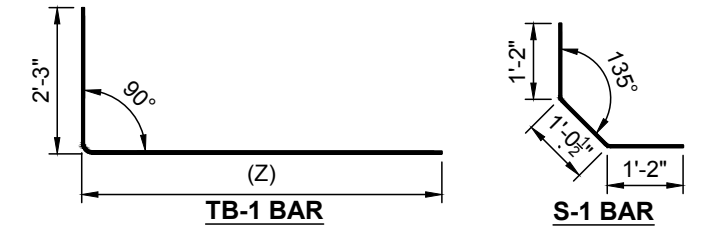


UNIT TABLE FOR VARYING STEM LENGTHS							
FM MARK No.	UNIT TYPE	STEM LENGTH (S)	REBAR VARIABLES			VOLUME * (cy)	WEIGHT * (lbs)
			(X)	(Y)	(Z)		
MK4	2.5x5.0x4.0 STD	4'-0"	6	5'-9 1/2"	3'-6 1/2"	0.39	1,574
MK6	2.5x5.0x6.0 STD	6'-0"	10	7'-9 1/2"	5'-6 1/2"	0.45	1,836
MK8	2.5x5.0x8.0 STD	8'-0"	14	9'-9 1/2"	7'-6 1/2"	0.52	2,098
MK10	2.5x5.0x10.0 STD	10'-0"	18	11'-9 1/2"	9'-6 1/2"	0.58	2,360
MK12	2.5x5.0x12.0 STD	12'-0"	22	13'-9 1/2"	11'-6 1/2"	0.65	2,622
MK14	2.5x5.0x14.0 STD	14'-0"	26	15'-9 1/2"	13'-6 1/2"	0.71	2,883
MK16	2.5x5.0x16.0 STD	16'-0"	30	17'-9 1/2"	15'-6 1/2"	0.78	3,145
MK18	2.5x5.0x18.0 STD	18'-0"	34	19'-9 1/2"	17'-6 1/2"	0.84	3,407
MK20	2.5x5.0x20.0 STD	20'-0"	38	21'-9 1/2"	19'-6 1/2"	0.91	3,669

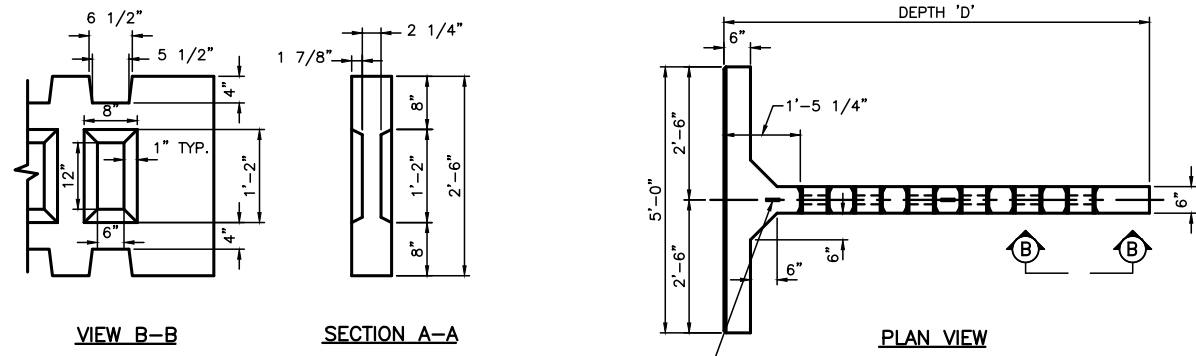
* UNIT VOLUME AND WEIGHT BASED ON 6" THICK FRONT FACE. ARCHITECTURAL FINISHES WILL INCREASE FACE THICKNESS, VOLUME AND WEIGHT.

REBAR SCHEDULE			
BAR MARK	QTY	BAR SIZE	LENGTH
H-1 BAR	3	#4	4'-8"
V-1 BAR	(X)	#3	2'-2"
V-2 BAR	6	#3	2'-2"
S-1 BAR	4	#3	3'-3"
TB-1 BAR	4	#4	(Y)

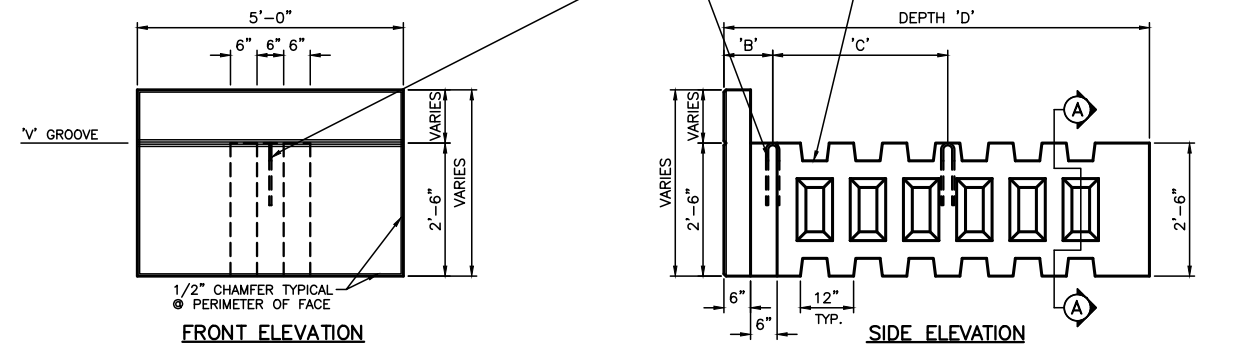


GENERAL NOTES:

1. PRECAST CONCRETE T-WALL UNITS SHALL CONFORM TO NYS STANDARD SPECIFICATION 704-06, PRECAST MODULAR WALLS & PRECAST CONCRETE CRIBBING EXCEPT, COMPRESSIVE STRENGTH REQUIREMENT IS 4,000 psi @ 28 DAYS. AIR CONTENT SHALL BE 5% TO 9%.
2. REINFORCING STEEL SHALL BE EPOXY COATED AND CONFORM TO NYS STANDARD SPECIFICATION 709-04 FOR DEFORMED BAR AND 709-02 FOR WIRE FABRIC.
3. POSITION OF ALL REINFORCEMENT SHALL BE MAINTAINED WITH THERMOPLASTIC CHAIRS OR PLASTIC PROTECTED SLAB BOLSTERS.
4. MINIMUM CONCRETE COVER OVER REINFORCEMENT SHALL BE 2" UNLESS NOTED OTHERWISE.
5. THE REINFORCEMENT DETAILED ON SHEETS 1 THROUGH 3 ARE FOR WALL HEIGHTS UP TO 39 FT MAX.
6. TOLERANCES:
 - FACE DIMENSIONS (WIDTH, HEIGHT, THICKNESS & PLANENESS): $\pm 1/4"$
 - FACE TO STEM OUT-OF-SQUARE OR OUT OF PLUMB: $\pm 1/4"$
 - STEM HEIGHT & THICKNESS: $\pm 3/8"$
 - STEM LENGTH: $\pm 3/4"$
 - REBAR SPACING: $\pm 2"$, NON-CUMULATIVE
 - REBAR COVER: $+5/8"$, $-1/4"$
7. STANDARD SURFACE FINISH ON FRONT FACE (2'-6" x 5'-0") TO BE STANDARD CHEMICAL ETCH EXPOSED AGGREGATE APPROVED PER THE REQUIREMENTS OF 704-03 ARCHITECTURAL TREATMENTS.
8. WIRE FABRIC MAY BE USED AS AN ALTERNATE REINFORCEMENT. AREA OF WIRE FABRIC TO BE EQUAL TO OR GREATER THAN THE AREA OF REBAR INDICATED. THE WIRE SPACING AND LOCATION IS IDENTICAL TO THE REBAR LAYOUT.
9. CURING SHALL BE IN CONFORMANCE WITH 704-03; TYPICALLY MEMBRANE CURING COMPOUND.

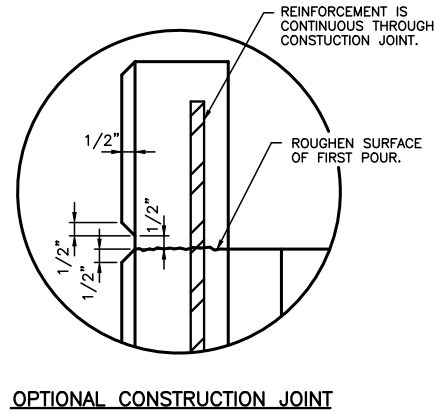


(2) #4-14 STD. RECESSED HANDLES TYPICAL FOR MK8, 10, 12, 14, 16, 18, & 20 ONLY ('B' & 'C' LOCATION). (1) #4-14 STD. RECESSED HANDLE REQUIRED FOR MK4 & 6 ONLY ('B' LOCATION) FOR REBAR DIMENSIONS REFER TO HANDLE DETAIL BELOW. (REBAR HANDLING IS SHOWN - OTHER HANDLING METHODS MAY BE UTILIZED).

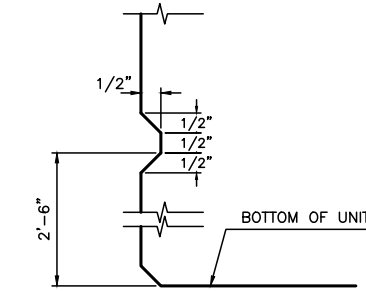


TYPICAL EXTENDED FACE T-WALL UNIT DIMENSIONS

(MONOLITHIC EXTENSION SHOWN)



OPTIONAL CONSTRUCTION JOINT



TYP. HORIZONTAL 'V' GROOVE

TABLE 'B' - TABLE OF EXTENDED FACE STANDARD UNITS													
MARK NO.	FACE HEIGHT	DEPTH 'D'	WEIGHT (lbs.)	VOLUME (c.y.)	401 BAR		304 BAR	403 BAR	505 BAR	#4-14 HANDLE			COMMENTS
					(DIM) 'A'	TOTAL LENGTH	QUANTITY	QUANTITY	LENGTH	(DIM) 'B'	(DIM) 'C'	QTY	
MK4S3	3'-0"	4'-0"	1,800	0.44	3'-5"	5'-7"	6	4	2'-8"	10"	---	1	3'-0" HIGH FACE
MK4S3.5	3'-6"	4'-0"	1,988	0.50	3'-5"	5'-7"	6	4	3'-2"	10"	---	1	3'-6" HIGH FACE
MK4S4	4'-0"	4'-0"	2,175	0.54	3'-5"	5'-7"	6	5	3'-8"	10"	---	1	4'-0" HIGH FACE
MK4S4.5	4'-6"	4'-0"	2,363	0.58	3'-5"	5'-7"	6	5	4'-2"	10"	---	1	4'-6" HIGH FACE
MK4S5	5'-0"	4'-0"	2,550	0.63	3'-5"	5'-7"	6	6	4'-8"	10"	---	1	5'-0" HIGH FACE
MK6S3	3'-0"	6'-0"	2,026	0.50	5'-5"	7'-7"	10	4	2'-8"	10"	---	1	3'-0" HIGH FACE
MK6S3.5	3'-6"	6'-0"	2,214	0.55	5'-5"	7'-7"	10	4	3'-2"	10"	---	1	3'-6" HIGH FACE
MK6S4	4'-0"	6'-0"	2,400	0.59	5'-5"	7'-7"	10	5	3'-8"	10"	---	1	4'-0" HIGH FACE
MK6S4.5	4'-6"	6'-0"	2,589	0.64	5'-5"	7'-7"	10	5	4'-2"	10"	---	1	4'-6" HIGH FACE
MK6S5	5'-0"	6'-0"	2,776	0.69	5'-5"	7'-7"	10	6	4'-8"	10"	---	1	5'-0" HIGH FACE
MK8S3	3'-0"	8'-0"	2,288	0.56	7'-5"	9'-7"	14	4	2'-8"	10"	---	2	3'-0" HIGH FACE
MK8S3.5	3'-6"	8'-0"	2,475	0.61	7'-5"	9'-7"	14	4	3'-2"	10"	---	2	3'-6" HIGH FACE
MK8S4	4'-0"	8'-0"	2,663	0.66	7'-5"	9'-7"	14	5	3'-8"	10"	---	2	4'-0" HIGH FACE
MK8S4.5	4'-6"	8'-0"	2,850	0.70	7'-5"	9'-7"	14	5	4'-2"	10"	---	2	4'-6" HIGH FACE
MK8S5	5'-0"	8'-0"	3,038	0.75	7'-5"	9'-7"	14	6	4'-8"	10"	---	2	5'-0" HIGH FACE
MK10S3	3'-0"	10'-0"	2,550	0.63	9'-5"	11'-7"	18	4	2'-8"	10"	---	2	3'-0" HIGH FACE
MK10S3.5	3'-6"	10'-0"	2,737	0.68	9'-5"	11'-7"	18	4	3'-2"	10"	---	2	3'-6" HIGH FACE
MK10S4	4'-0"	10'-0"	2,925	0.72	9'-5"	11'-7"	18	5	3'-8"	10"	---	2	4'-0" HIGH FACE
MK10S4.5	4'-6"	10'-0"	3,112	0.77	9'-5"	11'-7"	18	5	4'-2"	10"	---	2	4'-6" HIGH FACE
MK10S5	5'-0"	10'-0"	3,300	0.81	9'-5"	11'-7"	18	6	4'-8"	10"	---	2	5'-0" HIGH FACE
MK12S3	3'-0"	12'-0"	2,838	0.70	11'-5"	13'-7"	22	4	2'-8"	10"	---	2	3'-0" HIGH FACE
MK12S3.5	3'-6"	12'-0"	3,025	0.75	11'-5"	13'-7"	22	4	3'-2"	10"	---	2	3'-6" HIGH FACE
MK12S4	4'-0"	12'-0"	3,213	0.79	11'-5"	13'-7"	22	5	3'-8"	10"	---	2	4'-0" HIGH FACE
MK12S4.5	4'-6"	12'-0"	3,400	0.84	11'-5"	13'-7"	22	5	4'-2"	10"	---	2	4'-6" HIGH FACE
MK12S5	5'-0"	12'-0"	3,588	0.89	11'-5"	13'-7"	22	6	4'-8"	10"	---	2	5'-0" HIGH FACE

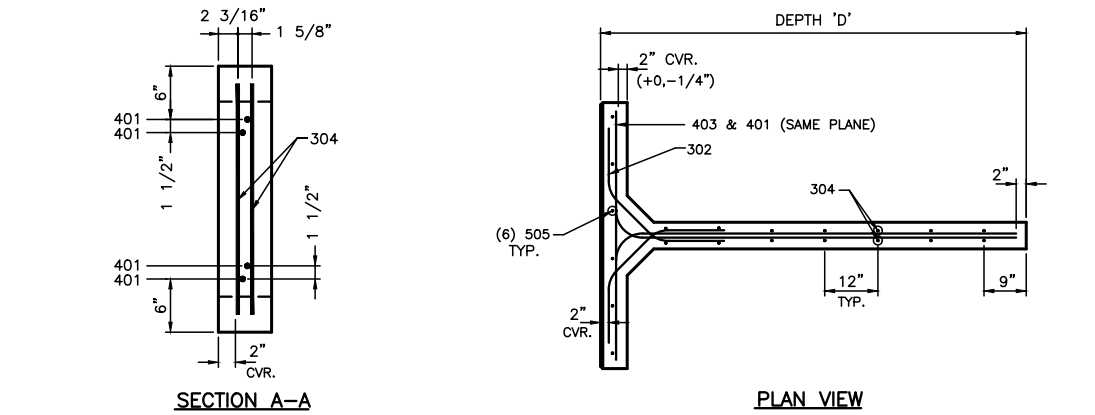
GENERAL NOTES:

- PRECAST CONCRETE T-WALL UNITS SHALL CONFORM TO NYS STANDARD SPECIFICATION 704-06, PRECAST CONCRETE CRIBBING EXCEPT, COMPRESSIVE STRENGTH IS 4,000 psi @ 28 DAYS.
- REINFORCEMENT SHALL BE EPOXY COATED IN CONFORMANCE WITH NYS STANDARD SPECIFICATION 709-01. POSITION OF ALL REINFORCEMENT SHALL BE MAINTAINED WITH THERMOPLASTIC CHAIRS OR PLASTIC PROTECTED SLAB BOLSTERS.
- MINIMUM CONCRETE COVER OVER REINFORCEMENT SHALL BE 2" UNLESS NOTED OTHERWISE.
- THE REINFORCEMENT SHOWN ON SHEETS 1 THROUGH 3 ARE FOR WALL HEIGHTS UP TO 39'-0" MAX.
- DIMENSIONAL TOLERANCE TO BE 1/4"±.
- SURFACE FINISH ON EXPOSED (3'-0" TO 5'-0")x5'-0" FACE OF T-WALL UNITS SHALL BE STANDARD CHEMICAL ETCH EXPOSED AGGREGATE PER THE APPROVED VISUAL SAMPLE.

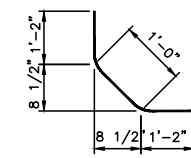
TYPICAL BAR LIST

BAR MK.NO.	SIZE	# REQ'D PER PART	DIMEN.	LENGTH
#401	4	4	** DIM 'A'	**
#302	3	4		3'-7"
#403	4	3		4'-8"
#304	3	**		2'-2"
#505	5	6		**
#4-14 HANDLE	4	**	** DIM 'B' & 'C'	2'-5"

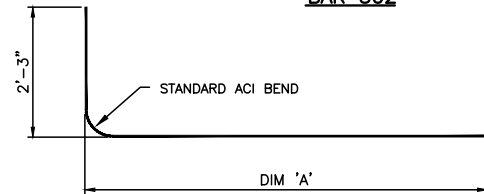
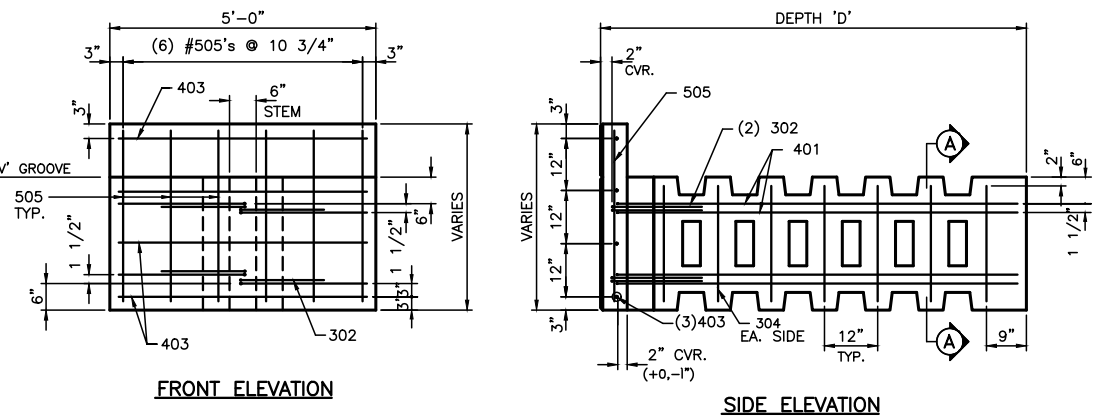
**REFER TO TABLE 'A' FOR DIMEN. & QUANTITY ON SHEET 1



#4-14 HANDLE

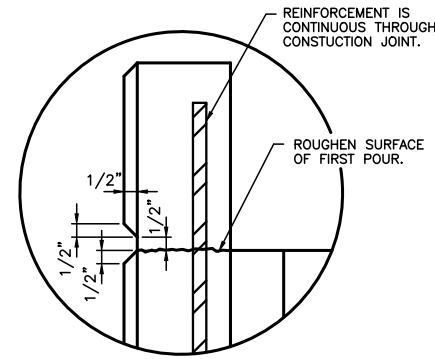
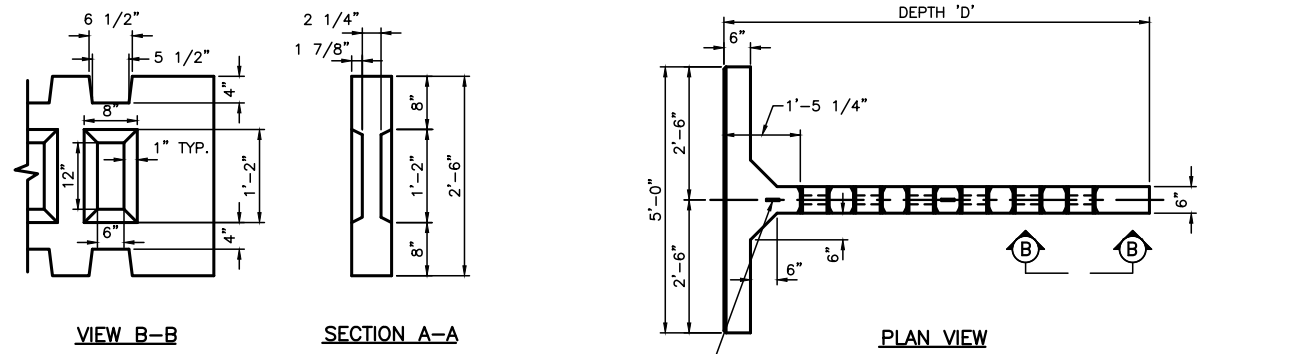


BAR 302



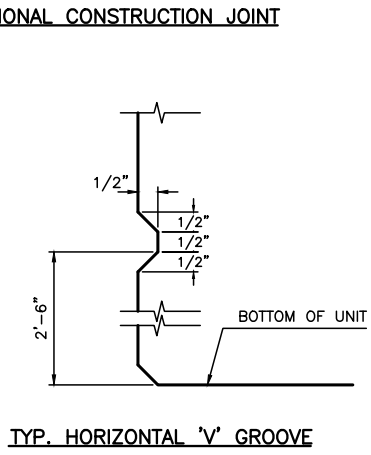
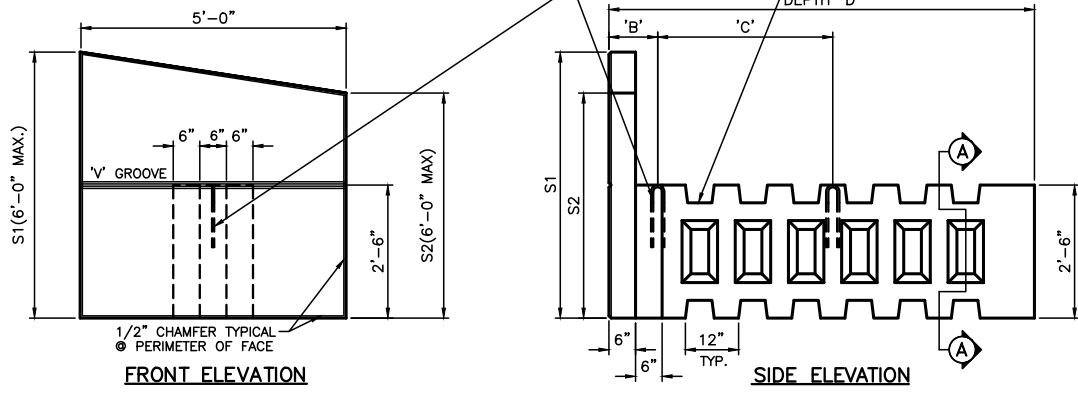
BAR 401

TYPICAL EXTENDED FACE T-WALL UNIT REINFORCEMENT



(2) #4-14 STD. RECESSED HANDLES ARE TYPICAL FOR 8,10,12,14, 16,18, & 20 FT. STEMS ONLY ('B' & 'C' LOCATION). (1) #4-14 STD. RECESSED HANDLE REQUIRED FOR 4 & 6 FT. STEMS ONLY ('B' LOCATION) FOR REBAR DIMENSIONS REFER TO HANDLE DETAIL BELOW. (TYPICAL HANDLING IS SHOWN - OTHER HANDLING METHODS MAY BE UTILIZED).

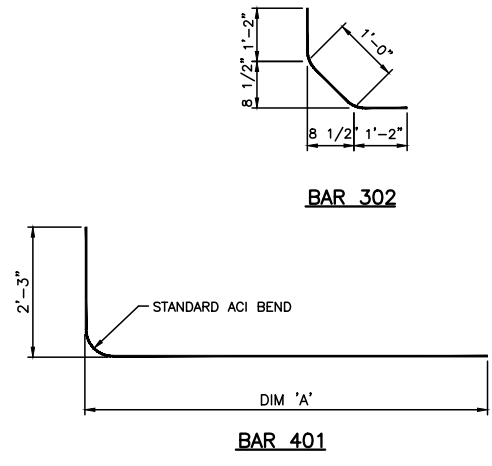
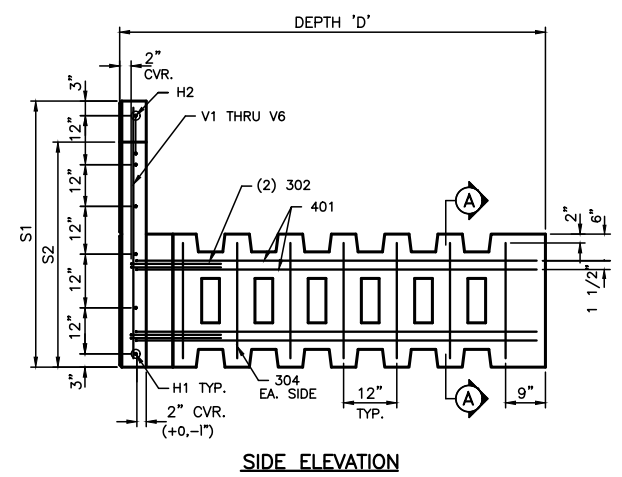
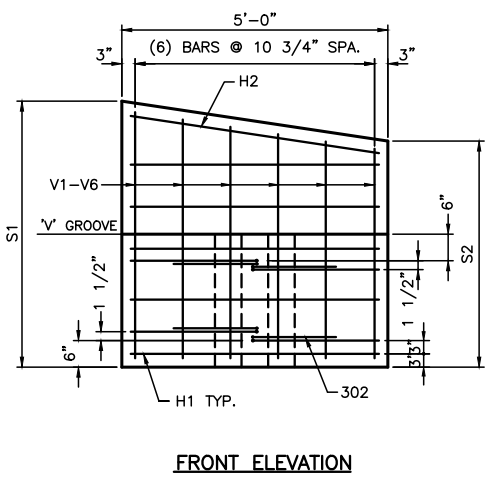
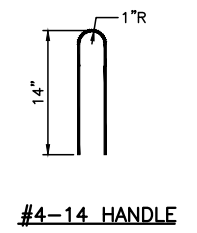
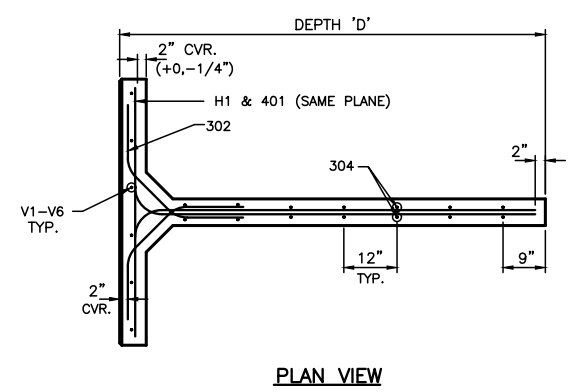
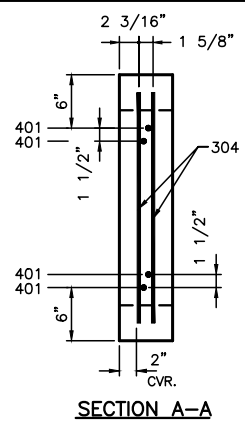
ADEQUATE NUMBER OF SHEAR KEY BLOCKOUTS WILL BE PROVIDED BASED ON SHEAR KEY QUANTITY REQUIREMENTS FOR GIVEN STEM LENGTHS.



TYPICAL EXTENDED FACE SLOPED T-WALL UNIT DIMENSIONS
(MONOLITHIC EXTENSION SHOWN)

TABLE 'C' - EXTENDED FACE SLOPED UNIT BAR LIST			
BAR MK.NO.	SIZE	LENGTH	QUANTITY
#401	4	REFER TO SHEET 1, TABLE 'A'	4
#302	3	3'-7"	4
#304	3	2'-2"	REFER TO SHEET 1, TABLE 'A' MINUS 6 BARS
H1	4	4'-8"	S1(INCHES)/12 + 1
H2	4	LENGTH ALONG SLOPED TOP - 4"	1
V1	5	HEIGHT OF UNIT @ BAR LOCATION - 4"	1
V2	5	HEIGHT OF UNIT @ BAR LOCATION - 4"	1
V3	5	HEIGHT OF UNIT @ BAR LOCATION - 4"	1
V4	5	HEIGHT OF UNIT @ BAR LOCATION - 4"	1
V5	5	HEIGHT OF UNIT @ BAR LOCATION - 4"	1
V6	5	HEIGHT OF UNIT @ BAR LOCATION - 4"	1
#4-14 HANDLE	4	2'-5"	REFER TO SHEET 1, TABLE 'A'

- GENERAL NOTES:**
1. PRECAST CONCRETE T-WALL UNITS SHALL CONFORM TO NYS STANDARD SPECIFICATION 704-06, PRECAST CONCRETE CRIBBING EXCEPT, COMPRESSIVE STRENGTH IS 4,000 psi @ 28 DAYS.
 2. REINFORCEMENT SHALL BE EPOXY COATED IN CONFORMANCE WITH NYS STANDARD SPECIFICATION 709-01. POSITION OF ALL REINFORCEMENT SHALL BE MAINTAINED WITH THERMOPLASTIC CHAIRS OR PLASTIC PROTECTED SLAB BOLSTERS.
 3. MINIMUM CONCRETE COVER OVER REINFORCEMENT SHALL BE 2" UNLESS NOTED OTHERWISE.
 4. THE REINFORCEMENT SHOWN ON SHEETS 1 THROUGH 3 IS FOR WALL HEIGHTS UP TO 39'-0" MAX.
 5. DIMENSIONAL TOLERANCE TO BE 1/4"±.
 6. SURFACE FINISH ON EXPOSED (2'-6" TO 6'-0")x5'-0" FACE OF T-WALL UNITS SHALL BE STANDARD CHEMICAL ETCH EXPOSED AGGREGATE PER THE APPROVED VISUAL SAMPLE.
 7. FOR T-WALL DIMENSIONS, WEIGHTS, MARK NUMBERS AND VOLUMES REFER TO CONTRACT DOCUMENTS AND SHOP DRAWINGS.



TYPICAL EXTENDED FACE SLOPED T-WALL UNIT REINFORCEMENT