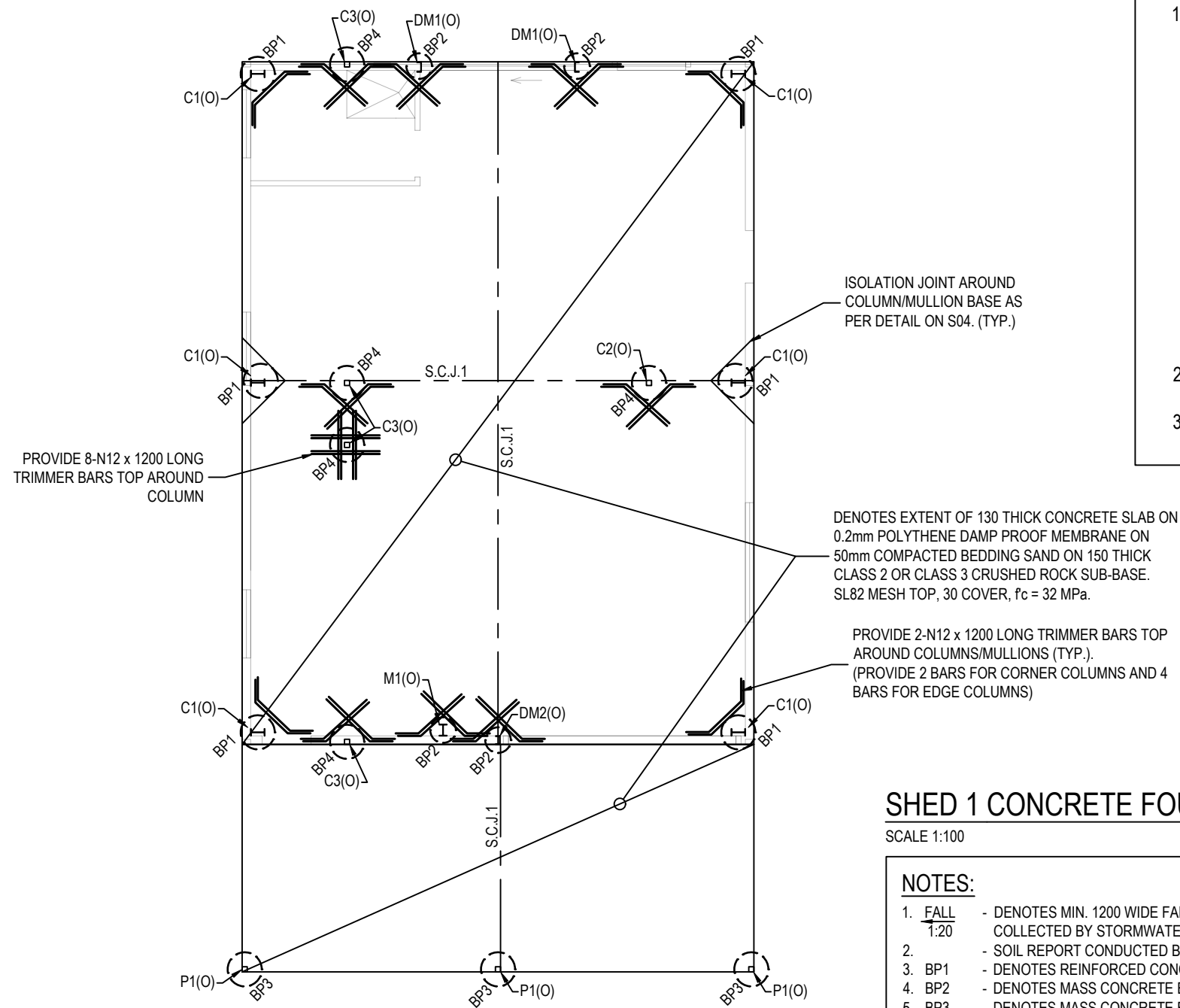


IMPORTANT SLAB PREPARATION NOTES:

1. PREPARE SUBGRADE IN ACCORDANCE WITH THE CIVIL WORKS SPECIFICATION AND TO THE FOLLOWING PROCEDURE UPON COMPLETION OF BULK EARTHWORKS BY CIVIL CONTRACTOR:
 - A. STRIP TOPSOIL AND ANY LOOSE MATERIAL TO SUBGRADE
 - B. THE EXPOSED SUBGRADE SHALL BE COMPACTED WITH A 3 TONNE VIBRATING ROLLER (MINIMUM OF 4 No. PASSES IN EACH DIRECTION) BEFORE PROOF ROLLING WITH THE SAME ROLLER TO 95% STANDARD COMPACTION.
 - C. ANY SOFT SPOTS SHALL BE EXCAVATED AND MADE GOOD WITH APPROVED CLEAN GRANULAR FILL COMPACTED TO A DENSITY MATCHING THAT OF THE SURROUNDING SUBGRADE.
 - D. LAY FILL IN 200mm LOOSE LAYERS & COMPACT TO AT LEAST 95% STANDARD COMPACTION.
 - E. COMPACTION TESTS TO BE UNDERTAKEN BY QUALIFIED GEOTECHNICAL LABORATORY AFTER FINAL FILL PLACEMENT
 - F. LAY 150 THICK CLASS 2 CRUSHED ROCK BASE COURSE COMPACTED TO 95% STANDARD COMPACTION.
 - G. LAY 50mm THICK COMPACTED SAND BED.
 - H. LAY 0.2mm THICK DAMP PROOF MOISTURE BARRIER OVER ENTIRE SLAB BASE
2. THE SUBGRADE PREPARATION SHALL BE INSPECTED AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF MOISTURE BARRIER.
3. REFER DRAWING S01 FOR CONCRETE NOTES.

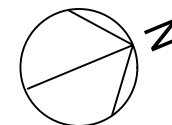


SHED 1 CONCRETE FOUNDATION & CONCRETE INFILL SLAB PLAN

SCALE 1:100

NOTES:

1. FALL 1:20 - DENOTES MIN. 1200 WIDE FALL OF FINISHED GROUND AWAY FROM BUILDING. GROUNDWATER TO BE COLLECTED BY STORMWATER COLLECTION SYSTEM ON UP HILL SIDE OF BUILDING.
2. - SOIL REPORT CONDUCTED BY GEOCORE PTY. LTD. REF. ST-47482, SITE CLASS = "M"
3. BP1 - DENOTES REINFORCED CONCRETE BORED PIER AS PER DETAIL ON DRG. S04.
4. BP2 - DENOTES MASS CONCRETE BORED PIER AS PER DETAIL ON DRG. S04.
5. BP3 - DENOTES MASS CONCRETE BORED PIER AS PER DETAIL ON DRG. S05.
6. BP4 - DENOTES MASS CONCRETE BORED PIER AS PER DETAIL ON DRG. S05.
7. - SLAB SHALL BE CURED BY KEEPING CONTINUOUSLY WET FOR AT LEAST 7 DAYS AFTER POURING OF CONCRETE, OR BY APPROVED CURING COMPOUND.
8. (O) - DENOTES COLUMN/MULLION/POST OVER.
9. - SIGNIFICANT POINT LOADS SHOWN OVER (O) ONLY.
10. REFER TO DRG. S08 & S09 FOR COLUMN (C1)/MULLION (M1/DM1/DM2)/POST (P1) BASE PLATE DETAILS.
11. - REFER TO DRG. S13 FOR COLUMN (C2/C3) BASE PLATE DETAILS.
12. S.C.J.1 - DENOTES 40 DEEP x 6mm WIDE SAW CUT JOINT CUT WITHIN 24 HOURS OF POURING SLAB AS PER DETAIL ON DRG. S03.



SITE DRAINAGE:

IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THE SITE IS GRADED & DRAINED TO ENSURE NO WATER IS PERMITTED TO POND AGAINST THE SLAB.

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No.	Date	Details	By	Apprvd.



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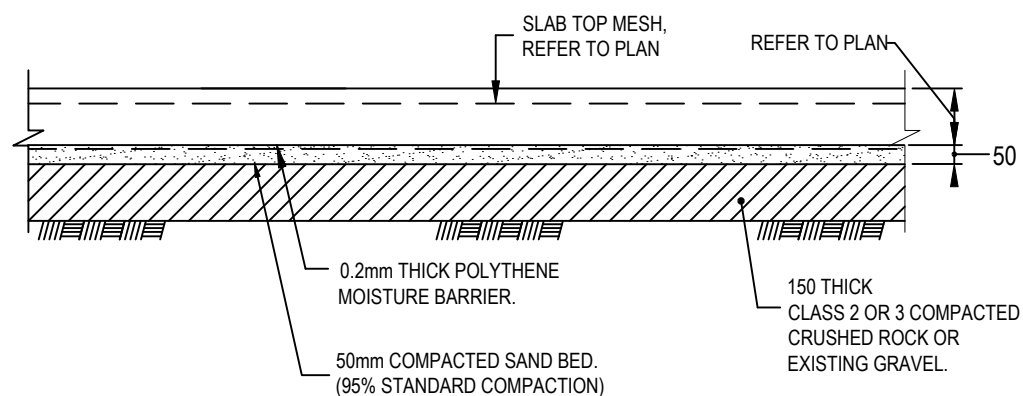
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**DAVID TREASE DESIGN
 FOR J. & L. BROGNO**

PROJECT:
**PROPOSED SHEDS AT
 2130
 YARRAGON-LEONGATHA
 ROAD, HALLSTON**

DESIGNED	WK
CHECKED	MC
APPROVED	PRD

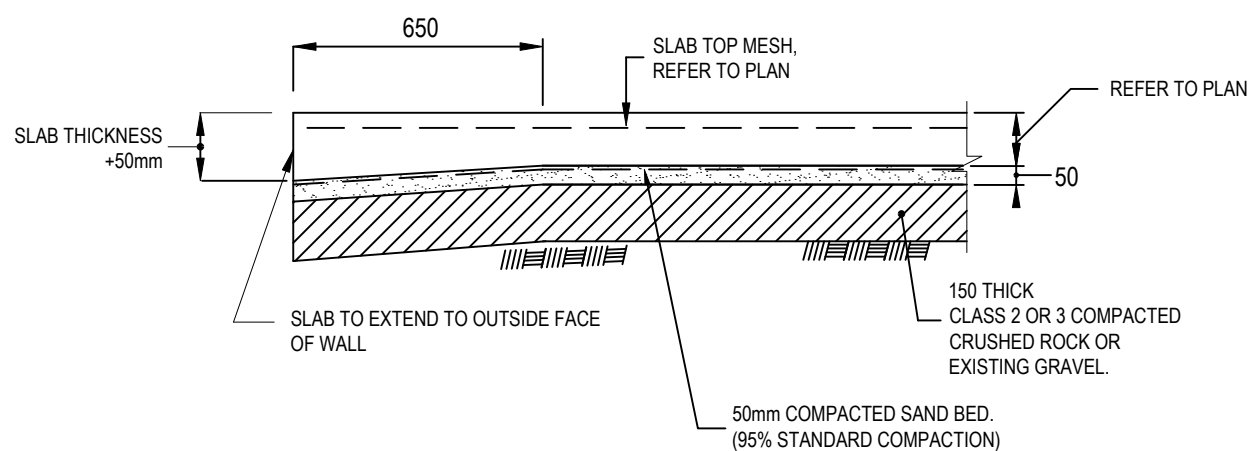
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**SHED 1 CONCRETE FOUNDATION &
 CONCRETE INFILL SLAB PLAN**

PROJECT NO.	17457
SCALE	1:100
DRAWING NO. REV	S02 0



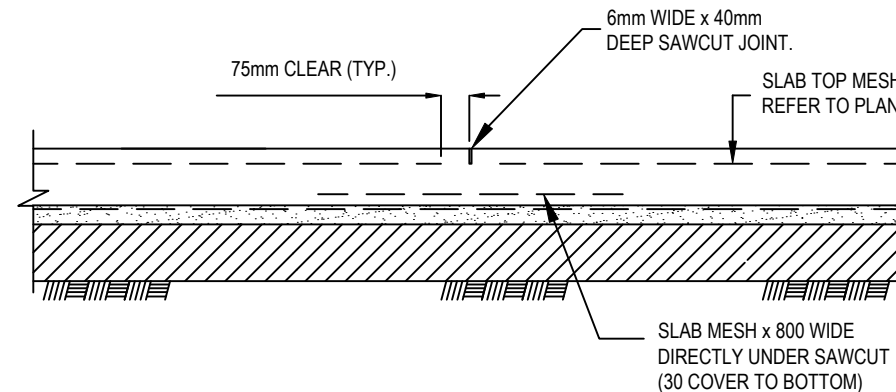
TYPICAL SLAB-ON-GROUND SECTION

SCALE 1:20



**TYPICAL SLAB-ON-GROUND
EDGE DETAIL**

SCALE 1:20

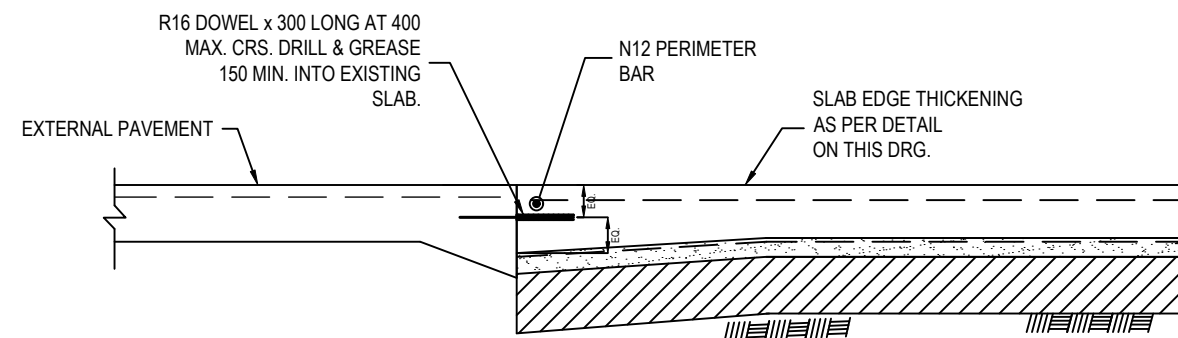


TYPICAL SAW CUT JOINT (S.C.J.1) DETAIL

SCALE 1:20

JOINT NOTES;

1. SAWCUT WITHIN 24 HOUR PERIOD AFTER CONCRETE IS POURED UNLESS AGREED OTHERWISE BY THE ENGINEER.
2. REFER ALSO TO CONCRETE NOTES ON DRAWING S01.



EXTERNAL PAVEMENT TO INFILL SLAB DETAIL

SCALE 1:20

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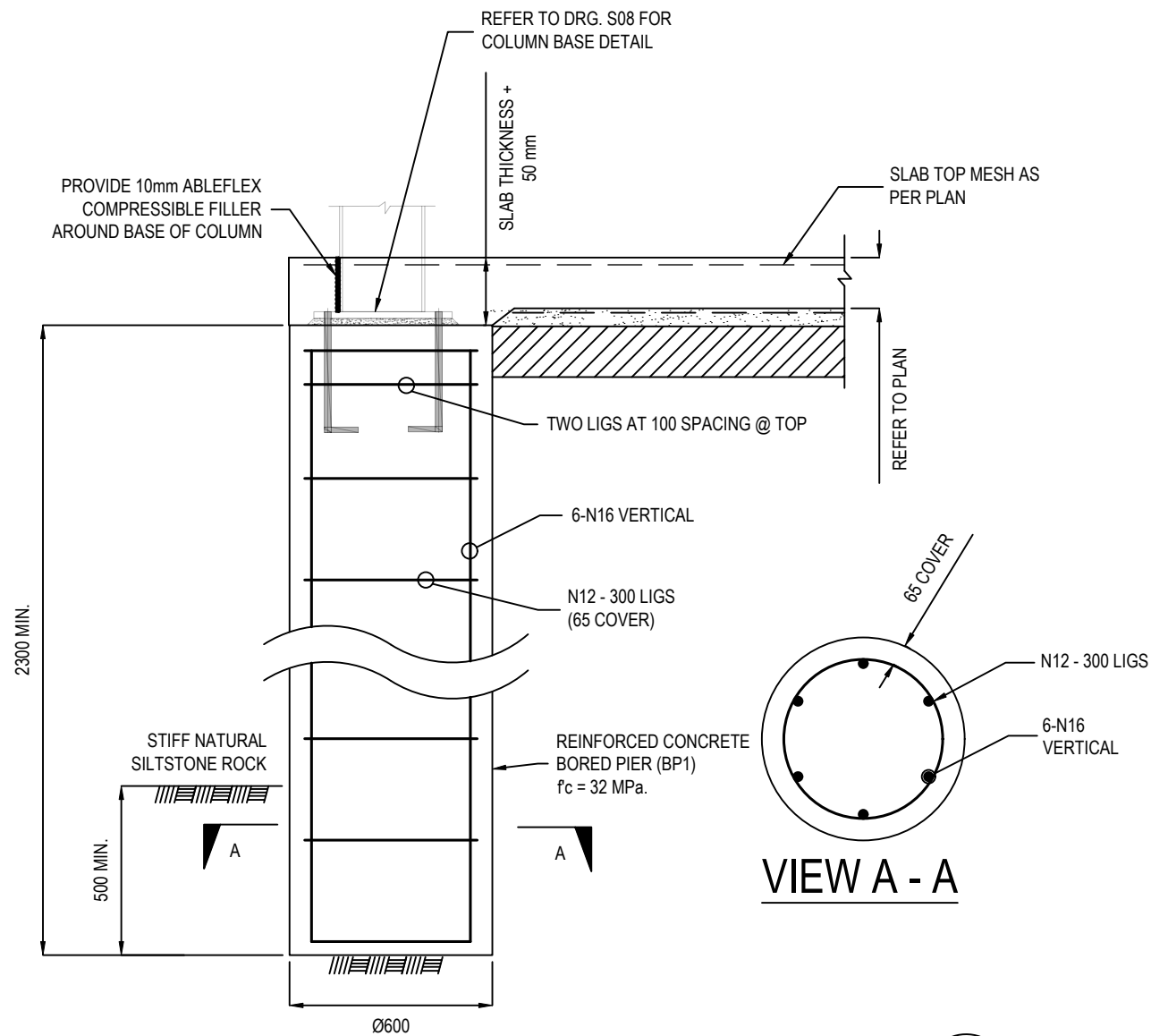
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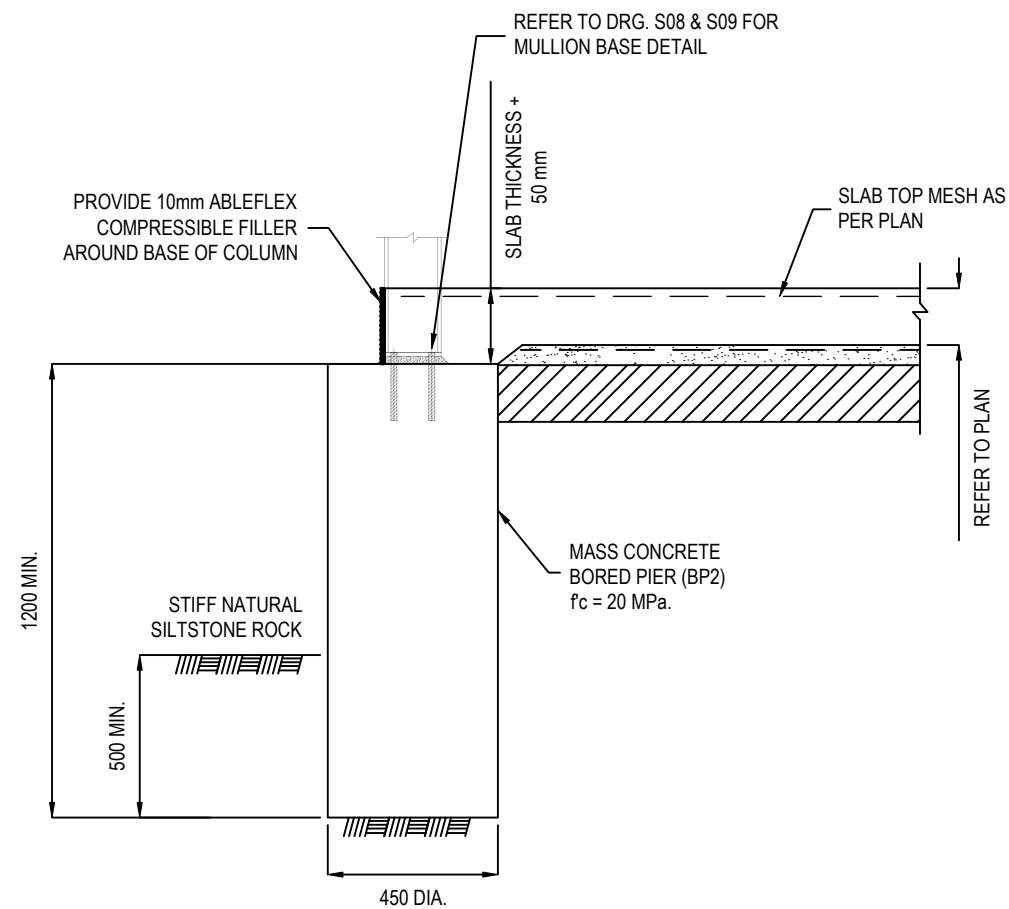
DESIGNED	WK
CHECKED	MC
APPROVED	PRD

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DRAWING TITLE	PROJECT NO.
SHED 1 CONCRETE FOUNDATION & CONCRETE INFILL SLAB DETAILS SHEET 1	17457
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DRAWING NO. REV	
S03 0	



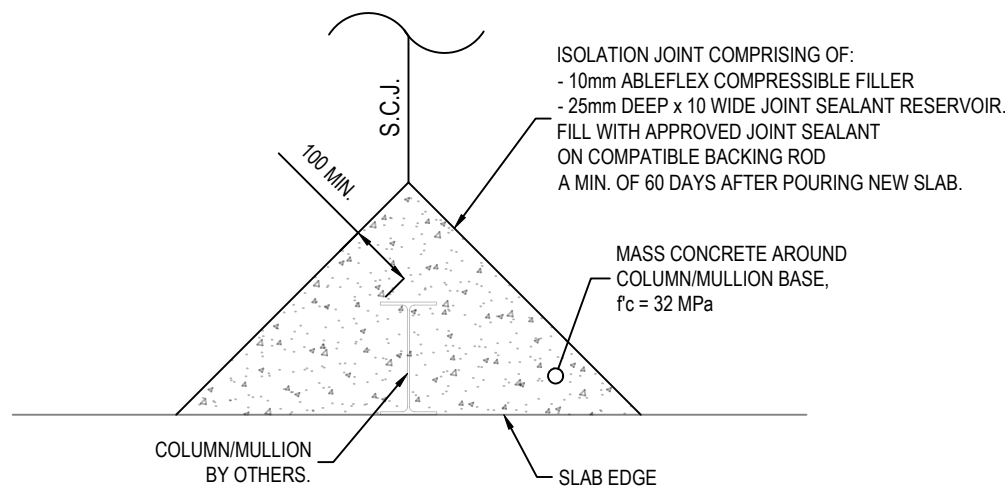
BORED PIER (BP1) DETAIL

SCALE 1:20



BORED PIER (BP2) DETAIL

SCALE 1:20



EDGE OF SLAB

TYPICAL ISOLATION JOINT DETAIL

SCALE 1:20

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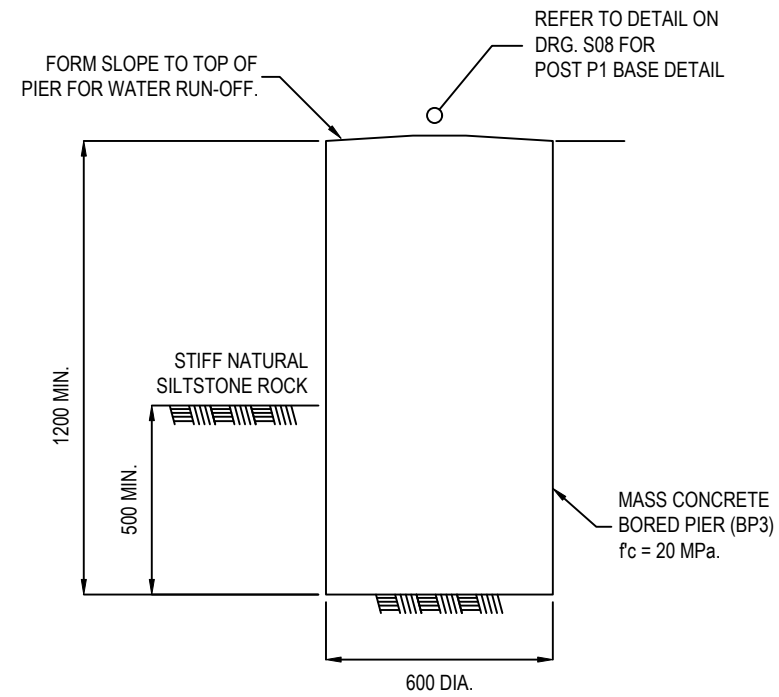
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DESIGNED	WK
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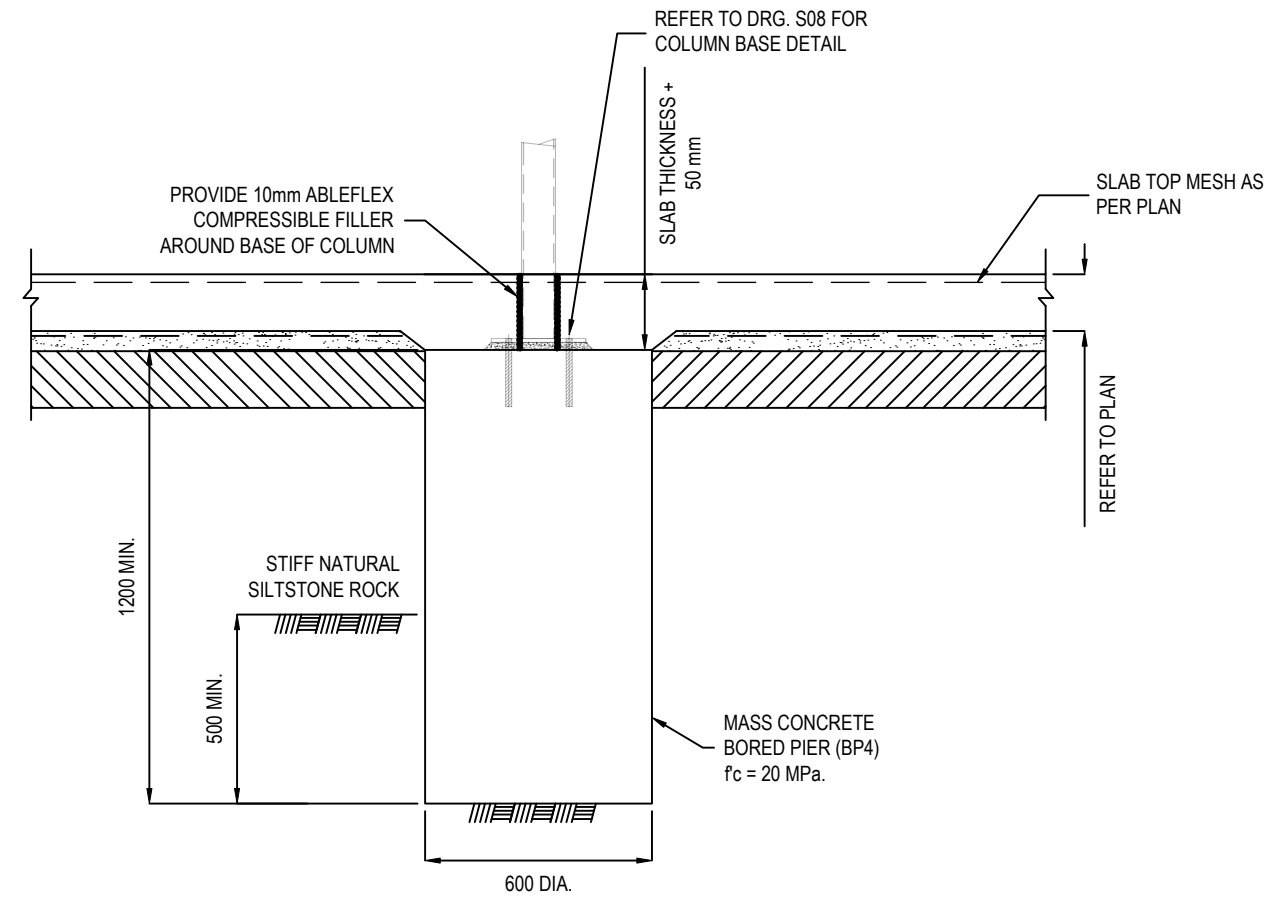
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**SHED 1 CONCRETE FOUNDATION &
CONCRETE INFILL SLAB DETAILS
SHEET 2**

PROJECT NO.
17457
SCALE
1:20
DRAWING NO. REV
S04 0



BORED PIER (BP3) DETAIL

SCALE 1:20



BORED PIER (BP4) DETAIL

SCALE 1:20

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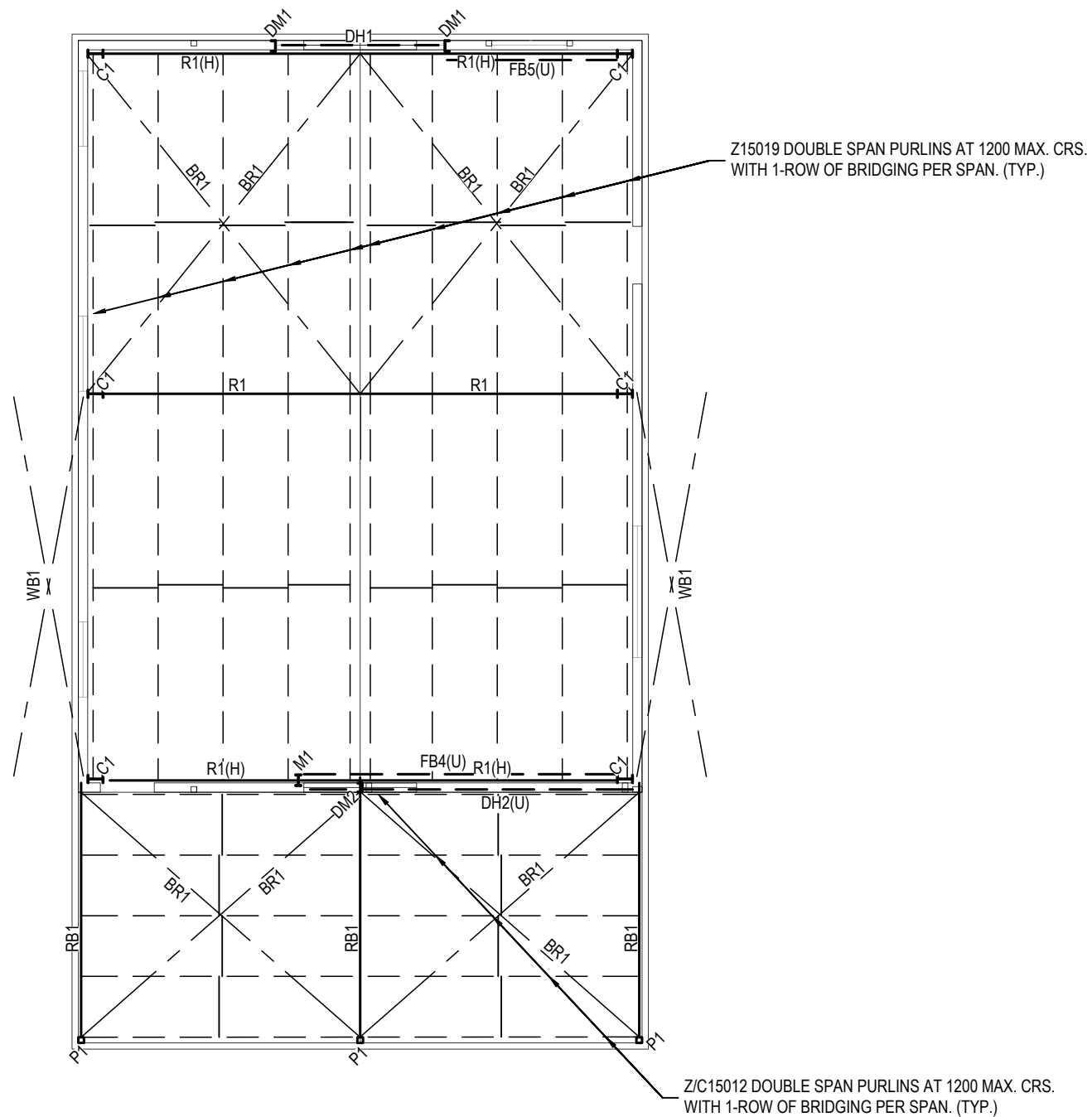
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DRAWING TITLE	PROJECT NO.
SHED 1 CONCRETE FOUNDATION & CONCRETE INFILL SLAB DETAILS SHEET 3	17457
	SCALE
	1:20
DRAWING NO.	REV
S05	0



STRUCTURAL MEMBER SCHEDULE

MARK	SIZE	REMARKS
P1	89 x 5 SHS	STEEL POST
C1	250UB25.7	STEEL COLUMN
M1	180UB22.2	STEEL MULLION
DM1	180 x 75 PFC	STEEL DOOR MULLION
DM2	150 x 75 PFC	STEEL DOOR MULLION
R1	250UB25.7	STEEL RAFTER
RB1	150 x 75 PFC	STEEL ROOF BEAM
DH1	150 x 75 PFC (ON FLAT)	STEEL DOOR HEADER
DH2	150 x 75 PFC (ON FLAT)	STEEL DOOR HEADER
WB1	16 DIA. MS ROD	STEEL WALL CROSS BRACING
BR1	16 DIA. MS ROD	STEEL ROOF CROSS BRACING
FB3	200 x 75 PFC	STEEL FLOOR BEAM
FB4	250 x 90 PFC	STEEL FLOOR BEAM

NOTE:
ALL MULTIPLE TIMBER MEMBERS (E.G. 2/90 x 45 MGP10 KD PINE) TO BE FULLY LAMINATED IN ACCORDANCE WITH AS1684.4

SHED 1 ROOF STRUCTURAL FRAMING PLAN

SCALE 1:100

NOTES:
1. (U) - DENOTES BEAM UNDER.
2. (H) - DENOTES RAFTER TO BE SET HIGH IN THE SAME PLANE AS THE PURLINS TO ALLOW FOR WINDOW AS PER WORKING DRAWINGS.

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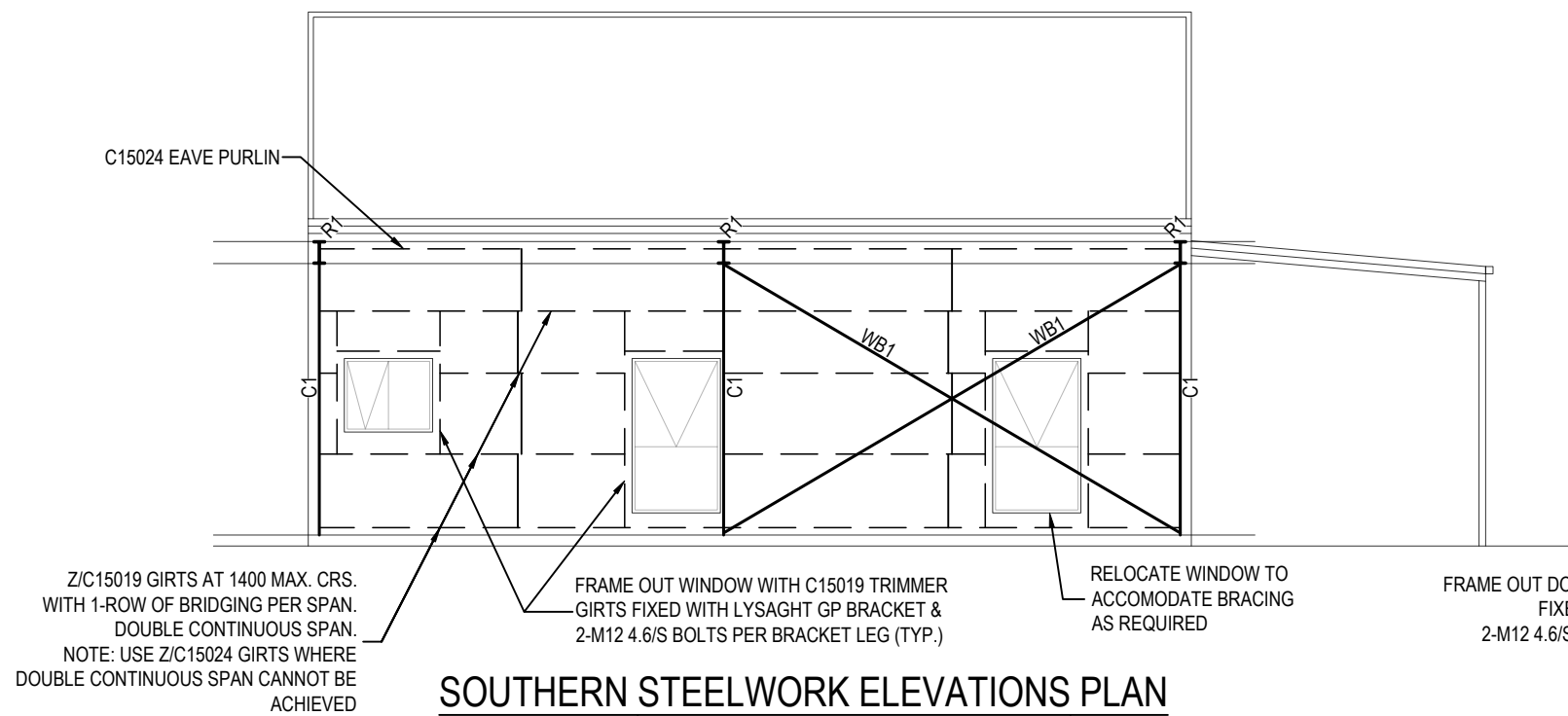
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APPROVED	PRD

DRAWING TITLE
**SHED 1 ROOF STRUCTURAL FRAMING
PLAN & SCHEDULE**

PROJECT NO.
17457

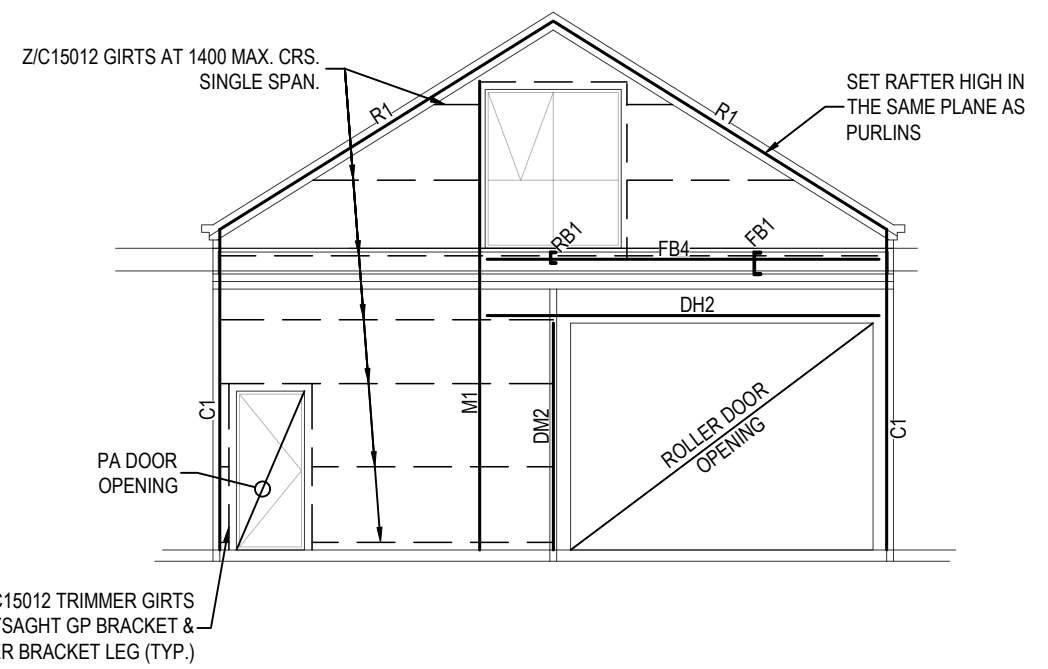
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DRAWING NO. REV
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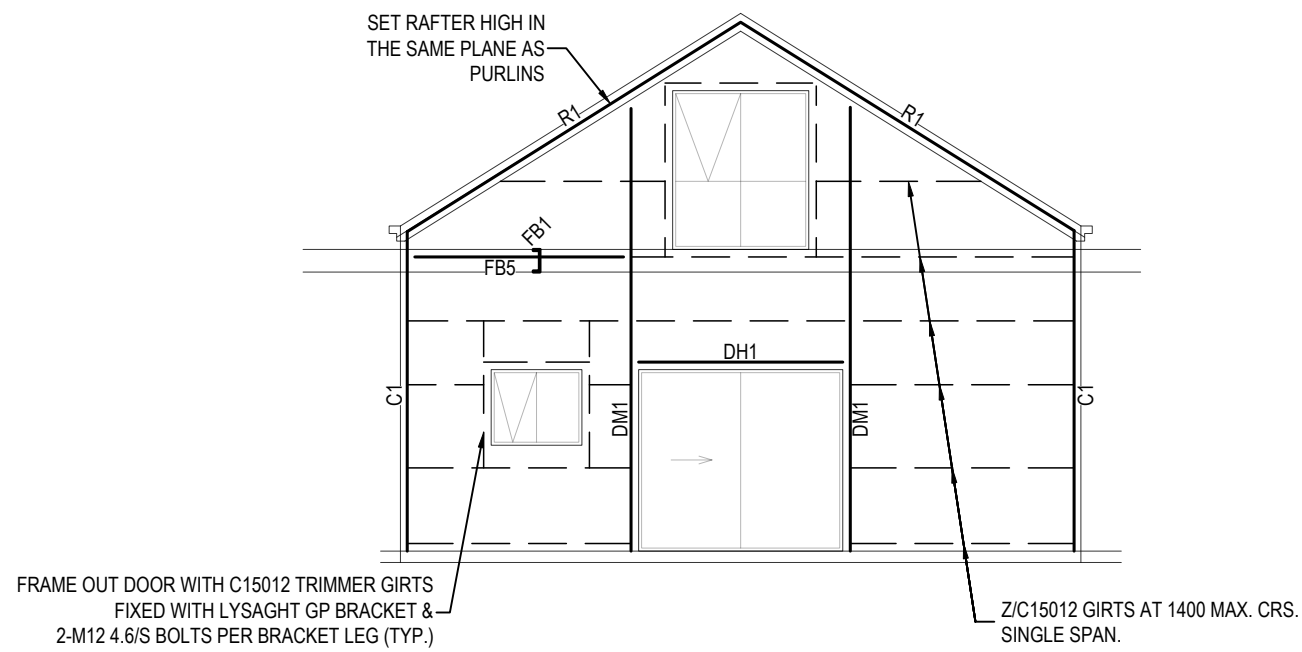
SOUTHERN STEELWORK ELEVATIONS PLAN

SCALE 1:100



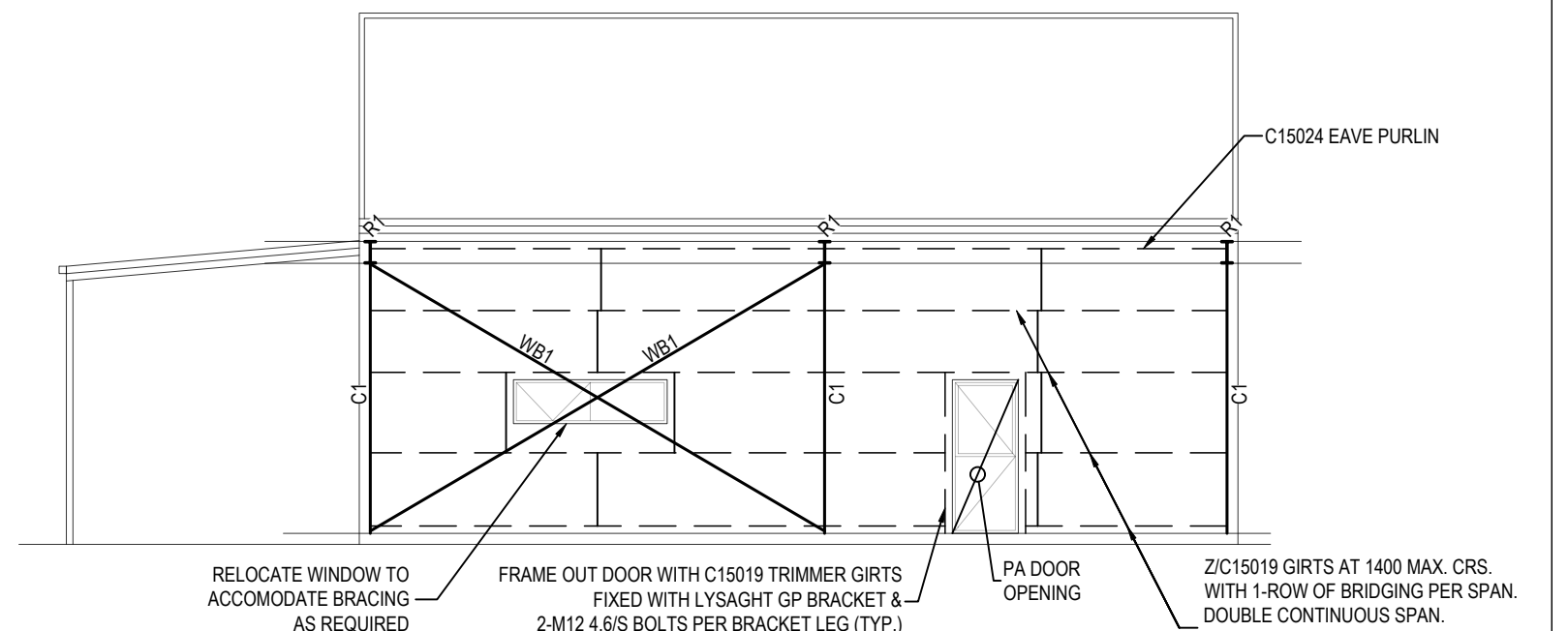
EASTERN STEELWORK ELEVATIONS PLAN

SCALE 1:100



WESTERN STEELWORK ELEVATIONS PLAN

SCALE 1:100



NORTHERN STEELWORK ELEVATIONS PLAN

SCALE 1:100

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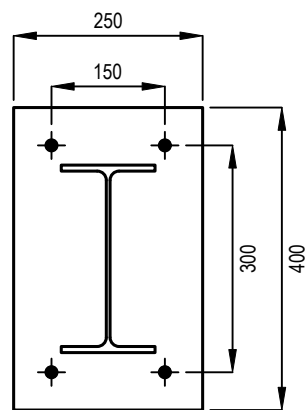
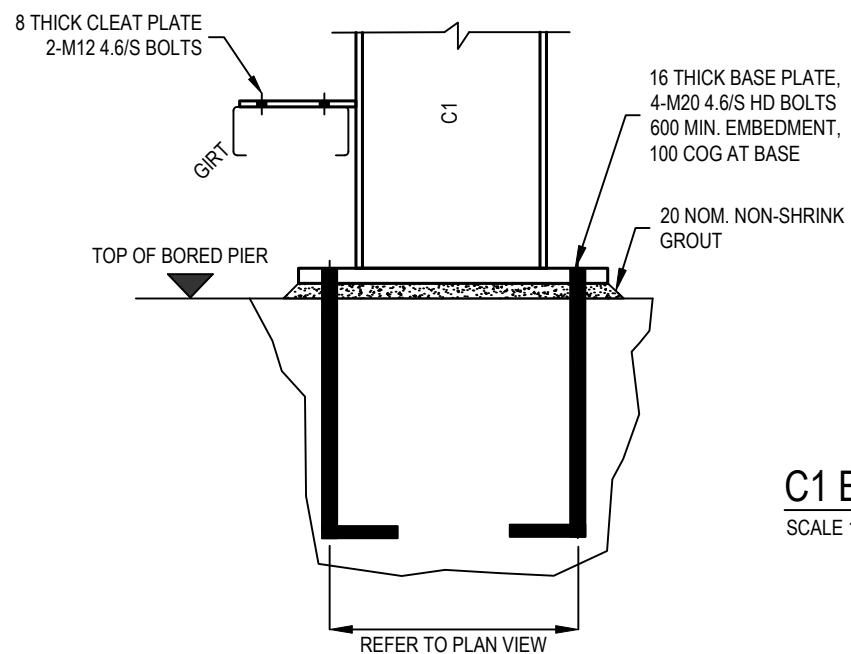
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2130
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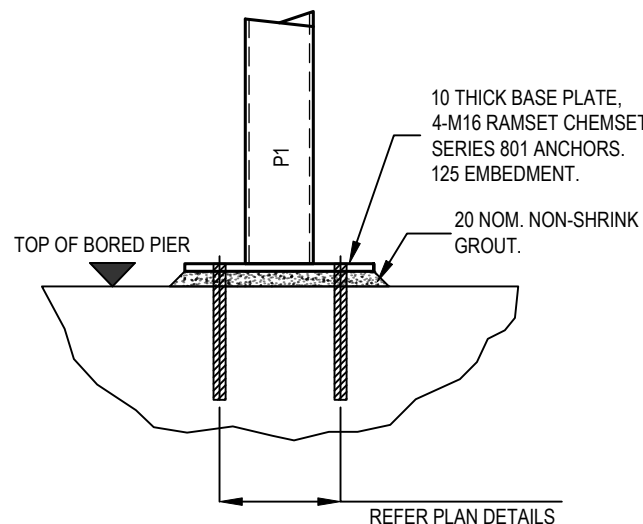
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SHED 1 STEELWORK ELEVATIONS

PROJECT NO. 17457
SCALE N.T.S.
DRAWING NO. REV S07 0

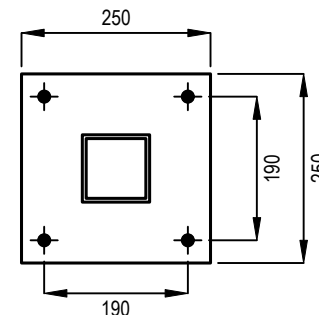


C1 BASE PLATE PLAN DETAIL
SCALE 1:10

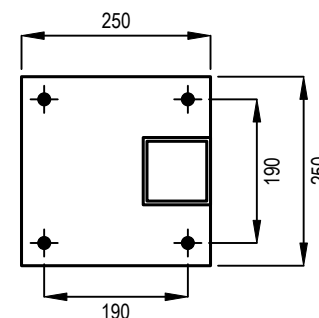
COLUMN (C1) BASE DETAIL
SCALE 1:10



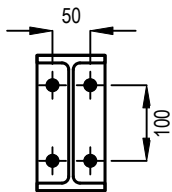
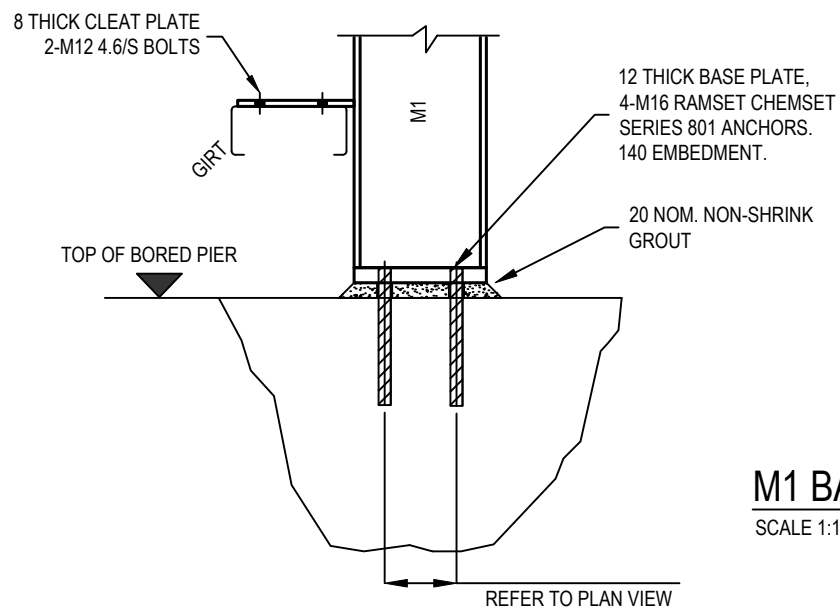
TYPICAL POST (P1) BASE DETAIL
SCALE 1:10



P1 BASE PLATE PLAN DETAIL (OPTION - 1)
SCALE 1:10



P1 BASE PLATE PLAN DETAIL (OPTION - 2)
SCALE 1:10



M1 BASE PLATE PLAN DETAIL
SCALE 1:10

MULLION (M1) BASE DETAIL
SCALE 1:10

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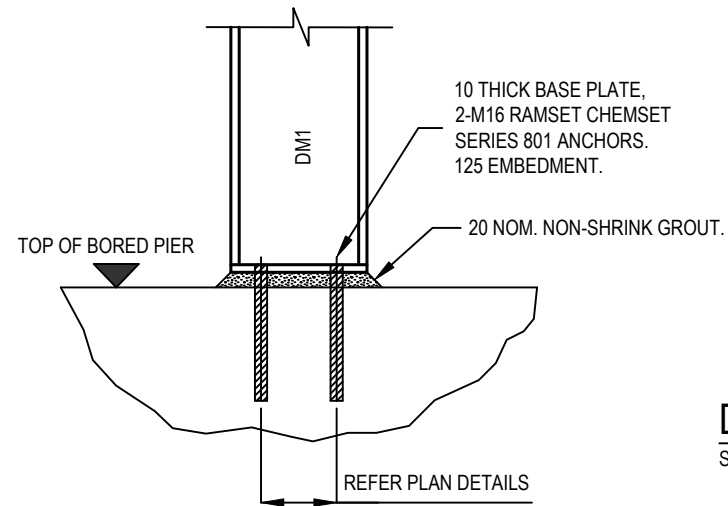
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**SHED 1 ROOF STRUCTURAL FRAMING
DETAILS SHEET 1**

PROJECT NO.
17457

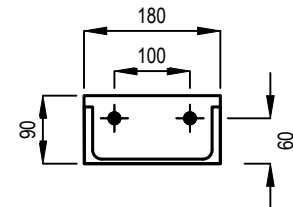
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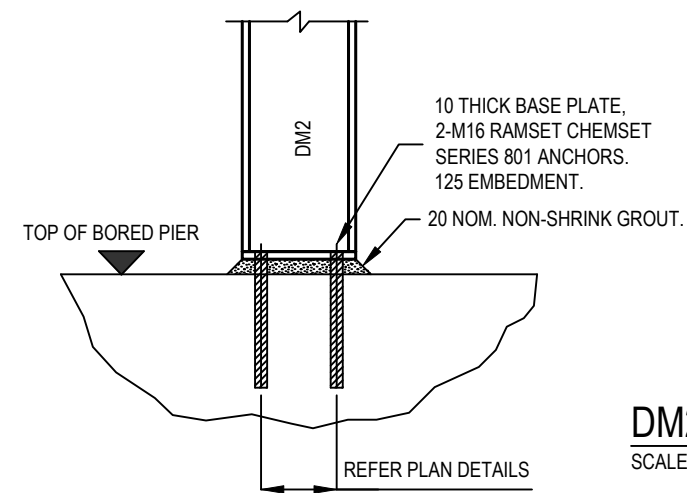
TYPICAL DOOR MULLION (DM1) BASE DETAIL

SCALE 1:10



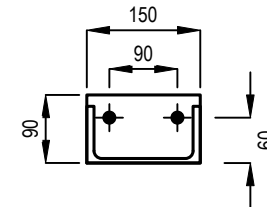
DM1 BASE PLATE PLAN DETAIL

SCALE 1:10



DOOR MULLION (DM2) BASE DETAIL

SCALE 1:10



DM2 BASE PLATE PLAN DETAIL

SCALE 1:10

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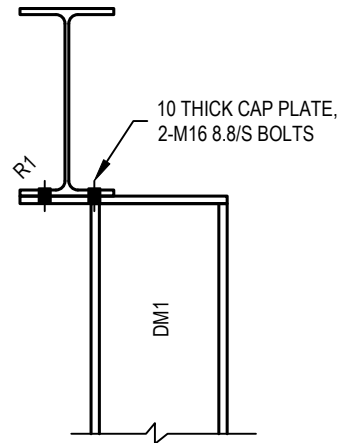
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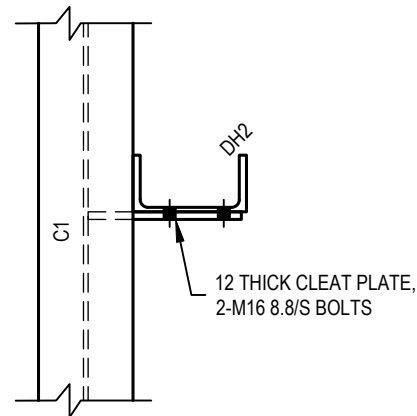
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	1:10
DRAWING NO.	REV
S09	0



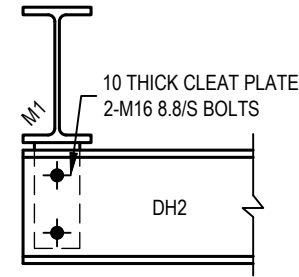
**DOOR MULLION (DM1) TO
RAFTER (R1) DETAIL**

SCALE 1:10



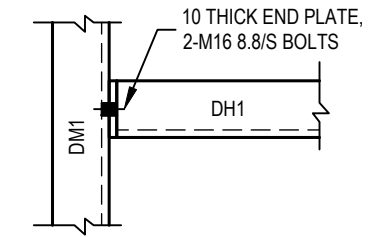
**DOOR HEADER BEAM (DH2) TO
COLUMN (C1) DETAIL**

SCALE 1:10



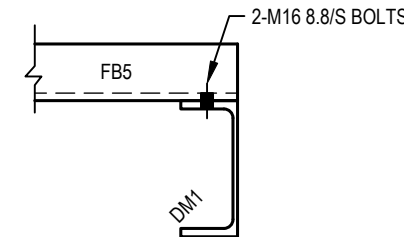
**DOOR HEADER BEAM (DH2) TO
MULLION (M1) DETAIL
(PLAN VIEW)**

SCALE 1:10



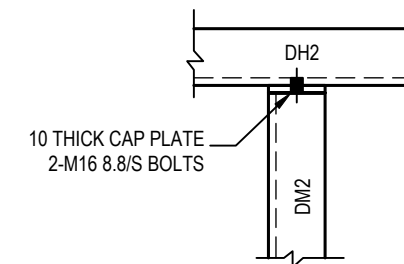
**DOOR HEADER BEAM (DH1) TO
DOOR MULLION (DM1) DETAIL**

SCALE 1:10



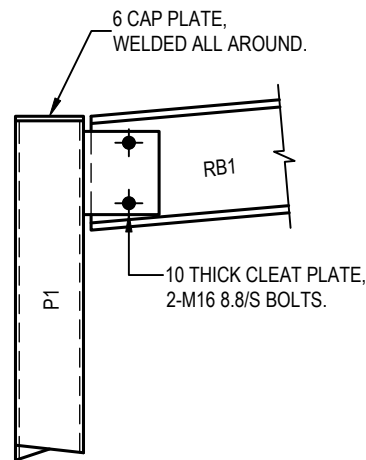
**FLOOR BEAM (FB5) TO
DOOR MULLION (DM1) DETAIL
(PLAN VIEW)**

SCALE 1:10



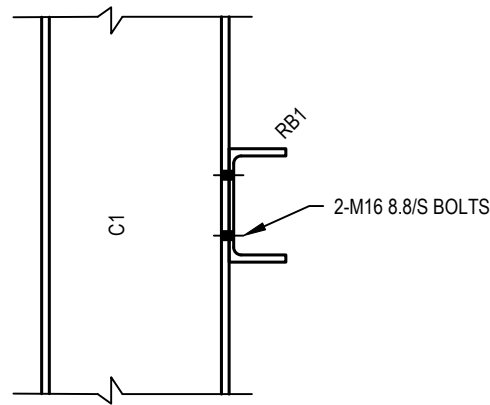
**DOOR HEADER BEAM (DH2) TO
DOOR MULLION (DM2) DETAIL**

SCALE 1:10



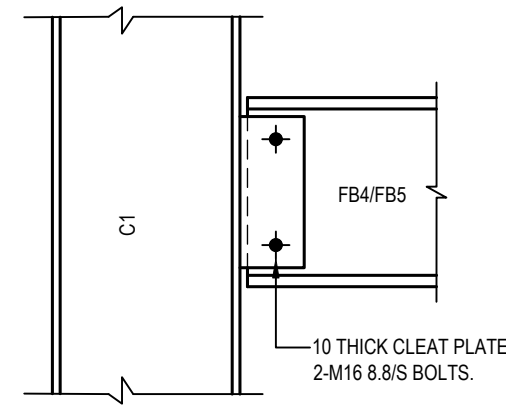
**ROOF BEAM (RB1) TO
POST (P1) DETAIL**

SCALE 1:10



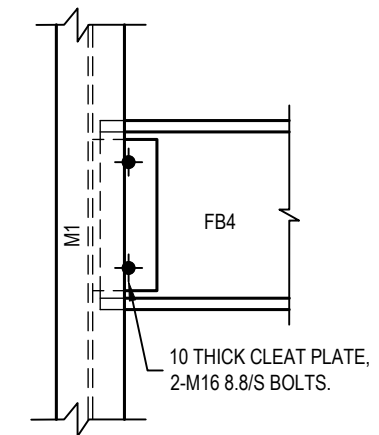
**ROOF BEAM (RB1) TO
COLUMN (C1) DETAIL**

SCALE 1:10



**FLOOR BEAM (FB4/FB5) TO
COLUMN (C1) DETAIL**

SCALE 1:10



**FLOOR BEAM (FB4) TO
MULLION (M1) DETAIL**

SCALE 1:10

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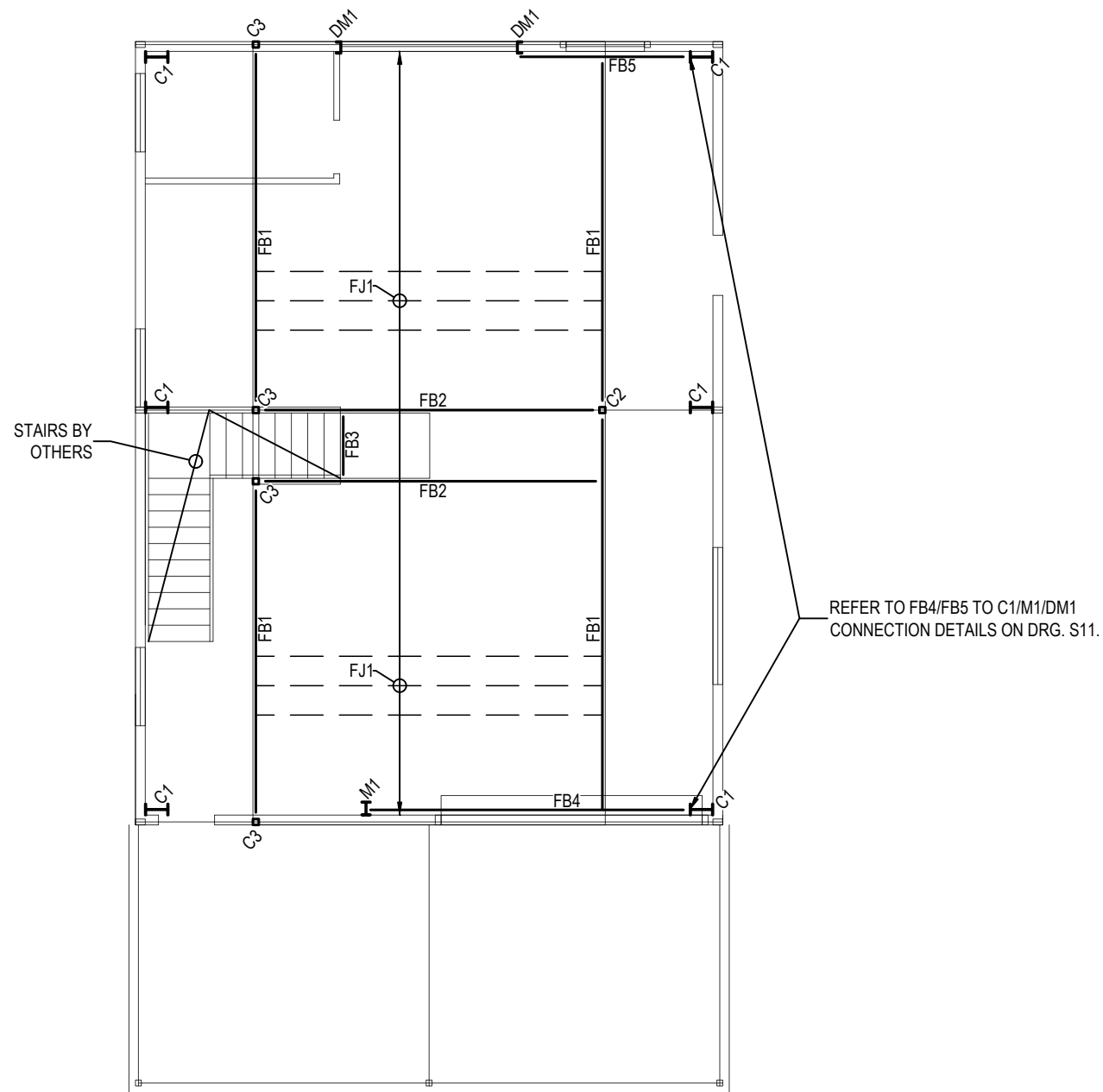
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ROAD, HALLSTON**

DESIGNED	WK
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APPROVED	PRD

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DRAWING TITLE	PROJECT NO.
SHED 1 ROOF STRUCTURAL FRAMING DETAILS SHEET 4	17457
	SCALE
	1:10
DRAWING NO. REV	
S11	0



STRUCTURAL MEMBER SCHEDULE		
MARK	SIZE	REMARKS
C2	100 x 6 SHS	STEEL COLUMN
C3	89 x 5 SHS	STEEL COLUMN
FB1	300 x 90 PFC	STEEL FLOOR BEAM
FB2	200 x 75 PFC	STEEL FLOOR BEAM
FB3	200 x 75 PFC	STEEL FLOOR BEAM
FB4	250 x 90 PFC	STEEL FLOOR BEAM
FB5	200 x 75 PFC	STEEL FLOOR BEAM
FJ1	300 x 63 LVL13 <u>OR</u> Z/C20019	TIMBER FLOOR JOISTS AT 450 MAX. CRS., PROVIDE SOLID BLOCKING AT 1/3 MAX. SPAN CRS. <u>OR</u> STEEL JOISTS AT 450 MAX. CRS.
NOTE: ALL MULTIPLE TIMBER MEMBERS (E.G. 2/90 x 45 MGP10 KD PINE) TO BE FULLY LAMINATED IN ACCORDANCE WITH AS1684.4		

SHED 1 MEZZANINE FLOOR STRUCTURAL FRAMING PLAN

SCALE 1:100

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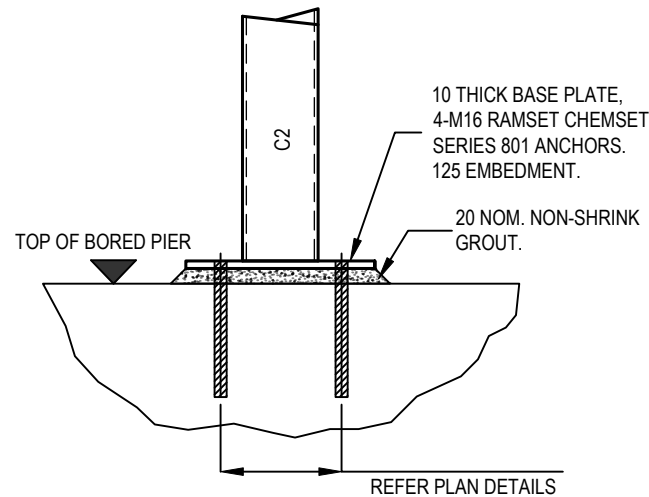
CLIENT:
**DAVID TREASE DESIGN
FOR J. & L. BROGNO**

PROJECT:
**PROPOSED SHEDS AT
2130
YARRAGON-LEONGATHA
ROAD, HALLSTON**

DESIGNED	WK
CHECKED	MC
APPROVED	PRD

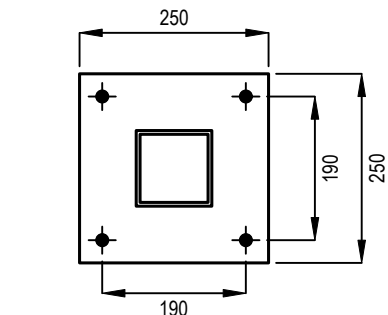
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STRUCTURAL FRAMING PLAN &
SCHEDULE**

PROJECT NO. 17457
SCALE 1:100
DRAWING NO. REV S12 0



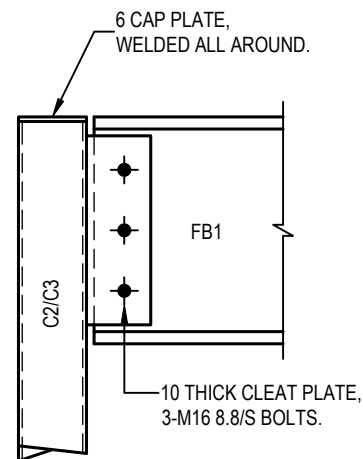
TYPICAL COLUMN (C2) BASE DETAIL
COLUMN (C3) BASE DETAIL SIMILAR

SCALE 1:10



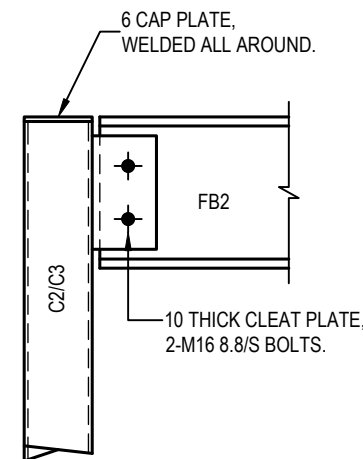
BASE PLATE PLAN DETAIL

SCALE 1:10



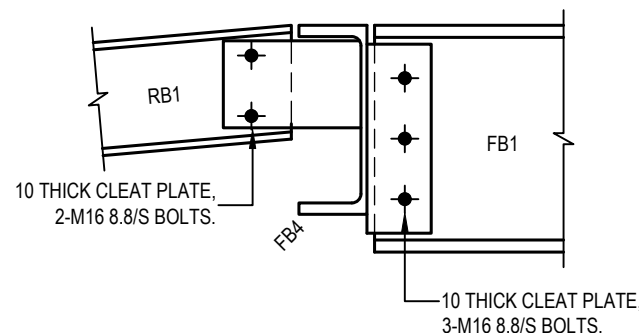
FLOOR BEAM (FB1) TO COLUMN (C2/C3) DETAIL

SCALE 1:10



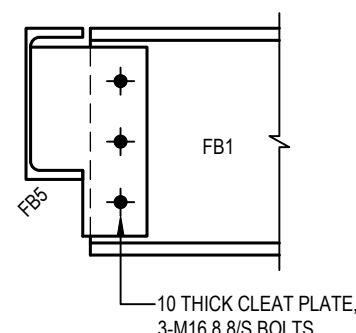
FLOOR BEAM (FB2) TO COLUMN (C2/C3) DETAIL

SCALE 1:10



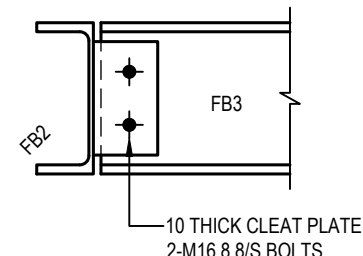
ROOF/FLOOR BEAM (RB1/FB1) TO FLOOR BEAM (FB4) DETAIL

SCALE 1:10



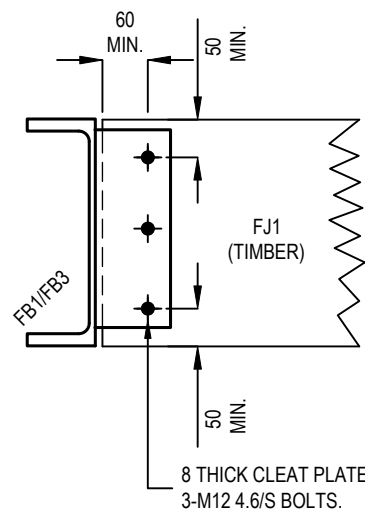
FLOOR BEAM (FB1) TO FLOOR BEAM (FB5) DETAIL

SCALE 1:10

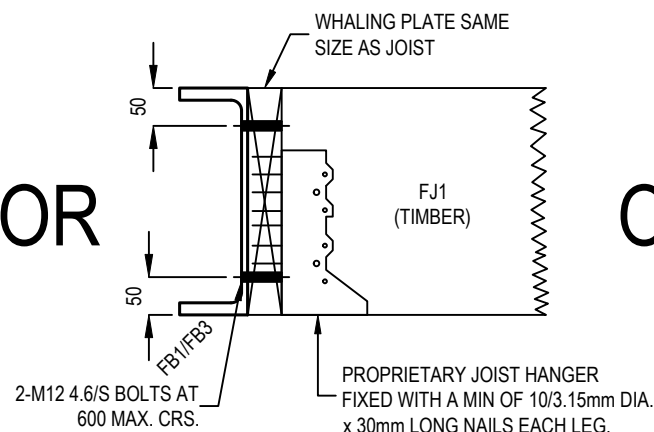


FLOOR BEAM (FB3) TO FLOOR BEAM (FB2) DETAIL

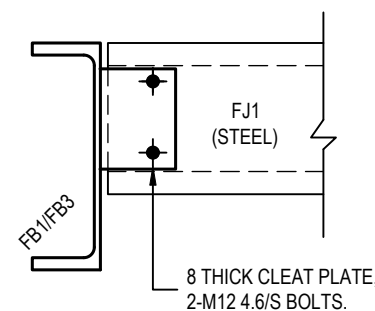
SCALE 1:10



OR



OR



FLOOR JOIST (FJ1) TO FLOOR BEAM (FB1/FB3) DETAIL

SCALE 1:10

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**SHED 1 MEZZANINE FLOOR
 STRUCTURAL FRAMING
 DETAILS SHEET 1**

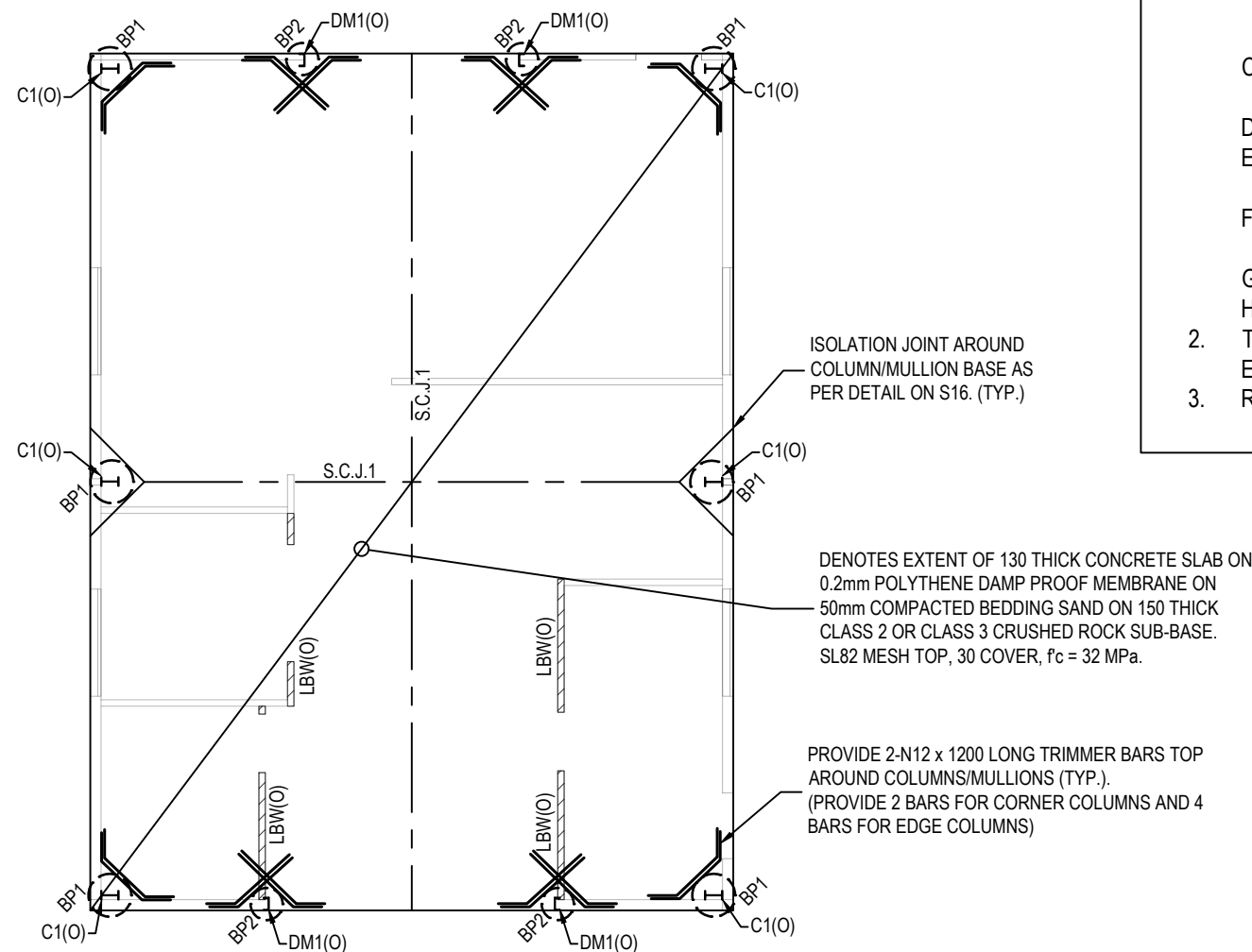
PROJECT NO.
17457

SCALE
1:10

DRAWING NO. REV
S13 0

IMPORTANT SLAB PREPARATION NOTES:

1. PREPARE SUBGRADE IN ACCORDANCE WITH THE CIVIL WORKS SPECIFICATION AND TO THE FOLLOWING PROCEDURE UPON COMPLETION OF BULK EARTHWORKS BY CIVIL CONTRACTOR:
 - A. STRIP TOPSOIL AND ANY LOOSE MATERIAL TO SUBGRADE
 - B. THE EXPOSED SUBGRADE SHALL BE COMPACTED WITH A 3 TONNE VIBRATING ROLLER (MINIMUM OF 4 No. PASSES IN EACH DIRECTION) BEFORE PROOF ROLLING WITH THE SAME ROLLER TO 98% STANDARD COMPACTION.
 - C. ANY SOFT SPOTS SHALL BE EXCAVATED AND MADE GOOD WITH APPROVED CLEAN GRANULAR FILL COMPACTED TO A DENSITY MATCHING THAT OF THE SURROUNDING SUBGRADE.
 - D. LAY FILL IN 200mm LOOSE LAYERS & COMPACT TO AT LEAST 98% STANDARD COMPACTION.
 - E. COMPACTION TESTS TO BE UNDERTAKEN BY QUALIFIED GEOTECHNICAL LABORATORY AFTER FINAL FILL PLACEMENT
 - F. LAY 150 THICK CLASS 2 CRUSHED ROCK BASE COURSE COMPACTED TO 98% STANDARD COMPACTION.
 - G. LAY 50mm THICK COMPACTED SAND BED.
 - H. LAY 0.2mm THICK DAMP PROOF MOISTURE BARRIER OVER ENTIRE SLAB BASE
2. THE SUBGRADE PREPARATION SHALL BE INSPECTED AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF MOISTURE BARRIER.
3. REFER DRAWING S01 FOR CONCRETE NOTES.



ISOLATION JOINT AROUND COLUMN/MULLION BASE AS PER DETAIL ON S16. (TYP.)

DENOTES EXTENT OF 130 THICK CONCRETE SLAB ON 0.2mm POLYTHENE DAMP PROOF MEMBRANE ON 50mm COMPACTED BEDDING SAND ON 150 THICK CLASS 2 OR CLASS 3 CRUSHED ROCK SUB-BASE. SL82 MESH TOP, 30 COVER, $f_c = 32$ MPa.

PROVIDE 2-N12 x 1200 LONG TRIMMER BARS TOP AROUND COLUMNS/MULLIONS (TYP.). (PROVIDE 2 BARS FOR CORNER COLUMNS AND 4 BARS FOR EDGE COLUMNS)

NOTES:

1. $\frac{FALL}{1:20}$ - DENOTES MIN. 1200 WIDE FALL OF FINISHED GROUND AWAY FROM BUILDING. GROUNDWATER TO BE COLLECTED BY STORMWATER COLLECTION SYSTEM ON UP HILL SIDE OF BUILDING.
2. LBW(O) - DENOTES INTERNAL LOAD BEARING WALL OVER.
3. - SOIL REPORT CONDUCTED BY GEOCORE PTY. LTD. REF. ST-47482, SITE CLASS = "M"
4. BP1 - DENOTES REINFORCED CONCRETE BORED PIER AS PER DETAIL ON DRG. S16.
5. BP2 - DENOTES MASS CONCRETE BORED PIER AS PER DETAIL ON DRG. S16.
6. - SLAB SHALL BE CURED BY KEEPING CONTINUOUSLY WET FOR AT LEAST 7 DAYS AFTER POURING OF CONCRETE, OR BY APPROVED CURING COMPOUND.
7. (O) - DENOTES COLUMN/POST OVER.
8. - SIGNIFICANT POINT LOADS SHOWN OVER (O) ONLY.
9. REFER TO DRG. S19 & S19 FOR COLUMN (C1) AND MULLION (DM1) BASE PLATE DETAILS.
10. S.C.J.1 - DENOTES 40 DEEP x 6mm WIDE SAW CUT JOINT CUT WITHIN 24 HOURS OF POURING SLAB AS PER DETAIL ON DRG. S15.

SHED 2 CONCRETE FOUNDATION & CONCRETE INFILL SLAB PLAN

SCALE 1:100

SITE DRAINAGE:

IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THE SITE IS GRADED & DRAINED TO ENSURE NO WATER IS PERMITTED TO POND AGAINST THE SLAB.

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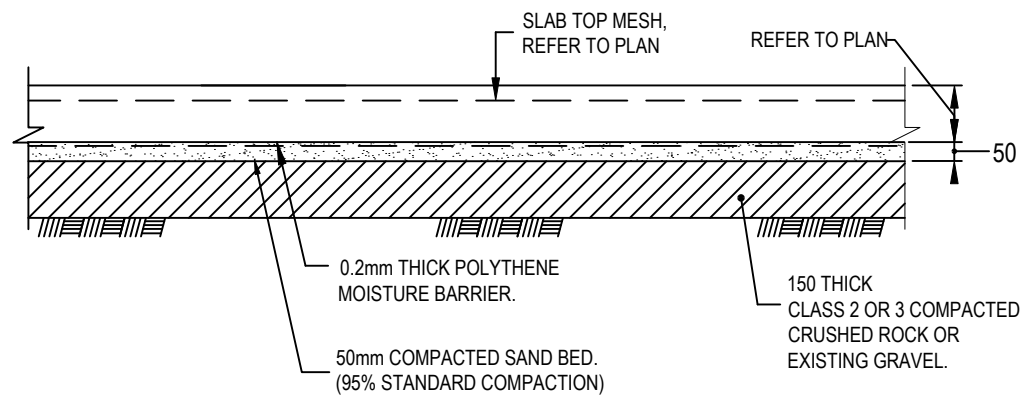
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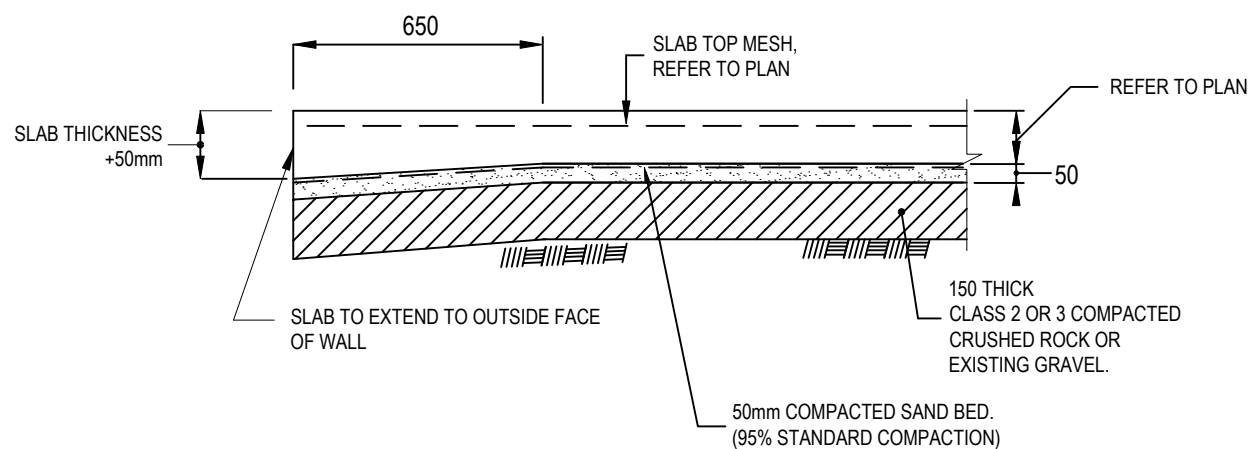
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SHED 2 CONCRETE FOUNDATION &
CONCRETE INFILL SLAB PLAN

PROJECT NO.
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SCALE
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DRAWING NO. REV
S14 0



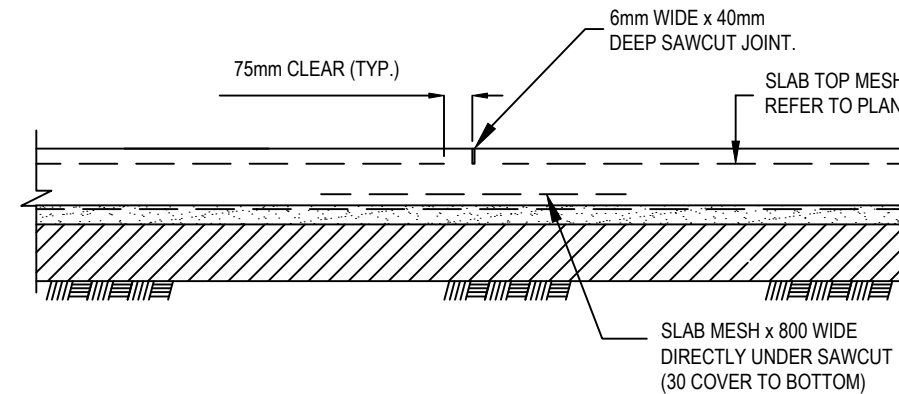
TYPICAL SLAB-ON-GROUND SECTION

SCALE 1:20



TYPICAL SLAB-ON-GROUND EDGE DETAIL

SCALE 1:20

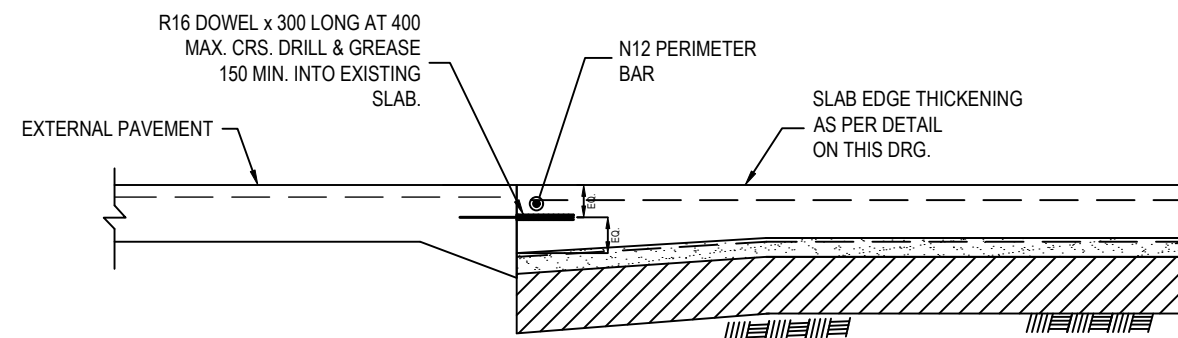


TYPICAL SAW CUT JOINT (S.C.J.1) DETAIL

SCALE 1:20

JOINT NOTES;

1. SAWCUT WITHIN 24 HOUR PERIOD AFTER CONCRETE IS POURED UNLESS AGREED OTHERWISE BY THE ENGINEER.
2. REFER ALSO TO CONCRETE NOTES ON DRAWING S01.



EXTERNAL PAVEMENT TO INFILL SLAB DETAIL

SCALE 1:20

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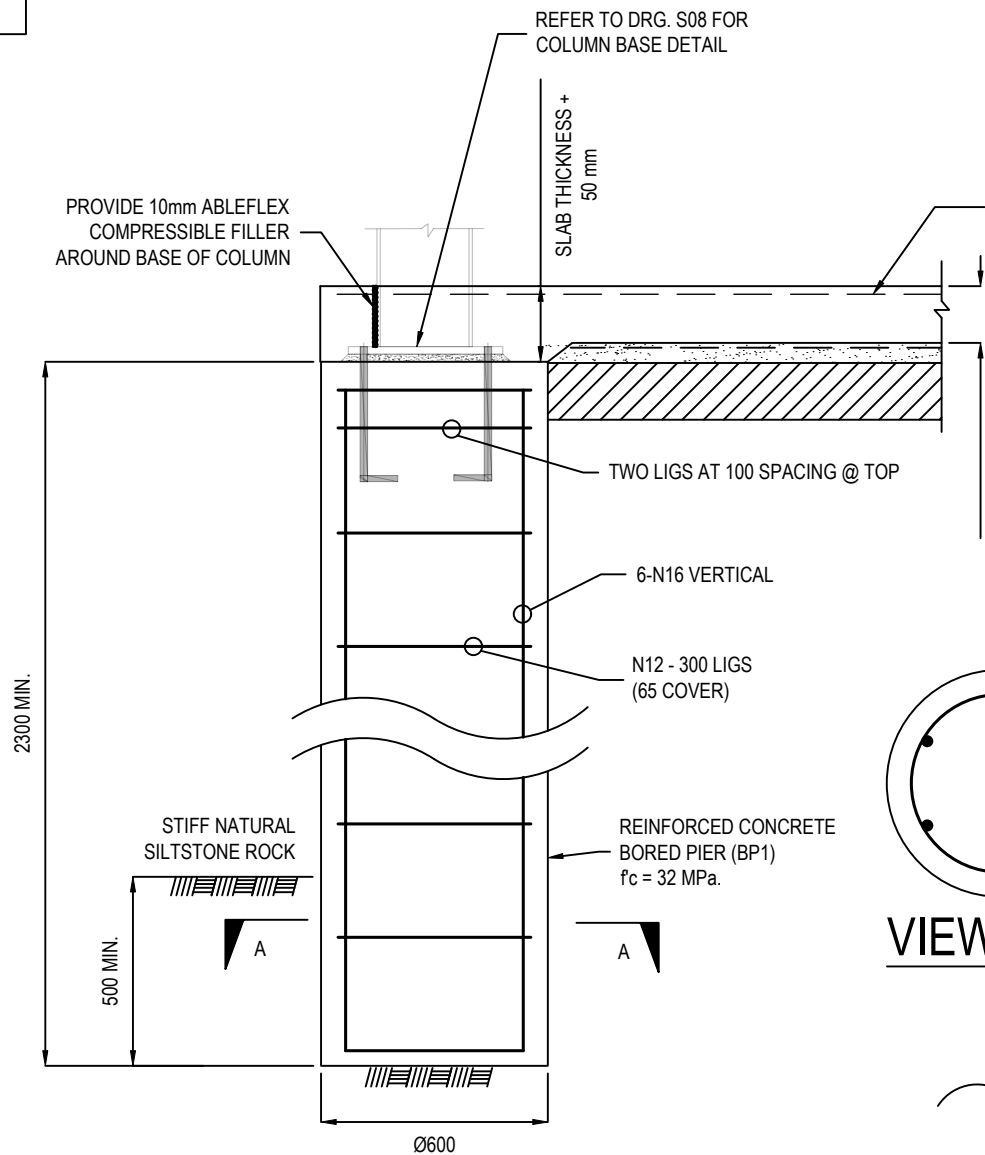
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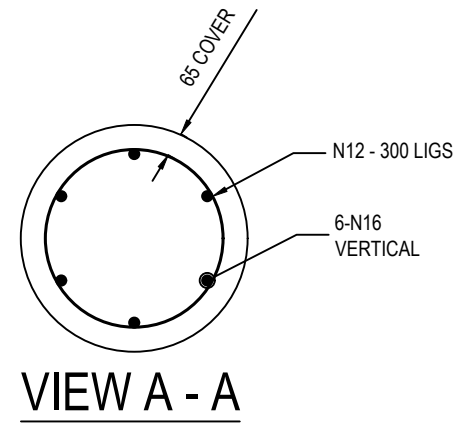
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DRAWING TITLE	PROJECT NO.
SHED 2 CONCRETE FOUNDATION & CONCRETE INFILL SLAB DETAILS SHEET 1	17457
	SCALE
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S15	0

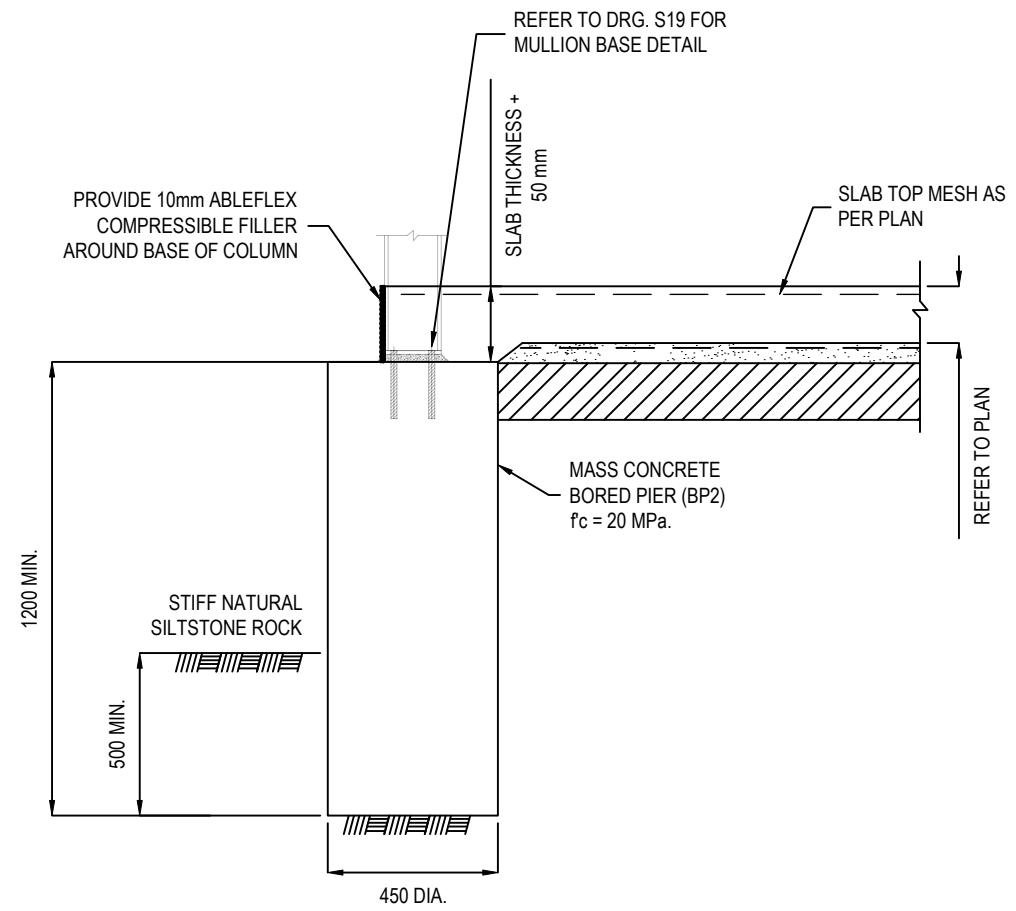


BORED PIER (BP1) DETAIL

SCALE 1:20

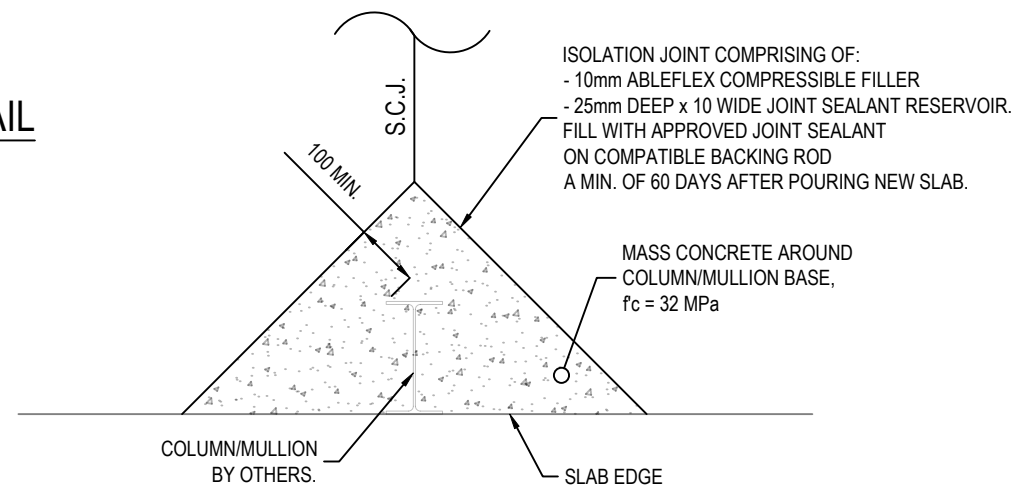


VIEW A - A



BORED PIER (BP2) DETAIL

SCALE 1:20



EDGE OF SLAB

TYPICAL ISOLATION JOINT DETAIL

SCALE 1:20

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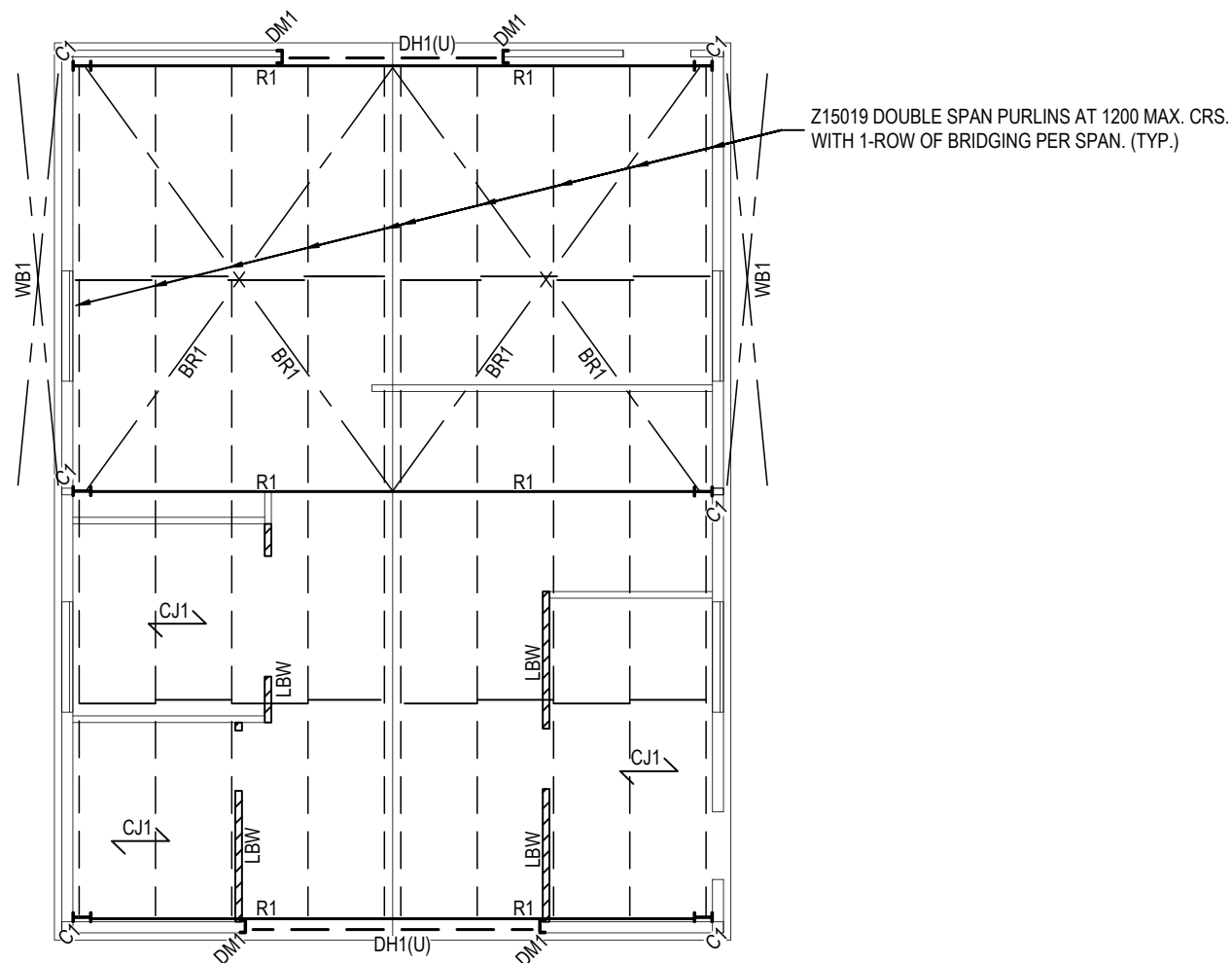
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DRAWING TITLE
**SHED 2 CONCRETE FOUNDATION &
CONCRETE INFILL SLAB DETAILS
SHEET 2**

PROJECT NO. 17457
SCALE 1:20
DRAWING NO. REV S16 0



STRUCTURAL MEMBER SCHEDULE

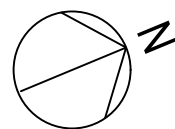
MARK	SIZE	REMARKS
C1	250UB25.7	STEEL COLUMN
DM1	180 x 75 PFC	STEEL DOOR MULLION
DH1	150 x 75 PFC (ON FLAT)	STEEL DOOR HEADER
R1	250UB25.7	STEEL RAFTER
BR1	16 DIA. MS ROD BRACING	STEEL ROOF CROSS BRACING
WB1	16 DIA. MS ROD BRACING	STEEL WALL CROSS BRACING
CJ1	90 x 45 MGP10 KD PINE	TIMBER CEILING JOISTS AT 900 MAX. CRS.

NOTE:
ALL MULTIPLE TIMBER MEMBERS (E.G. 2/90 x 45 MGP10 KD PINE) TO BE FULLY LAMINATED IN ACCORDANCE WITH AS1684.4

SHED 2 ROOF STRUCTURAL FRAMING PLAN

SCALE 1:100

- NOTES:**
- (U) - DENOTES BEAM UNDER.
 - ↔ - DENOTES SPAN DIRECTION OF CEILING JOISTS.
 - LBW - DENOTES INTERNAL LOAD BEARING WALL.



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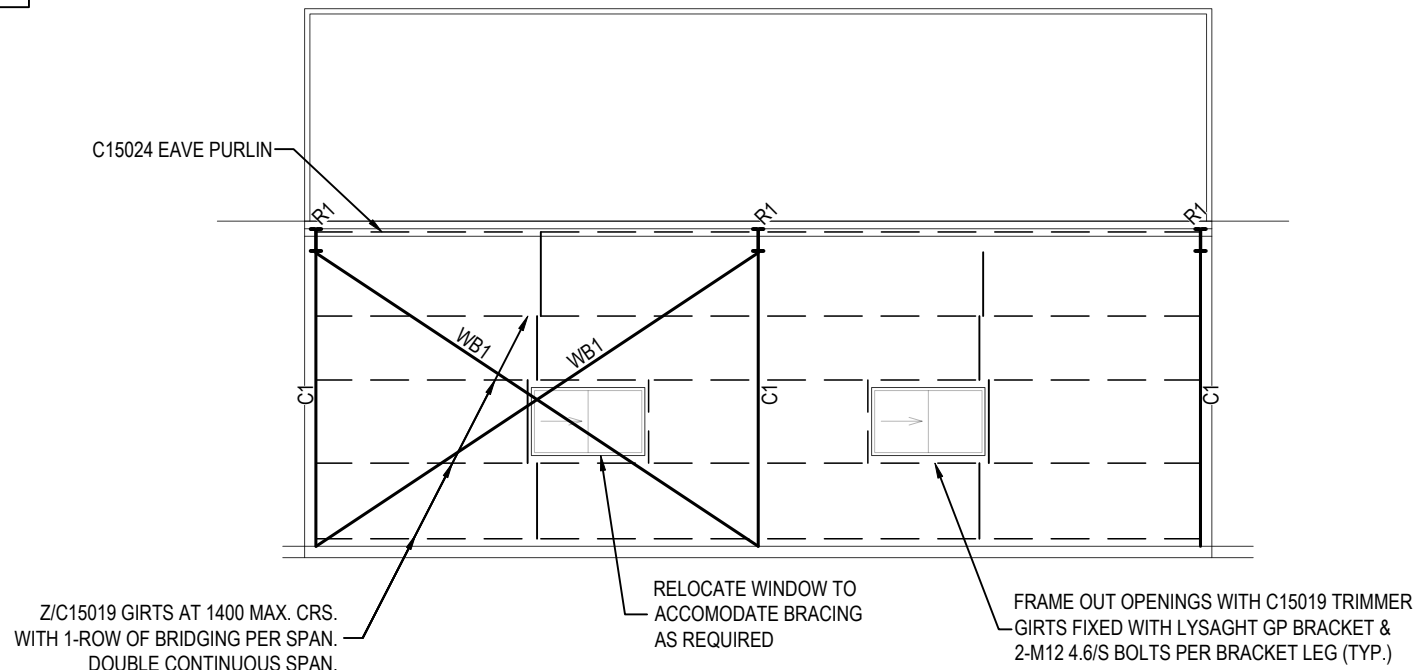
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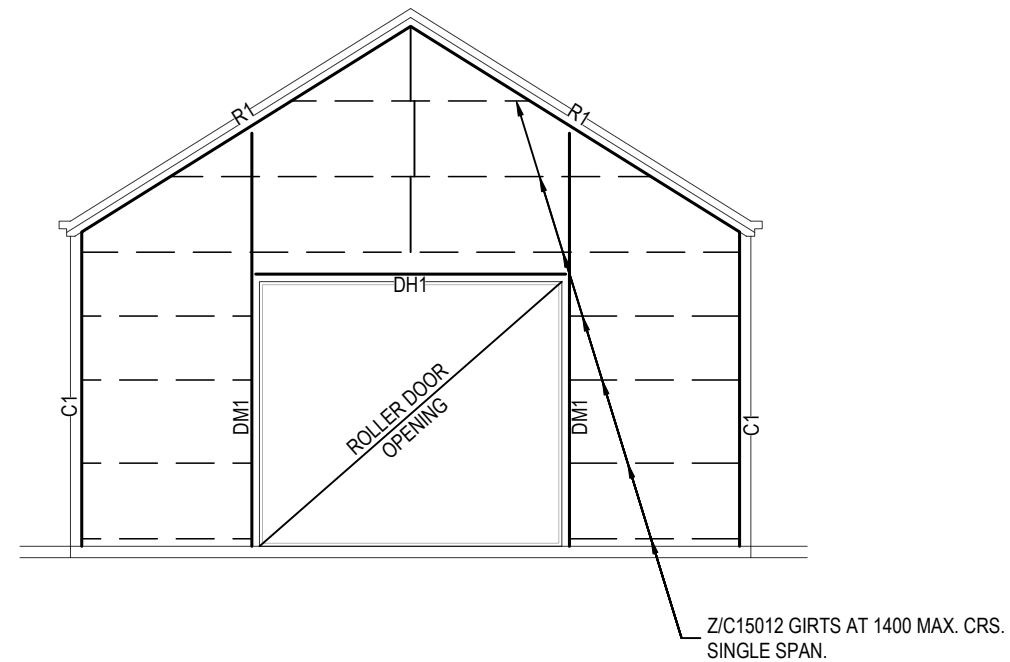
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PLAN & SCHEDULE**

PROJECT NO. 17457
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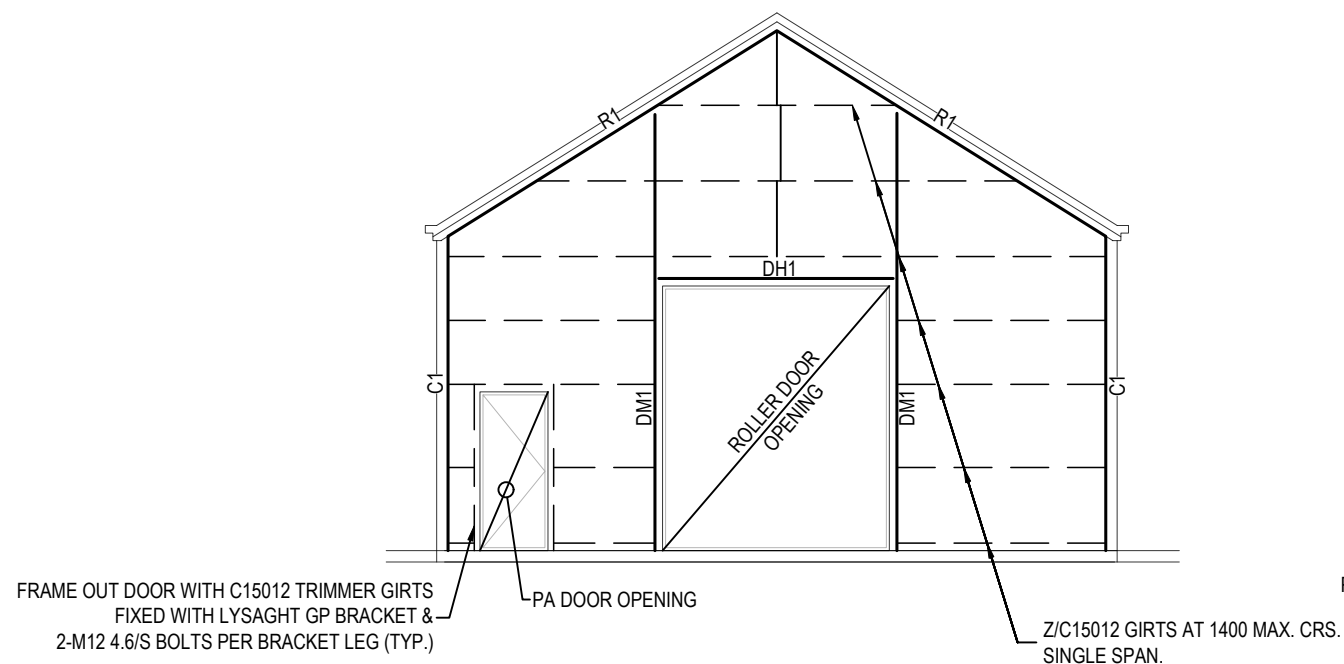
SOUTHERN STEELWORK ELEVATIONS PLAN

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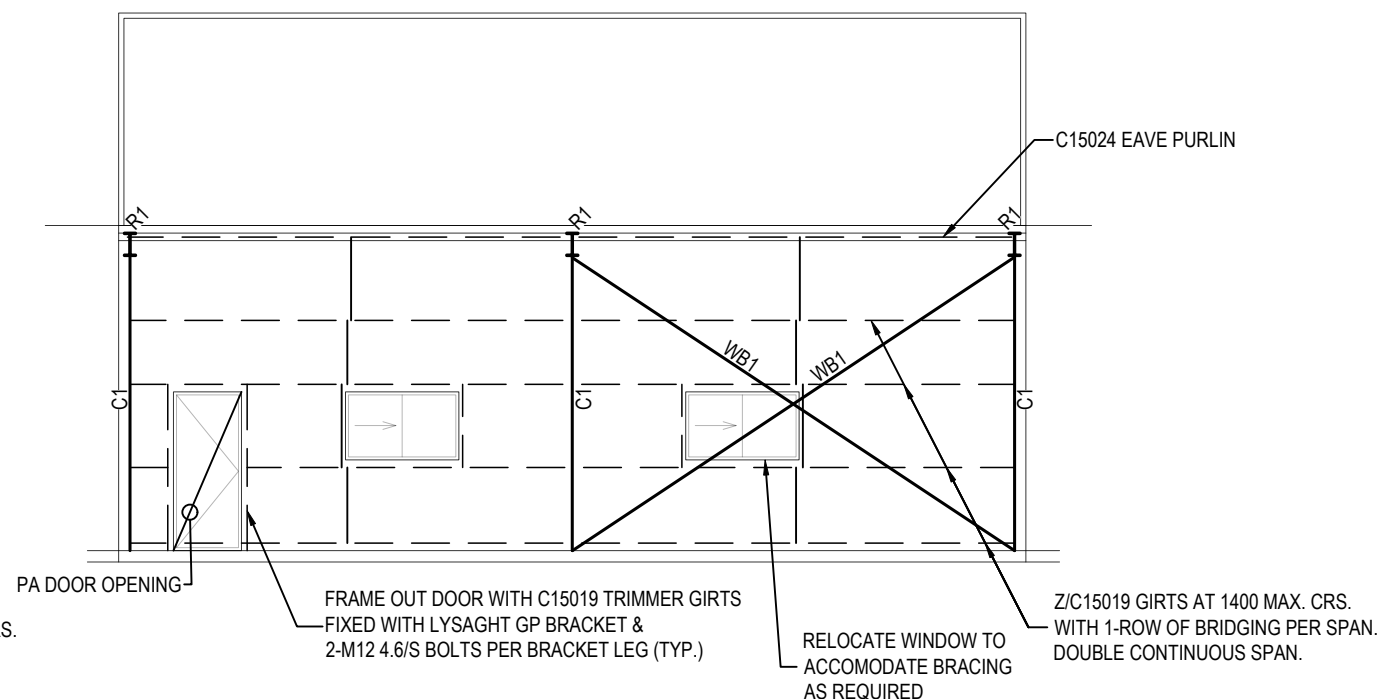
EASTERN STEELWORK ELEVATIONS PLAN

SCALE 1:100



WESTERN STEELWORK ELEVATIONS PLAN

SCALE 1:100



NORTHERN STEELWORK ELEVATIONS PLAN

SCALE 1:100

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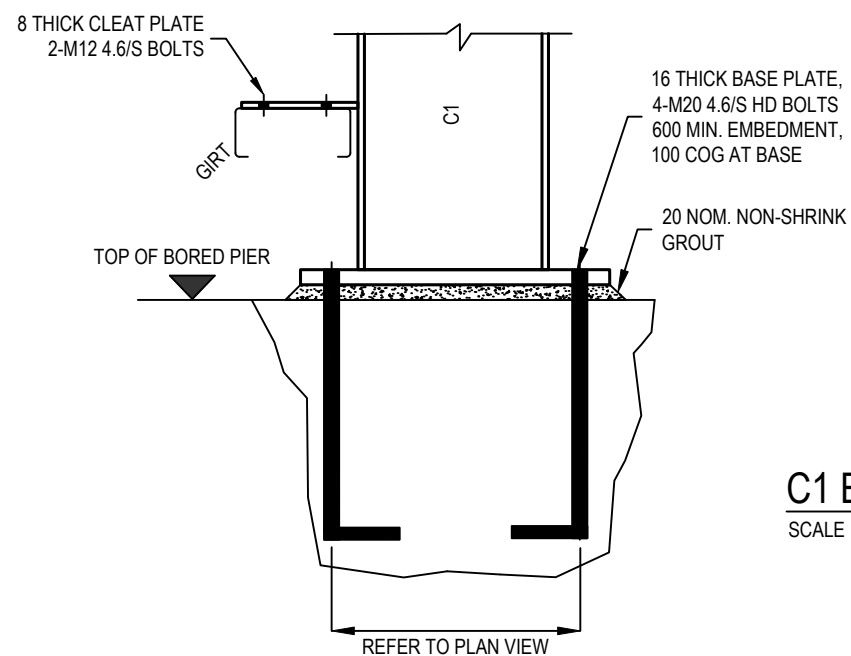
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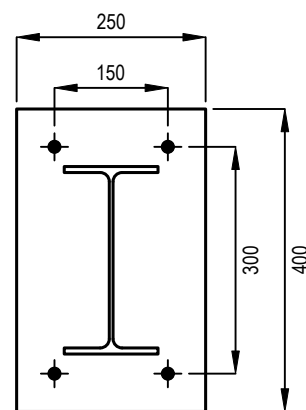
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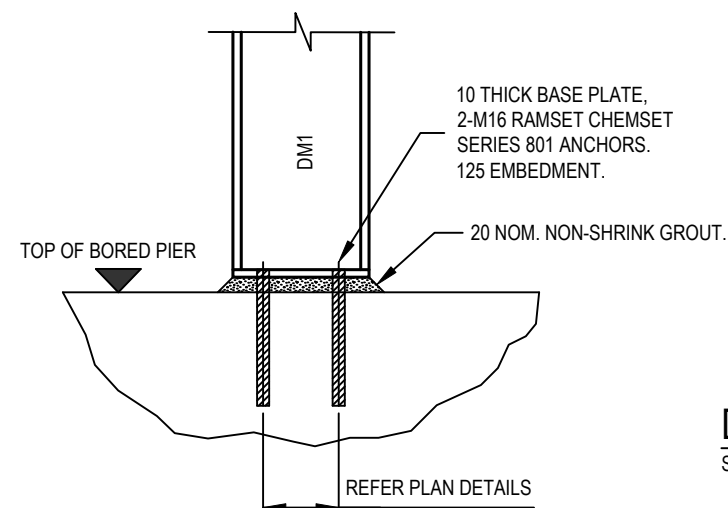
COLUMN (C1) BASE DETAIL

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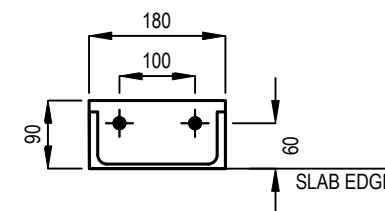
C1 BASE PLATE PLAN DETAIL

SCALE 1:10



TYPICAL DOOR MULLION (DM1) BASE DETAIL

SCALE 1:10



DM1 BASE PLATE PLAN DETAIL

SCALE 1:10

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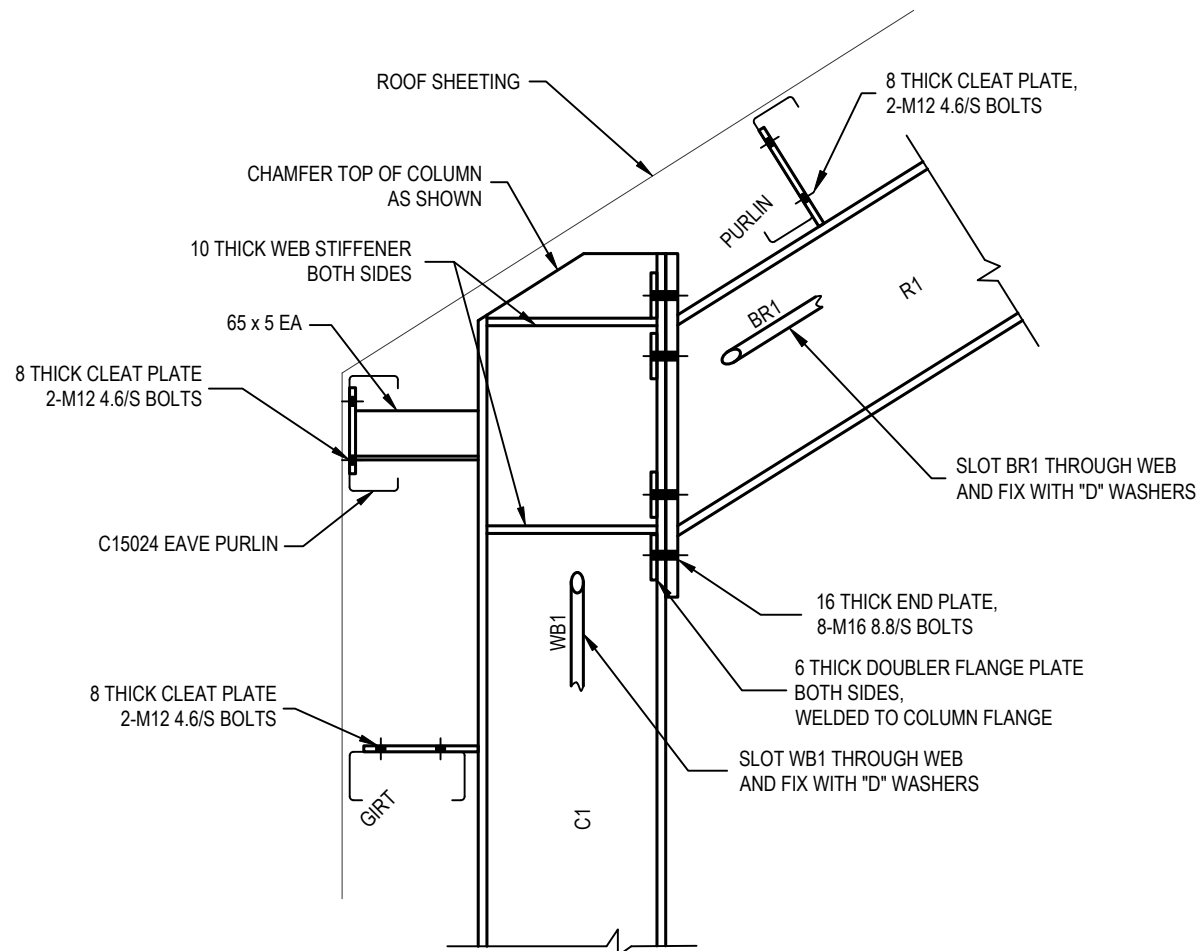
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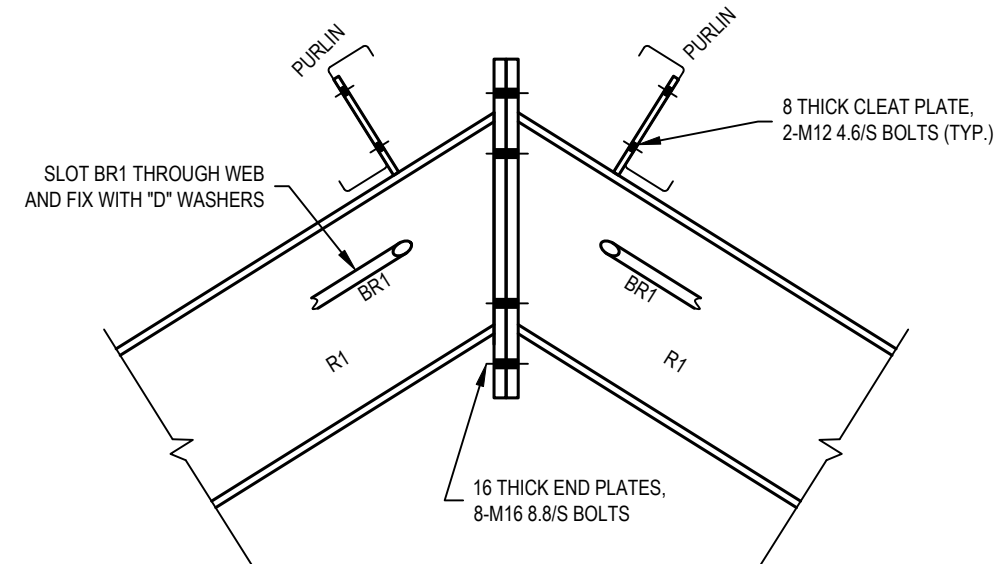
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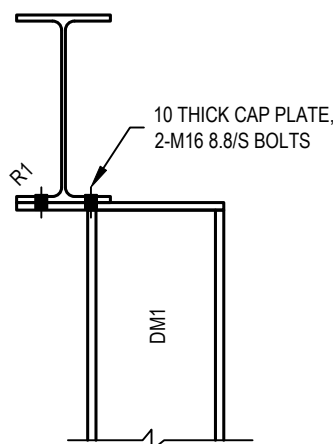
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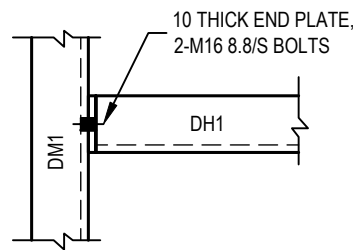
RAFTER (R1) TO COLUMN (C1) DETAIL
SCALE 1:10



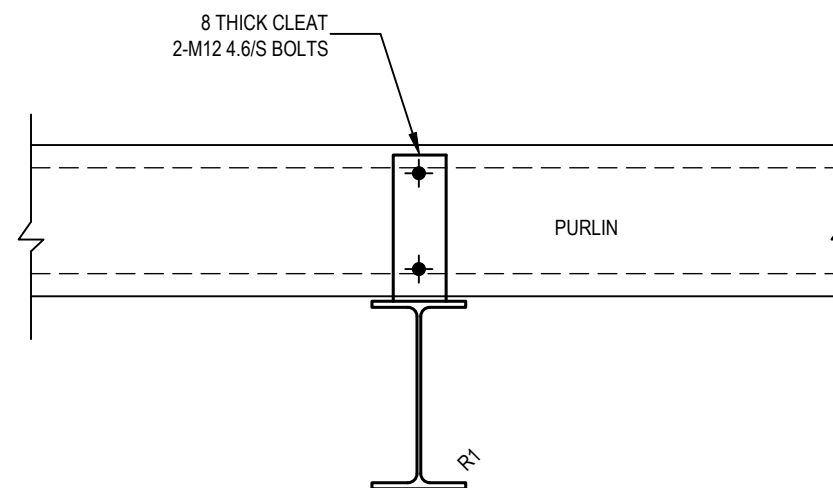
RAFTER (R1) RIDGE CONNECTION DETAIL
SCALE 1:10



DOOR MULLION (DM1) TO RAFTER (R1) DETAIL
SCALE 1:10



DOOR HEADER BEAM (DH1) TO DOOR MULLION (DM1) DETAIL
SCALE 1:10



TYPICAL PURLIN TO RAFTER (R1) DETAIL
SCALE 1:10

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DETAILS SHEET 2**

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