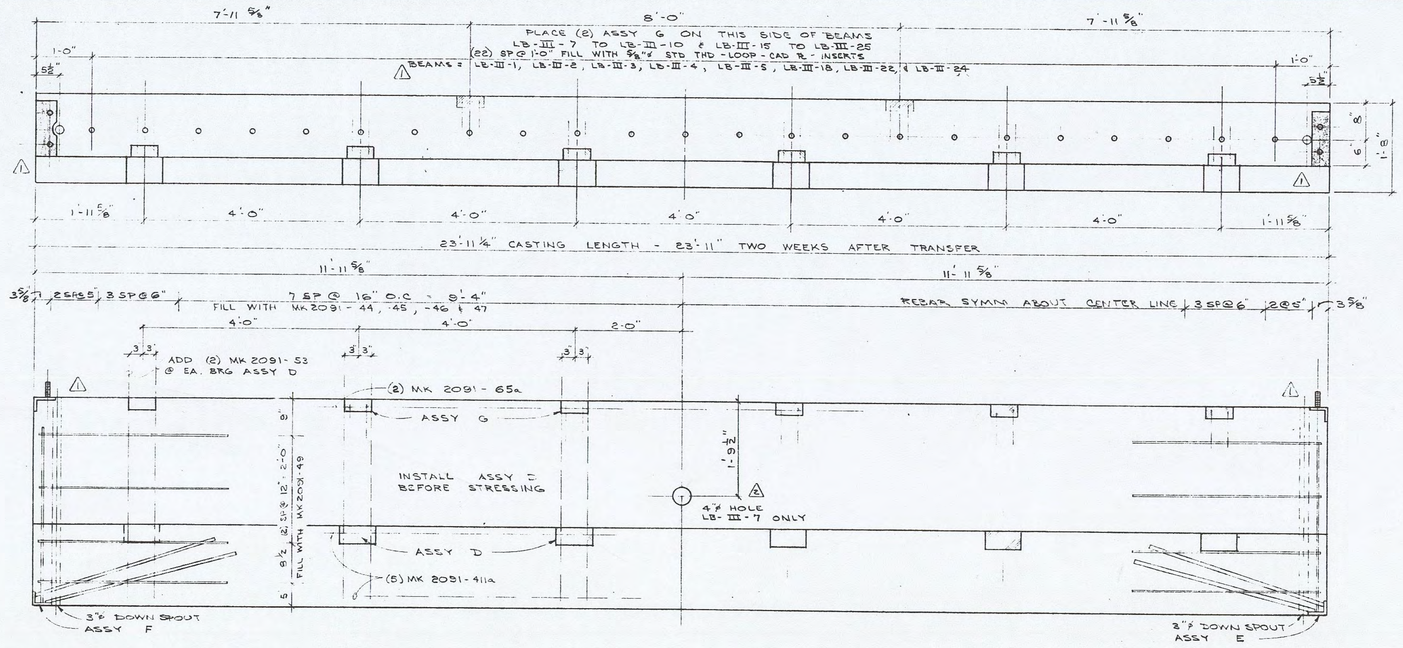
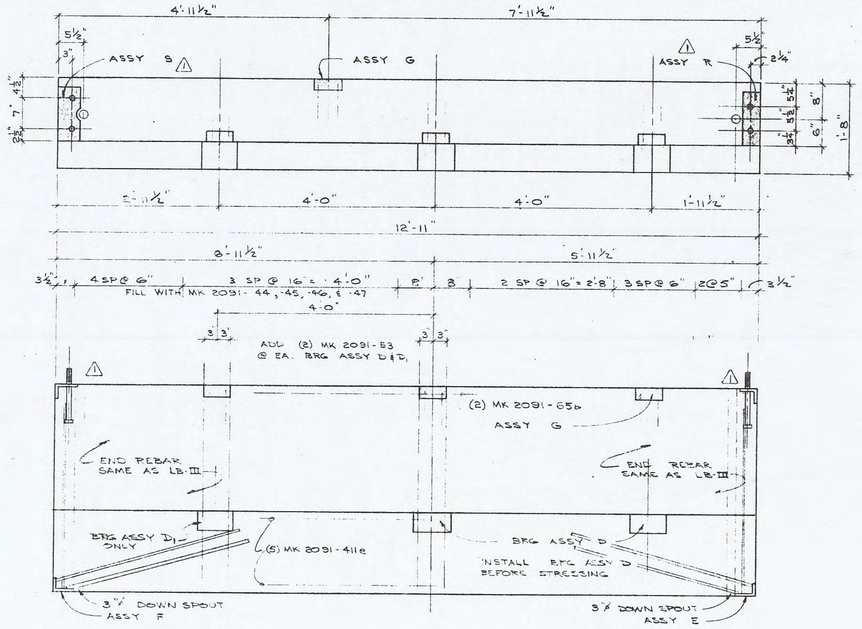
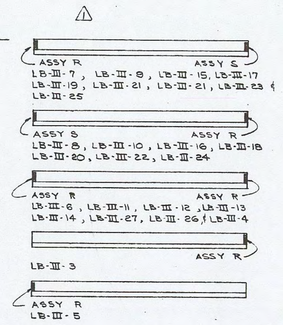


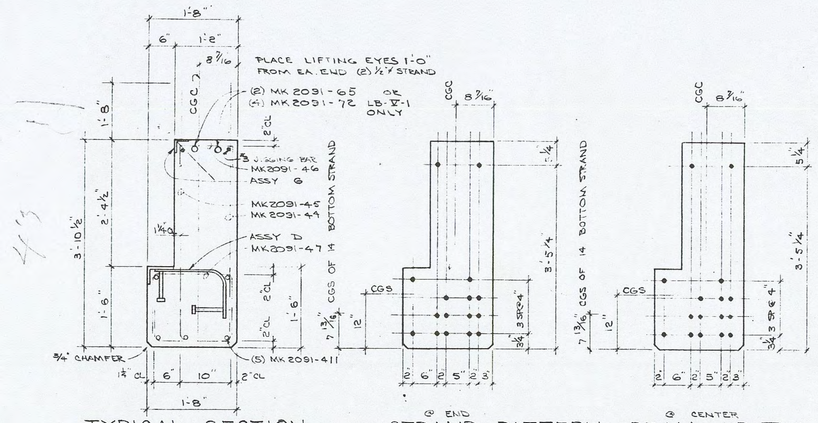
LEDGER BEAM LB-III-1 TO LB-III-27 MAKE 27, WT = 18.97 KIPS, CY = 4.98

NORTH END ON BEAMS = LB-III-2, LB-III-3, LB-III-4, LB-III-5 & LB-III-27
SOUTH END ON BEAMS = LB-III-1 & LB-III-26
WEST END ON BEAMS LB-III-6, LB-III-7, LB-III-8, LB-III-9, LB-III-10, LB-III-11, LB-III-12, LB-III-13, & LB-III-14
EAST END ON BEAMS LB-III-15, LB-III-16, LB-III-17, LB-III-18, LB-III-19, LB-III-20, LB-III-21, LB-III-22, LB-III-23, LB-III-24 & LB-III-25

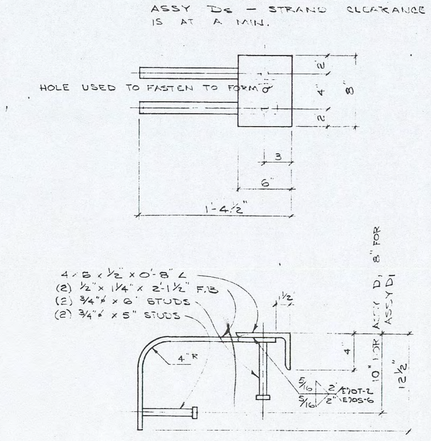


LEDGER BEAM LB-IV-1 MAKE 1, WT 10.28 KIPS, CY = 2.54
WEST END





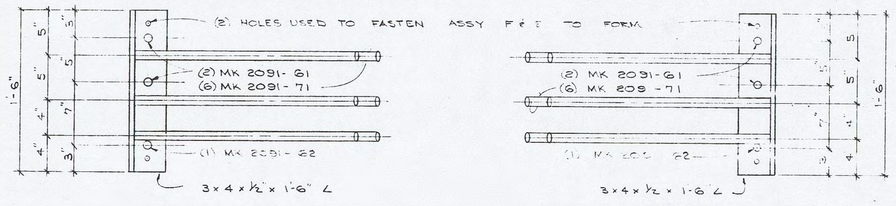
TYPICAL SECTION STRAND PATTERN BEAM LB-III-1 TO LB-III-25
(16) 1/2"ø 270 K STRAND, TENSION TO 28.51 KIPS EA.

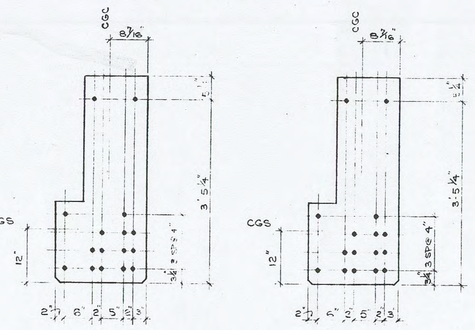


ASSY D & ASSY D1
MAKE 814 MAKE 2

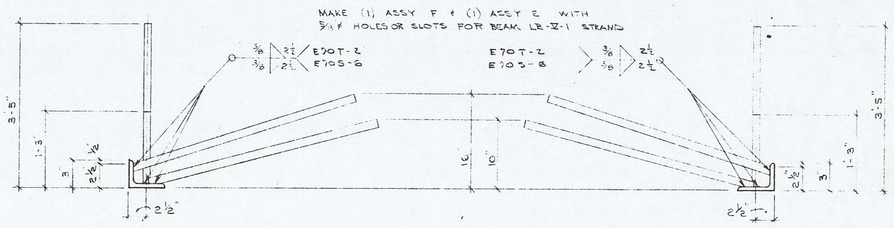
REBAR LIST - THIS SHEET ONLY

MARK	GRADE	DESCRIPTION	SIZE	QUAN
MK 2091-44	40	5'-5" 8" 16 3/8"	#4	705
MK 2091-45	40	5'-5" 8" 11 1/2"	#4	705
MK 2091-46	40	11 1/2" 6"	#4	705
MK 2091-47	40	16 3/8" 14"	#4	705
MK 2091-49	40	8 1/2" 2'-6"	#4	216
MK 2091-53	40	5'-5" 10 3/8"	#4	324
MK 2091-65a	60	1'-6" 8" R	#8	30
-65b	60		#6	2
MK 2091-72a	60	1'-6" 8" R	#7	4
MK 2091-41a	60	8" STD BEND	#4	125
-41b	60		#4	9
-41c	60		#4	9
MK 2091-61	60	3'-4 1/2"	#6	126
MK 2091-62	60	1'-2 1/2"	#6	63
MK 2091-71	60	3'-6"	#7	378



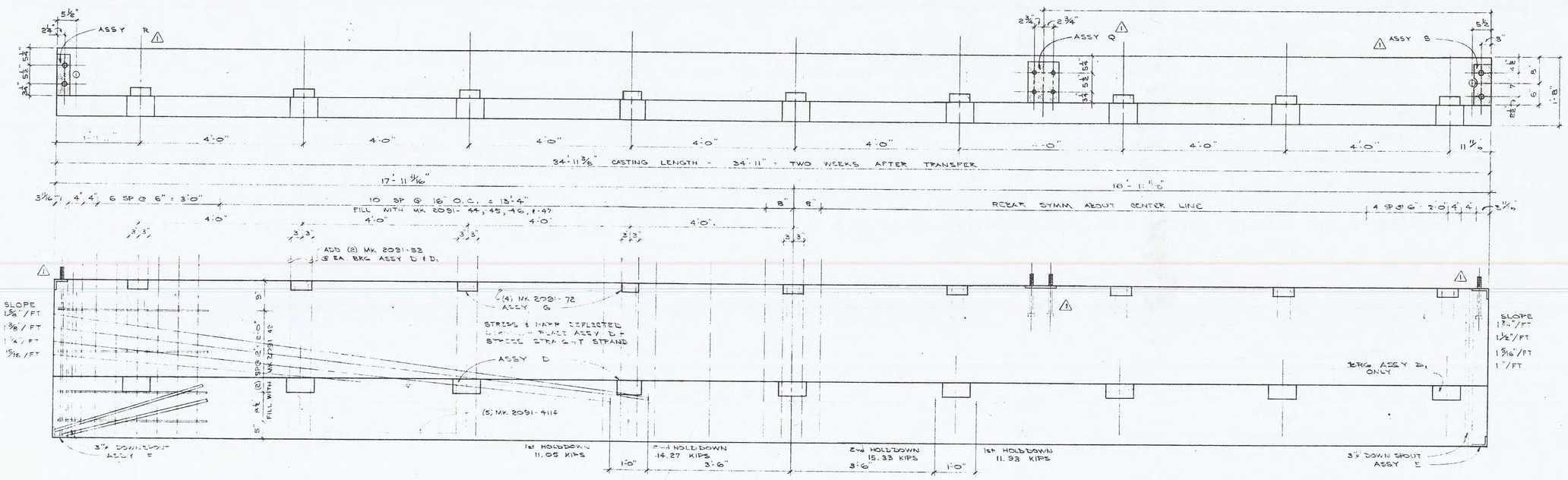


(16) 1/2"ø 270K STRAND, TENSION TO 28.51 KIPS EA.
STRAND PATTERN BEAM LB-IV-1

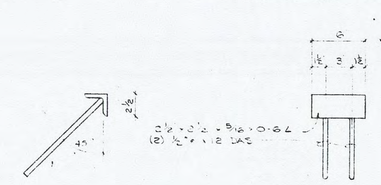


ASSY F
MAKE 31

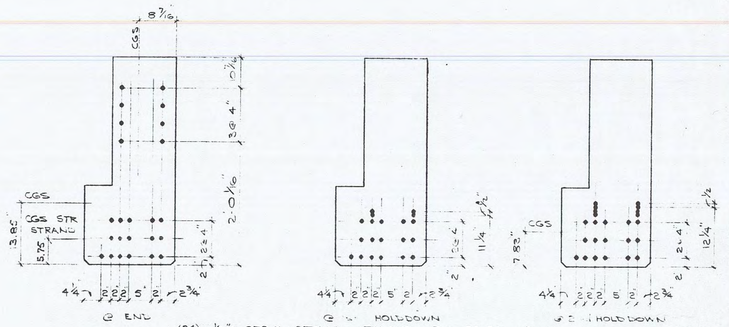
ASSY E
MAKE 32



LEDGER BEAM LB-V-1 MAKE 1, WT = 2[illegible].7 KIPS, CY = 6.83
WEST END



ASSY G
MAKE 257



(24) 1/2"ø 270 K STRAND, TENSION TO 28.51 KIPS EA.
STRAND PATTERN LEDGER BEAM LB-V-1

DATE	REVISION	BY
JAN 24, 93	ADD 3/4"ø HOLES & SLOT INSERTS	ROB WALL
JAN 26, 93	4"ø HOLE	

APPROVED

DRAWN: DATE:
CHECKED: DATE:

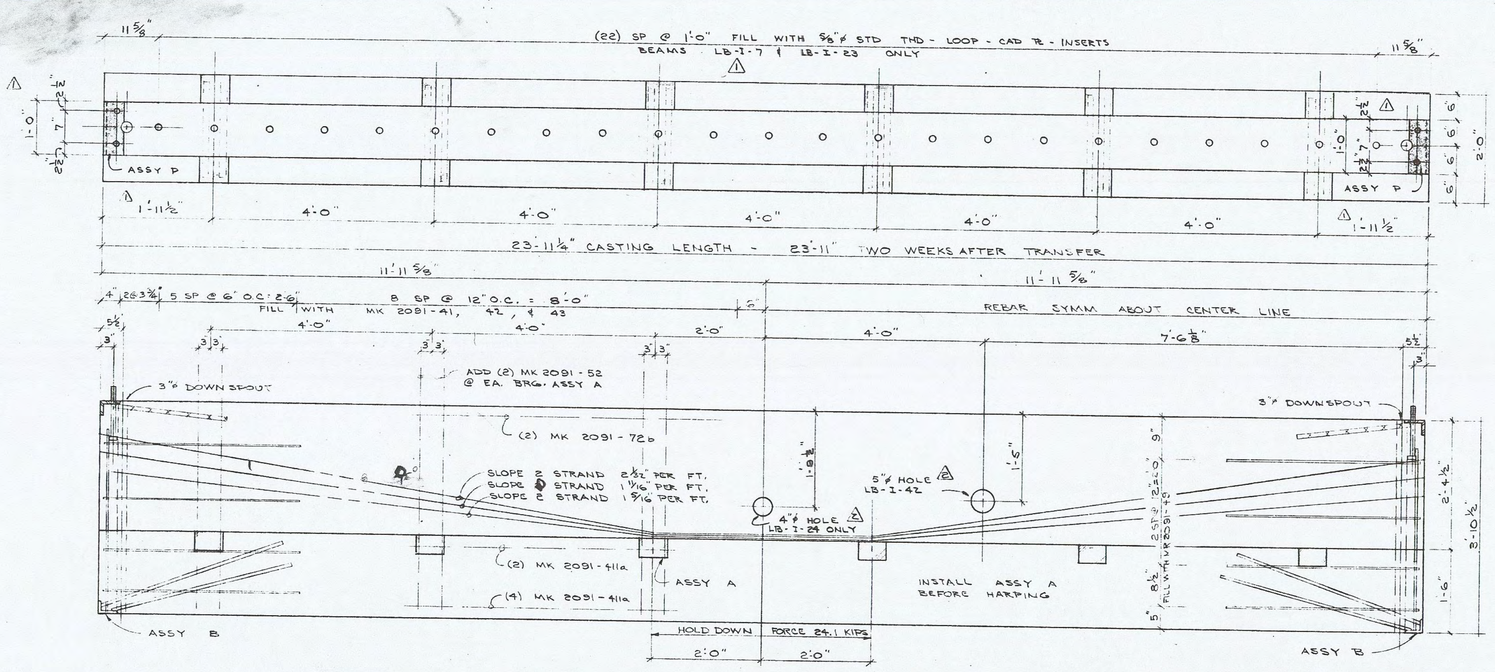
MORSE BROS.
Prestressed Concrete Division
HARRISBURG, OREGON

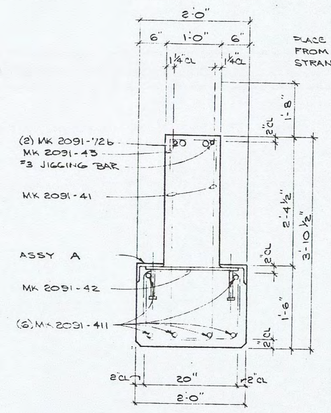
SPRING VILLAGE
SPRINGFIELD, OREGON

PROJECT NO. F-2091
DRAWING NO. EW12
SHEET OF

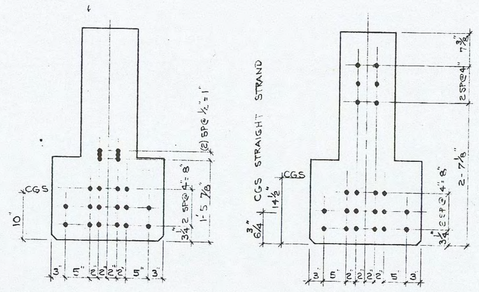
OMIT ASSY P ON NORTH END OF
LB-I-4, LB-I-8, LB-I-12, LB-I-16, LB-I-20
LB-I-24, LB-I-28, & LB-I-32

OMIT ASSY P ON SOUTH END OF
LB-I-36, LB-I-40, & LB-I-44

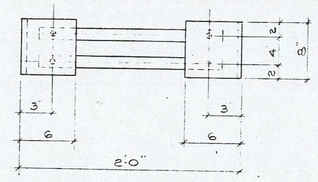


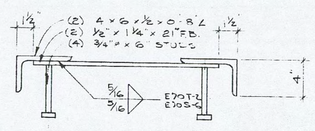


TYP. SECTION

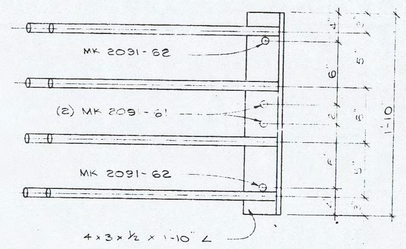


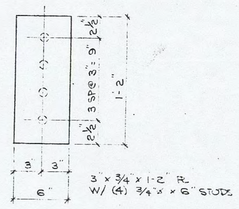
STRAND PATTERN

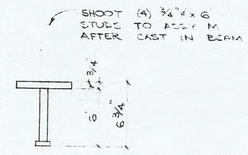




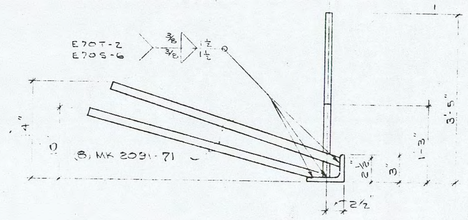
ASSY A
MAKE 330



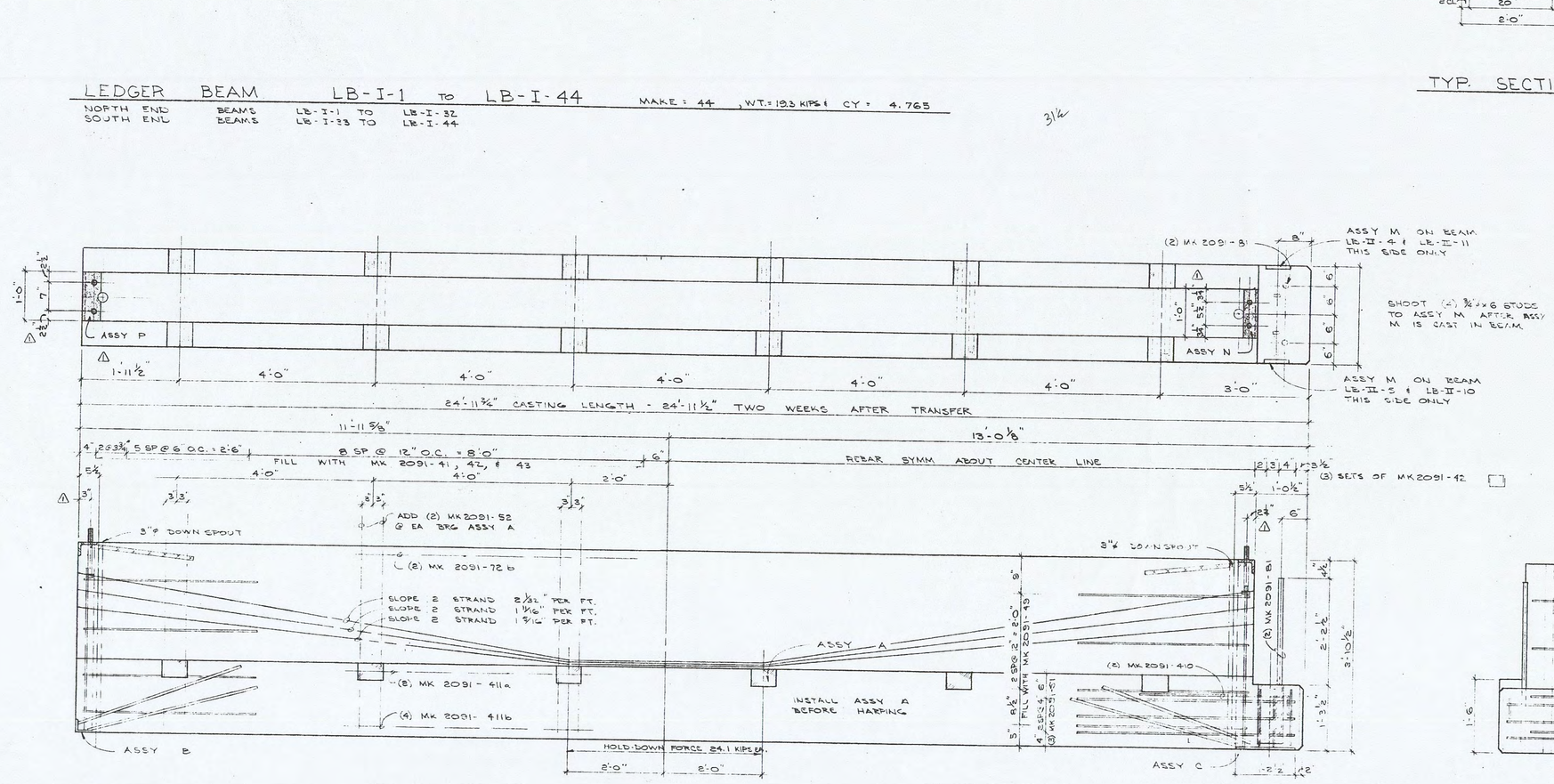


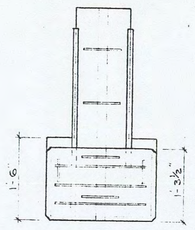


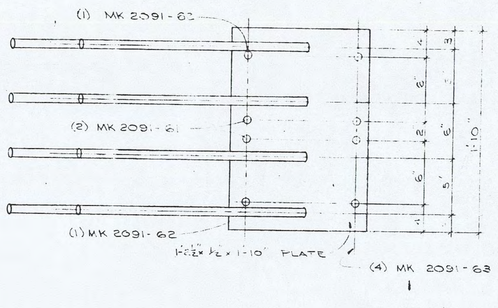
ASSY M
MAKE 4



ASSY B
MAKE 121







LEDGER BEAM LB-I-1 TO LB-I-44 MAKE: 44 , WT.: 193 KIPS & CY: 4.765

NORTH END BEAMS LB-I-1 TO LB-I-32
SOUTH END BEAMS LB-I-33 TO LB-I-44

LEDGER BEAM LB-II-1 TO LB-II-11 MAKE 11 WT: 19.72 KIPS CY: 4.87

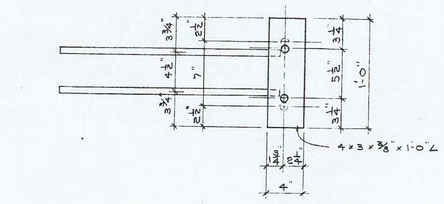
NORTH END BEAMS LB-II-1 TO LB-II-5
SOUTH END BEAMS LB-II-5 TO LB-II-11

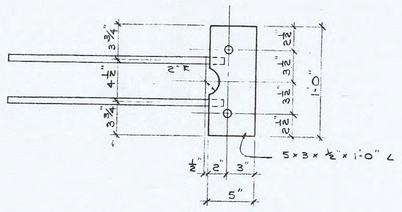
REBAR LIST THIS SHEET

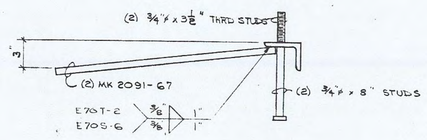
MARK	SPACE	DESCRIPTION	SIZE	QUAN.
MK 2091-41	40	5'-6" 3'-6"	#4	3520
MK 2091-42	40	14"	#4	1826
MK 2091-43	40	5'-6"	#4	1760
MK 2091-49	40	3'-6"	#5	440
MK 2091-51	40	4'-6"	#5	33
MK 2091-410	40	3'-6" 8"		22
MK 2091-411a -411b	60 60	STD. BEND 7" 8 2'-7" 8 24'-7"	#4 #4	286 44
MK 2091-71 MK 2091-72b	60 60	3'-6" HOOK 5" 8 23'-7"	#7 #7	058 110
MK 2091-61 MK 2091-62 MK 2091-63		3'-4½" 1'-2½" 11½"	#6 #6 #6	264 264 44
MK 209-8'	40	2" 4"	#9	22
MK 2091-52	40	5'-6" 9½"	#5	660
MK 2091-67	60	2'-0"	#6	198

NOTES:

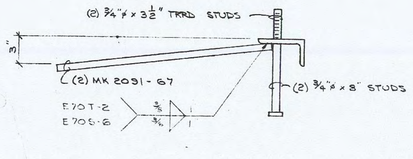
1. CONCRETE STRENGTH : @ TRANSFER : 4000 PSI
   @ 28 DAYS : 6,000 PSI
2. MIX NO. SACK CONTENT
3. SLUMP 2" to 4"
4. AIR % NONE
5. FINISH : TOP : ROUGH
   : OTHER SURFACE : SMOOTH FORM FINISH
6. LABEL ALL BEAMS @ ONE END WITH BEAM NO., END DIRECTION, & DATE IN GREEN CONCRETE
7. CHAMFER BOTTOM & ENDS, BUT NOT THE TOP



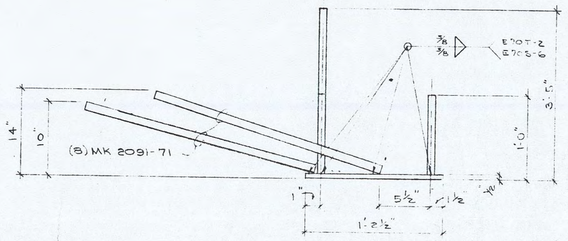




ASSY N
MAKE 11



ASSY P
MAKE 88



ASSY C
MAKE 11

DATE	REVISION	BY	APPROVED
1 JAN 26, 73	ADDED ASSY N & 7 - 5/8" INSERTS	ROB LINN	

DRAWN
DATE:

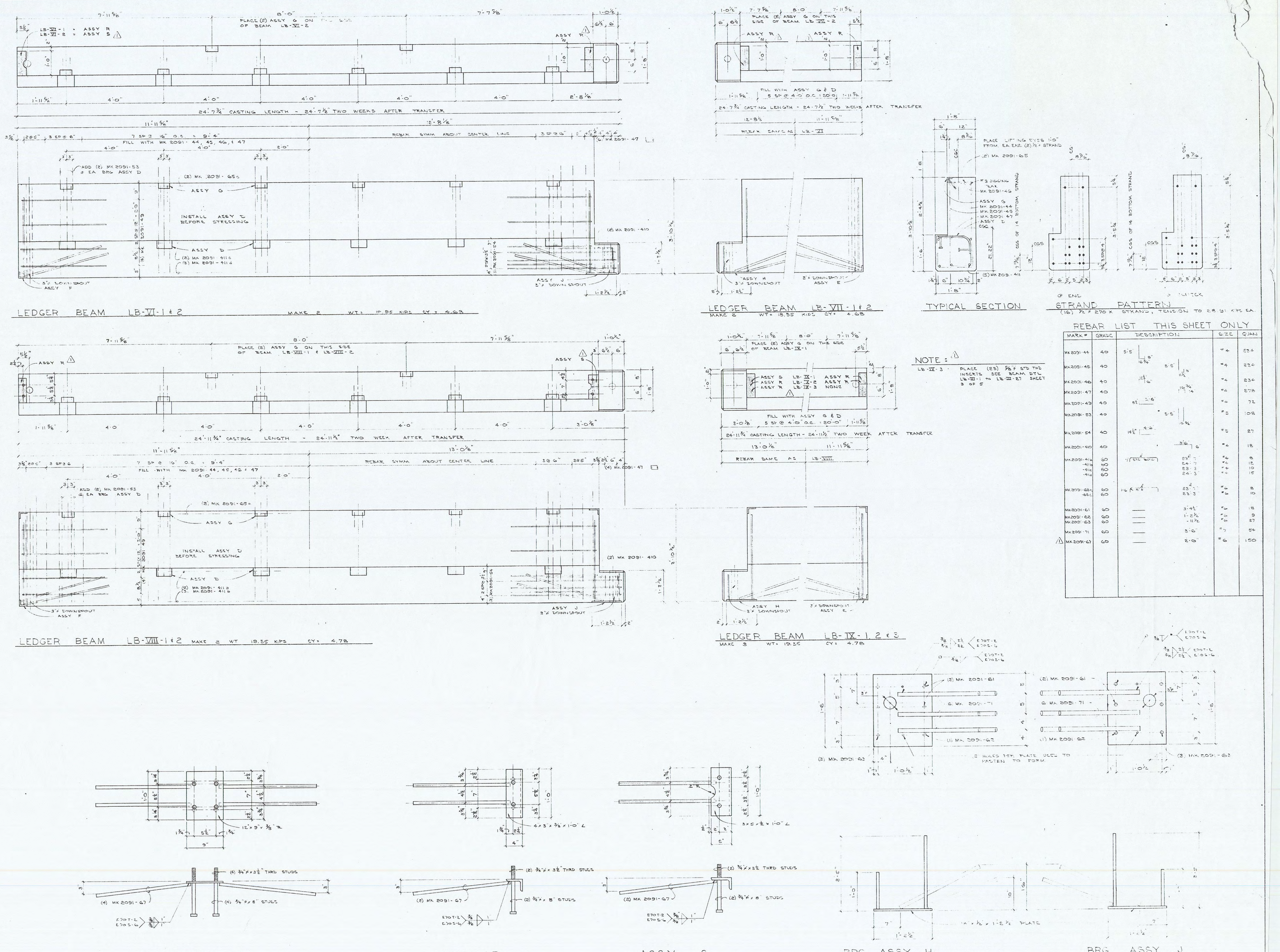
MORSE BROS.

SPRING VILLAGE

PROJECT NO. 253

ATTACHMENT 1

C. Precast Drawings



NOTE: ⚠
LB-IX-3: PLACE (23) ⅝" x STD THD INSERTS SEE BEAM DTL LB-III-1 TO LB-III-27 SHEET 3 OF 5

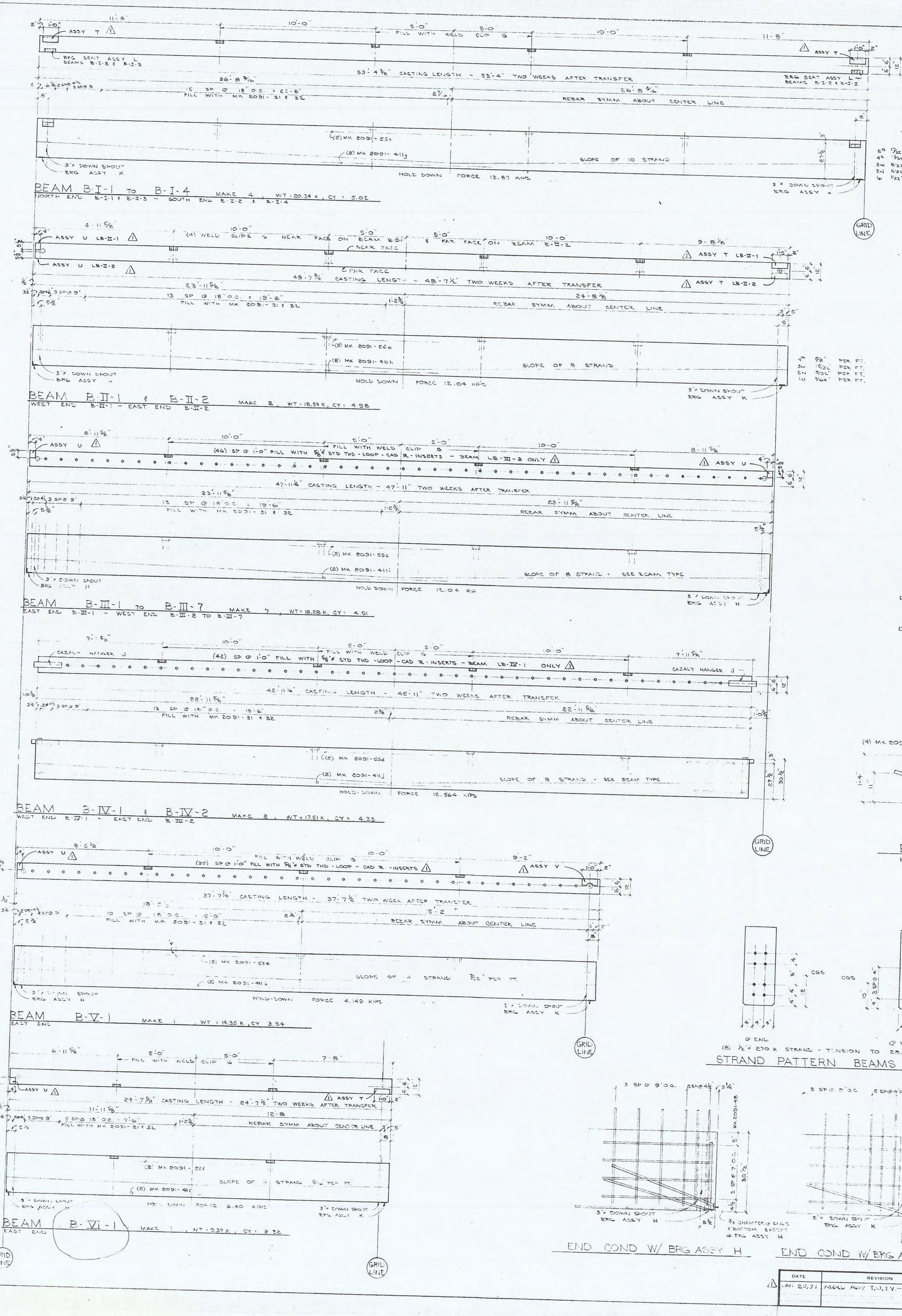
REBAR LIST THIS SHEET ONLY

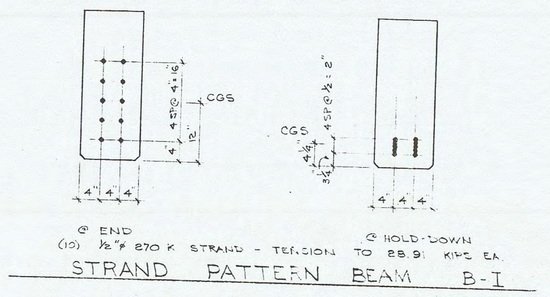
MARK #	GRADE	DESCRIPTION	SIZE	QUAN
MK 2091-44	40	5'-5" 8"	#4	234
MK 2091-45	40	5'-5" 11½" 8"	#4	224
MK 2091-46	40	11½" 6"	#4	234
MK 2091-47	40	16¾" 4"	#4	278
MK 2091-49	40	82" 2'-6"	#4	72
MK 2091-53	40	5'-5" 5'-5" 10¾"	#5	108
MK 2091-54	40	14½" 4'-0"	#5	27
MK 2091-410	40	3'-6" 6	#4	18
MK 2091-411a	60	(SEE NOTE) 83.2"	#4	8
-411b	60	84.7	#4	12
-411c	60	83.3	#4	10
-411d	60	24.3	#4	15
MK 2091-65a	60	23.3"	#6	8
-65b	60	23.3	#6	10
MK 2091-61	60	3'-4½"	#4	18
MK 2091-62	60	1'-2½"	#4	9
MK 2091-63	60	11½"	#4	27
MK 2091-71	60	3'-6"	#7	54
⚠ MK 2091-67	60	2'-0"	#6	150

DATE	REVISION	BY	APPROVED
JUL 29, 93	ADDED ASSY Q, R & S, INCORP. ⅜ x	FOR WING	

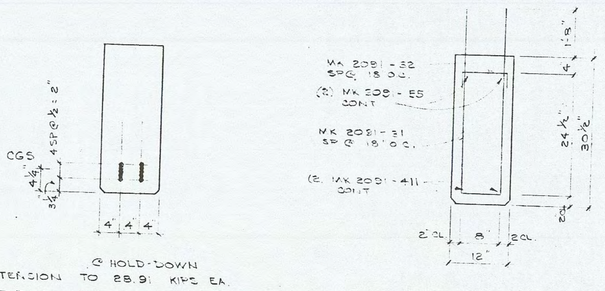
DRAWN DATE
CHECKED DATE

PROJ. NO.
DRAWING NO.
SHEET OF

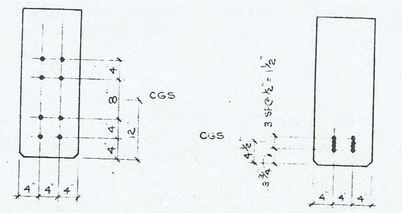




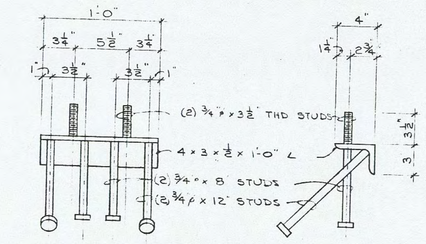
STRAND PATTERN BEAM B-I



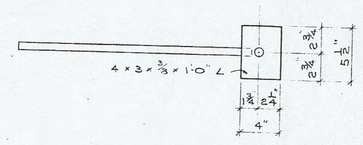
TYP REBAR DTL

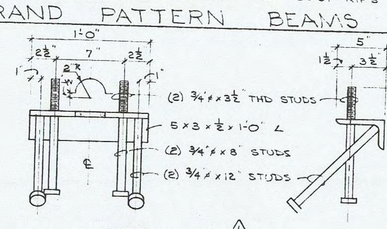


STRAND PATTERN BEAMS B-II, B-III & B-IV

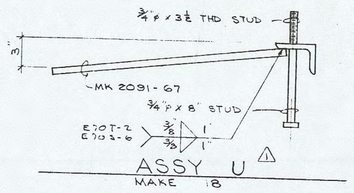


ASSY T
MAKE 11

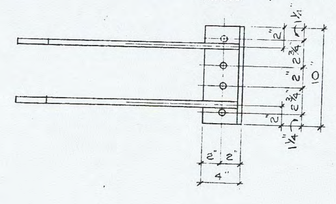


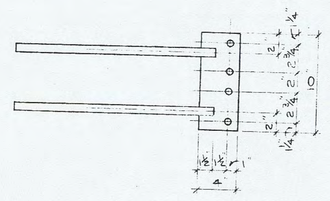


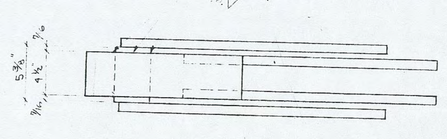
ASSY V
MAKE 1

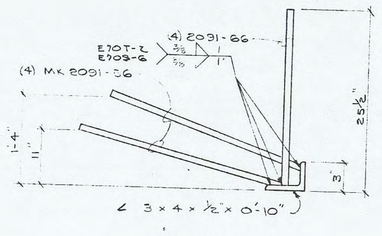


ASSY U
MAKE 18

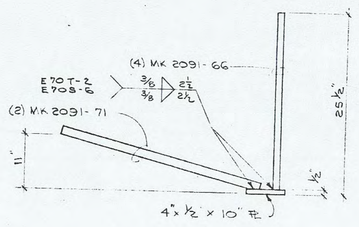




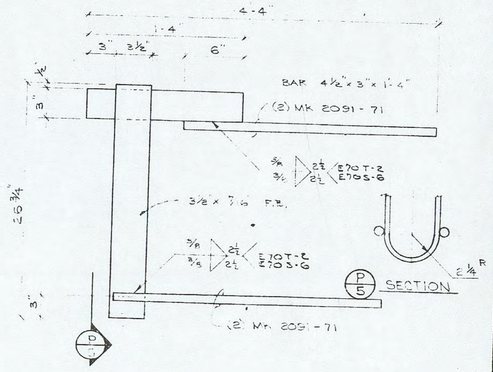




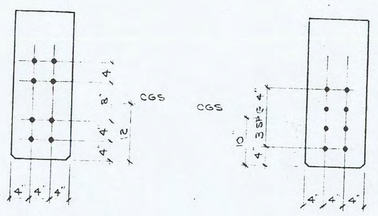
BRG ASSY H
MAKE 15



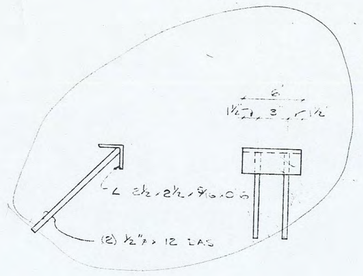
BRG ASSY K
MAKE 12



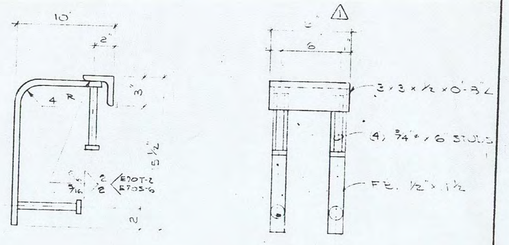
CAZALY HANGER J
MAKE 4



STRAND PATTERN BEAMS B-V & B-VI

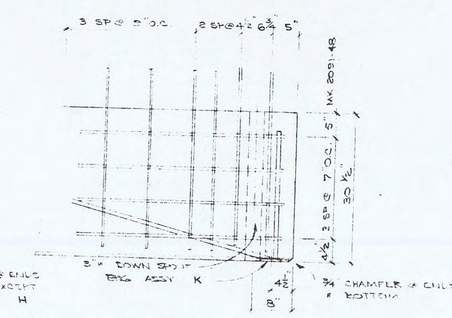


WELD CLIP G
MAKE 65



BRG SEAT ASSY L
MAKE 4

END COND W/ BRG ASSY H



END COND W/ BRG ASSY K

REBAR LIST THIS SHEET ONLY

MARK #	GRADE	DESCRIPTION	SIZE	QUAN
MK 2091-31	40	4-1	#3	637
MK 2091-32	40	1'-6"	#3	637
MK 2091-411	40	52'-0"	#4	8
-411	40	48'-0"	#4	4
-411	40	47'-6"	#4	4
-411	40	45'-6"	#4	4
-411	40	37'-0"	#4	2
-411	40	24'-0"	#4	2
MK 2091-49	40		#4	20
MK 2091-55	40	52'-0"	#3	8
-55	40	48'-0"	#3	4
-55	40	47'-6"	#3	4
-55	40	45'-6"	#3	4
-55	40	37'-0"	#3	2
-55	40	24'-0"	#3	2
MK 2091-66	40	STRAIGHT BAR 3'-6"	#5	72
MK 2091-67	40	8'-6"	#5	120
MK 2091-71	40	3'-6"	#5	8
MK 2091-67	60	2'-6"	#3	18

NOTES:

CONCRETE STRENGTH @ TRANSFER: 4000 PSI
@ 28 DAYS: 5000 PSI

LIFTING EILS (1) 1/2" STRAND @ 1A BLC - 8'-0" IN

MIX NO. CEM. CONTENT

SLUMP 3" TO 4"

AIR % NONE

FINISH TOP: BROOM
OTHER SURFACE: SMOOTH TOWL FINISH

LABEL: BEAMS SLIPPED, MARKING, STORE 1 SPA TYPE ETC.

CHAMFER: BOTTOM & END EXP. 1/2" THE TOP

DATE	REVISION	BY	APPROVED
MAR 20, 75	ADDED ASSY T, U, & V - 3/4" INSERTS	BOB LUTZ	

DRAWN DATE
CHECKED DATE

MORSE BROS.
Prestressed Concrete Division
HARRISBURG, OREGON

PROJECT NO.
DRAWING NO.
SHEET OF