

**BILL OF MATERIALS**

PRECAST CONCRETE PANELS					
BAR NO.	NO.	SIZE	TYPE	LENGTH (FT)	WEIGHT (LB)
H1	68	#4	STR	9.17	425.7
V1	38	#4	STR	2.66	69.2
V2	133	#4	STR	3.66	333.0
SP	50	#4	STR	VAR	122.1

REINFORCING STEEL	LBS	950.0
CLASS "A" CONCRETE	CUBIC YARDS	6.9

C.I.P. COPING							
A	B	C	NO.	SIZE	TYPE	LENGTH (FT)	WEIGHT (LB)
A	39	#5	STR	20.00	835.0		
B	112	#4	B	2.83	203.9		
C	4	#5	C	4.83	20.6		

REINFORCING STEEL (COPING)	LBS	1059.5
CLASS "A" CONCRETE (COPING)	CUBIC YARDS	5.5

ESTIMATED QUANTITIES		
C.I.P. COPING	LINEAR FEET	112.0
#57 STONE BACKFILL	CUBIC YARDS	25.9

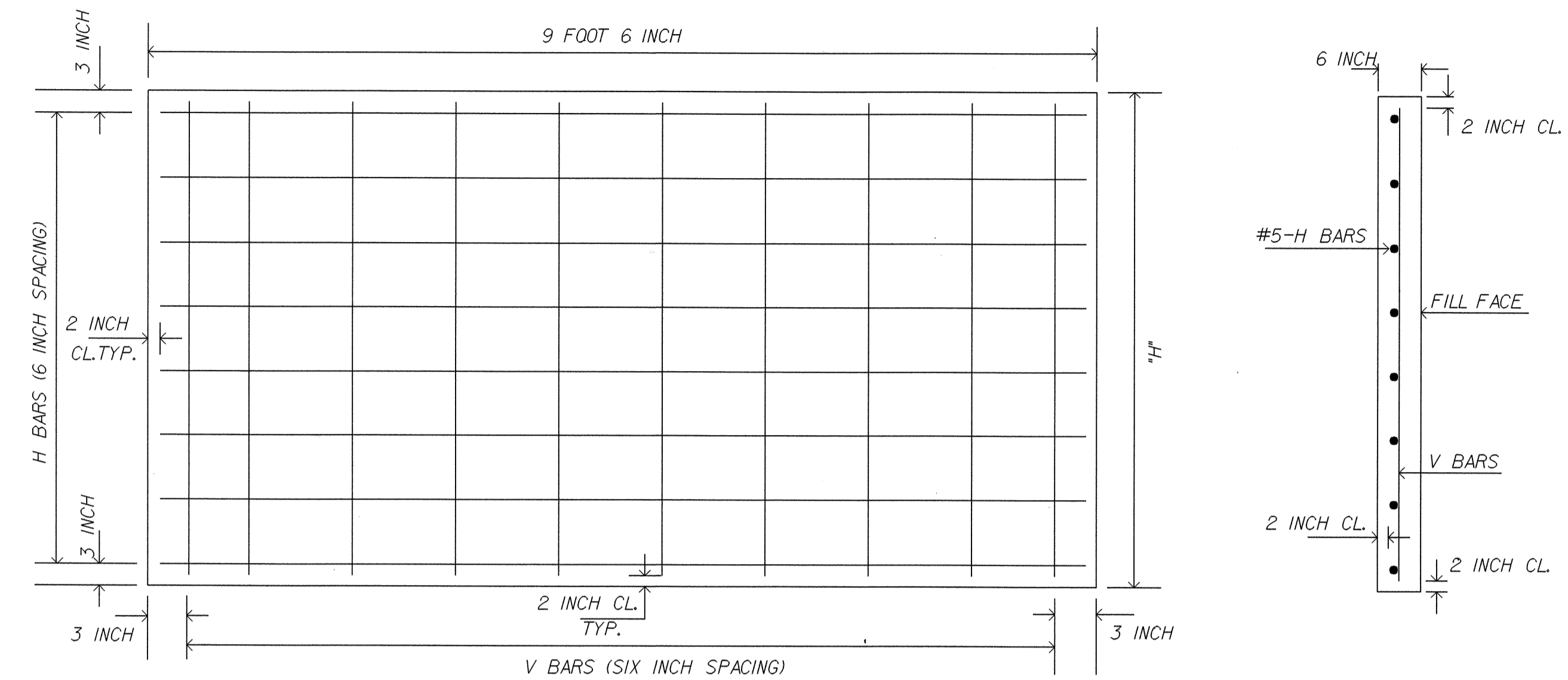
PRECAST CONCRETE PANEL TYPE "A1"	NO.	2
PRECAST CONCRETE PANEL TYPE "B1"	NO.	7
PRECAST CONCRETE PANEL TYPE "S1"	NO.	1
PRECAST CONCRETE PANEL TYPE "S2"	NO.	1

HP 12X53 STEEL PILES NO. = 12 LF = 92

**PILE ELEVATIONS AND PANEL TYPES**

PILE STATION	PILE NO.	PILE SIZE	TIP ELEV (FT)	TOP OF CONCRETE (FT)	CUTOFF ELEV (FT)	PILE LENGTH (FT)	PANEL TYPE
11+50	1	HP12X53	27	30.1	33.0	6.0	
11+60	2	HP12X53	27	29.8	34.0	7.0	S1
11+70	3	HP12X53	26	29.6	34.0	8.0	A1
11+80	4	HP12X53	26	29.1	33.9	7.9	A1
11+90	5	HP12X53	26	28.8	33.9	7.9	B1
12+00	6	HP12X53	26	28.8	33.8	7.8	B1
12+10	7	HP12X53	26	28.6	33.6	7.6	B1
12+20	8	HP12X53	25	28.3	33.4	8.4	B1
12+30	9	HP12X53	25	28.1	33.2	8.2	B1
12+40	10	HP12X53	25	28.1	33.0	8.0	B1
12+50	11	HP12X53	25	28.1	32.9	7.9	B1
12+60	12	HP12X53	25	28.1	31.9	6.9	S2

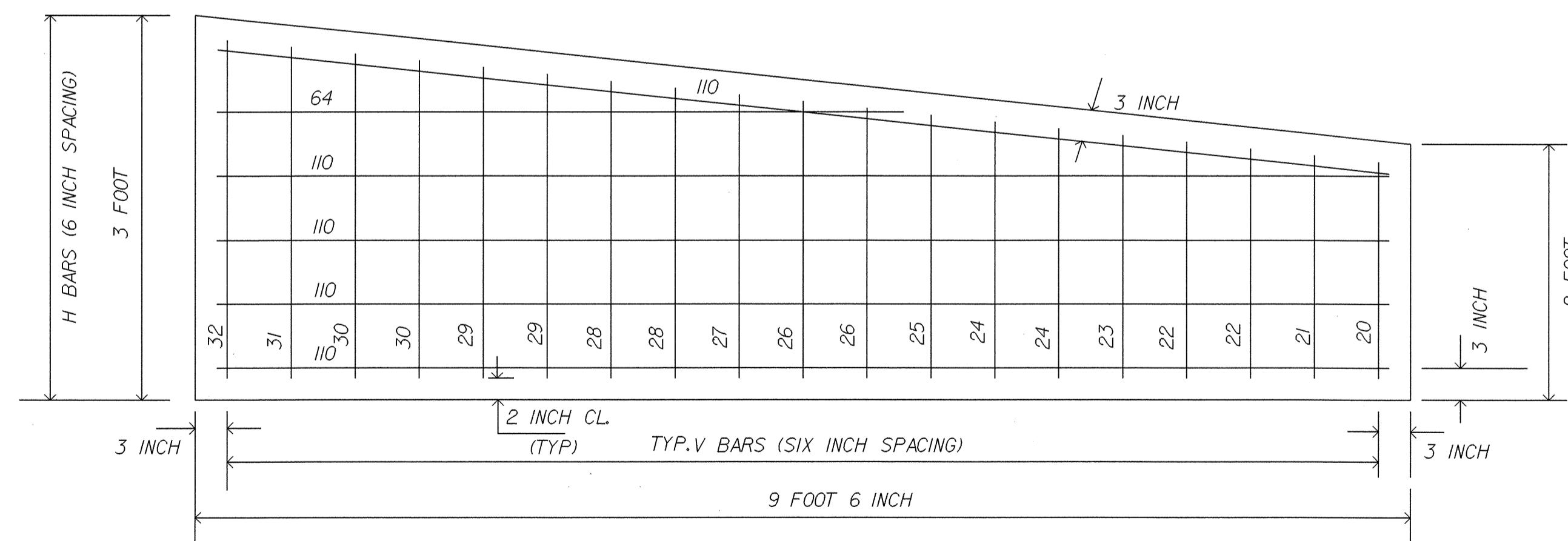
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
B-3685	21	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION



TYPICAL PRECAST PANEL DETAIL

N.T.S.

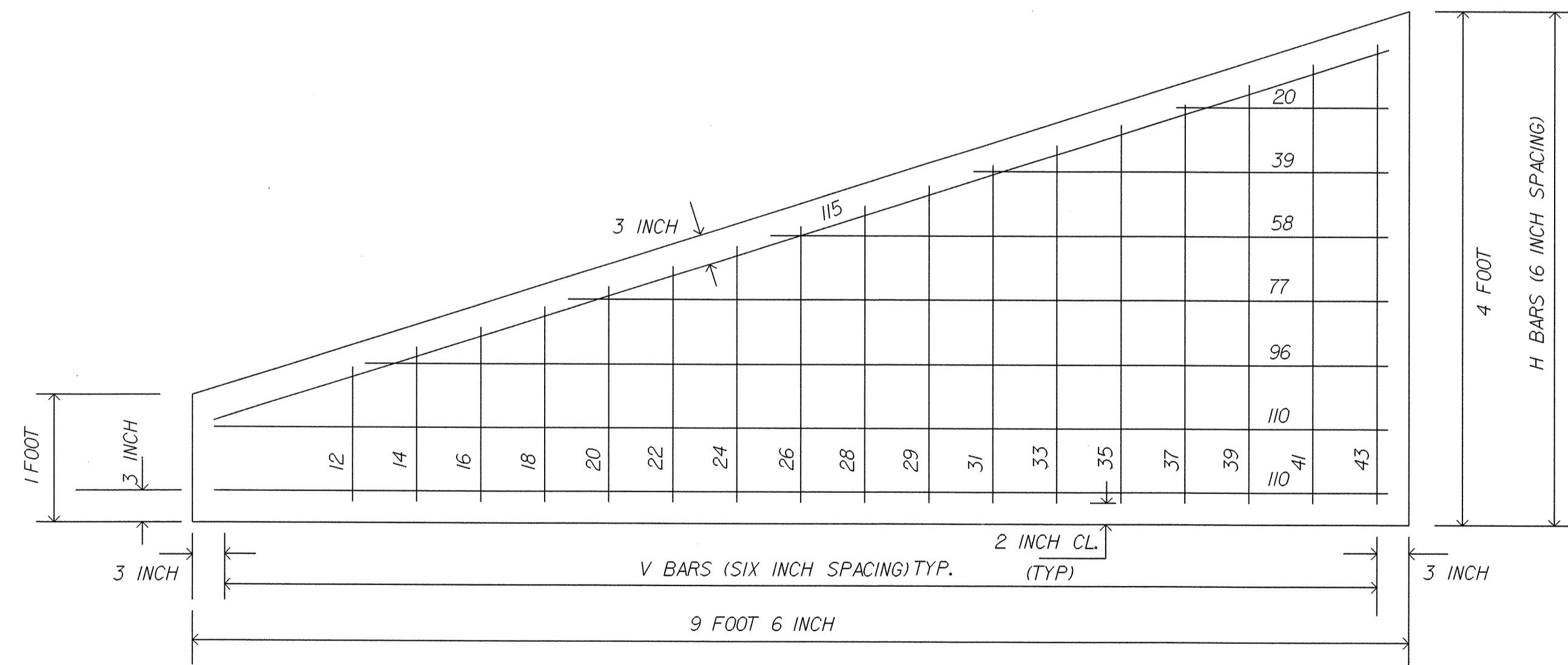
PANEL TYPE	"H" (ft)	"L" (ft)	BAR TYPES				CONC. CUBIC YARDS PER PANEL
			HORIZONTAL		VERTICAL		
			NO. PER PANEL	SPACING C-C (in)	NO. PER PANEL	SPACING C-C (in)	
A1	3.0	9.5	6-H1	6	19-V1	6	0.53
B1	4.0	9.5	8-H1	6	19-V2	6	0.70
S1	3.0	9.5	6-Spec	6	19-Spec	6	0.44
S2	4.0	9.5	8-Spec	6	17-Spec	6	0.44



TYPE S1 PRECAST PANEL DETAIL

(BACKFACE)

NOTE: NUMBERS SHOWN ON PANELS ARE BAR LENGTHS IN INCHES



TYPE S2 PRECAST PANEL DETAIL

(BACKFACE)

PROJECT B-3685  
PITT COUNTY  
STATION 11+50 TO 12+60 -L-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

PILE/PANEL WALL

DRAWN BY RSW DATE 7 / 04  
CHECKED BY ADS DATE 7 / 04

SHEET 2 OF 2

