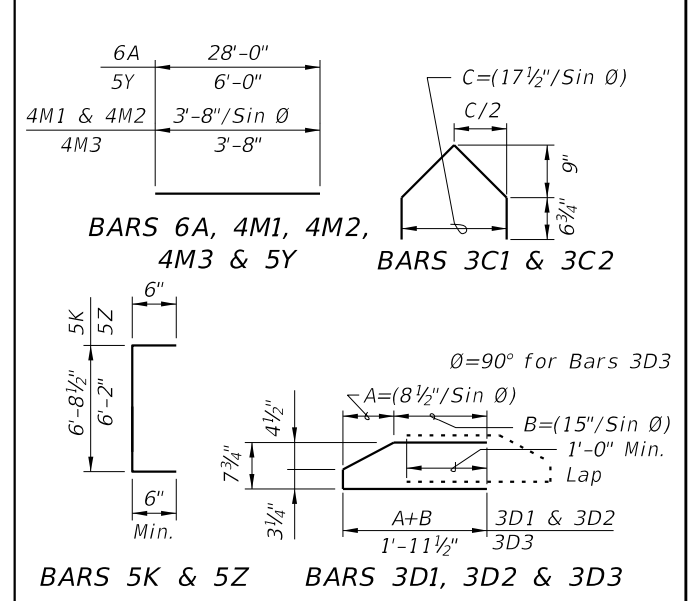


**CONVENTIONAL REINFORCING BAR BENDING DETAILS**

BILL OF REINFORCING STEEL				
MARK	NOTE NUMBERS	SIZE	NUMBER REQUIRED	LENGTH (NOTE 2)
A	—	6	8	28'-0"
C1	7, 8 & 9	3	20 (End 1)	Varies
C2	7, 8 & 9	3	20 (End 2)	Varies
D1	7, 8, 9 & 10	3	40 (End 1)	Varies
D2	7, 8, 9 & 10	3	40 (End 2)	Varies
D3	9 & 10	3	See Table	4'-3"
K	5, 6, 8, 9 & 10	5	See Table	7'-8"
M1	7 & 9	4	18 (End 1)	Varies
M2	7 & 9	4	18 (End 2)	Varies
M3	9	4	See Table	3'-8"
N	4 & 12	3/8" Ø Strand	4	Dim. L
Y	8 & 9	5	16	6'-0"
Z	5, 6, 8, 9 & 10	5	12	7'-2"

**BENDING DIAGRAMS (See Note 2)**

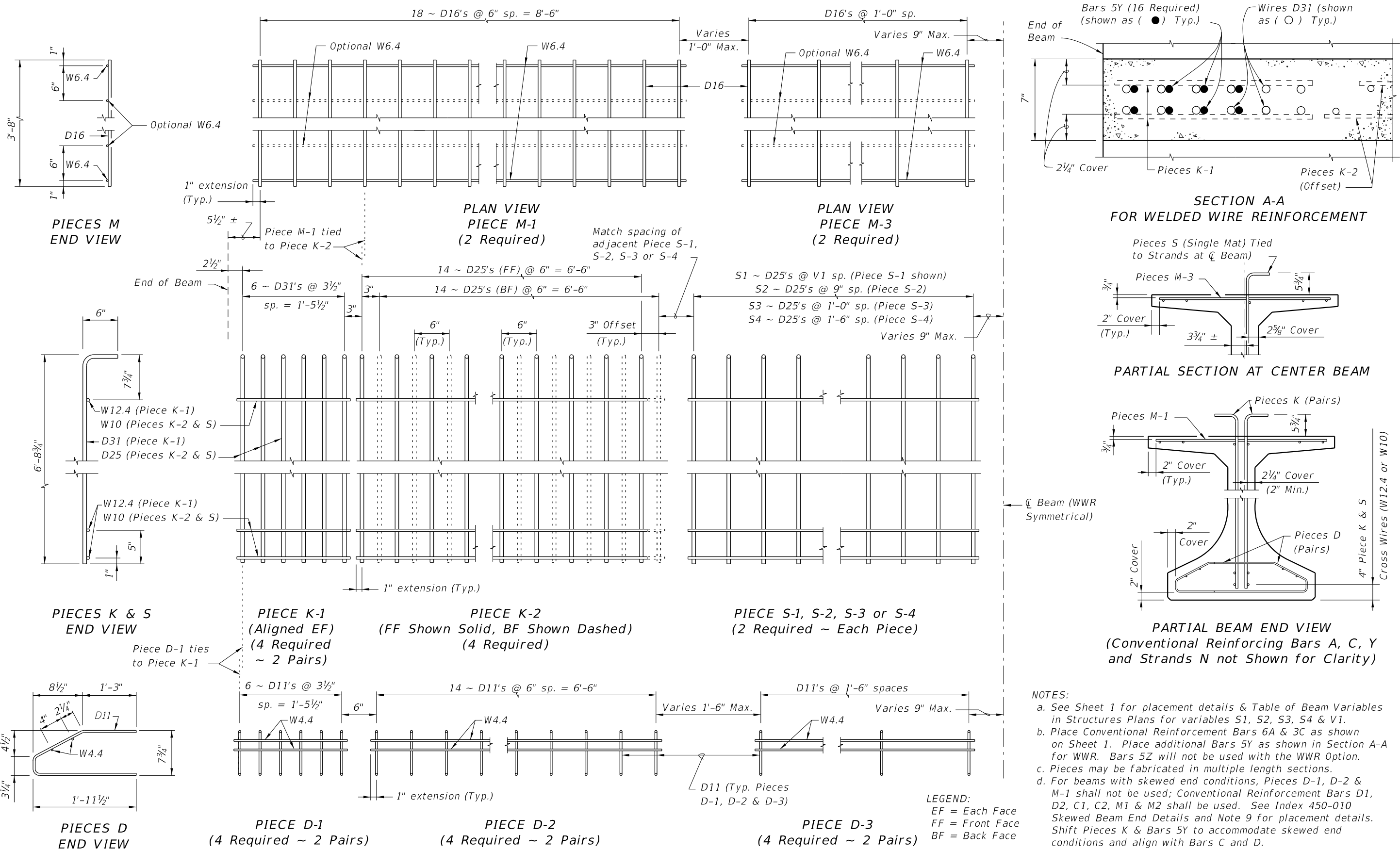


NOTES:  
 A. Work this Index with Index 450-010 - Typical Florida-I Beam Details and Notes and the Florida-I Beam - Table of Beam Variables in Structures Plans.  
 B. For referenced notes, see Index 450-010.  
 C. For Dimensions A, B, C, D, L, R & V1 and number of spaces S1 thru S4, see Florida-I Beam - Table of Beam Variables in Structures Plans.

10/23/2018 12:25:39 PM

LAST REVISION	DESCRIPTION:
11/01/18	

ALTERNATE REINFORCING STEEL (WWR) DETAILS



**NOTES:**  
 a. See Sheet 1 for placement details & Table of Beam Variables in Structures Plans for variables S1, S2, S3, S4 & V1.  
 b. Place Conventional Reinforcing Bars 6A & 3C as shown on Sheet 1. Place additional Bars 5Y as shown in Section A-A for WWR. Bars 5Z will not be used with the WWR Option.  
 c. Pieces may be fabricated in multiple length sections.  
 d. For beams with skewed end conditions, Pieces D-1, D-2 & M-1 shall not be used; Conventional Reinforcing Bars D1, D2, C1, C2, M1 & M2 shall be used. See Index 450-010 Skewed Beam End Details and Note 9 for placement details. Shift Pieces K & Bars 5Y to accommodate skewed end conditions and align with Bars C and D.

10/23/2018 12:25:40 PM

LAST REVISION 11/01/16	DESCRIPTION:		FY 2019-20 STANDARD PLANS	FLORIDA-I 78 BEAM - STANDARD DETAILS	INDEX 450-078	SHEET 2 of 2
REVISION						