

MAIN FLOOR PLAN
1:100

CONTRACTORS SHALL REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF OTHER MECHANICAL UNITS ON ROOF STRUCTURE.

FOOTING SCHEDULE				
TYPE	FOOTING SIZE	REINFORCING	TYPE	FOOTING SIZE
F11	450 x 250 DP.	3-10M CONT.	F18	1400 x 1400 x 250 DP.
F12	600 x 250 DP.	3-10M CONT.	F19	1300 x 1300 x 250 DP.
F13	750 x 250 DP.	4-10M CONT.	F20	1200 x 1200 x 250 DP.
F14	8000 x 2000 x 600 DP.	8-20M CONT. & 20M @200c TRANS.	F21	1100 x 1100 x 250 DP.
F15	3000 x 3000 x 600 DP.	11-25M E.W. BOT.	F22	900 x 900 x 250 DP.
F16	1000 x 1000 x 250 DP.	5-10M E.W. BOT.	F23	800 x 800 x 250 DP.
F17	5800 x 1200 x 300 DP. (5000DP. AT T.O. F.T.C. 600 BELOW FIN. SLAB)	R/W 7-10M LONG. & 10-15M SHORT T.O. F.T.C. 600 BELOW FIN. SLAB	F24	1500 x 900 x 300 DP.
F18	1500 x 1500 x 250 DP.	8-10M E.W. BOT.		

COLUMN SCHEDULE				
TYPE	COLUMN SIZE	BASE PLATE OR REINFORCING	REFER TO	
C1	W310x39			
C2	W310x33			
C3	HSS 152x152x6.4			
C4	800 x 800 CONCRETE			
C5	400 x 400 PLASTER	R/W 4-20M VERT. & 6mm TIES @200c HORIZ.		
C6	285 x 304 GLULAM			
C7	HSS 203x203x6.4			
C8	HSS 152x152x6.4	2-BOLT HSS COL.		
C9	HSS 152x152x4.4			

REFER TO S2.5 FOR OMSJ & STEEL DECK DESIGN CRITERIA

MAIN FLOOR PRECAST CONCRETE SUPERIMPOSED DESIGN LOADING REQUIREMENTS:

DEAD LOAD: 1.0 kPa (EXCLUDES 50mm CONC. TOPPING)
LIVE LOAD: 4.8 kPa

DEFLECTION LIMIT:
LIVE LOAD: SPAN/480
TOTAL LOAD: SPAN/360

A 50mm MINIMUM THICKNESS OF CAST-IN-PLACE CONCRETE TOPPING IS REQUIRED AT MIDSPAN. APPROXIMATE MIDSpan CAMBER AT ERECTION:
25 TO 35mm FOR PANELS WITH LENGTHS 7.3m & 8.6m
15 TO 35mm FOR PANELS WITH LENGTHS 5.7m & 4.5m

LOWER BEARING SUPPORT ELEMENTS TO ACCOMMODATE MAXIMUM CAMBER VALUE (ADDITIONAL CONCRETE WILL BE REQUIRED AT THE SUPPORTS). CONFORM CAMBER WITH SUPPLIER PRIOR TO CONSTRUCTING BEARING WALLS. SHORR HOLLOWCORE PANELS PRIOR TO GROUTING SO AS TO MINIMIZE DIFFERENTIAL CAMBER BETWEEN ADJACENT SLABS.

cei ARCHITECTURE
PLANNING
INTERIORS

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SEALS

NO.	DATE	DESCRIPTION
1.	08.05.18	BID PACK #2 REVIEW
2.	08.06.05	BID PACK #2 TENDER #1 FOUNDATION BUILDING PERMIT
3.	08.06.15	BID PACK #3 TENDER REVIEW
4.	08.07.04	BID PACK #3 TENDER
5.	08.08.02	SHOP DRAWINGS PREPARATION
6.	08.10.27	ISSUE FOR BUILDING PERMIT #2
7.	08.10.27	ISSUE FOR CONSTRUCTION

PROJECT TITLE

GIBSONS AREA COMMUNITY CENTER

SUNSHINE COAST, BC

DRAWING TITLE

MAIN FLOOR PLAN

DATE: _____ DRAWN: **SD/DEL**

PLOT DATE: **06.10.26**

CAD FILE: _____

PROJECT NUMBER: **05485** DRAWING NO.: **S2.2A**

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BEAMS

ISSUED FOR

NO.	DATE	DESCRIPTION
1.	08.05.18	BID PACK #2 REVIEW
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PROJECT TITLE

GIBSONS AREA COMMUNITY CENTER

SUNSHINE COAST, BC

DRAWING TITLE

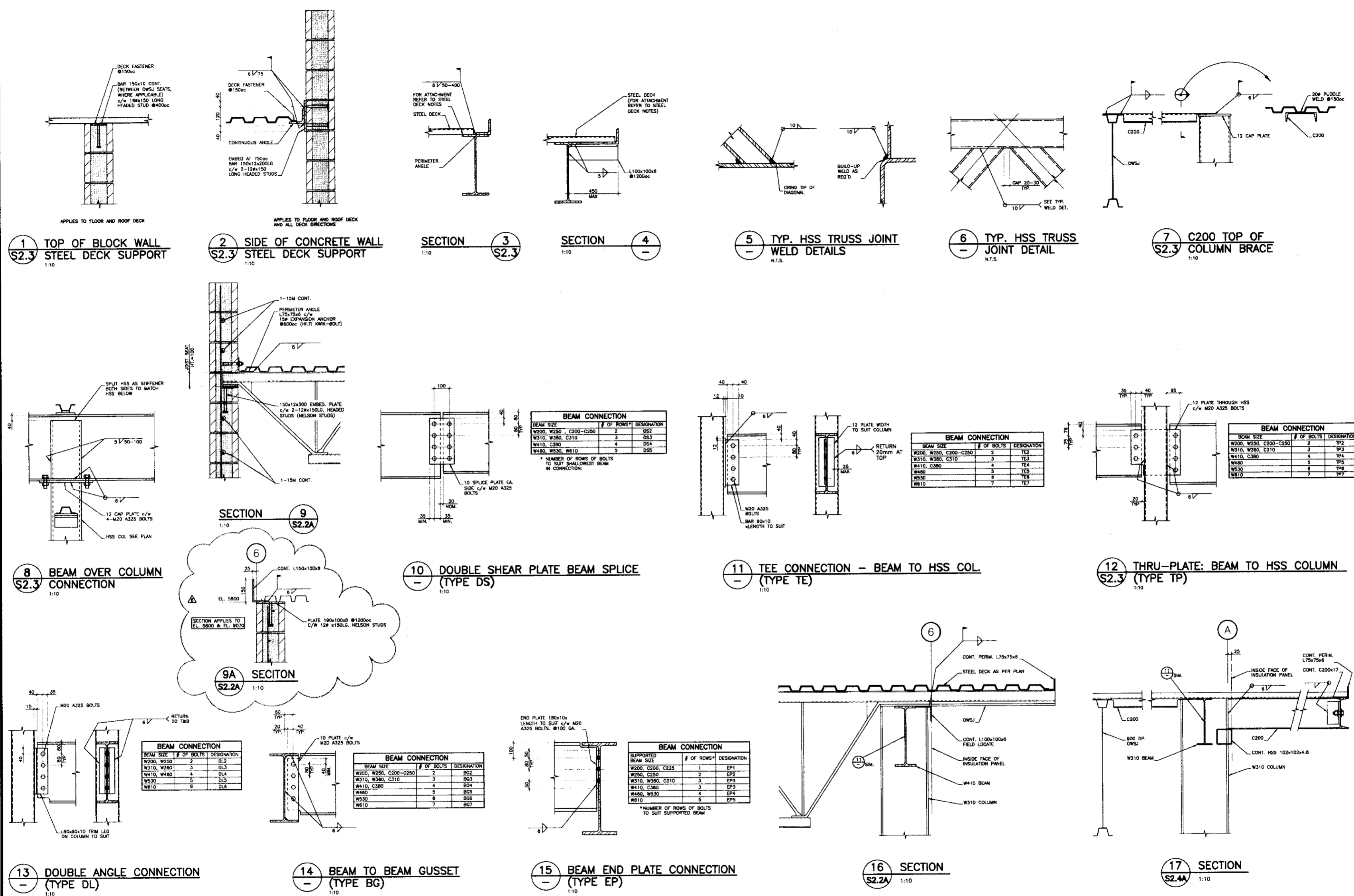
DETAILS

DATE _____ DRAWN _____ TL

PLOT DATE 08.16.28

CAD FILE _____

PROJECT NUMBER 05485 DRAWING NO. S4.1



BEAM CONNECTION

BEAM SIZE	# OF ROWS*	DESIGNATION
W200, W250, C200-C250	2	DS2
W310, W360, C310	3	DS3
W410, C360	4	DS4
W460, W530, W610	5	DS5

* NUMBER OF ROWS OF BOLTS TO SUIT SHALLOWEST BEAM IN CONNECTION.

BEAM CONNECTION

BEAM SIZE	# OF BOLTS	DESIGNATION
W200, W250, C200-C250	2	TE2
W310, W360, C310	3	TE3
W410, C360	4	TE4
W460	5	TE5
W530	6	TE6
W610	7	TE7

BEAM CONNECTION

BEAM SIZE	# OF BOLTS	DESIGNATION
W200, W250, C200-C250	2	TP2
W310, W360, C310	3	TP3
W410, C360	4	TP4
W460	5	TP5
W530	6	TP6
W610	7	TP7

BEAM CONNECTION

BEAM SIZE	# OF BOLTS	DESIGNATION
W200, W250	2	DL2
W310, W360	3	DL3
W410, W460	4	DL4
W530	5	DL5
W610	6	DL6

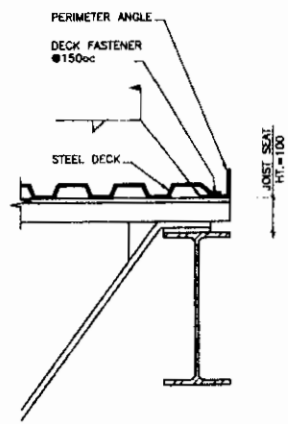
BEAM CONNECTION

BEAM SIZE	# OF BOLTS	DESIGNATION
W200, W250, C200-C250	2	BG2
W310, W360, C310	3	BG3
W410, C360	4	BG4
W460	5	BG5
W530	6	BG6
W610	7	BG7

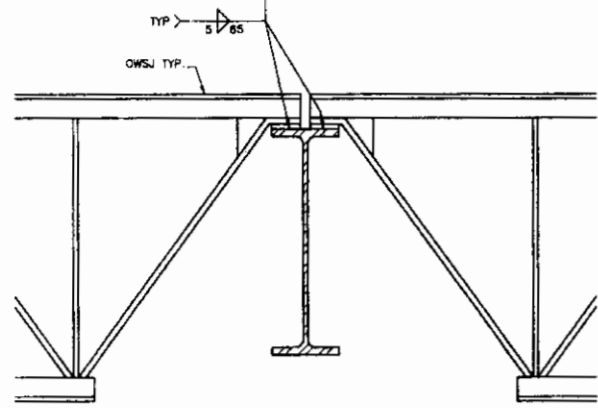
BEAM CONNECTION

SUPPORTEED BEAM SIZE	# OF ROWS*	DESIGNATION
W200, C200, C225	1	EP1
W250, C250	2	EP2
W310, W360, C310	3	EP3
W410, C360	4	EP4
W460, W530	5	EP5
W610	6	EP6

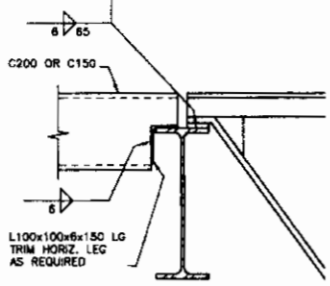
* NUMBER OF ROWS OF BOLTS TO SUIT SUPPORTED BEAM.



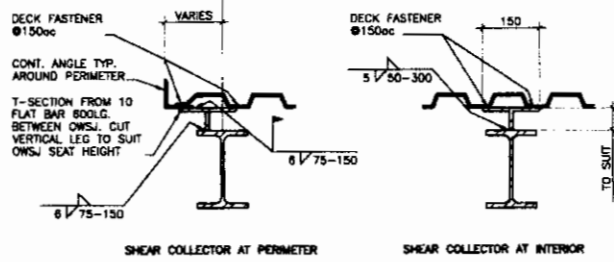
SECTION 1
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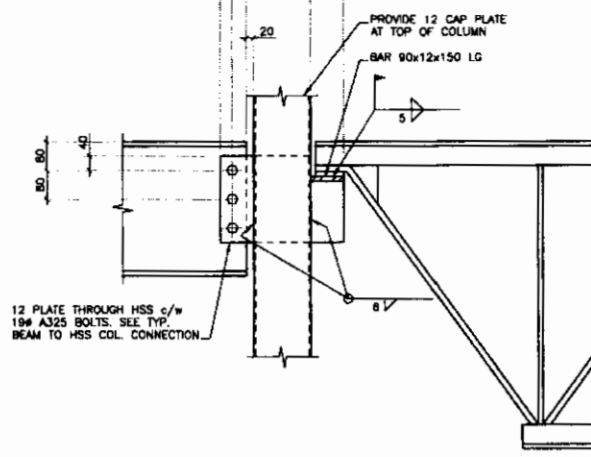
SECTION 2
1:10
TYP. OWSJ SUPPORTED ON BEAM



SECTION 3
1:10
CHANNEL CONNECTION AT OWSJ

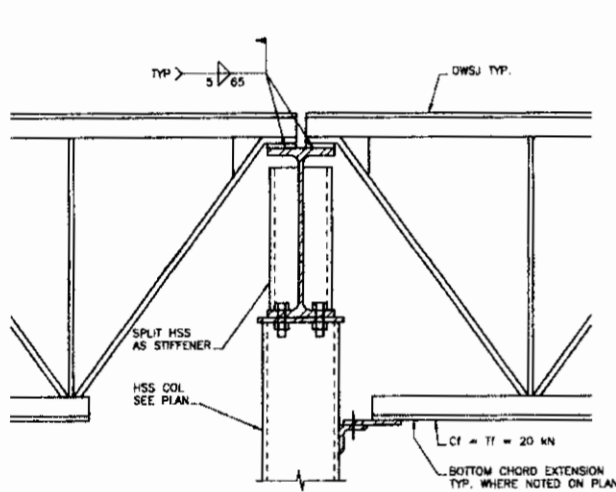


SECTION 4A & 4B
1:10
SHEAR COLLECTORS

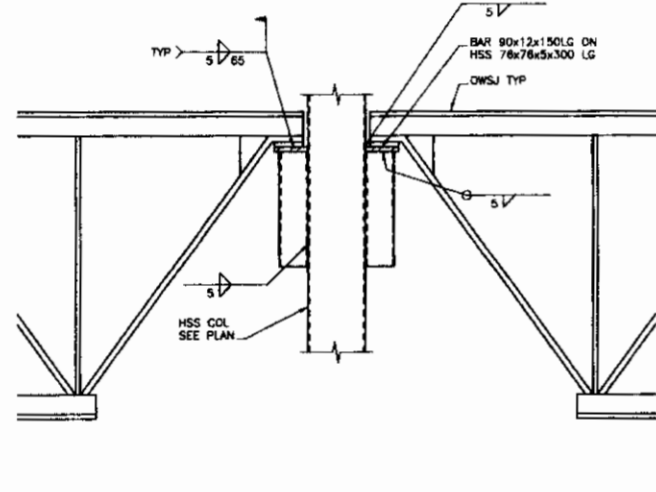


SECTION 6
1:10

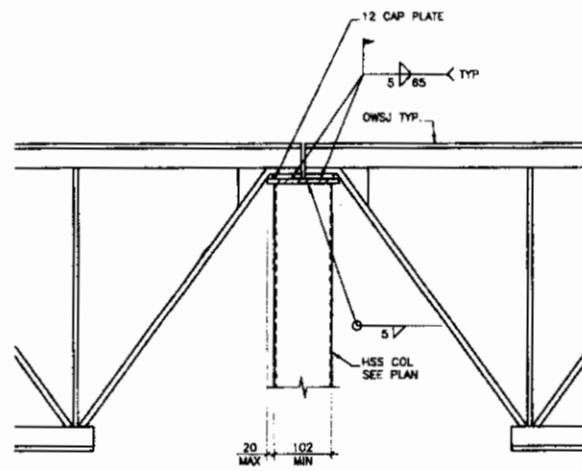
NOTE: REFER TO GENERAL NOTES - STRUCTURAL STEEL FOR PROPOSAL OF ALTERNATE CONNECTION DETAILS I.E. BOLTED CONNECTION FOR OPEN WEB STEEL JOISTS IN LIEU OF FIELD WELDING.



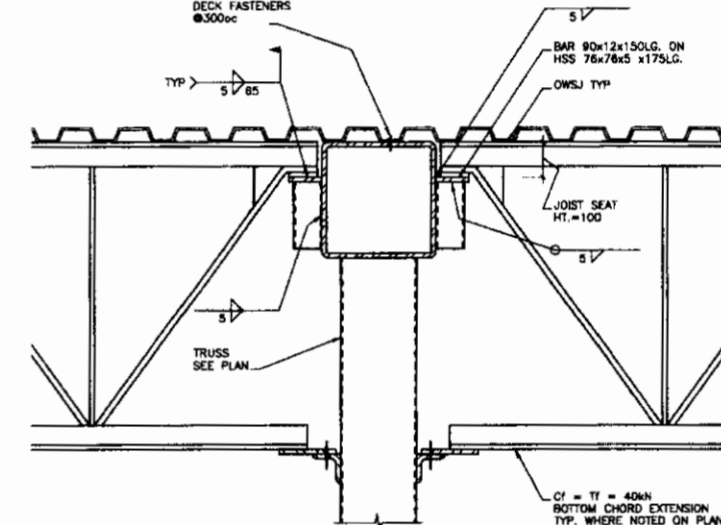
SECTION 7
1:10
BEAM OWSJ BOTTOM CHORD EXTENSION



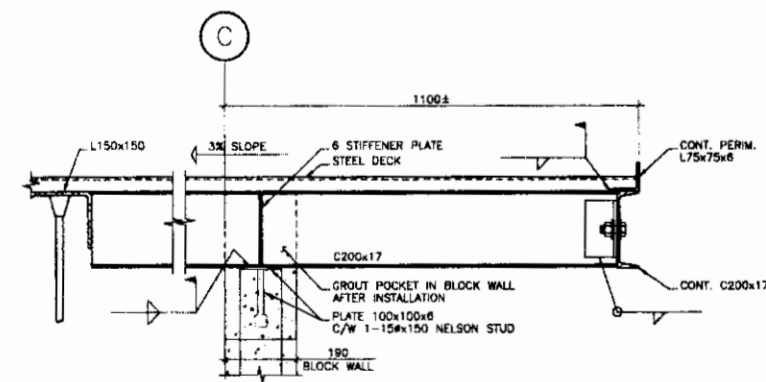
SECTION 8
1:10
OWSJ TO SIDE OF HSS CONNECTION



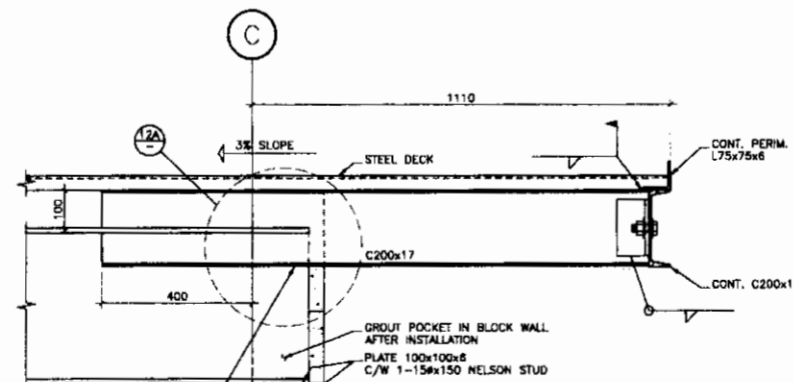
SECTION 9
1:10
OWSJ TO TOP OF HSS CONNECTION



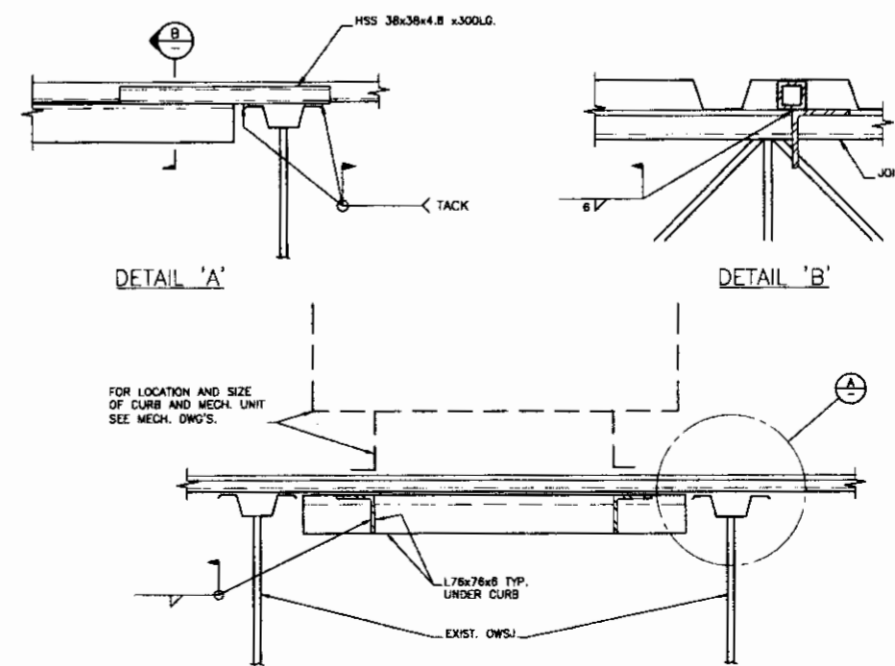
SECTION 10
1:10
OWSJ TO SIDE OF TRUSS CONNECTION



SECTION 11
1:10
ROOF CHANNEL DETAIL



SECTION 12
1:10
BEAM AND CHANNEL CONNECTION DETAIL



DETAILS 'A' & 'B'
1:10
TYP. MECH. UNIT SUPPORT FRAME AT ROOF

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2.	06.08.05	BID PACK #2 TENDER & FOUNDATION BUILDING PERMIT
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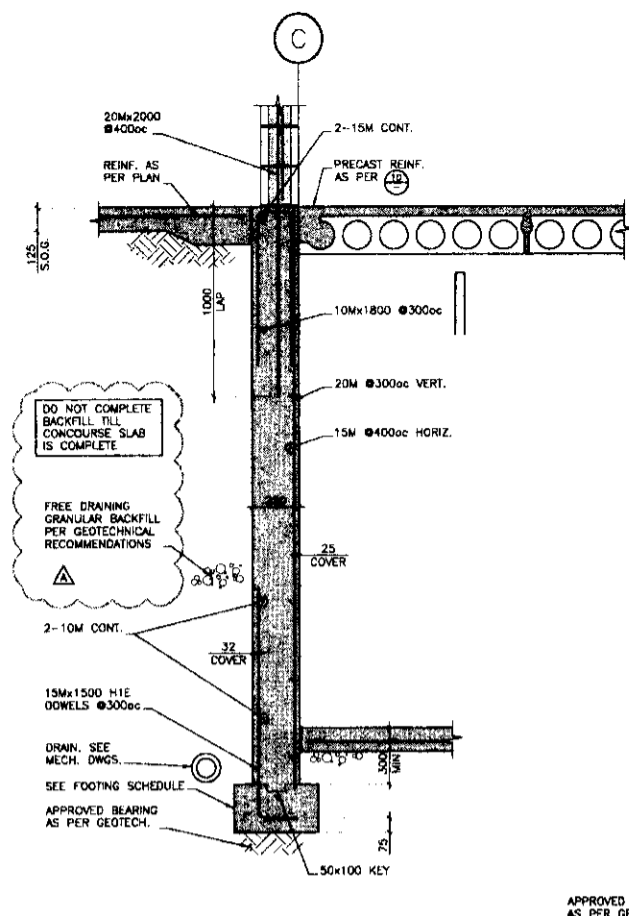
PROJECT TITLE
GIBSONS AREA COMMUNITY CENTER

SUNSHINE COAST, BC

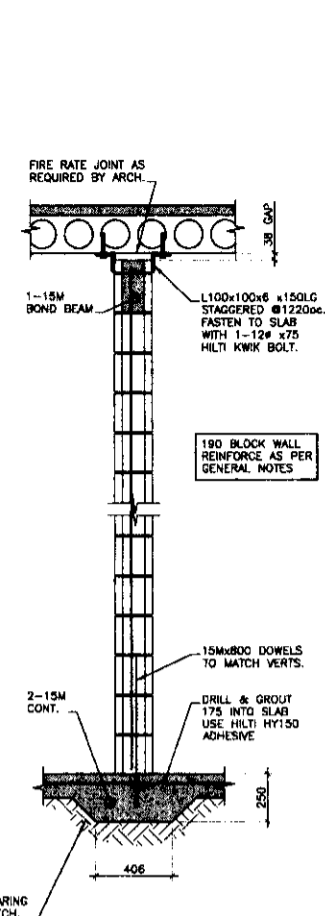
DRAWING TITLE
DETAILS

DATE _____ DRAWN TL/20K
PLOT DATE 08.10.20
CAD FILE _____

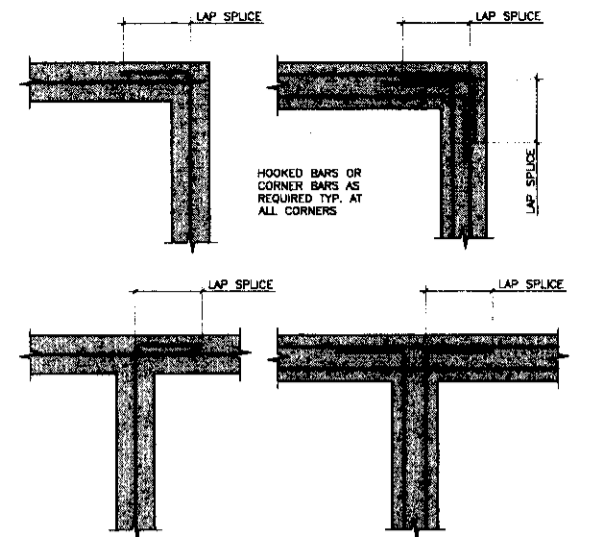
PROJECT NUMBER DRAWING NO.
05485 S4.2



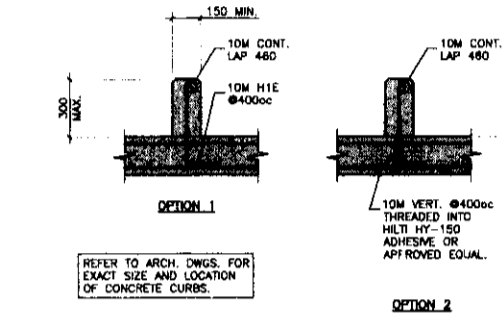
1 TYPICAL EXTERIOR FOUNDATION WALL
S2.1
1:20



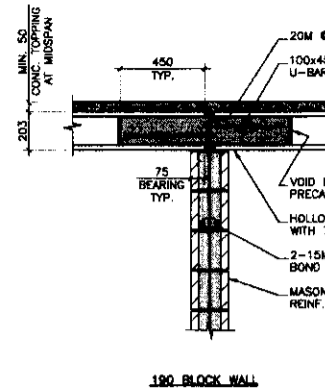
2 NON-BEARING BLOCK WALL
S2.1
1:20



3 PLAN OF HORIZ. WALL REINFORCING AT INTERSECTING WALLS

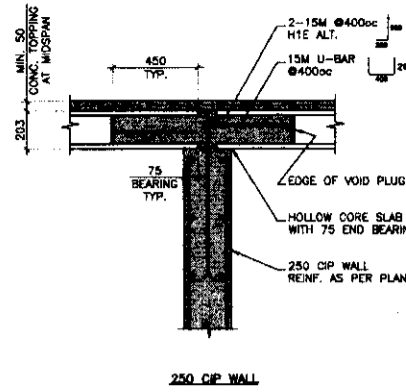


4 CONCRETE CURB
1:20

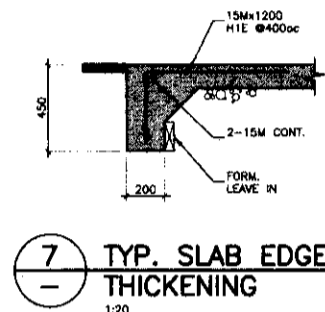


190 BLOCK WALL

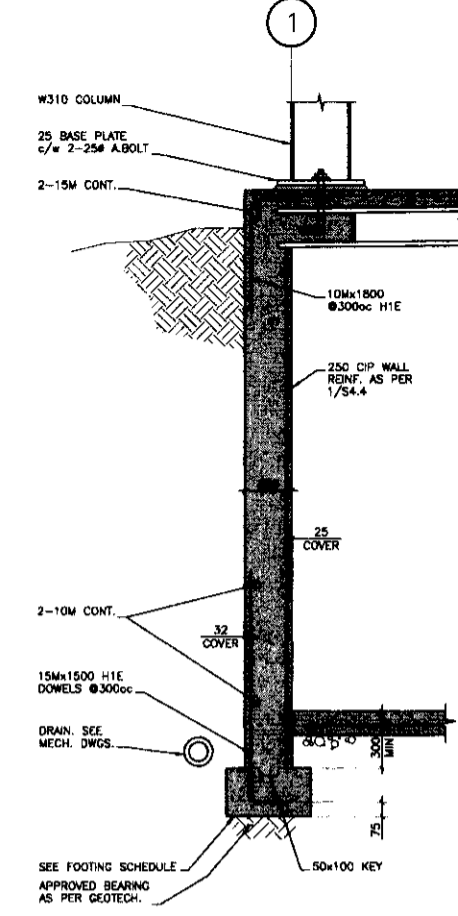
5 SECTION
S2.2A
1:20



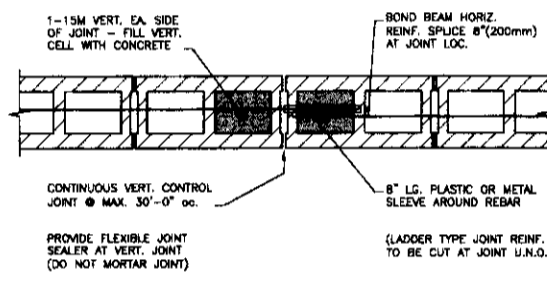
8 CONCRETE BLOCK PILASTER DETAIL
S2.2
1:20



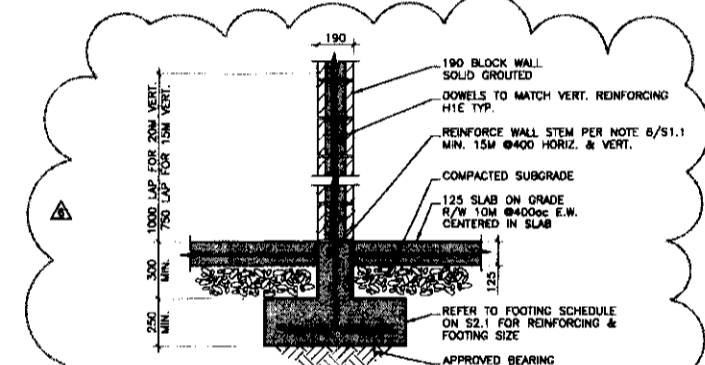
7 TYP. SLAB EDGE THICKENING
1:20



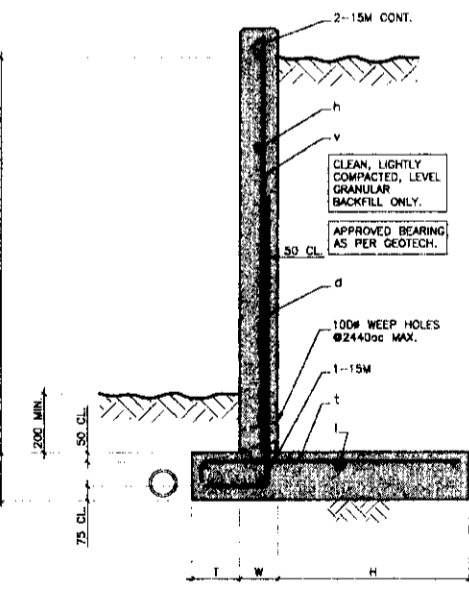
12 TYPICAL COLUMN ON HOLLOW CORE
S2.2A
1:20



6 TYP. MASONRY WALL CONTROL JOINT
1:10

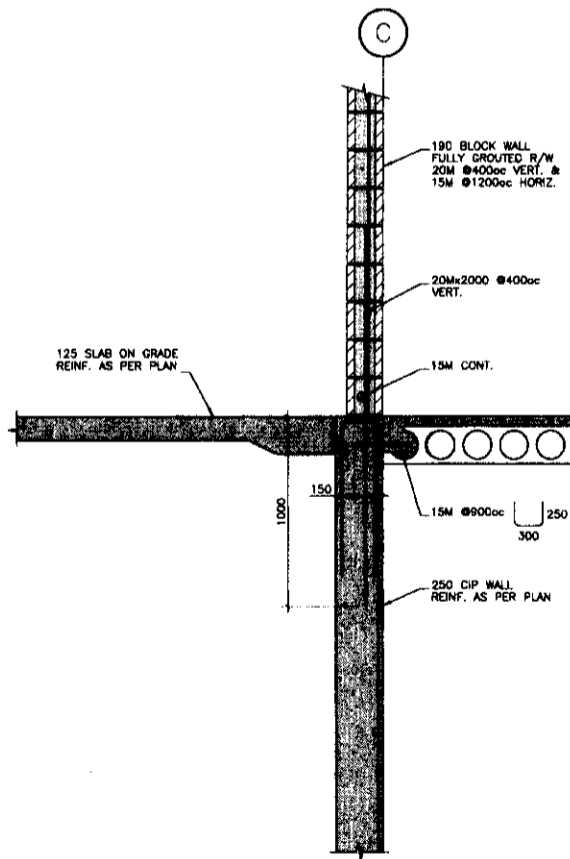


14 LOAD BEARING BLOCKWALL FOUNDATION
S2.1
1:20

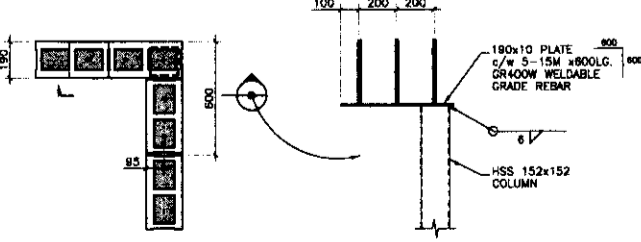


9 TYPICAL CONCRETE RETAINING WALL
S2.2A
1:20

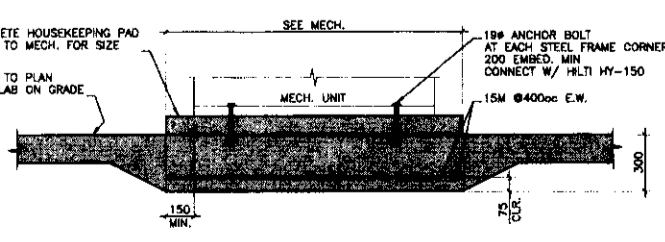
	1220 MAX.	1830 MAX.	2440 MAX.	3050 MAX.	3660 MAX.
L	250	250	250	300	300
D	250	250	250	400	400
T	200	200	200	250	250
W	700	1020	1320	1525	1905
H	15M #450cc	15M #450cc	15M #300cc	20M #250cc	20M #200cc
d	300	300	300	300	500
v	N/A	N/A	15M #450cc	20M #500cc	20M #400cc
h	15M #450cc	15M #450cc	15M #450cc	15M #400cc	15M #400cc
f	15M H1E #400cc	15M H1E #400cc	15M H1E #300cc	20M H1E #250cc	20M H1E #200cc
i	4-15M CONT.	4-15M CONT.	6-15M CONT.	7-15M CONT.	9-15M CONT.



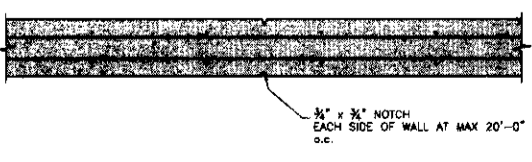
10 PRECAST CONCRETE BLEACHERS
S2.2A
1:20



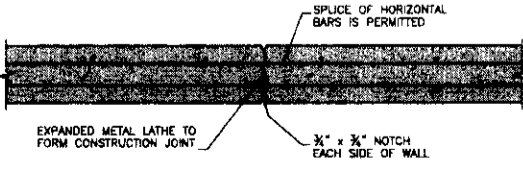
11 BLOCK BEAM OVER HSS COLUMN
S2.2A
1:20



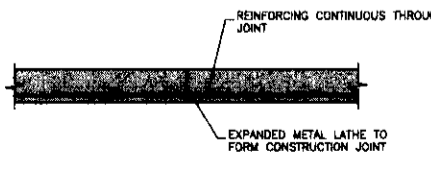
13 CONCRETE MECHANICAL PAD
S2.2A
1:20



WALL CONTROL JOINT
1:20



WALL CONSTRUCTION JOINT
1:20



SLAB CONTROL JOINT
1:20



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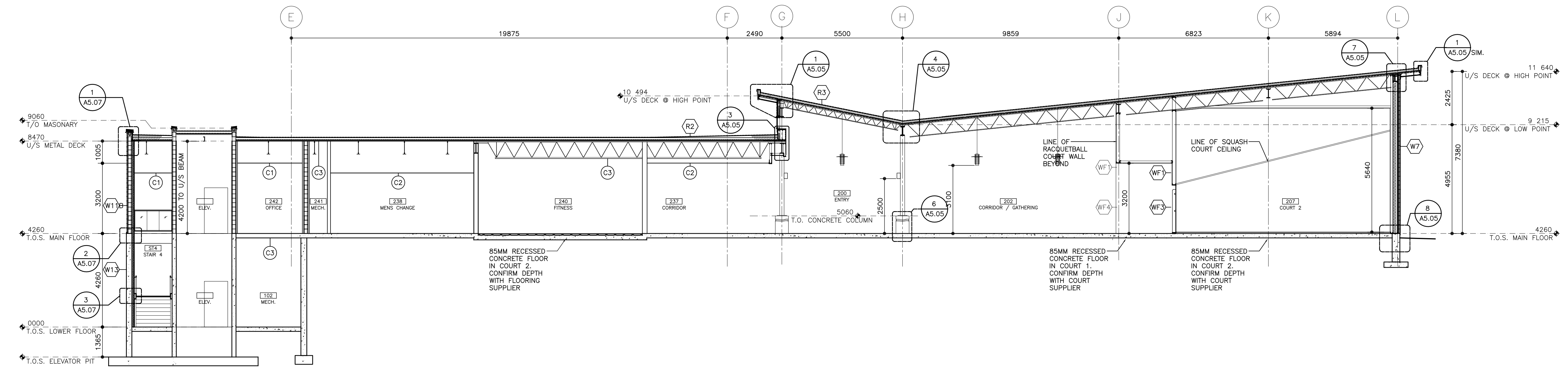
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ISSUED FOR
NO. DATE DESCRIPTION
1. 06.05.16 BID PACK #2 REVIEW
2. 06.06.05 BID PACK #2 TENDER & FOUNDATION BUILDING PERMIT
3. 06.06.15 BID PACK #3 TENDER REVIEW
4. 06.07.04 BID PACK #3 TENDER
5. 06.08.02 SHOP DRAWINGS PREPARATION
6. 06.10.27 ISSUE FOR BUILDING PERMIT #2
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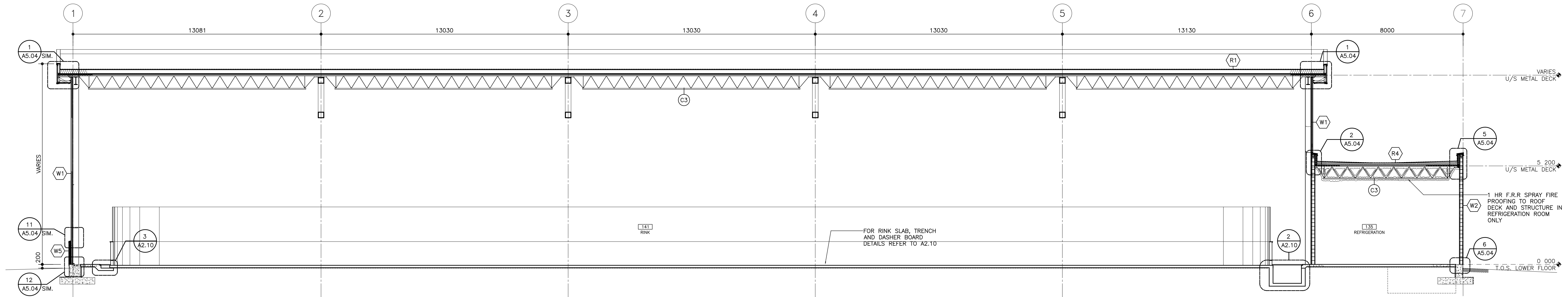
PROJECT TITLE
GIBSONS AREA COMMUNITY CENTER
SUNSHINE COAST, BC

DRAWING TITLE
DETAILS

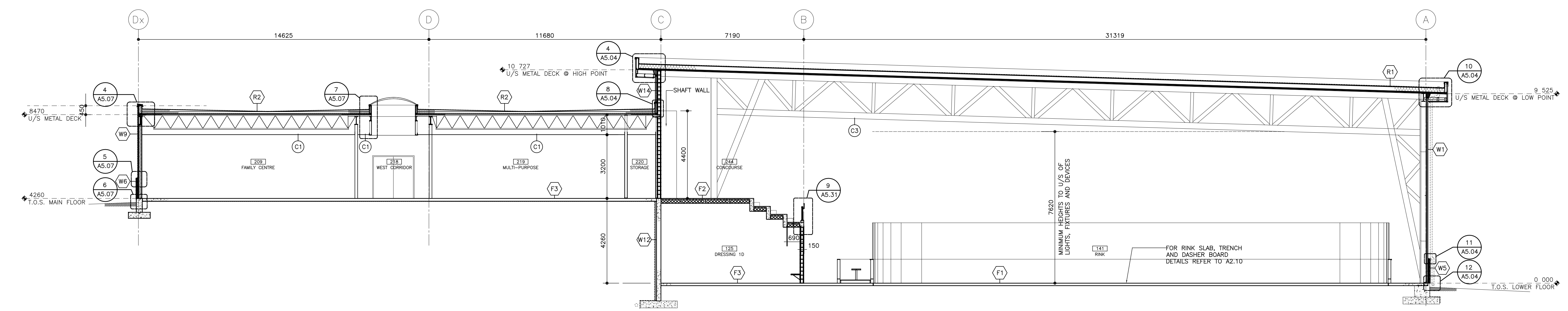
DATE _____ DRAWN TLM/NE
PLOT DATE 06.10.28
CAD FILE _____
PROJECT NUMBER DRAWING NO.
05485 S4.4



1 BUILDING SECTION
A5.01 SCALE: 1:100
GCC_30001.dwg



2 BUILDING SECTION
A5.01 SCALE: 1:100
GCC_30003.dwg



3 BUILDING SECTION
A5.01 SCALE: 1:100
GCC_30002.dwg

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SEALS

ISSUED FOR

NO.	DATE	DESCRIPTION
1.	03 MAY 06	ISSUED TO TOWN OF GIBSONS FOR SITE PREPARATION BUILDING PERMIT
2.	19 MAY 06	ISSUED FOR BID PACKAGE #2 TENDER
3.	01 JUNE 06	ISSUED FOR BID PACKAGE #2 TENDER
4.	01 JUNE 06	ISSUED FOR B.P. FOUNDATION
5.	26 JUNE 06	ISSUED FOR BID PACKAGE #3 REVIEW
6.	04 JULY 06	ISSUED FOR BID PACKAGE #3 TENDER
7.	25 JULY 06	ADDENDUM #1
8.	14 JULY 06	ISSUED TO TASK INCLUDES BID PACK #3 INCLUDES ADDENDUM INFORMATION
9.	18 OCT 06	ISSUED FOR BID PACKAGE #4 TENDER
10.	27 OCT 06	ISSUED FOR BUILDING PERMIT 2
11.	27 OCT 06	ISSUED FOR CONSTRUCTION
12.	09 MAY 08	RECORD DRAWINGS

PROJECT TITLE

**GIBSONS AREA
COMMUNITY CENTER**

SUNSHINE COAST, BC

DRAWING TITLE

**BUILDING
SECTIONS**

DATE _____ DRAWN AF/DM/SC

PLOT DATE _____

CAD FILE _____

PROJECT NUMBER _____ DRAWING NO. _____

25157 A5.01