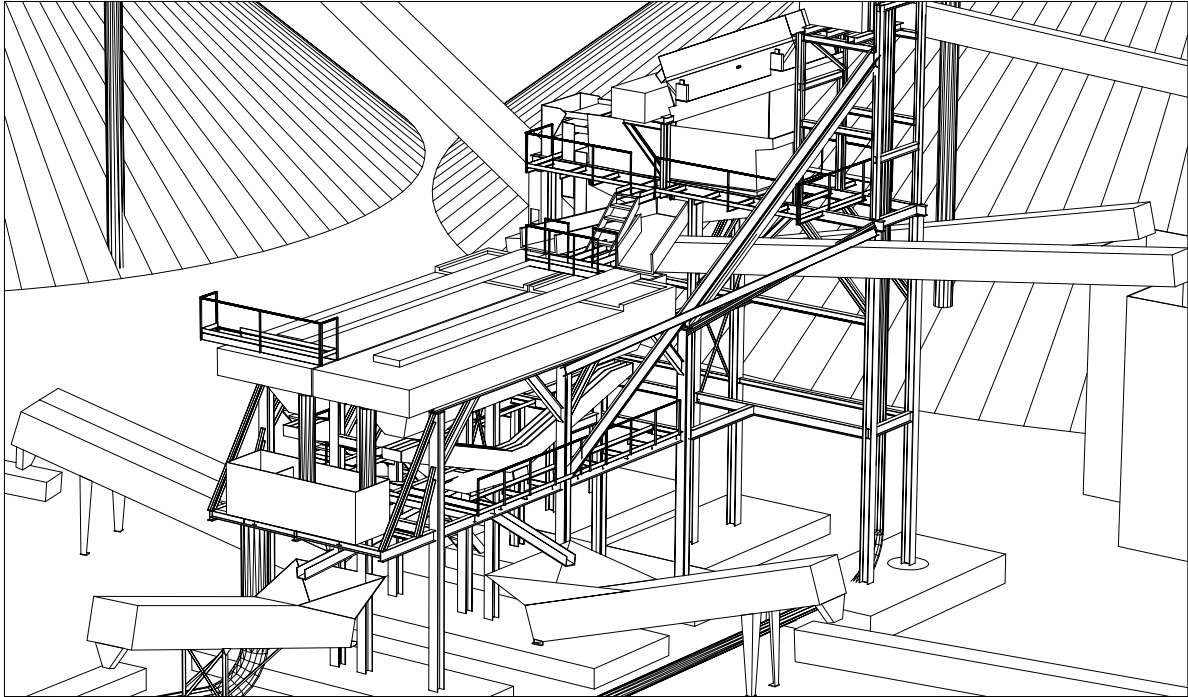


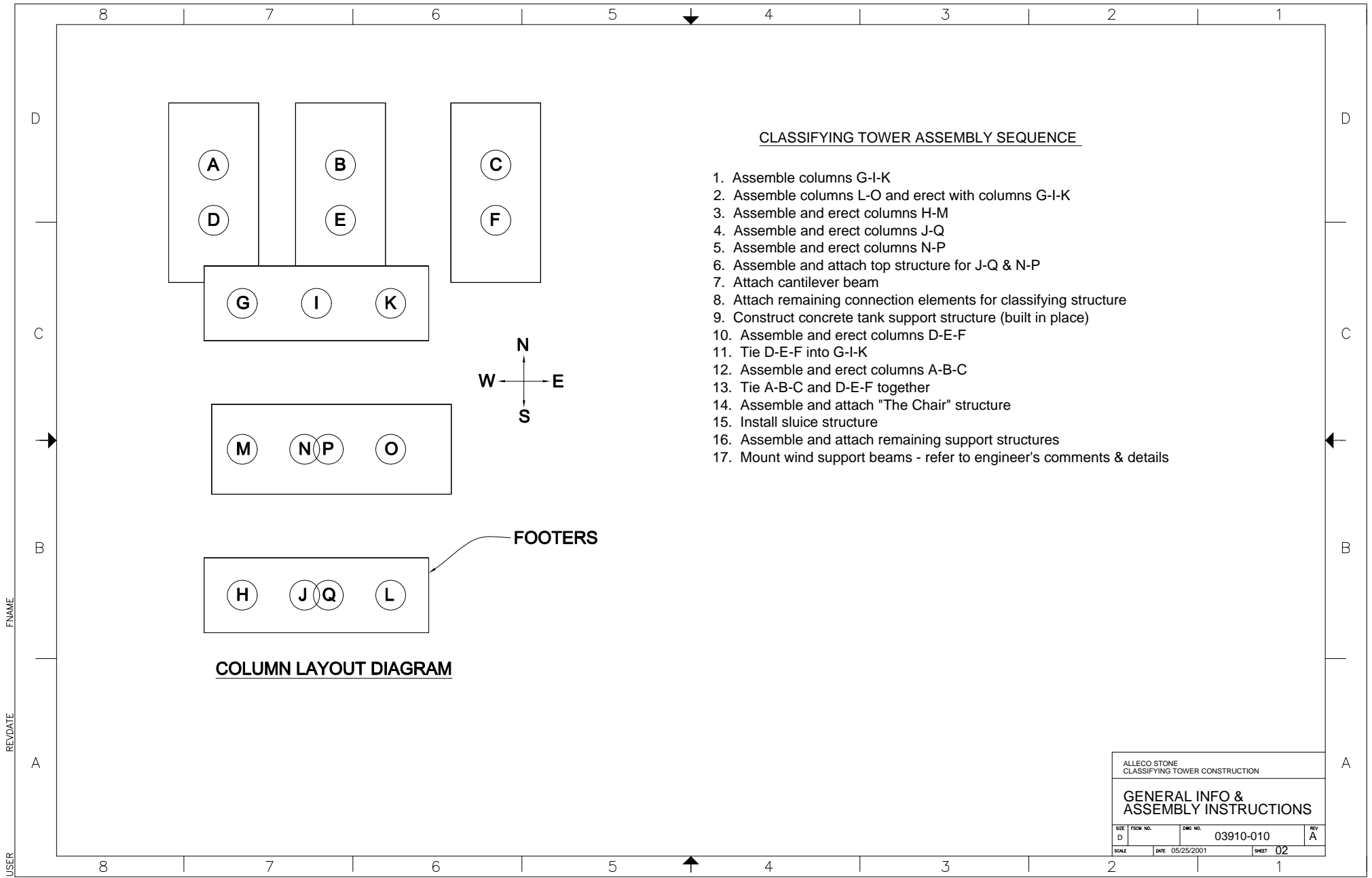
ALLECO STONE CLASSIFYING TOWER CONSTRUCTION



SHEET INDEX

- 01 - Title Sheet
- 02 - General Info & Assembly Instructions
- 03 - G-I-K Assembly
- 04 - L-O Column Assembly
- 05 - H-M Column Assembly
- 06 - J-Q Column Assembly
- 07 - N-P Column Assembly
- 08 - Top Structure for J-Q & N-P
- 09 - Catilever Beam
- 10 - Remaining Connection Elements
- 11 - Concrete Tank Support Structure
- 12 - D-E-F Column Assembly
- 13 - D-E-F & G-I-K Connection Elements
- 14 - A-B-C Column Assembly
- 15 - A-B-C & D-E-F Connection Elements
- 16 - "The Chair" Assembly
- 17 - Sluice Installation
- 18 - Remaining Support Structure 1
- 19 - Remaining Support Structure 2

ALLECO STONE CLASSIFYING TOWER CONSTRUCTION			
TITLE SHEET			
SIZE	FSOM NO.	DWG NO.	REV
D		03910-009	B
SCALE	DATE	SHEET	
	05/25/2001	01	



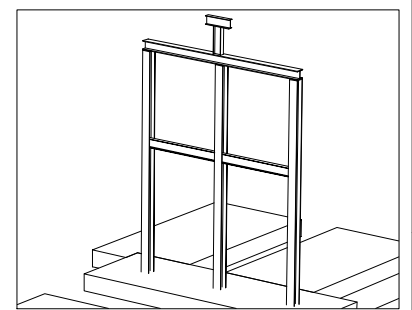
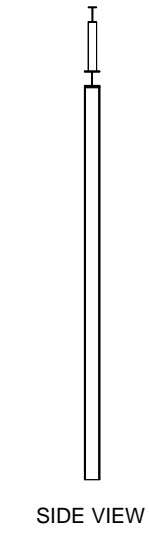
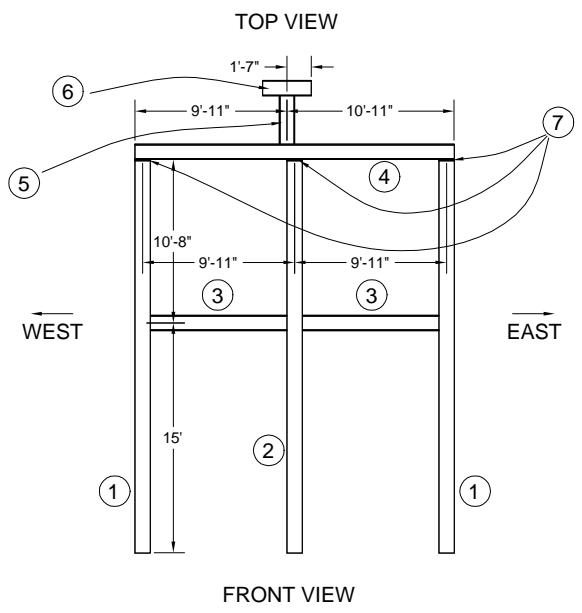
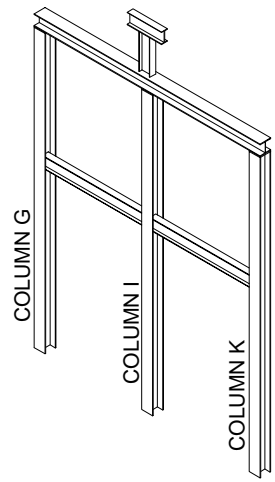
COLUMN LAYOUT DIAGRAM

FOOTERS

ALLECO STONE CLASSIFYING TOWER CONSTRUCTION			
GENERAL INFO & ASSEMBLY INSTRUCTIONS			
SIZE	FSCM NO.	DWG NO.	REV
D		03910-010	A
SCALE	DATE	SHEET	
	05/25/2001	02	

STEEL SCHEDULE

- ① W 12x65 25'-7"
- ② W 12x72 25'-7"
- ③ W12x26 9'-10 1/2"
- ④ W12x30 20'-10"
- ⑤ W6x9 3'-2"
- ⑥ w12x14 3'-2"
- ⑦ 12"x12"x1" PLATE



ALLECO STONE CLASSIFYING TOWER CONSTRUCTION			
G-I-K COLUMN ASSEMBLY			
SIZE	FSCM NO.	DWG NO.	REV
D		03910-011	A
SCALE	DATE	SHEET	
	05/25/2001	03	

8 7 6 5 4 3 2 1

D

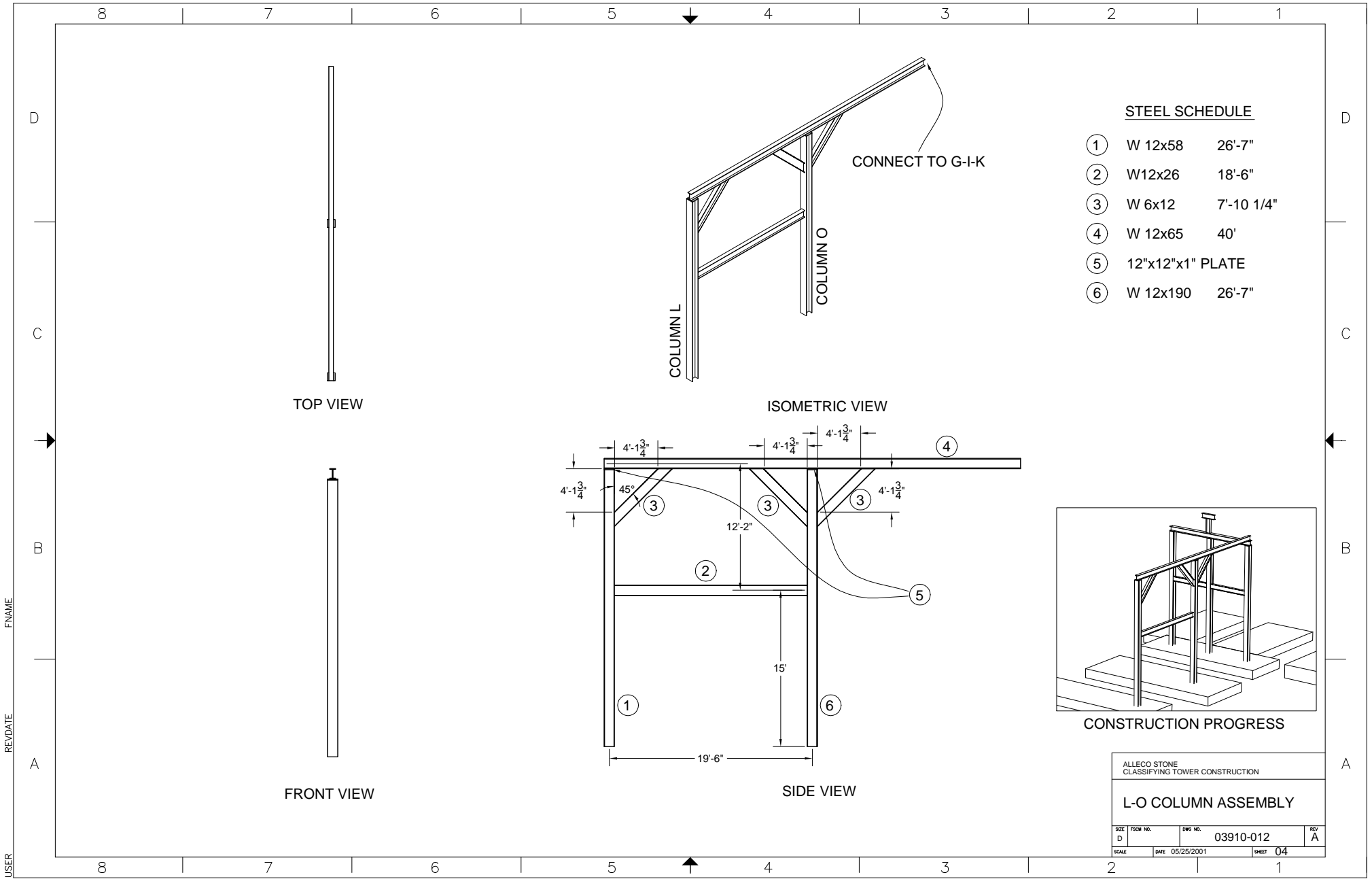
C

B

A

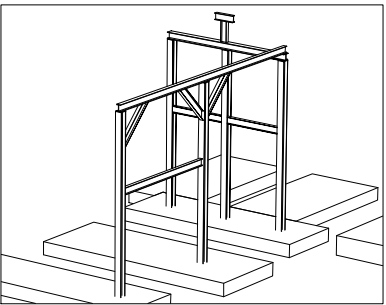
8 7 6 5 4 3 2 1

USER REVD/DATE FNAME



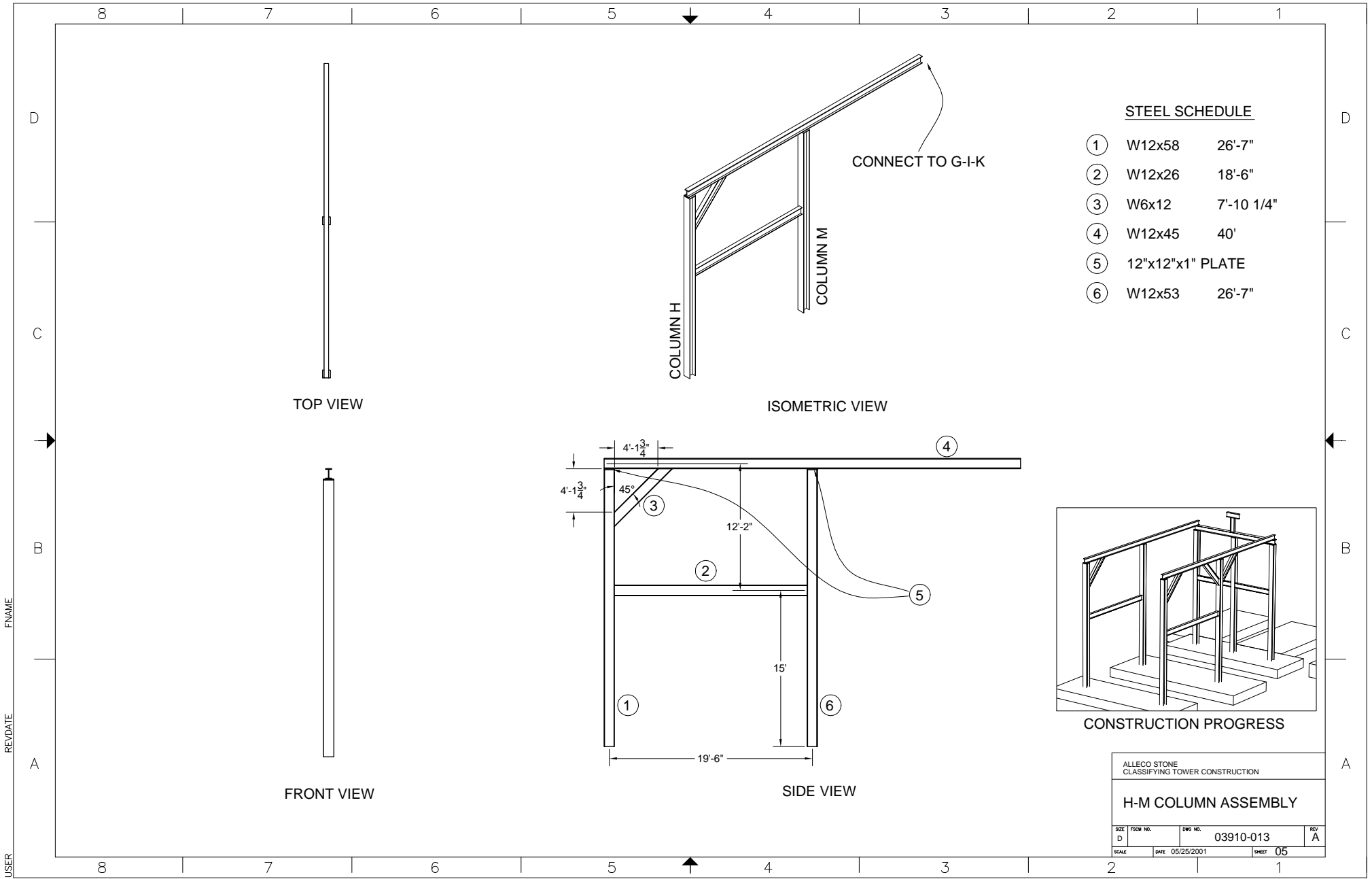
STEEL SCHEDULE

- ① W 12x58 26'-7"
- ② W12x26 18'-6"
- ③ W 6x12 7'-10 1/4"
- ④ W 12x65 40'
- ⑤ 12"x12"x1" PLATE
- ⑥ W 12x190 26'-7"



CONSTRUCTION PROGRESS

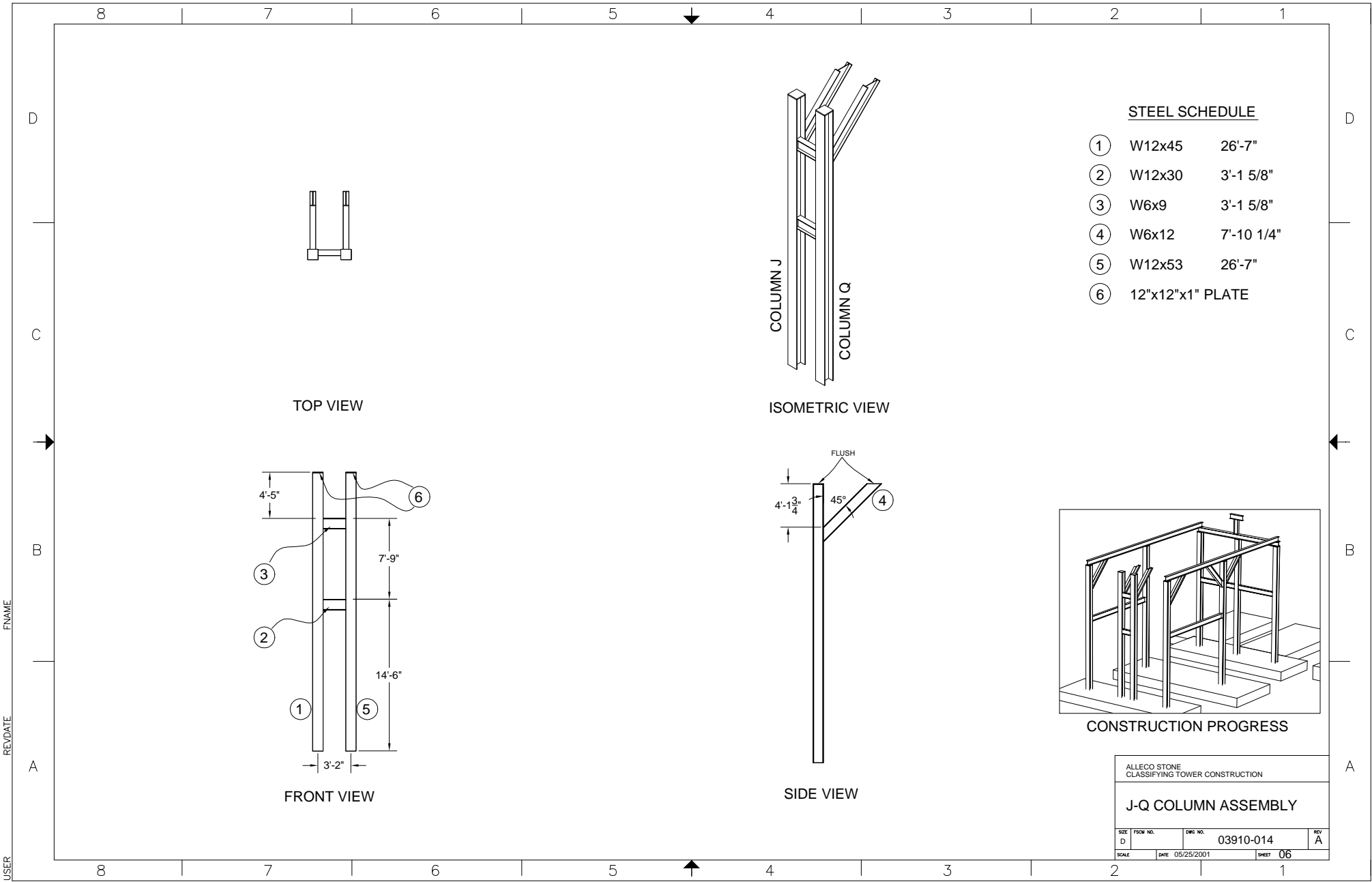
ALLECO STONE CLASSIFYING TOWER CONSTRUCTION			
L-O COLUMN ASSEMBLY			
SIZE	FSCM NO.	DWG NO.	REV
D		03910-012	A
SCALE	DATE	SHEET	
	05/25/2001	04	



ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

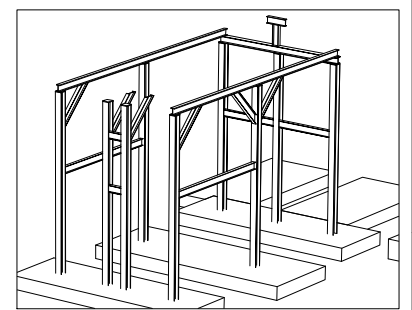
H-M COLUMN ASSEMBLY

SIZE	FSCM NO.	DWG NO.	REV
D		03910-013	A
SCALE	DATE	SHEET	
	05/25/2001	05	



STEEL SCHEDULE

①	W12x45	26'-7"
②	W12x30	3'-1 5/8"
③	W6x9	3'-1 5/8"
④	W6x12	7'-10 1/4"
⑤	W12x53	26'-7"
⑥	12"x12"x1" PLATE	

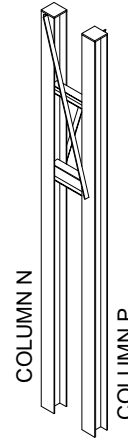


CONSTRUCTION PROGRESS

ALLECO STONE CLASSIFYING TOWER CONSTRUCTION			
J-Q COLUMN ASSEMBLY			
SIZE	FSCM NO.	DWG NO.	REV
D		03910-014	A
SCALE	DATE	SHEET	
	05/25/2001	06	

STEEL SCHEDULE

- ① W12x65 26'-7"
- ② W12x53 3'-1 5/8"
- ③ W6x12 3'-1 5/8"
- ④ 6"x6"x0.5" L 11'-1 1/2"
- ⑤ 12"x12"x1" PLATE
- ⑥ W12x53 26'-7"



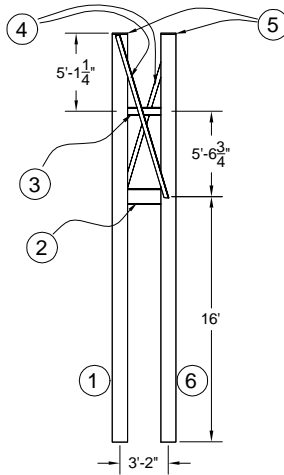
ISOMETRIC VIEW



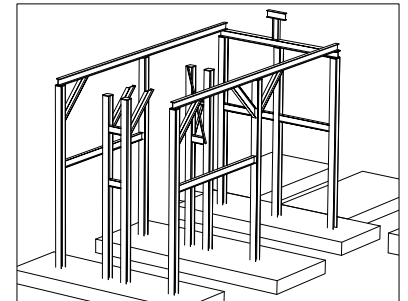
SIDE VIEW



TOP VIEW



FRONT VIEW

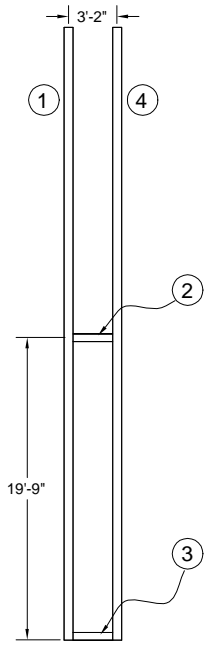


CONSTRUCTION PROGRESS

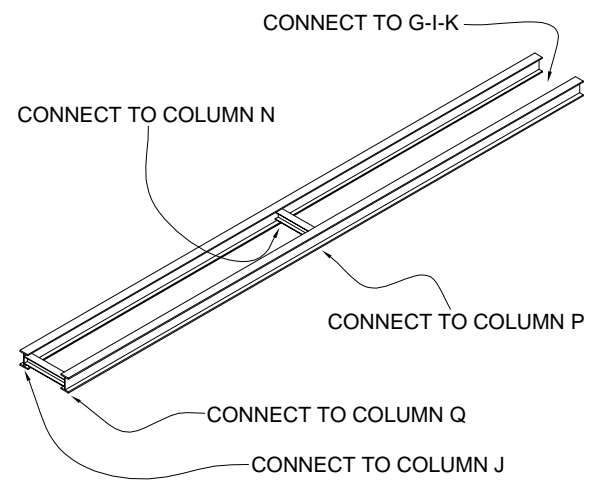
ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

N-P COLUMN ASSEMBLY

SIZE	FSCM NO.	DWG NO.	REV
D		03910-015	A
SCALE	DATE	SHEET	
	05/25/2001	07	



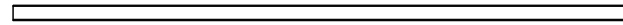
TOP VIEW



ISOMETRIC VIEW

STEEL SCHEDULE

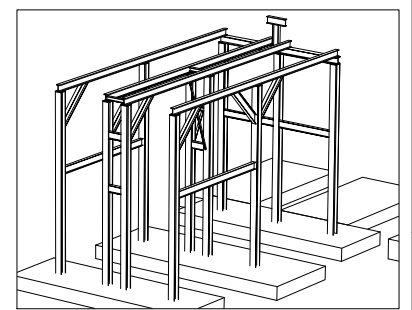
①	W12x45	40
②	W6x12	3'-1 1/2"
③	W6x9	3'-1 1/2"
④	W12x65	40



SIDE VIEW



FRONT VIEW



CONSTRUCTION PROGRESS

ALLECO STONE CLASSIFYING TOWER CONSTRUCTION			
TOP STRUCTURE FOR J-Q & N-P			
SIZE	FSCM NO.	DWG NO.	REV
D		03910-016	A
SCALE	DATE	SHEET	
	05/25/2001	08	

8 7 6 5 4 3 2 1

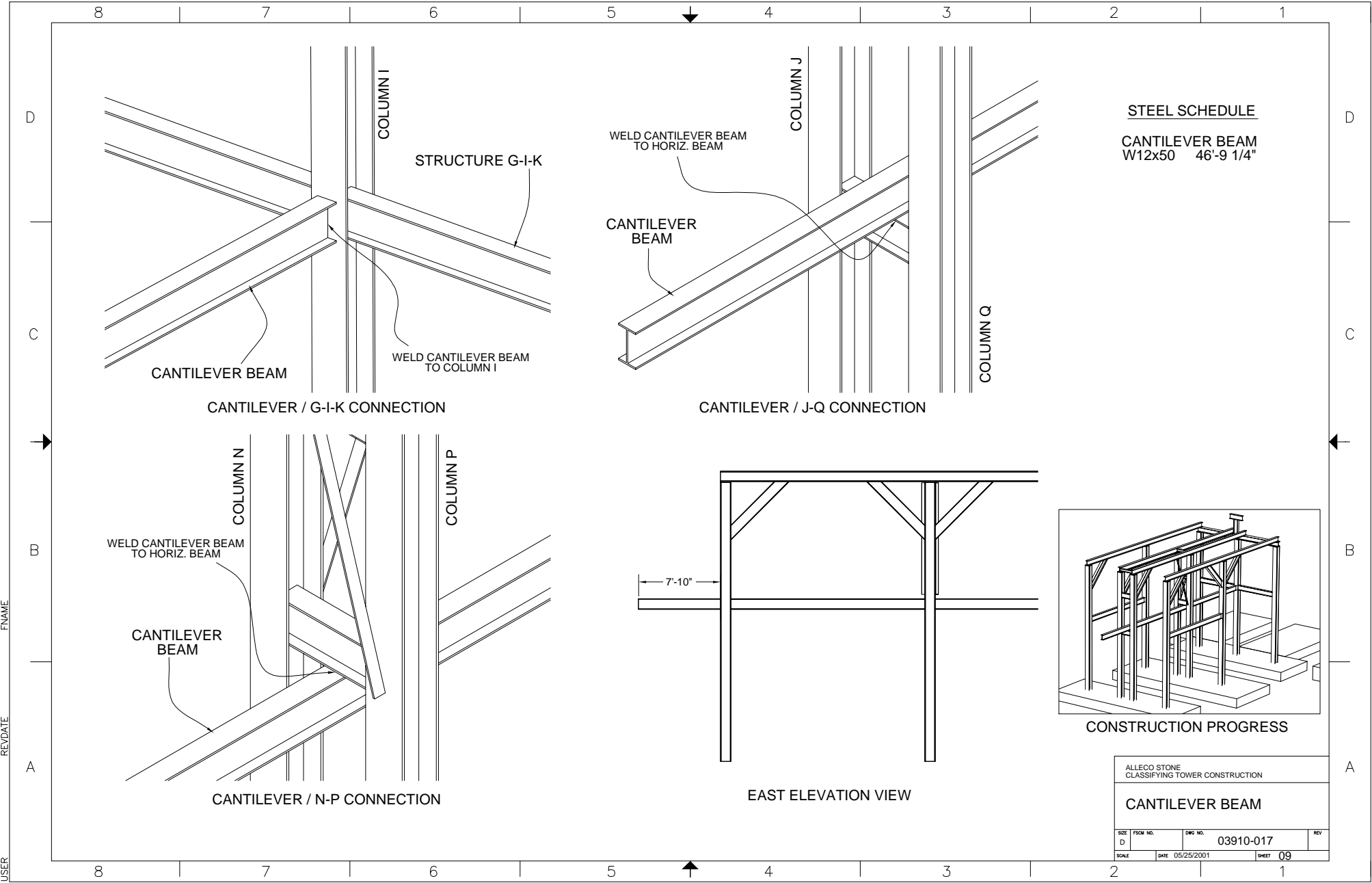
D

C

B

A

USER REVDATE FNAME



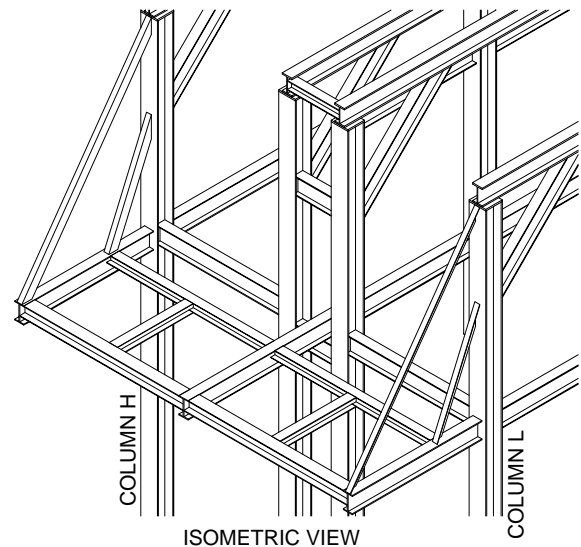
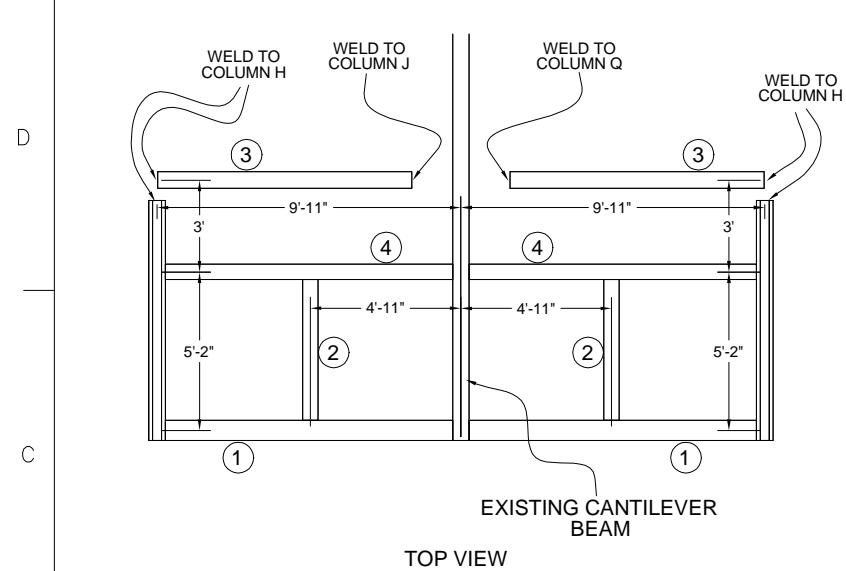
USER REVD/DATE FNAME

ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

CANTILEVER BEAM

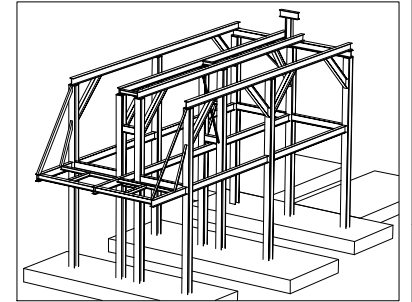
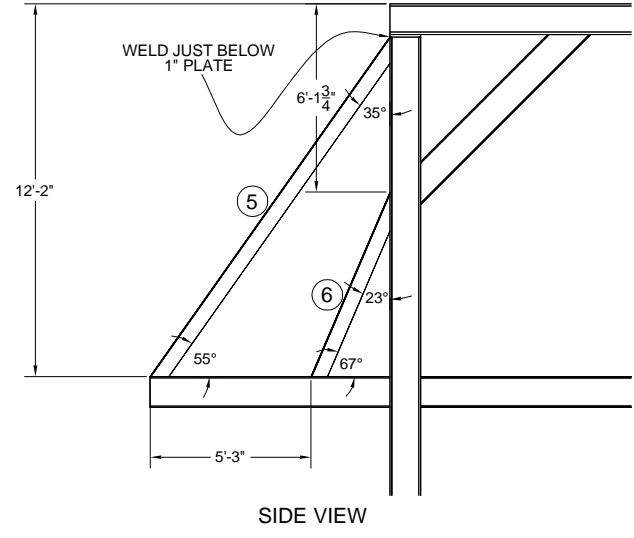
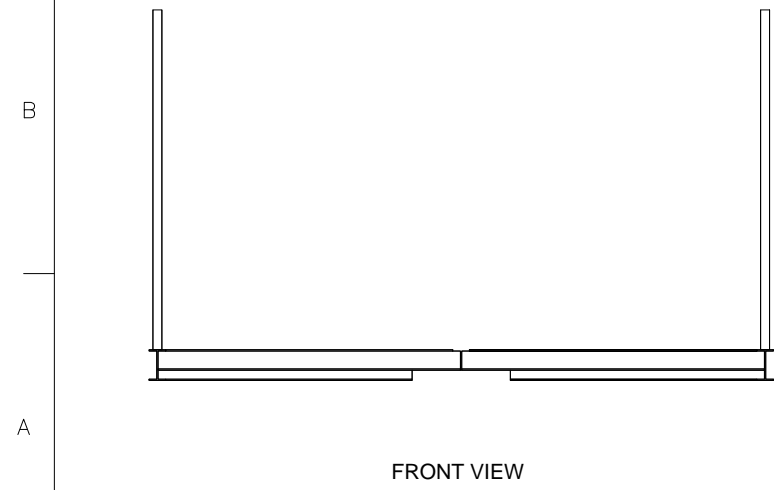
SIZE	FSCM NO.	DWG NO.	REV
D		03910-017	
SCALE	DATE	SHEET	
	05/25/2001	09	

8 7 6 5 4 3 2 1



STEEL SCHEDULE

①	W8x18	9'-10 1/2"
②	W6x9	8'-1 5/8"
③	W6x15	8'-3 1/2"
④	W6x12	9'-11"
⑤	3.5x6x.3125 L	13'-7"
⑥	3.5x6x.3125 L	6'-6 1/2"



ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

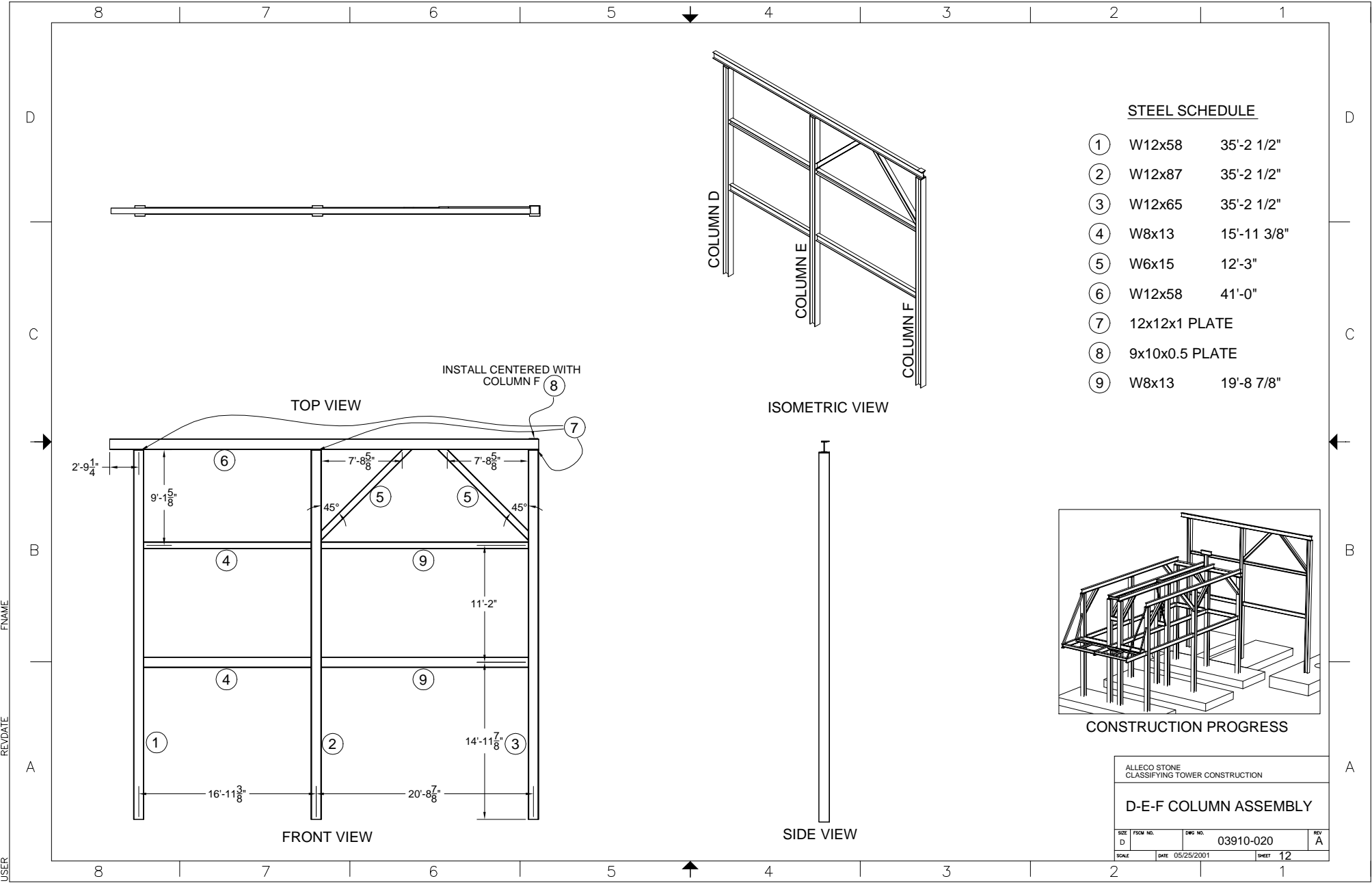
**CONCRETE TANK
SUPPORT STRUCTURE**

SIZE	FSCM NO.	DWG NO.	REV
D		03910-019	A
SCALE	DATE	SHEET	
	05/25/2001	11	

8 7 6 5 4 3 2 1

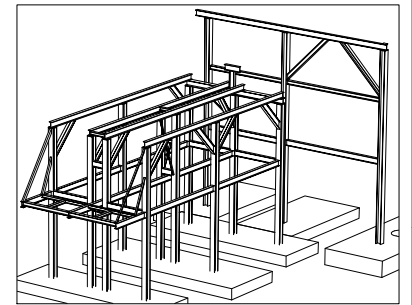
USER
REVDATE
FNAME

D
C
B
A



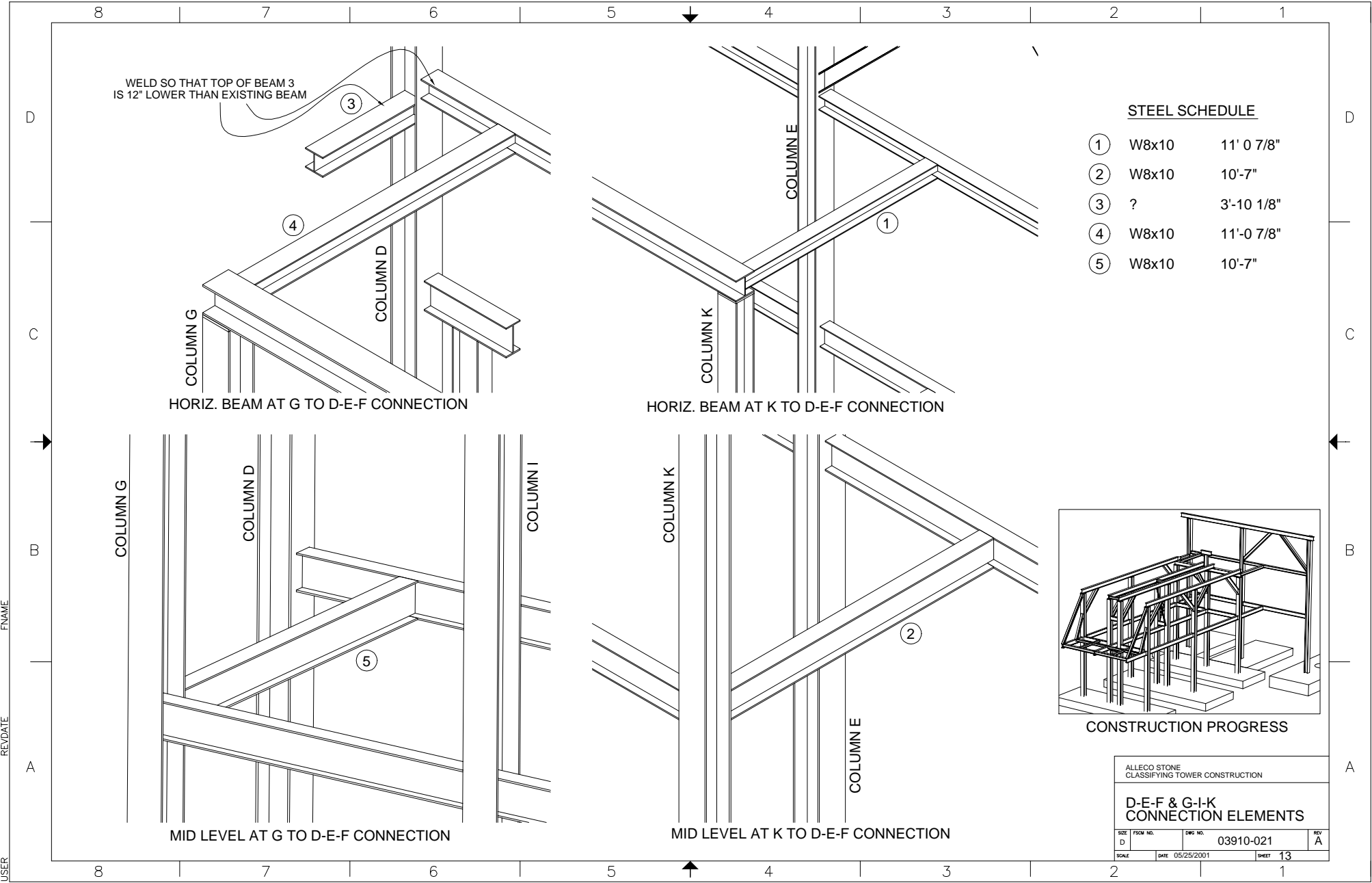
STEEL SCHEDULE

①	W12x58	35'-2 1/2"
②	W12x87	35'-2 1/2"
③	W12x65	35'-2 1/2"
④	W8x13	15'-11 3/8"
⑤	W6x15	12'-3"
⑥	W12x58	41'-0"
⑦	12x12x1 PLATE	
⑧	9x10x0.5 PLATE	
⑨	W8x13	19'-8 7/8"



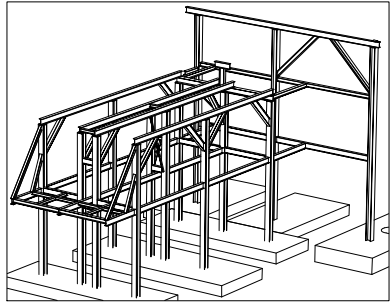
CONSTRUCTION PROGRESS

ALLECO STONE CLASSIFYING TOWER CONSTRUCTION			
D-E-F COLUMN ASSEMBLY			
SIZE	FSCM NO.	DWG NO.	REV
D		03910-020	A
SCALE	DATE	SHEET	
	05/25/2001	12	



STEEL SCHEDULE

①	W8x10	11' 0 7/8"
②	W8x10	10'-7"
③	?	3'-10 1/8"
④	W8x10	11'-0 7/8"
⑤	W8x10	10'-7"



CONSTRUCTION PROGRESS

ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

**D-E-F & G-I-K
CONNECTION ELEMENTS**

SIZE	FSCM NO.	DWG NO.	REV
D		03910-021	A
SCALE	DATE	SHEET	
	05/25/2001	13	

8 7 6 5 4 3 2 1

D

C

B

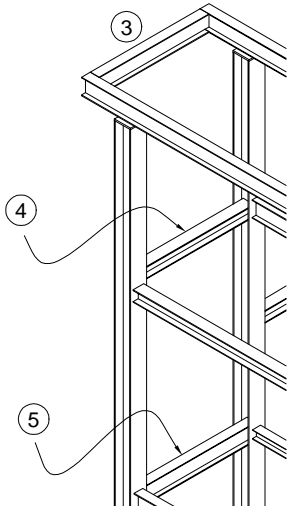
A

D

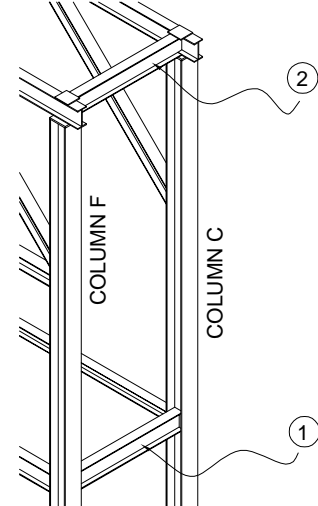
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B

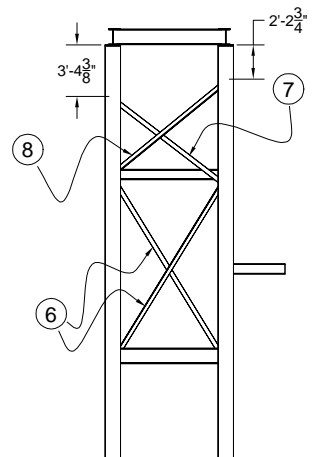
A



COLUMN A TO COLUMN D CONNECTION



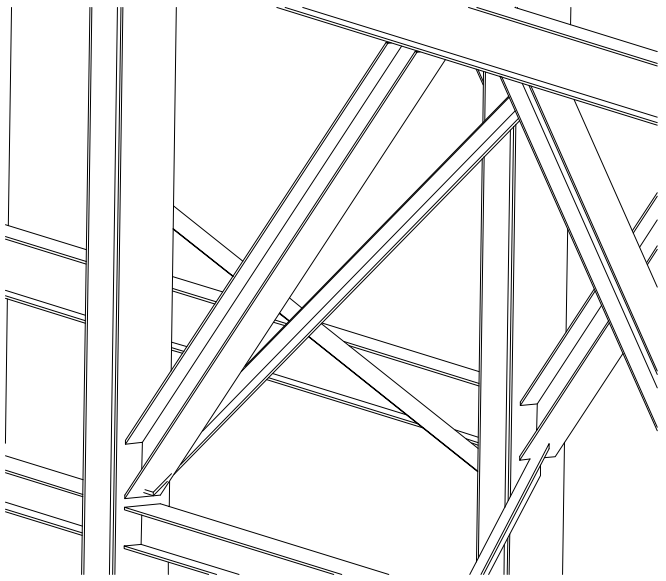
COLUMN F TO COLUMN C CONNECTION



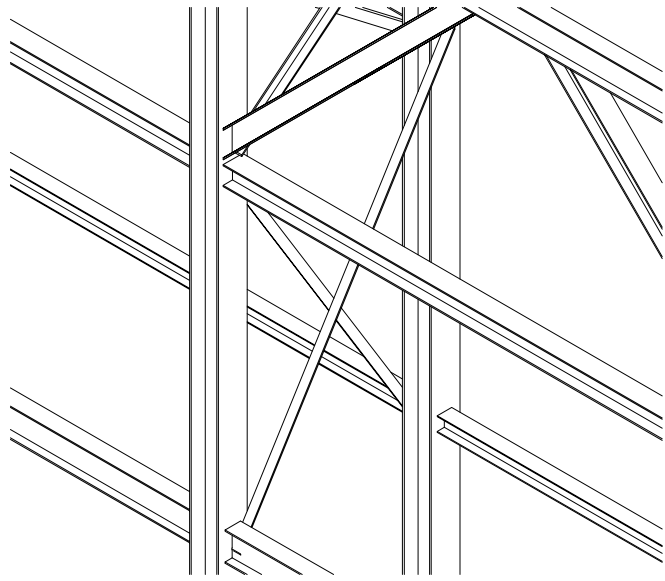
EAST ELEVATION

STEEL SCHEDULE

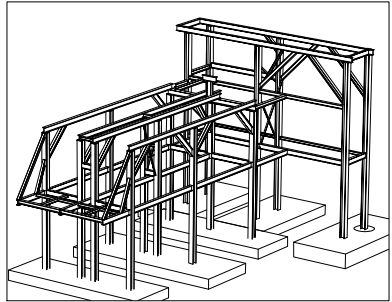
①	W8x13	7'-4 1/8"
②	W12x53	7'-4"
③	W12x53	7'-3 3/4"
④	W8x13	7'-4 1/8"
⑤	W8x13	7'-4 1/8"
⑥	3.5x6x0.375 L	14'-2 5/8"
⑦	3.5x6x0.375 L	9'-3"
⑧	3.5x6x0.375 L	9'-5 5/8"



UPPER X BRACEN CONNECTING COLUMNS B-E



LOWER X BRACEN CONNECTING COLUMNS B-E



CONSTRUCTION PROGRESS

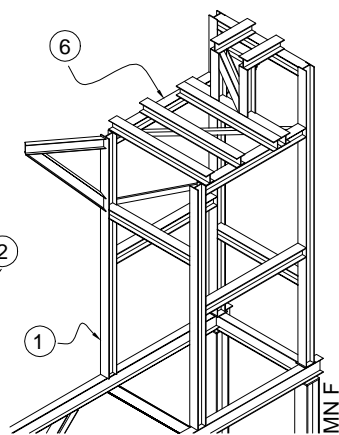
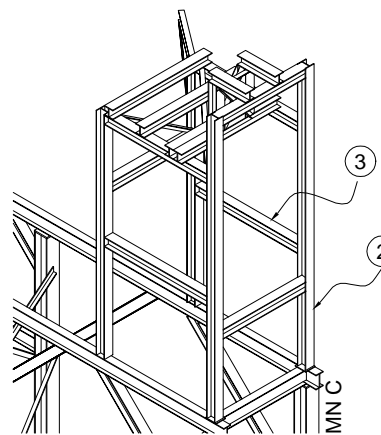
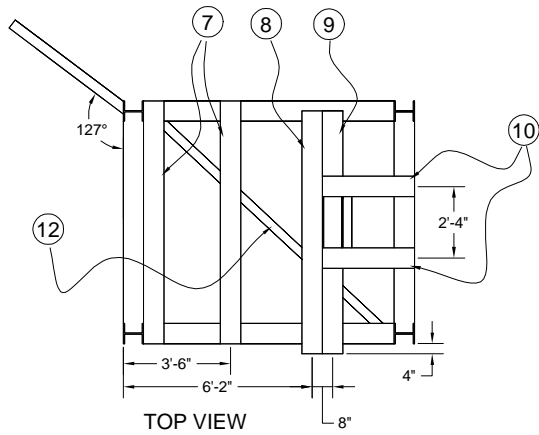
ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

**A-B-C TO D-E-F
CONNECTION ELEMENTS**

SIZE	FSCM NO.	DWG NO.	REV
D		03910-023	A
SCALE	DATE	SHEET	
	05/25/2001	15	

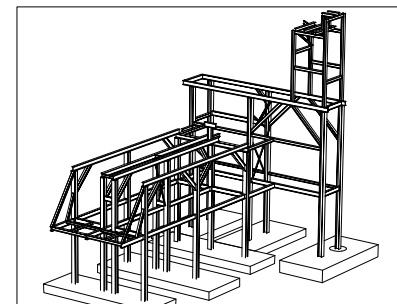
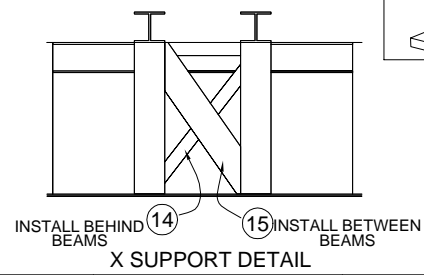
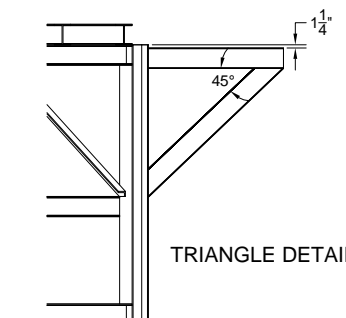
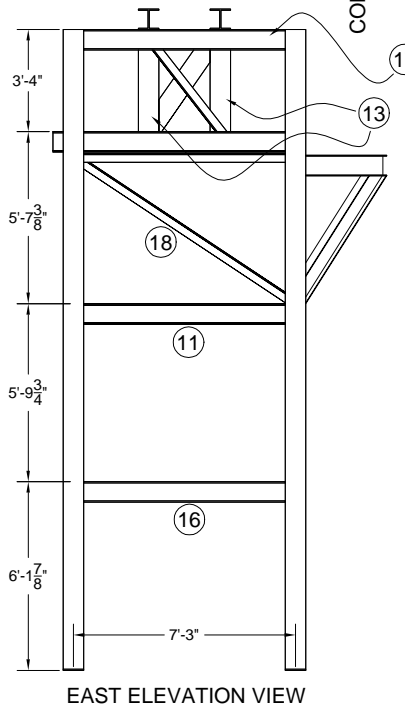
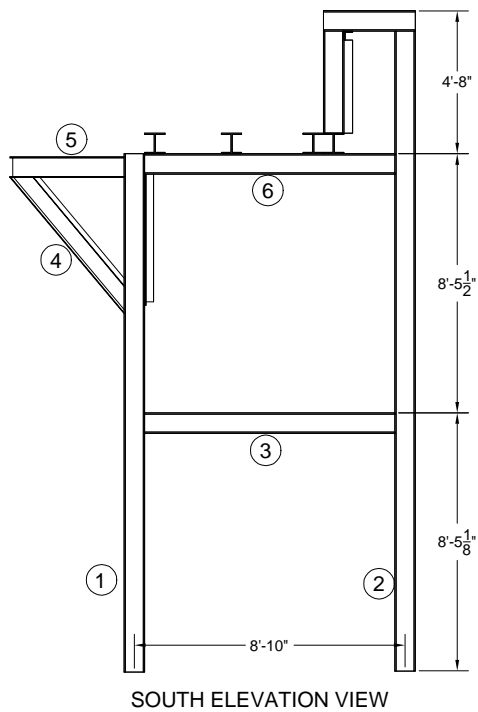
8 7 6 5 4 3 2 1

USER REVD/DATE FNAME



STEEL SCHEDULE

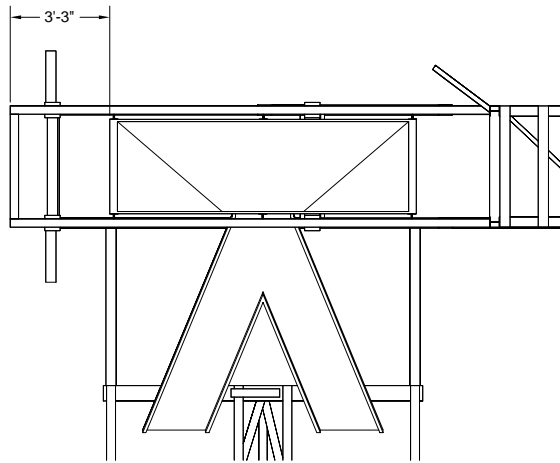
①	W8x40	16'-11"
②	W8x35	20'-10 5/8"
③	W8x10	8'-2"
④	W6x9	6'-1 1/8"
⑤	W12x65	4'-8"
⑥	W8x18	8'-2"
⑦	W8x10	7'-11"
⑧	W8x10	7'-11"
⑨	W8x15	7'-11"
⑩	W8x10	3'
⑪	W12x53	7'-2 1/2"
⑫	3.5x6x.3125 L	10'-6 3/4"
⑬	W8x10	3'-4"
⑭	8x8x.5625 L	3'-10 1/4"
⑮	W8x18	4'
⑯	W8x10	7'-2 1/2"
⑰	W8x15	7'-2 1/2"
⑱	3.5x6x.3125 L	8'-7 7/8"



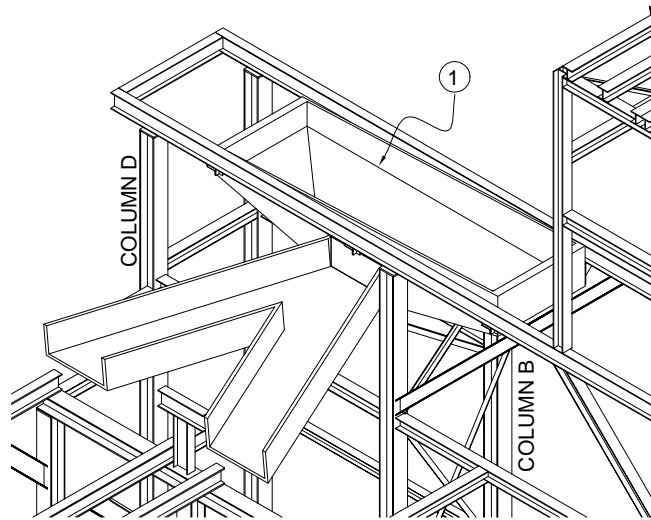
ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

"THE CHAIR" ASSEMBLY

SIZE	FSCM NO.	DWG NO.	REV
D		03910-024	A
SCALE	DATE	SHEET	
	05/25/2001	16	

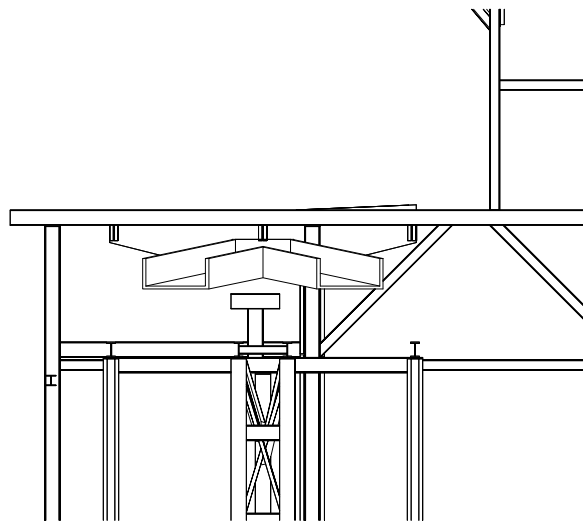


TOP VIEW

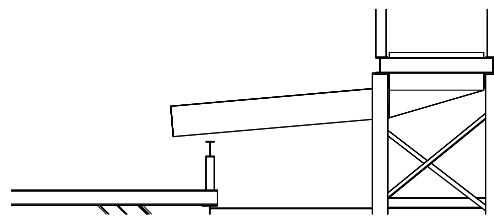


ISOMETRIC VIEW

- STEEL SCHEDULE**
- ① SLUICE STRUCTURE

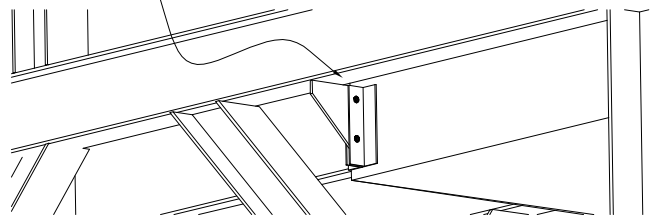


FRONT VIEW

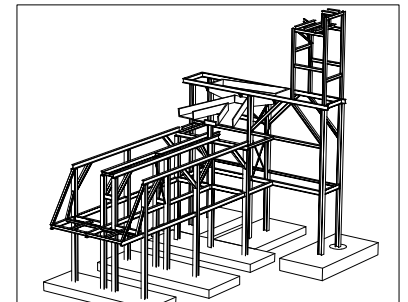


SIDE VIEW

WELD SLUICE FASTENERS
UNDER BEAM FOR CONNECTION



SLUICE CONNECTION DETAIL

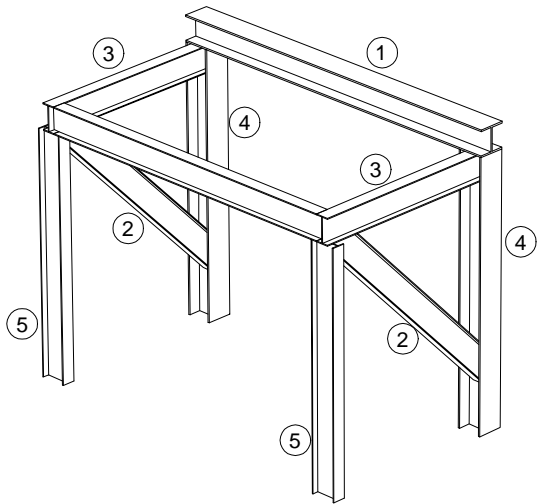


CONSTRUCTION PROGRESS

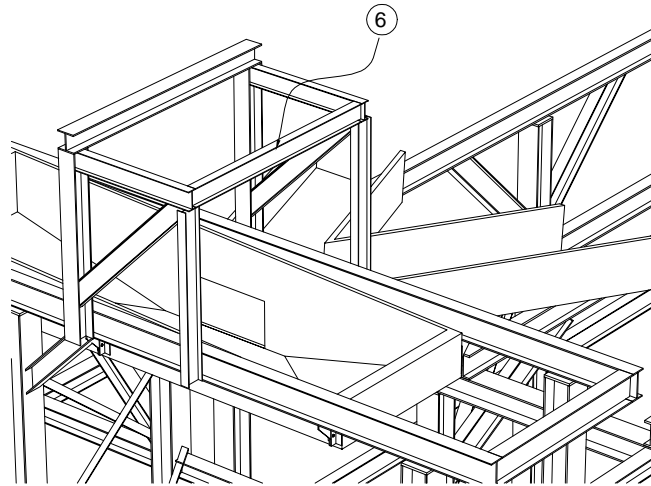
ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

SLUICE INSTALLATION

SIZE	FSCM NO.	DWG NO.	REV
D		03910-025	
SCALE	DATE	SHEET	
	05/25/2001	17	



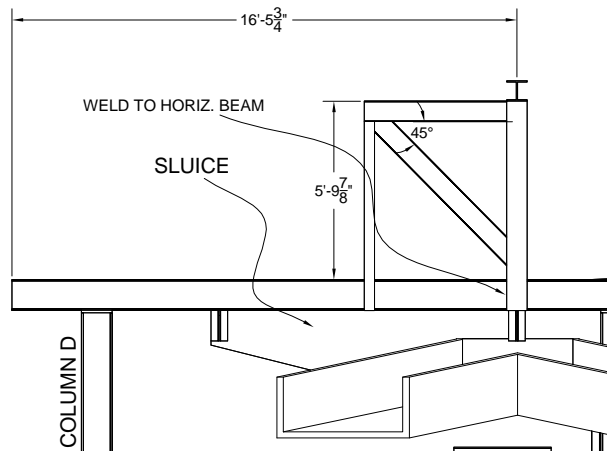
PERSPECTIVE VIEW



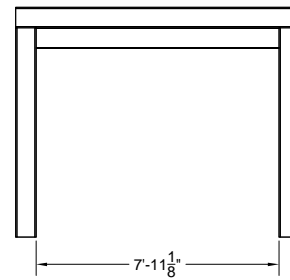
PERSPECTIVE VIEW

STEEL SCHEDULE

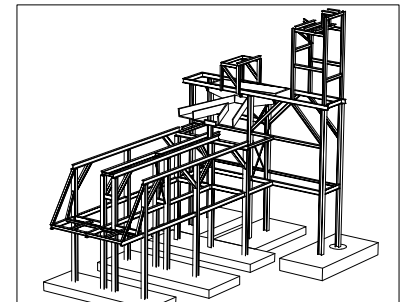
①	W8x10	9'-3 1/8"
②	W8x35	7'-0 3/4"
③	W6x9	4'-11 1/2"
④	W6x15	6'-10"
⑤	W6x15	6'-2"
⑥	W6x9	8'-6 7/8"



FRONT VIEW



SIDE VIEW



CONSTRUCTION PROGRESS

ALLECO STONE
CLASSIFYING TOWER CONSTRUCTION

**REMAINING SUPPORT
STRUCTURE 1**

SIZE	FSCM NO.	DWG NO.	REV
D		03910-026	A
SCALE	DATE	SHEET	
	05/25/2001	18	

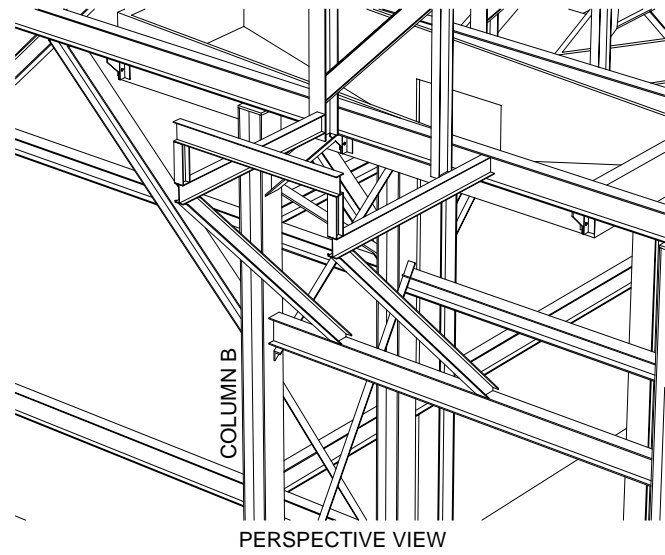
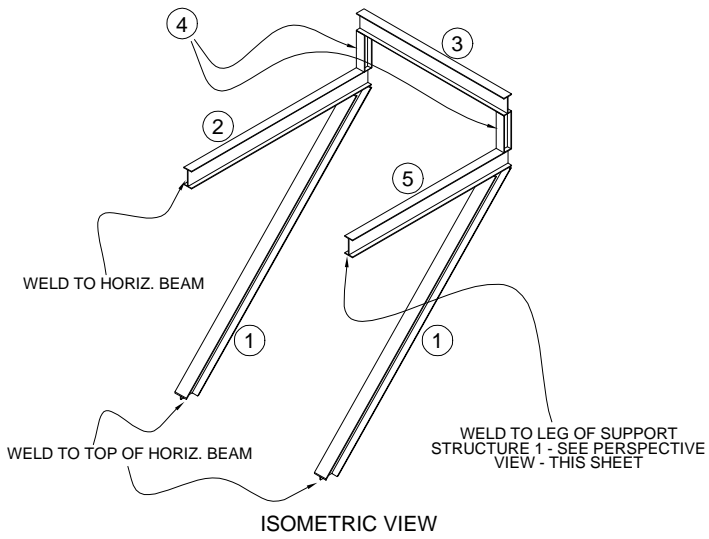
8 7 6 5 4 3 2 1

D

C

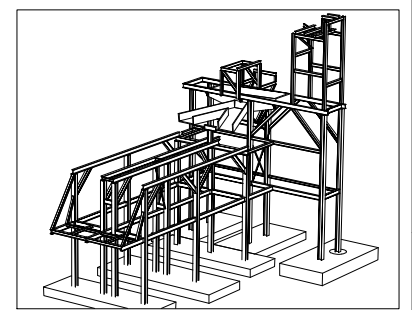
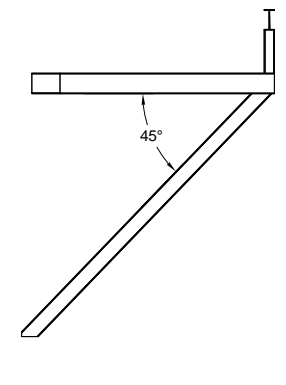
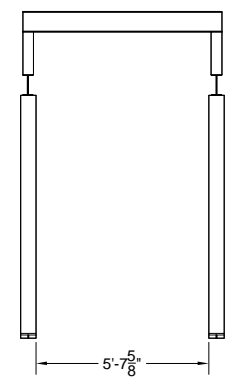
B

A



STEEL SCHEDULE

①	W6x9	11'-4 1/2"
②	W6x9	7'-11"
③	W12x58	6'-6"
④	W6x15	1'-4 7/8"
⑤	W6x9	7'-0"



ALLECO STONE CLASSIFYING TOWER CONSTRUCTION			
REMAINING SUPPORT STRUCTURE 2			
SIZE	FSCM NO.	DWG NO.	REV
D		03910-027	A
SCALE	DATE	SHEET	
	05/25/2001	19	

8 7 6 5 4 3 2 1

USER REVD/DATE FNAME

D

C

B

A