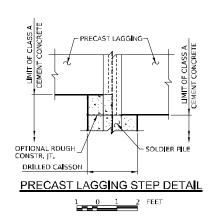


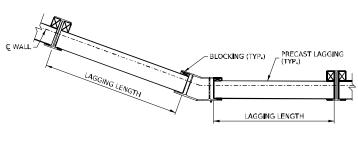
TYPICAL SECTION PRECAST LAGGING

(4'-0" PANEL SHOWN - OTHERS SIMILAR)

6 0 6 INCHES







TYPICAL LAGGING SECTION
SEE TABLE
(PILE CS-P12 THRU CS-14 SHOWN, OTHER SECTIONS SIMILAR) 1 0 1 2 FEET

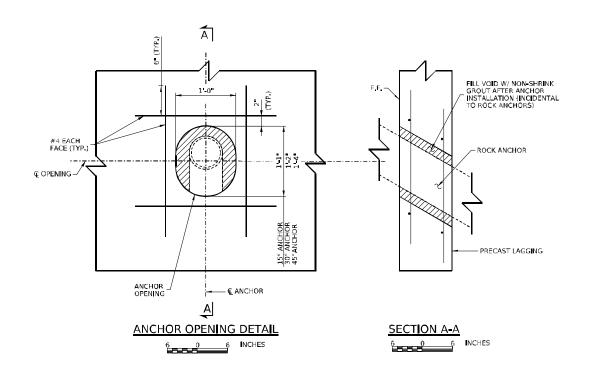
PRECAST LAGGING LENGTH							
LOCATION	PRECAST LENGTH						
CS-P1 TO CS-P3	6' = 3"						
CS-P3 TO CS- P 4	5' – 5"						
CS-P4 TO CS-P12	7' - 3"						
CS-P12 TO CS-P14	6' - 8"						
CS-P14 TO CS-P15	7'- 3"						
CS-P15 TO CS-P17	6' - 8 1/2"						
CS-P17 TO CS-P22	7'-3"						
CS-P22 ⊺O CS-P23	6' - 9"						
CS-P23 TO CS-P24	5' – 3"						
CS-P24 TO CS-P25	5' = 9"						
-	-						

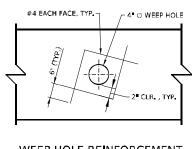
NOTES:

- 1. ALL DIMENSIONS ARE GIVEN ALONG THE & OF WALL UNLESS NOTED OTHERWISE.
- 2. SEE BC-751M FOR ADDITIONAL WEEP HOLE DETAILS.
- 3. DYE LAGGING CONCRETE AS PER SPECIAL PROVISIONS, SUBMIT FINAL COLOR TO DEPARTMENT WITH LAGGING SHOP DRAWINGS.

LEGEND:

- E.F. EACH FACE
- F.F. FRONT FACE





WEEP HOLE REINFORCEMENT N.T.S.



DES: JMB DWN: EEA CHK: CTV

ANCHOR REV. LOCATION ANCHOR REV. LOCATION

ANCHOR LOAD SUMMARY TABLE

WALL SEGMENT NO.	PILE MARK	ANCHOR NO. 1			AN	CHOR NO). 2	AN	CHOR NO). 3
		DESIGN LOAD (KIP)	TEST LOAD (KIP)	LOCK- OFF LOAD (KIP)	DESIGN LOAD (KIP)	TEST LOAD (KIP)	LOCK- OFF LOAD (KIP)	DESIGN LOAD (KIP)	TEST LOAD (KIP)	LOCK OFF LOAD (KIP)
1	CS-P1			-	1+	7.6	-	1-	-	1-
	CS-P2	92	14	-		100	141	14		1-
	CS-P3	-	(2	1=	-	-	-	14	-	-
2	CS-P4	-	12	-	12	1-	12	1-	-	-
	197	61	81	61	18			(8)		
	CS-P5	19	79	-	14	14	- 14	(4)	-	-
		61	81	61	-	1.5	-	-	-	-
	CS-P6	le.	(m	-	-	Je.	-	15.	-	5-
		49	65	49	95	126	95	1-	1-1	-
	CS-P7	-	14	-	-	-	100	1-	-	1-
	-1	49	65	49	95	126	95	14	-	-
	CS-P8	-	18	-	В	- 14	R	- 14	-	- 13
2	191	49	65	49	95	126	95	-	-	-
	CS-P9		1.2	-	-	7.	-	-	-	-
	-	49	65	49	95	126	95	in.	(%)	-
	CS-P10	-		1.0	1-	(-	Le.	1.5	1.0
	-	49	65	49	95	126	95	98	131	98
	CS-P11	-	-	-	-	1.0	-	1-	-	-
		49	65	49	95	126	95	98	131	98
	CS-P12	-	12	li-Li	14	150	141	100	-	12
	-	49	65	49	95	126	95	98	131	98
	CS-P13	14	18	-	-	14	14	-	141	-
	-	54	72	54	105	140	105	109	145	109
	CS-P14		85	1.5	15	in.	100	155	-	1-
3	-	54	72	54	105	140	105	109	145	109
	CS-P15	1-	18	1-1	-	10-1	100	8-	-	-
	-	54	72	54	105	140	105	109	145	109
	CS-P16	14	ria.		12	rui.	- 1	-	-	74
4	-	67	89	67	129	172	129	12	-	-
	CS-P17	18	18	(8)	(8)	- 1	18	18	¥	-
	P. (66	88	66	129	172	129	129	172	129
	CS-P18	15	15	- 89	Ten .	-				185
		66	88	66	129	172	129	1-	(0)	1.00
	CS-P19	-	1-	1-1	1-		18	J=	-	-
	-	66	88	66	129	172	129	-	-	1-
	CS-P20	-	12	-	1-	194	-	1-	-	-
	-	129	172	129	-	-	-	-	~	-
	CS-P21	18	-		(8)	(%)	-		*	-
	-	82	110	82	-			-	-	14
	CS-P22	(5)	15		15.	15		- 1-		
	-	82	110	82	100	le l	1.0	100	-	1.0
	CS-P23	-	0.5	- 1-	1-	18	-	100	-	-
5	CS-P24	1-	14	1-1	1-		1-2	lia.	1-1	14
	CS-P25		12	-	1-	164	-	Tie I	-	-

LATENT ANCHOR CONSTRUCTION PROCEDURE

- 1. WORK THIS WITH WALL CONSTRUCTION SEQUENCE ON SHEETS 2 AND 3.
- DRILL THROUGH WALL, FILL MATERIAL AND INTO ROCK TO THE REQUIRED STEEL CASING EMBEDMENT LENGTH, HOLE MUST BE OF SUFFICIENT DIAMETER TO ACCEPT ALL COMPONENTS AND PROVIDE SPECIFIED COVER.
- FILL HOLE WITH SUFFICIENT GROUT AND PLUNGE CASING TO THE FULL DEPTH OF EMBEDMENT LENGTH TO ENSURE FULL GROUTING OF ANNULAR SPACE BETWEEN CASING AND ROCK.
- AFTER SUFFICIENT CURE OF THE GROUT, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1000 PSI AND A MINIMUM OF 16 HOURS, DRILL ANCHOR BOND LENGTH, PERFORM WATER TIGHTNESS TEST, INSTALL ANCHOR, AND PRESSURE GROUT THE BOND LENGTH.
- 5. INSTALL CASING, WALER AND HOT DIPPED GALVANIZED BEARING PLATE, FIELD WELD THE PLATE TO THE STEEL CASING, AND FIELD GALVANIZE, CLEAN AND HELD GALVANIZE THE EXPOSED END OF CASING.
- 6. PRIOR TO TESTING THE ANCHORS, WEDGE THE STEEL CASING IN THE HOLE THROUGH THE WALL TO FIRMLY SECURE IT, AFTER ANCHOR BOND GROUT HAS CURED, PERFORM LOAD TESTS AND PROOF TESTS ON THE ANCHORS AND LOCK OFF LOAD TO THE INDICATED LOAD, JACK AGAINST BEARING PLATE, DO NOT APPLY JACKING LOADS TO THE WALL.
- GROUT THE STEEL CASING UNTIL GROUT EMERGES FROM END OF CASING. GROUT ANNULAR SPACE BETWEEN CASING AND THE WALL.
- 8. CUT EXCESS TENDON LENGTH AND INSTALL GREASE FILLED GALVANIZED CAP.
- OTHER METHODS OF CONSTRUCTION MAY BE CONSIDERED WITH APPROVAL OF REPRESENTATIVE.

NOTES:

- FOR ADDITIONAL INFORMATION, SEE SPECIAL PROVISIONS FOR POST-TENSIONED ROCK ANCHORS.
- HOLES OPEN FOR MORE THAN 12 HOURS MUST BE RE-CLEANED PRIOR TO INSERTING ANCHOR AND GROUTING.
- 3. FOR RETAINING WALL CONSTRUCTION SEQUENCE, SEE SHEETS 2 AND 3.
- 4. FOR ADDITIONAL NOTES, SEE SHEET 4.
- FOR WALL LAYOUT INFORMATION, ANCHOR ELEVATIONS, ANCHOR INCLINATIONS, AND ADDITIONAL DETAILS, SEE SHEETS 6 AND 7.
- LOCATE UPPER CENTRALIZER A MINIMUM OF 5 FEET FROM THE TOP OF THE TENDON BOND LENGTH, LOCATE LOWER CENTRALIZER 1 FOOT FROM THE BOTTOM OF THE TENDON BOND LENGTH.
- 7. NDT WELDS AS PER AASHTO/AWS 1.5 SECTION 6.7.2.
- TO ALLOW PROPER ALIGNMENT OF THE ANCHORS, SET AND DRILL ANCHOR HOLES BASED ON PRECISE WALER ASSEMBLY AND WEDGE PLATE ASSEMBLY POSITIONS, USE TEMPLATE AS APPLICABLE.
- 9. ANCHOR LOCATIONS ARE NUMBERED FROM BOTTOM TO TOP.
- 10. SIZE THE STRAND ANCHORS BASED ON THE DESIGN LOADS AND TEST LOADS PROVIDED IN THE CONTRACT DOCUMENTS AND THEN ADD (1) ADDITIONAL STRAND TO ALLOW FOR ANCHOR REDUINDANCY.
- REPAIR DAMAGED GALVANIZING IN ACCORDANCE WITH PUBLICATION 408, SECTION 1105.02(s)2.
- 12. ANCHOR CAP TO INCLUDE A CLOSED NEOPRENE SEAL (OR EQUAL) AND ARE TO BE PACKED WITH CORROSION INHIBITING WAX OR GREASE (INCIDENTAL TO THE ANCHORS).

LEGEND:

- F.F. FRONT FACE
- DIA. DIAMETER
- O.D. OUTSIDE DIAMETER

