/2" = 1'-0"			
					USPS SDL Issued: 10/1/2016 Last Revised: 10/27/2016	

APPENDIX C – Cluster Box Unit Access Maneuvering Space – Single Unit

NOTES TO A/E:

- IF THE ACCESSIBLE ROUTE FROM THE CBU(S) CONNECTS WITH A STREET OR OTHER PAVED SURFACE AT A VERTICAL CURB, A CURB RAMP SHOULD BE INSTALLED IN ACCORDANCE WITH RE-4 REQUIREMENTS.

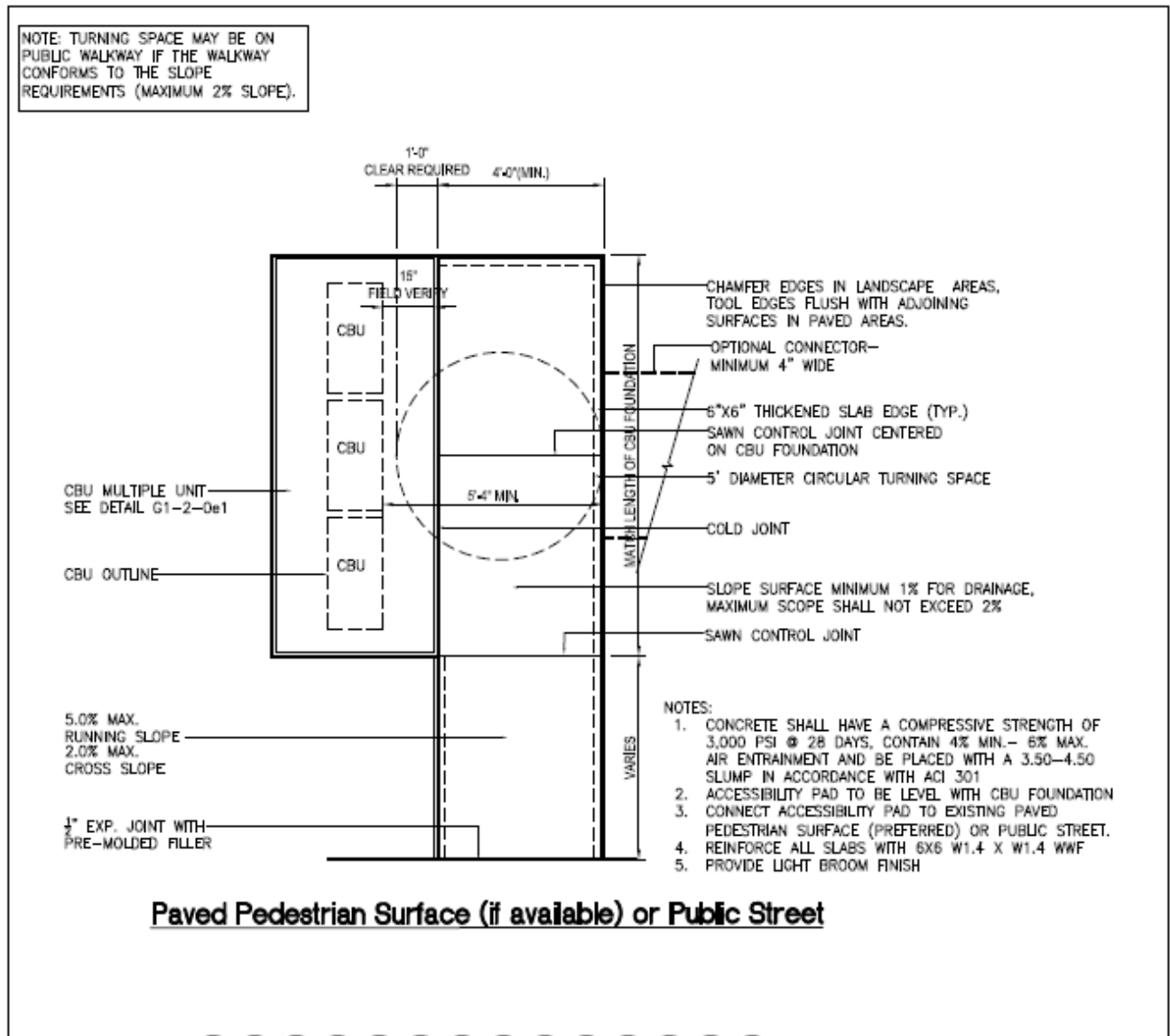


Detail:	CLUSTER BOX UNIT (CBU) ACCESS MANEUVERING SPACE - SINGLE UNIT	Fac.	Ch.	Sept.	Para.	Detail	
						G1-2-0e2	
CAD File:	.\usps\library\details\G1-2-0e2.dwg	Scale:	1/2" = 1'-0"				USPS SDL issued: 10/1/2016 Last Revised: 7/14/2016

APPENDIX D – Cluster Box Unit Access Maneuvering Space – Single Unit

NOTES TO A/E:

- IF THE ACCESSIBLE ROUTE FROM THE CBU(S) CONNECTS WITH A STREET OR OTHER PAVED SURFACE AT A VERTICAL CURB, A CURB RAMP SHOULD BE INSTALLED IN ACCORDANCE WITH RE-4 REQUIREMENTS.



Detail:	CLUSTER BOX UNIT (CBU) ACCESS MANEUVERING SPACE - MULTIPLE UNIT	Fac.	Ch.	Sec.	Para.	Detail
						G1-2-0 e3
CAD File:	..(usps\library\details\G1-2-0e3.dwg)	Scale:	1/4"=1'-0"	0	1/2"	1"
						USPS SDL Issued: 10/1/2016 Last Revised: 7/14/2016