



MSSJ ENGINEERING DRAFTING

MILTON SILVA

ENGINEERING DRAFTING SPECIALIST

DELIVERING ACCURATE, COST-EFFICIENT DRAFTING AND CONSTRUCTION DOCUMENTATION

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Profile & Experience

Engineering Drafting Specialist based in NSW, providing reliable civil and structural drafting services for residential, commercial, and industrial projects.

Offers support across documentation, material take-offs, and tender preparation, ensuring practical solutions tailored to project scope and client needs.

Able to interpret and apply specific local council guidelines to ensure accurate and compliant drafting documentation.

Key Skills

- AutoCAD & MicroStation
- Civil & Structural Drafting
- Construction Documentation
- Project Planning & Cost Estimation
- Material Take-Offs
- Tender Support
- Collaboration with Engineers, Architects & Builders



Sample Projects

1 – Structural Drawings

Detailed structural drafting for residential projects

2 – Civil Drawings

Civil drafting for residential and subdivision projects

3 – Other Projects

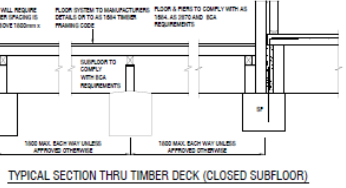
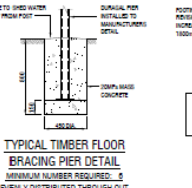
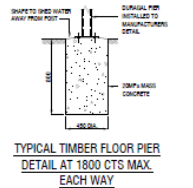
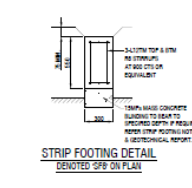
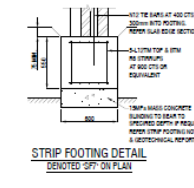
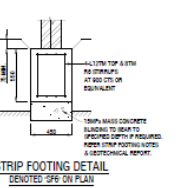
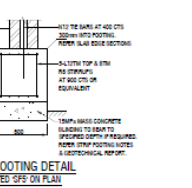
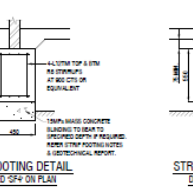
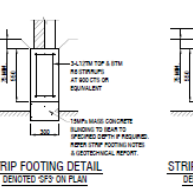
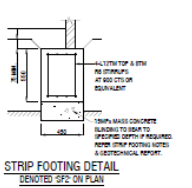
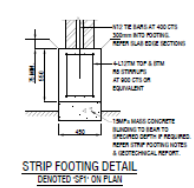
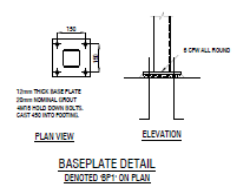
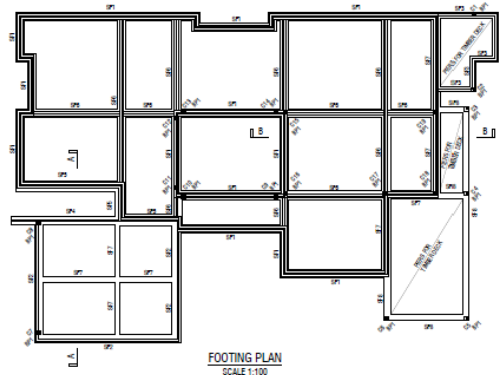
Compilation of diverse steel structure drawings across offshore, naval, and industrial applications, including shop drawings and detailed fabrication documentation supporting construction and fabrication



1 – Structural drawings Footing Plan & Details

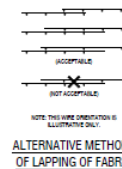
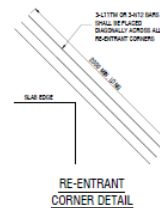
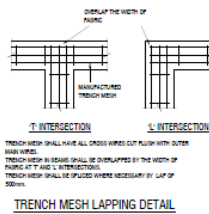
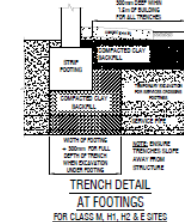
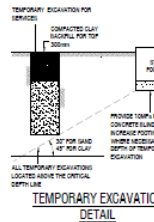
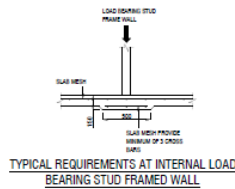
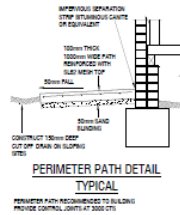
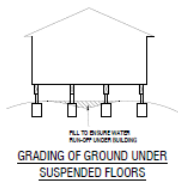
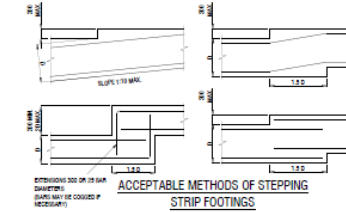
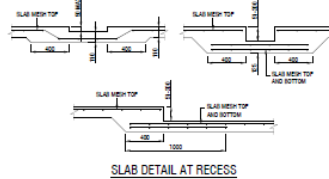
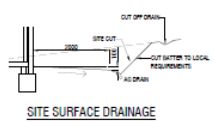
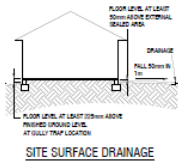
STRIP FOOTING NOTES

1. ALL STRIP FOOTINGS ARE TO BE FINISHED ON EXISTING FINISHED FLOORING. FINISHING DEPTH IS TO BE 150mm MINIMUM UNLESS OTHERWISE SPECIFIED. REFER TO FOUNDATION DRAWINGS FOR FINISHING DEPTH. FINISHING DEPTH IS TO BE 150mm MINIMUM UNLESS OTHERWISE SPECIFIED.
2. ALL STRIP FOOTINGS ARE TO BE CONCRETE FINISHED UNLESS OTHERWISE SPECIFIED. REFER TO FOUNDATION DRAWINGS FOR FINISHING DEPTH.
3. ALL STRIP FOOTINGS SHALL BE FINISHED WITH A FINISHING DEPTH OF 150mm MINIMUM UNLESS OTHERWISE SPECIFIED. REFER TO FOUNDATION DRAWINGS FOR FINISHING DEPTH.
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9. FINISHING DEPTH IS TO BE 150mm MINIMUM UNLESS OTHERWISE SPECIFIED. REFER TO FOUNDATION DRAWINGS FOR FINISHING DEPTH.
10. FINISHING DEPTH IS TO BE 150mm MINIMUM UNLESS OTHERWISE SPECIFIED. REFER TO FOUNDATION DRAWINGS FOR FINISHING DEPTH.



1 – Structural drawings

General & Reinforcement Details



1 – Structural drawings

Steel Work Marking Plan & Details (Sheet 1 of 2)

STRUCTURAL STEEL NOTES

1. ALL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AS/NZS 4600 UNLESS OTHERWISE SPECIFIED.
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ITEM	DESCRIPTION
1	STEEL WORK MARKING PLAN
2	SECTION C-C
3	SECTION E-E
4	SECTION D-D
5	SECTION F-F
6	PFC BEAM TIE DOWN TO TRIPLE STUDS

11. FACTOR OF SAFETY AS FOLLOWS:
 - 1.1.1. STEEL: 1.25
 - 1.1.2. WELDS: 1.25
 - 1.1.3. BOLTS: 1.25
 - 1.1.4. BRACKETS: 1.25
 - 1.1.5. CONNECTIONS: 1.25
 - 1.1.6. FOUNDATIONS: 1.25
 - 1.1.7. FOUNDATIONS: 1.25
 - 1.1.8. FOUNDATIONS: 1.25
 - 1.1.9. FOUNDATIONS: 1.25
 - 1.1.10. FOUNDATIONS: 1.25

12. GALVANISING:
 - 12.1. ALL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AS/NZS 4600 UNLESS OTHERWISE SPECIFIED.
 - 12.2. ALL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AS/NZS 4600 UNLESS OTHERWISE SPECIFIED.
 - 12.3. ALL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AS/NZS 4600 UNLESS OTHERWISE SPECIFIED.
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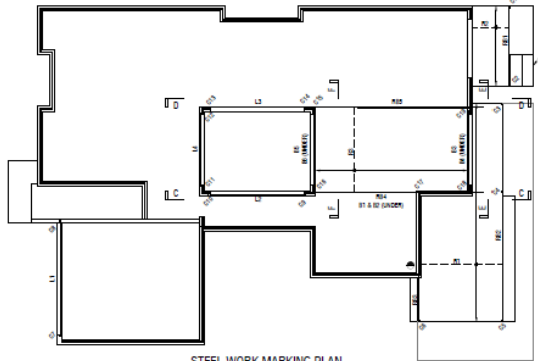
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 - 13.10. ALL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AS/NZS 4600 UNLESS OTHERWISE SPECIFIED.

MEMBER	MARK	SIZE	REMARKS
COLUMN	C1 - C16	300 x 300 SHS	-
ROOF BEAM	RB1 - RB3	150 PFC	-
RAFTER	R1	175 x 40 E3 LVL	-
	R2	90 x 40 E3 LVL	OPTIONAL
	R3	150 x 40 E3 LVL	-
LINTEL	L1	150 PFC - 150 x 60 x 6 GA	-
	L2 - L4	150 PFC - 150 x 60 x 6 GA	-
BEAM	B1 - B8	150 PFC	-

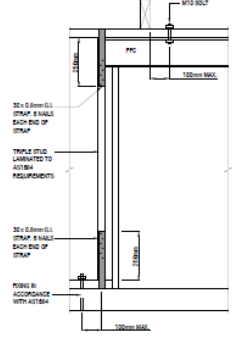
• DENOTES TRIPLE STUDS UNDER

GALVANISING

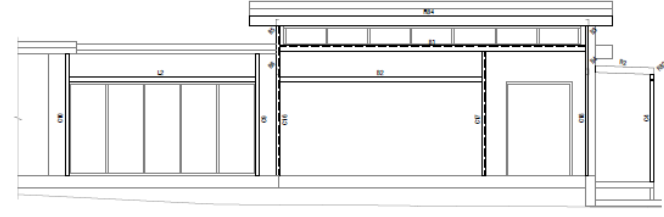
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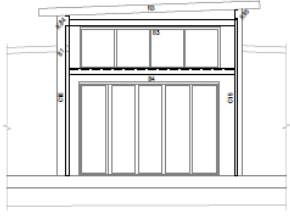
STEEL WORK MARKING PLAN
SCALE 1:100



PFC BEAM TIE DOWN TO TRIPLE STUDS
UPLIFT CAPACITY: 8 kN
NOTE: THE TOP PLATE SHALL EXTEND UP TO THE LINTEL, WITHIN 100mm OF EACH RAFTER/TRUSS OR THE RAFTER/TRUSS PILED DIRECTLY TO THE LINTEL, WITH A RIGID UP BEHAVIOUR TO COMPLY WITH THE REQUIRED FOR THE RAFTER/TRUSS



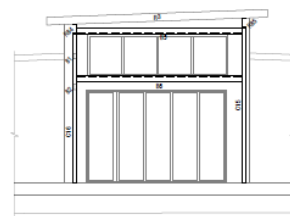
SECTION C-C
SCALE 1:50



SECTION E-E
SCALE 1:50



SECTION D-D
SCALE 1:50

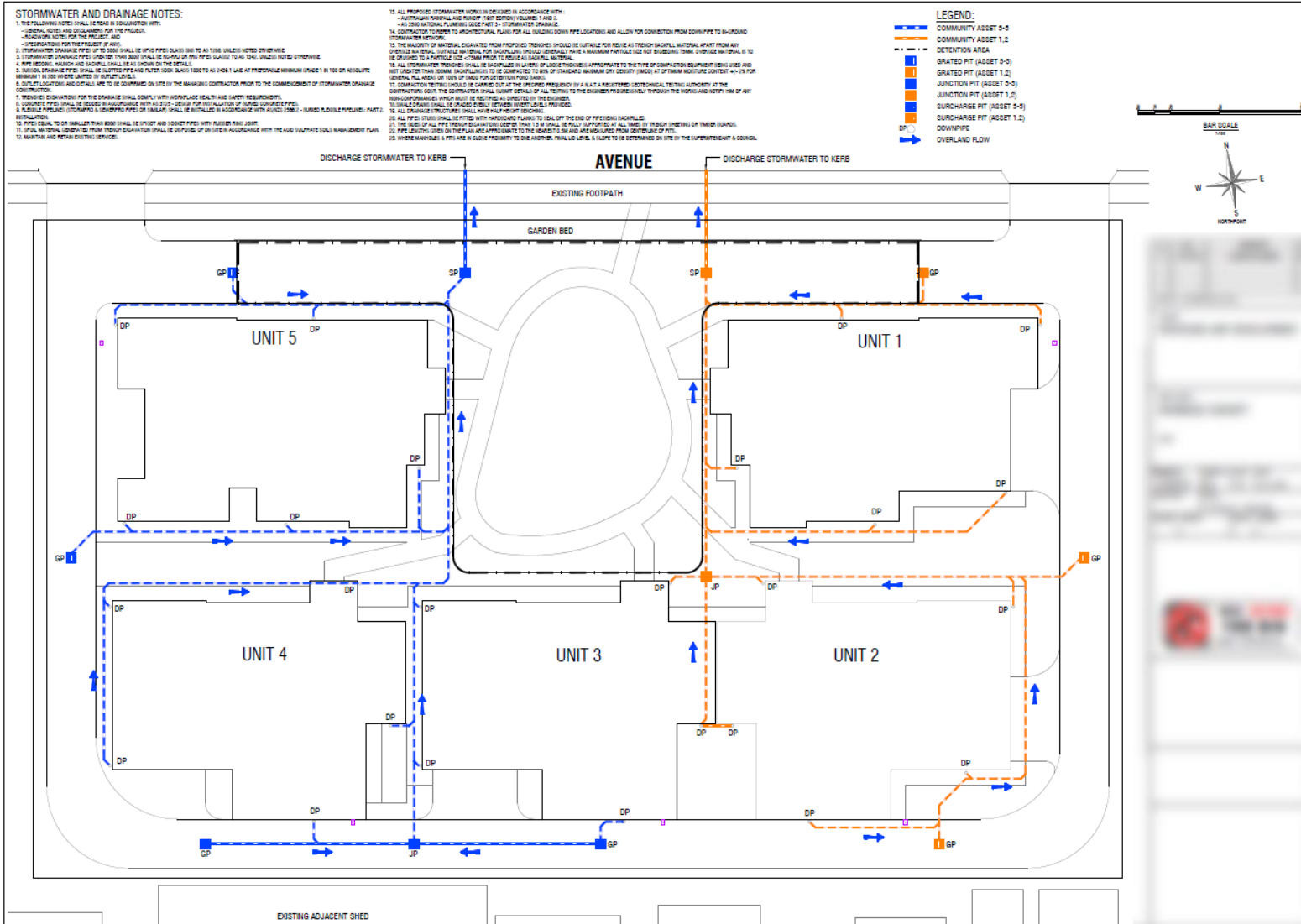


SECTION F-F
SCALE 1:50



1 – Structural drawings

Drainage















1 – Structural drawings Sewer

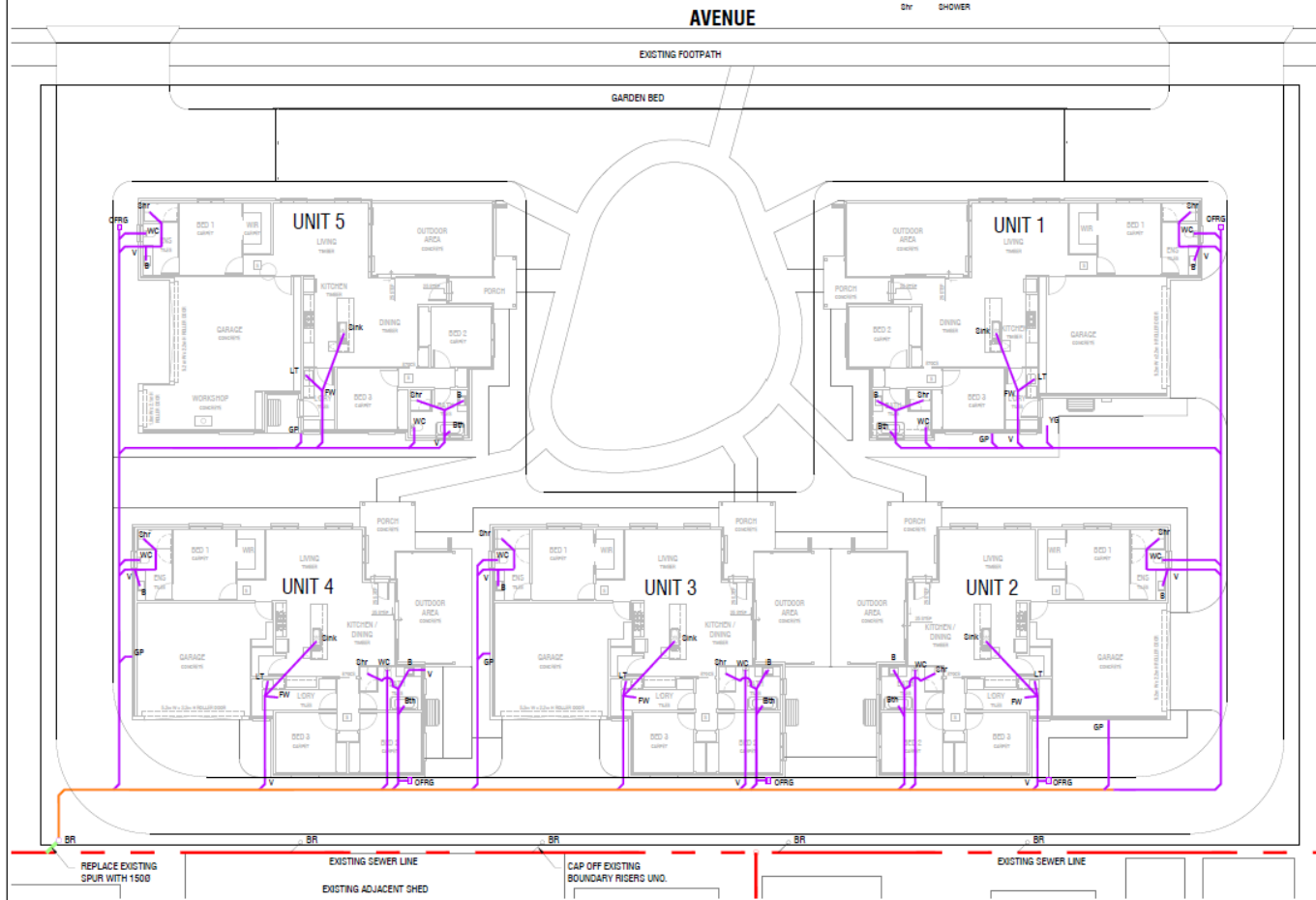
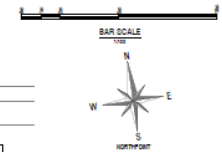
SEWER NOTES

1. THESE NOTES ARE TO BE READ IN CONJUNCTION WITH THE GENERAL NOTES, CONTRACT DOCUMENTS, AND PLOT DETAILS. ANY DISCREPANCIES SHOULD BE REFERRED TO THE ENGINEER.
2. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH 438393.
3. ALL APPROVALS FOR SEWER WORK ARE TO BE OBTAINED FROM THE RELEVANT AUTHORITIES PRIOR TO THE COMMENCEMENT OF WORKS.
4. THE CONTRACTOR IS RESPONSIBLE FOR ORGANISING INSPECTION THROUGH THE RELEVANT AUTHORITIES.
5. ALL WORK ON EXISTING SEWER INFRASTRUCTURE IS TO BE MADE GOOD PRIOR TO BACKFILLING.
6. TRENCHES EXCAVATED FOR THE DRAINAGE SHALL COMPLY WITH WORKPLACE HEALTH AND SAFETY REQUIREMENTS.
7. PIPE QUALITY ARE TO BE COMPLETED WITH THE RELEVANT LOCAL AUTHORITY.

- ### MAINTENANCE AND REPAIR DRAINING SERVICES
8. THE QUALITY OF MATERIALS EXCAVATED FROM PROPOSED TRENCHES SHOULD BE SUITABLE FOR REUSE AS TRENCH BACKFILL. MATERIAL TAKEN FROM ANY OVERSIZE MATERIAL (SUITABLE MATERIAL FOR BACKFILLING) SHOULD GENERALLY HAVE A MAXIMUM PARTICLE SIZE NOT EXCEEDING THIRTY SEVEN MILLIMETRES (37MM) PRIOR TO REUSE AS BACKFILL MATERIAL.
 9. TOTAL SEWER PROVISION SHALL BE BACKFILLED IN LAYERS OF THIRTY SEVEN MILLIMETRES APPROXIMATE TO THE TYPE OF CONSTRUCTION EQUIPMENT USED. LIME AND NOT GREASER THAN 10MM (BACKFILLING IS TO BE COMPACTED TO 95% OF STANDARD MAXIMUM DRY DENSITY (MDD) AT OPTIMUM MOISTURE CONTENT) +/- 2% FOR GENERAL FILL AREAS OR 100% OF MDD FOR SETTLEMENT POND SITES.
 10. PIPE LAYOUTS SHALL BE ON THE PLAIN AND APPROXIMATE TO THE HIGHEST 50MM AND ARE REQUIRED TO BE PROTECTED BY 150MM.
 11. WHERE MANHOLES & FITS ARE IN CLOSE PROXIMITY TO ONE ANOTHER, MIN. 150MM LEVEL & SLOPE TO BE DETERMINED ON SITE BY THE SUPERINTENDENT & COUNCIL.

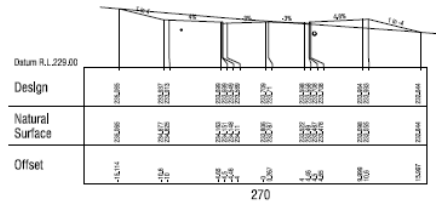
LEGEND:

- | | | | |
|---|--------------------------------|------|-------------------------|
|  | INTERNAL SEWER MAIN (Ø100 PVC) | BH | BATH |
|  | INTERNAL SEWER MAIN (Ø150 PVC) | SK | KITCHEN SINK |
|  | EXISTING SEWER MAIN | LT | LAUNDRY TUB |
|  | EXISTING SEWER SPUR TO REPLACE | OFRG | OVER FLOW RELEASE BULLY |
|  | NEW SEWER MANHOLE | GP | GRATED PIT FOR A/C |
|  | BASIN | YS | YARD SULLY |
|  | STACK | | |
|  | VENT | | |
|  | FLOOR WASTE | | |
|  | INSPECTION OPENING | | |
|  | TOILET | | |
|  | SHOWER | | |

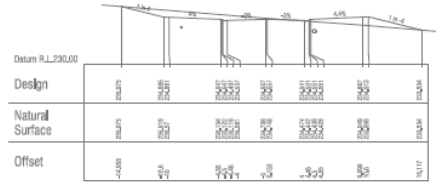


2 – Civil drawings

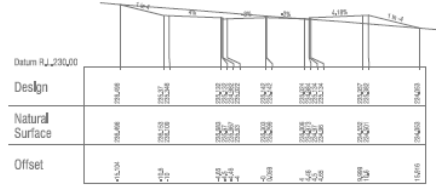
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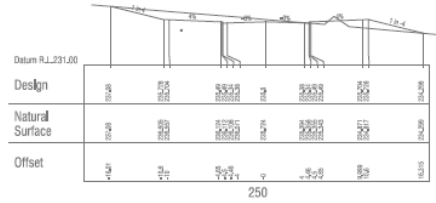
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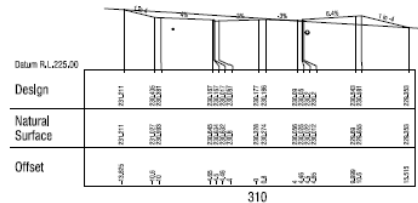
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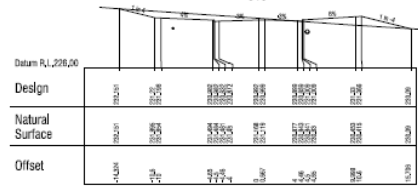
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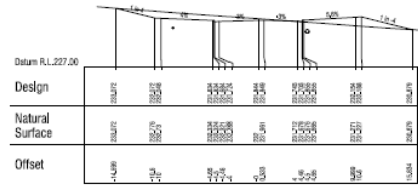
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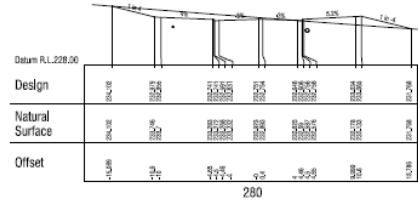
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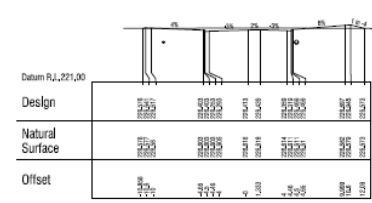
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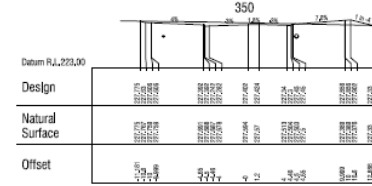
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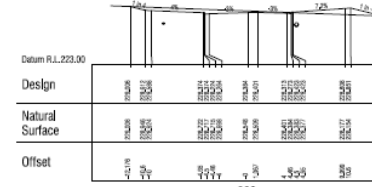
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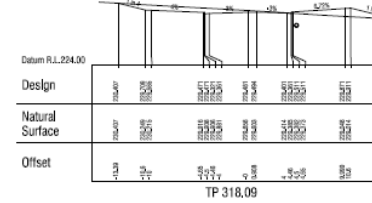
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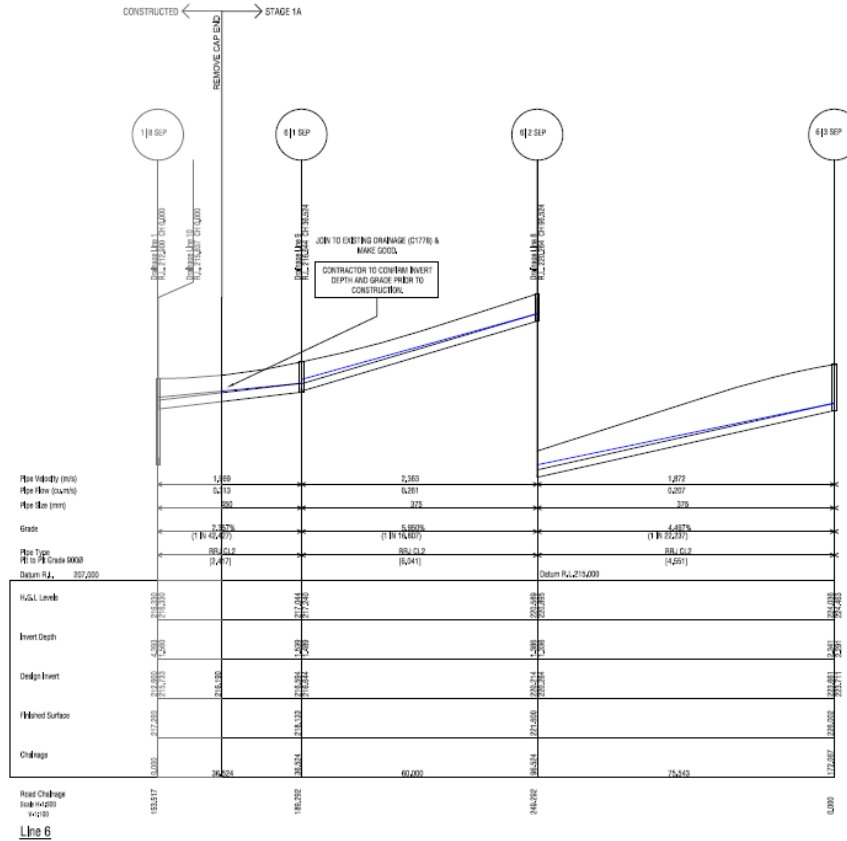
330



TP 318.09

2 – Civil drawings

Drainage Long Sections



2 – Civil drawings Overall Site Plan

GENERAL NOTES

1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE WORKING DRAWINGS, CONTRACT DOCUMENTS, SPECIFICATIONS, AND WITH SUBMITTAL DETAILS AND STRUCTURES WHICH MAY BE REFERRED TO BY DIMENSIONS TO BE REFERENCED TO THE ENGINEER.
2. ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE IN METERS UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE TO THE ADJACENT MEAN SEA LEVEL UNLESS NOTED OTHERWISE.
4. ALL DIMENSIONS SHOWN ARE TO BE CHECKED ON SITE BEFORE COMMENCING CONSTRUCTION. ENGINEER'S DRAWINGS MUST NOT BE SCALED.
5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING SERVICES WITH ALL RELEVANT SERVICE AUTHORITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. A COPY OF THE LOCATIONS OF THE EXISTING SERVICES IS TO BE PROVIDED TO THE MANAGING CONTRACTOR BY THE SERVICE PROVIDER AS APPROPRIATE.
6. THE CONTRACTOR SHALL VERIFY STREET LEVELS AND BENCHMARK LEVELS AND ADVISE THE PROJECT MANAGER OF ANY DISCREPANCY PRIOR TO COMMENCING CONSTRUCTION.
7. THE CONTRACTOR SHALL VERIFY THE EXISTING LEVELS WHERE NEW WORKS ARE TO JOIN EXISTING WORKS AND ADVISE THE PROJECT MANAGER OF ANY DISCREPANCY PRIOR TO COMMENCING CONSTRUCTION.
8. A CONTRACTOR TO CONVINCE EXISTING FOUNDATION METHODS, DETAILS, PITS AND ALIAS, PRIOR TO COMMENCING WORK.
9. IF EXISTING SITE CONDITIONS DIFFER FROM THE DESIGN PARAMETERS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. THE ENGINEER SHALL VERIFY AND APPROVE THE CORRECT PRIOR TO CONSTRUCTION.
10. ALL PROPOSED CIVIL WORKS ARE DESIGNED IN CONFORMANCE WITH THE AUTHORITY'S STANDARDS AS FOLLOWS:
 - 10.1 USE METHODS OF TESTING SOILS FOR FOUNDATION PURPOSES.
 - 10.2 THE SUBGRADE OR BATHING FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENT.
 - 10.3 AUTHORITY'S PAVEMENT DESIGN FOR LIGHT TRAFFIC - A SUPPLEMENT TO AUTHORITY'S PAVEMENT DESIGN GUIDE.
 - 10.4 USE 3000 TYPICAL FACILITIES - OF STREET PARKING.
 - 10.5 THE PAVEMENT TO BE DESIGNED OF STRENGTH TRAFFIC CONTROL DEVICES.
 - 10.6 3000 CONCRETE STRUCTURES.
 - 10.7 USE DESIGN FOR ACCESS AND MOBILITY.

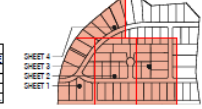
CONSTRUCTION TRAFFIC NOTES

1. ALL CONSTRUCTION TRAFFIC IS TO ENTER AND EXIT VIA THE PROPOSED INTERSECTION INTO THE SITE.
2. APPROPRIATE AND APPROVED TRAFFIC CONTROL PLANS FOR ARE TO BE INSTALLED, MAINTAINED AND MONITORED THROUGHOUT THE CONSTRUCTION PERIOD.
3. ROADWAY PAVEMENT STRIP IS TO BE INSTALLED AT ENTRANCE TO SITE AS PER DETAILS LISTED IN THIS CONSTRUCTION SET.
4. THESE NOTES SHALL BE READ IN CONJUNCTION WITH ALL OTHER NOTES AND PLANS LISTED WITHIN THIS CONSTRUCTION SET.
5. CONTRACTOR IS TO NOTIFY ENGINEER IMMEDIATELY OF ANY PROPOSED ALTERATION TO THE AUTHORITY'S DESIGN APPROVAL FROM BOTH SITE SUPERINTENDENT AND CONSULT BEFORE EXECUTING THE ALTERATION.

11. ALL PROPOSED CAR PARKING BAYS TO BE 2.4M X 3.0M AS PER AS REQD.1 UNLESS NOTED OTHERWISE.
12. CONSTRUCTION METHODS, PROCEDURES AND RESPONSIBILITY OF STRUCTURAL AND CIVIL WORK SHALL ENSURE COMPLIANCE WITH THE LOCAL AUTHORITY WORKPLACE HEALTH AND SAFETY LEGISLATION.
13. ALL MATERIALS SHALL COMPLY WITH THE LOCAL AUTHORITY'S AND ALL PROPOSED DRAWINGS AND POLICY REQUIREMENTS.
14. THROUGHOUT CONSTRUCTION ALL EXISTING BUILDINGS AND STRUCTURES SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVER EXPOSED ABOVE THE PROTECT LEVELS ON ANY PROPOSED CONSTRUCTION STRUCTURE PRIOR TO COMMENCING WORK.
15. A COPY OF APPROVED DRAWINGS AND ANY APPROVAL CONDITIONS ARE TO BE KEPT ON SITE AT ALL TIMES.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL AT RISK OF ANY DAMAGE THAT RESULTS FROM THE CONTRACTOR'S NAME. CONTACT DETAILS FOR COMPLAINT RESPONSE AND CONTACT DETAILS FOR BIDDING CONTRACT.
17. SAFETY RECORDS SHALL BE PROVIDED AT REGULAR INTERVALS WITH VERTICAL CROSS SECTION OR SECTION HANDRAILS TO BE PROVIDED ON STRUCTURES AS REQUIRED BY ARCHITECTURAL DETAIL AND SPECIFICATION.
18. TRAFFIC LIGHTS SHALL BE SUPPLIED AND INSTALLED TO MANAGER'S REQUIREMENTS.
19. CONTRACTOR TO ALLOW FOR SITE ESTABLISHMENT COSTS INCLUDING STREPPING, EXCLUSION FENCE, SALT PENCE, SANDBARRELS AND ALIAS.
20. PROPOSED BATTERS TO BE TREATED AS SPECIFIED BY LANDSCAPE ARCHITECT.
21. THE STABILITY OF ALL EXPOSED SOILS AND SUSTAINABLE EXPOSURE SHALL BE DETERMINED ON SITE BY A GEOTECHNICAL ENGINEER AT THE CONTRACTOR'S COST. U.S.D.
22. THESE DRAWINGS HAVE BEEN PREPARED WITH OUR BEST POSSIBLE CARE AND ACCORDING TO A CORRECT DETECTION OF THE CIVIL ASPECTS OF THE BUILDING. CARE MUST BE TAKEN WHEN INTERPRETING INFORMATION FROM THESE DRAWINGS AS THEY ARE SCHEMATIC DRAWINGS ONLY AND MAY NOT BE ACCURATE FOR THE PROPOSED PURPOSES BY ANY THIRD PARTY. ALL BUILDING SET-OUT INFORMATION SHOULD BE TAKEN FROM THE ARCHITECTURAL DRAWINGS.
23. WORKS TO BE SET OUT BY REGISTERED SURVEYOR.

SITE PLAN

STREET NAME	ROAD TYPE	ROAD WIDTH
1	RESIDENTIAL	3
2	RESIDENTIAL	3
3	RESIDENTIAL	3
4	RESIDENTIAL	3

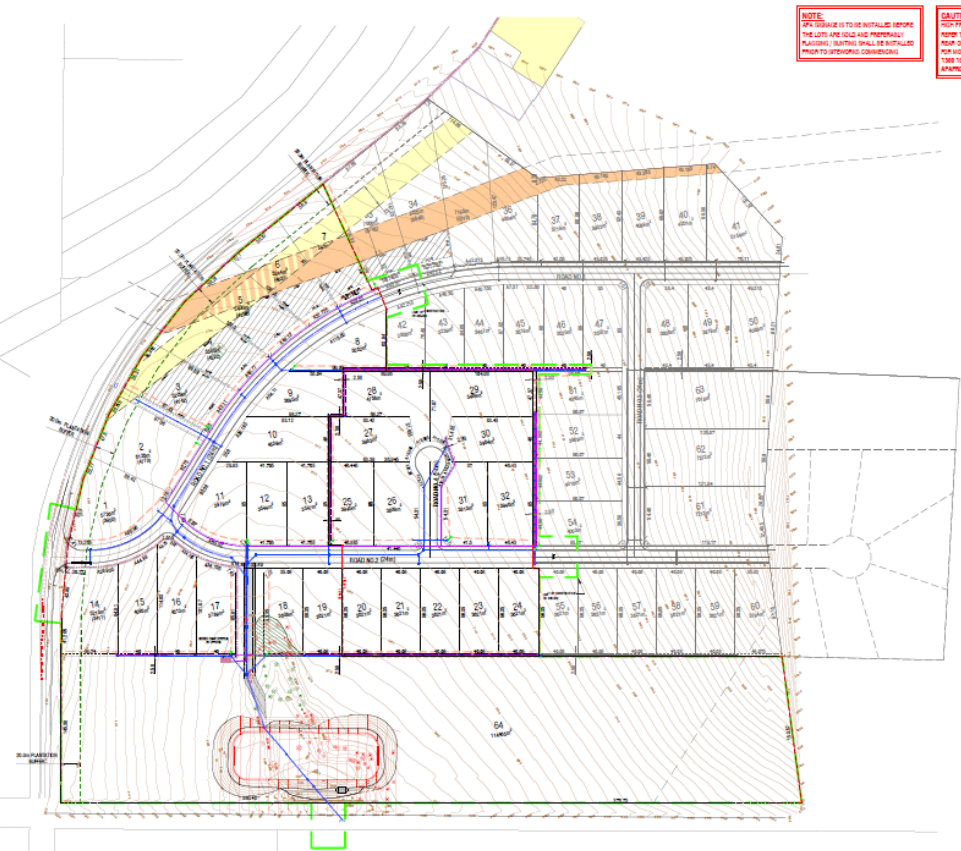


LEGEND

- BARRIER CURB & GUTTER
- BUILDING
- 1000 SUBSOIL WITH FLOURENCE POINT
- PROPOSED DRAINAGE LINE
- FUTURE DRAINAGE LINE
- PROPOSED SEWER LINE
- FUTURE SEWER LINE
- MENS (SEWER MAIN)
- FILL
- ELECTRICAL DIVERSION
- GULL EXISTENT
- JUNCTION PIT
- GATED PIT
- SIDE ENTRY PIT
- 3.0m SIDE ENTRY PIT
- SOAK BAY
- KERN & GUTTER CONNECTION

NOTE:
FOR UTILITY TO BE INSTALLED BEFORE THE LOTS ARE SOLD AND PREPARATION. SURVEY SHALL BE INSTALLED PRIOR TO STARTING CONSTRUCTION.

CAUTION:
DO NOT REMOVE GAS LINE WITHIN AREA REFER TO AFA STANDARDS DRAWINGS AT PAGE 34 OF SET FOR MORE INFORMATION CONTACT: 0300 103 862. PLEASE CALL OR VISIT US AT: WWW.PROTECTING.AFA.COM.AU



2 – Civil drawings

Catchment Plan

Total Block Without R.O.B. Catchment Area = 465305m²
 Stage 1/2 Block Without R.O.B. Catchment Area = 252499m²
 Stage 1/2 Catchment Lost Area = 138034m²

CAUTION
 YOUR PRESENCE SHALL BE WITHIN AREA.
 REFER TO ALL STANDING ORDINANCES AT
 RISK OF DEATH.
 FOR MORE INFORMATION CONTACT
 1300 182 182 (FREE CALL) OR 08 8544 41
 WWW.PROTECTYOURBURN.COM.AU

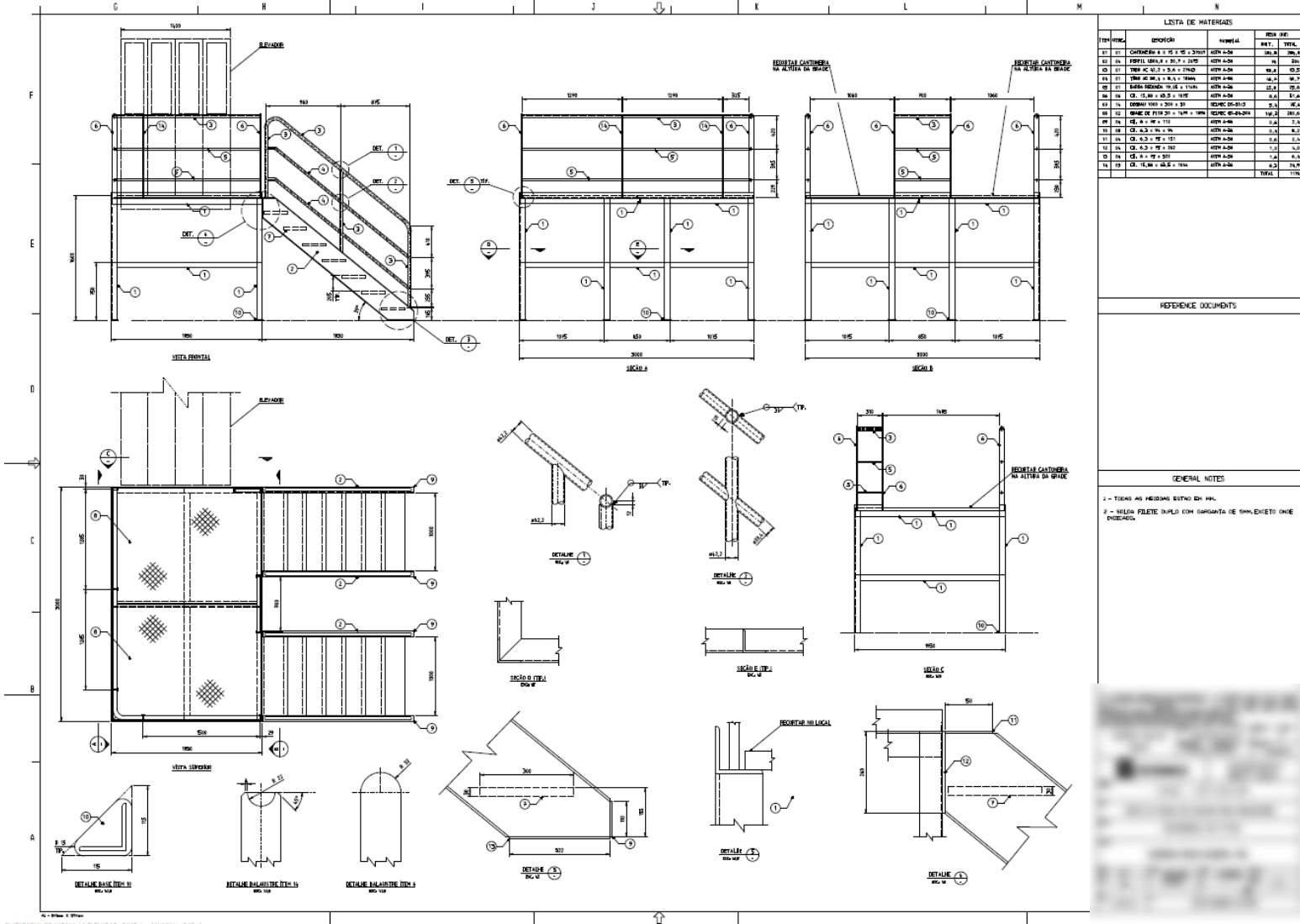
STREET TABLE	
1	ROADWAY
2	ALLEYWAY
3	LANEWAY
4	DRIVEWAY

- LEGEND**
- BLOCK WITHOUT R.O.B.
 - CATCHMENT LOST
 - ROAD
 - OVERLAND FLOW PATH



3 – Other projects

Access platform



LISTA DE MATERIAIS				
ITEM	QTD	DESCRIÇÃO	ESPECIFICAÇÃO	UNID.
01	01	CHAVEIRO 1/2" x 1/2" x 1/2"	CHAVEIRO 1/2" x 1/2" x 1/2"	UNID.
02	04	PARAFUSO 1/2" x 3/4" x 1/2"	PARAFUSO 1/2" x 3/4" x 1/2"	UNID.
03	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
04	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
05	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
06	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
07	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
08	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
09	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
10	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
11	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
12	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
13	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
14	01	TRINCA 1/2" x 1/2" x 1/2"	TRINCA 1/2" x 1/2" x 1/2"	UNID.
TOTAL				110

REFERENCIE DOCUMENTS

GENERAL NOTES

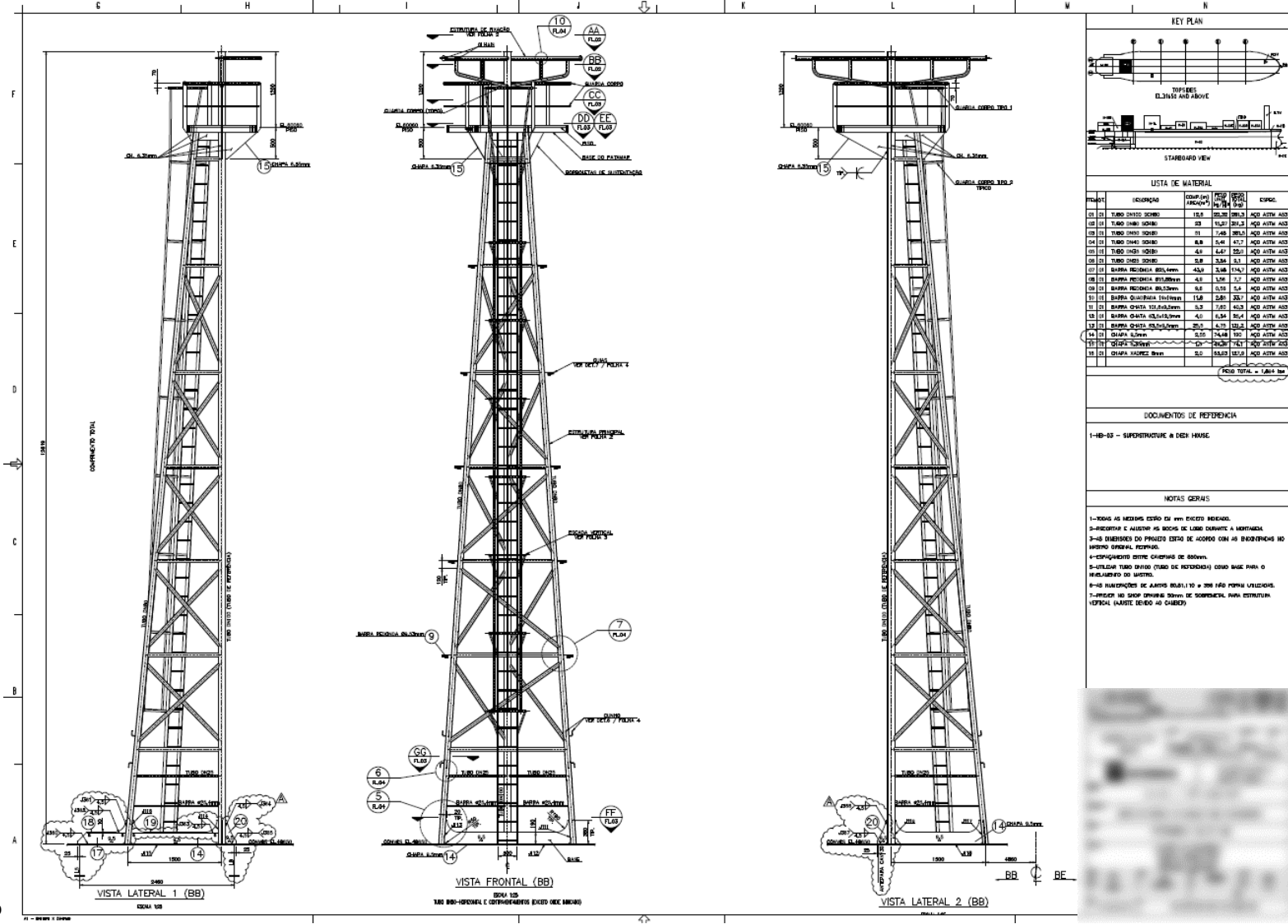
1 - TODAS AS MEDIDAS ESTÃO EM MM.

2 - SEGUIR FOLETE DA PLACA COM GARANTIA DE DIMENSOES CORRETO.



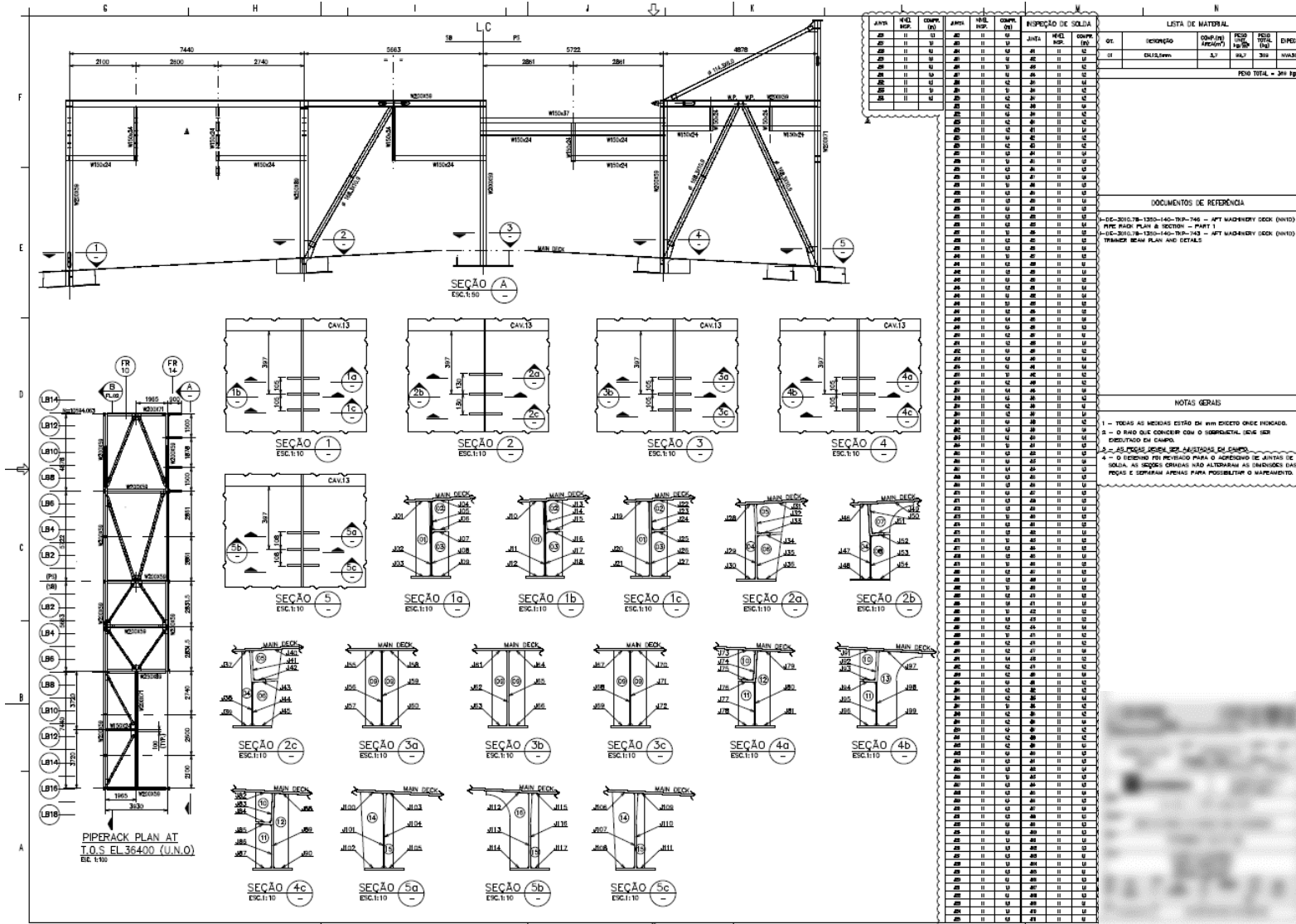
3 – Other projects

Flag Mast – General Arrangement



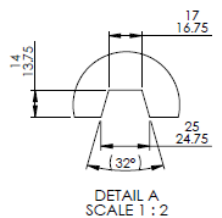
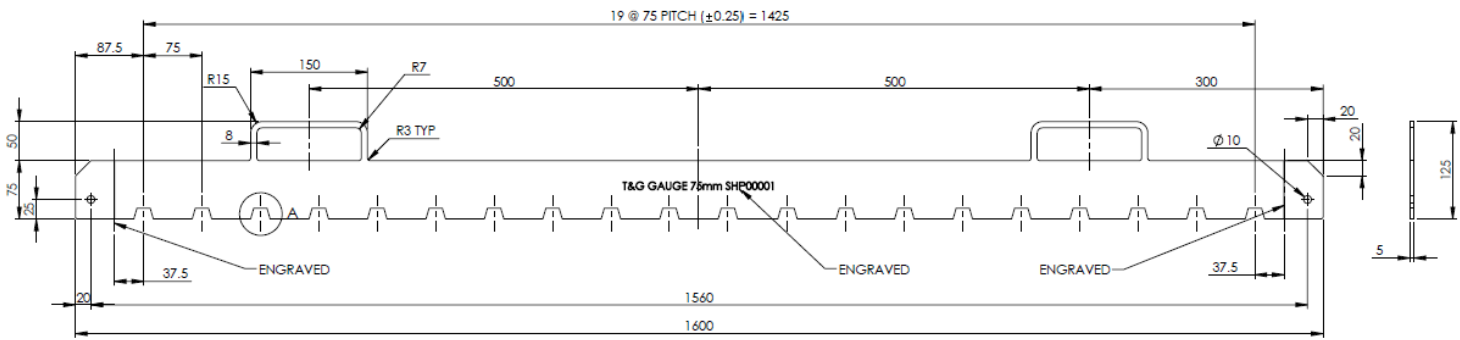
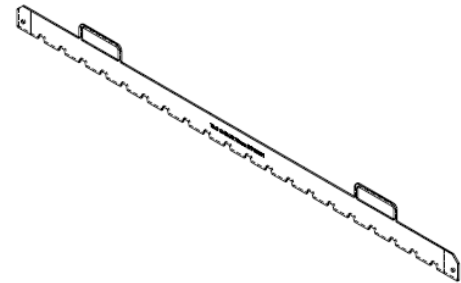
3 – Other projects

Pipe rack reinforcements



3 – Other projects

Mechanical component drawing

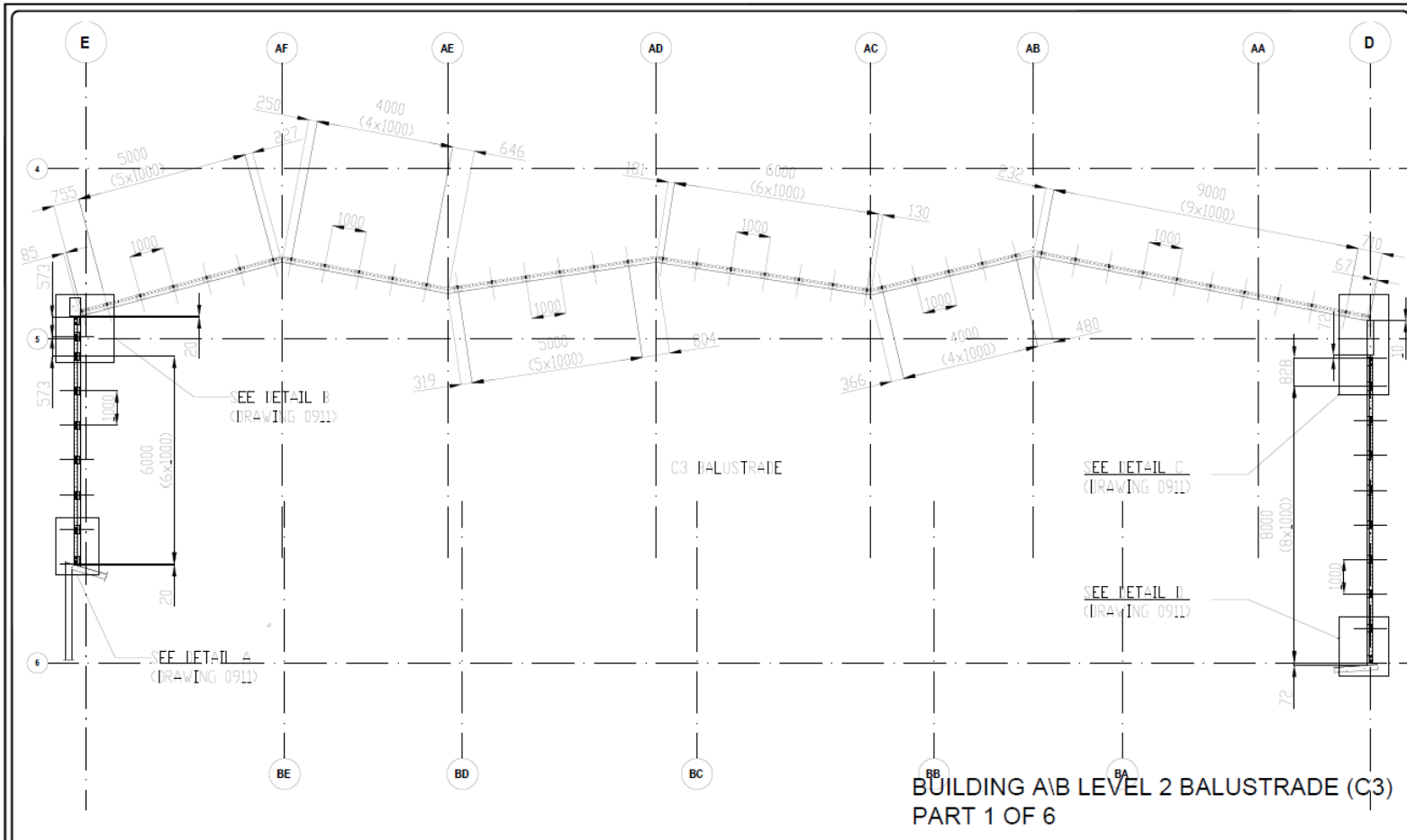


NOTES:
1. REMOVE ALL SHARP EDGES AND BURRS



3 – Other projects

Balustrade Setout



3 – Other projects

Balustrade Fabrication

C3 BALUSTRADE - FRONT VIEW

C3 BALUSTRADE - TOP VIEW

COUNTERDRUM MH-HOLE

C3 BALUSTRADE TYPICAL LEVEL 2

CUTTING LIST (切割清单)			
ITEM (项号)	DESCRIPTION (描述)	LENGTH (长度)	QTY (数量)
1	75x12mm HDG FLAT BAR	1200	2
2	75x12mm HDG FLAT BAR	982	2
3	18mm HDG SOLID STEEL ROD	1200	8

LABEL (项号): J1847-200-001

QTY(数量): 125

NOTES:
 - ALL MILD STEEL TO BE HOT DIP GALVANIZED
 - ALL BALUSTRADE ARE BASED ON C3 LONING

SECTION 1-BASEPLATE ON SLAB

SECTION 2-BASEPLATE ON SLAB

BASEPLATE C3

C3 STANCHION TYPICAL LEVEL 2

CUTTING LIST (切割清单)			
ITEM (项号)	DESCRIPTION (描述)	LENGTH (长度)	QTY (数量)
1	100x18mm HDG STEEL PLATE	230	1
2	75x12mm HDG FLAT BAR	1084	1

LABEL (项号): J1847-201-001

QTY(数量): 137

NOTES:
 - ALL MILD STEEL TO BE HOT DIP GALVANIZED
 - ALL BALUSTRADE ARE BASED ON C3 LONING

Get in Touch

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