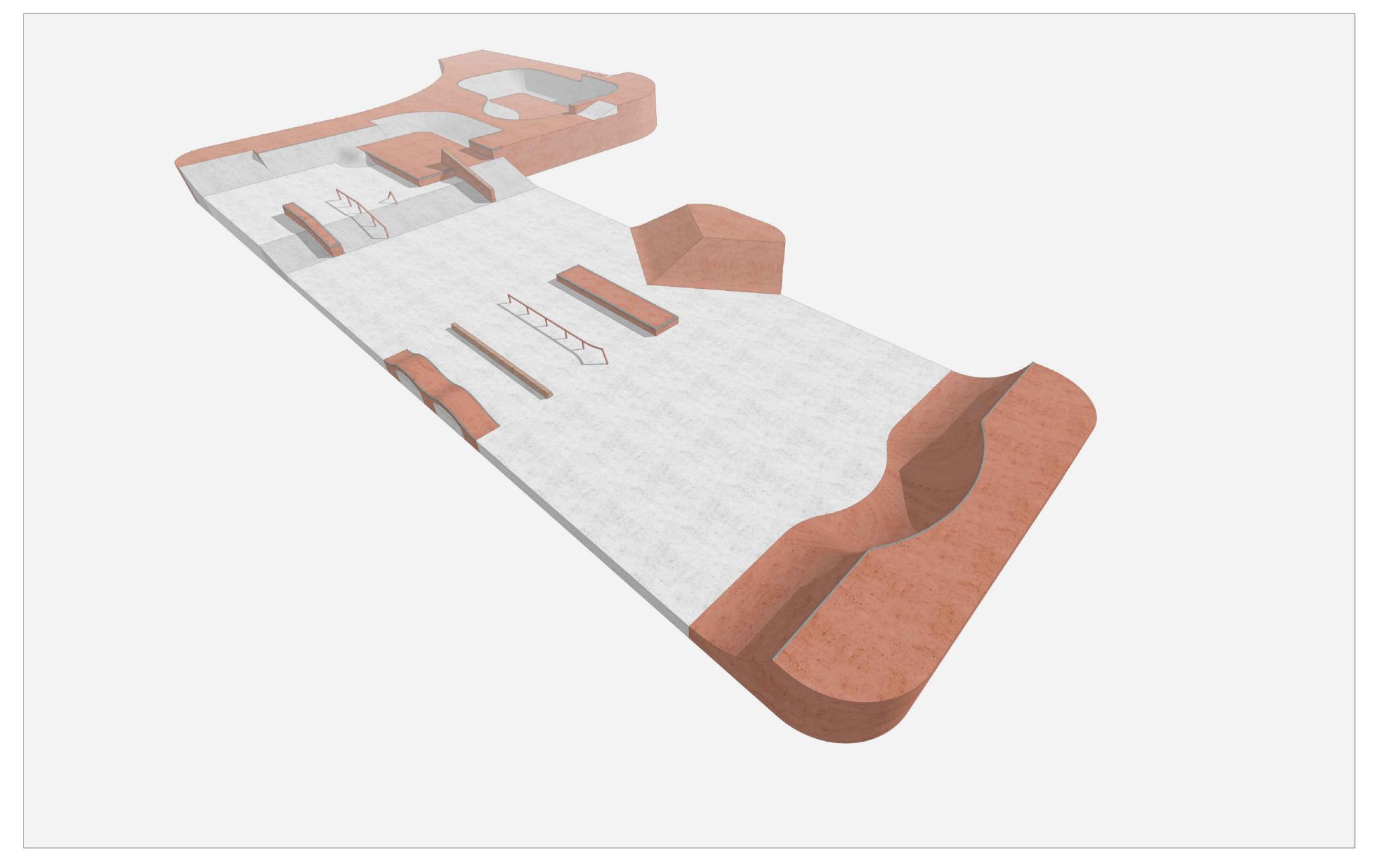
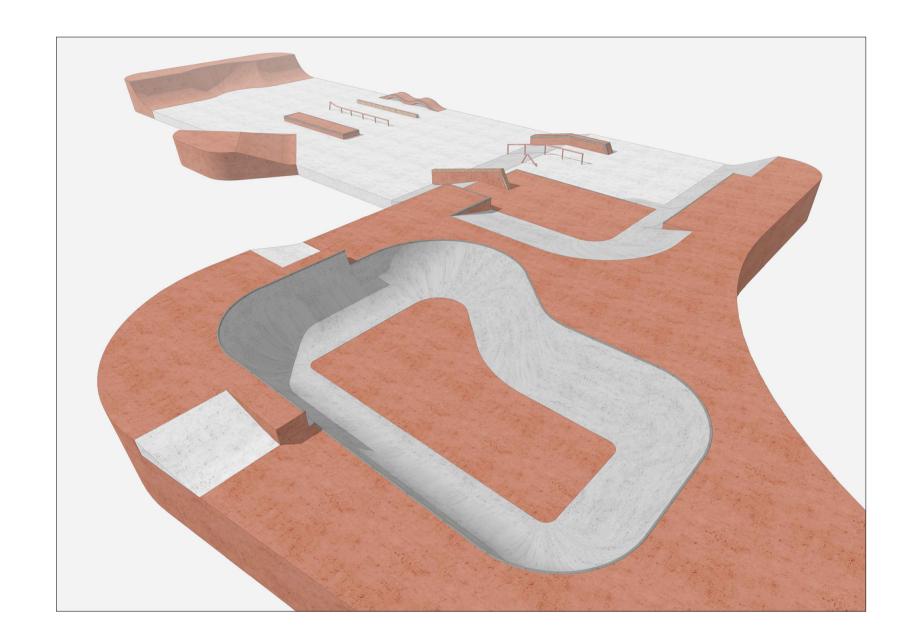
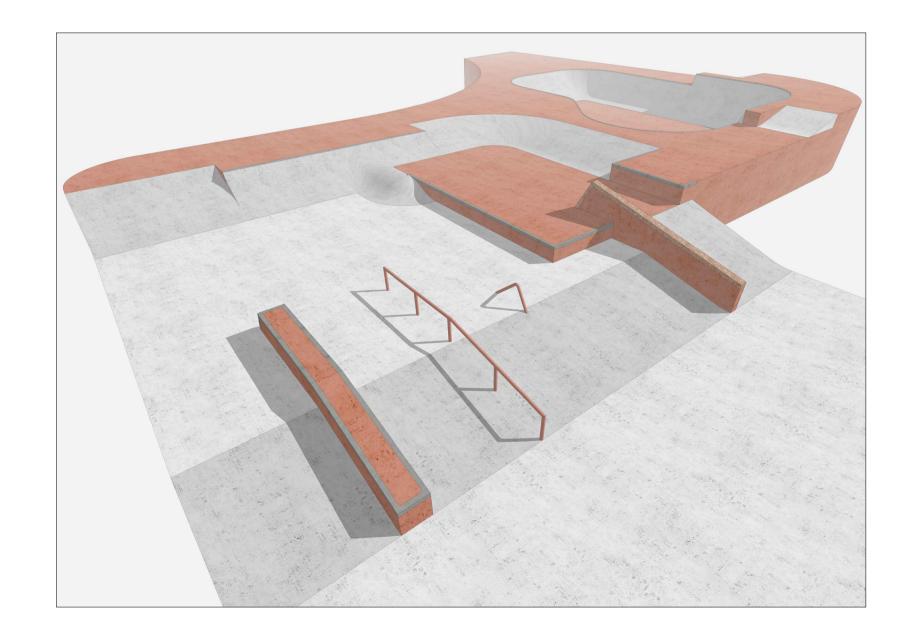
EDEN SKATEPARK REDEVELOPMENT

- FOR CONSTRUCTION





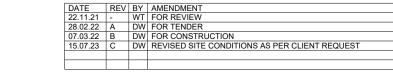




RENDERS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY, DOCUMENTATION TO TAKE PRECEDENCE.







GENERAL NOTES

- 1. ENSURE 'DIAL BEFORE YOU DIG' IS UNDERTAKEN. CONTRACTOR TO VERIFY LOCATION OF AND ISOLATE ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. ALL EXISTING SERVICES TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE.
- 2. HEIGHT DATUM AND SET OUT POINTS TO BE LOCATED ON SITE BY LICENSED SURVEYOR PRIOR TO COMMENCEMENT OF WORKS.
- 3. STRIP, AND REMOVE FROM SITE, ALL VEGETATION AND DELETERIOUS MATERIAL 150MM (MINIMUM) SITE SCRAPE TO AREA OF SKATEPARK, EXCAVATED TOP SOIL CAN BE STOCKPILED ON SITE AND USED FOR TOPPING OF BATTERS.
- 4. CHECK ALL DIMENSIONS AS SHOWN, REFER ANY DISCREPANCIES OR POINTS REQUIRING FURTHER CLARIFICATION TO THE SUPERINTENDENT.
- 5. ENSURE ALL EXISTING TREES AND EXISTING SITE FEATURES ARE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE ON DEMOLITION PLAN.
- 6. SKATEPARK MAXIMUM DESIGN LIVE LOAD 4.0kPa.
- 7. SET OUT TO BE CONFIRMED ON SITE AND APPROVED BY SUPERINTENDENT PRIOR TO EARTHWORKS.

EARTHWORKS:

1. SUB-GRADE PREPARATION

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ACT GEOTECHNICAL ENGINEERS REPORT SH/C10289.2 DATED 8 OCTOBER 2019. THE CONTRACTOR SHALL INCLUDE AN ALLOWANCE FOR LEVEL 2 COMPACTION TESTING AS DEFINED BY AS3798 "GUIDELINES ON EARTHWORKS COMMERCIAL AND RESIDENTIAL DEVELOPMENTS".

- 2. REFER BORELOG 6A FOR INDICATIVE SOIL PROFILE FOR THE PROPOSED SKATE PARK. THE CONTRACTOR SHALL ALLOW TO STRIP THE SITE NOMINALLY 300 OR TO THE SUB-BASE FINISH SURFACE LEVEL AS SPECIFIED IN THE SITE DESIGN DRAWINGS. SITE STRIP AND SUBGRADE COMPACTION SHALL EXTEND A MINIMUM 300 PAST CONCRETE PAVEMENT EDGES, DOWNTURN WALL FOUNDATIONS AND TO THE TOE OF ENGINEERED FILL BATTERS. THE SUB-GRADE SHALL BE FREE OF GRASS AND ROOT MATTER AND OTHER DETRITIUS. THE EXPOSED SURFACE SHALL BE RIPPED AND COMPACTED IN ACCORDANCE SECTION 5.6 OF THE GEOTECHNICAL REPORT. THE SUBGRADE SHALL BE PROOF ROLLED IN THE PRESENCE OF THE SITE SUPERINTENDANT. WEAK OR WET AREAS SHALL BE REMOVED AND RECOMPACTED AS PER GEOTECHNICAL REPORT RECOMMENDATIONS.
- REPLACEMENT AND PLATFORM FILL SHALL BE INSTALLED AS PER SECTION 5.6 OF THE GEOTECHNICAL REPORT. THE SUBGRADE SHALL BE COMPACTED WITH A RAMMER PLATE WHERE NOT PRACTICAL TO OPERATE A PAVEMENT ROLLER.
- 4. THE SUBGRADE SHALL BE SMOOTH AND FREE DRAINING.
- 5. ENGINEERED FILL BATTERS SHALL BE PLACED ON THE STRIPPED AND COMPACTED SUBGRADE AS DETAILED ABOVE. BATTER SLOPE SHALL BE NOT LESS THAN TWO HORIZONTAL TO ONE VERTICAL 2H:1V ENGINEERED FILL BATTERS SHALL BE COMPACTED TO MINIMUM 95% STANDARD COMPACTION AND VERIFICATION RESULTS SUBMITTED WITH AS BUILT DOCUMENTATION.

6. SUB BASE

IMPORTED CLASS 3 ROAD BASE OR SITE DERIVED SANDS THAT COMPLY WITH SECTION 5.4 OF THE GEOTECHNICAL REPORT SHALL BE PLACED AND COMPACTED AS PER GEOTECHNICAL REPORT RECOMMENDATIONS. SITE TOPSOILS ARE NOT TO BE USED AS A SUBBASE OR ENGINEERED FILL FOR BATTERS. THE SUBBASE SHALL BE SMOOTH AND FREE DRAINING.

GRANULAR BASE

PROVIDE A MINIMUM 50 FCR GRANITIC SAND OR QUARRY DUST BASE BELOW CONCRETE PAVEMENTS COMPACTED TO A MINIMUM STANDARD COMPACTION OF

8. STORMWATER DRAINS

STORMWATER DRAINS SHALL BE BACKFILLED IN ACCORDANCE WITH COUNCIL STANDARD DETAILS OR 20MM CLASS 2 CRUSHED ROCK COMPACTED IN LAYERS NOT EXCEEDING 150MM. STORMWATER DRAINS SHALL BE SUPPORTED ON 20MM CLASS 2 FINE CRUSHED ROCK. PROVIDE MIN 50MM HAUNCH TO SIDE WALLS OF DRAINS.

CONCRETE:

- 1. ALL CONCRETE TO BE 40MPa.
- 2. ENSURE ADEQUATE VIBRATION OF CONCRETE TO AS 3600 AND AS 1379.
- SLUMP OF CONCRETE 70MM-100MM.
- CONCRETE THICKNESS:
 - 150MM SLOPES (U.N.O.)
 - 150MM PLATFORMS (U.N.O.) - 150MM FLAT SLABS (U.N.O.)
- 5. ALL FLAT CONCRETE SLABS TO BE CONSTRUCTED ON MINIMUM 50MM FINE CRUSHED ROCK (FCR).
- 6. CONSTRUCTION JOINTS SHALL BE CONSTRUCTED AS PER DETAIL.
- 7. SAW CUTS (4MM WIDE 30MM DEEP SAW CUT) TO BE SAWN AS SHOWN ON PLANS, LOCATION OF STEEL REINFORCEMENT SHALL BE MARKED (ON FORMWORK OR SIMILAR) PRIOR TO CONCRETE POUR TO ENABLE ACCURATE POSITIONING OF SAW CUTS. REFER SAW CUT JOINT DETAIL. SAW CUTS ARE TO BE ACCURATE, STRAIGHT AND TRUE. SAW CUT ALL SLABS AFTER THE CONCRETE HAS ACHIEVED A SUITABLE SET AND WITHIN 8 HOURS OF THE INITIAL SET.

- 8. ALL CONCRETE SKATE SURFACES (PLATFORMS, BASES, FLAT BANKS, TRANSITIONS, ETC.) TO HAVE BURNISHED STEEL TROWEL FINISH.
- 9. VERTICAL OFF FORM CONCRETE SURFACES TO HAVE CLASS 2 OFF FORM FINISH AS PER AS 3610 FORMWORK FOR CONCRETE.
- 10. FOR CURING, COVER FOR SEVEN DAYS (OR 170 HOURS) WITH PLASTIC OR APPLY LIQUID MEMBRANE AS PER AS 3799 LIQUID MEMBRANE-FORMING CURING COMPOUNDS FOR CONCRETE WITHIN 1 HOURS OF CONCRETE FINISHING.
- 11. ALL EXPOSED CONCRETE SURFACES TO BE APPLIED WITH 'NUTECH PAVECOAT CURE & SEAL' SAME DAY SEALER AND HARDNER.
- 12. REFER TECHNICAL SPECIFICATION FOR ALL OTHER INFORMATION.

REINFORCEMENT:

- 1. AS SHOWN ON DETAILS.
- 2. TRIMMERS 2 X N12 X 2000 LONG TO ALL INTERNAL CORNERS.
- 3. FLAT SLAB SL72 MESH OR N12 @ 300 CRS EW. CONCRETE COVER 50MM MIN.
- 4. VERTICAL WALLS SL72 MESH OR N12 @ 300 CRS EW. CONCRETE COVER 50MM MIN. (U.N.O.).
- 5. SLOPES (TRANSITIONS, BANKS, ROLL VERS, ETC.) SL72 MESH OR N12 @ 300 CRS EW. CONCRETE COVER 50MM MIN. (U.N.O.).

- 1. ALL MEASUREMENTS ARE TAKEN FROM THE CENTRELINE OF CHS COPING AND THE EXTERNAL LENGTH OF ANGLE COPING.
- ALL QUARTER PIPES TO HAVE 50MMB GALVANIZED CHS COPING INSTALLED
- 3. ALL SKATEABLE EDGES TO HAVE GALVANIZED METAL EDGING INSTALLED (U.N.O).
- 4. REFER TO DETAILS FOR SETTING OUT AND FURTHER INFORMATION.

DRAINAGE:

- 1. ALL SURFACE WATER TO DRAIN FROM SLAB AS DETAILED.
- 2. ALL SLAB SURROUNDING AREAS TO BE GRADED WITH ADEQUATE FALL TO PREVENT PONDING WITH A MINIMUM 1:100 CROSS FALL. TURF GRADE 1:70.

FURNITURE:

ALL PROPRIETARY FURNITURE TO BE INSTALLED AS PER MANUFACTURER'S DETAILS AND SPECIFICATIONS.

LANDSCAPING:

- REFER TO DRAWINGS FOR LANDSCAPING REQUIREMENTS.
- 2. ALL NEW AND DISTURBED EARTH AREAS TO BE CLEAN, PRESENTABLE, EVENLY GRADED AND TIE INTO NATURAL GROUND LEVELS.

TREE PROTECTION:

TREE PROTECTION ZONE (TPZ):

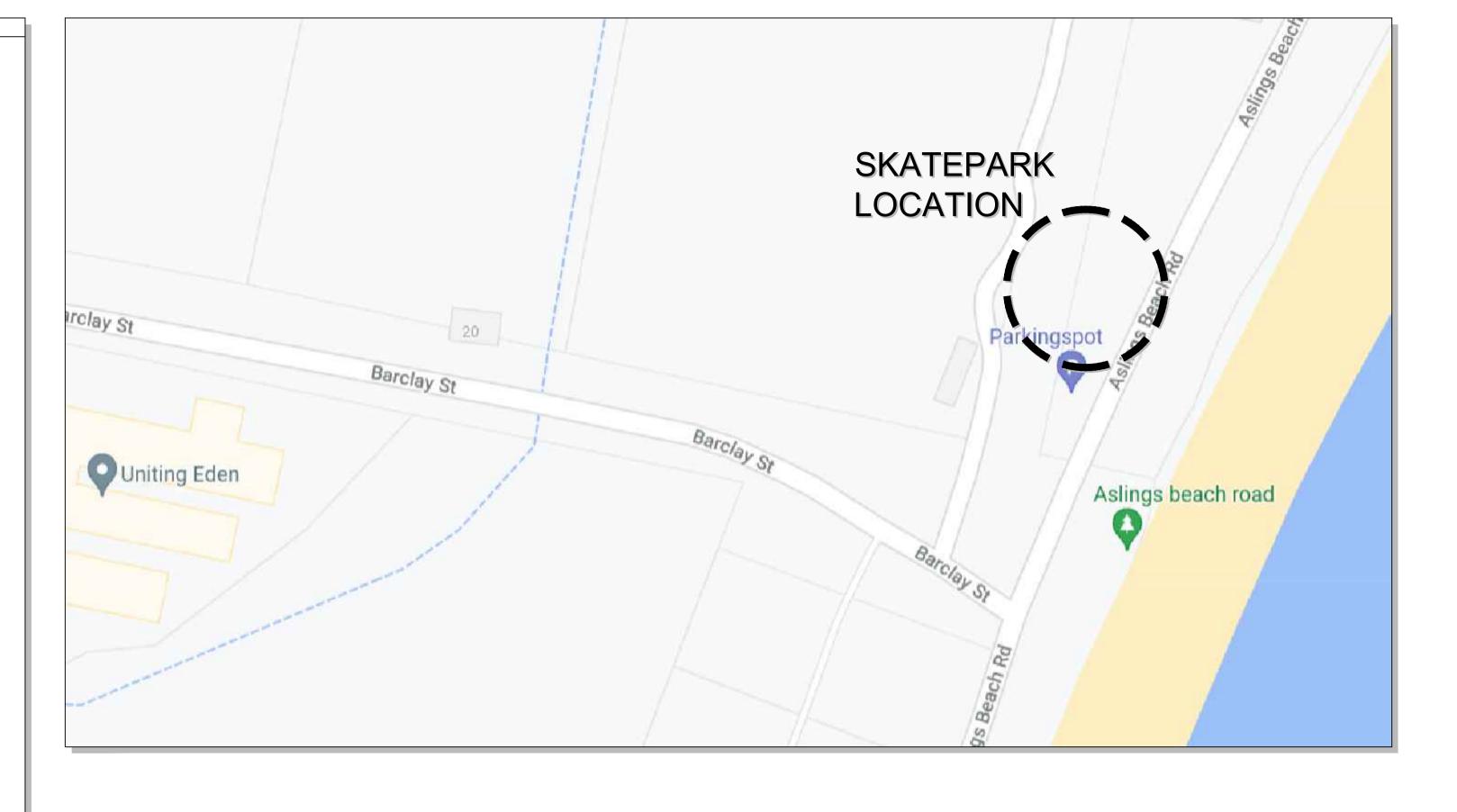
VEGETATION HIGHLIGHTED IN THESE PLANS TO BE PROTECTED AND RETAINED. TREE PROTECTION ZONES HAVE BEEN HIGHLIGHTED ON THE PLANS. CONSTRUCTION ACTIVITIES OR STORAGE OF MATERIALS IS NOT PERMITTED WITHIN THE TREE PROTECTION ZONE. TREE PROTECTION ZONES ARE MONITORED BY COUNCIL APPOINTED ARBORIST DURING CONSTRUCTION WORKS.

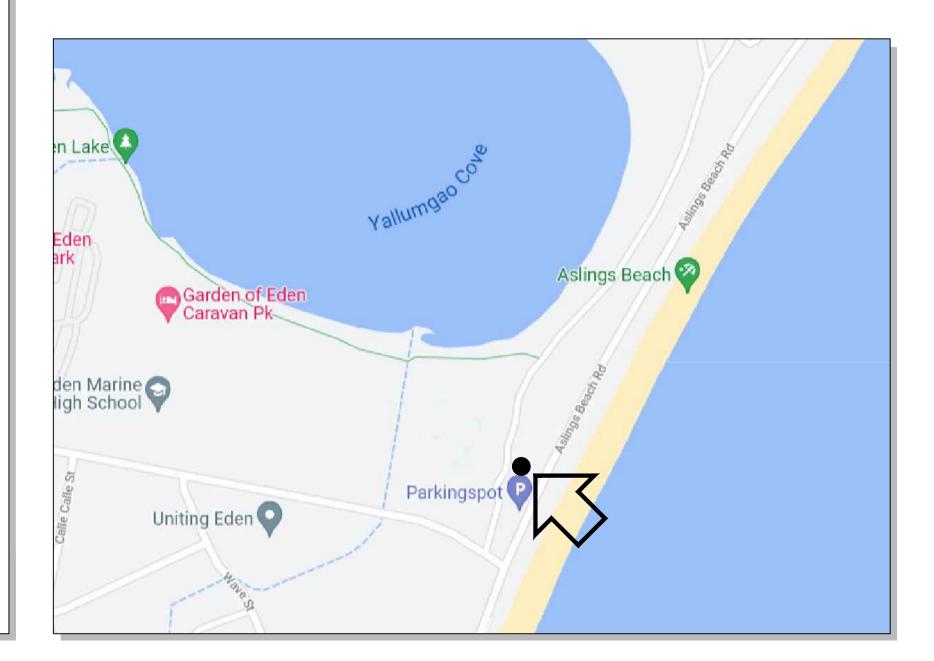
ENCLOSURES:

PROVIDE TEMPORARY PROTECTIVE ENCLOSURES SURROUNDING THE VEGETATION AS INDICATED. THE PROTECTION ENCLOSURE WILL CONSIST OF 1200MM HIGH BARRIER MESH SUPPORTED BY STAKES. TREE PROTECTION FENCES ARE TO BE MAINTAINED DURING WORKS TO ENSURE FENCES REMAIN UPRIGHT.

3. WORK NEAR TREES:

WHEN WORKING WITHIN 3000MM OF A TREE CONTACT THE SUPERINTENDENT PRIOR TO CUTTING TREE ROOTS. HIGH PRESSURE WATER JET PRUNING OF ROOTS IS TO BE UNDERTAKEN BY AQF LEVEL 5 ARBORIST IN CONSULTATION WITH COUNCIL ARBORIST.





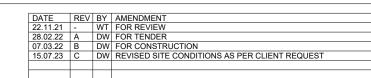
DRAWING INDEX			
SHEET	PROJECT	DRAWING TITLE	REV
CD00	2105	COVER SHEET	С
CD01	2105	TITLE SHEET	С
CD02	2105	EXISTING CONDITIONS PLAN	С
CD03	2105	DEMOLITION PLAN	С
CD04	2105	SITE PLAN	С
CD05	2105	DRAINAGE PLAN	С
CD06	2105	GRADING PLAN	В
CD07	2105	SURFACE TREATMENT PLAN	В
CD08	2105	DIMENSION PLAN	В
CD09	2105	CONCRETE JOINTS PLAN	С
CD10	2105	STEEL PLAN	В
CD11	2105	SECTION TAB PLAN	В
CD12	2105	CROSS SECTIONS 01	В
CD13	2105	CROSS SECTIONS 02	В
CD14	2105	ENGINEERING DETAILS 01	В
CD15	2105	ENGINEERING DETAILS 02	В
CD16	2105	ENGINEERING DETAILS 03	В
CD17	2105	ENGINEERING DETAILS 04	В

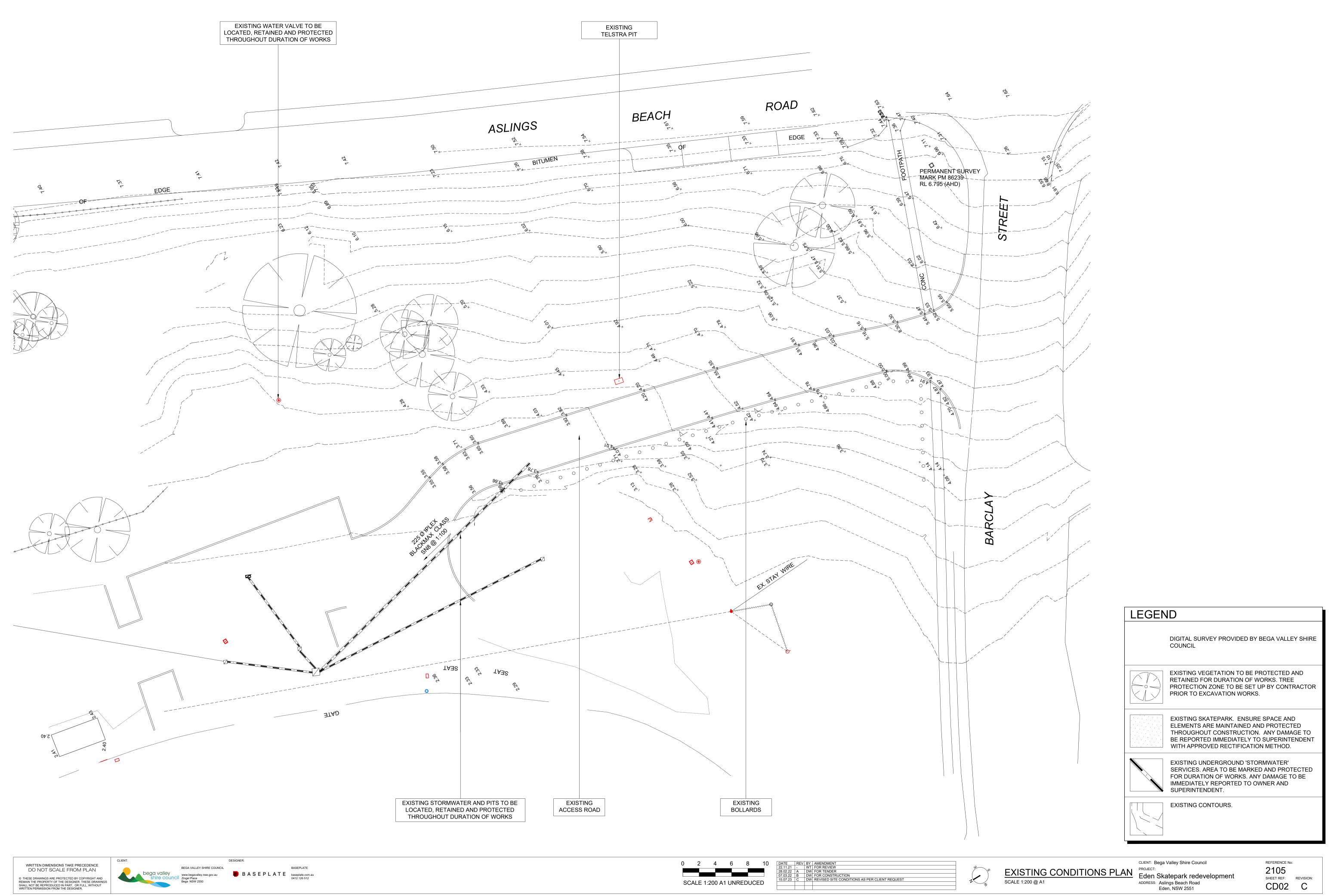










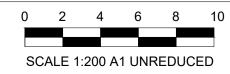


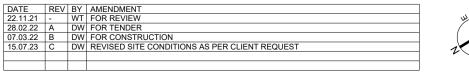
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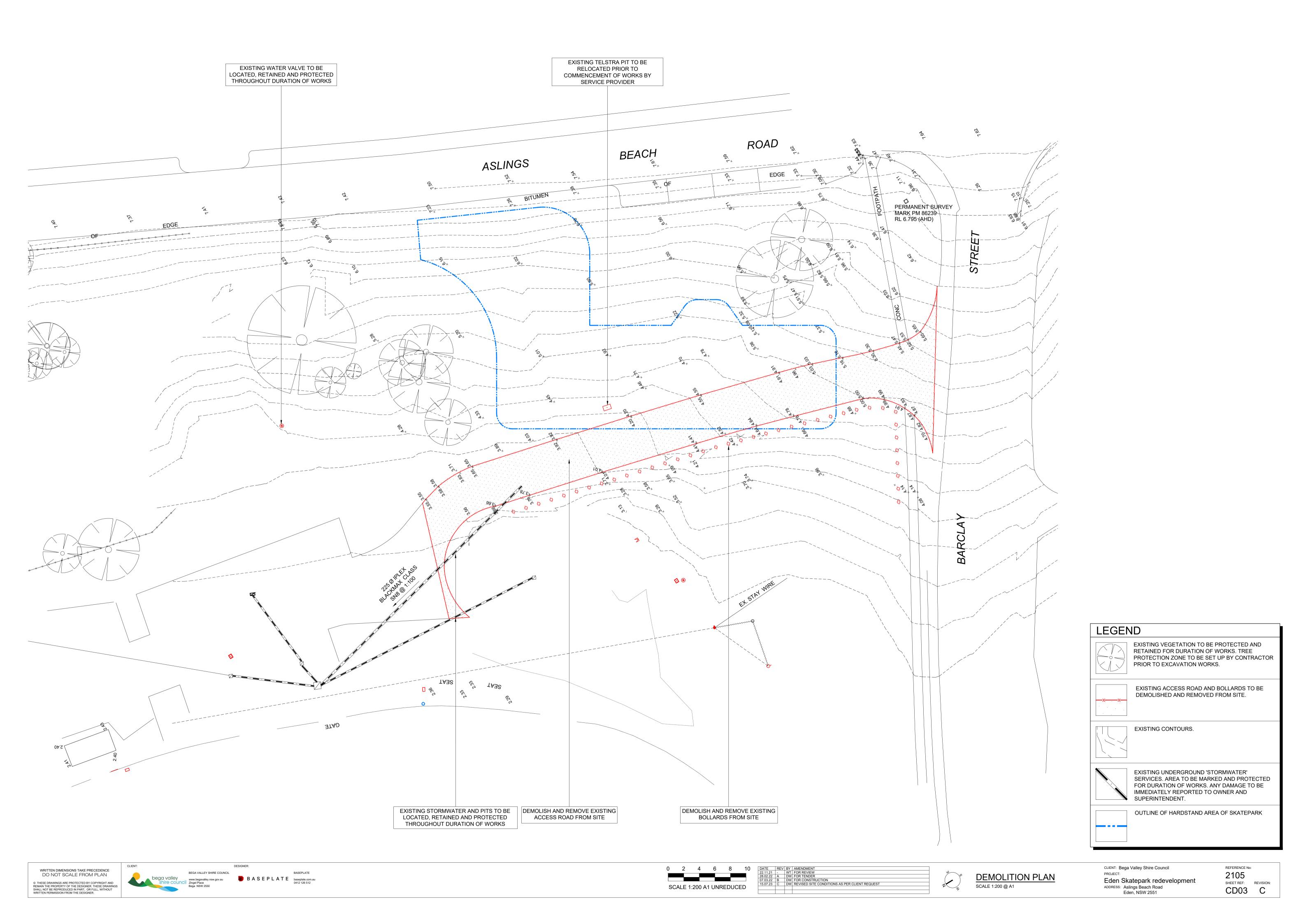


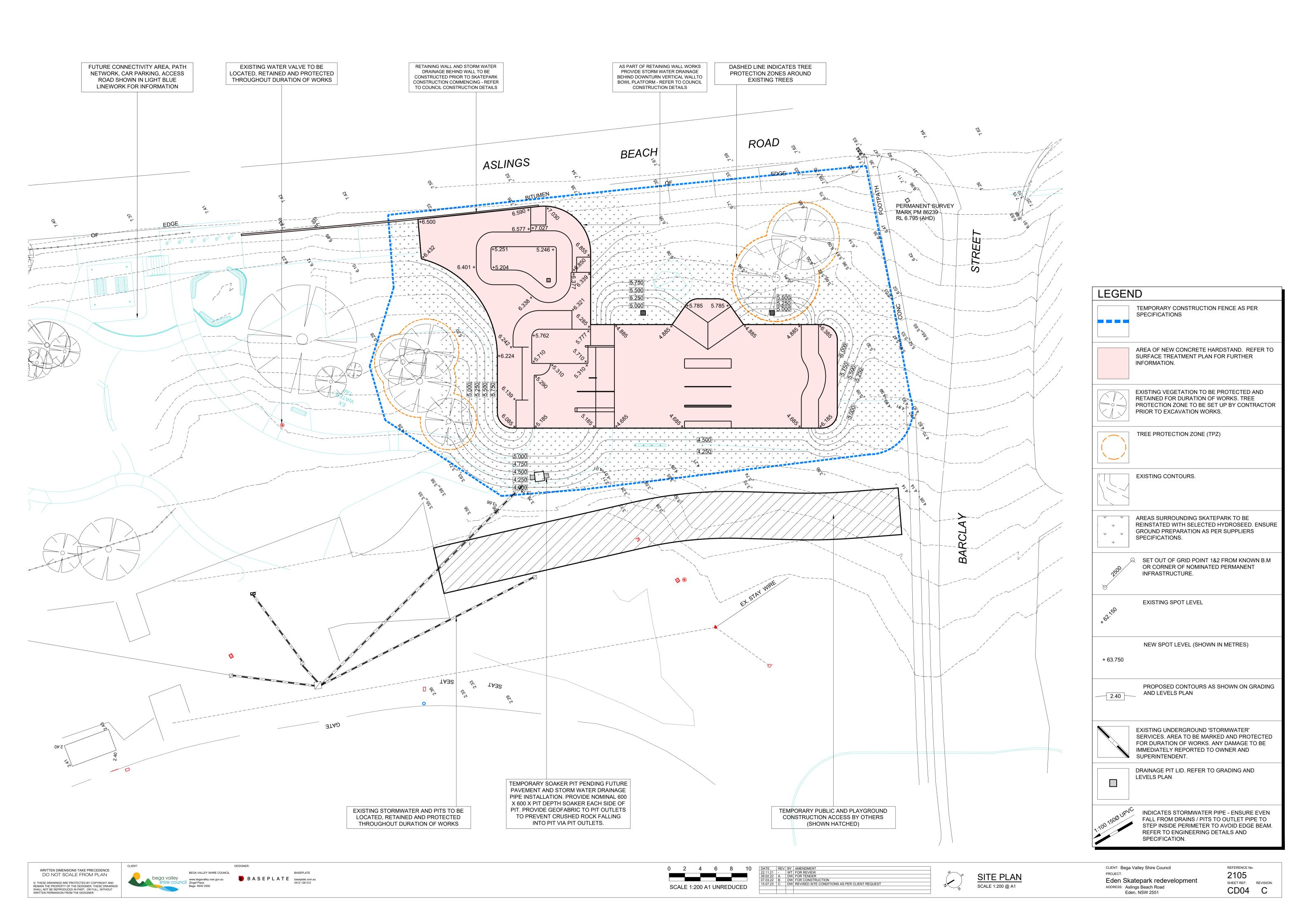


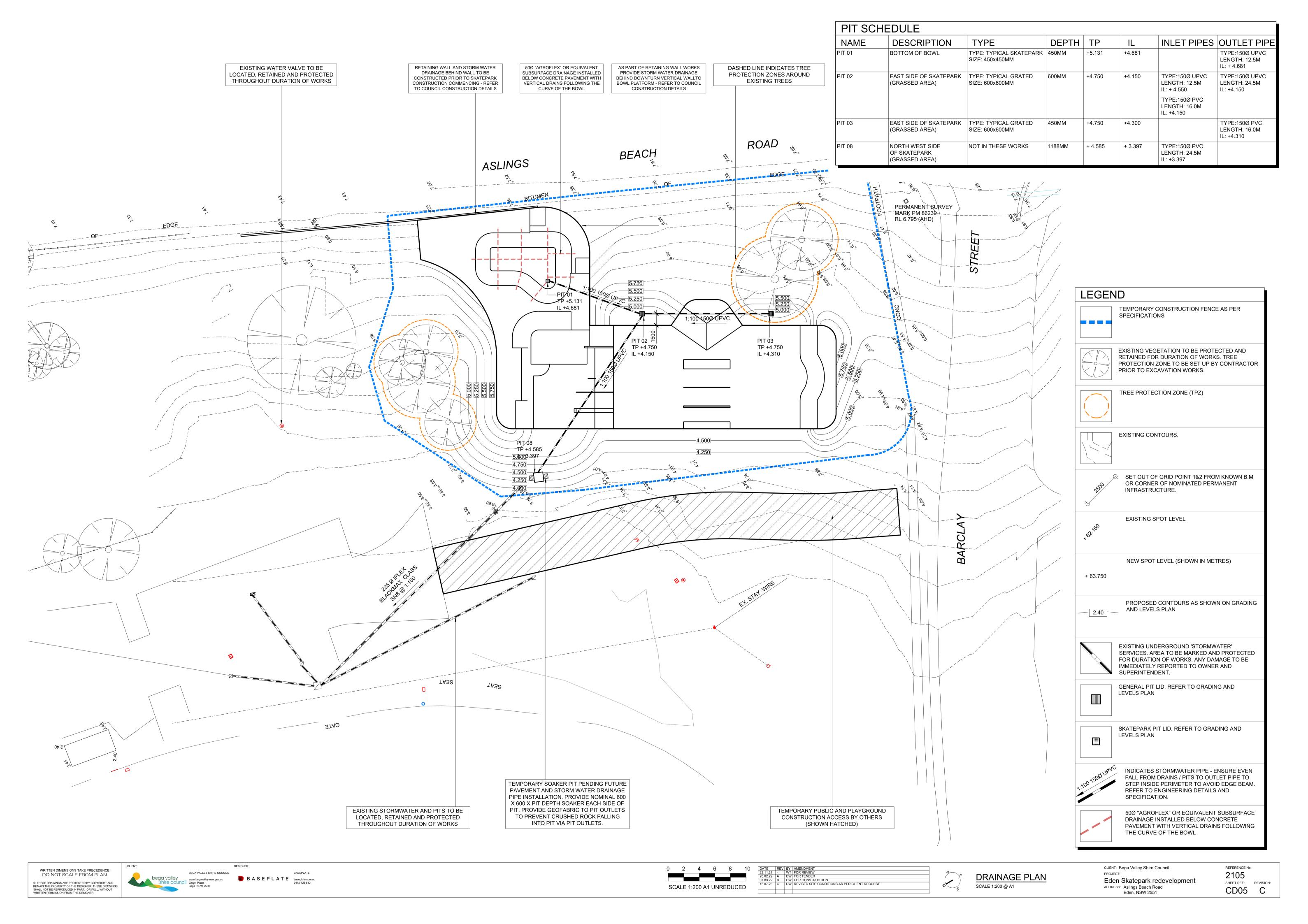


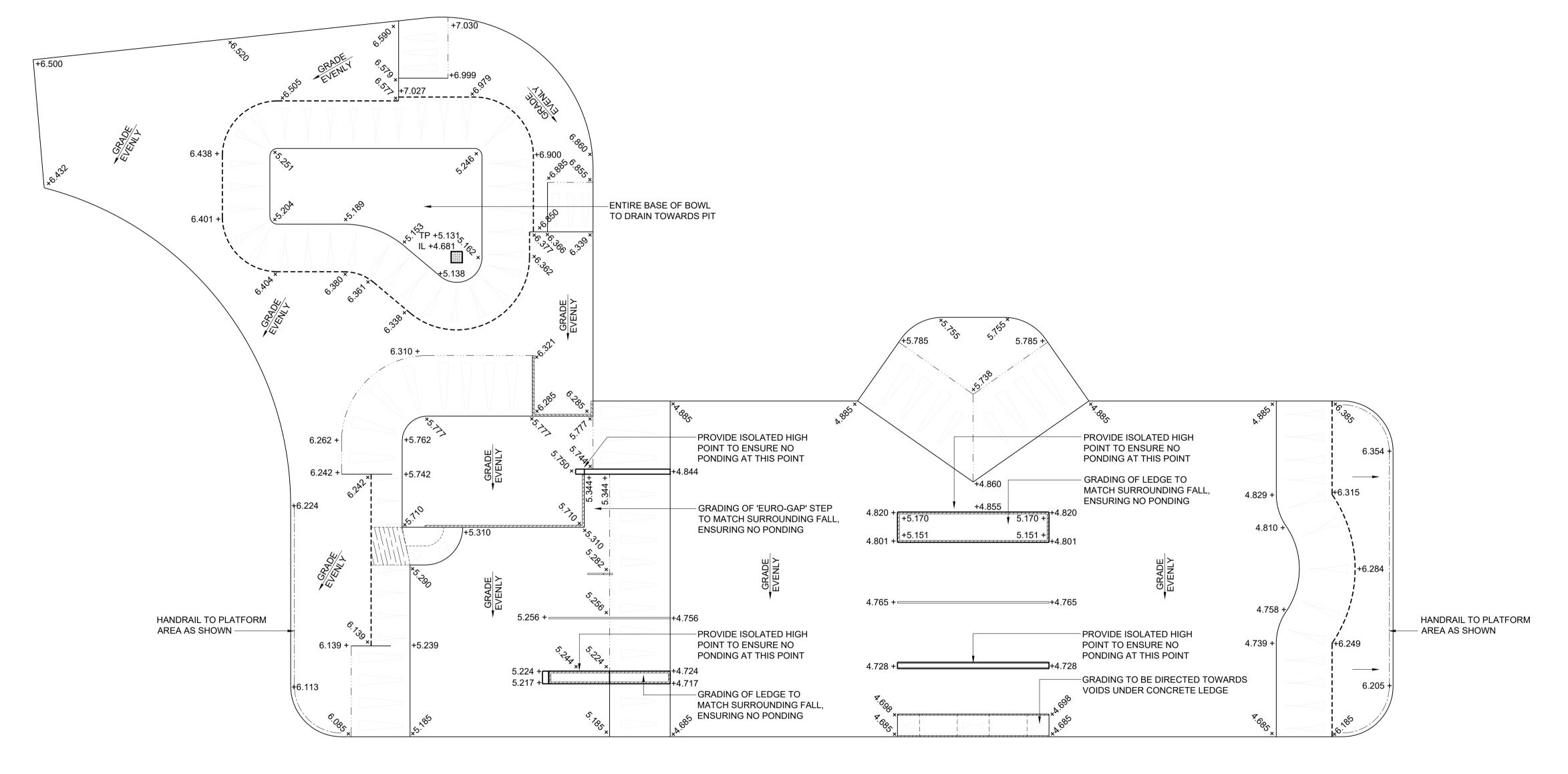


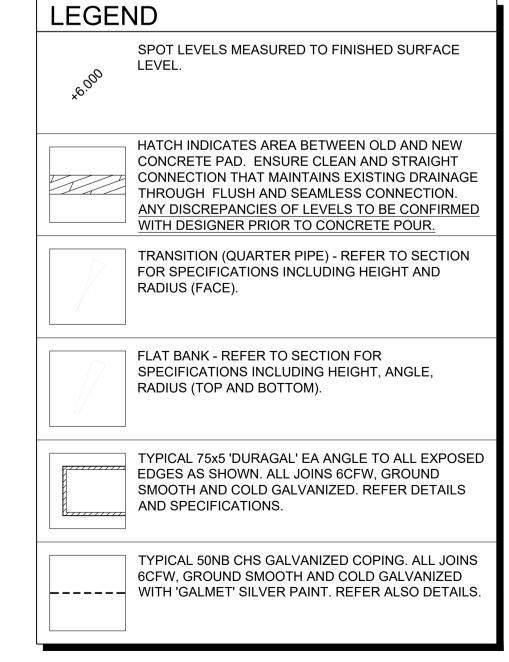
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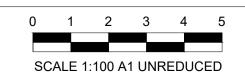


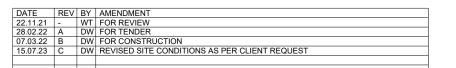








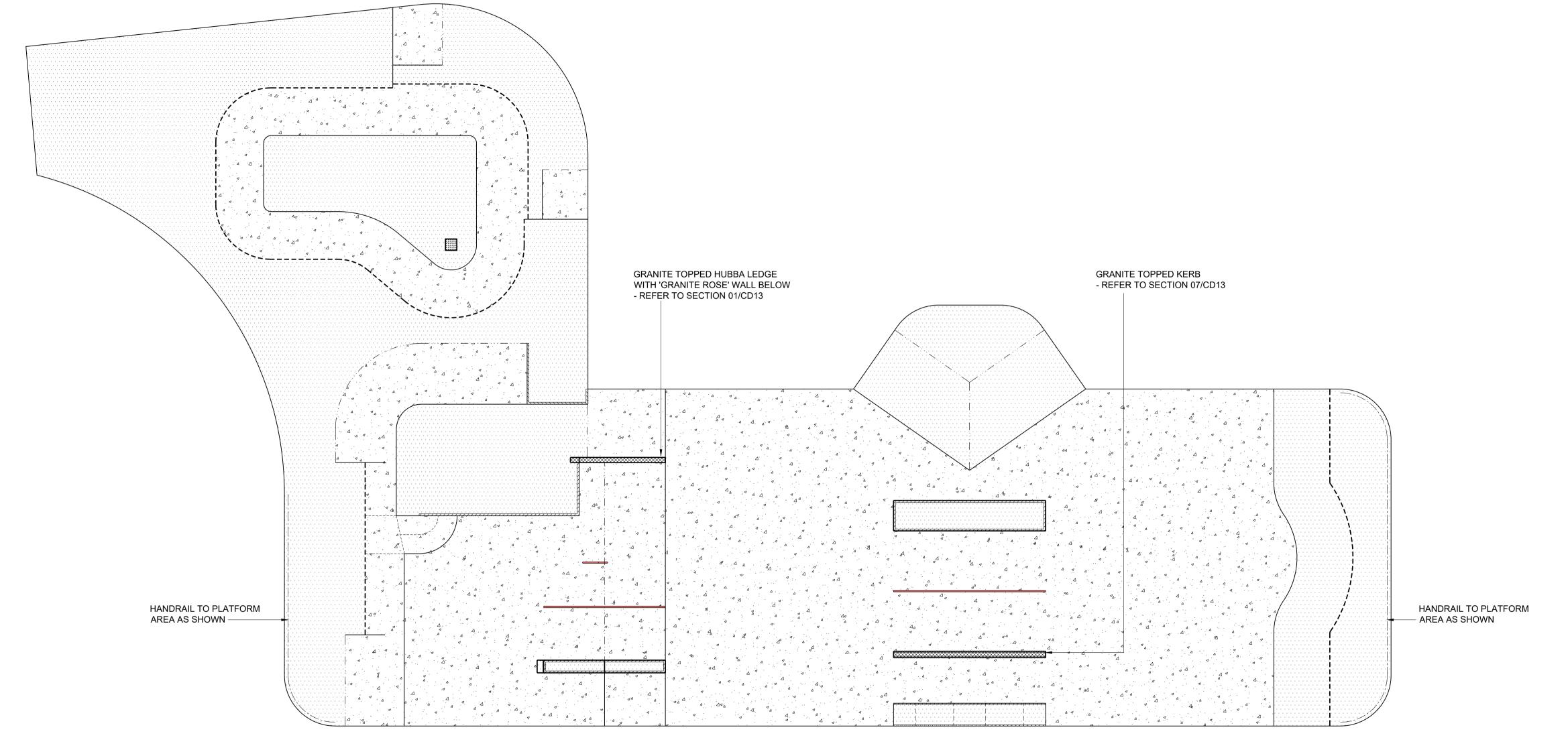


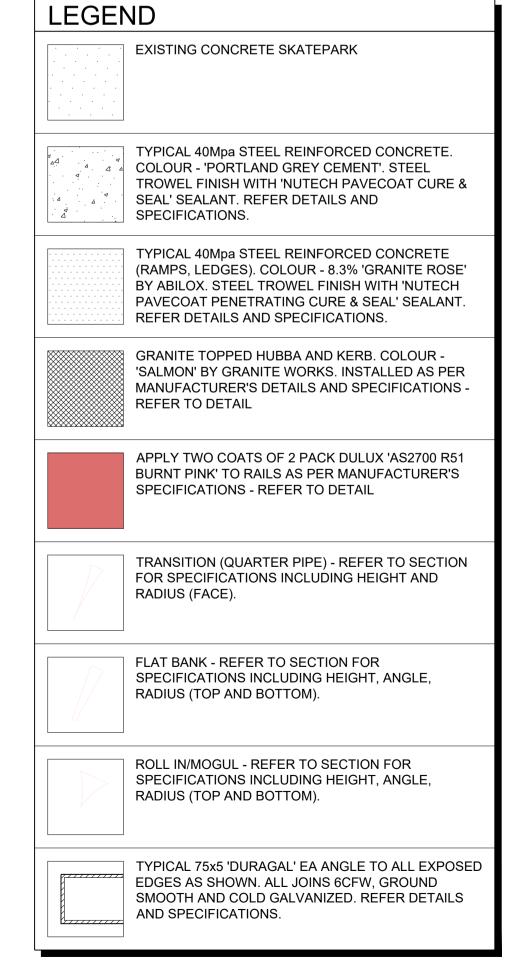




CLIENT: Bega Valley Shire Council Eden Skatepark redevelopment ADDRESS: Aslings Beach Road Eden, NSW 2551

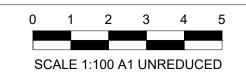
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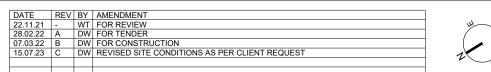










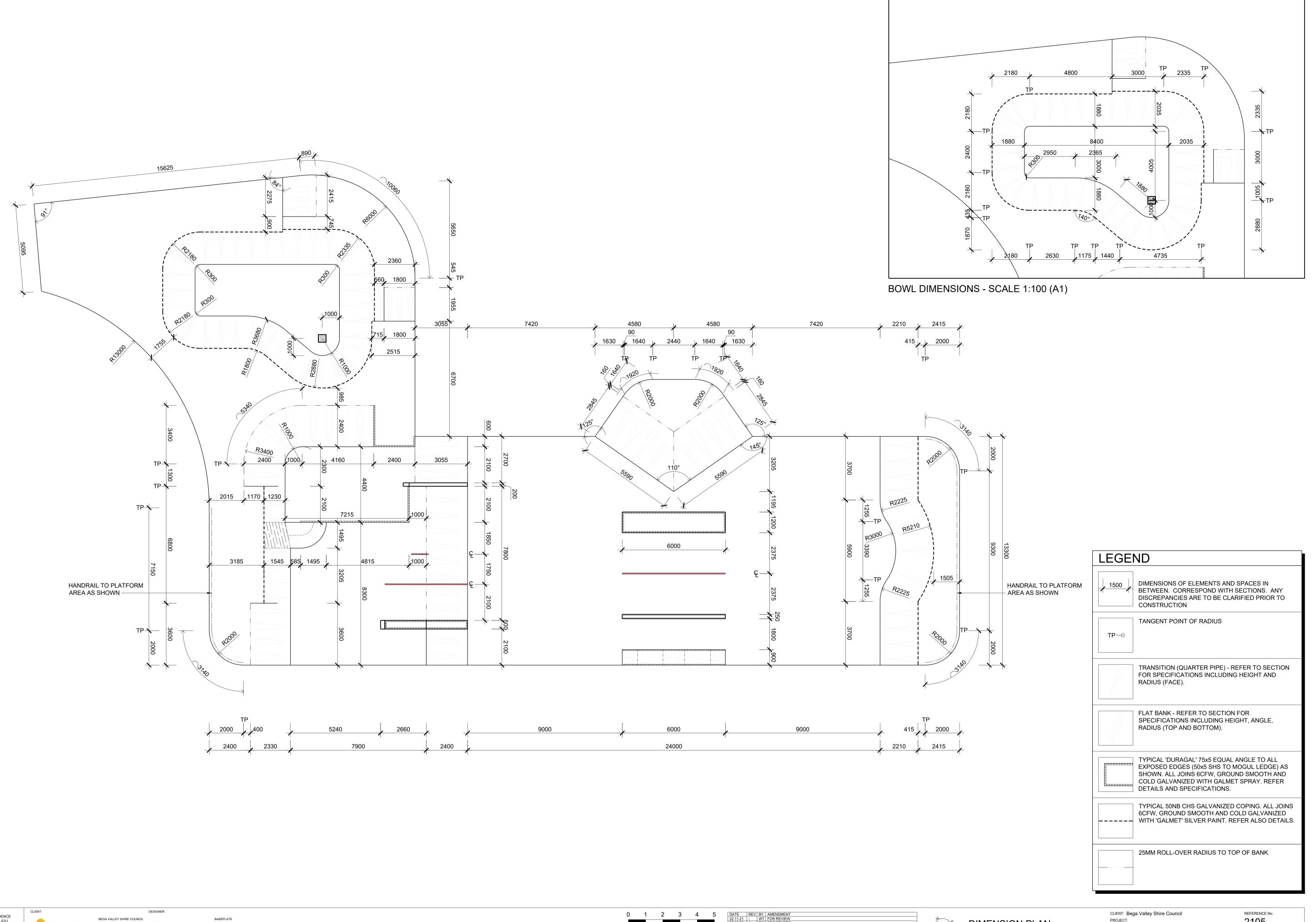




CLIENT: Bega Valley Shire Council SURFACE TREATMENT PLAN ADDRESS: Aslings Beach Road Eden, NSW 2551

Eden Skatepark redevelopment

REFERENCE No: 2105 SHEET REF: REVISION: CD07 В

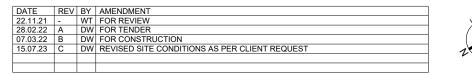


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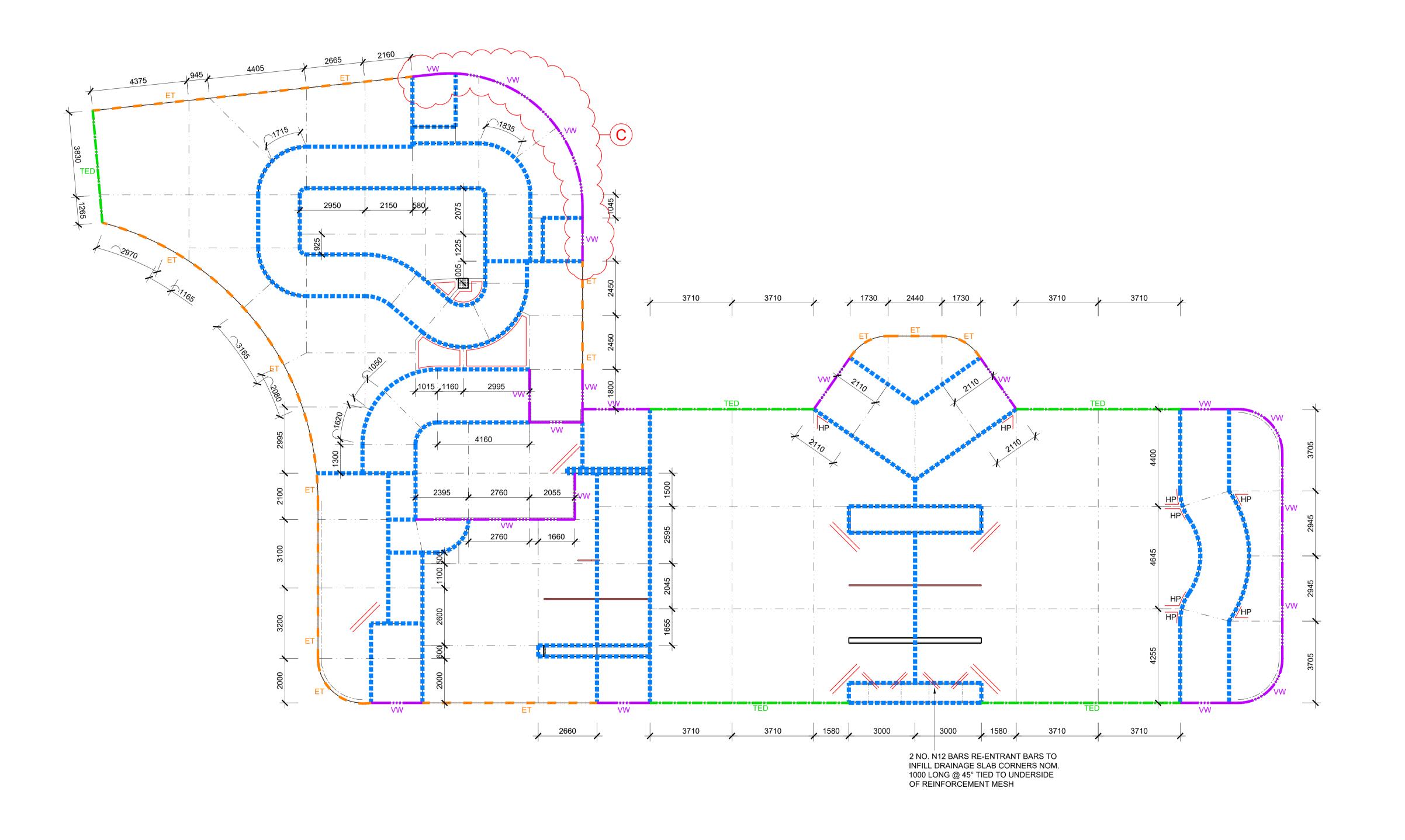


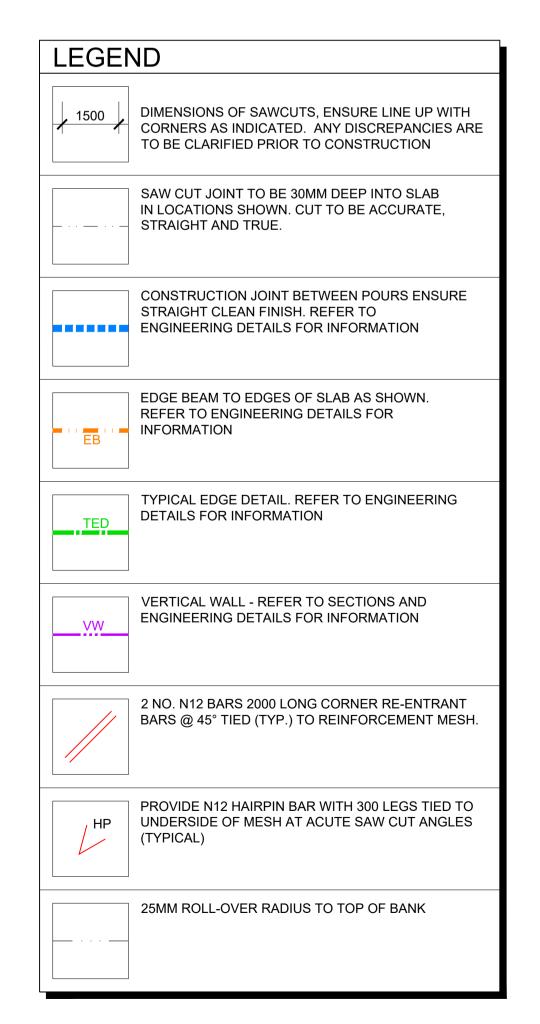
DIMENSION PLAN

Eden Skatepark redevelopment

ADDRESS: Aslings Beach Road
Eden, NSW 2551

2105 SHEET REF: REVISION: CD08 B

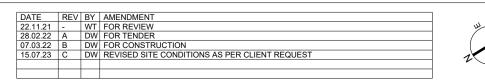










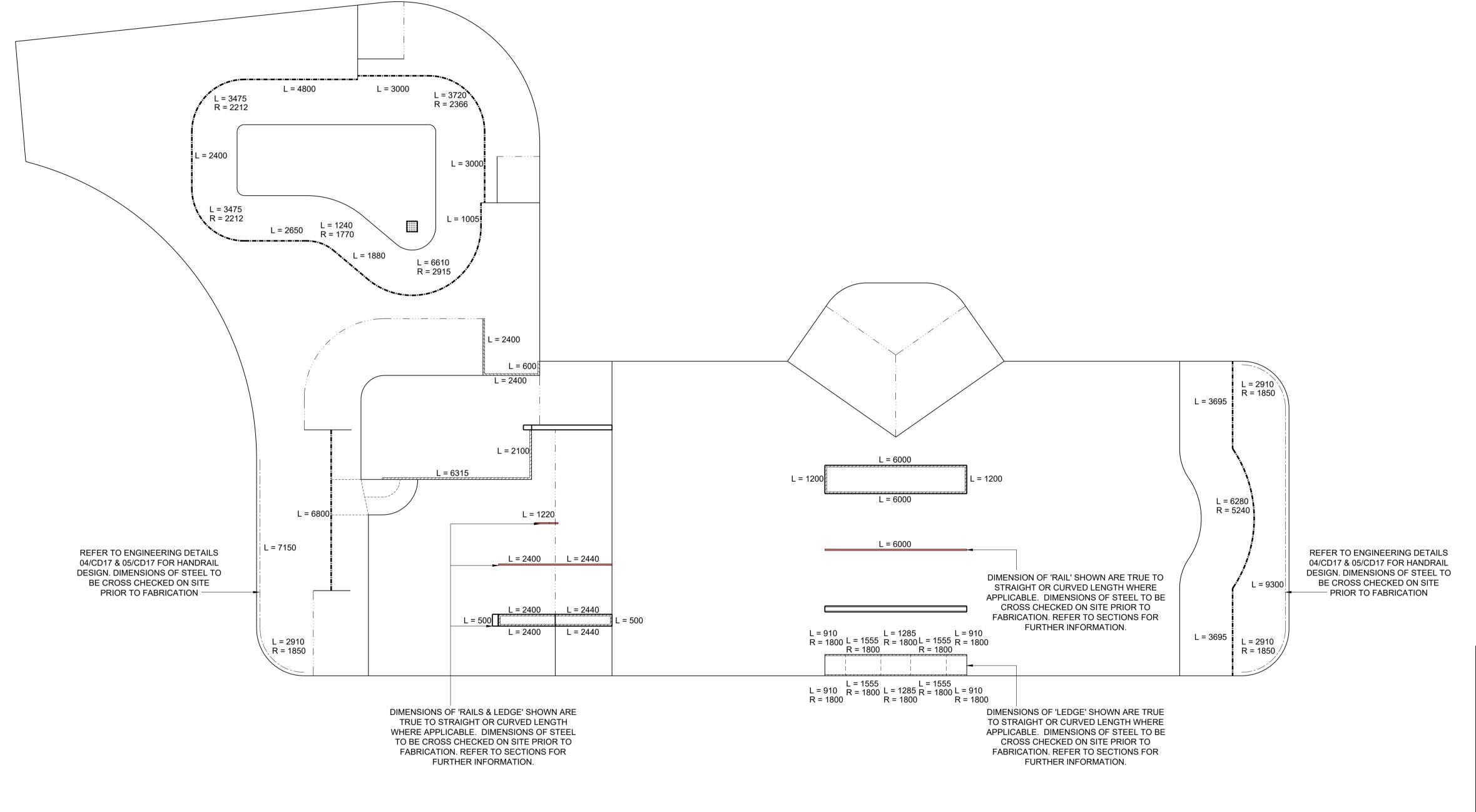


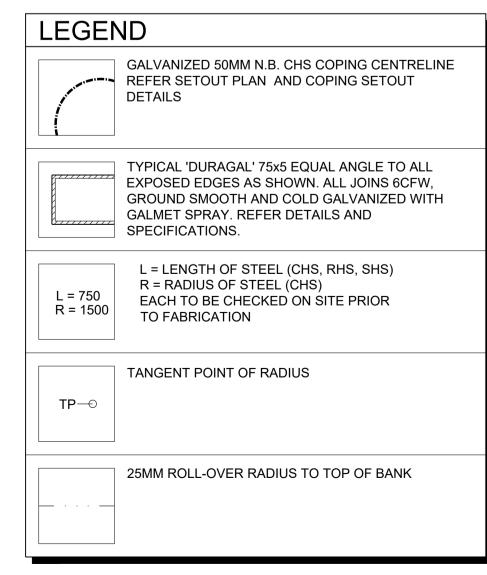


CLIENT: Bega Valley Shire Council Eden Skatepark redevelopment

ADDRESS: Aslings Beach Road
Eden, NSW 2551

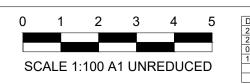
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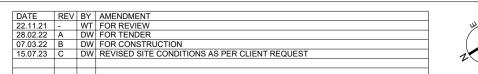




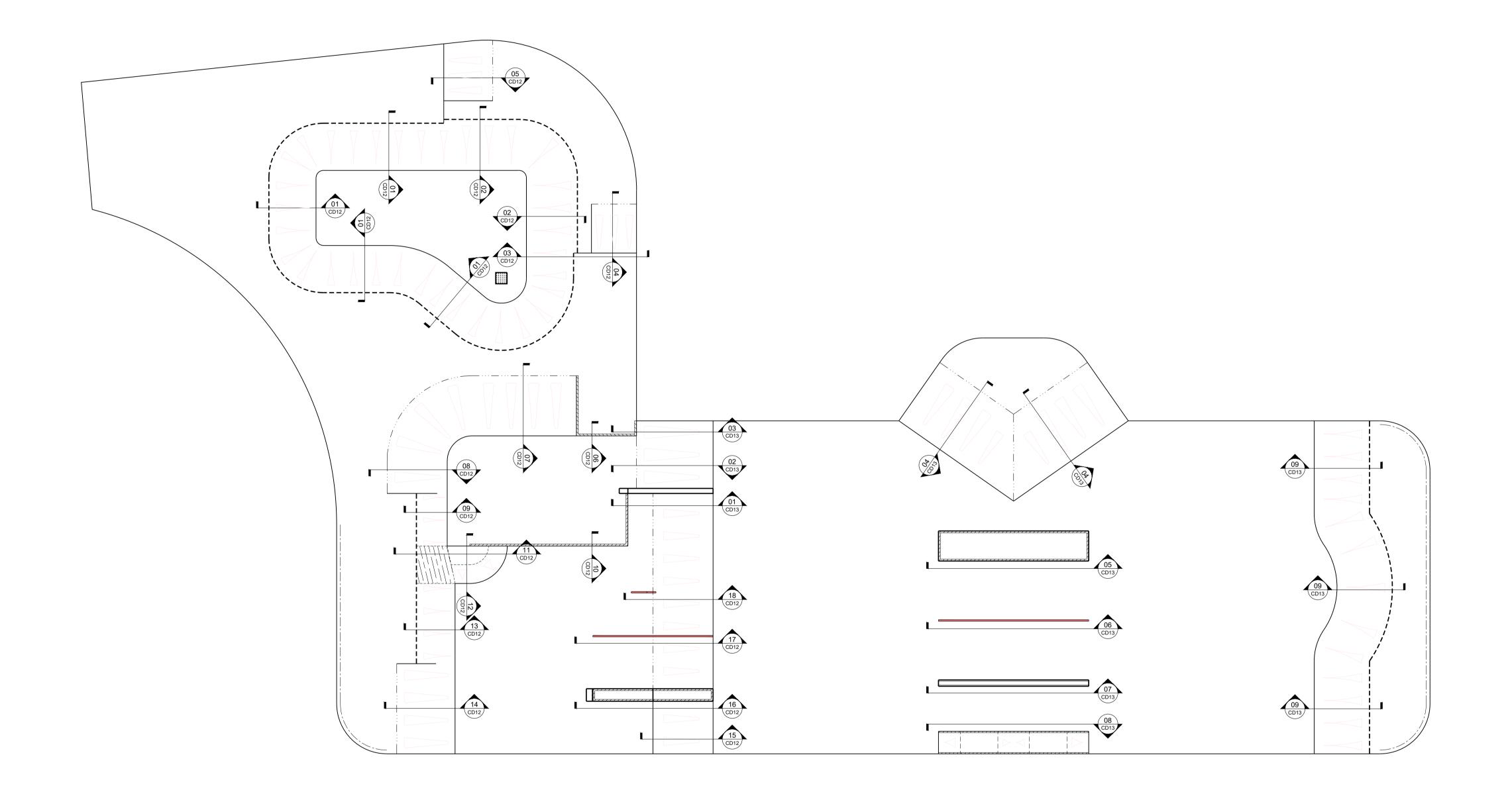


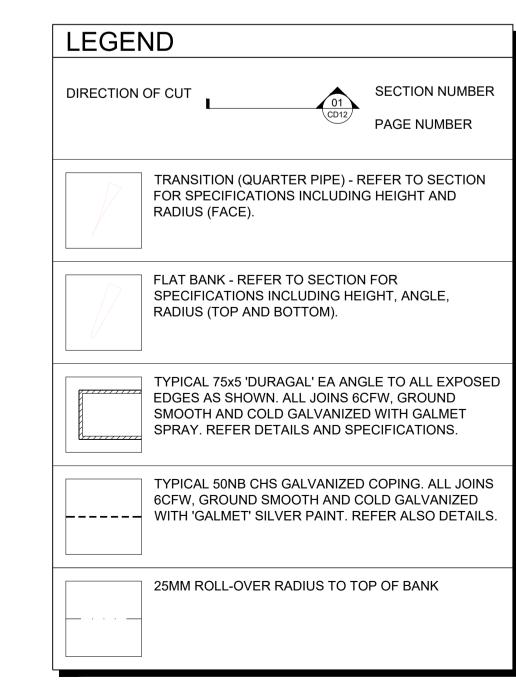






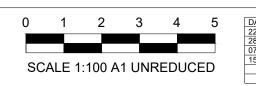
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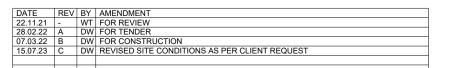






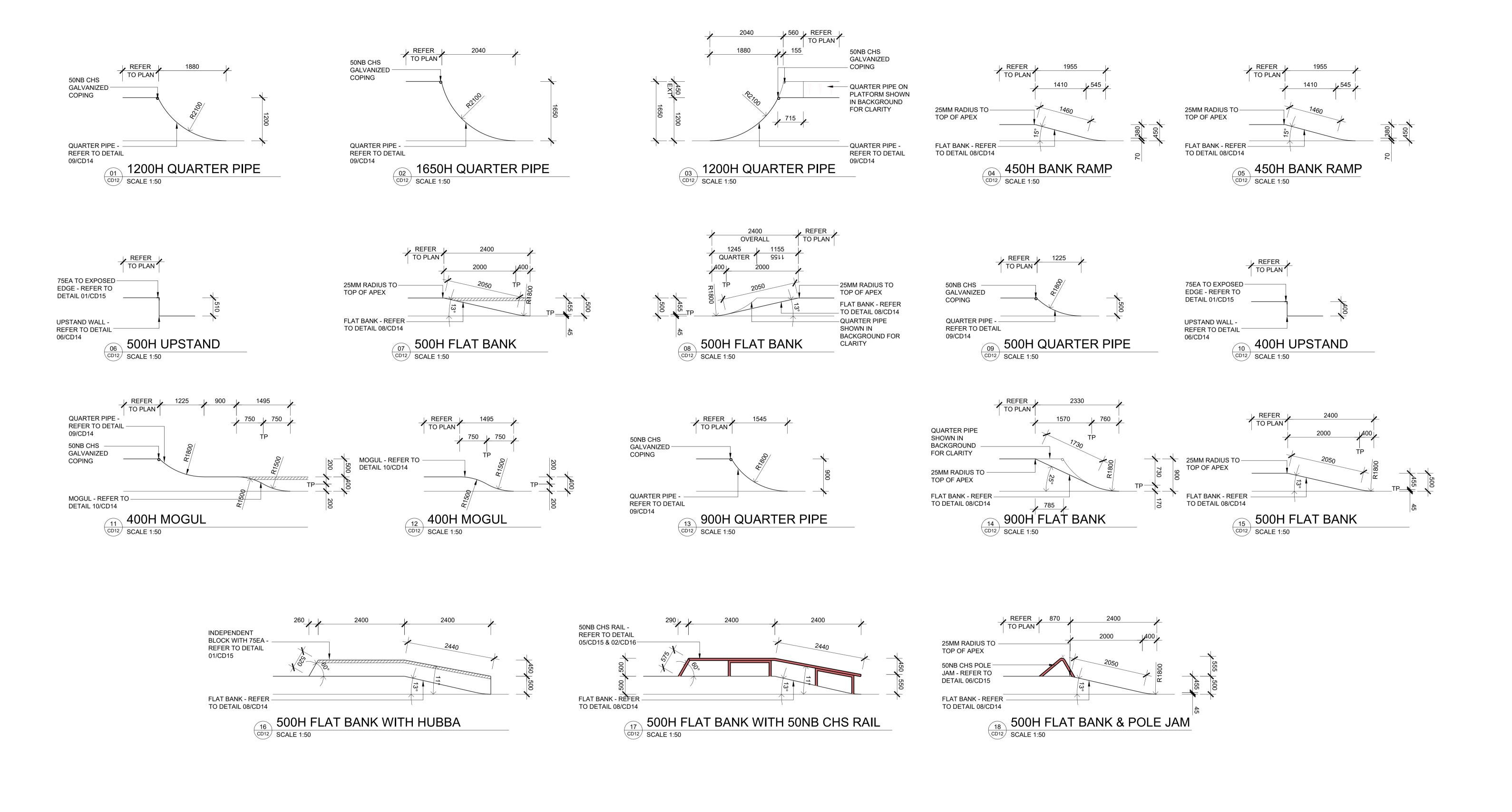






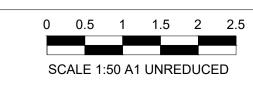


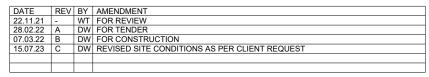
SECTION TAB PLAN
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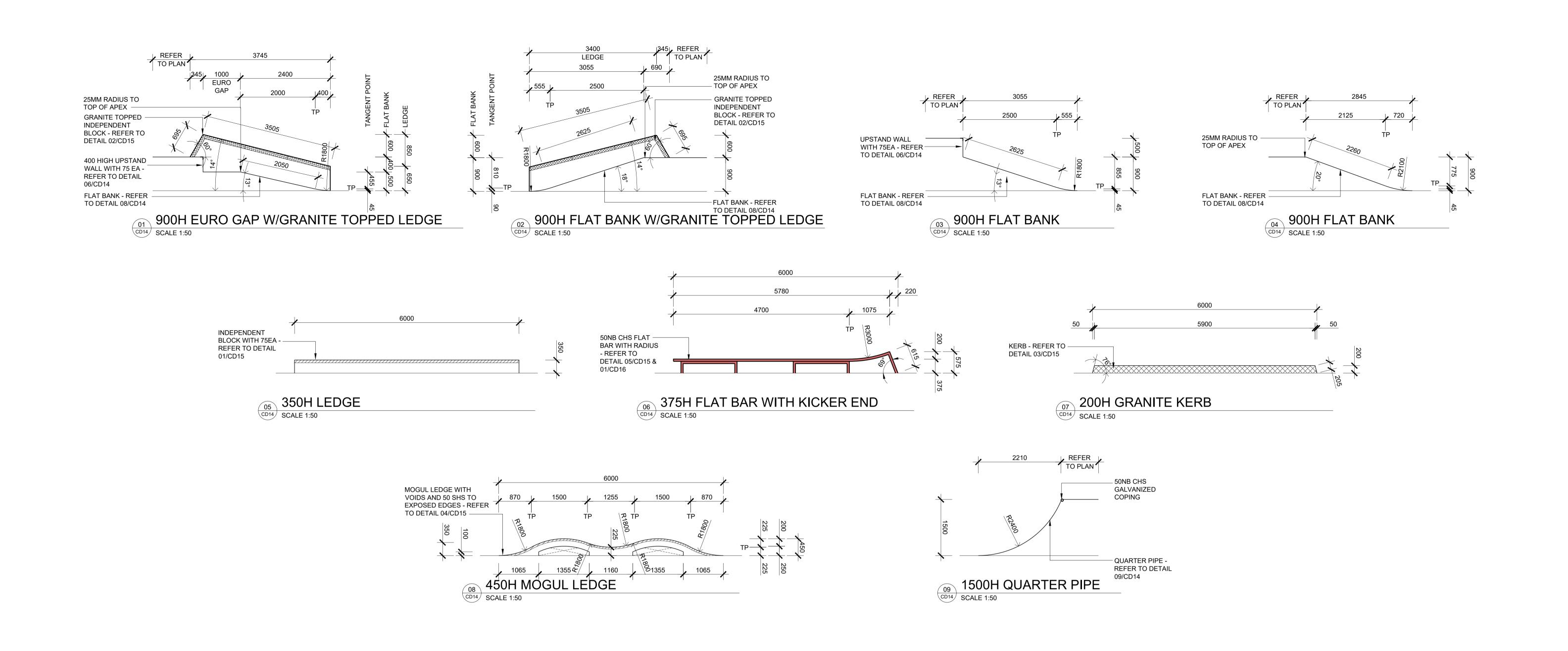




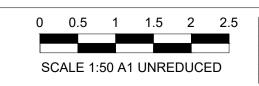


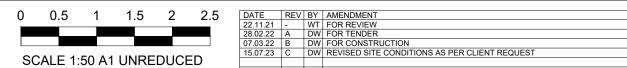


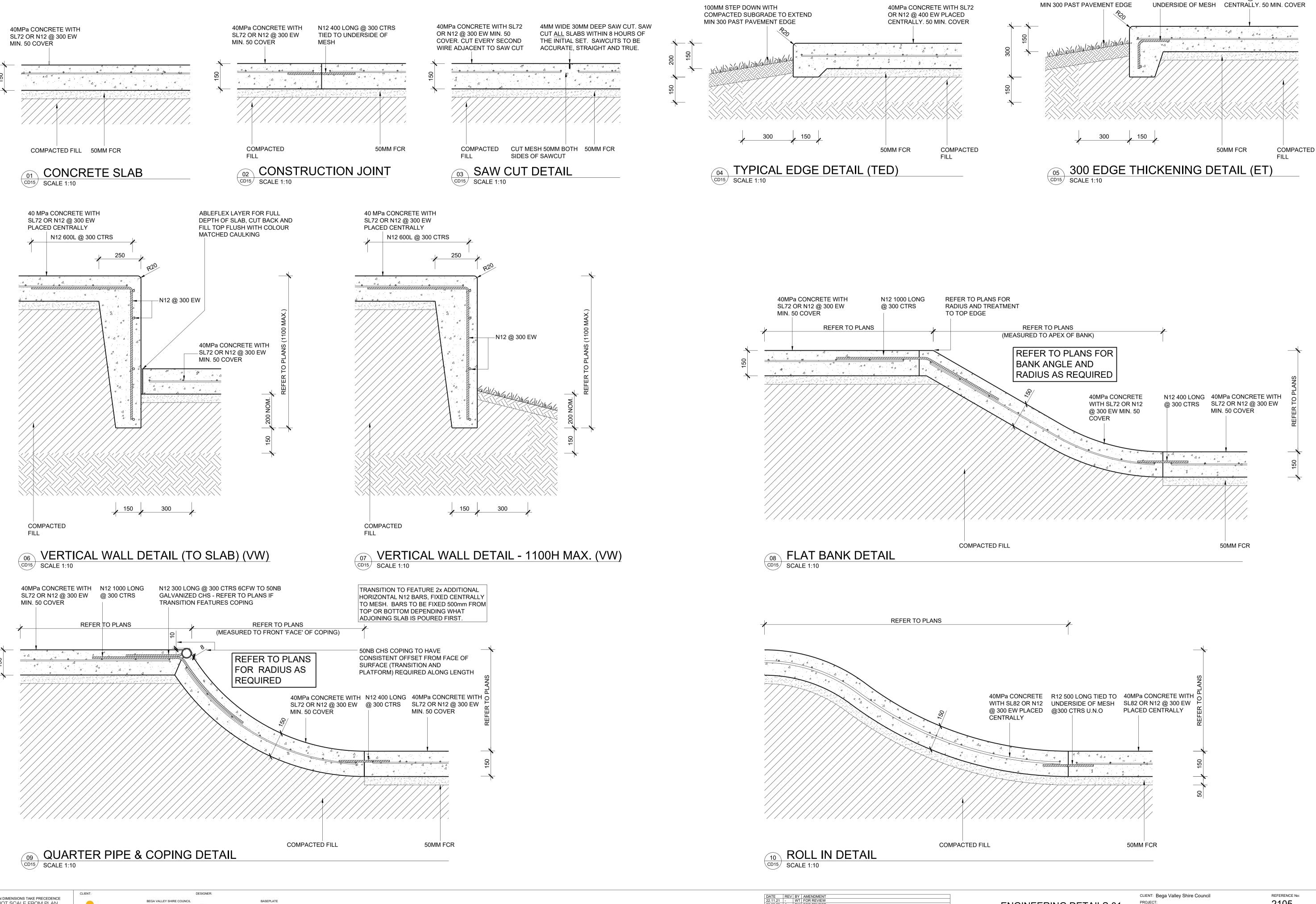












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ENGINEERING DETAILS 01
SCALE AS SHOWN @ A1

PROJECT:
Eden Skatepark rede
ADDRESS: Aslings Beach Road
Eden, NSW 2551

100MM STEP DOWN WITH

COMPACTED SUBGRADE TO EXTEND CTRS TIED TO

N12 400 LONG @ 400 40MPa CONCRETE WITH SL72

OR N12 @ 400 EW PLACED

CLIENT: Bega Valley Shire Council

PROJECT:

Eden Skatepark redevelopment

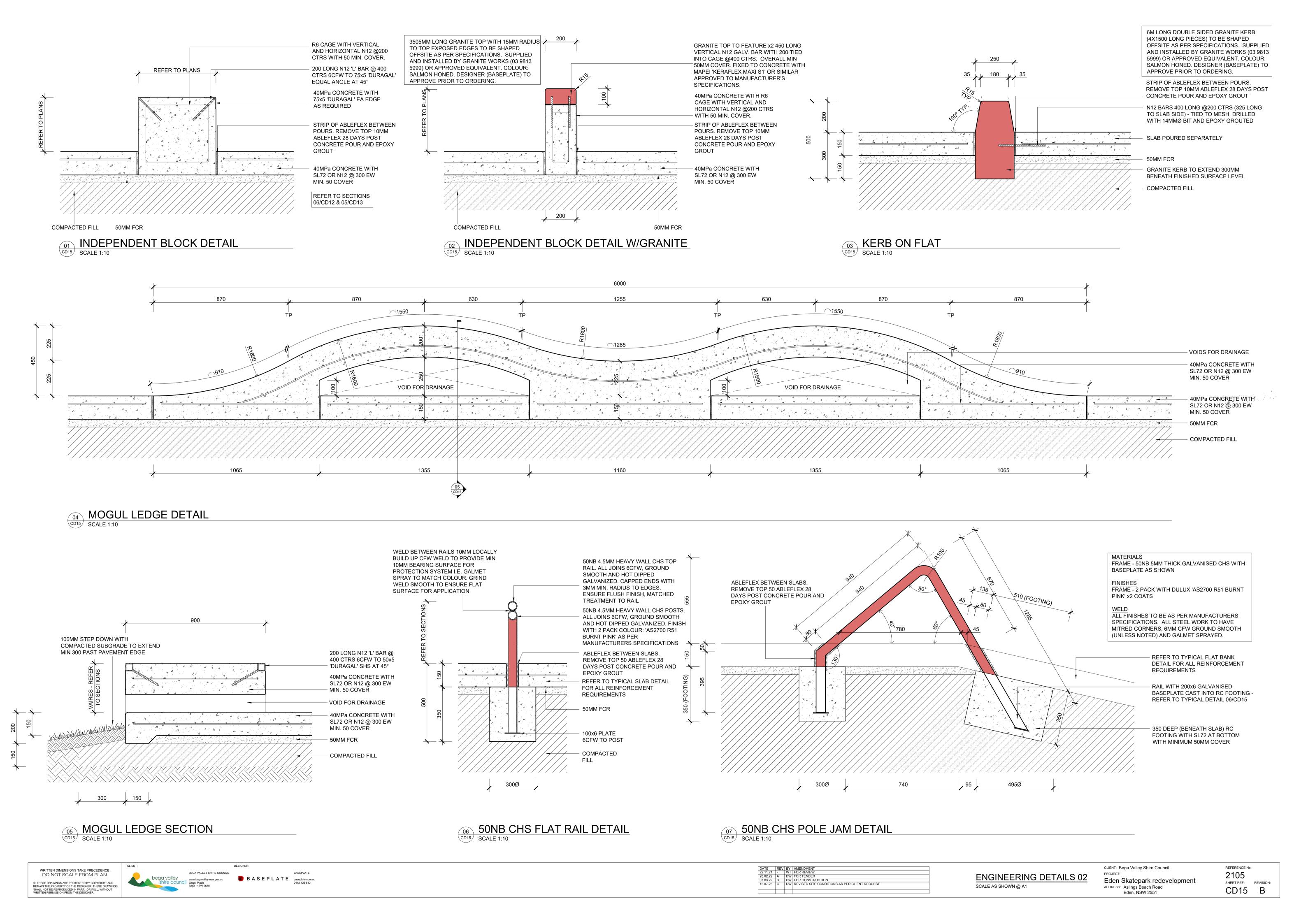
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Eden, NSW 2551

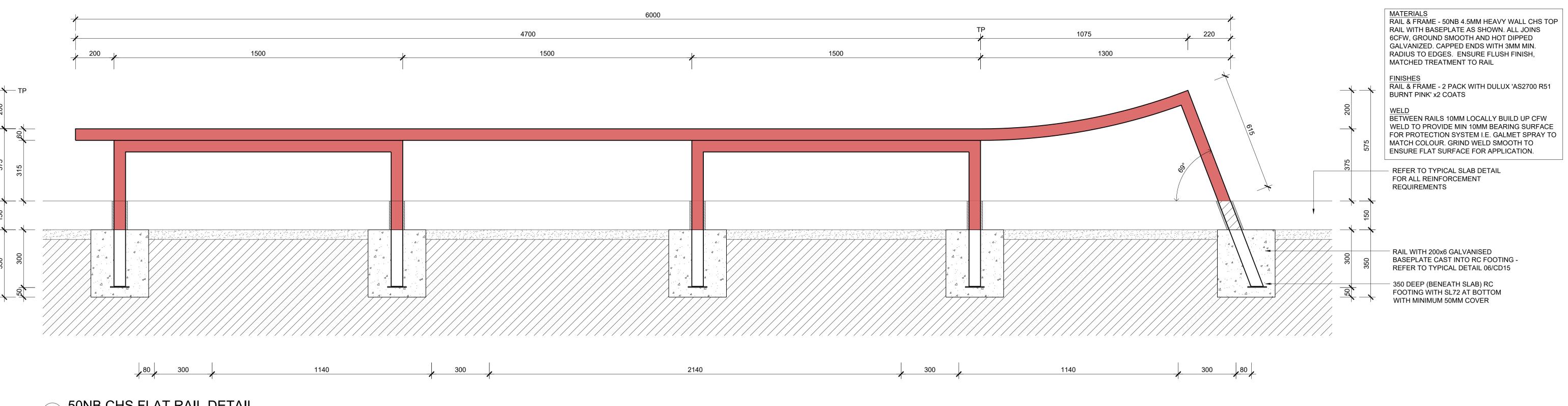
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SHEET REF: REVISION:

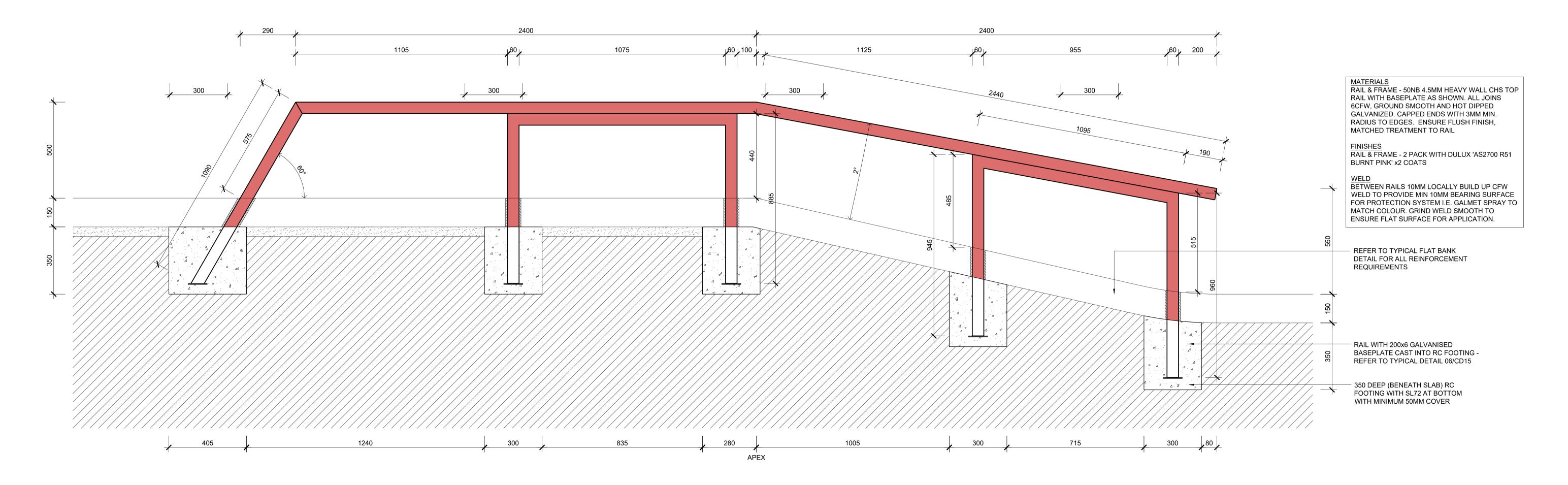
CD14

B





50NB CHS FLAT RAIL DETAIL

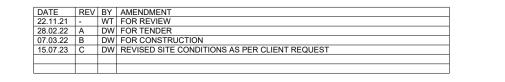


50NB CHS DOWN RAIL DETAIL 02 50NB C CD16 SCALE 1:10

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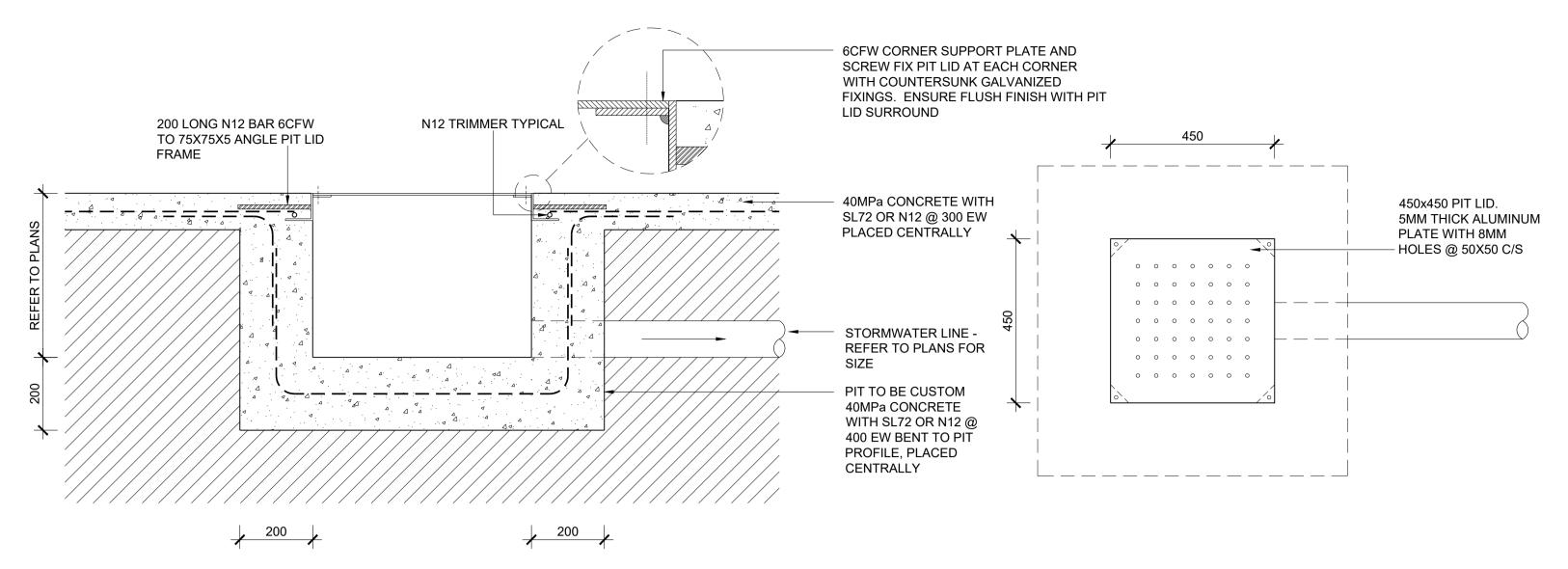




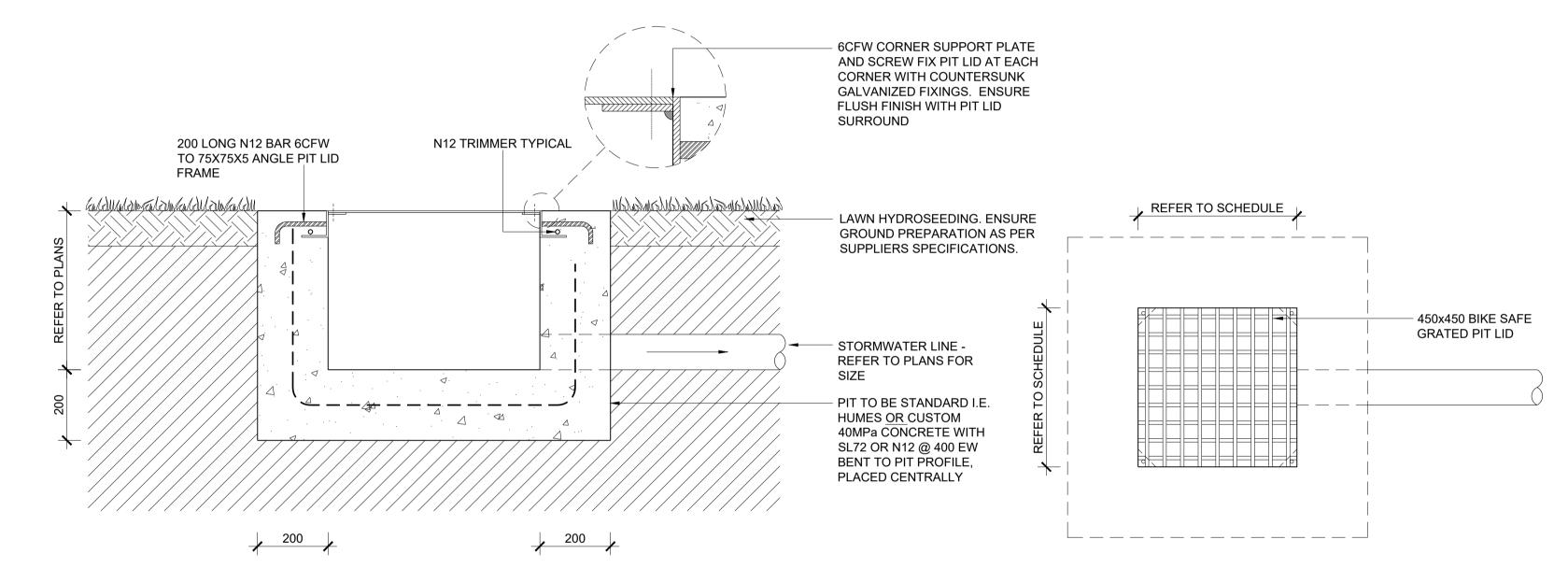


CLIENT: Bega Valley Shire Council **ENGINEERING DETAILS 03** SCALE AS SHOWN @ A1 ADDRESS: Aslings Beach Road

REFERENCE No: 2105 Eden Skatepark redevelopment SHEET REF: REVISION: CD16 B Eden, NSW 2551



TYPICAL SKATEPARK PIT LID



TYPICAL GRATED PIT LID SCALE 1:10

LAWN HYDROSEEDING. ENSURE GROUND PREPARATION AS PER SUPPLIERS SPECIFICATIONS. 20MM DRAINAGE SCORIA BIDUM U24 GEOFABRIC MEMBRANE TO LINE TRENCH UPVC CLASS 400 CORRUGATED AND PERFORATED AG PIPE DRAIN IN BIDUM U24 GEOFABRIC SOCK, PLACED CENTRALLY 600

TYPICAL AGI PIPE PIT

www.begavalley.nsw.gov.au

BASEPLATE
baseplate.com.au
0412 126 512

1. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR HANDRAILS USING TYPICAL DIMENSIONS PROVIDED FOR APPROVAL. REFER MANUFACTURER'S SPECIFICATIONS FOR REINFORCING, ENGINEERING AND FIXING DETAILS. 2. ALL SHOP DRAWINGS TO BE BASED ON SITE MEASURE. 3. HANDRAIL TO FOLLOW BACK OF PLATFORM (INCLUDING CURVED SECTION) AS SHOWN ON PLANS AND TO BE 1000MM FROM GROUND LEVEL TO TOP OF HANDRAIL. 4. HANDRAIL AND POSTS TO BE IN ACCORDANCE WITH AS1428.1-2009. 5. ALL STEEL ELEMENTS AND FIXTURES FOR HANDRAILS TO BE STAINLESS STEEL OR APPROVED EQUIVALENT.

TYPICAL HANDRAIL DETAIL

STAINLESS STEEL CHS HANDRAIL WITH ROUND BASE PLATE AND COVER. PRODUCT CODE 63241 SUPPLIED BY KEBLE'S TRADING PH 1800 067 687 OR APPROVED **EQUIVALENT. REFER MANUFACTURER'S** SPECIFICATIONS FOR REINFORCING, - ENGINEERING AND FIXING DETAILS.

<u>PLAN</u>

SECTION

STAINLESS STEEL CHS HANDRAIL WITH ROUND BASE PLATE AND COVER. PRODUCT CODE 63241 SUPPLIED BY KEBLE'S TRADING PH 1800 067 687 OR APPROVED **EQUIVALENT. REFER MANUFACTURER'S** SPECIFICATIONS FOR REINFORCING. ENGINEERING AND FIXING DETAILS.

HANDRAIL POST FIXING DETAILS SCALE 1:5

> **ENGINEERING DETAILS 04** SCALE AS SHOWN @ A1

CLIENT: Bega Valley Shire Council Eden Skatepark redevelopment ADDRESS: Aslings Beach Road Eden, NSW 2551

SINGLE INLINE STAINLESS STEEL

SITE MEASURE & PROVIDE SHOP

HANDRAIL OR APPROVED EQUIVALENT.

DRAWINGS FOR APPROVAL PRIOR TO

SPECIFICATIONS FOR REINFORCING,

ENGINEERING AND FIXING DETAILS.

FABRICATION. REFER MANUFACTURER'S

REFERENCE No: 2105 SHEET REF: REVISION: CD17 В