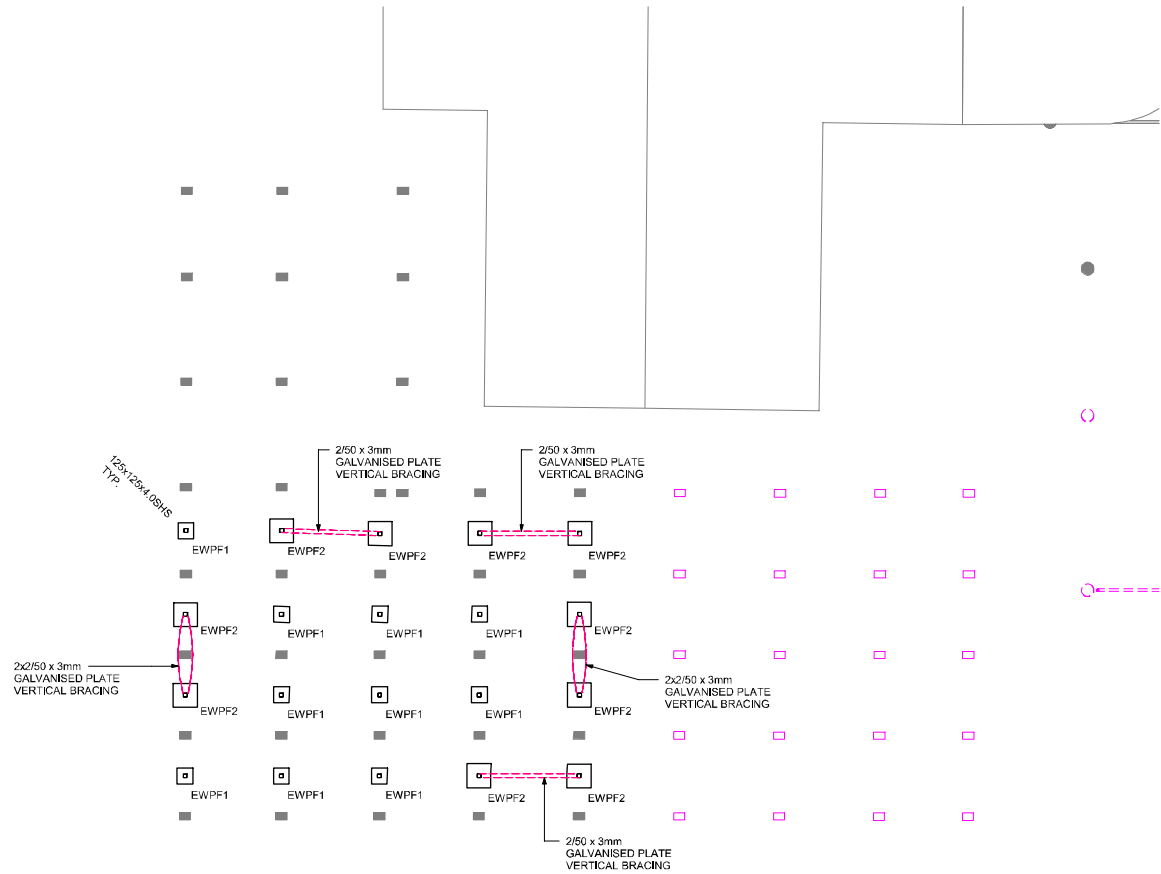
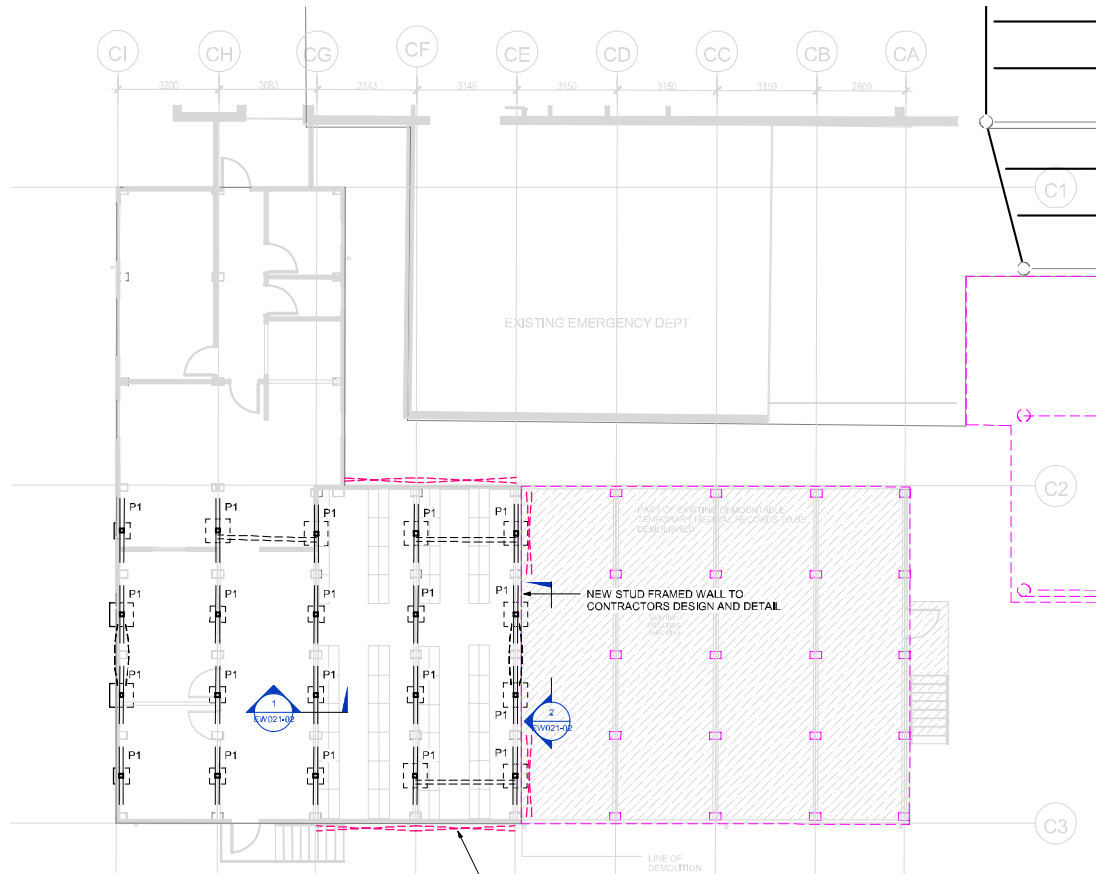




CID/ED DEMOUNTABLE FOUNDATIONS PLAN

SCALE: 1 : 100

EARLY WORKS PAD FOUNDATION SCHEDULE											
Foundation	Length (mm)	Width (mm)	Depth (mm)	Allowable Bearing Pressure (kPa)	'B1' Bottom Reinforcement	'B2' Bottom Reinforcement	'T1' Top Reinforcement	'T2' Top Reinforcement	Side Face Reinforcement	Concrete Strength f _{cu}	Count
EW/PF1	500	500	300	200	4N12-200	4N12-200	-	-	-	25	10
EW/PF2	750	750	750	200	5N12-200	5N12-200	5N12-200	5N12-200	N16-300 E.F.	25	10
EW/PF3	500	500	300	200	4 N16	4 N16	4 N16	4 N16	-	25	2



STRUCTURAL MODIFICATIONS PLAN

SCALE: 1 : 100

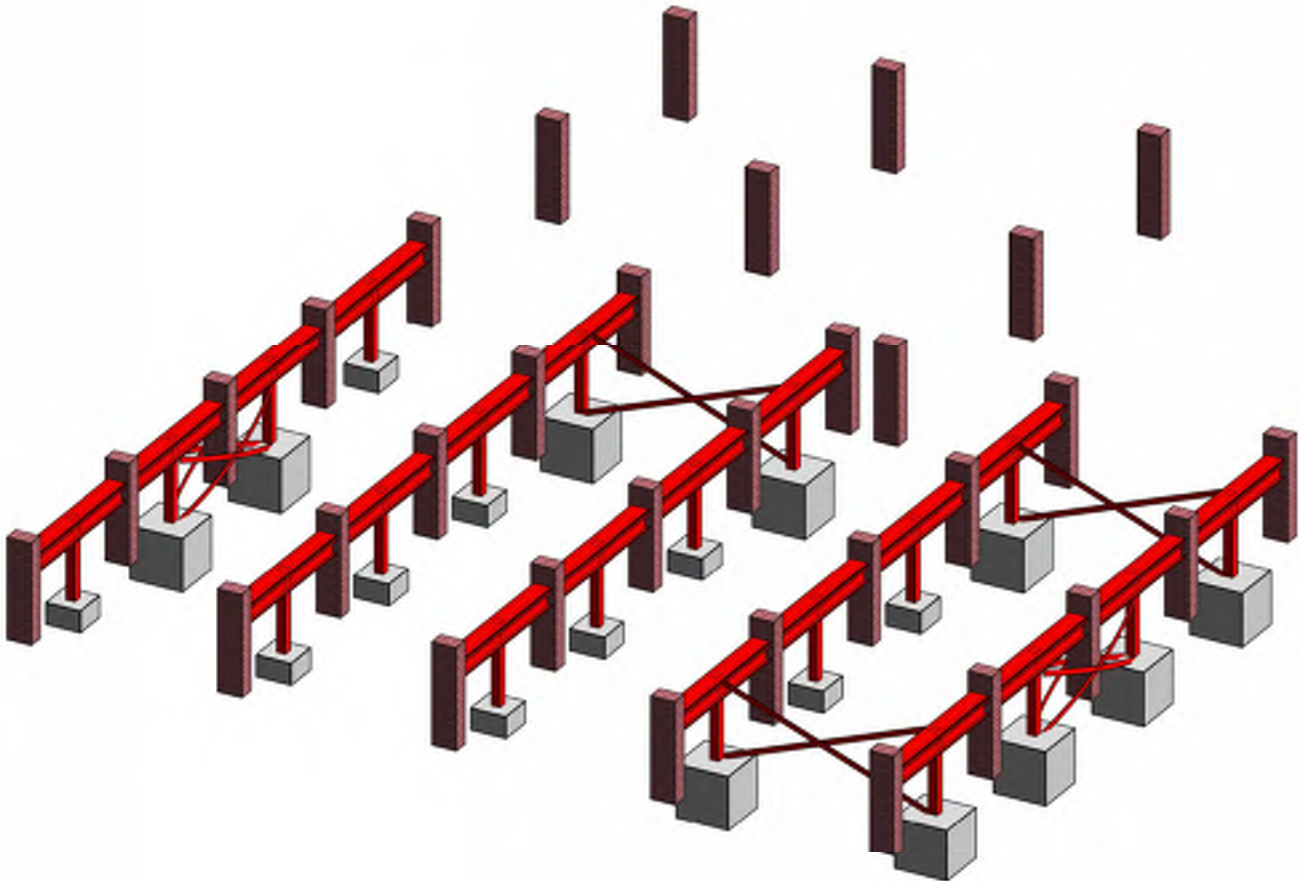
- LEGEND**
- P1 - DENOTES 2No. SC25024 PURLINS, REFER TO DRAWING EW021-02

- NOTE:**
- ALL STEEL POSTS TO BE 125x125x4.0 SHS TYPICALLY U.N.O.
 - PROVIDE 300mm LENGTH OF SC30030 SUPAPURLIN BETWEEN ALL EXISTING JOISTS AND SC25024 SUPAPURLINS TYPICALLY U.N.O. REFER TO TYPICAL DETAIL ON DRAWING 130443-ENS-ST-DWG-EW021-02.
 - THE CONTRACTOR TO ALLOW TO UNDERTAKE DETAILED SURVEY OF EXISTING STRUCTURE (INCLUDING EXISTING BRICK PIERS AND EXISTING WALLS), FINAL CONFIRMATION OF STRENGTHENING WORKS TO BE CONFIRMED BY THE ENGINEER UPON RECEIPT OF SURVEY AND CONFIRMATION OF EXISTING STRUCTURE BY DETAILED SITE INVESTIGATIONS

DRAWINGS TO BE READ IN CONJUNCTION WITH THIS DRAWING:

- 130443-ENS-ST-DWG-EW021-02 - EW CID MODIFICATIONS Sheet 2
- 130443-ENS-ST-DWG-EW001-01 - EW GENERAL NOTES

- TYPICAL NOTES:**
- ALL FOUNDATIONS TO BE FOUNDED ON MATERIAL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 200kPa TO BE CONFIRMED BY A GEOTECHNICAL ENGINEER. MASS CONCRETE FILL AS REQUIRED TO NOMINATED BEARING MATERIAL.
 - ALL STRUCTURAL STEELWORK TO HAVE REQUIRED CORROSION PROTECTION IN ACCORDANCE WITH AS/NZ S2312.1, AS/NZ S2312.2 AND STRUCTURAL SPECIFICATIONS.
 - ALL STRUCTURAL STEELWORK TO BE FIRE RATED TO ACHIEVE THE FIRE RESISTANCE LEVELS NOMINATED ON THE ARCHITECTURAL AND / OR FIRE ENGINEER'S DOCUMENTATION (MINIMUM 120 MINUTES AT A CRITICAL STEEL TEMPERATURE OF 550°C TYPICALLY U.N.O.)
 - PROVIDE A LAYER OF SEPARATION BETWEEN ALL DISSIMILAR METALS TYPICALLY TO PREVENT BI-METALLIC CORROSION TYPICALLY.



AMENDMENTS			
NO.	DATE	SUBJECT	BY
1	20.10.17	ISSUE FOR TENDER	EN
2	21.11.17	ISSUE FOR CONSTRUCTION	EN
3	22.01.18	CONSTRUCTION ISSUE	EN

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TSA MANAGEMENT

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DRAWING NUMBER
130443-ENS-ST-DWG-EW021-01

DRAWING NAME
EW CID MODIFICATIONS Sheet 1

REV

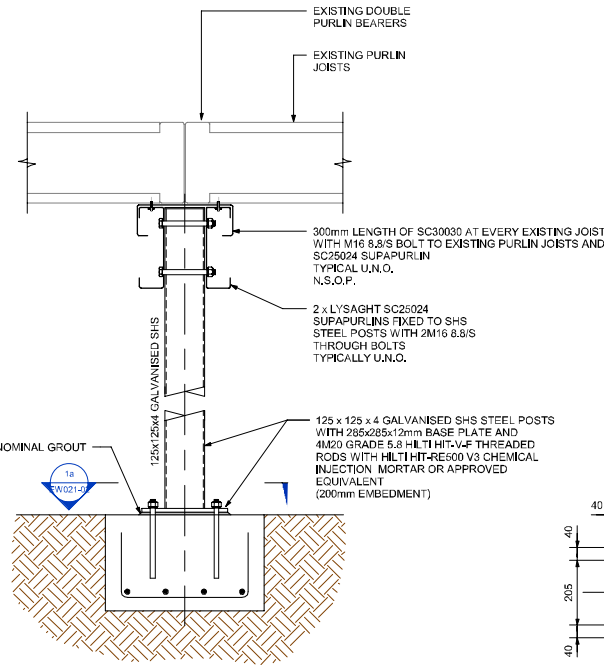


0m 2m 4m 6m 8m 10m
SCALE 1:100 @ B1

A

ISSUE DATE

22.01.17

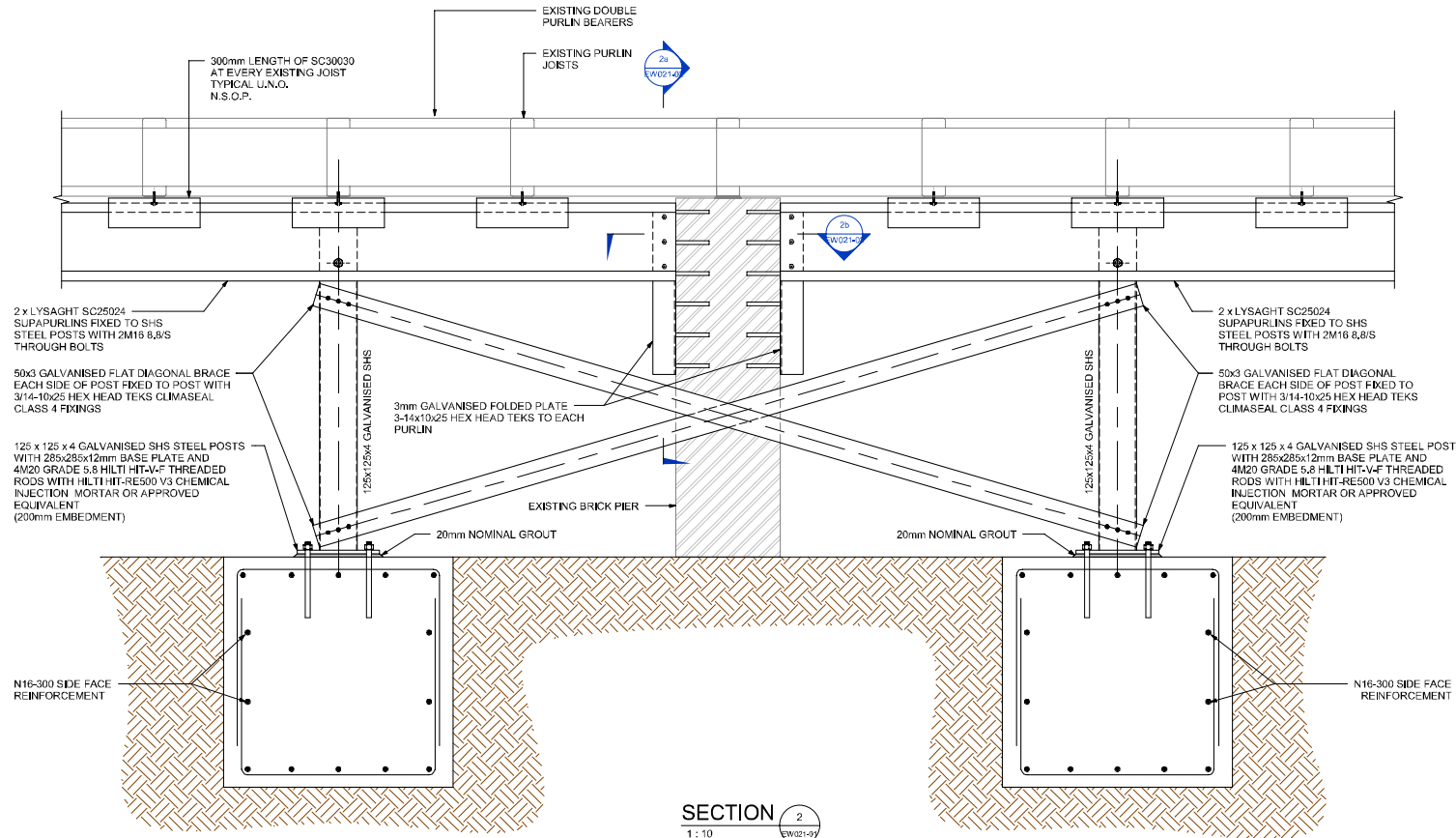


TYPICAL SHS STEEL POST DETAIL

SECTION 1
1:10 EW021-01

TYPICAL 125x125x4.0 SHS STEEL COLUMN BASE PLATE DETAIL

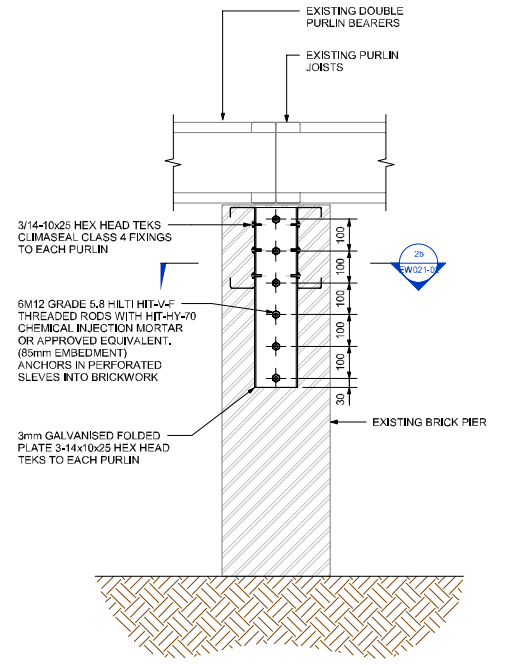
SECTION 1a
1:10 EW021-01



DOUBLE DIAGONAL TENSIONED METAL STRAP BRACE DETAIL

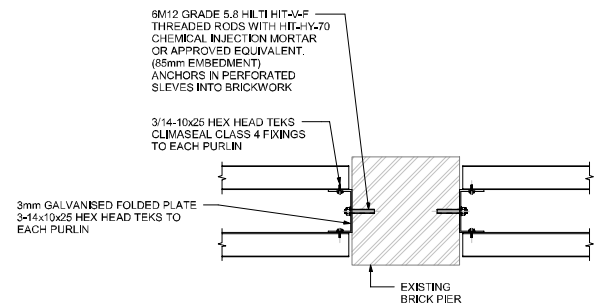
SCALE 1:20

- METAL STRAP BRACING IN ACCORDANCE WITH TABLE 6.18(c) OF AS 1584.2
- ULTIMATE BRACING CAPACITY 3kN/m
- REFER TO PLAN FOR LOCATION OF BRACING



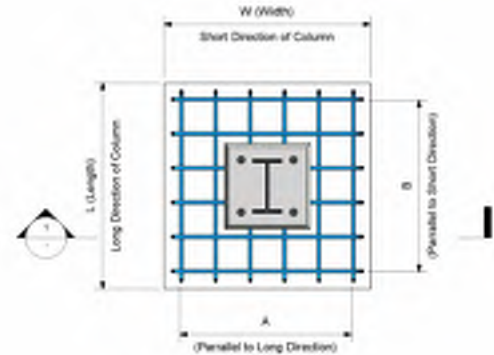
TYPICAL SC25024 SUPAPURLIN TO EXISTING BRICK PIER CONNECTION DETAIL

SECTION 2a
1:10 EW021-02



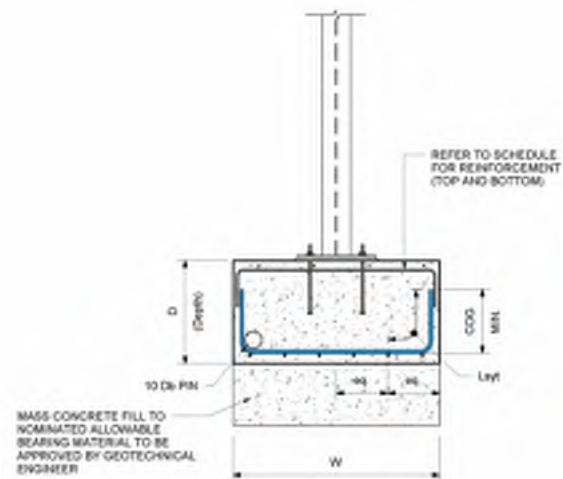
TYPICAL SC25024 SUPAPURLIN TO EXISTING BRICK PIER CONNECTION DETAIL

SECTION 2b
1:10 EW021-02



PLAN

SECTION 1



SECTION 1

EARLY WORKS PAD FOUNDATION SCHEDULE

Foundation	Length (mm)	Width (mm)	Depth (mm)	Allowable Bearing Pressure (kPa)	'B1' Bottom Reinforcement	'B2' Bottom Reinforcement	'T1' Top Reinforcement	'T2' Top Reinforcement	Side Face Reinforcement	Concrete Strength f _{cu}	Count
EWPF1	500	500	300	200	4N12-200	4N12-200	-	-	-	25	10
EWPF2	750	750	750	200	5N12-200	5N12-200	5N12-200	5N12-200	N16-300 E.F.	25	10
EWPF3	500	500	300	200	4 N16	4 N16	4 N16	4 N16	-	25	2

AMENDMENTS	DATE	BY	SUBJECT	NO
1	21/10/20	ENSTRUC	ENSTRUC	1
2	21/10/20	ENSTRUC	ENSTRUC	2
3	21/10/20	ENSTRUC	ENSTRUC	3

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DRAWING NUMBER

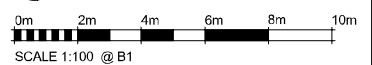
130443-ENS-ST-DWG-EW021-02

DRAWING NAME

EW CID MODIFICATIONS Sheet 2

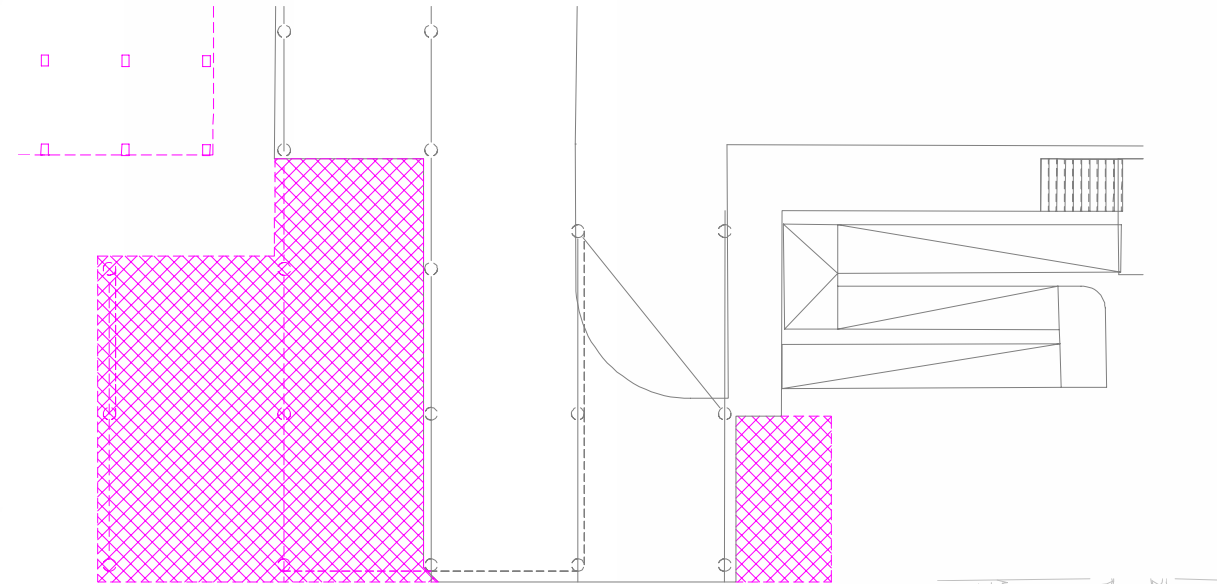
REV

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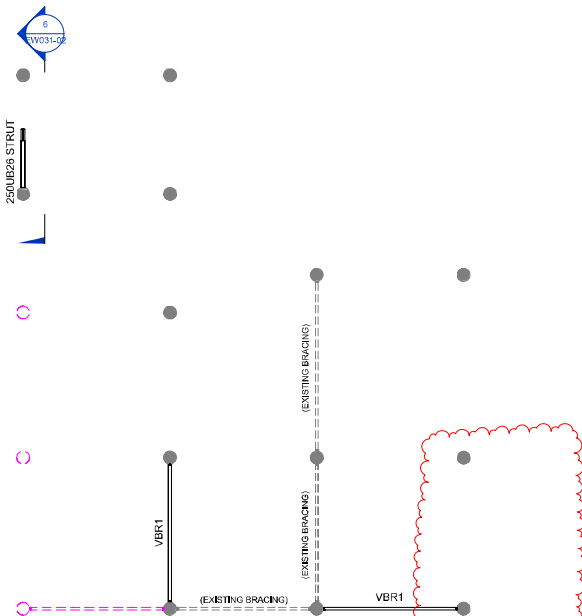
ISSUE DATE

22.01.17



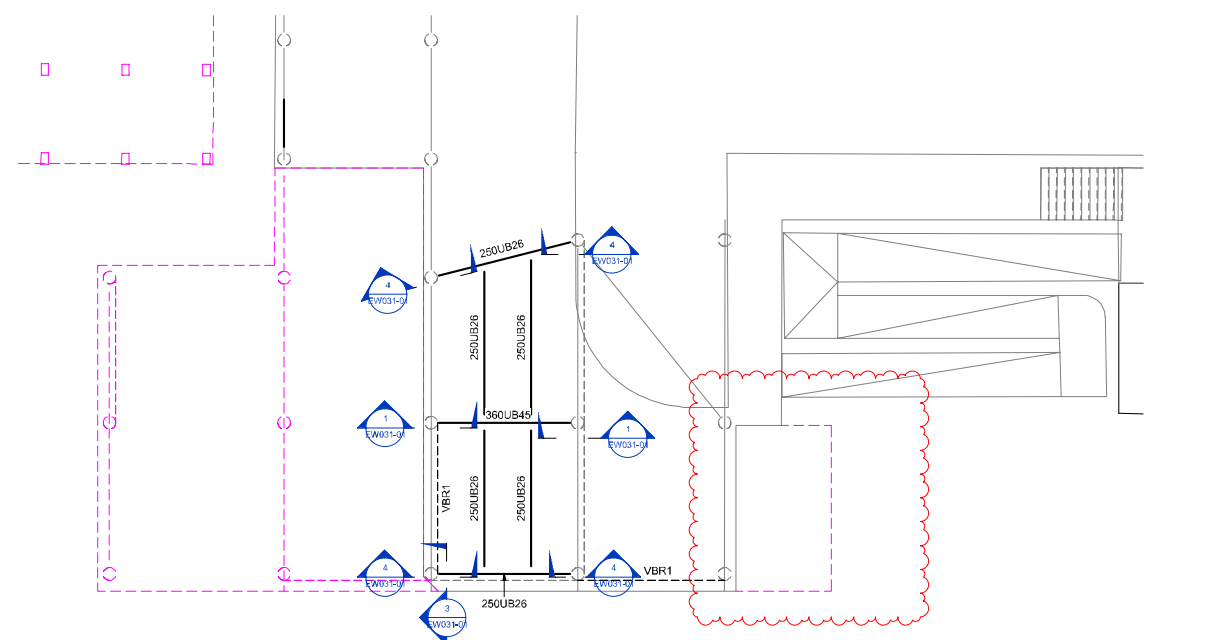
AMBULANCE RAMP/DROP OFF PLATFORM DEMOLITION PLAN

SCALE: 1:100



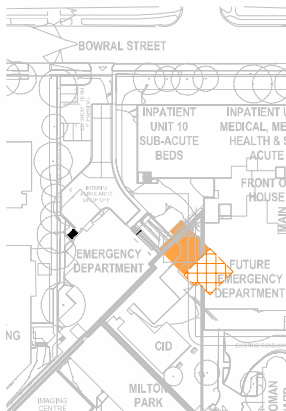
AMBULANCE RAMP/DROP OFF GROUND LEVEL

SCALE: 1:100



AMBULANCE RAMP/DROP OFF PLATFORM LEVEL

SCALE: 1:100



KEY PLAN

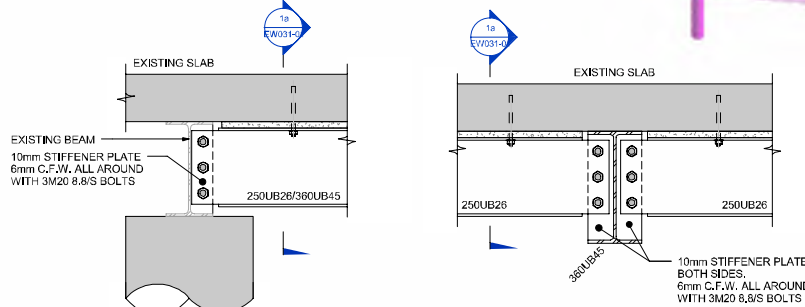
SCALE: 1:1000

NOTES:

- THE CONTRACTOR TO ALLOW TO UNDERTAKE DETAILED SURVEY OF EXISTING STRUCTURE. FINAL CONFIRMATION OF STRENGTHENING WORKS TO BE CONFIRMED BY THE ENGINEER UPON RECEIPT OF SURVEY
- SLAB TO BE 140mm THICK BONDEK 1.0mm OR APPROVED EQUIVALENT U.N.O.
- PROVIDE 19mm Dia. x 100mm HIGH SHEAR STUDS AT 200mm cts. TO ALL BEAMS U.N.O
- PROVIDE SL82 MESH TOP THROUGHOUT
- PROVIDE N12-400 U BARS LAID FLAT TO ALL EDGES
- PROVIDE R20-400 GALVANISED DOWELS 600mm LONG TO EXISTING SLABS TYPICAL
- REFER TO DRAWING EW-011-02 FOR TYPICAL DETAILS AND ADDITIONAL REINFORCEMENT REQUIREMENTS
- VBR1 DENOTES 88.9 x 3.2 CHS VERTICAL BRACING. REFER TO EW-011-03 FOR DETAILS
- DENOTES BONDEK SPAN DIRECTION
- ALL STRENGTHENING STEELWORK AND ASSOCIATED WORKS TO BE FULLY INSTALLED AND COMPLETED PRIOR TO DEMOLITION OF NOMINATED AREAS OF EXISTING AMBULANCE BAY PLATFORM. ALL STRENGTHENING STEELWORK AND ASSOCIATED WORKS TO BE INSPECTED AND APPROVED BY ENGINEER PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORKS.
- ALL EXPOSED SLAB REINFORCEMENT BARS WILL NEED TO BE BACK 40mm AND HOLES FILLED WITH EPOXY TO ENSURE THAT CORROSION PROTECTION OF THE REINFORCEMENT BARS IS MAINTAINED TYPICALLY UNLESS NOTED OTHERWISE.

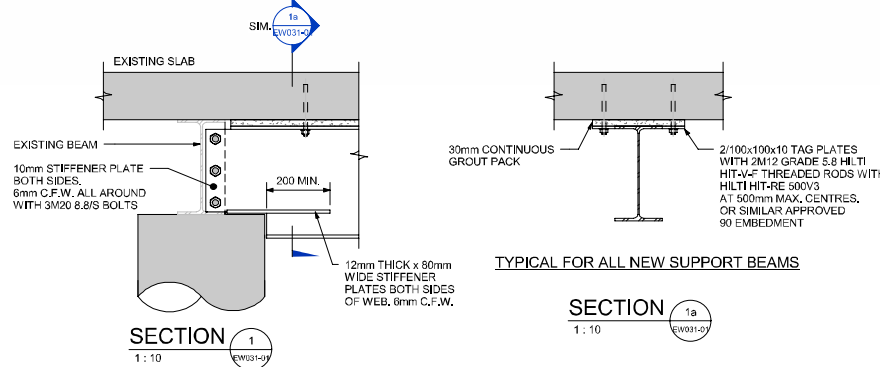
STEELWORK NOTES:

- ALL STRUCTURAL STEELWORK TO HAVE REQUIRED CORROSION PROTECTION IN ACCORDANCE WITH AS/NZS S2312.1, AS/NZS S2312.2 AND STRUCTURAL SPECIFICATIONS.
- ALL STRUCTURAL STEELWORK TO BE FIRE RATED TO ACHIEVE THE FIRE RESISTANCE LEVELS NOMINATED ON THE ARCHITECTURAL AND / OR FIRE ENGINEERS DOCUMENTATION (MINIMUM 120 MINUTES AT A CRITICAL STEEL TEMPERATURE OF 550°C TYPICALLY U.N.O.)
- PROVIDE A LAYER OF SEPARATION BETWEEN ALL DISSIMILAR METALS TYPICALLY TO PREVENT BI-METALLIC CORROSION TYPICALLY.



TYPICAL CONNECTION DETAIL BETWEEN 250UB26 AND 360UB45

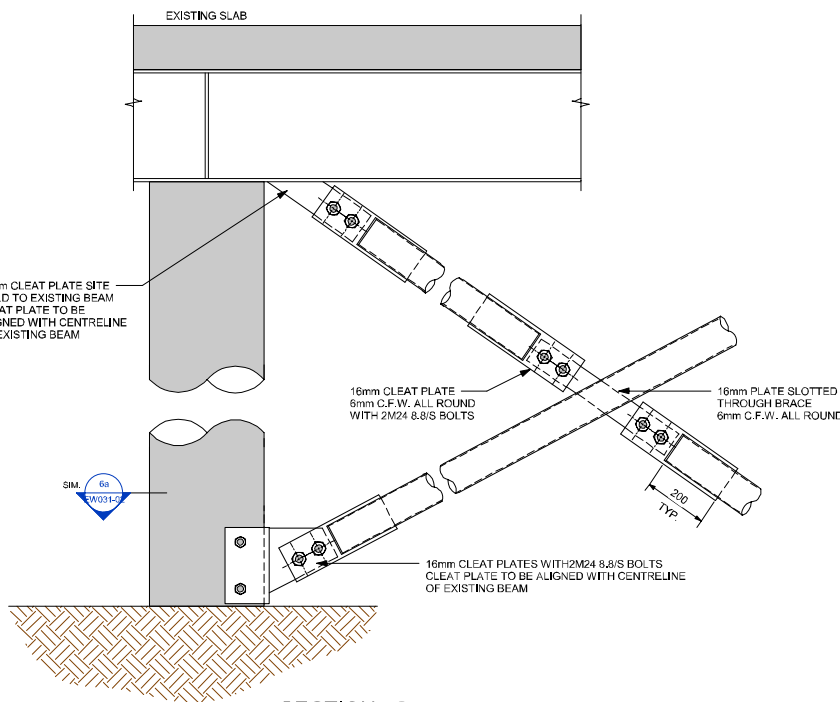
SCALE: 1:10



TYPICAL FOR ALL NEW SUPPORT BEAMS

SECTION 1a

SCALE: 1:10



SECTION 3

SCALE: 1:10

AMENDMENTS	REV	DATE	SUBJECT
1	01/01/20	01/01/20	ISSUE
2	01/01/20	01/01/20	CONSTRUCTION
3	01/01/20	01/01/20	CONSTRUCTION
4	01/01/20	01/01/20	CONSTRUCTION
5	01/01/20	01/01/20	CONSTRUCTION
6	01/01/20	01/01/20	CONSTRUCTION
7	01/01/20	01/01/20	CONSTRUCTION
8	01/01/20	01/01/20	CONSTRUCTION
9	01/01/20	01/01/20	CONSTRUCTION
10	01/01/20	01/01/20	CONSTRUCTION

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DRAWING NUMBER

130443-ENS-ST-DWG-EW031-01

DRAWING NAME

EXISTING AMBULANCE DRIVEWAY/RAMP/PLATFORM
ALTERATIONS SHEET 1

REV

C



ISSUE DATE

24.04.18

