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TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT

SOUTH ENTRANCE

PROJECT NO. 604

ISSUED FOR TENDER DEC. 23, 2016

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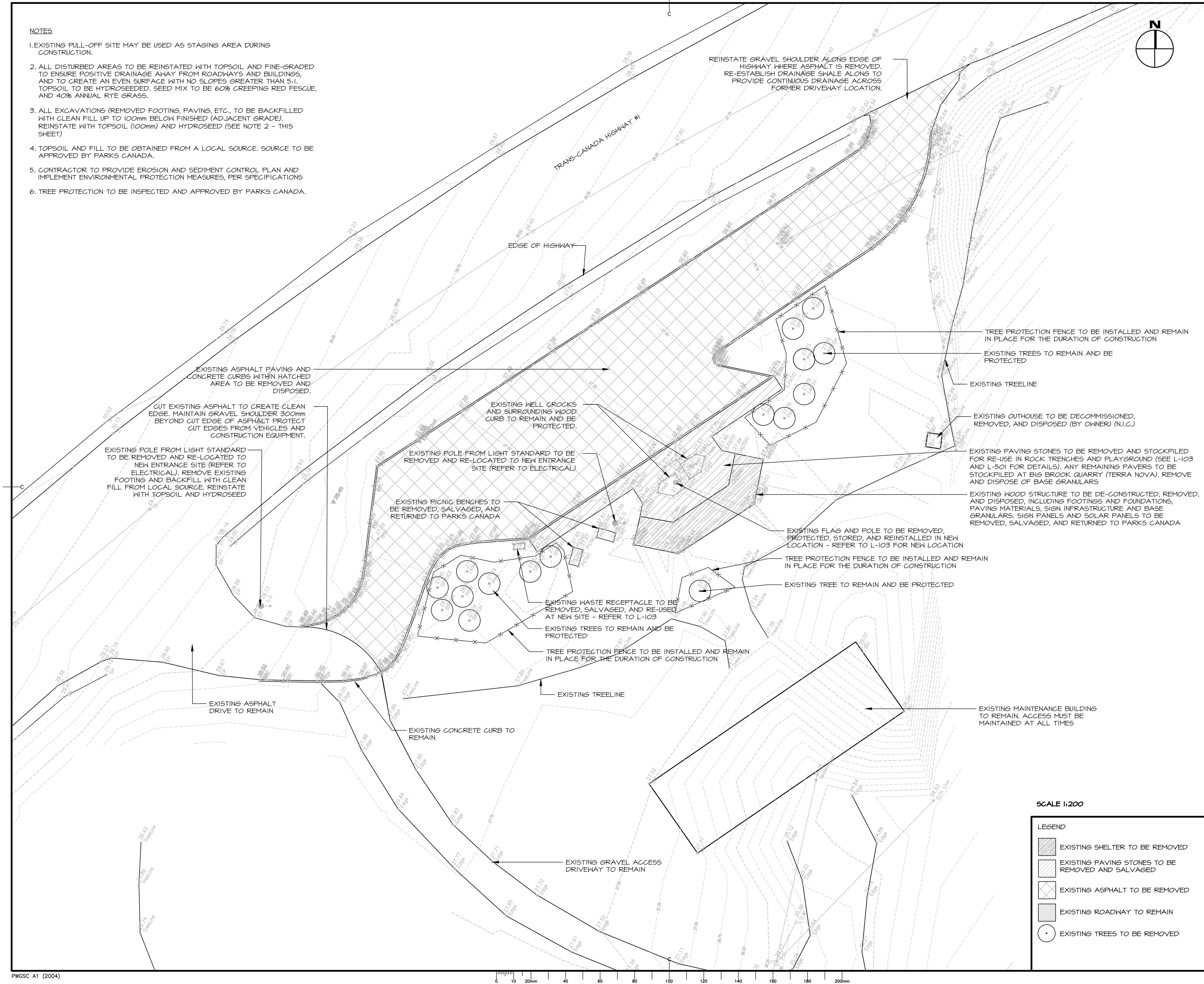
ELECTRICAL

E-101 ELECTRICAL LAYOUTS AND DETAILS
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E-102 ELECTRICAL DETAILS

Canada

NOTES

1. EXISTING PULL-OFF SITE MAY BE USED AS STAGING AREA DURING CONSTRUCTION.
2. ALL DISTURBED AREAS TO BE REINSTATED WITH TOPSOIL AND FINE-GRADED TO ENSURE POSITIVE DRAINAGE AWAY FROM ROADWAYS AND BUILDINGS, AND TO CREATE AN EVEN SURFACE WITH NO SLOPES GREATER THAN 5:1. TOPSOIL TO BE HYDROSEED. SEED MIX TO BE 60% CREEPING RED FESCUE, AND 40% ANNUAL RYE GRASS.
3. ALL EXCAVATIONS (REMOVED FOOTING, PAVING, ETC., TO BE BACKFILLED WITH CLEAN FILL UP TO 100mm BELOW FINISHED (ADJACENT GRADE). REINSTATE WITH TOPSOIL (100mm) AND HYDROSEED (SEE NOTE 2 - THIS SHEET)
4. TOPSOIL AND FILL TO BE OBTAINED FROM A LOCAL SOURCE. SOURCE TO BE APPROVED BY PARKS CANADA.
5. CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROL PLAN AND IMPLEMENT ENVIRONMENTAL PROTECTION MEASURES, PER SPECIFICATIONS
6. TREE PROTECTION TO BE INSPECTED AND APPROVED BY PARKS CANADA.



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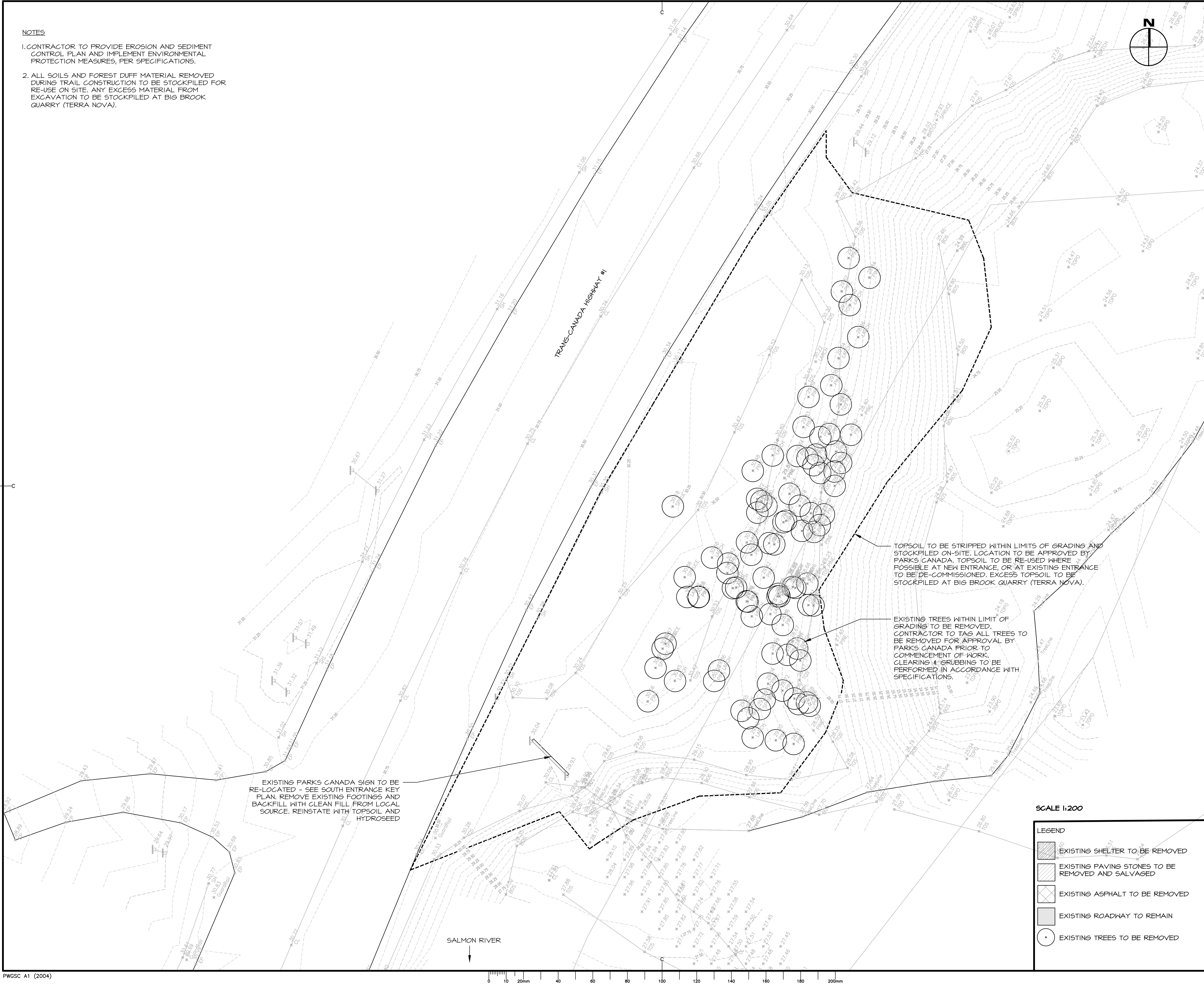
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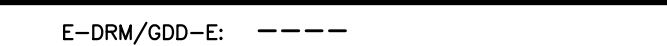
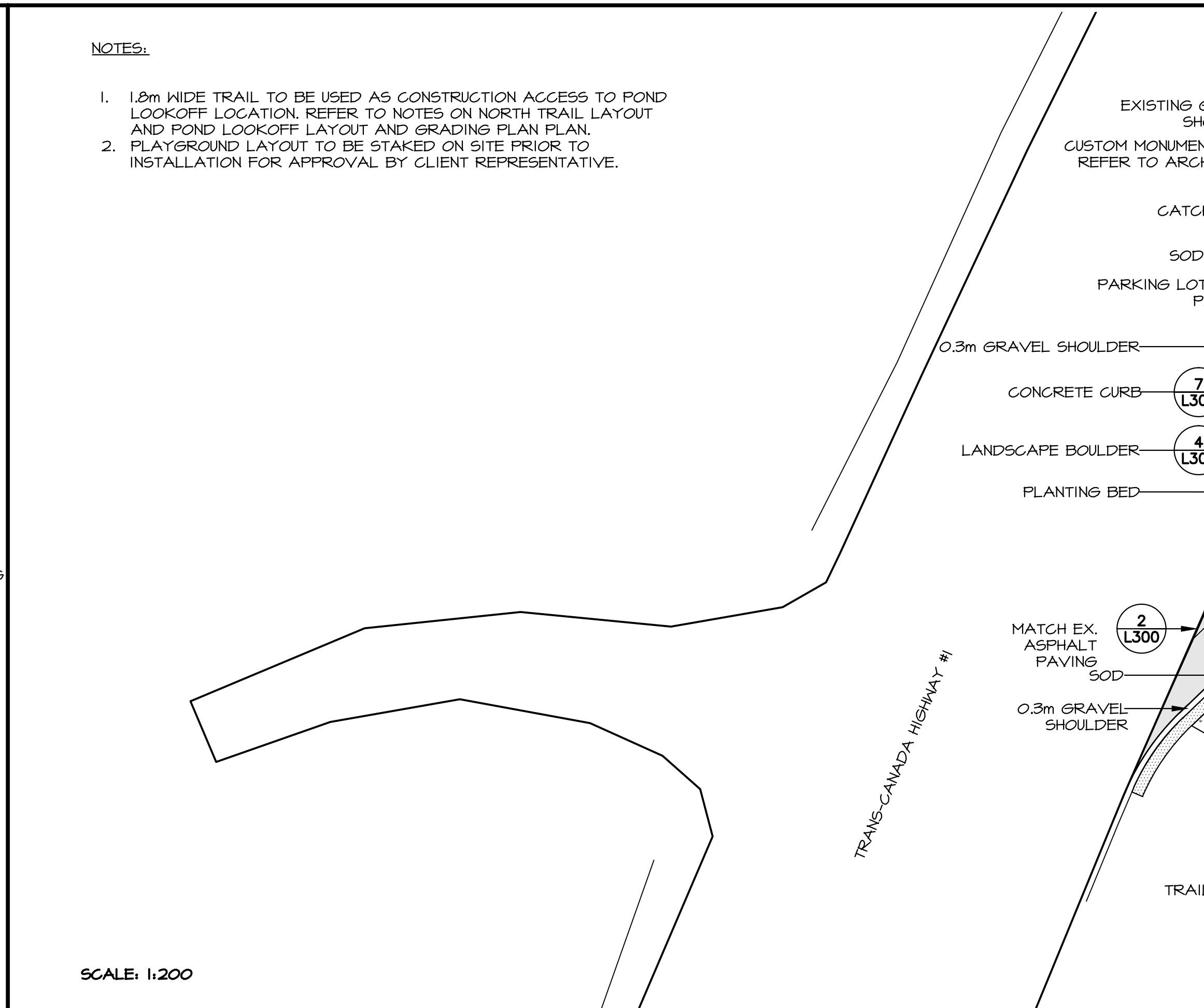
EXISTING SOUTH
ENTRANCE – EXISTING
CONDITIONS & REMOVALS

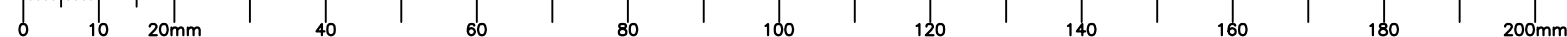
SCALE 1:200

LEGEND	
	EXISTING SHELTER TO BE REMOVED
	EXISTING PAVING STONES TO BE REMOVED AND SALVAGED
	EXISTING ASPHALT TO BE REMOVED
	EXISTING ROADWAY TO REMAIN
	EXISTING TREES TO BE REMOVED

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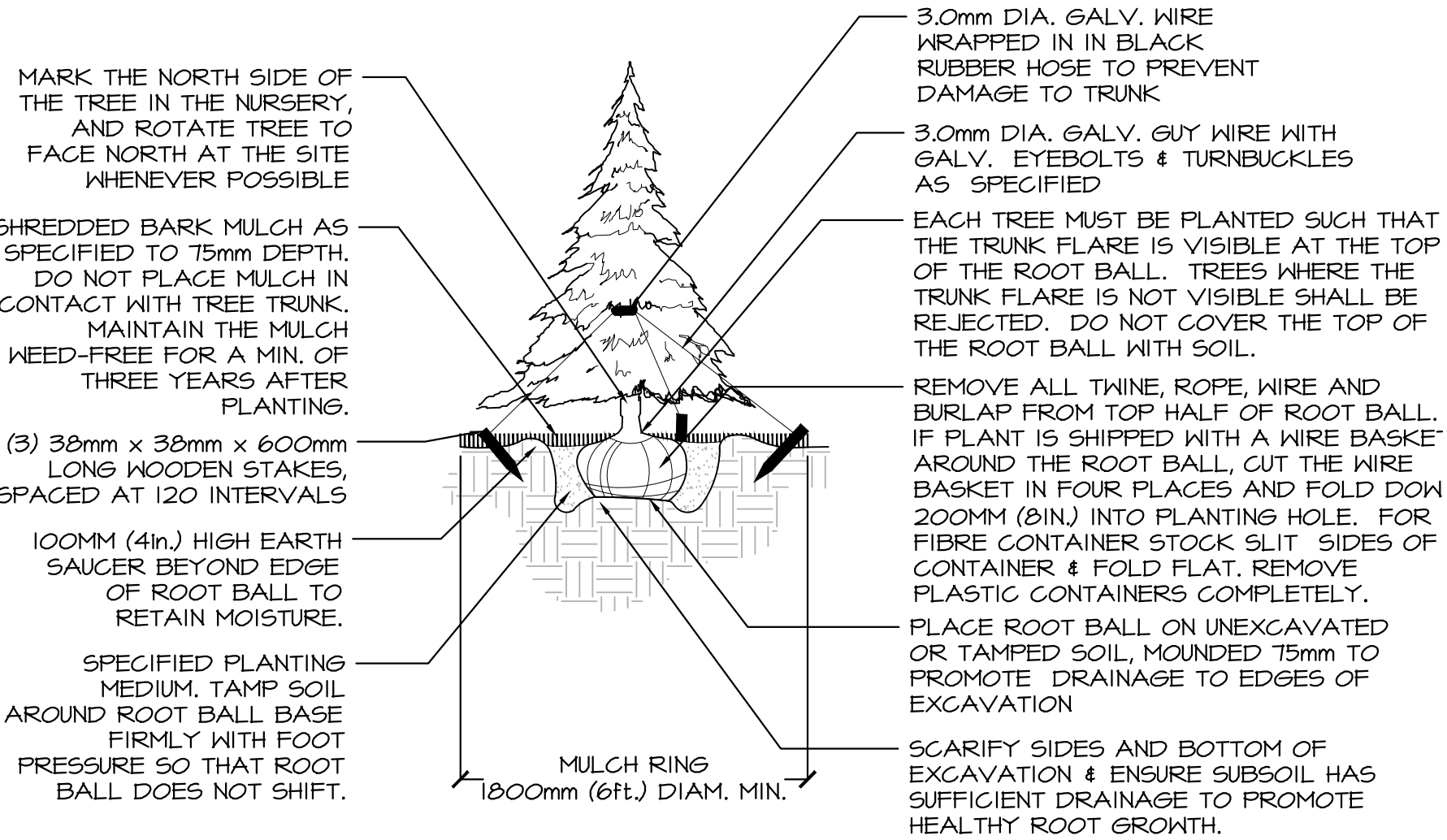
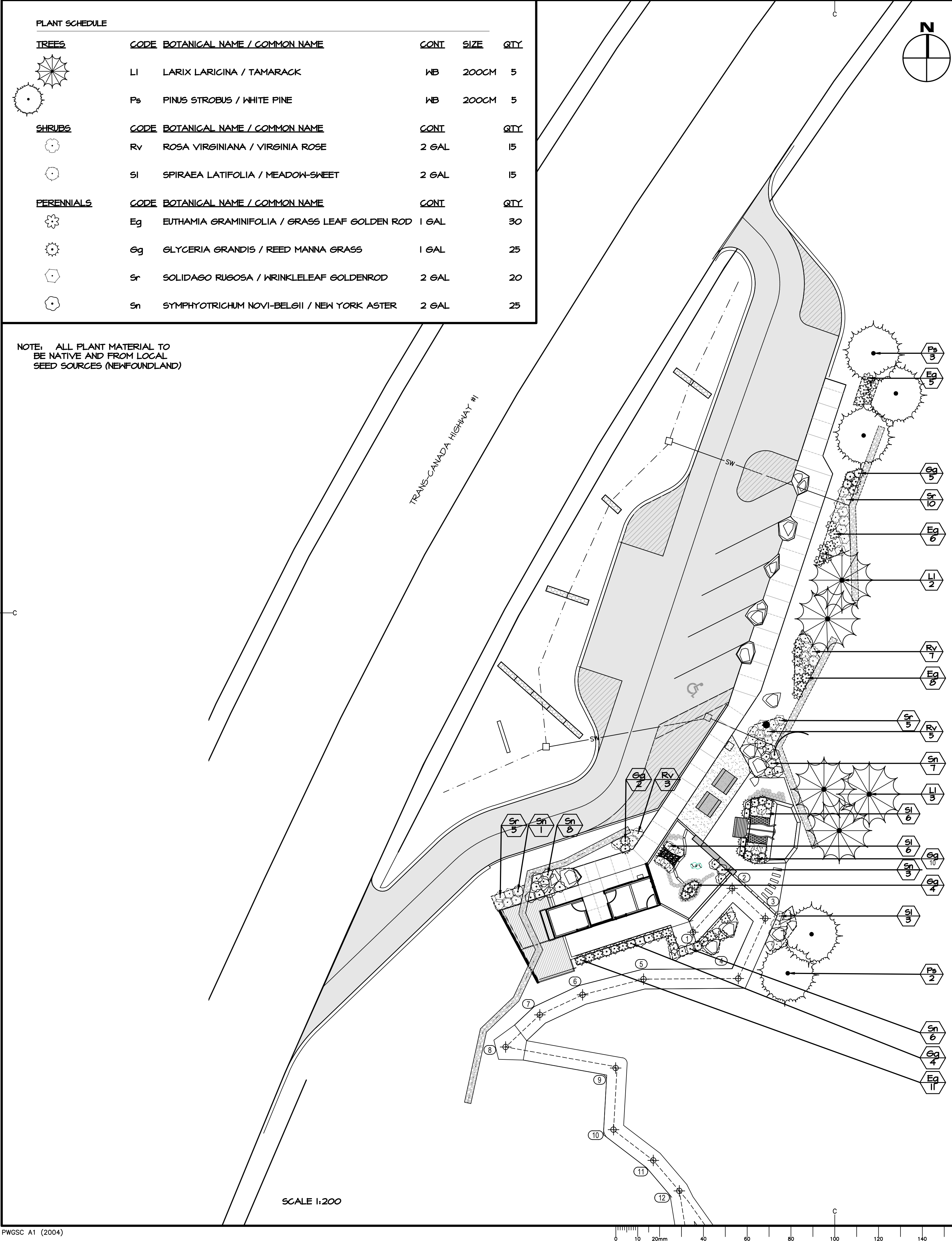


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SOUTH ENTRANCE —
GRADING PLAN

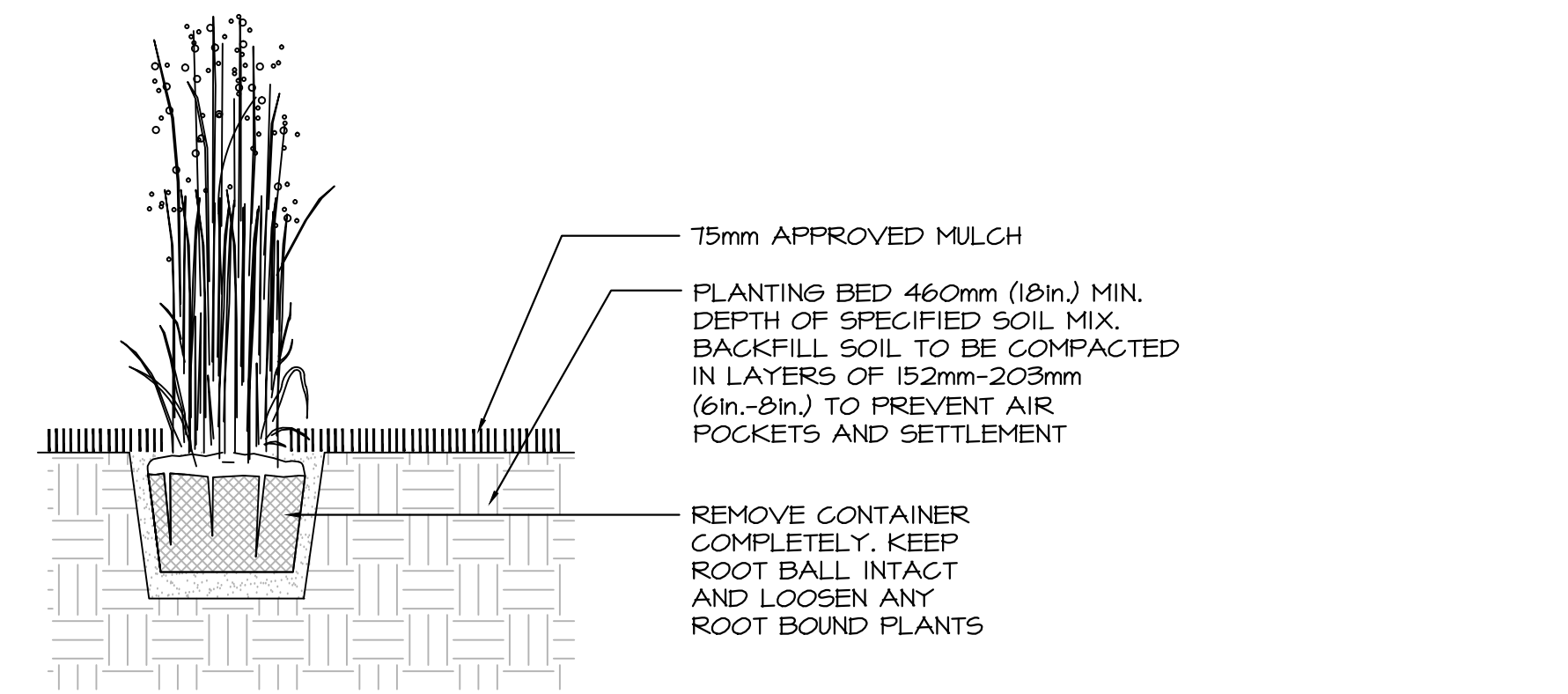
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PWGSC Project Manager	Administrateur de projets TPSCG	
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- NOTES:
- DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED. DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
 - STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
 - WATER AT TIME OF PLANTING AS NECESSARY TO MAINTAIN HEALTHY GROWING CONDITIONS.
 - SET TOP OF ROOT BALL FLUSH WITH GRADE OR 25-50mm (1-2in.) HIGHER IN SLOWLY DRAINING SOILS.

1 CONIFEROUS TREE PLANTING

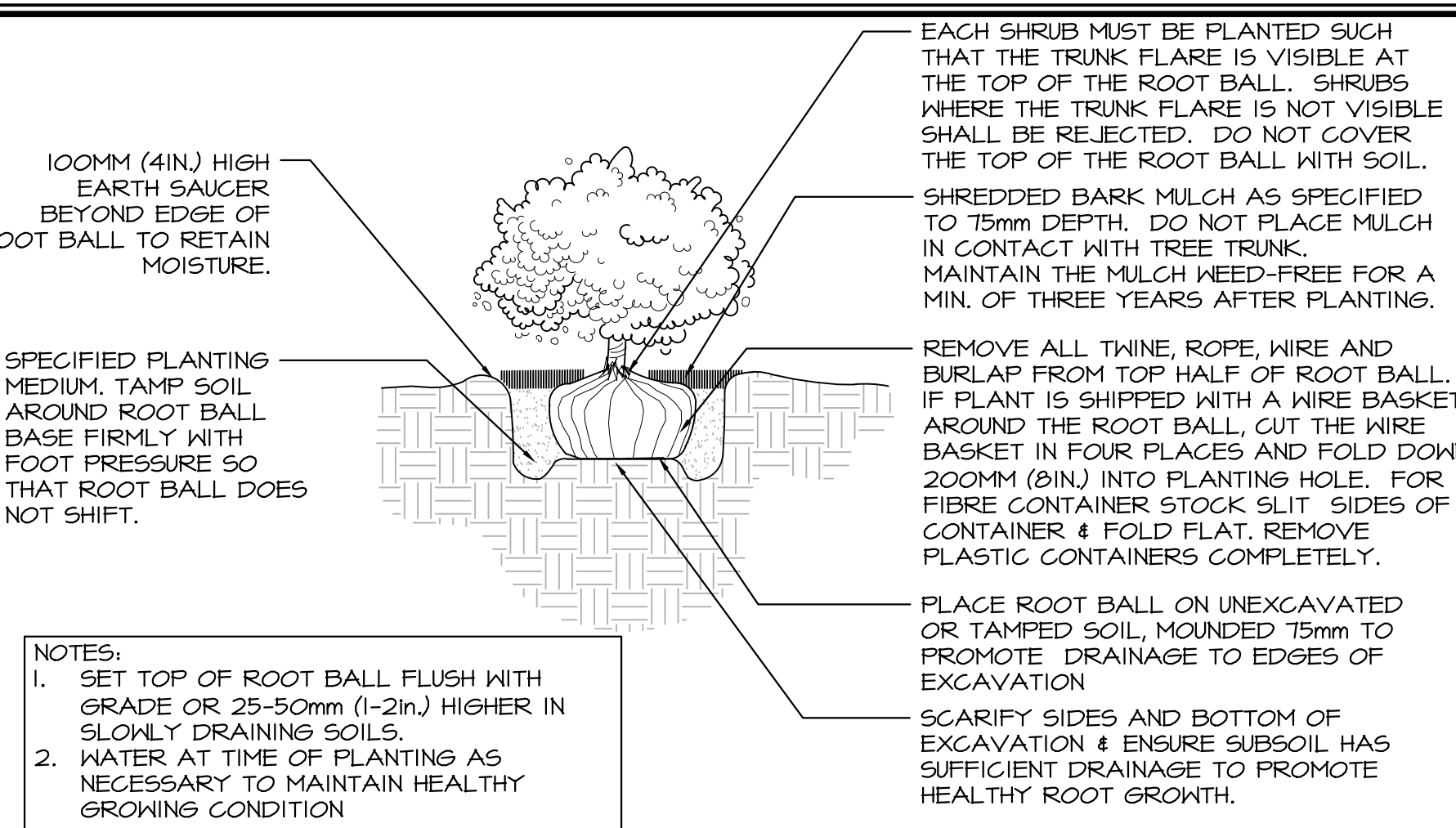
SCALE: 1:20



- NOTES:
- ALL PERENNIALS AND GRASSES TO BE PLANTED AT EQUAL TRIANGULAR SPACING UNLESS OTHERWISE INDICATED ON PLAN. REFER TO PLANTING PALETTE FOR PLANT SPACING.

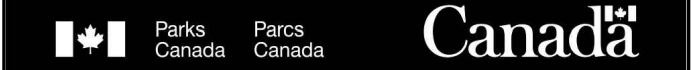
2 PERENNIAL PLANTING

SCALE: 1:20





3 SHRUB PLANTING DETAIL

SCALE: 1:20



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SANDRA COOKE

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PWGSC Project Manager

Administrateur de projets TPSCG

project number

no. du projet

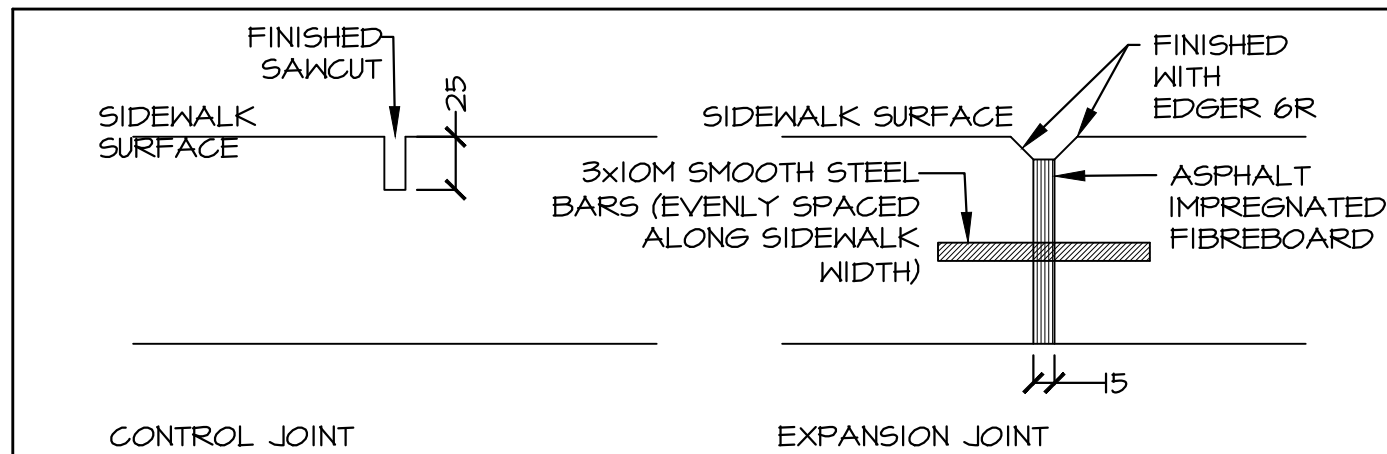
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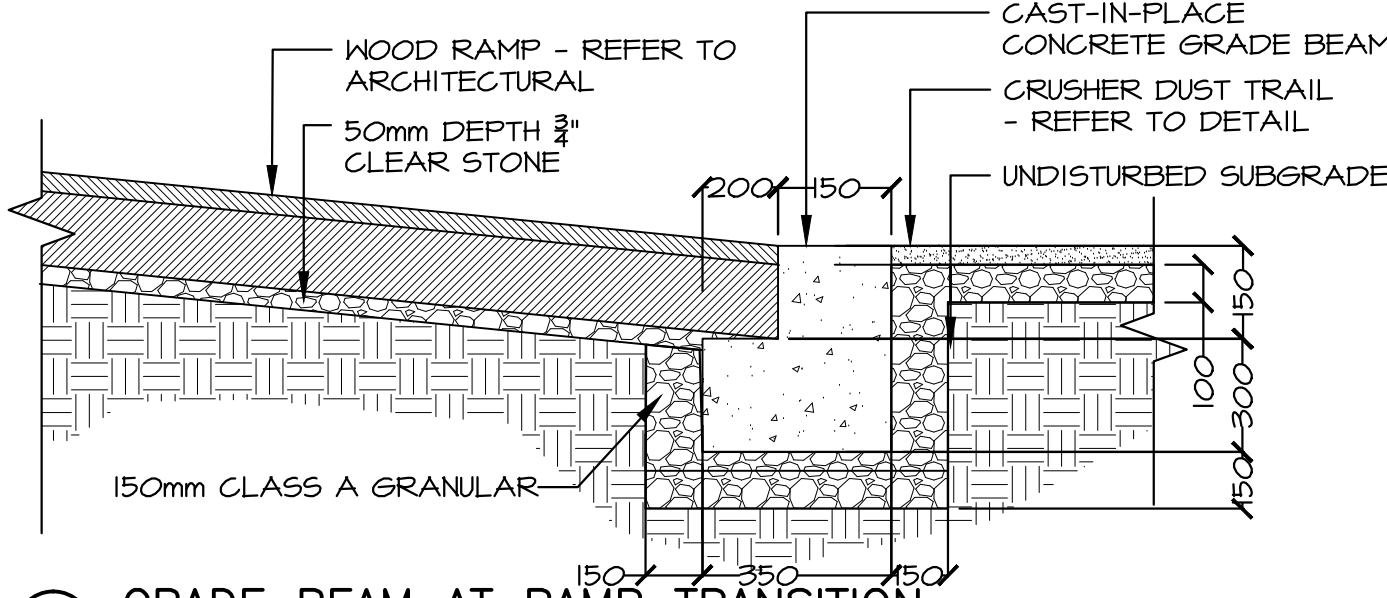
E-DRM/CDD-E: - - - -



- NOTES:
1. EXPANSION JOINTS TO BE SPACED EVERY 50m.
 2. CONTROL JOINTS TO BE SPACED EVERY 1.5m.
 3. GRAVEL BASE TO EXTEND 150mm BEYOND EDGE OF SIDEWALK CONCRETE.
 4. CONTROL JOINTS TO BE SAW CUT.
 5. EXPANSION JOINT BARS ARE TO BE GREASED ON ONE SIDE OF THE JOINT.
 6. DURING CONSECUTIVE POURS, THE END OF EACH POUR IS TO OCCUR AT AN EXPANSION JOINT.

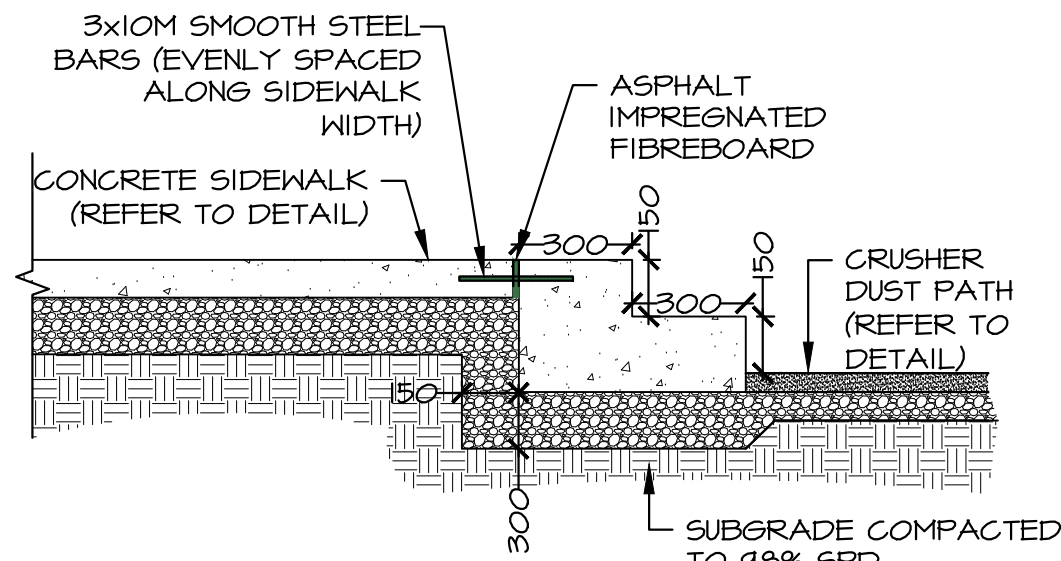
11 CONCRETE SIDEWALK JOINTS

SCALE: NTS



12 GRADE BEAM AT RAMP TRANSITION

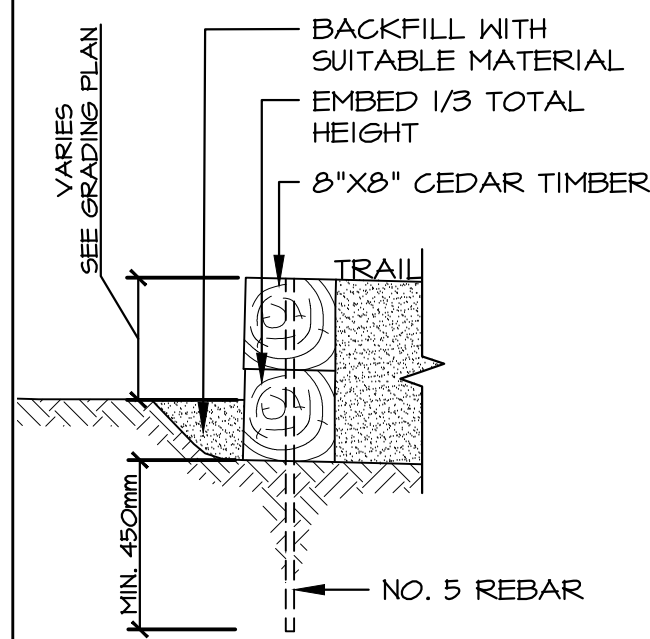
SCALE: 1:20



- NOTE:
1. REFER TO LAYOUT PLAN FOR SAWCUT AND JOINT LOCATIONS. SEE CONCRETE SIDEWALK JOINTS DETAILS.
 2. CONCRETE TO BE STRAIGHT BROOM FINISH (NO TROWEL EDGES)

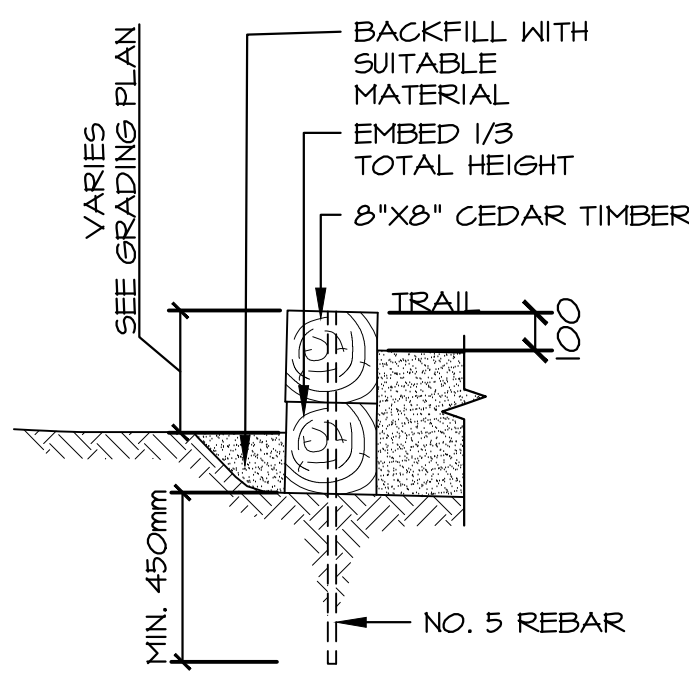
13 CONCRETE STEPS

SCALE: 1:20



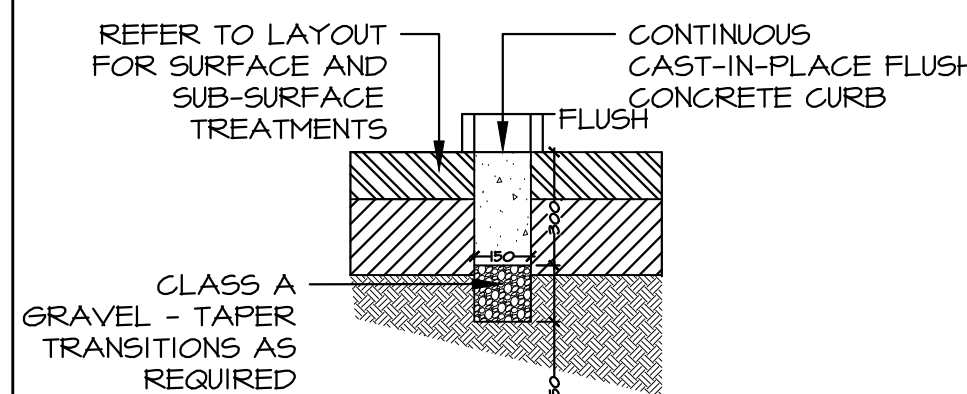
14 STACKED TIMBER RETAINER

SCALE: 1:20



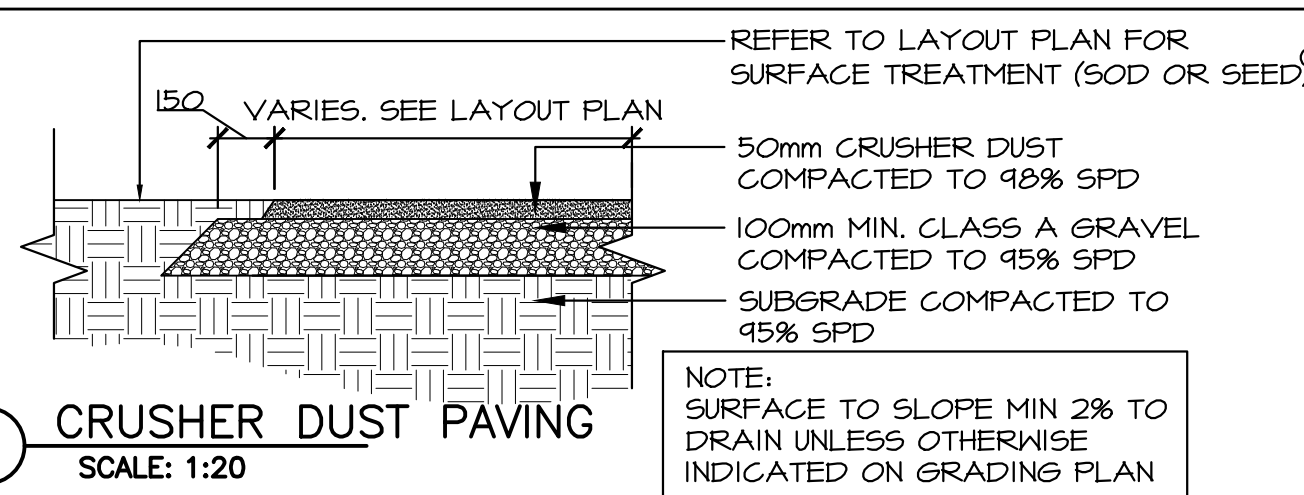
15 TIMBER EDGE GUARD

SCALE: 1:20



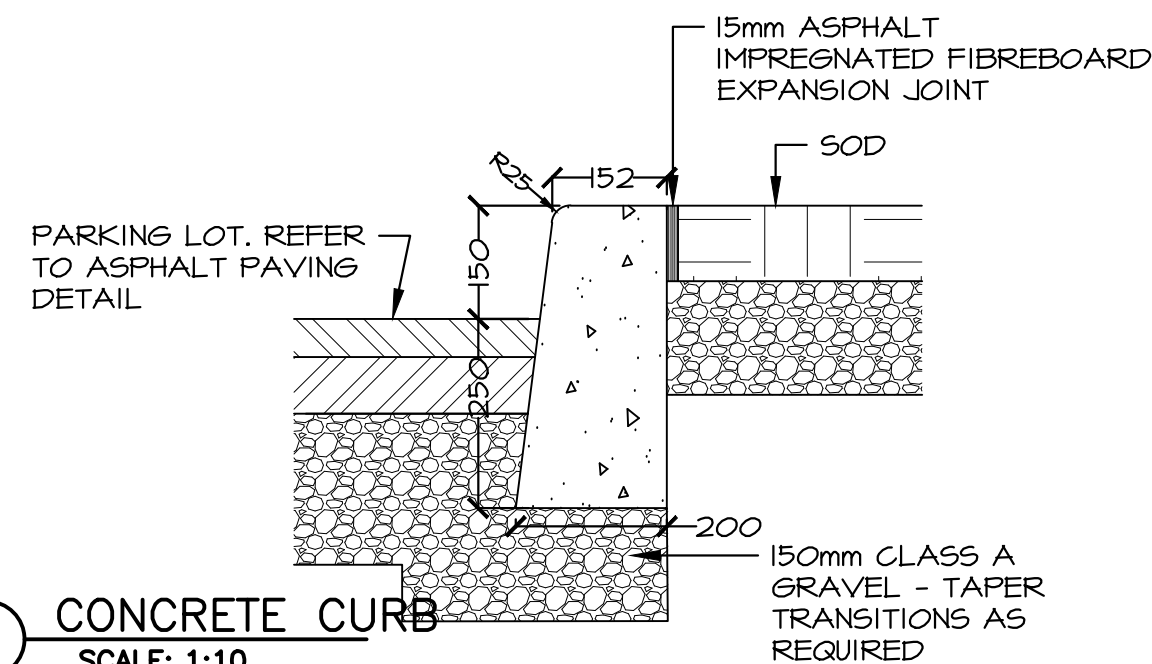
16 FLUSH CURB

SCALE: 1:20



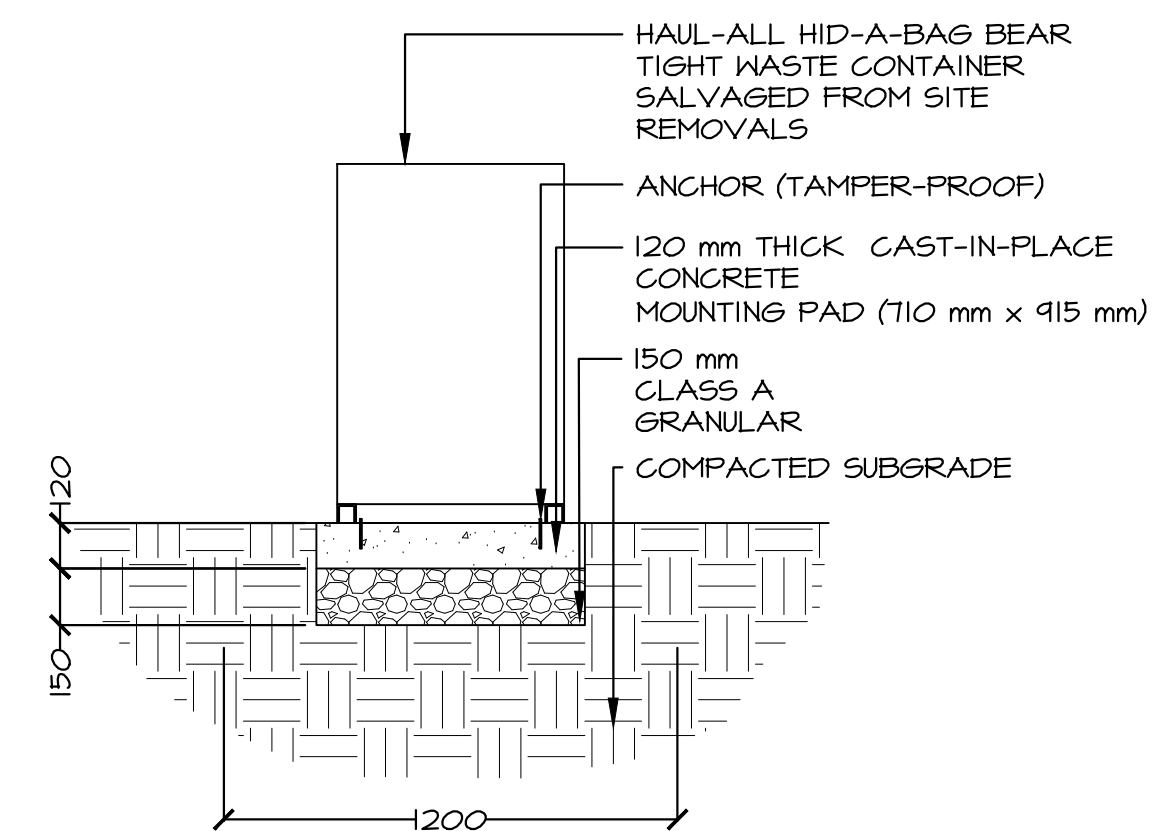
17 CRUSHER DUST PAVING

SCALE: 1:20



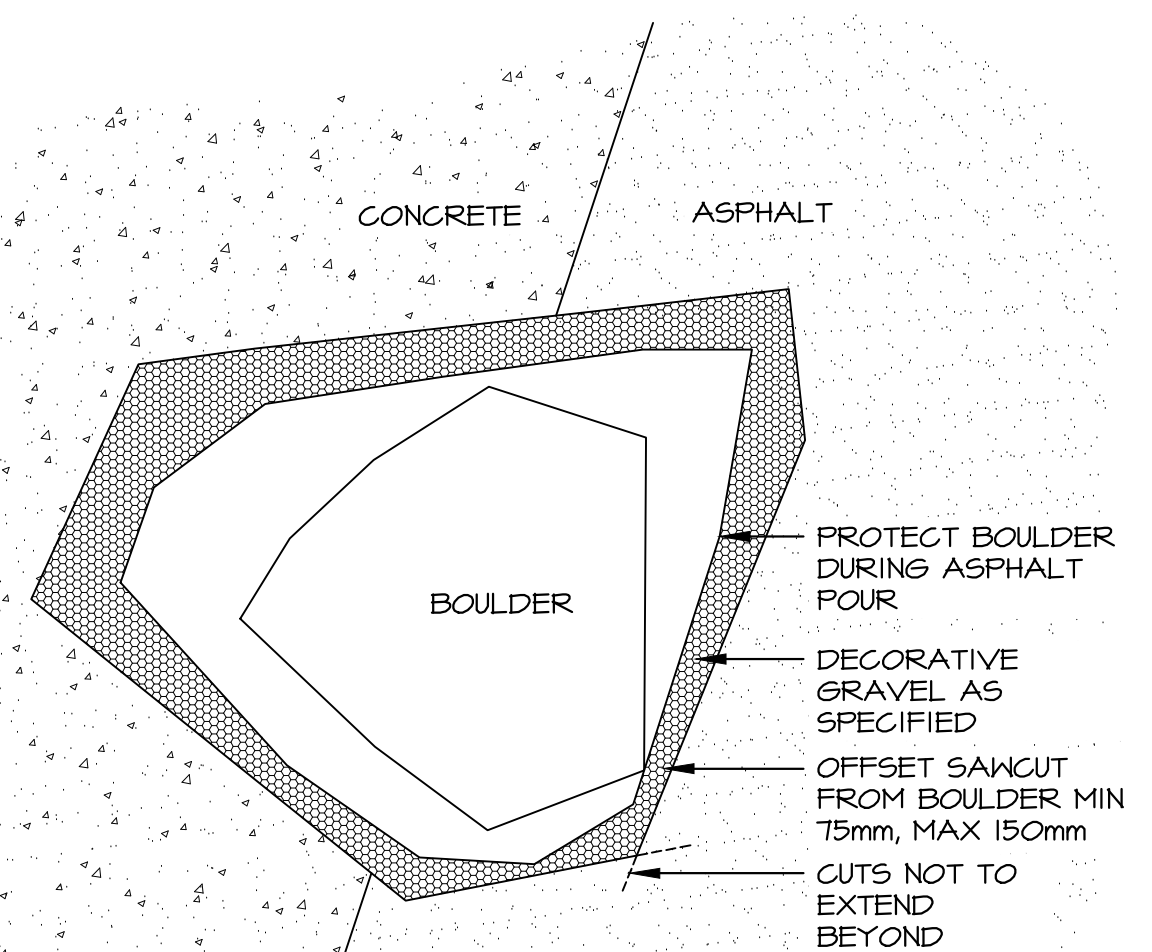
18 CONCRETE CURB

SCALE: 1:10



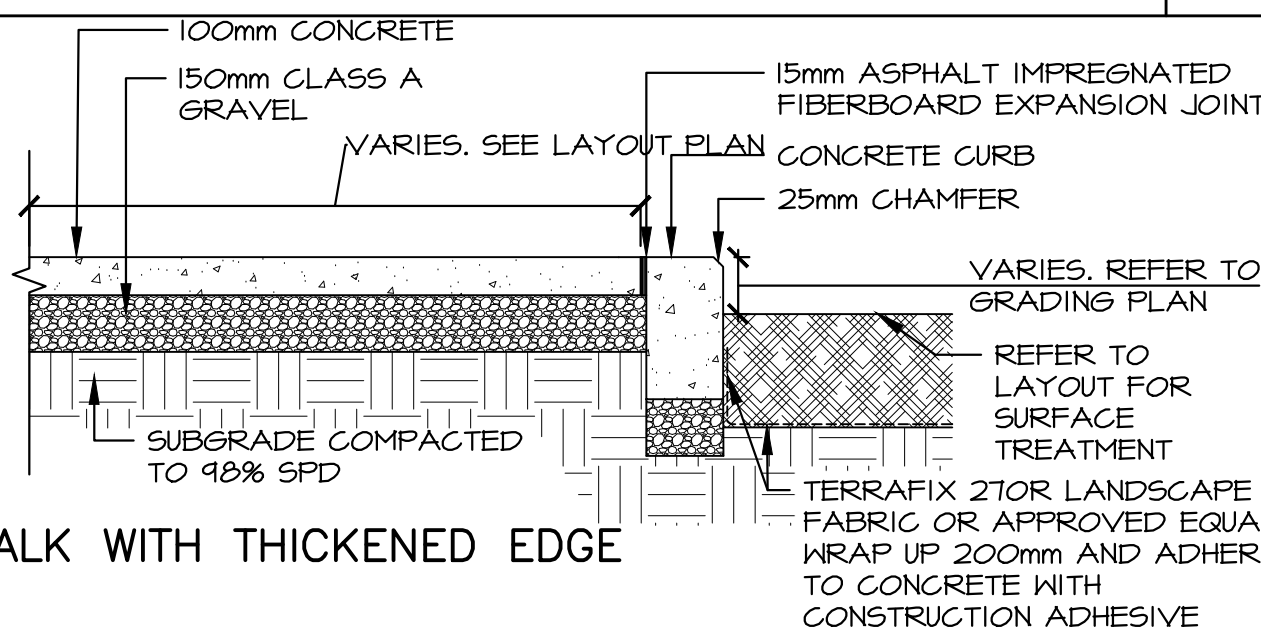
19 CONCRETE BASE FOR WASTE RECEPTACLE

SCALE: 1:20



20 BOULDER AT PAVEMENT PLAN DETAIL

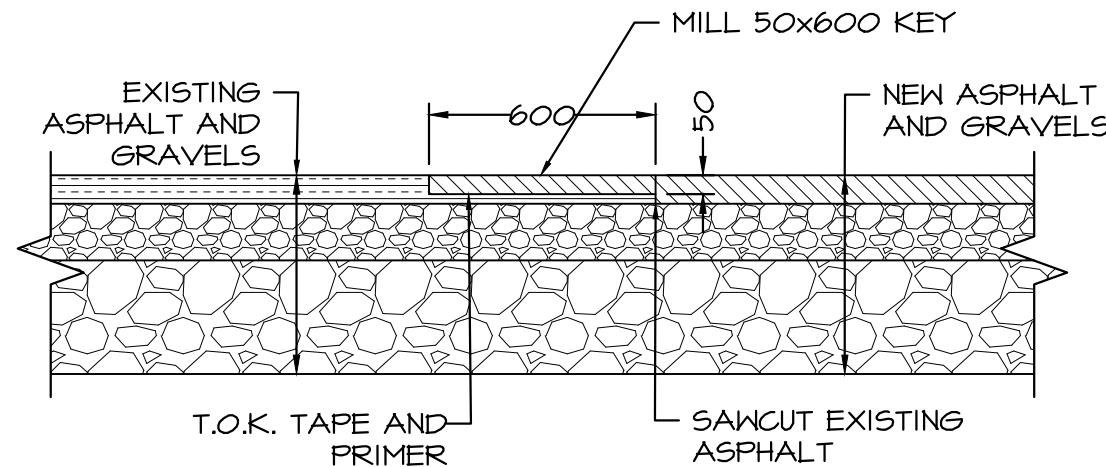
SCALE: 1:20



- NOTE:
1. REFER TO LAYOUT PLAN FOR SAWCUT AND JOINT LOCATIONS. SEE CONCRETE SIDEWALK JOINTS DETAILS.
 2. CONCRETE TO BE STRAIGHT BROOM FINISH (NO TROWEL EDGES)

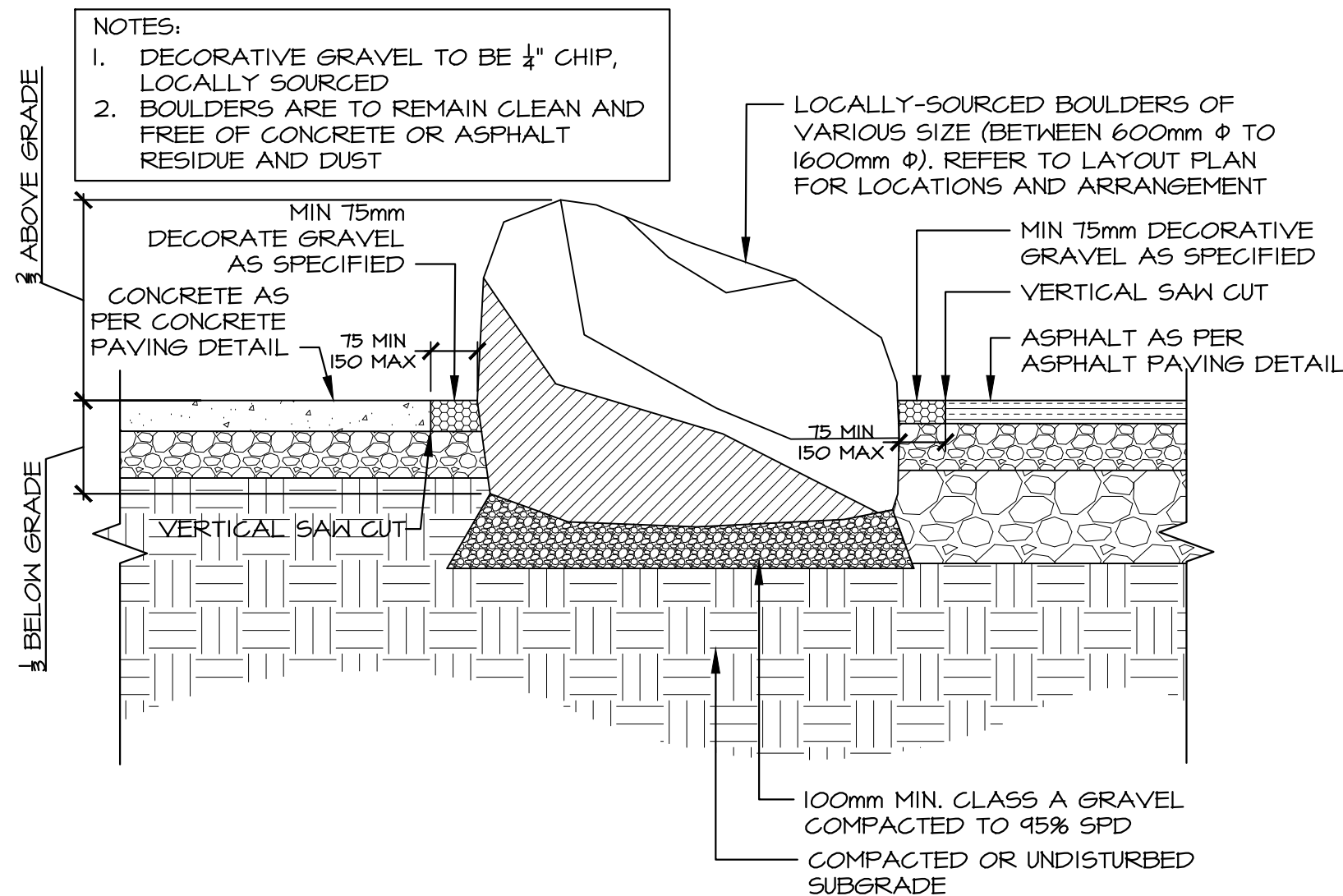
21 CONCRETE SIDEWALK WITH THICKENED EDGE

SCALE: 1:20



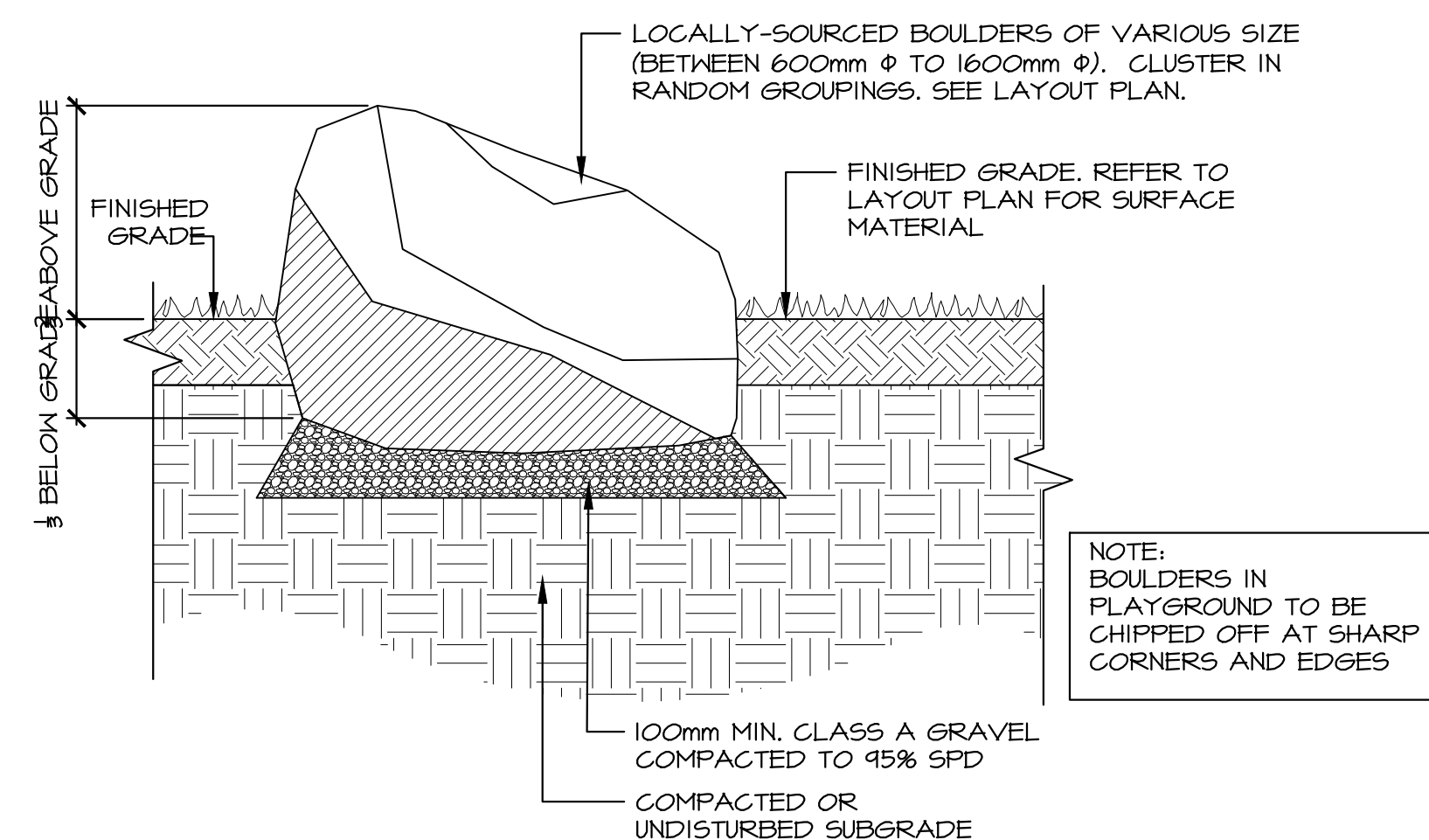
22 ASPHALT JOINT

SCALE: 1:20



23 BOULDER AT PAVEMENT SECTION

SCALE: 1:20



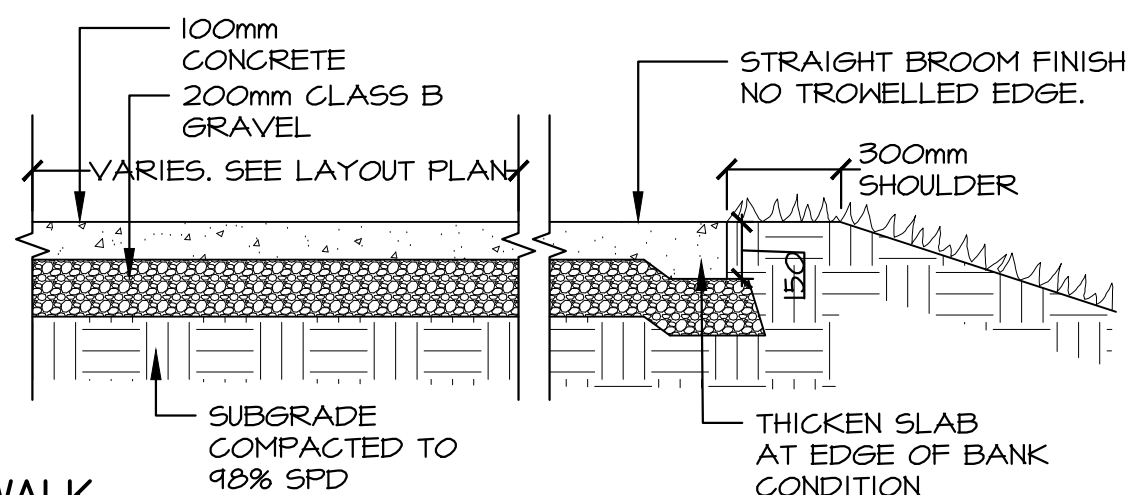
24 BOULDER SECTION

SCALE: 1:20

- NOTE:
1. REFER TO LAYOUT PLAN FOR SAWCUT AND JOINT LOCATIONS. SEE CONCRETE SIDEWALK JOINTS DETAILS.
 2. CONCRETE TO BE STRAIGHT BROOM FINISH (NO TROWEL EDGES)

25 CONCRETE SIDEWALK

SCALE: 1:20



CONSTRUCTION NOTES:

1. ALL WORKS TO BE PERFORMED IN ACCORDANCE WITH PARKS CANADA REGULATIONS AND GUIDELINES, LATEST EDITIONS.
2. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORKS. COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
3. DO NOT SUBSTITUTE MATERIALS UNLESS PRIOR WRITTEN APPROVAL IS GIVEN BY THE CONSULTANT.
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT ACTIVITIES. ALL ELEVATIONS ARE METRIC AND GEODETIC.
5. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF WETLANDS AND WATERCOURSES FROM DAMAGE DUE TO SILTATION RUNOFF FROM THE CONSTRUCTION SITE. THE CONTRACTOR SHALL MAKE NECESSARY REPAIRS TO SEDIMENTATION AND EROSION CONTROL DEVICES AS DIRECTED BY OWNERS ON SITE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING WORK.
7. CONTRACTOR TO VERIFY ALL EXISTING GRADES AND REPORT ANY DISCREPANCIES TO THE CONSULTANT.
8. ALL EXISTING SURFICIAL TOPSOIL, DELETERIOUS FILL MATERIALS AND WEAKENED AND/OR DISTURBED SOIL WITHIN THE LIMITS OF CONTRACT SHALL BE REMOVED AND DISPOSED OF OFF SITE.
9. CONTRACTOR TO SUBMIT EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL BY PARKS CANADA PRIOR TO COMMENCING THE WORKS.

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project	project
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SITE NOTES & DETAILS

designed	CC/JB/BR/SC/KP/DS	conçu
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date	May 2016
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drawn	KP/DS	dessiné
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date	September 2016
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approved	SC	approuvé
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date	October 2016
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Tender		Soumission
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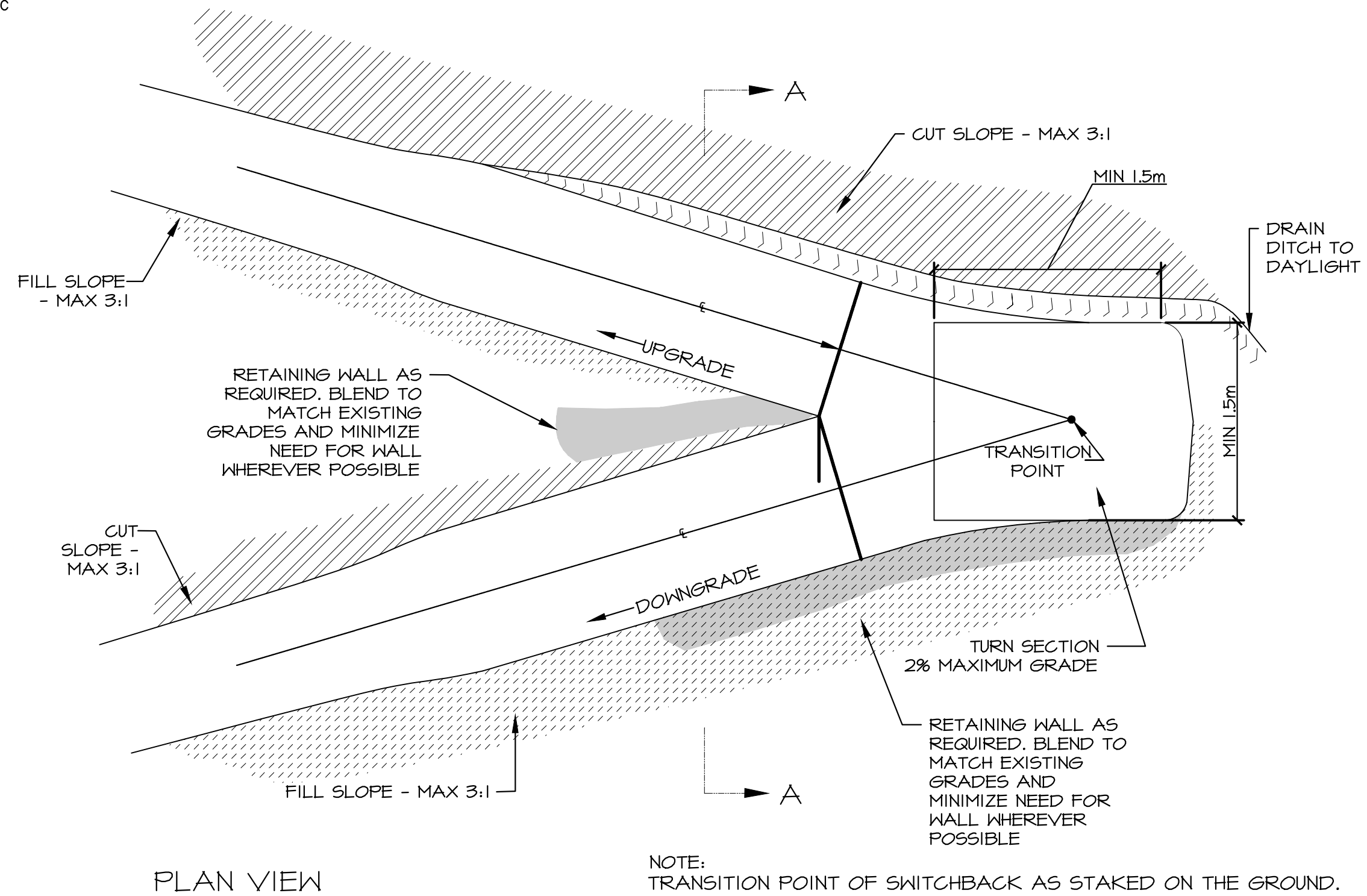
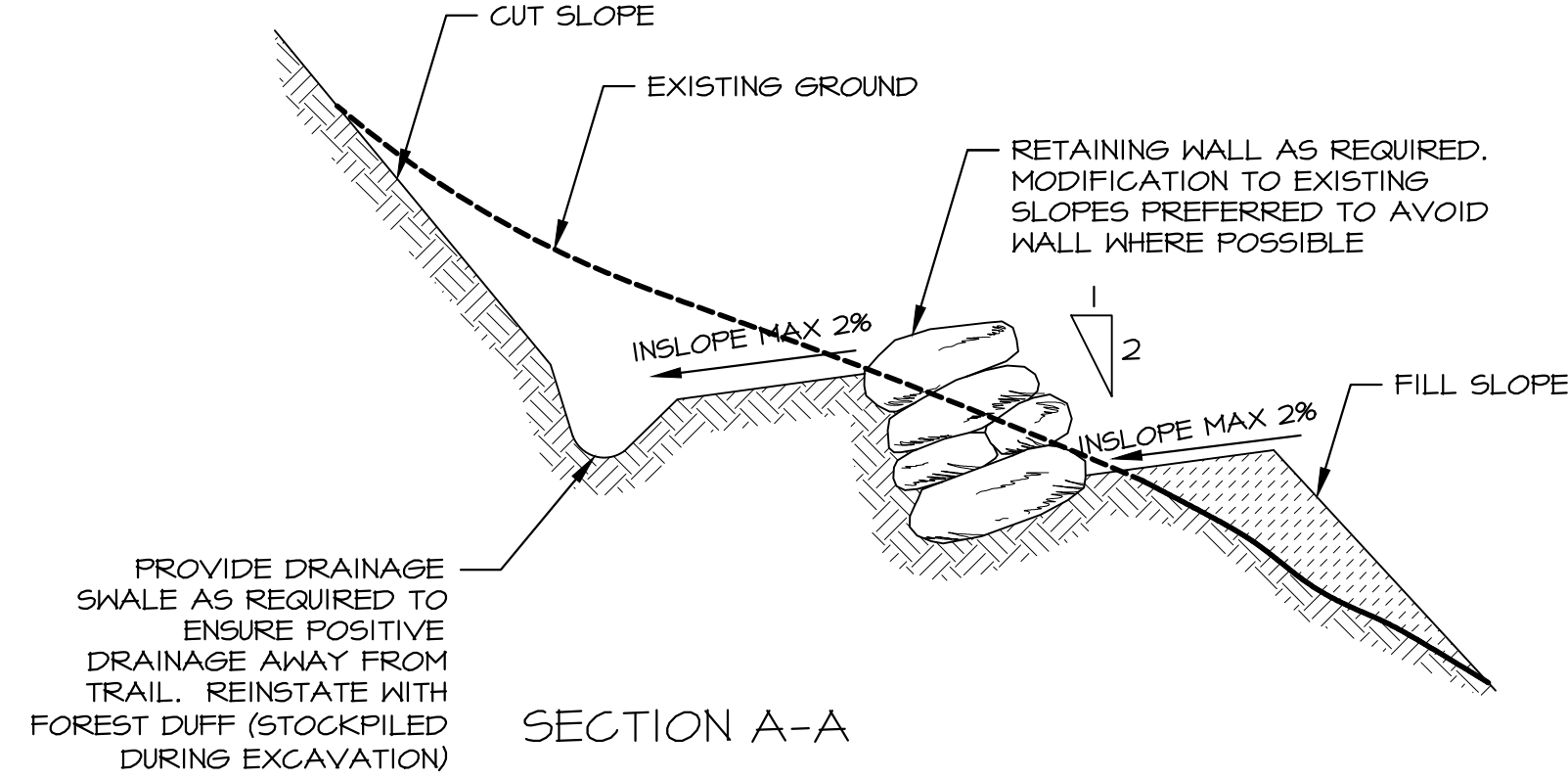
PWGS&C Project Manager	Administrateur de projets TPSSC
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project number	no. du projet
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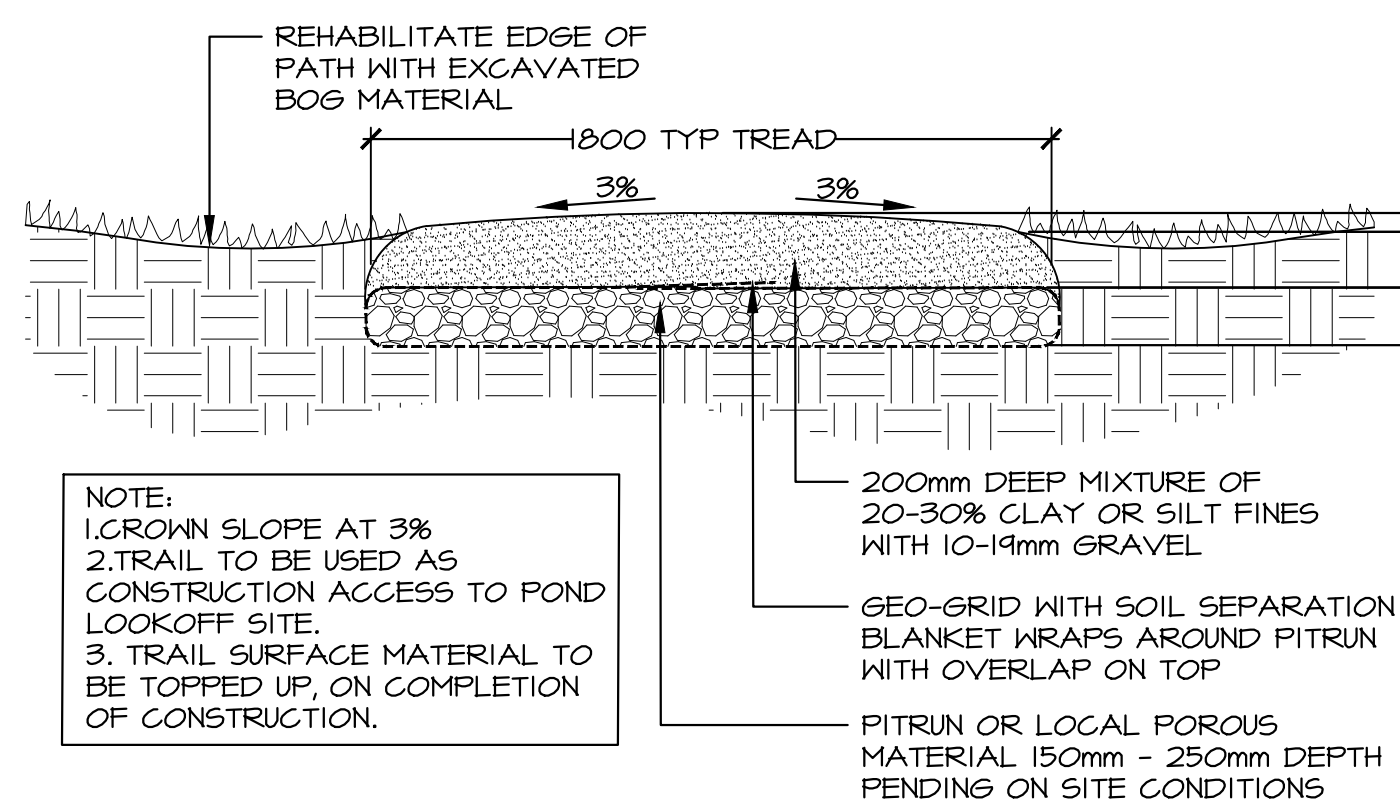
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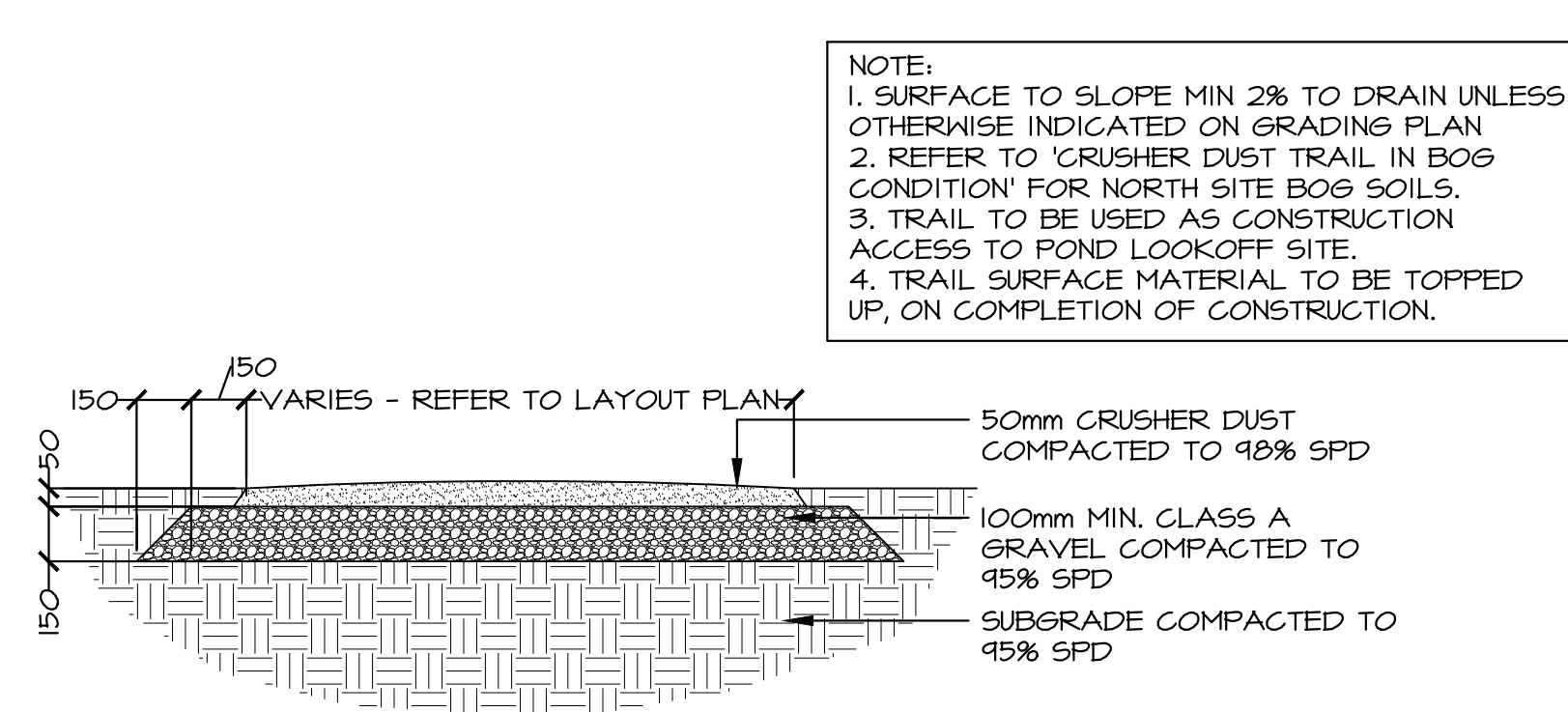
L-300



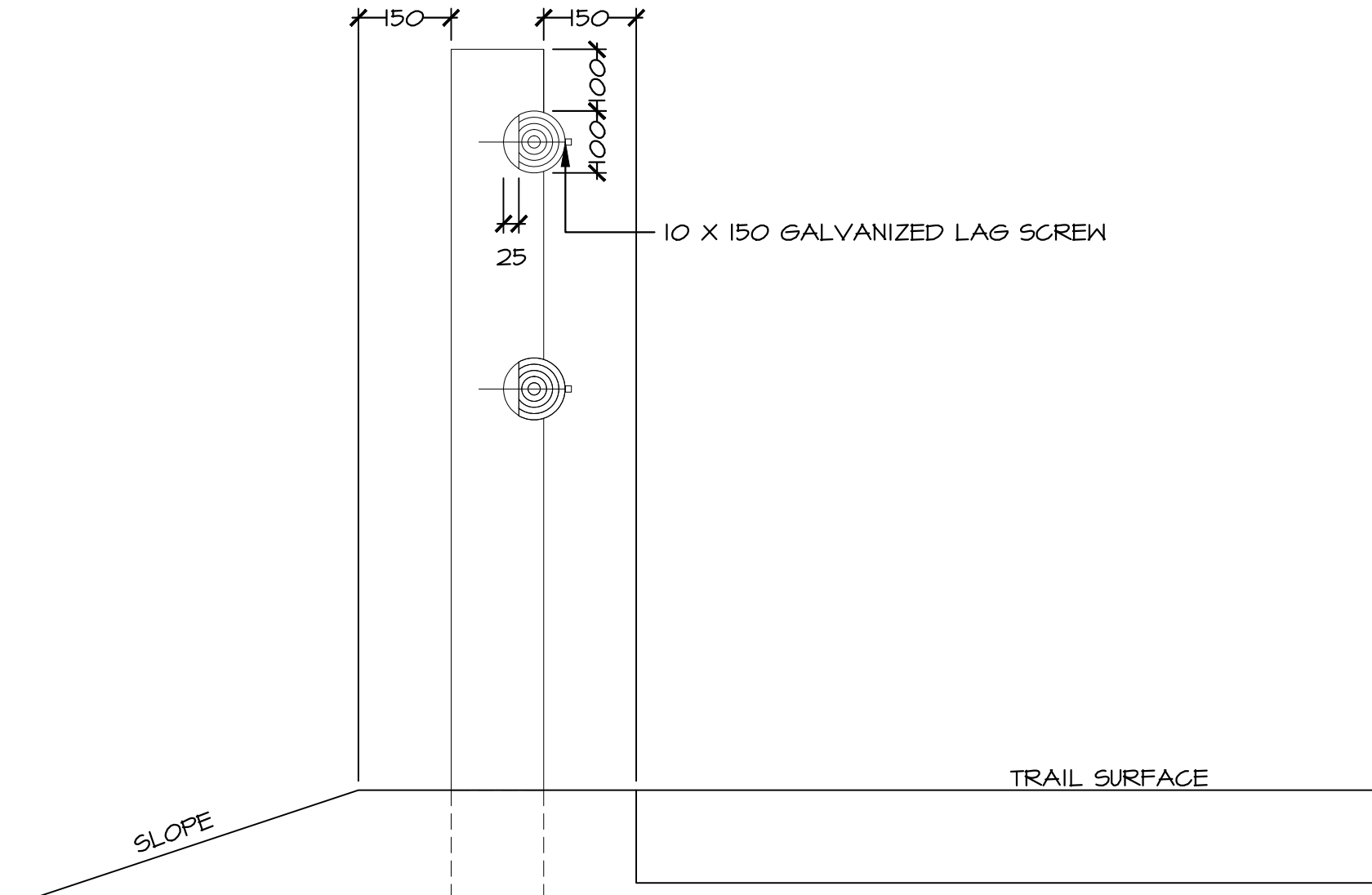
1 SWITCHBACK
SCALE: 1:30



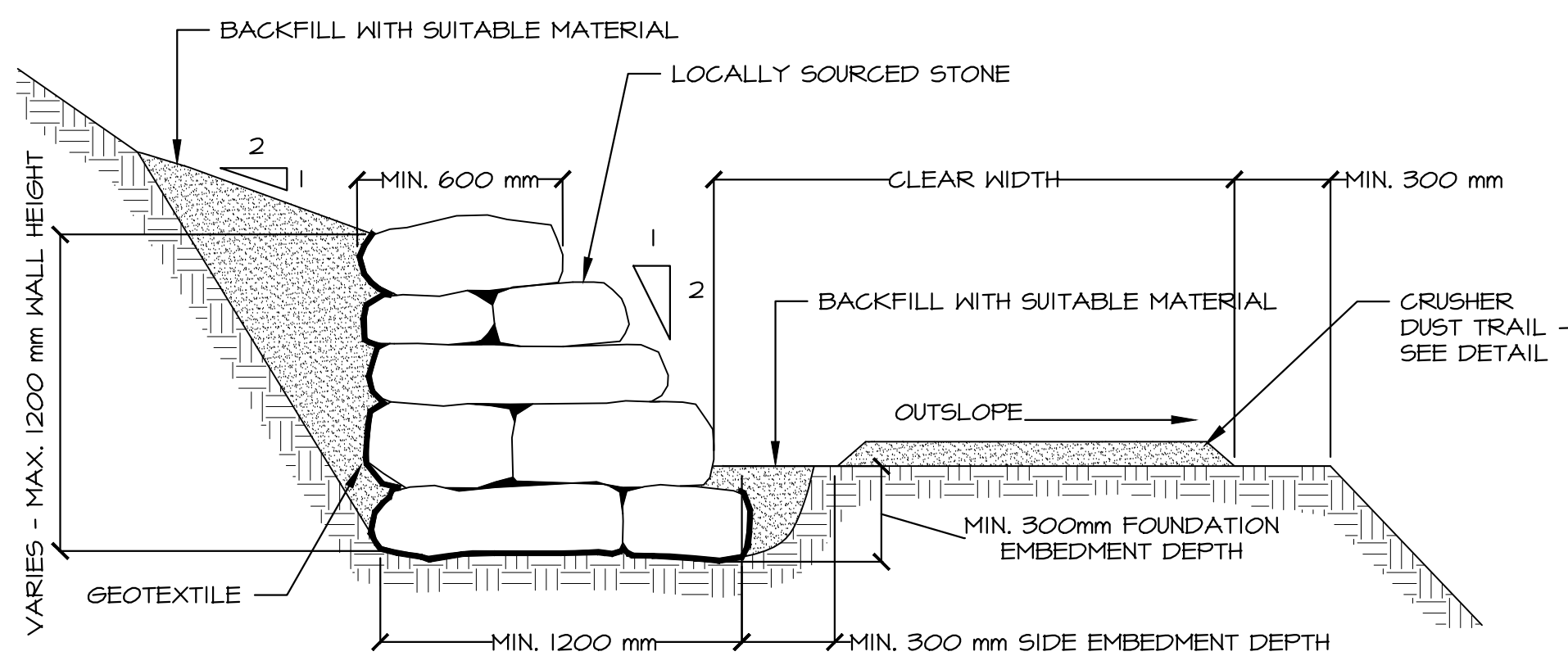
3 CRUSHER DUST TRAIL - BOG CONDITION
SCALE: 1:20



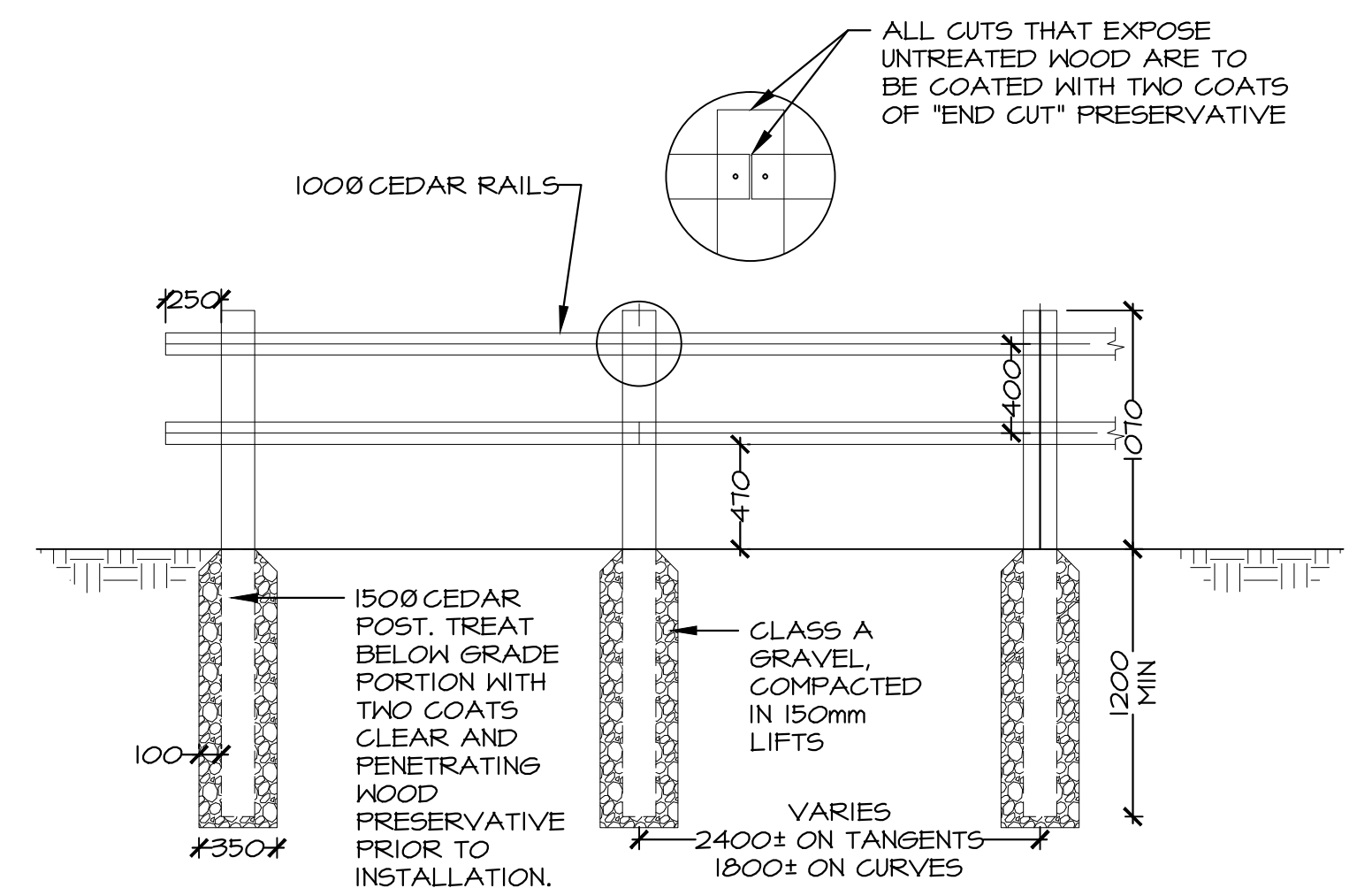
4 CRUSHER DUST TRAIL - TYPICAL
SCALE: 1:20



2b HANDRAIL ENLARGEMENT
SCALE: 1:10



5 UPHILL RETAINING WALL
SCALE: 1:20



2 HANDRAIL
SCALE: 1:30

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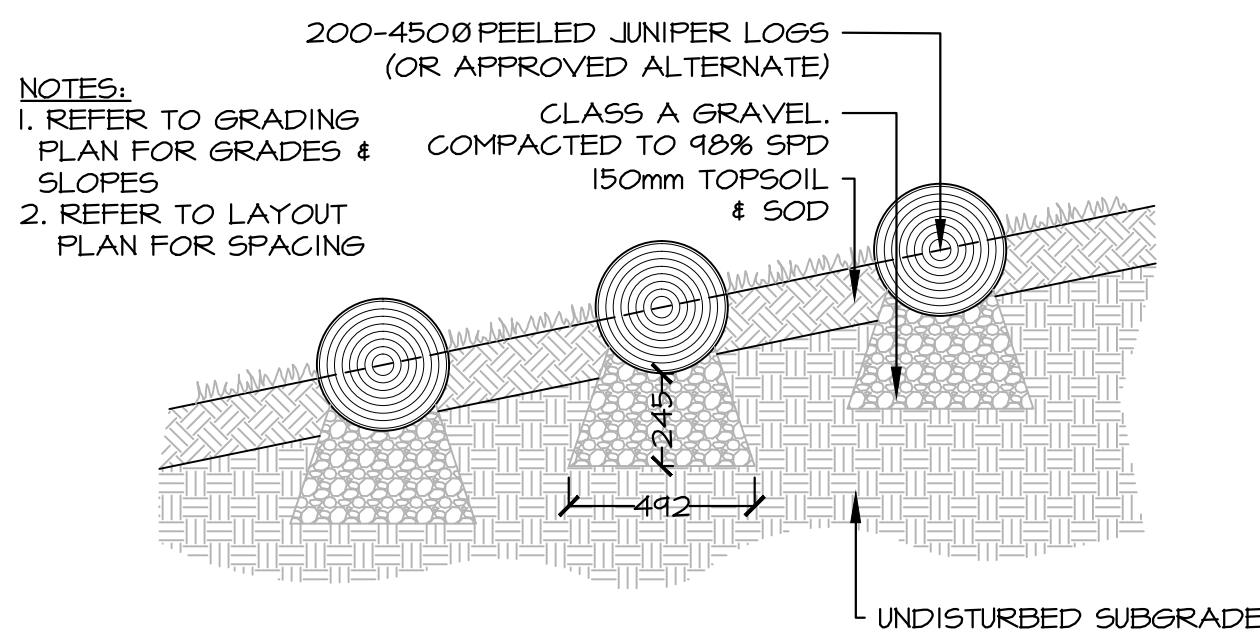
SITE DETAILS

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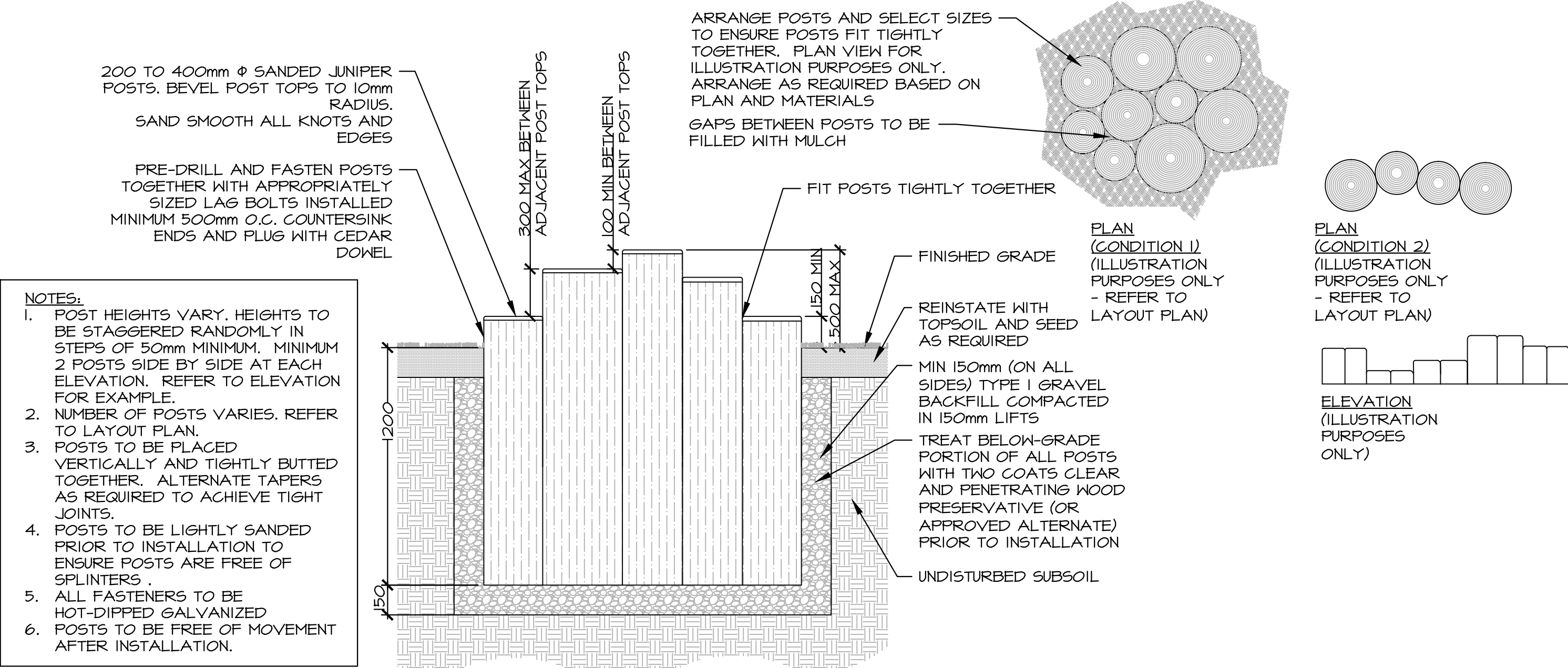
L-302



5 HORIZONTAL LOG STEP
SCALE: 1:20

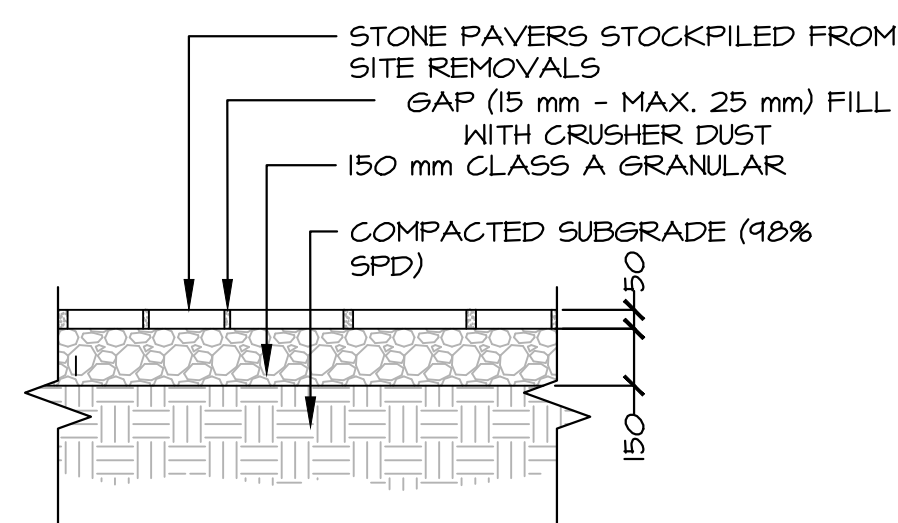
PLAYGROUND NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED
2. SPECIFIED DEPTHS FOR MULCH ARE AFTER SETTLEMENT. SPECIFIED DEPTHS FOR GRANULAR ARE AFTER COMPACTION.
3. ALL MULCH TO BE NATURAL WOOD CHIP MULCH.
4. ALL LOGS ARE TO BE PEELED JUNIPER (OR APPROVED ALTERNATE), FREE OF IRREGULARITIES SUCH AS BRANCHES, WARPS, CHECKS AND CRACKS. WOOD TO BE SANDED AND FREE OF SPLINTERS, ALL EXPOSED EDGES TO BE ROUNDED.
5. ALL BOLTS, SPIKES, NAILS, AND OTHER FASTENERS TO BE HOT DIPPED GALVANIZED, SIZES AS APPROPRIATE. WHERE FASTENER IS ON EXTERIOR FACE, HOLE TO BE COUNTER-SUNK, PLUGGED WITH A DOWEL AND SANDED FLUSH.
6. ALL INSTALLED LOGS AND POSTS ARE TO BE FREE OF MOVEMENT
7. BELOW GRADE PORTION OF ALL LOGS TO BE TREATED WITH 2 COATS OF CLEAR AND PENETRATING WOOD PRESERVATIVE PRIOR TO INSTALLATION.

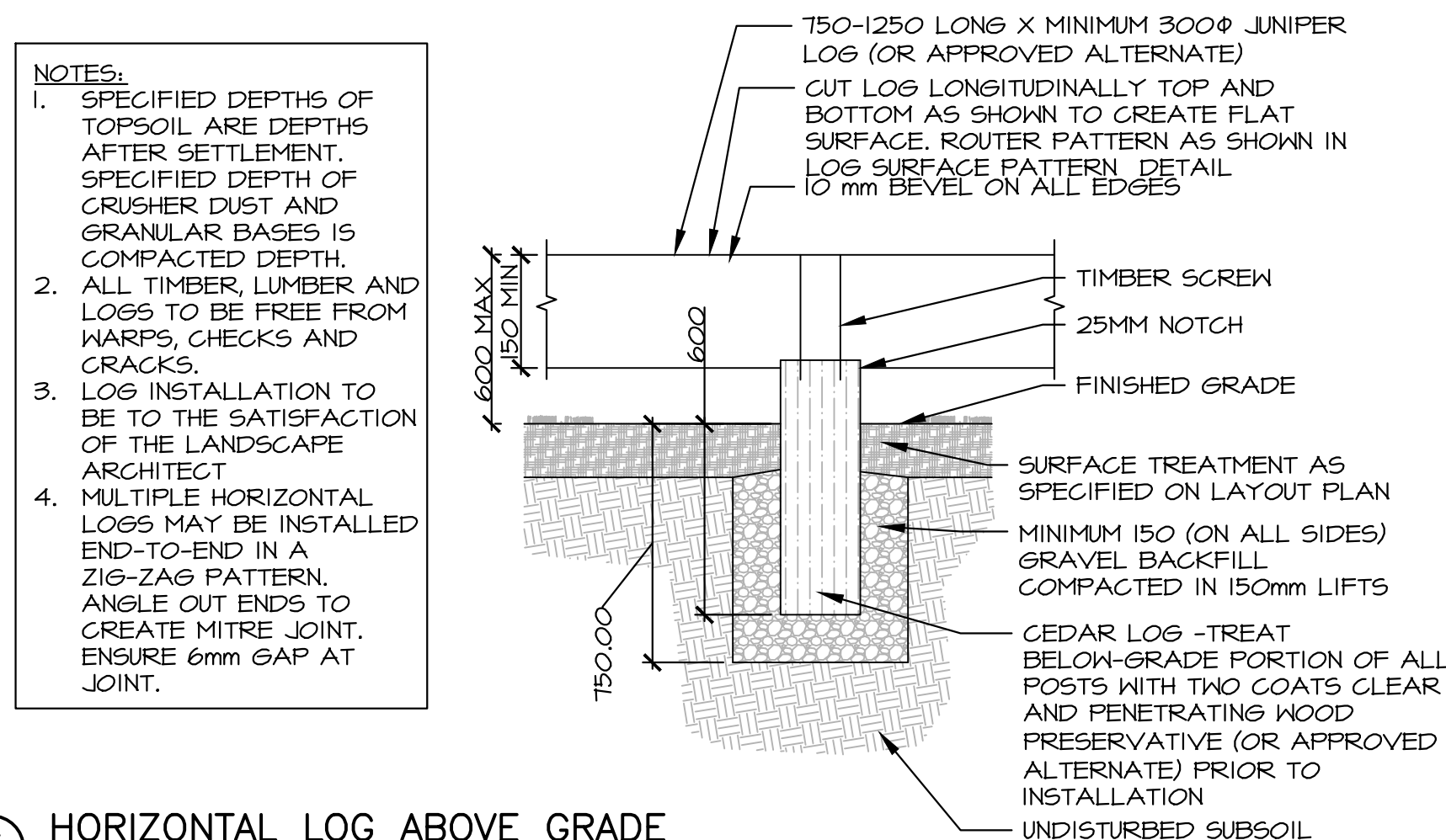


- NOTES:
1. POST HEIGHTS VARY. HEIGHTS TO BE STAGGERED RANDOMLY IN STEPS OF 50mm MINIMUM. MINIMUM 2 POSTS SIDE BY SIDE AT EACH ELEVATION. REFER TO ELEVATION FOR EXAMPLE.
 2. NUMBER OF POSTS VARIES. REFER TO LAYOUT PLAN.
 3. POSTS TO BE PLACED VERTICALLY AND TIGHTLY BUTTED TOGETHER. ALTERNATE TAPERS AS REQUIRED TO ACHIEVE TIGHT JOINTS.
 4. POSTS TO BE LIGHTLY SANDED PRIOR TO INSTALLATION TO ENSURE POSTS ARE FREE OF SPLINTERS.
 5. ALL FASTENERS TO BE HOT-DIPPED GALVANIZED
 6. POSTS TO BE FREE OF MOVEMENT AFTER INSTALLATION.

2 LOG STEPPER
SCALE: 1:20



4 STEPPING STONE PATH
SCALE: 1:20



3 HORIZONTAL LOG ABOVE GRADE
SCALE: 1:20

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	C-100	

50mm TYPE C ASPHALT
50mm TYPE B ASPHALT
200mm CLASS A GRAVEL
300mm CLASS B GRAVEL
SURGE ROCK AS REQUIRED

NOTES:
1. PAVEMENT STRUCTURE TO BE VERIFIED WITH GEOTECHNICAL REPORT. SHOULD ANY DISCREPANCIES OCCUR, THE GEOTECHNICAL REPORT SHALL BE TAKEN AS CORRECT.
2. PRIOR TO PLACEMENT OF THE PAVEMENT AND SUB-BASE GRAVELS, THE ENTIRE SUBGRADE SHOULD BE PROOF-ROLLED UNDER THE SUPERVISION OF THE GEOTECHNICAL PERSONNEL. ANY AREAS SHOWING EXCESSIVE DEFLECTION SHOULD BE EXCAVATED AND REPLACED WITH COMPACTED GRANULAR MATERIAL.

1 ASPHALT PAVEMENT
SCALE: NTS

Northing & Easting Points			Northing & Easting Points		
Point #	Northing	Easting	Point #	Northing	Easting
1	5363653.63	706704.99	22	5363721.01	706835.62
3	5363671.70	706793.02	23	5363707.16	706831.29
4	5363670.56	706794.62	24	5363706.47	706831.83
5	5363674.68	706798.91	25	5363687.29	706825.49
6	5363677.82	706804.16	26	5363677.74	706819.18
7	5363680.00	706810.93	27	5363673.31	706805.31
8	5363685.61	706813.28	28	5363672.55	706803.72
9	5363687.45	706812.36	29	5363671.45	706802.04
10	5363672.00	706707.87	30	5363657.18	706707.83
11	5363690.76	706811.99			
12	5363702.98	706816.04			
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14	5363706.98	706820.58			
15	5363709.16	706822.27			
16	5363724.05	706827.59			
17	5363728.45	706827.03			
18	5363728.31	706824.24			
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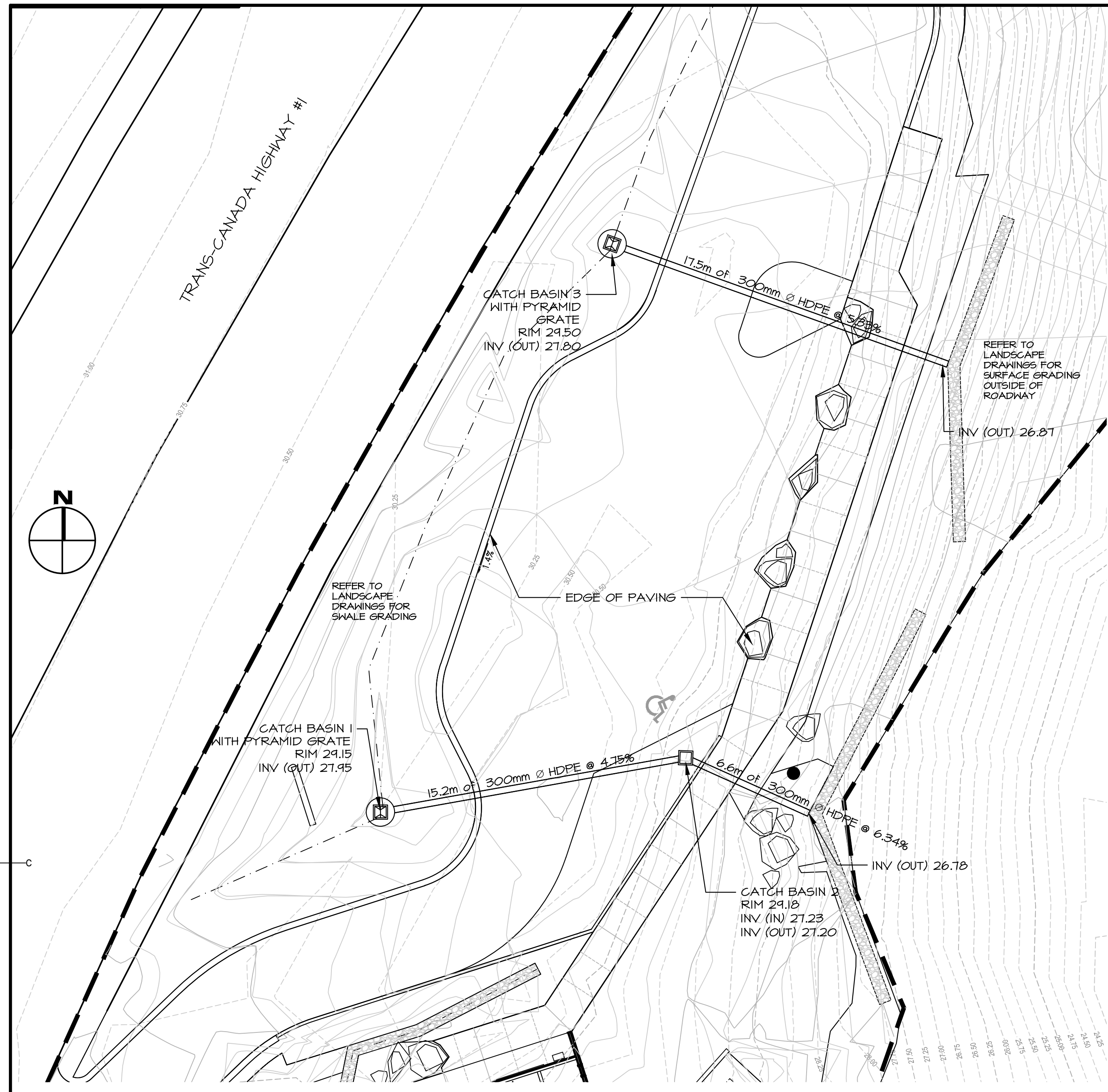


3	ISSUED FOR TENDER	DEC 23 2016
2	PRE-TENDER REVIEW	SEPT 9 2016
1	ISSUED FOR 66% REVIEW	JULY 18 2016
revisions		date

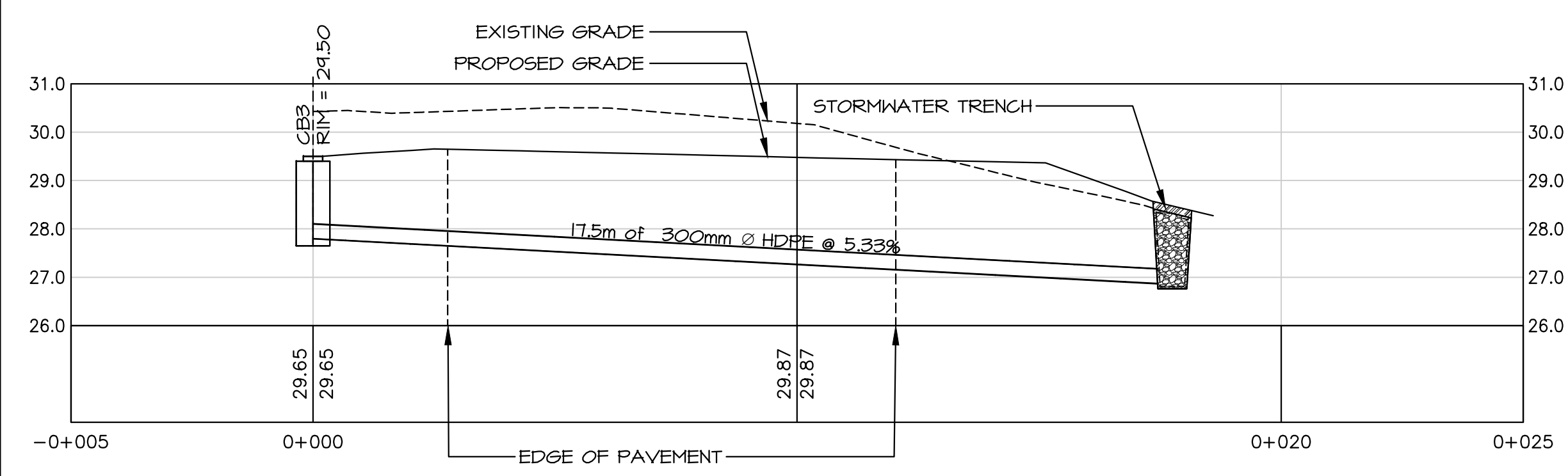
TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT

SOUTH ENTRANCE – STORM PLAN, PROFILE, AND DETAILS

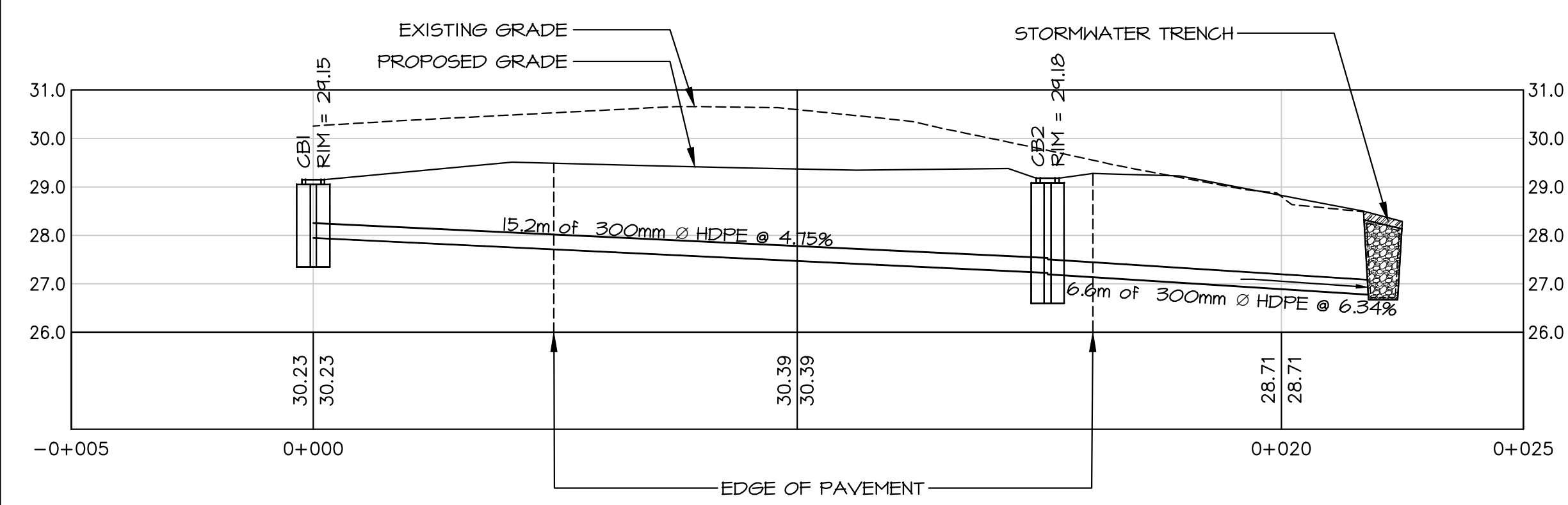
designed	RL/RB/SC	conçu
date	May 2016	
drawn	SC/RB	dessiné
date	December 2016	
approved	RB	approuvé
date	December 2016	
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSSC	
project number		no. du projet
	604	
drawing no.		no. du dessin
	C-101	



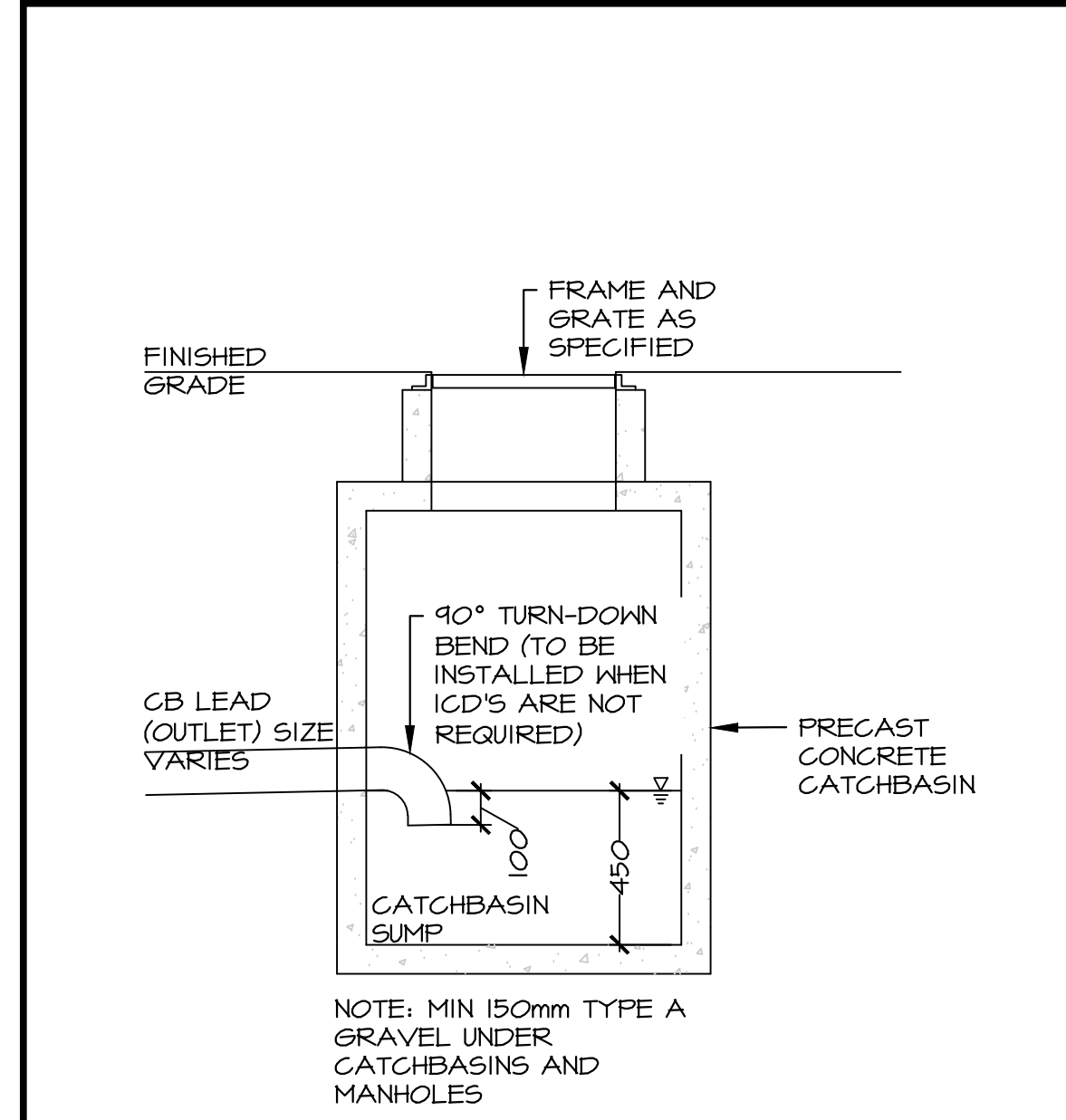
1 NORTH AND SOUTH STORM PLAN
SCALE: 1:150



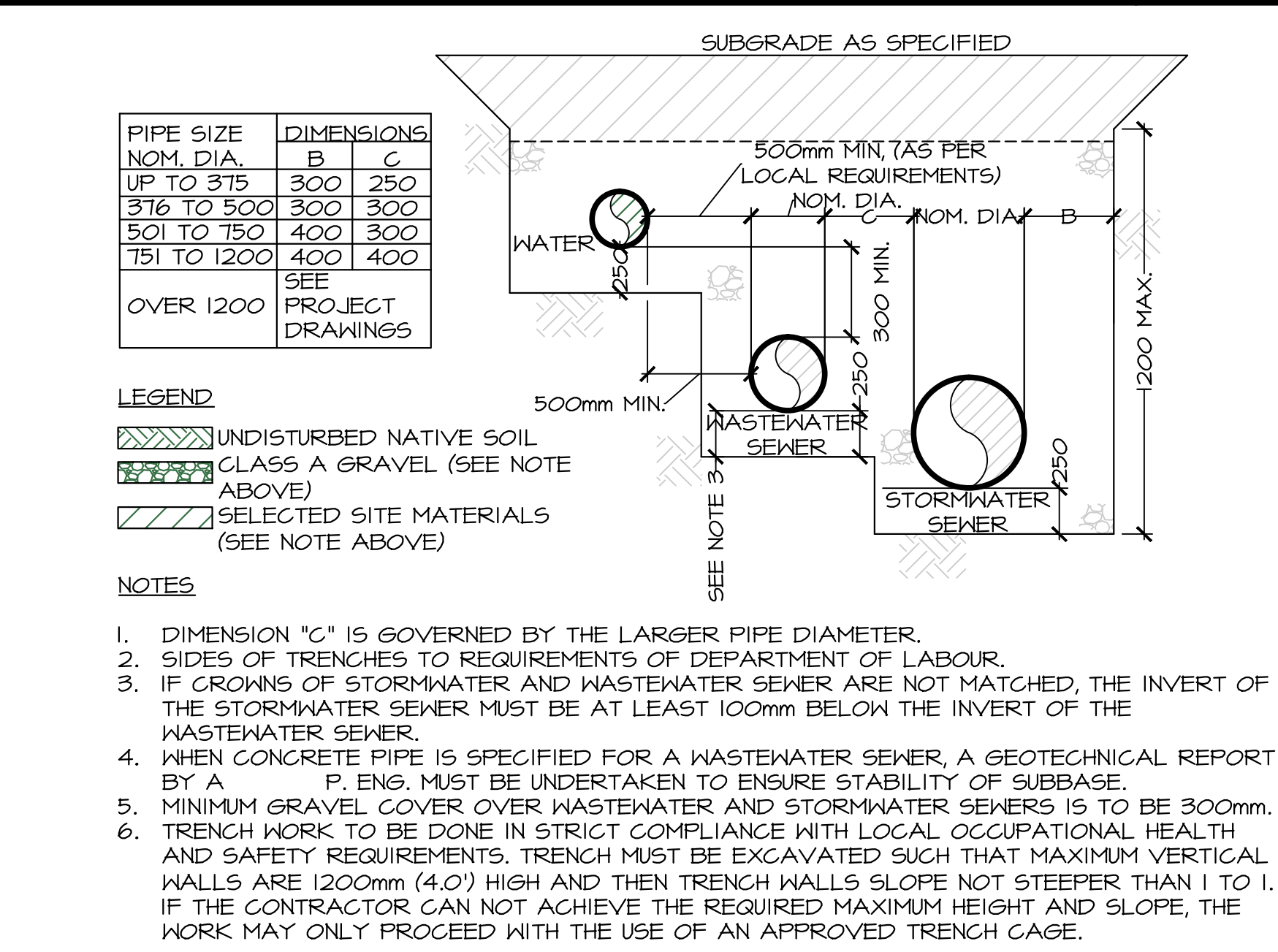
2 NORTH STORM PROFILE
SCALE: 1:100



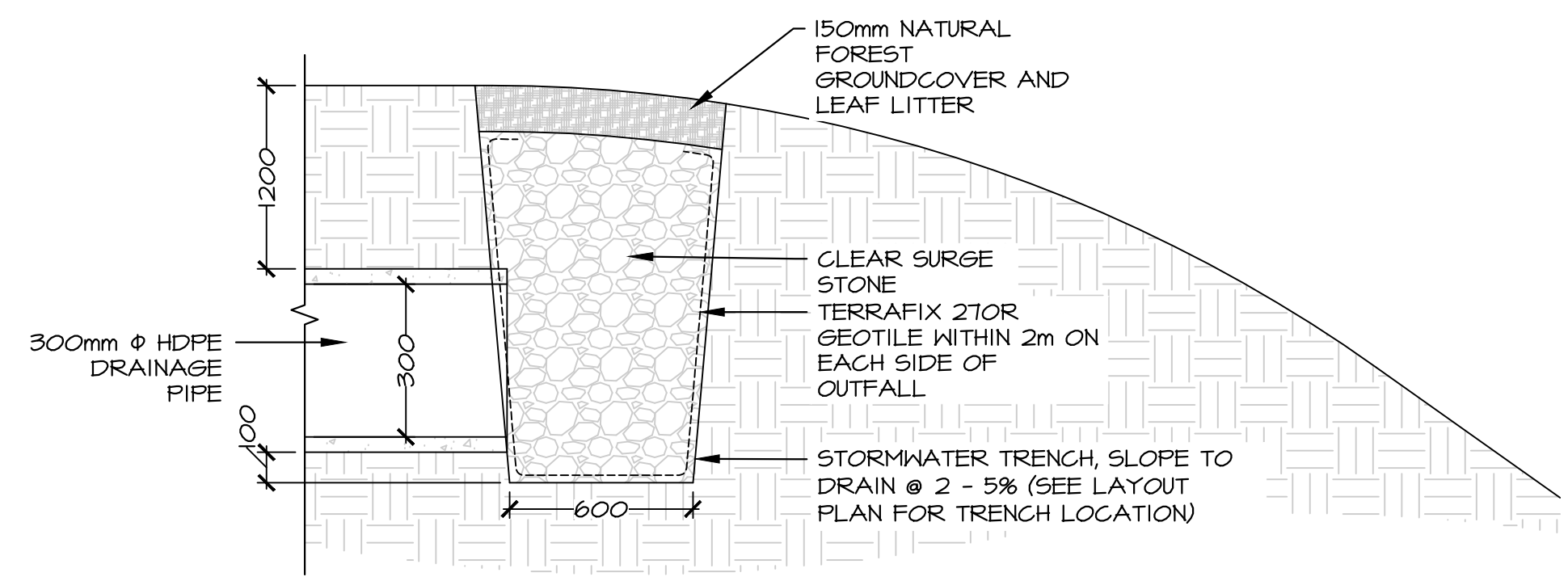
3 SOUTH STORM PROFILE
SCALE: 1:100



4 CATCH BASIN
SCALE: 1:20



5 TRENCH AND BACKFILL CROSS-SECTION
SCALE: 1:30



6 STORMWATER TRENCH DETAIL
SCALE: 1:20

REFER TO NOTES - SHEET I-101

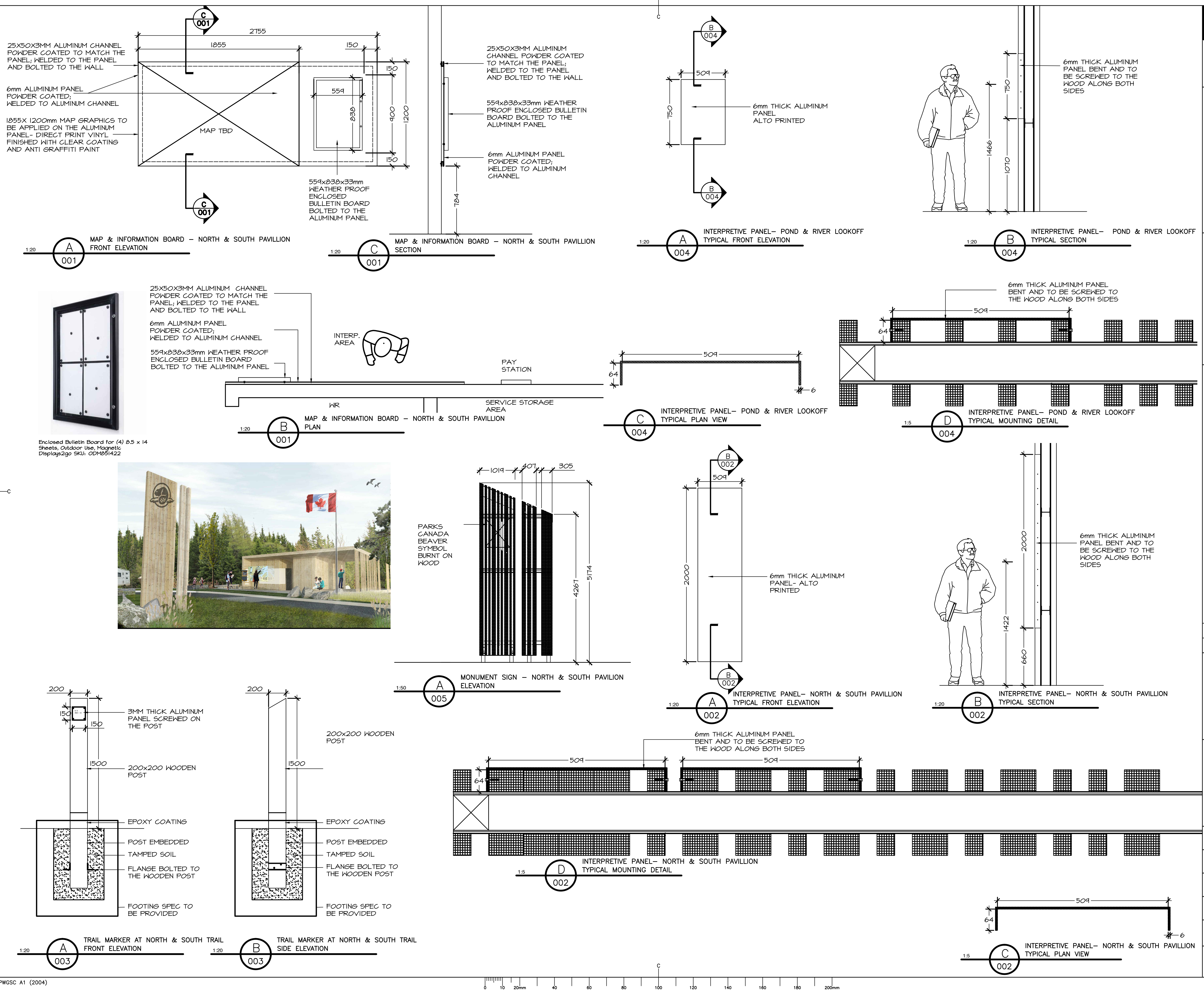
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revisions		date
project		projet

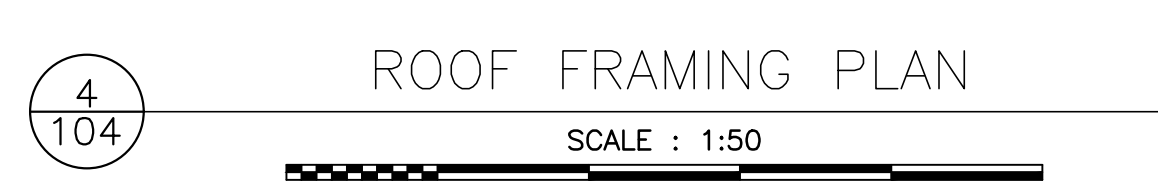
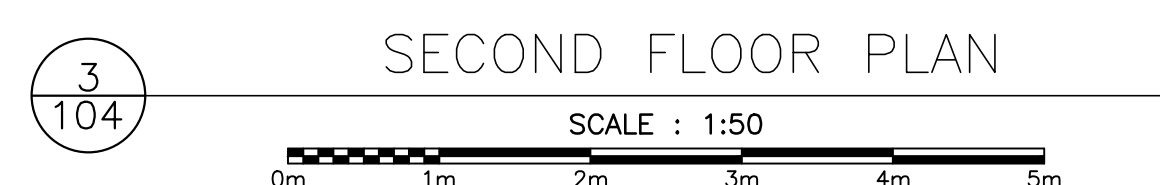
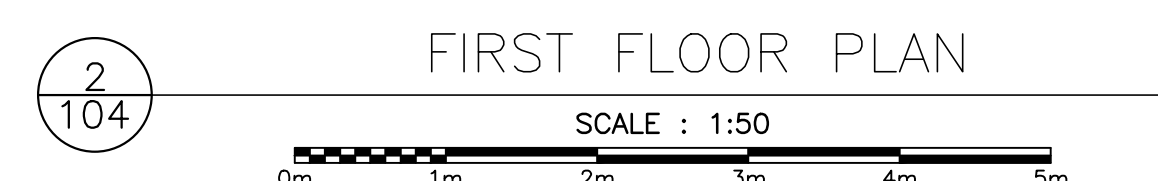
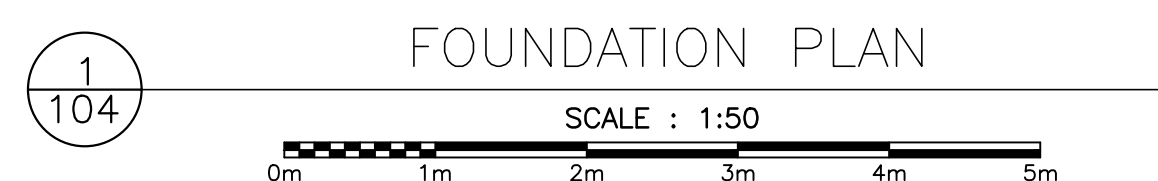
TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT

drawing dessin

INTERPRETIVE SITE SIGNAGE DETAILS

designed	SC	conçu
date	SEPTEMBER 2016	
drawn	SC	dessiné
date	SEPTEMBER 2016	
approved	JD	approuvé
date	OCTOBER 2016	
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSGC	
project number		no. du projet
	604	
drawing no.		no. du dessin
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TERRA NOVA
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ENTRANCE
REHABILITATION
PROJECT

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SOUTH SITE
LOOK OFF
PLAN VIEW

date SEPT 26, 2016

date SEPT 26, 2016

date	
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PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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drawing no. C 103 no. du dessin

3-103

1	ISSUED FOR TENDER	12/20
0	ISSUED FOR REVIEW	09/20
revisions		date

project		pro
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TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

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SOUTH SITE
LOOK OFF
ELEVATIONS

designed	INO	con
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date SEPT 26 2016

drawn	AN	dess
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AN
SEPT 26 2016

date SEPT 26, 2016

approved	approved
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date _____

Tender	Soumission
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PWGSC Project Manager Administrateur de projets TPS

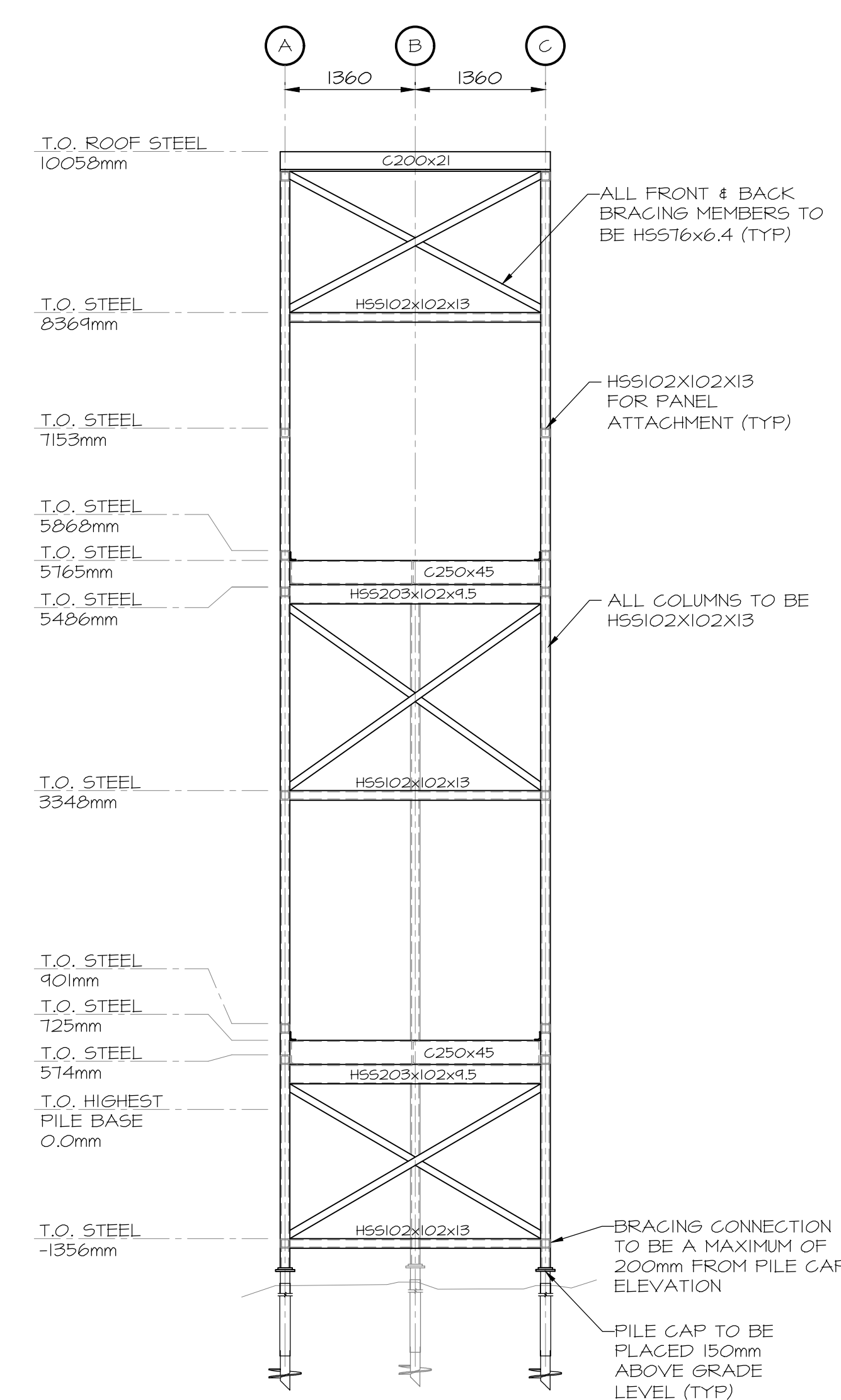
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S-104

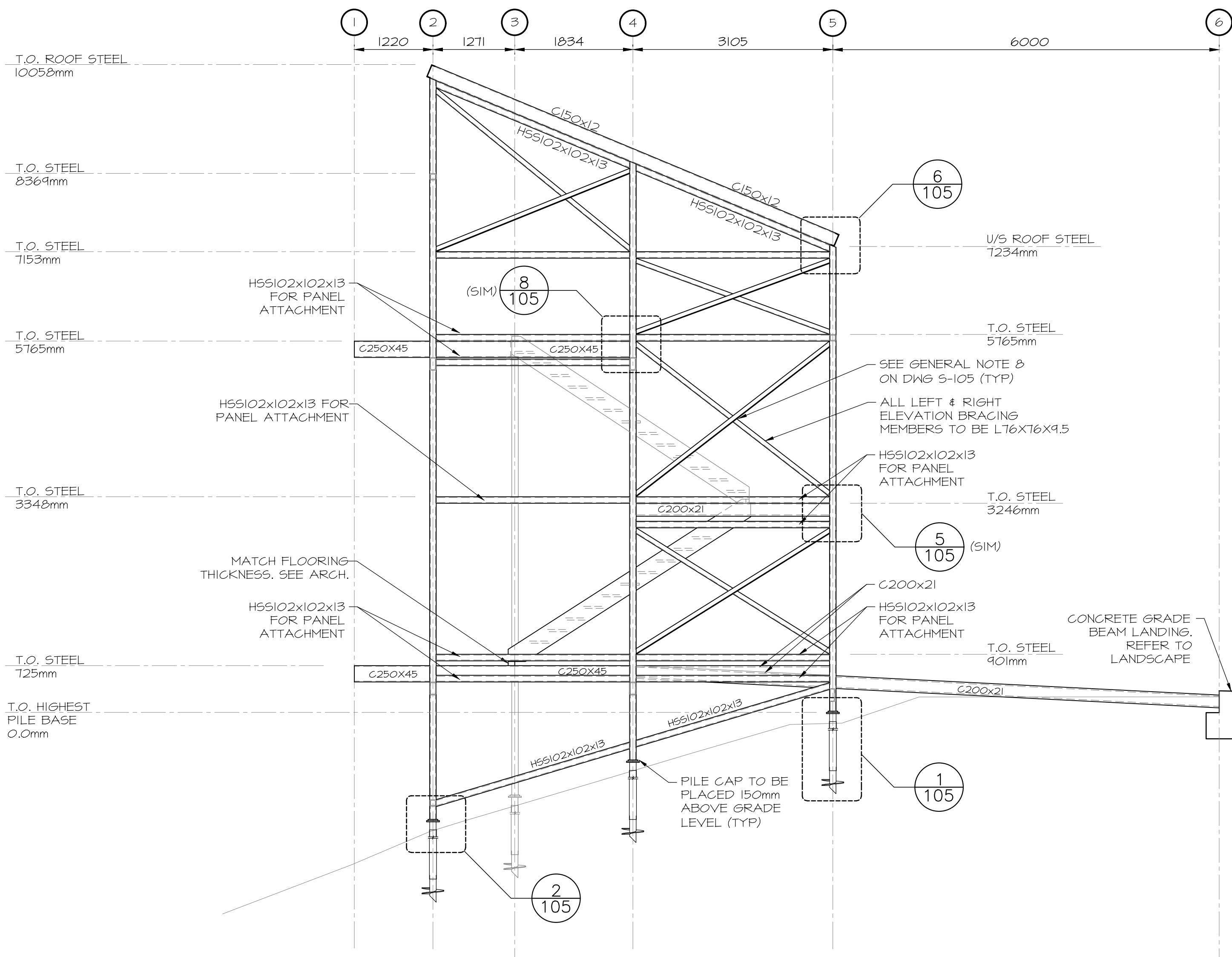


ELEVATION FRONT

SCALE : 1:50



0m 1m 2m 3m 4m 5m

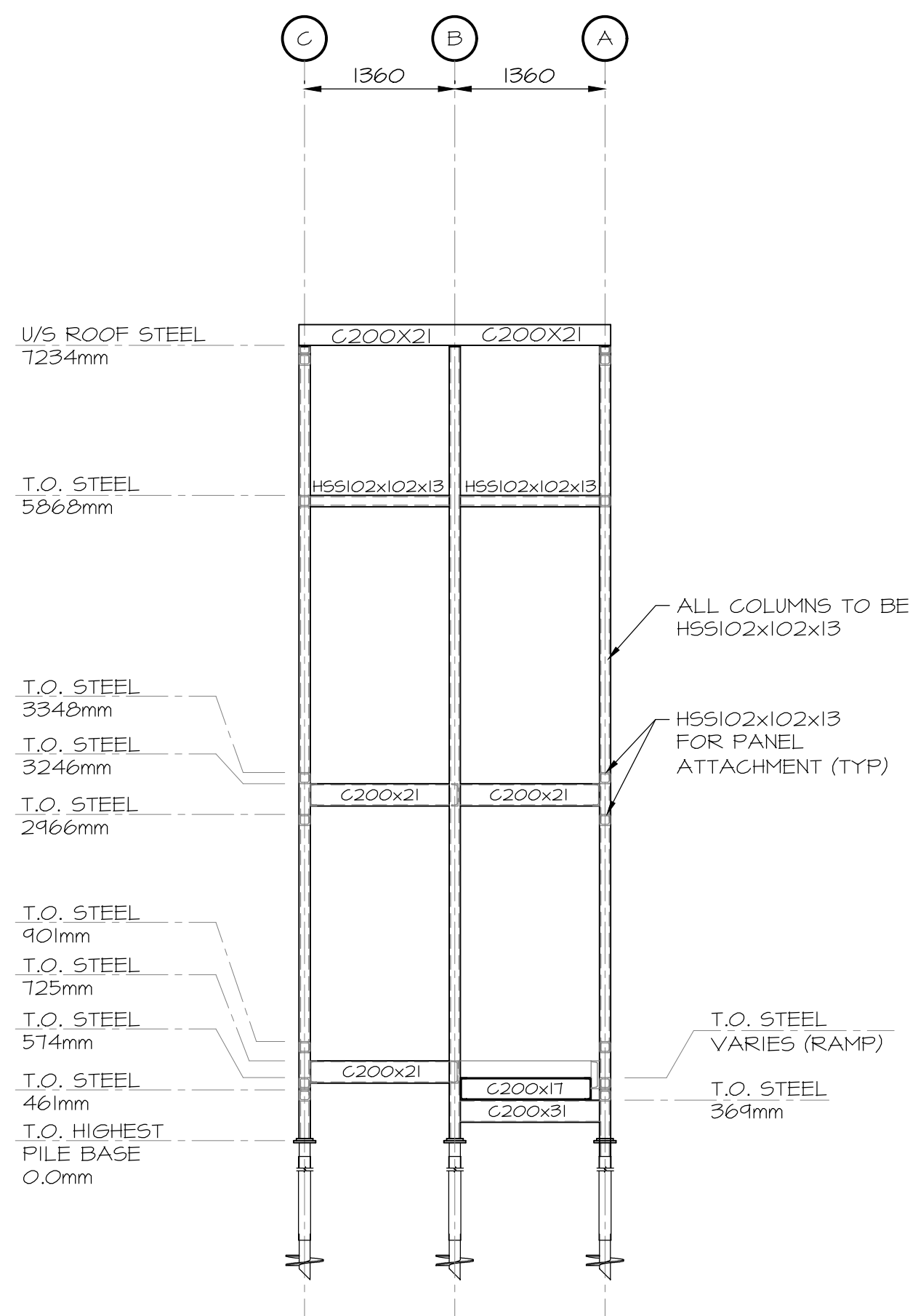


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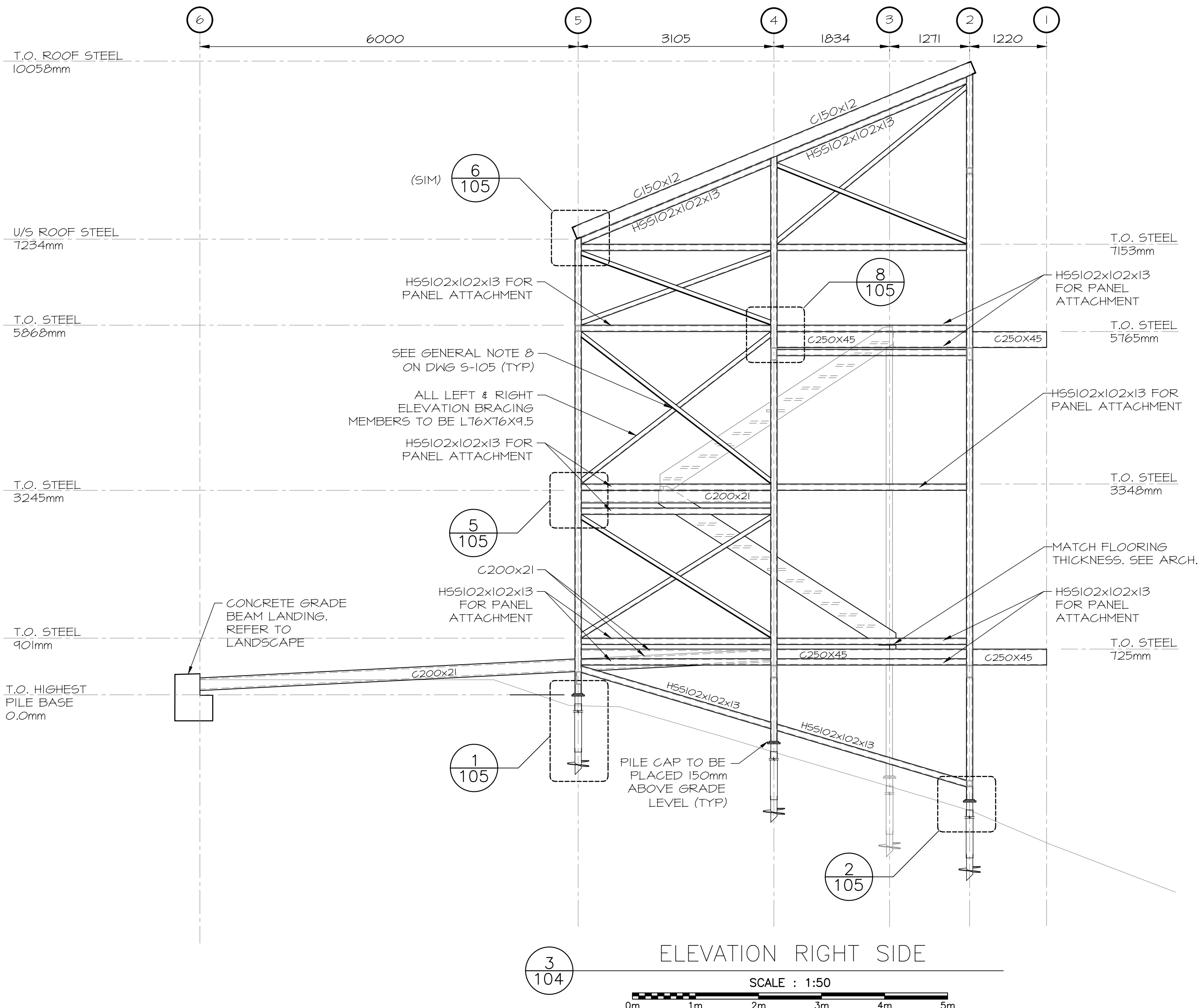
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4
104
ELEVATION BACK
SCALE : 1:50
0m 1m 2m 3m 4m 5m



3
104
ELEVATION RIGHT SIDE
SCALE : 1:50
0m 1m 2m 3m 4m 5m

1	ISSUED FOR TENDER	12/09 2016
0	ISSUED FOR REVIEW	09/16 2016
revisions		date

project

TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

SOUTH SITE
LOOK OFF
ELEVATIONS

designed INO conçu

date SEPT 26, 2016

drawn AN dessiné

date SEPT 26, 2016

approved approuvé

date

Tender Soumission

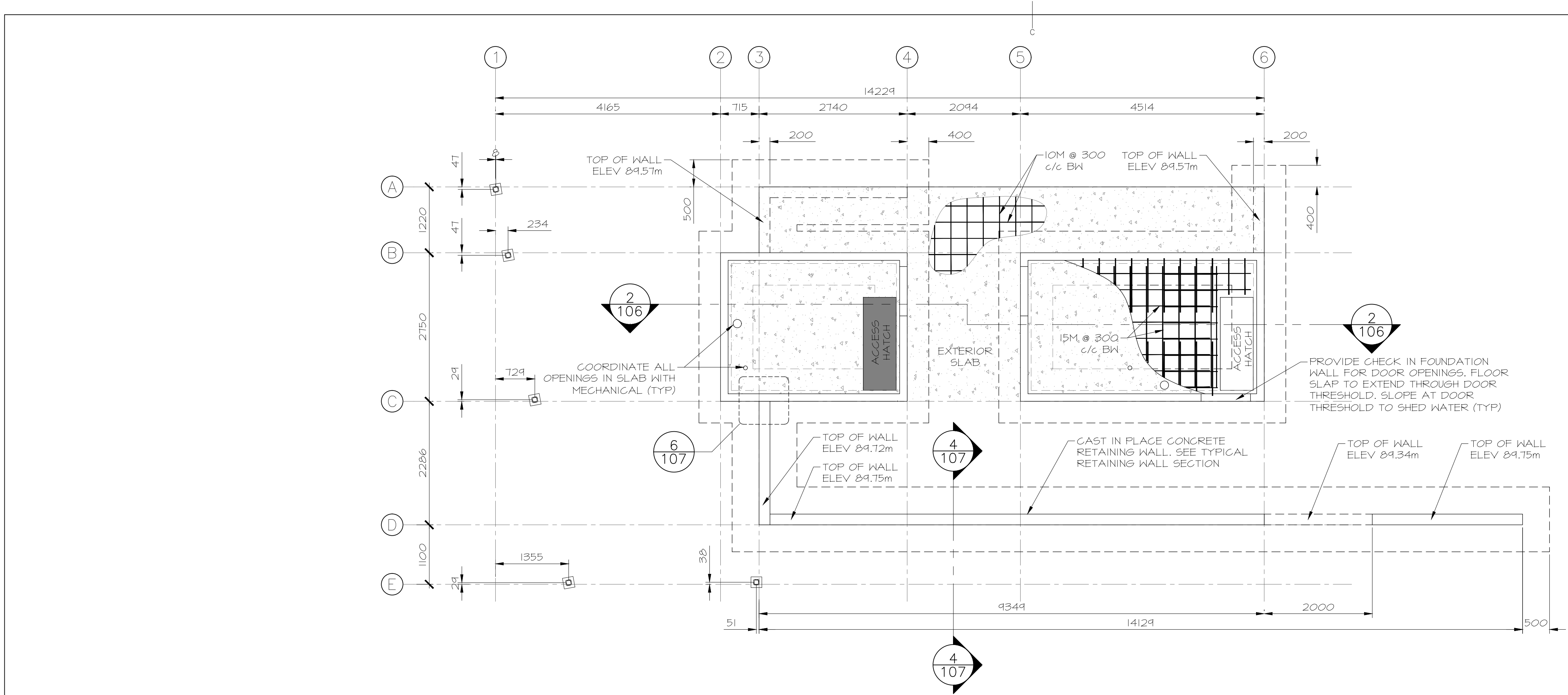
PWGSC Project Manager Administrateur de projets TPSCG

project number no. du projet

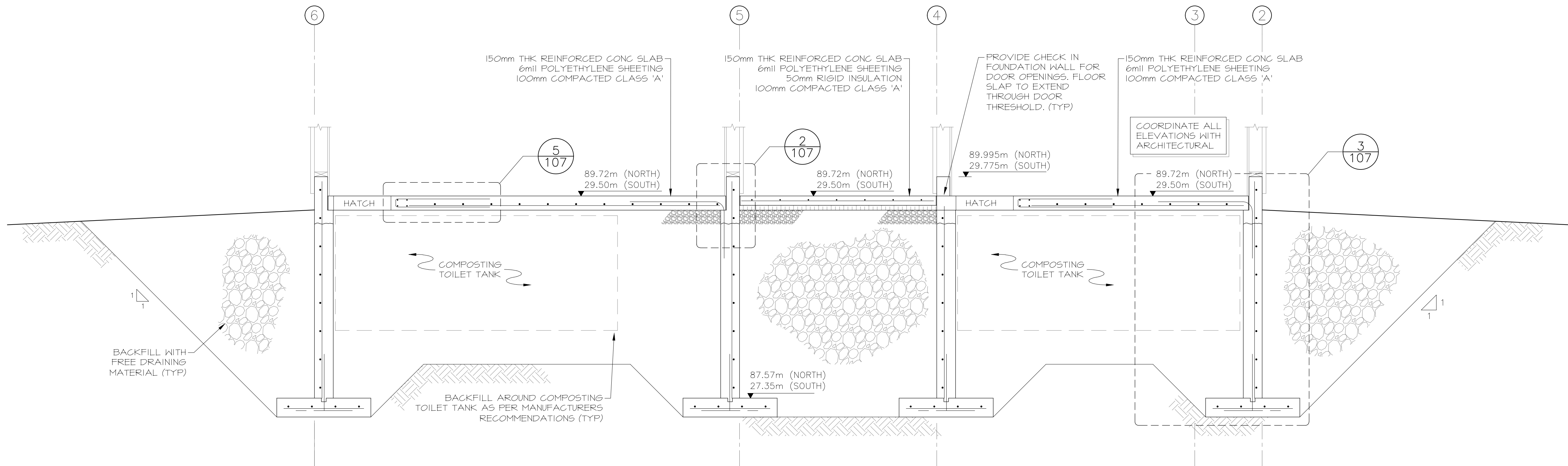
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drawing no. no. du dessin

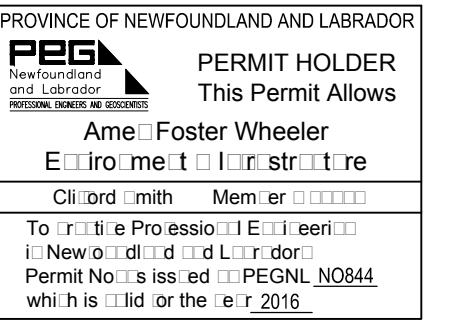
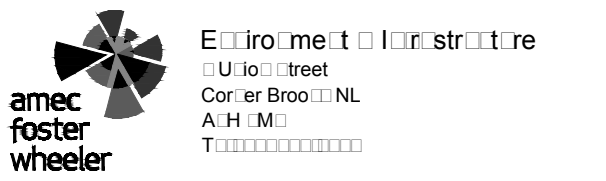
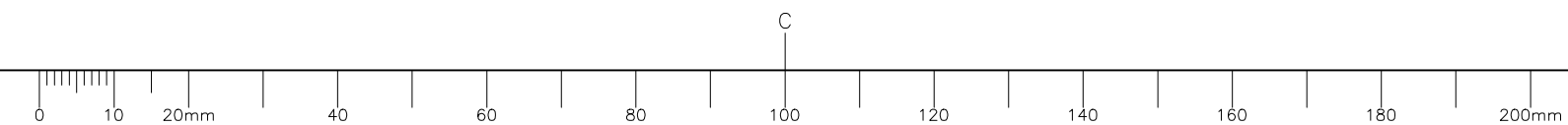
S-104.1



1 NORTH PAVILION FOUNDATION PLAN
SCALE : 1:50



2 FOUNDATION WALL - SECTION
SCALE : 1:25



2	ISSUED FOR TENDER	12/09/2016
1	ISSUED FOR REVIEW	09/19/2016
revisions		date

project TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT

drawing NORTH PAVILION PLAN & SECTION

designed INO

date SEPT 26, 2016

drawn CG

date SEPT 26, 2016

approved

date

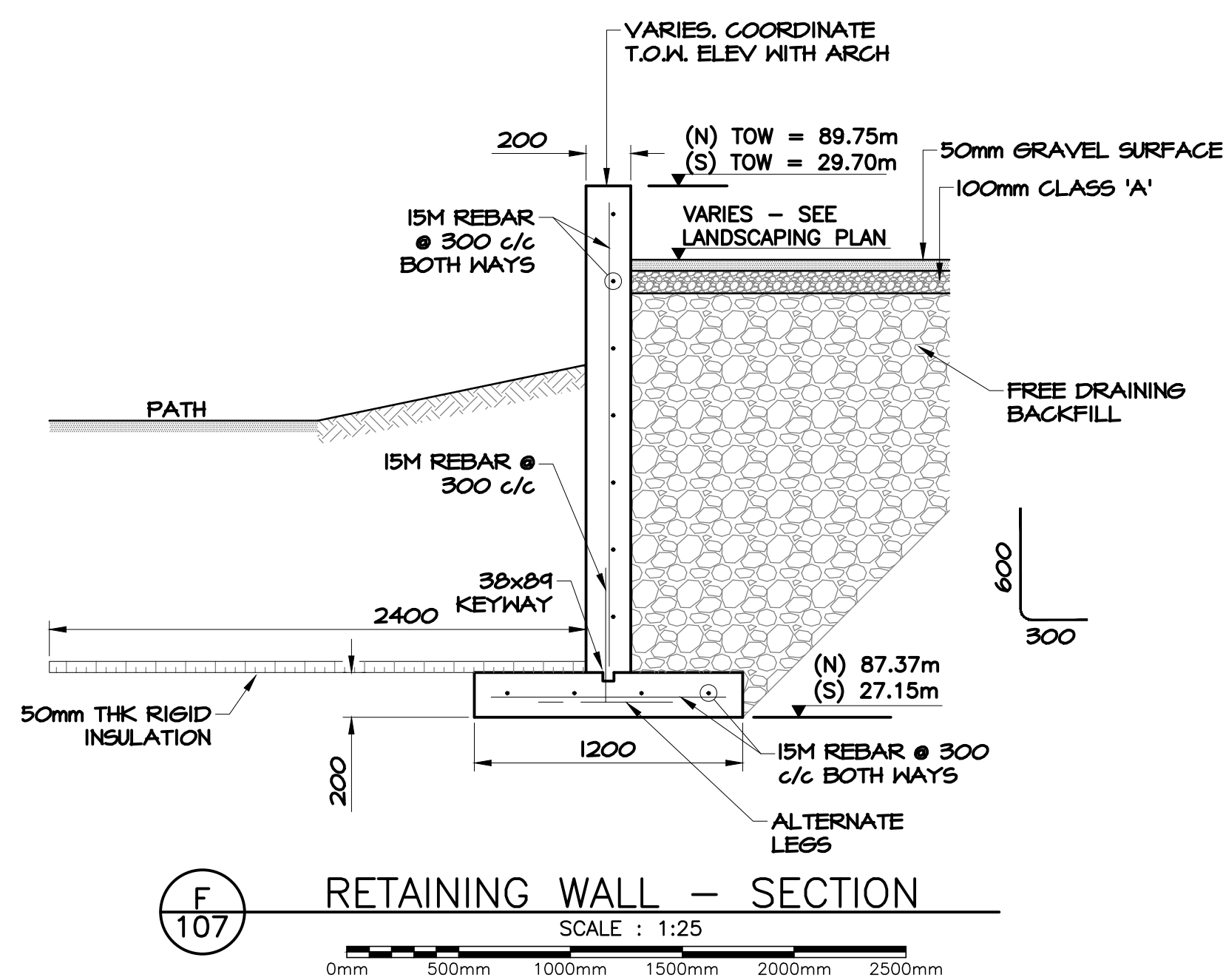
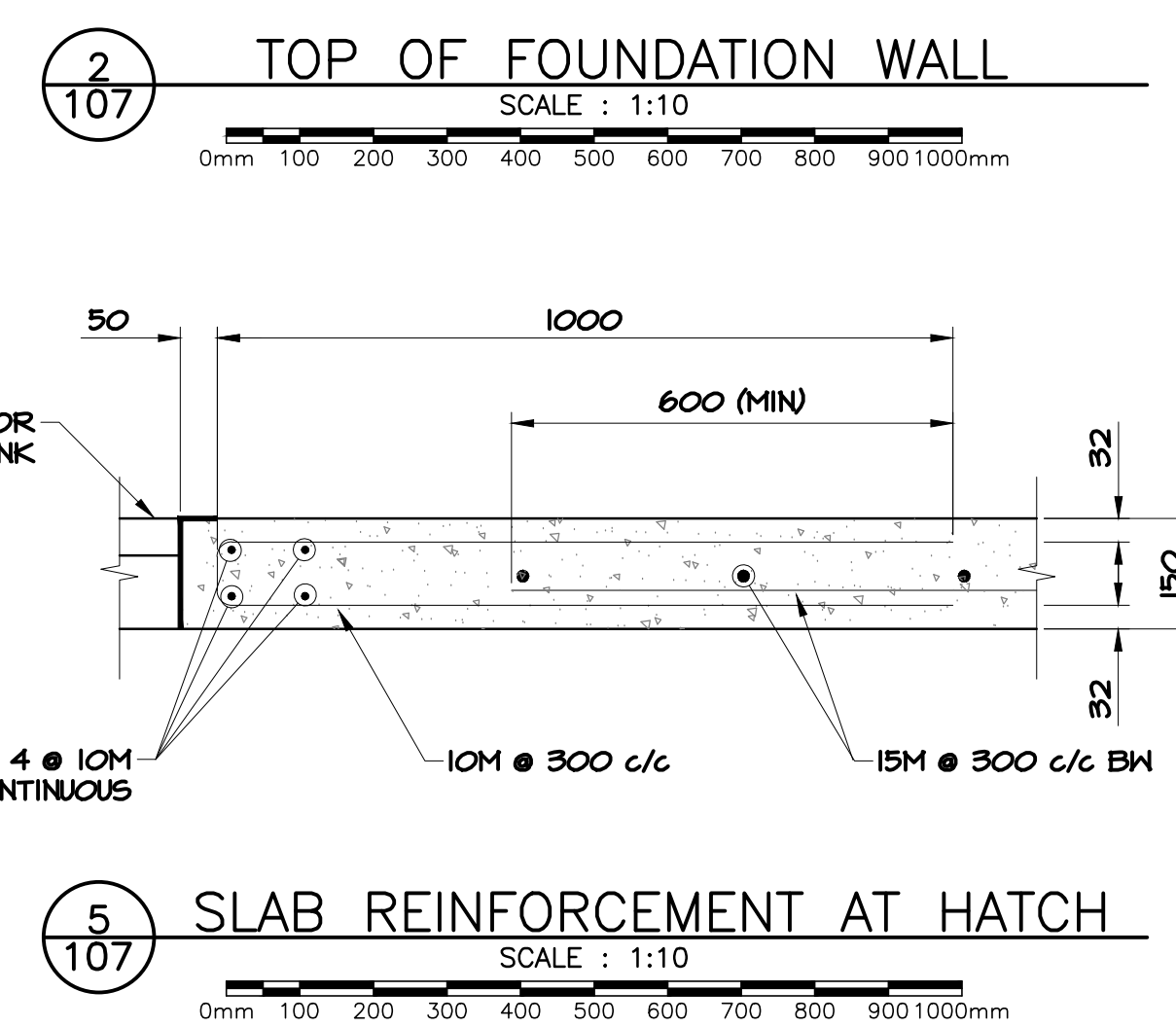
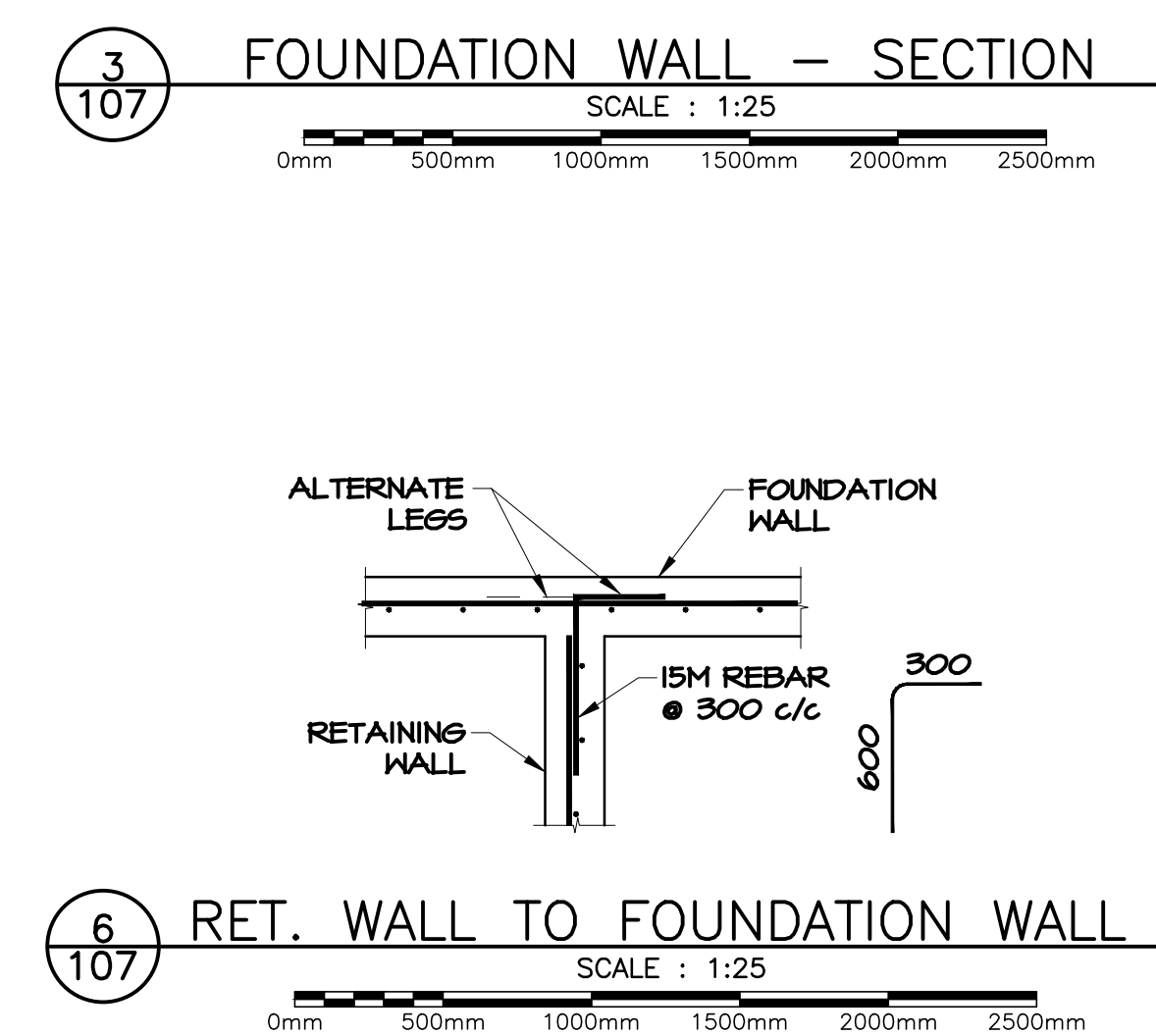
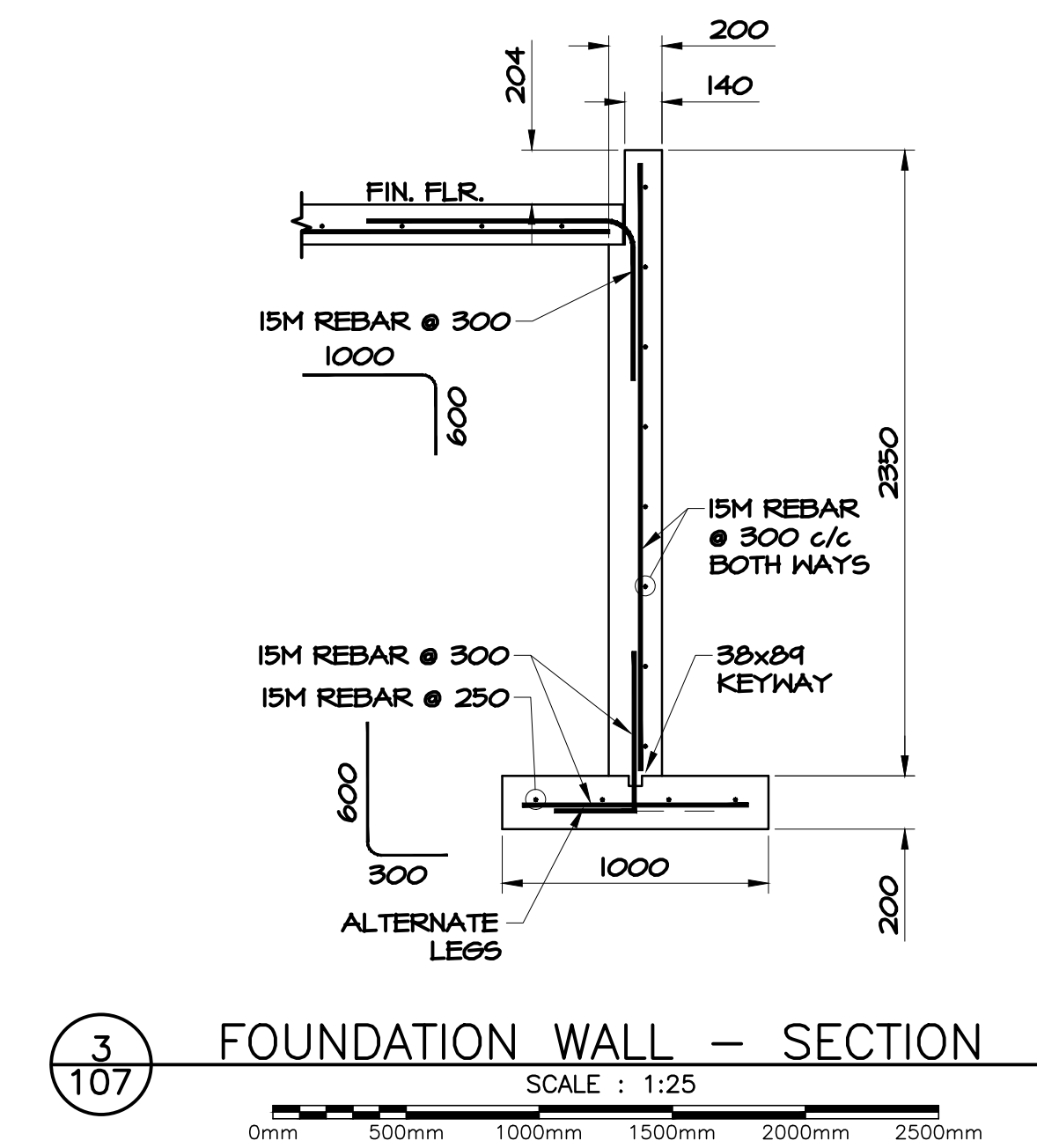
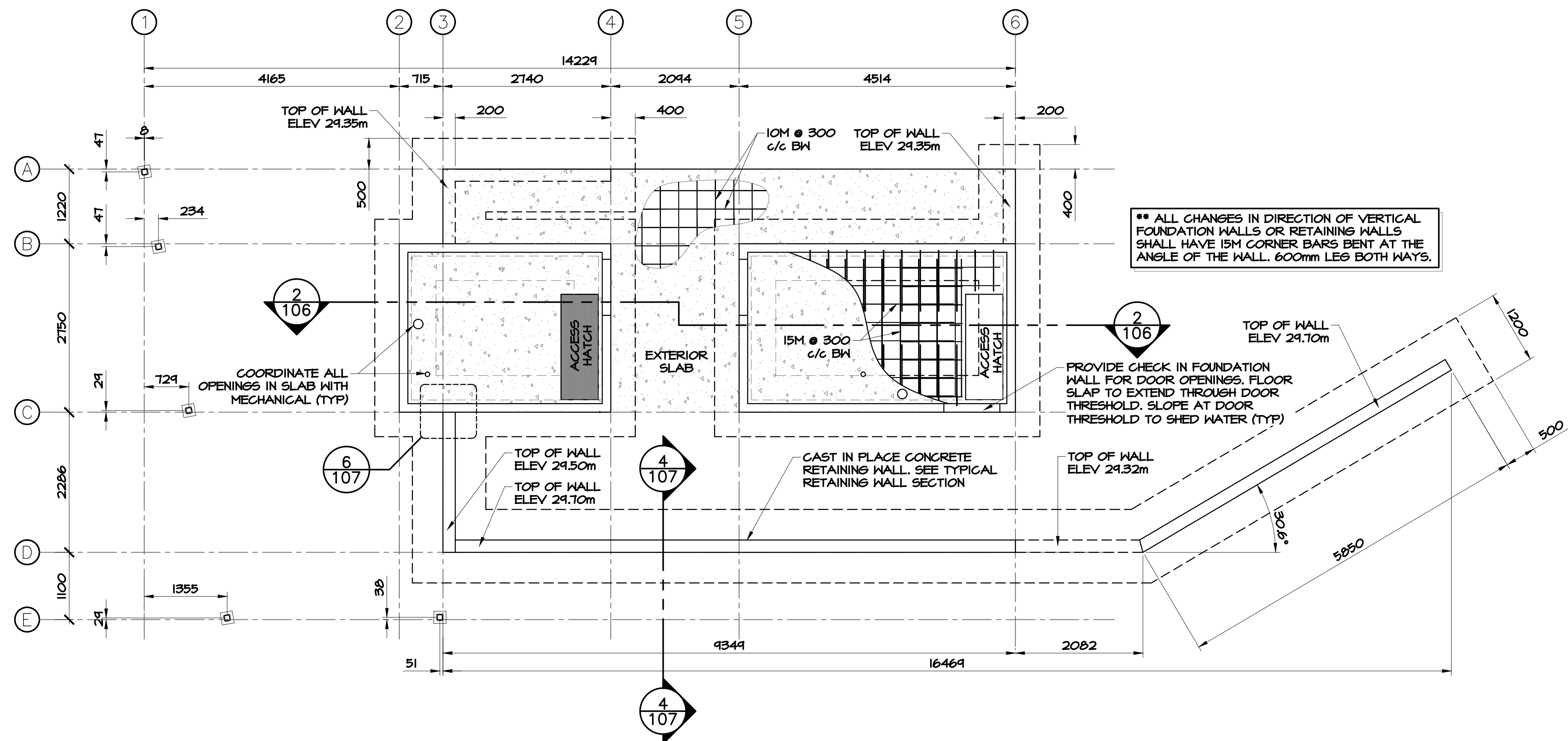
Tender

PWGSC Project Manager

project number

drawing no.

S-106



2	ISSUED FOR TENDER	12/09 2016
1	ISSUED FOR REVIEW	09/19 2016
visions		date

project	projet
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TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing _____ dessin _____

SOUTH PAVILION PLAN & DETAILS

signed **INO** conçu

SEPT 26, 2016

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CG

SEPT 26 2016

SEP 26, 2016

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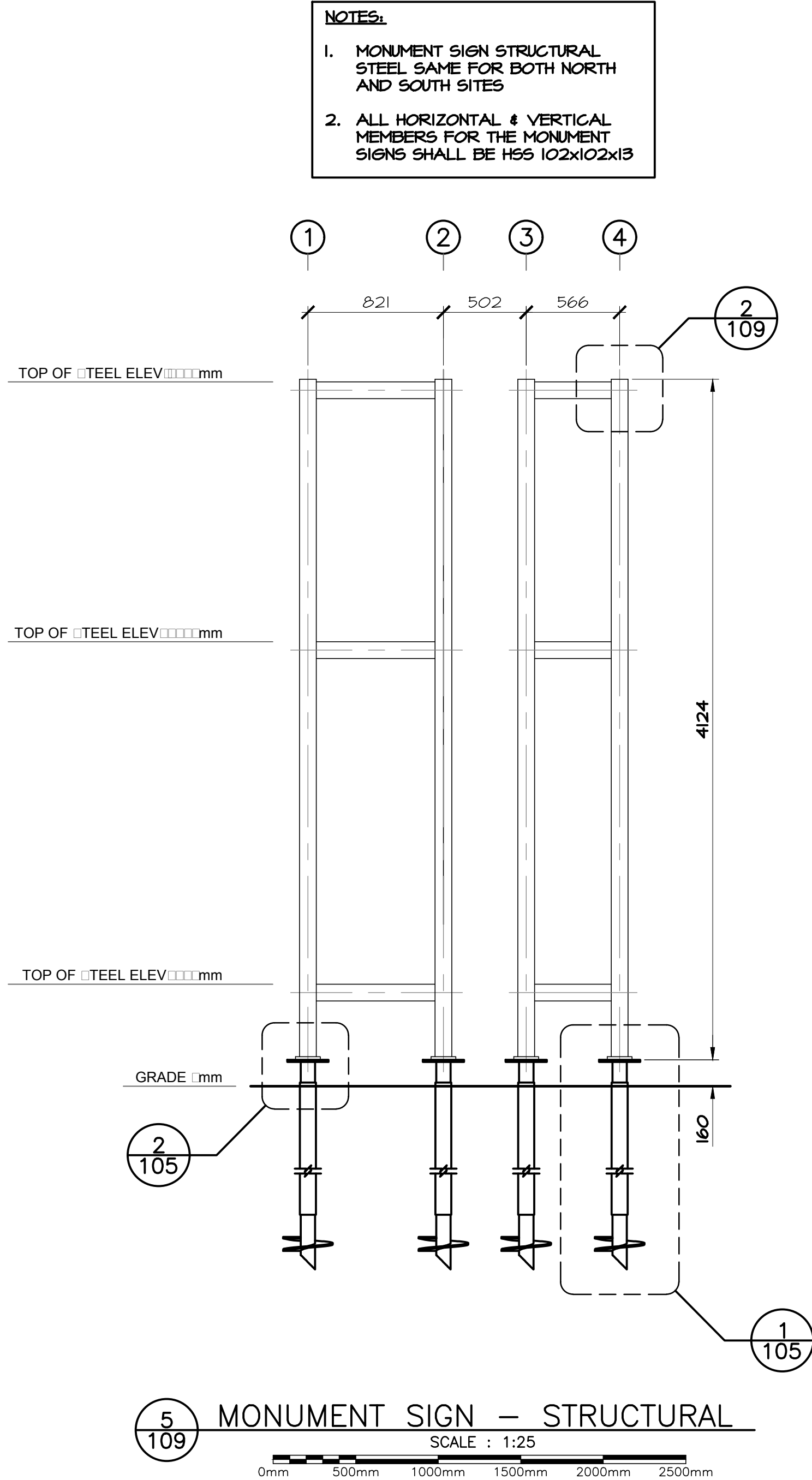
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nder	Soumission
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WGSC Project Manager Administrateur de projets TPSGC

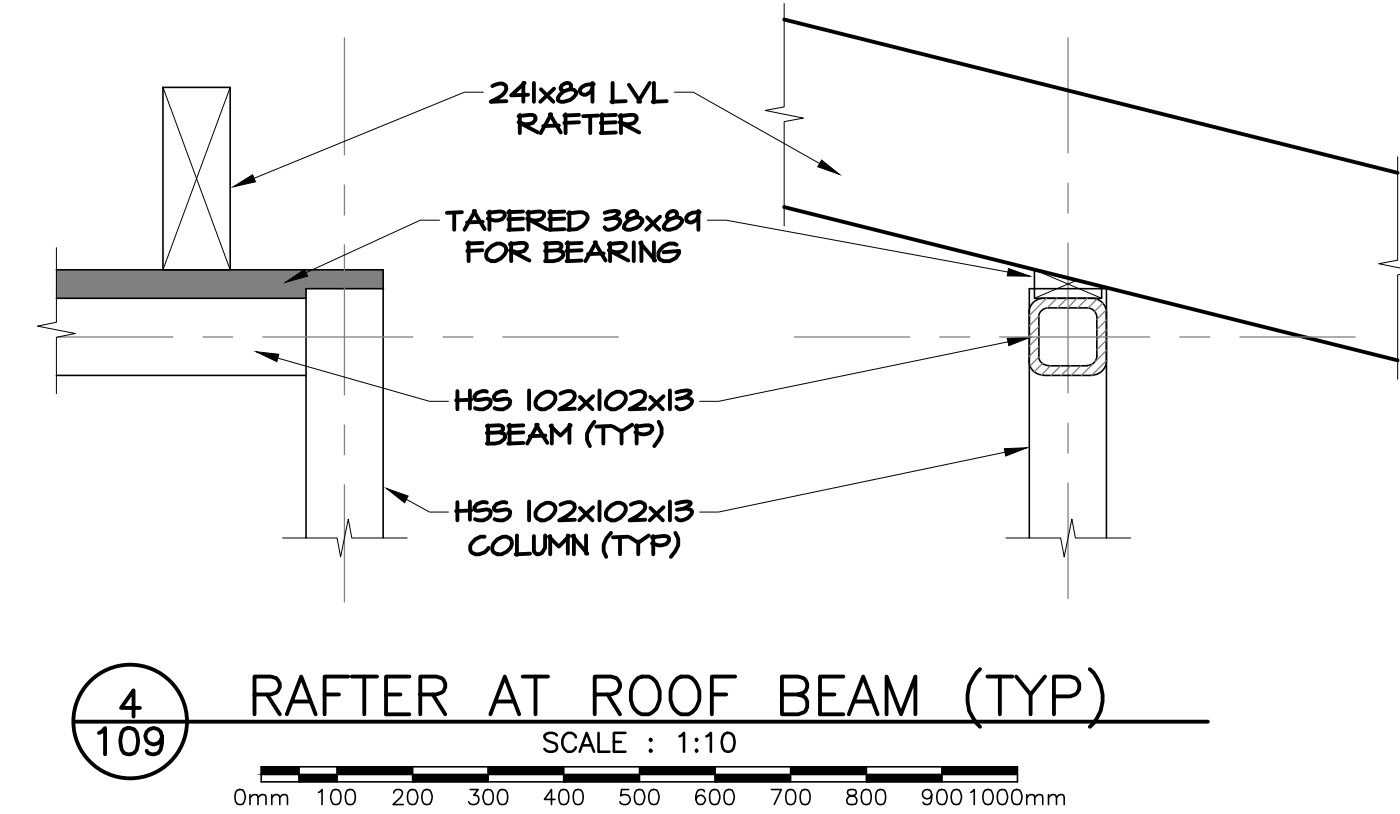
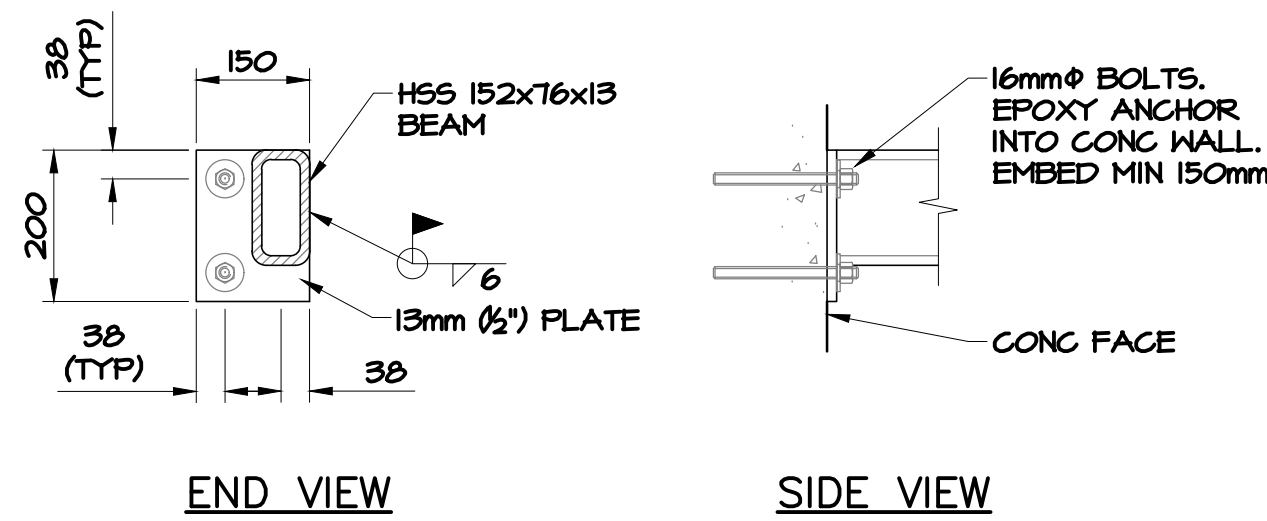
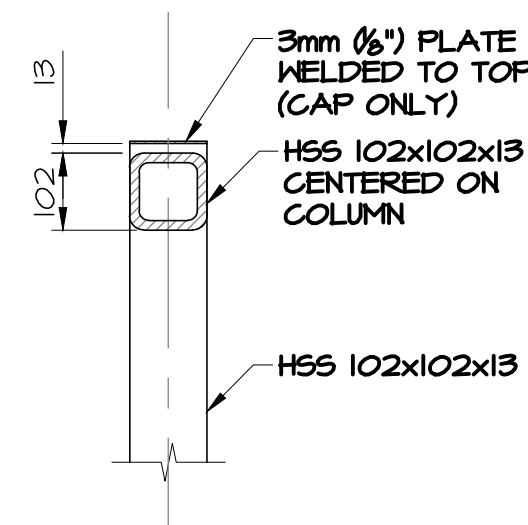
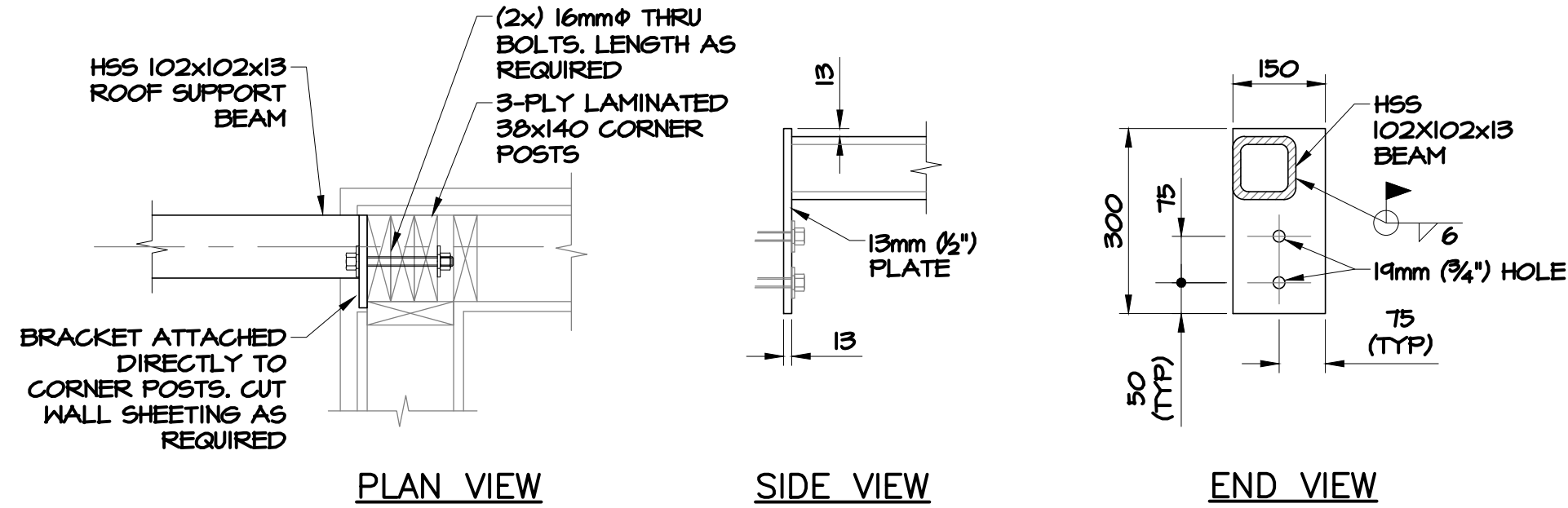
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STRUCTURAL CONCRETE NOTES:

- ALL CONCRETE TO MEET REQUIREMENTS OF CSA A23.1 AND A23.2 LATEST EDITION.
- ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 35 MPa @ 28 DAYS. MAXIMUM SIZE AGGREGATE 20 mm, AIR ENTRAINMENT 5-8%, SLUMP 100± 20mm.
- FOOTING TO BE FOUNDED ON 150mm MINUS ROCK FILL WITH A MINIMUM BEARING CAPACITY OF 600 kN/m².
- FORMWORK SHALL NOT BE REMOVED UNTIL CONCRETE HAS ATTAINED SUFFICIENT STRENGTH TO SUSTAIN AN APPLIED LOAD.
- REFER TO SECTION 21.2.3.4 OF C.S.A. STANDARDS WITH REGARD TO COLD WEATHER CONCRETING IF AIR TEMPERATURE IS AT OR BELOW +5°C
- ALL ADMIXTURES SHALL BE APPROVED BY THE ENGINEER.
- PROVIDE CONCRETE SEALER ON CONCRETE FLOOR SLAB.
- FOUNDING LEVEL TO BE INSPECTED PRIOR TO PLACEMENT OF CONCRETE.
- REINFORCING STEEL SHALL CONFORM TO G30.12 AND HAVE A MINIMUM YIELD STRENGTH OF 400 MPa.
- ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED, PLACED AND SUPPORTED IN ACCORDANCE WITH ACI 315 (LATEST EDITION)
- UNLESS NOTED OTHERWISE, MIN CONCRETE COVER FOR REBAR SHALL BE 50mm EXCEPT WHERE CAST AGAINST, AND PERMANENTLY SITTING AGAINST, THE EARTH WHICH WILL HAVE MIN. COVER OF 75mm.
- REBAR SPLICES TO BE 3Ø BAR DIAMETERS OR MINIMUM 600mm.
- PROVIDE 15M HORIZONTAL TIES (600 LEGS) AT ALL CORNERS AND INTERSECTIONS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS & EXISTING CONDITIONS IN THE FIELD. ALL ERRORS AND UNSATISFACTORY CONDITIONS TO BE REPORTED TO THE ENGINEER PRIOR TO START OF CONSTRUCTION.
- ROOF SNOW LOAD = 2.8kPa



2	ISSUED FOR TENDER	12/09 2016
1	ISSUED FOR REVIEW	09/19 2016
revisions		date

project

TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

MONUMENT SIGN
STRUCTURAL &
MISC. DETAILS

designed INO

date SEPT 26, 2016

drawn CG

date SEPT 26, 2016

approved

date

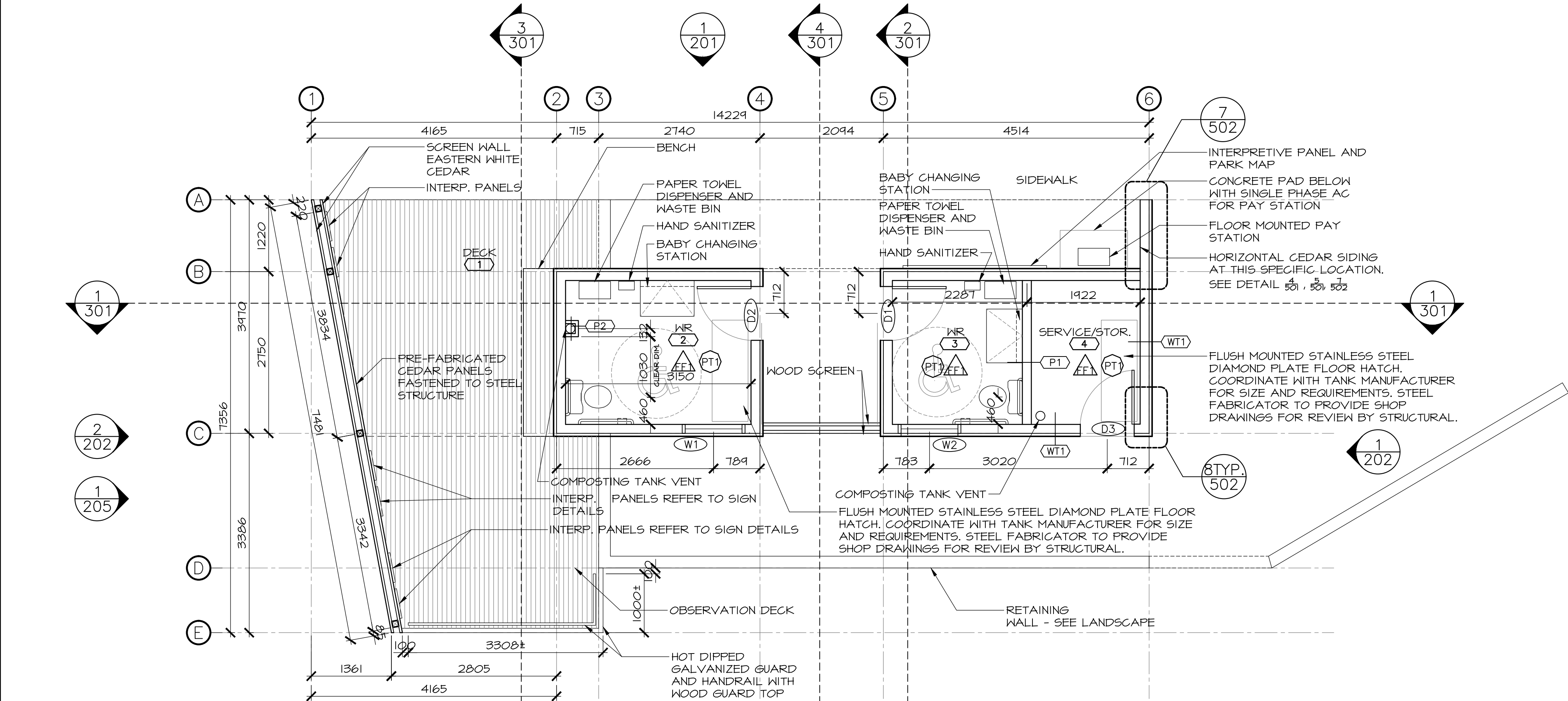
Tender

PWGSC Project Manager

project number

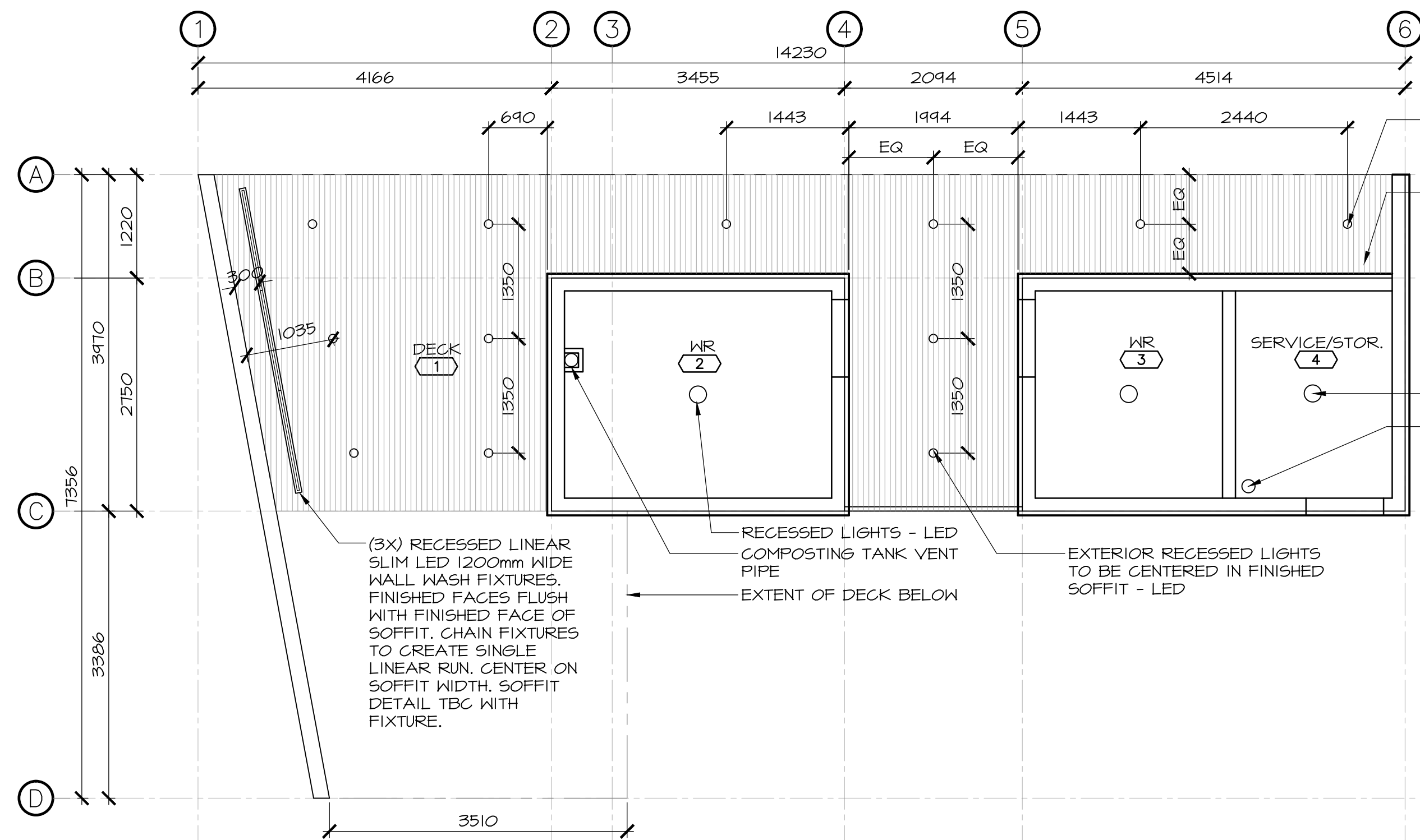
drawing no.

S-109



FLOOR PLAN

SCALE : 1:50



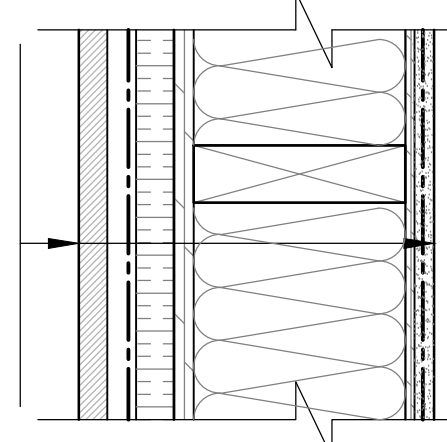
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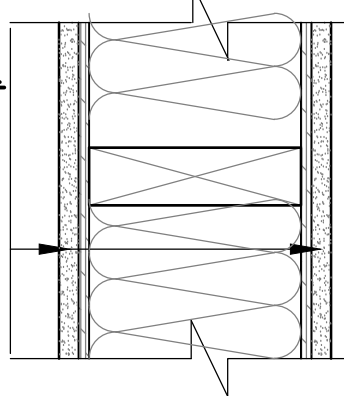
WT1

- WALL TYPE 1 - PLAN DETAIL**
- VERTICAL EAST/WHITE CEDAR
 - 19mm STRAPPING
 - AIR BARRIER
 - 25mm EPS RIGID FOAM INSULATION
 - 13mm EXTERIOR GRADE PLYWOOD
 - 140mm (2x6) WOOD STUD 410 O.C.
 - BATT INSULATION R-24
 - 6mm EXTERIOR GRADE PLYWOOD
 - 13mm WATER RESISTANT GYPSUM BOARD



P1

- INTERIOR PARTITION 1 - PLAN DETAIL**
- 13mm DRYWALL - PAINT - PT1
 - 6mm EXTERIOR GRADE PLYWOOD
 - 2x6 WOOD STUDS
 - ACOUSTIC BATT INSULATION
 - 6mm EXTERIOR GRADE PLYWOOD
 - 13mm DRYWALL - PAINT - PT1



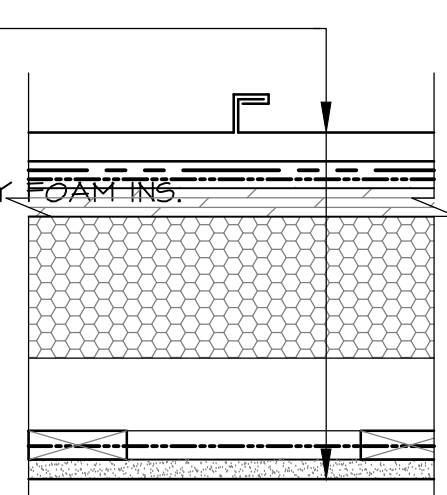
P2

- INTERIOR PARTITION 2 - PLAN DETAIL**
- 13mm DRYWALL - PAINT - PT1
 - 2X4 WOOD STUDS

R1

ROOF ASSEMBLY 1 - SECTION

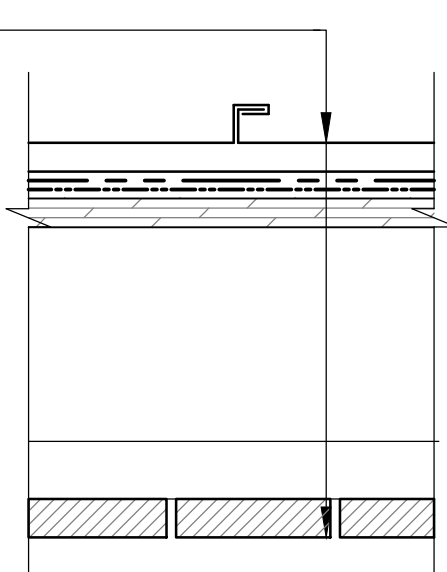
- STANDING SEAM METAL ROOF
- VENT/DRAINAGE MAT
- UNDERLAYMENT SBS MEMBRANE
- ROOF SHEATHING
- ENGINEERED STRUCTURE WITH SPRAY FOAMING
- 19mm STRAPPING
- VAPOR RETARDER MEMBRANE
- 13mm GYPSUM BOARD - PAINTED



R2

ROOF ASSEMBLY 2 - SECTION

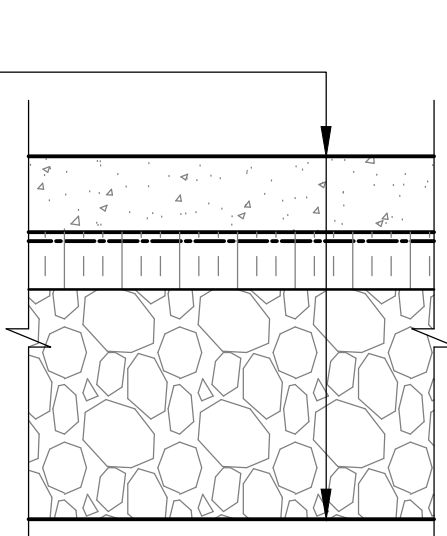
- STANDING SEAM METAL ROOF
- VENT/DRAINAGE MAT
- UNDERLAYMENT SBS MEMBRANE
- ROOF SHEATHING
- ENGINEERED STRUCTURE
- 38mm WOOD STRAPPING
- 25mm CEDAR BOARDS



F1

FLOOR TYPE 1

- FINISHED CONCRETE FLOOR
- 15 mil VAPOR RETARDER
- EPS RIGID FOAM INSULATION R-14
- DRAINAGE GRAVEL



WT WALL TYPE (EXTERIOR)

P PARTITION TYPE (INTERIOR)

W2 WINDOW #

FF FLOOR FINISH

PT PAINT FINISH

WINDOW / DOOR SCHEDULE

ITEM #	WIDTH	HEIGHT	DESCRIPTION	HARDWARE
W1	1320mm	560mm	ALUMINUM, OPERABLE	
W2	1320mm	560mm	ALUMINUM, OPERABLE	
D1	915mm	2134mm	METAL DOOR, STEEL FRAME	H-1
D2	915mm	2134mm	METAL DOOR, STEEL FRAME	H-1
D3	915mm	2134mm	METAL DOOR, STEEL FRAME	H-2

FF FINISHED CONCRETE FLOOR WITH SEALER AND HARDENER

PT1 BENJAMYN MOORE DESIGNER CLASSIC CC-20

3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project

TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

SOUTH SITE
PAVILION
FLOOR PLAN

designed CC/JB/BR/SC/KP

date

drawn BR/JB

date

approved

date

Tender

PWGS&C Project Manager Administrateur de projets TP&SC

project number

604

drawing no.

A-101

E-DRM/GDD-E: - - - -



3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project
TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT
dessin

drawing
SOUTH SITE POND LOOKOFF FLOOR PLAN
conçu

designed CC/JB/BR/SC/KP
date ----

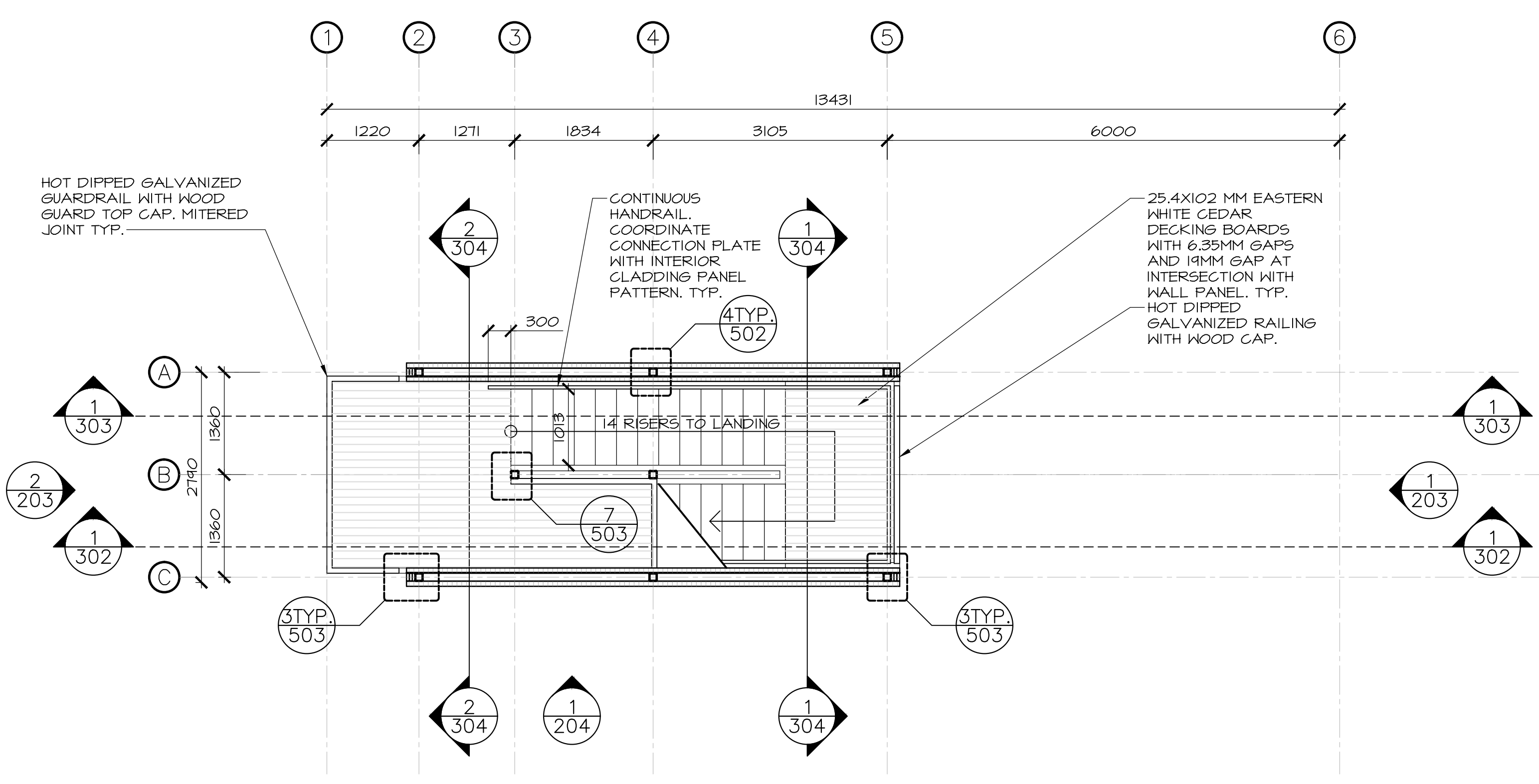
drawn BR/JB
date ----

approved
date

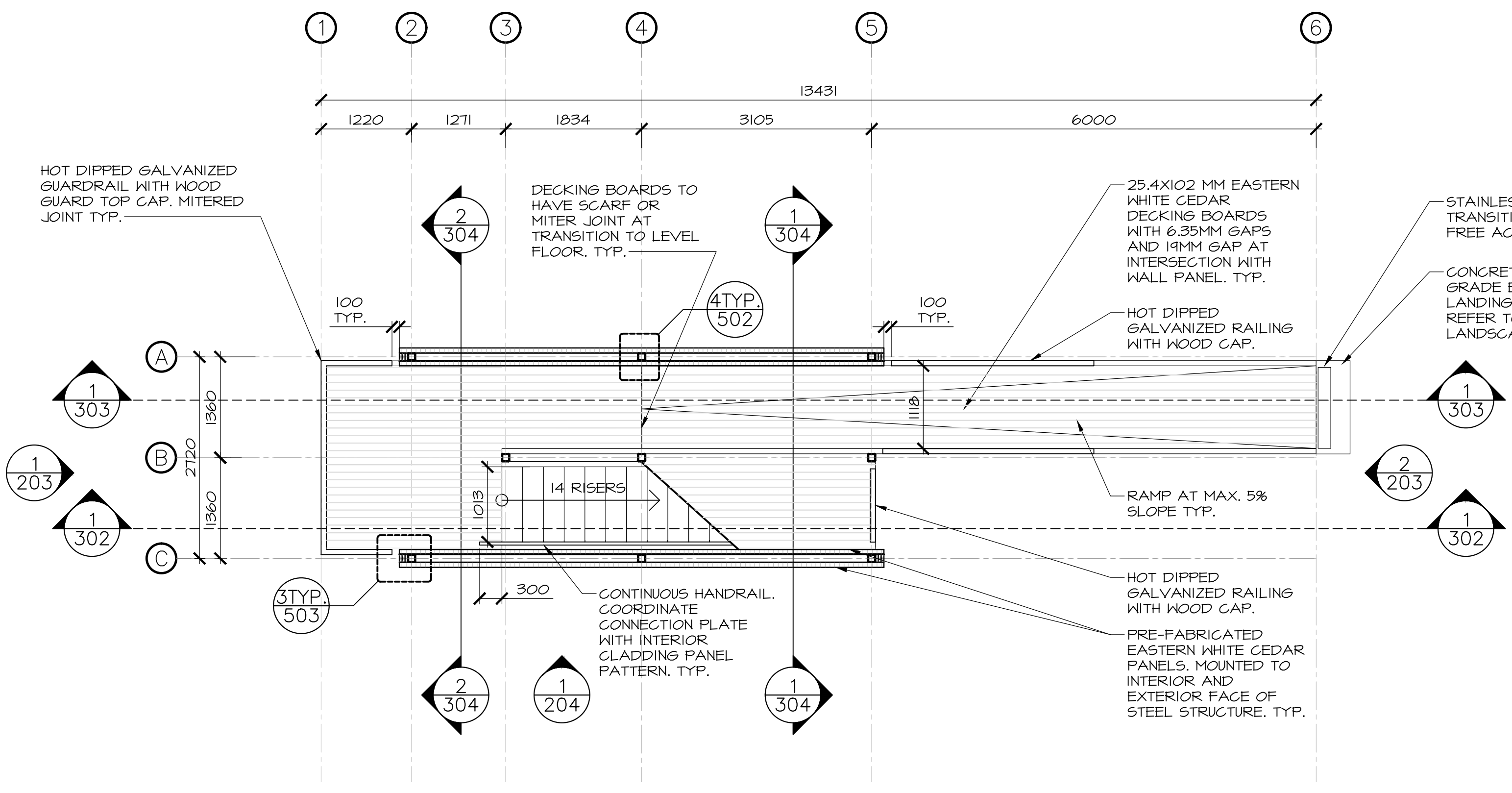
Tender
PWGSC Project Manager Administrateur de projets TPSCG

project number 604
no. du projet

drawing no. A-102
no. du dessin



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FLOOR PLAN - LV1
SCALE : 1:50
0m 1m 2m 3m 4m 5m



2
102
FLOOR PLAN - LV2
SCALE : 1:50
0m 1m 2m 3m 4m 5m

E-DRM/GDD-E: -----





3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project

TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

SOUTH SITE
LOOKOFF
ELEVATIONS

designed CC/JB/BR/SC/KP

date

drawn BR/JB

date

approved

date

Tender

PWGSC Project Manager

project number

604

drawing no.

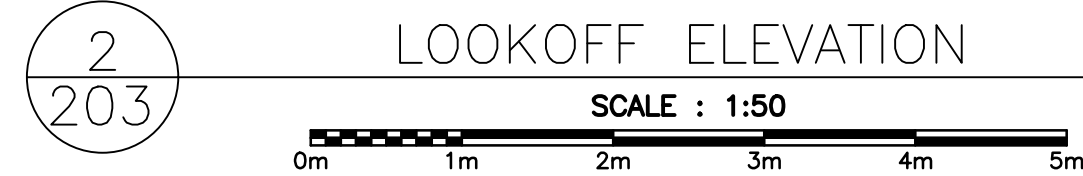
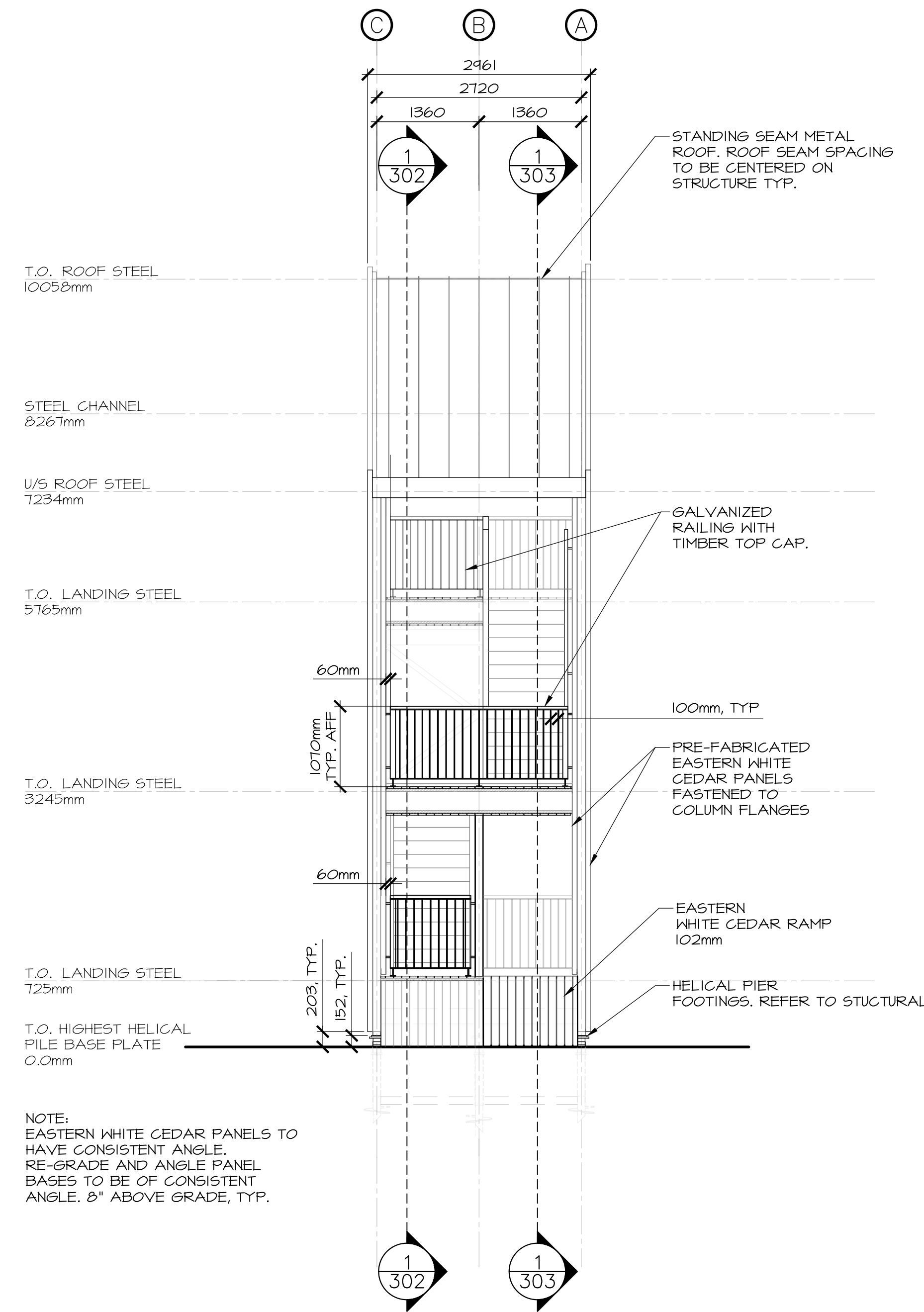
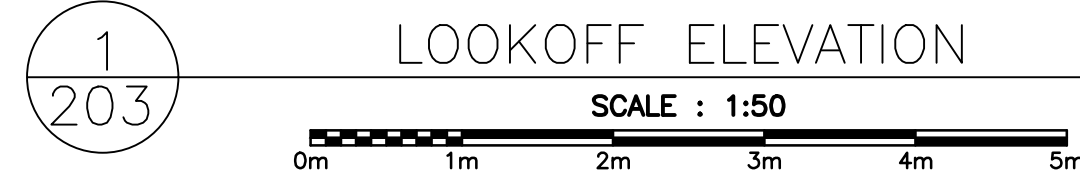
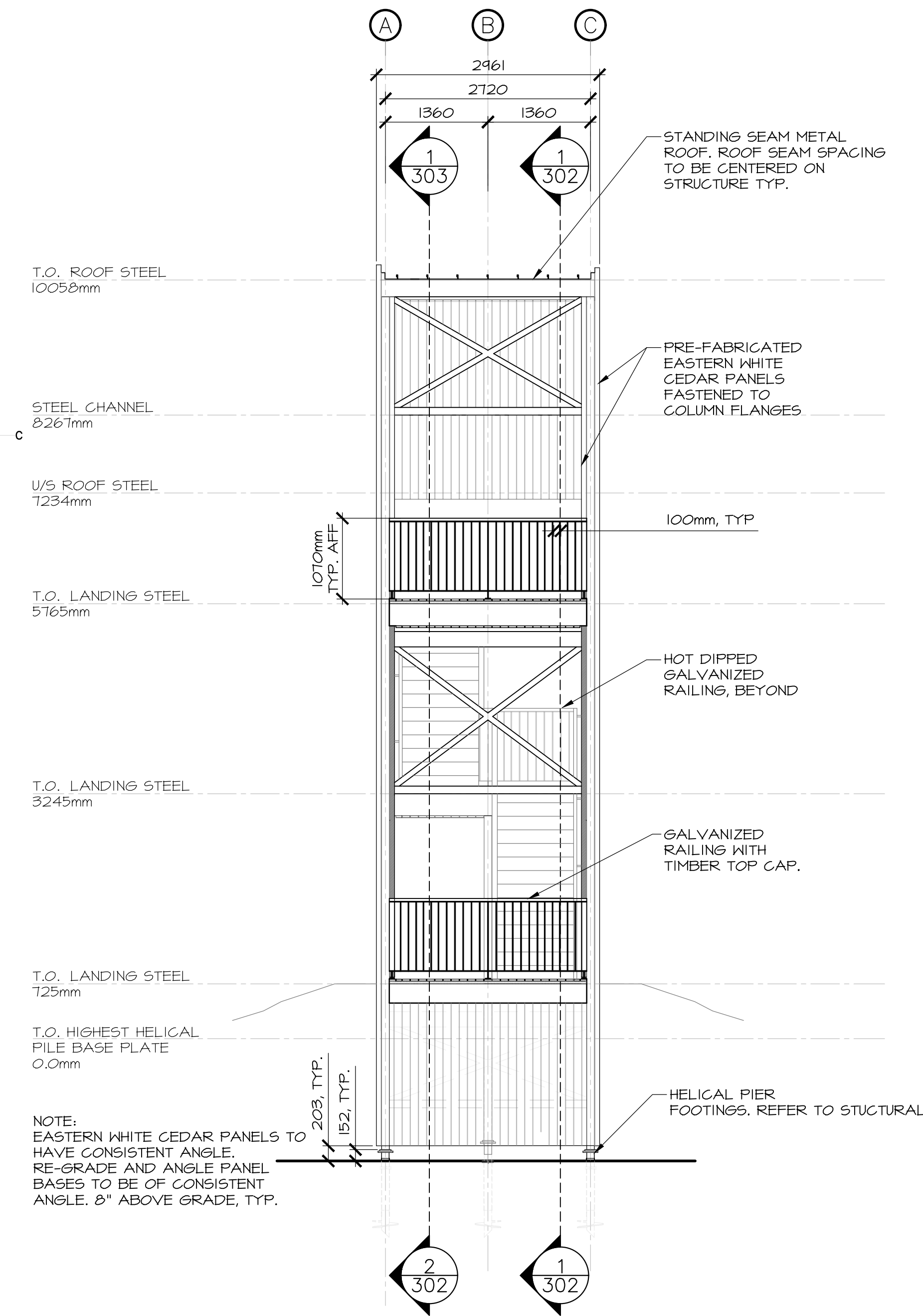
A-203

E-DRM/GDD-E: ----

C

C

0 10 20mm 40 60 80 100 120 140 160 180 200mm



project	project
---------	---------

drawing	dessin
---------	--------

designed CC/JB/BR/SC/KP conçu

drawn **BR / JB** dessiné

date: ----

approved	approuvé
----------	----------

date _____

Tender	2-FF	Soumission
--------	------	------------

PWGSC Project Manager Administrateur de projets TPSGC

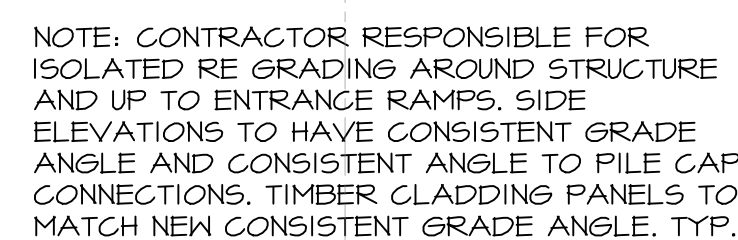
project number	no. du projet
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604

drawing no.	no. du dessin
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A-204

E-DRM/GDD-E: -----



SCALE : 1:50

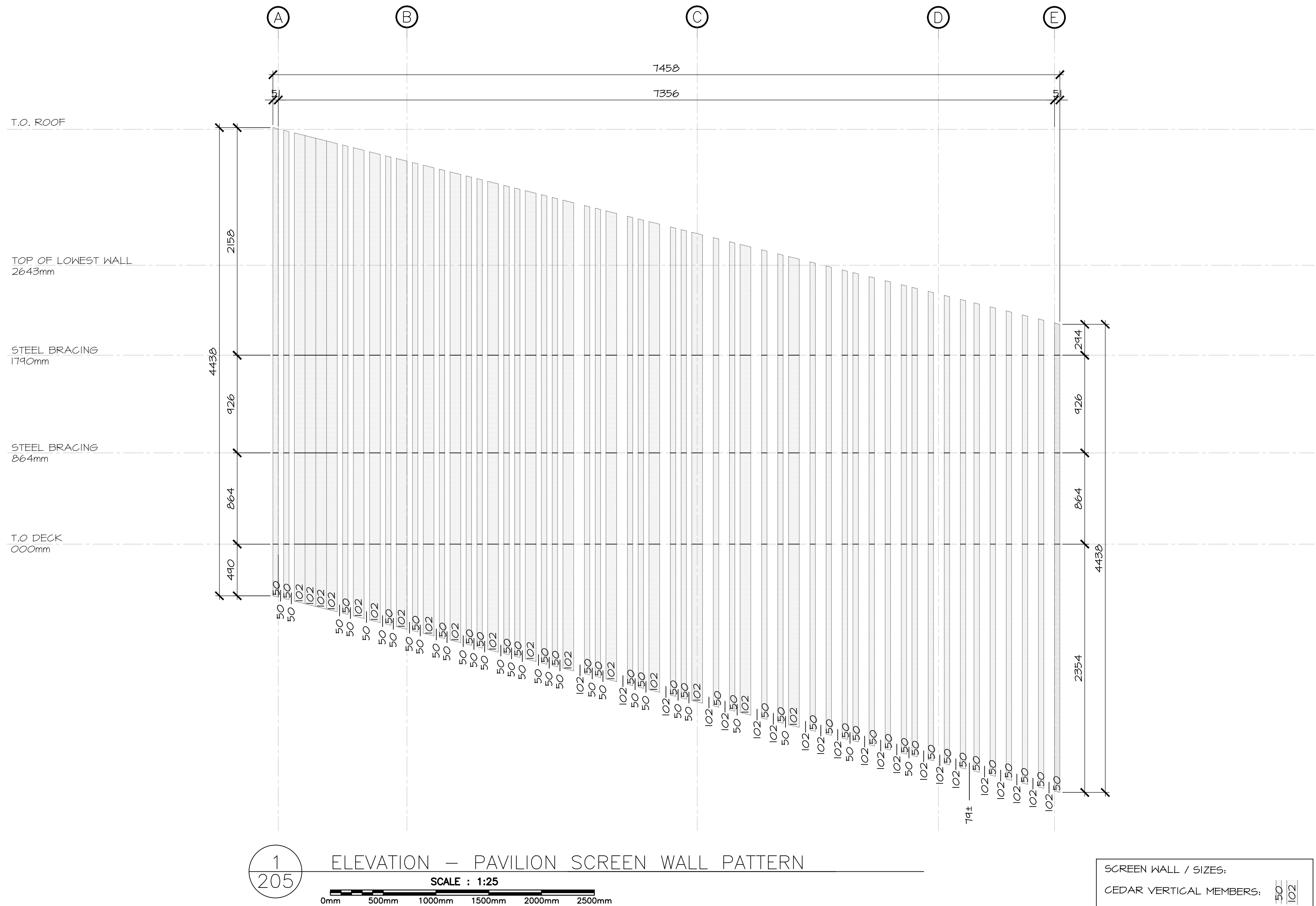


c

c

c

c

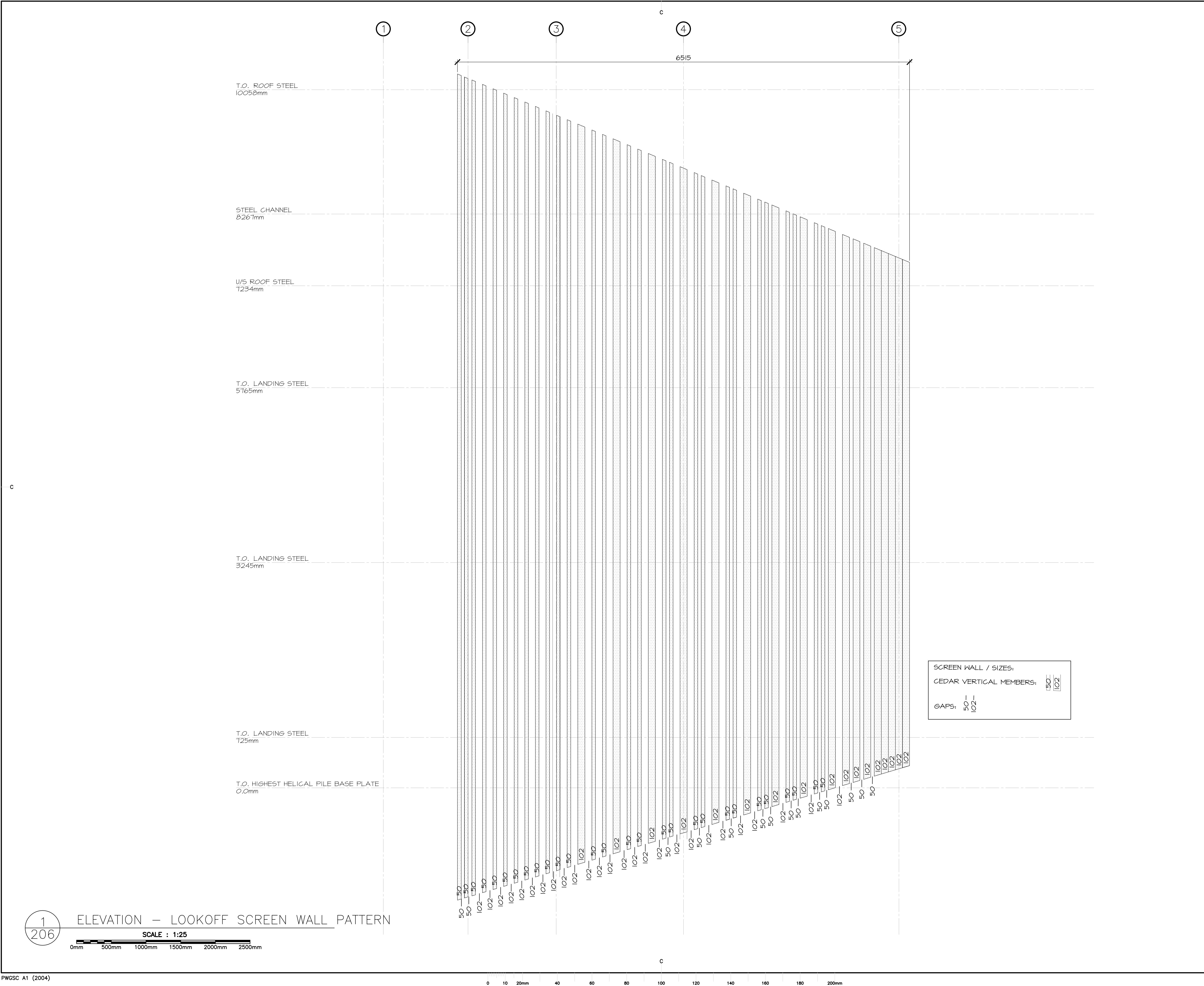


3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT

drawing SOUTH SITE PAVILION WOOD PANEL WALL ELEVATION

designed	CC/JB/BR/SC/KP	conçu
date	----	
drawn	BR/JB	dessiné
date	----	
approved		approuvé
date		
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSCG	
project number	604	no. du projet
drawing no.	A-205	no. du dessin



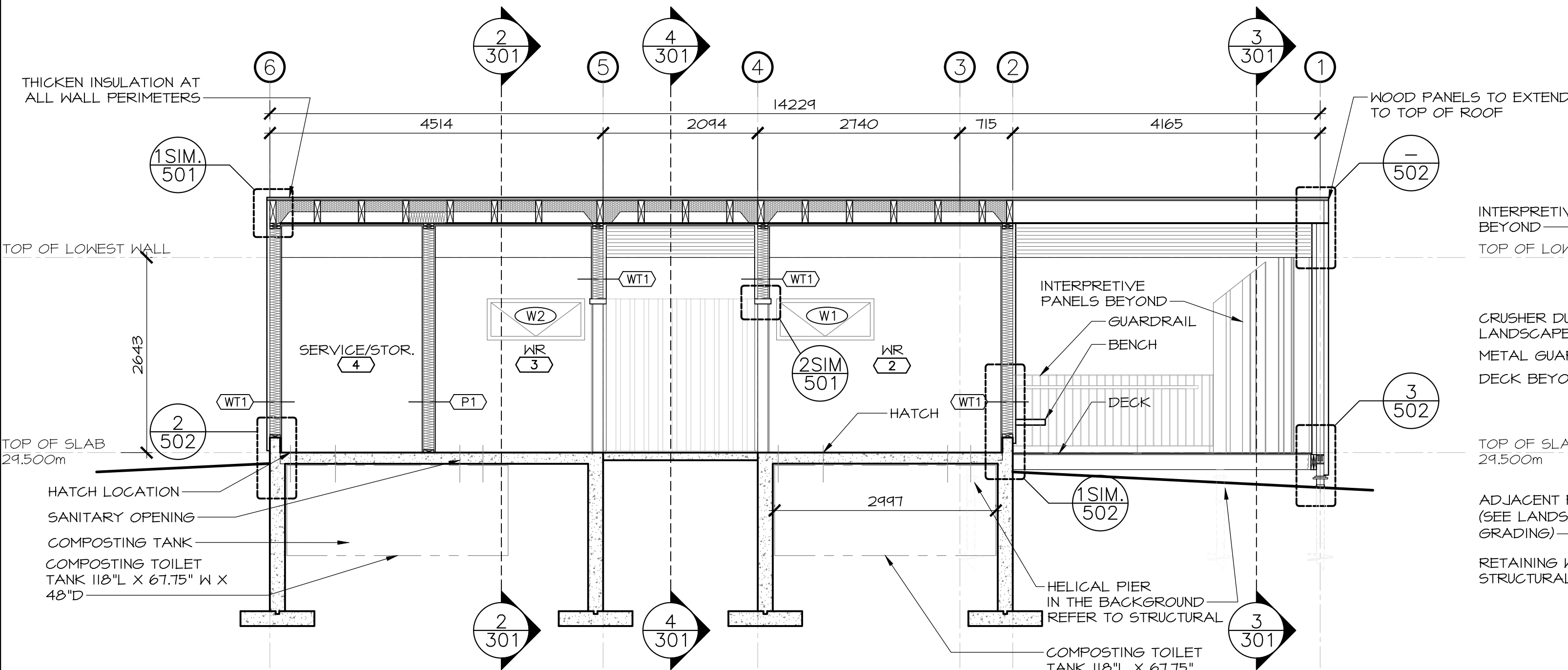
3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date
project	TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT	
drawing	SOUTH SITE LOOKOFF WOOD PANEL WALL ELEVATION	
designed	CC/JB/BR/SC/KP	conçu
date	----	
drawn	BR/JB	dessiné
date	----	
approved		approuvé
date		
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSCG	
project number	604	no. du projet
drawing no.	A-206	no. du dessin

E-DRM/GDD-E: ----

NOTES:

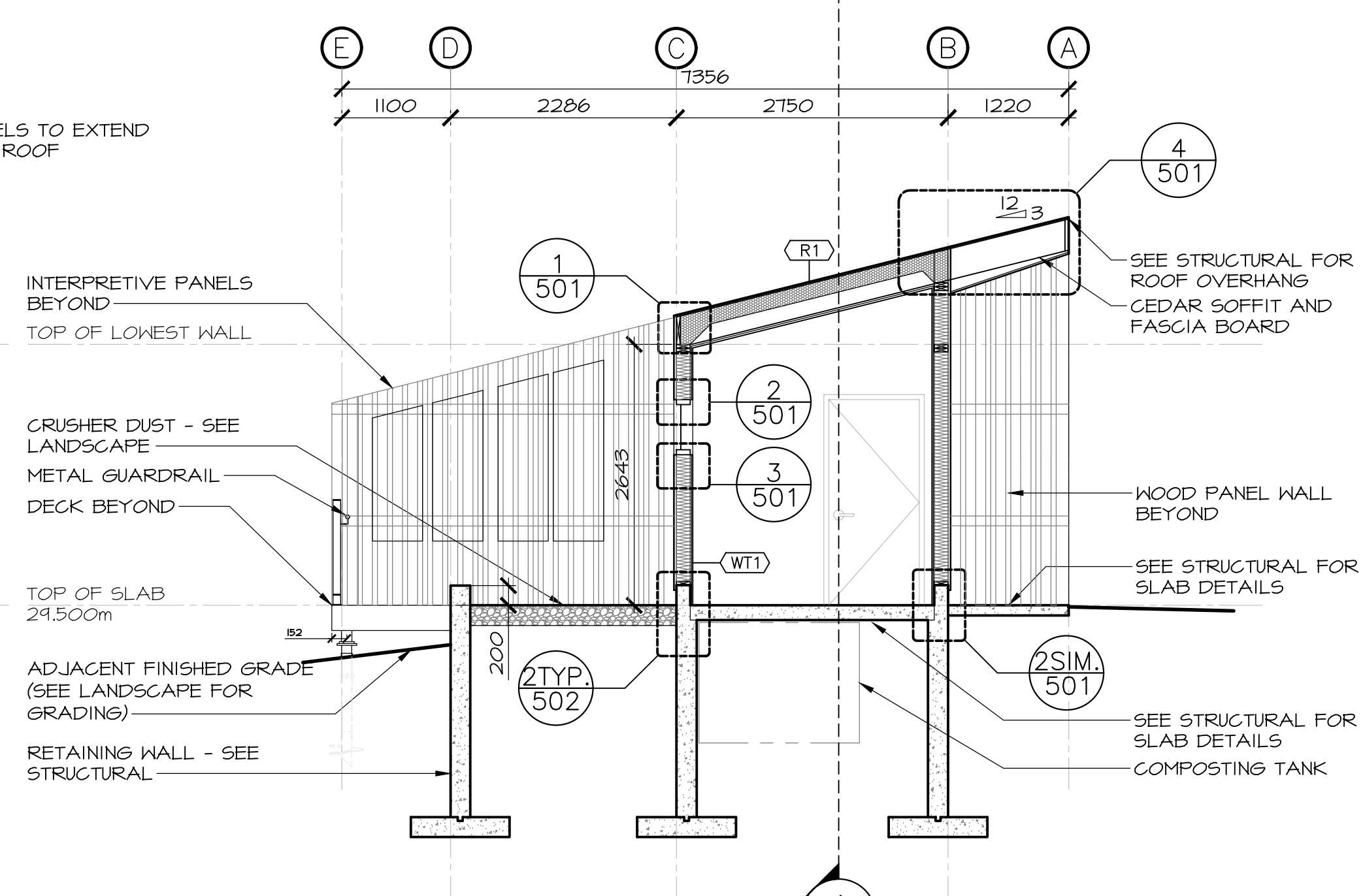
1. CONTRACTOR TO COORDINATE ALL FOUNDATION WALL OPENINGS WITH THRESHOLDS AND DOORS - SEE PLANS FOR LOCATIONS
2. CONTRACTOR TO COORDINATE COMPOSTING TANK DIMENSIONS TO ENSURE THAT NO OBSTRUCTIONS AT FOUNDATION WALLS PREVENTS PROPER FIT OF TANK.

- (WT) WALL TYPE (EXTERIOR)
(P) PARTITION TYPE (INTERIOR)
(W) WINDOW #
(PI) PAINT FINISH



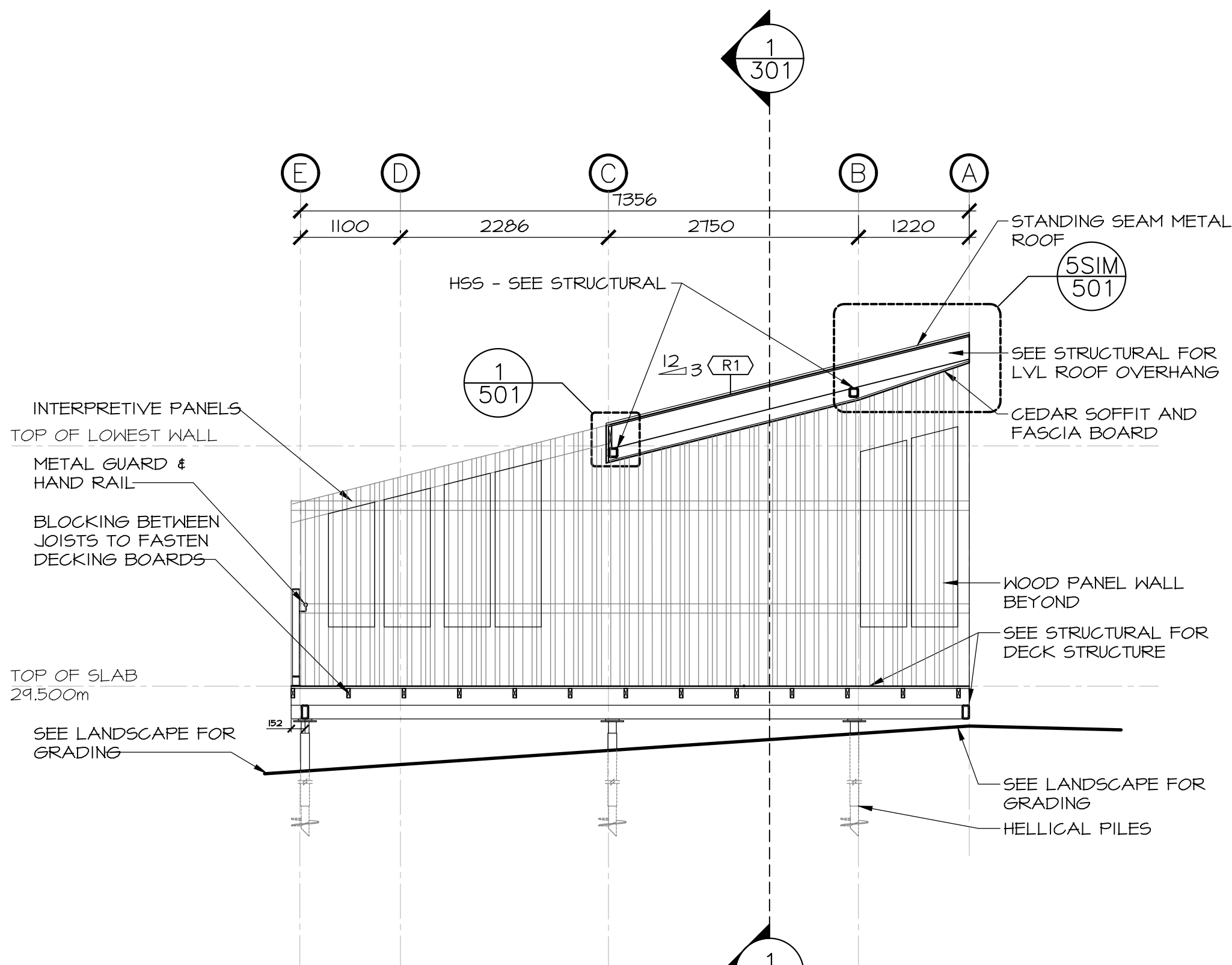
BUILDING SECTION

SCALE : 1:50



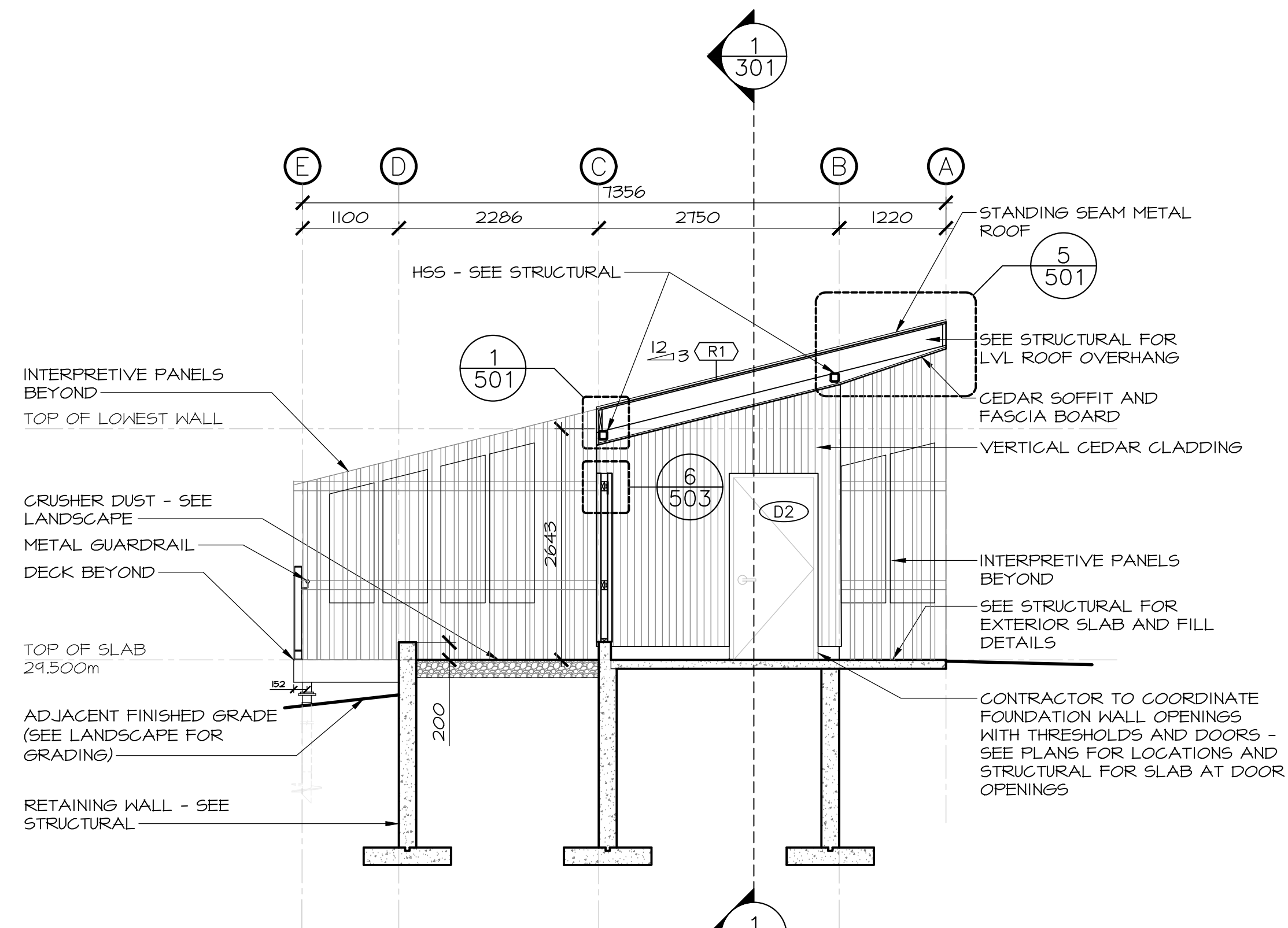
BUILDING SECTION

SCALE : 1:50



BUILDING SECTION

SCALE : 1:50



BUILDING SECTION

SCALE : 1:50



3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project

TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

SOUTH SITE
PAVILION
SECTIONS

designed CC/JB/BR/SC/KP

date

drawn BR/JB

date

approved

date

Tender

PWGSC Project Manager

project number

604

no. du projet

drawing no.

A-301

no. du dessin

E-DRM/GDD-E: - - - -

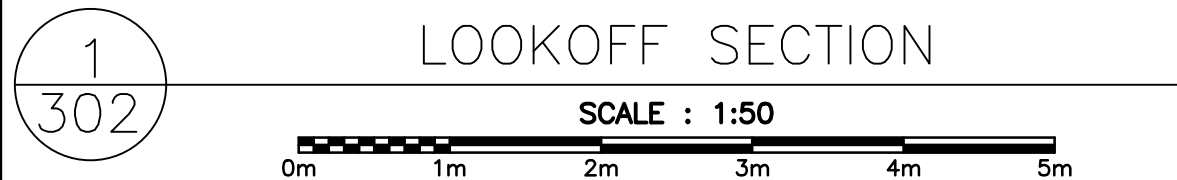
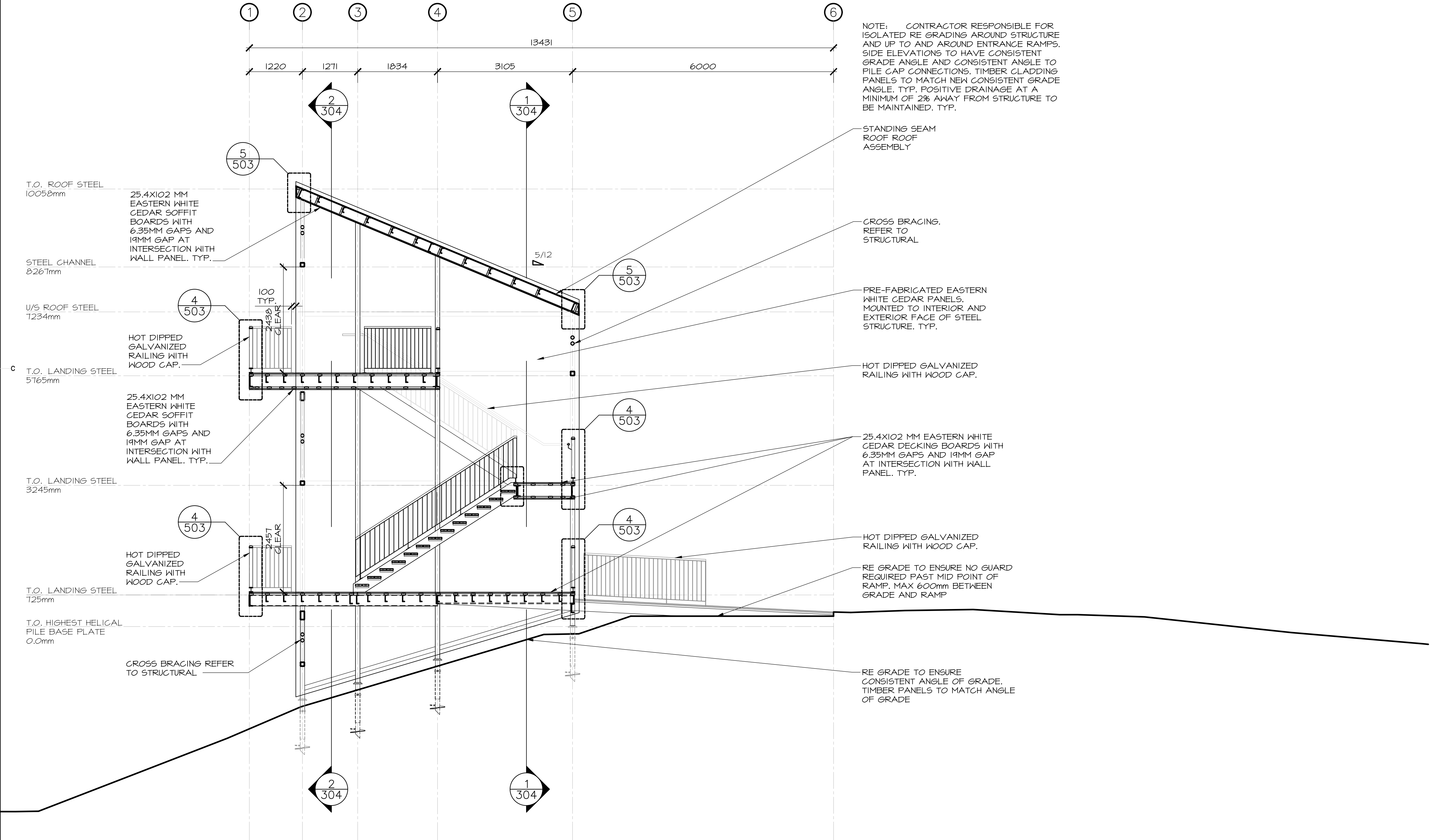


3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT

drawing SOUTH SITE LOOKOFF SECTIONS

designed	CC/JB/BR/SC/KP	conçu
date	----	
drawn	BR/JB	dessiné
date	----	
approved		approuvé
date		
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSCG	
project number	604	no. du projet
drawing no.	A-302	no. du dessin



E-DRM/GDD-E: -----





3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project

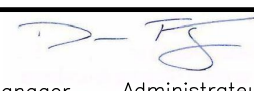
TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

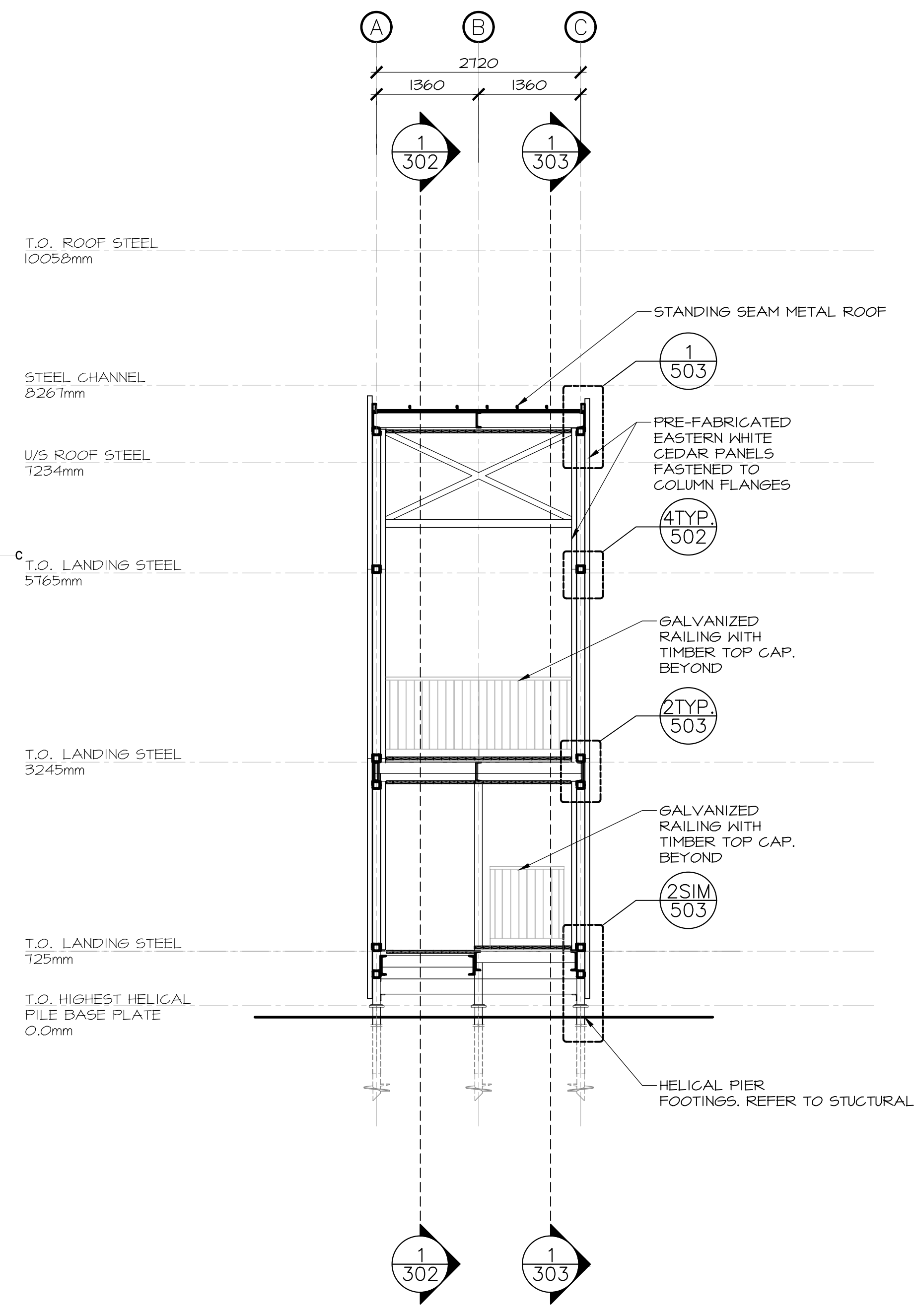
project

drawing

SOUTH SITE
LOOKOFF
SECTIONS

dessin

designed	CC/JB/BR/SC/KP	conçu
date	----	
drawn	BR/JB	dessiné
date	----	
approved		approuvé
date		
Tender		Soumission
PWGS&C Project Manager	Administrateur de projets TP&SC	
project number	604	no. du projet
drawing no.	A-304	no. du dessin

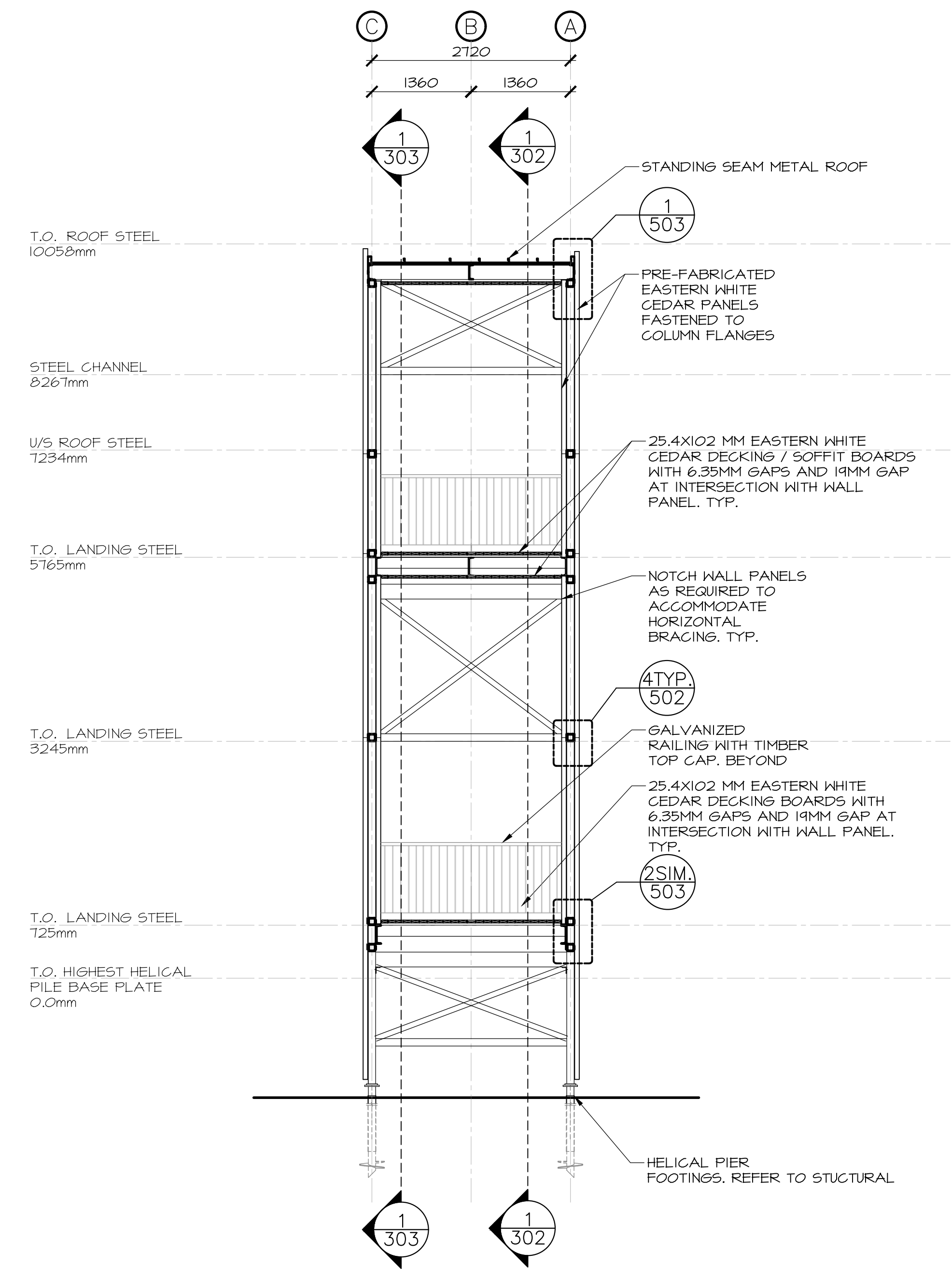


1
304

LOOKOFF SECTION

SCALE : 1:50

0m 1m 2m 3m 4m 5m

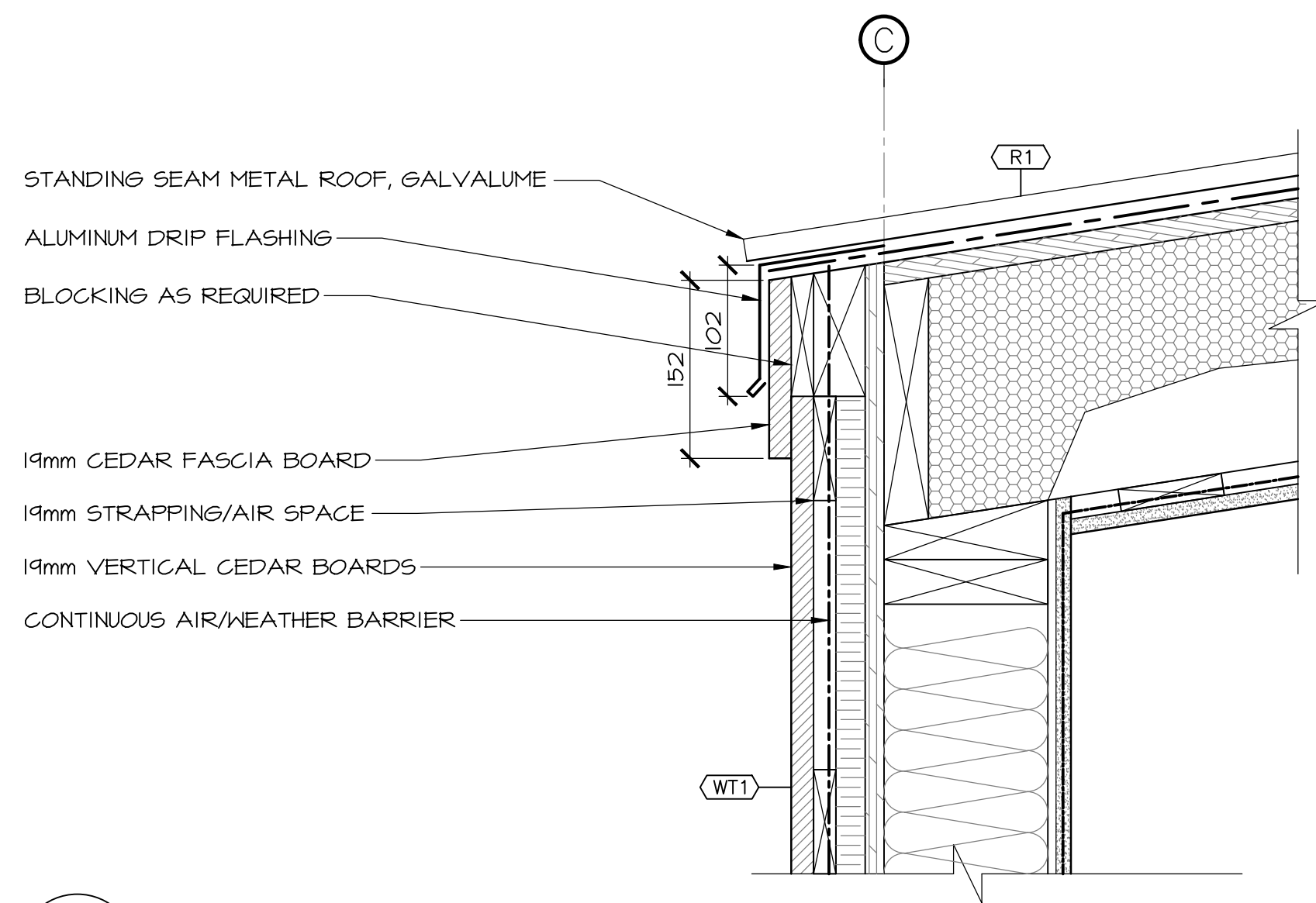


2
304

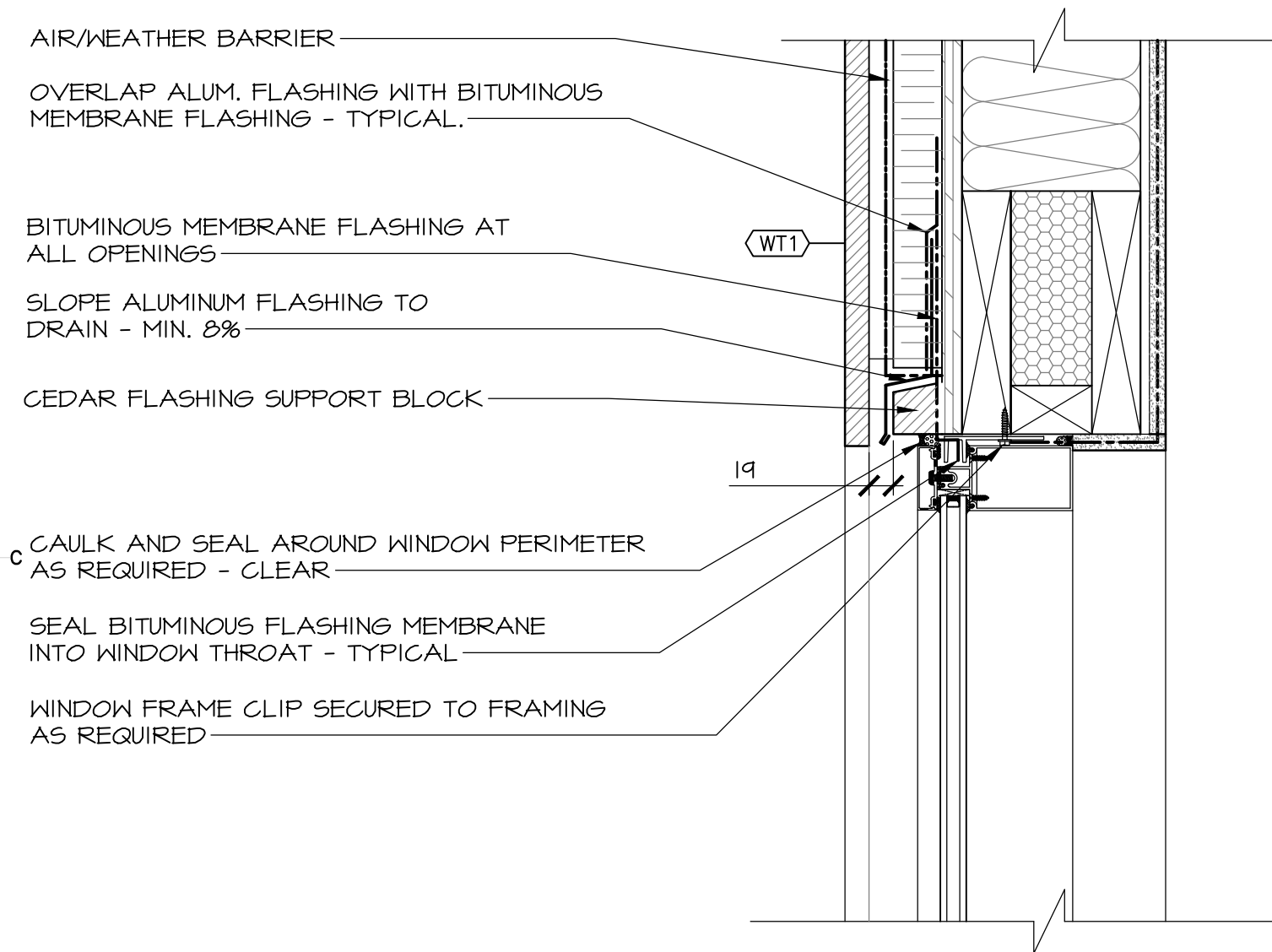
LOOKOFF SECTION

SCALE : 1:50

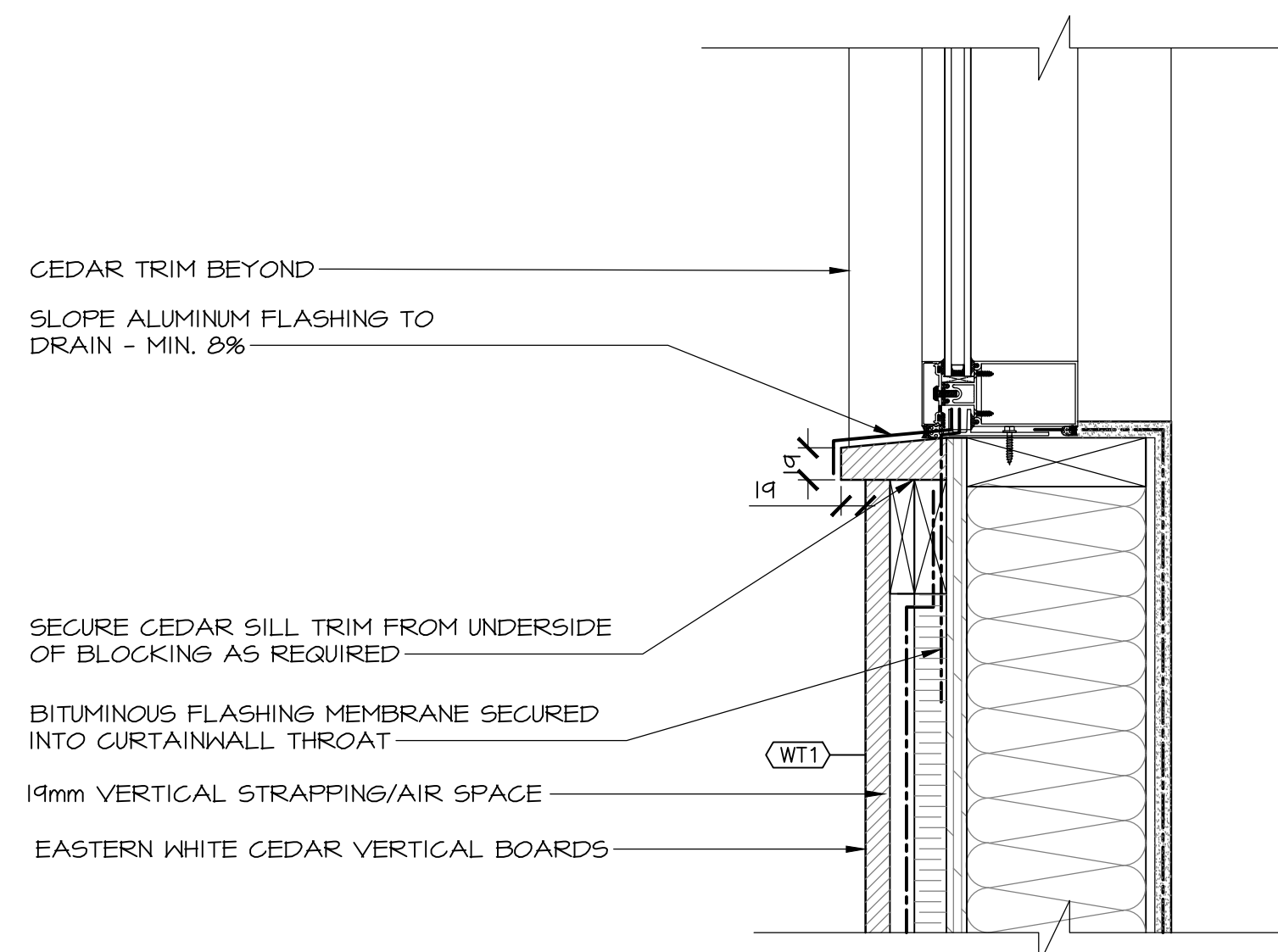
0m 1m 2m 3m 4m 5m



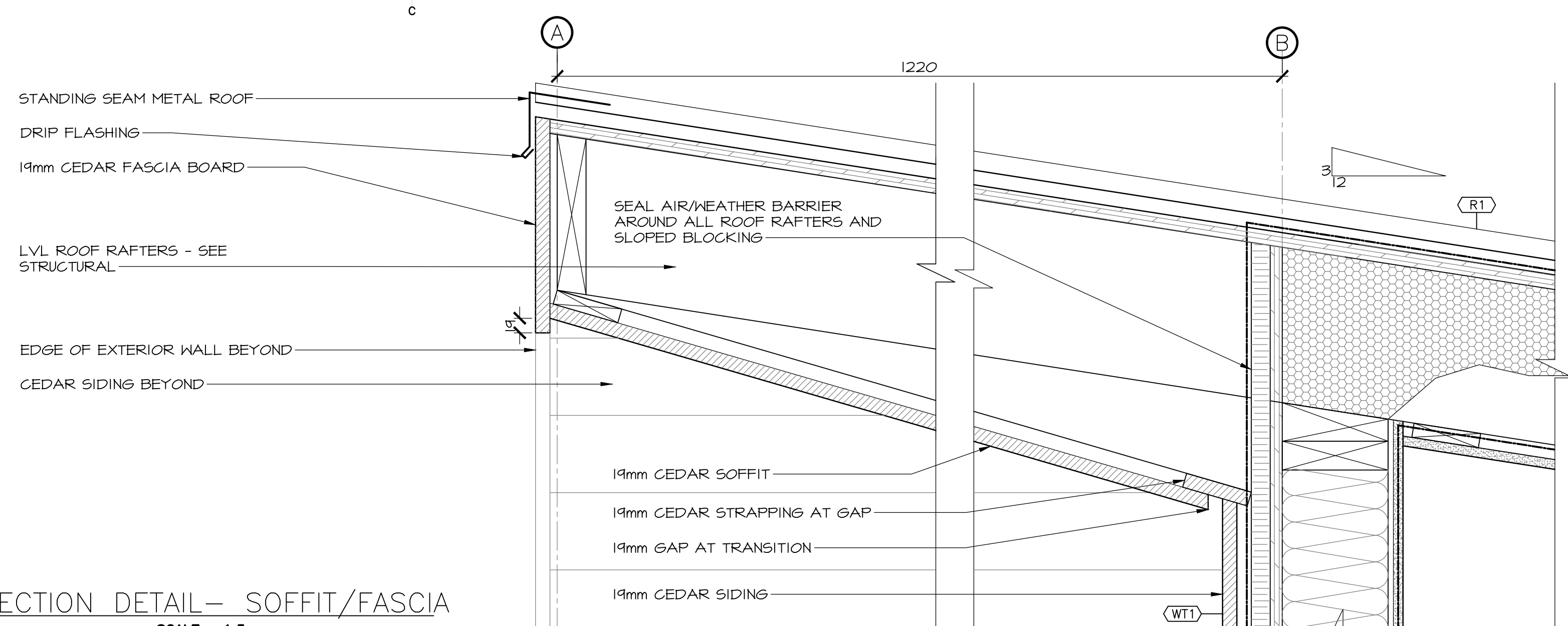
1 SECTION DETAIL— ROOF END
501 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



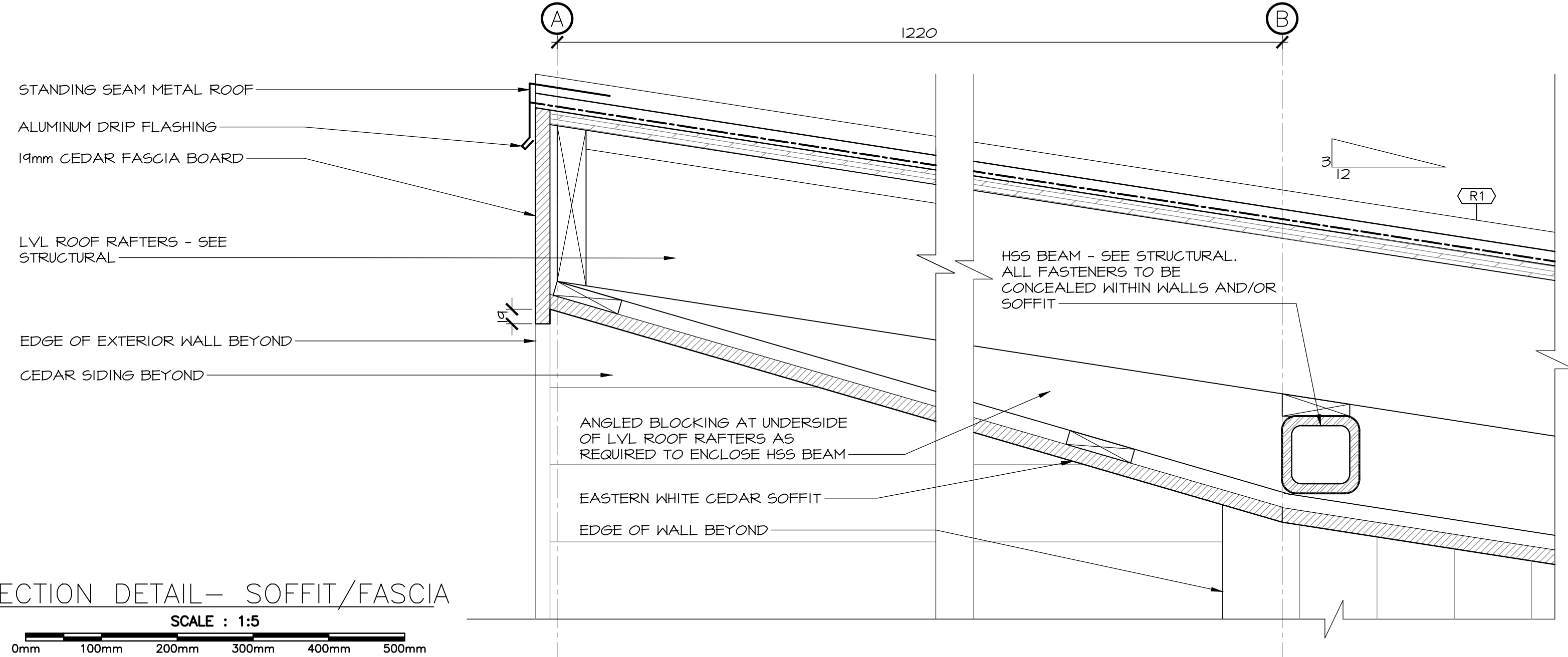
2 SECTION DETAIL—HEADER
501 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



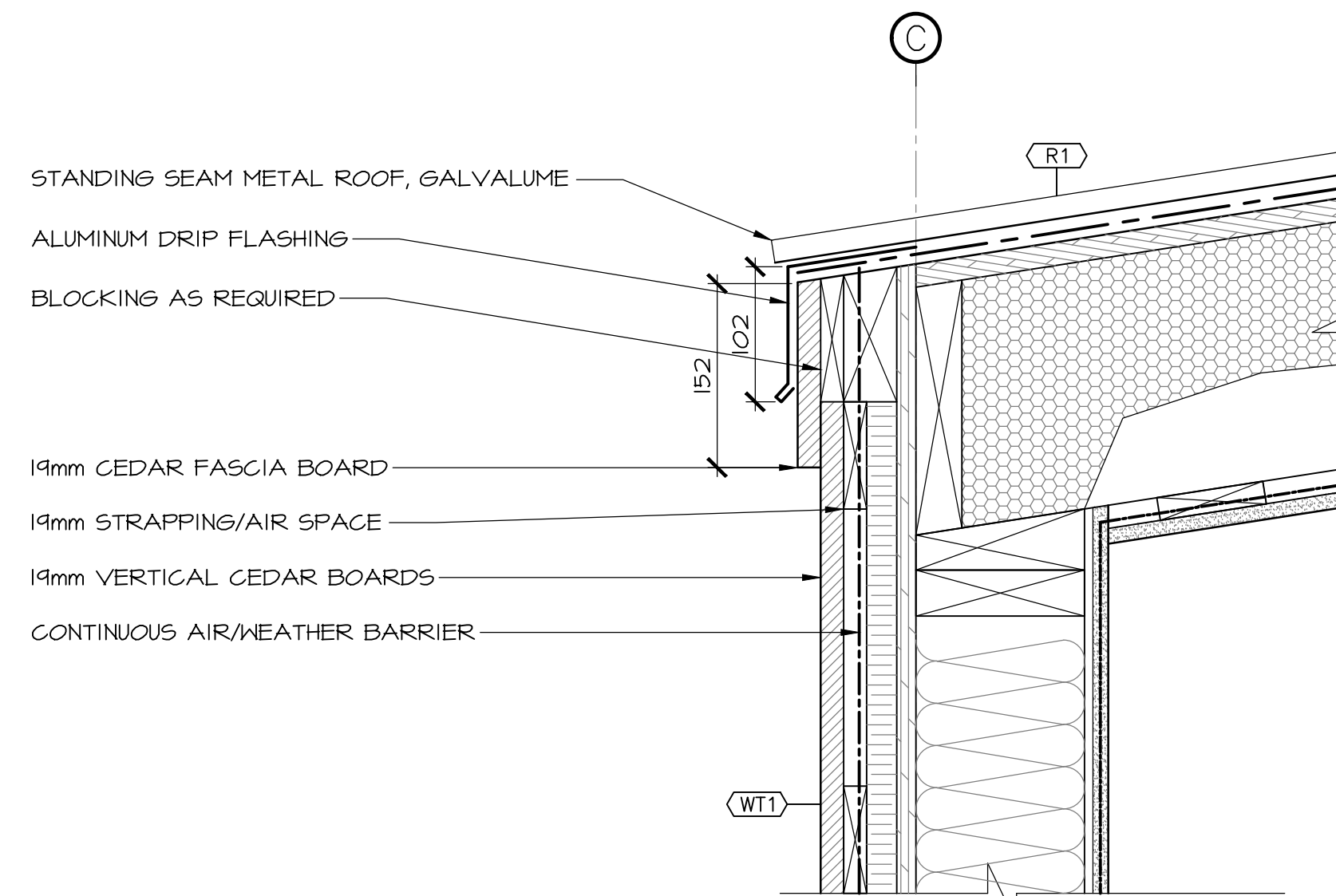
3 SECTION DETAIL—WINDOW SILL
501 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



4 SECTION DETAIL— SOFFIT/FASCIA
501 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm

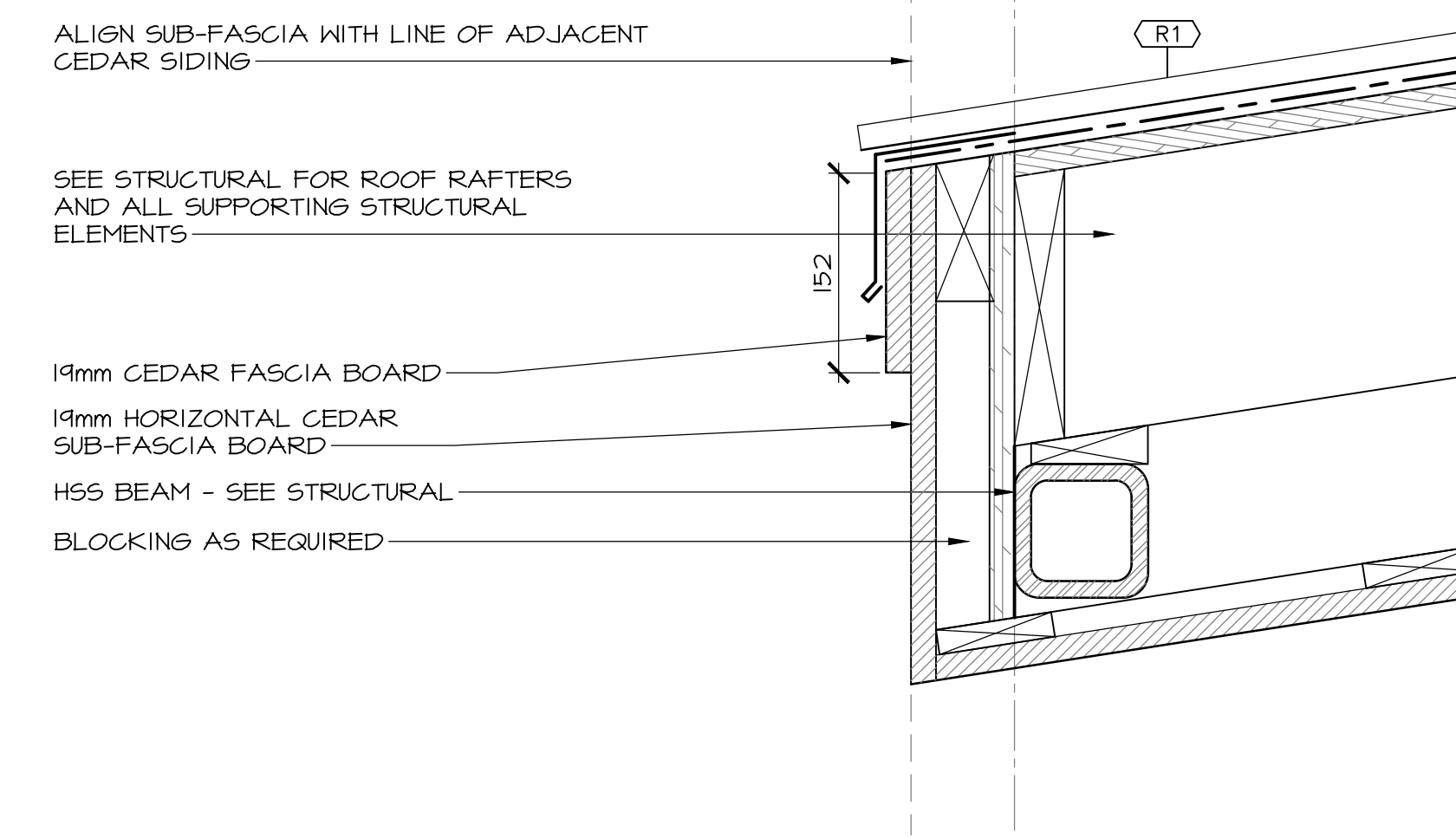


5 SECTION DETAIL— SOFFIT/FASCIA
501 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



6 SECTION DETAIL— ROOF FASCIA
501 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm

FASCIA DIMENSIONS TO BE CONSISTENT THROUGHOUT AS ROOF CONDITIONS TRANSITION FROM GRID 2 TO 1, AND 4 TO 5



7 SECTION DETAIL — ROOF EDGE
501 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm

3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project

TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

SOUTH SITE
PAVILION
DETAILS

designed CC/JB/BR/SC/KP

date

drawn BR/JB

date

approved

date

Tender

PWGSC Project Manager

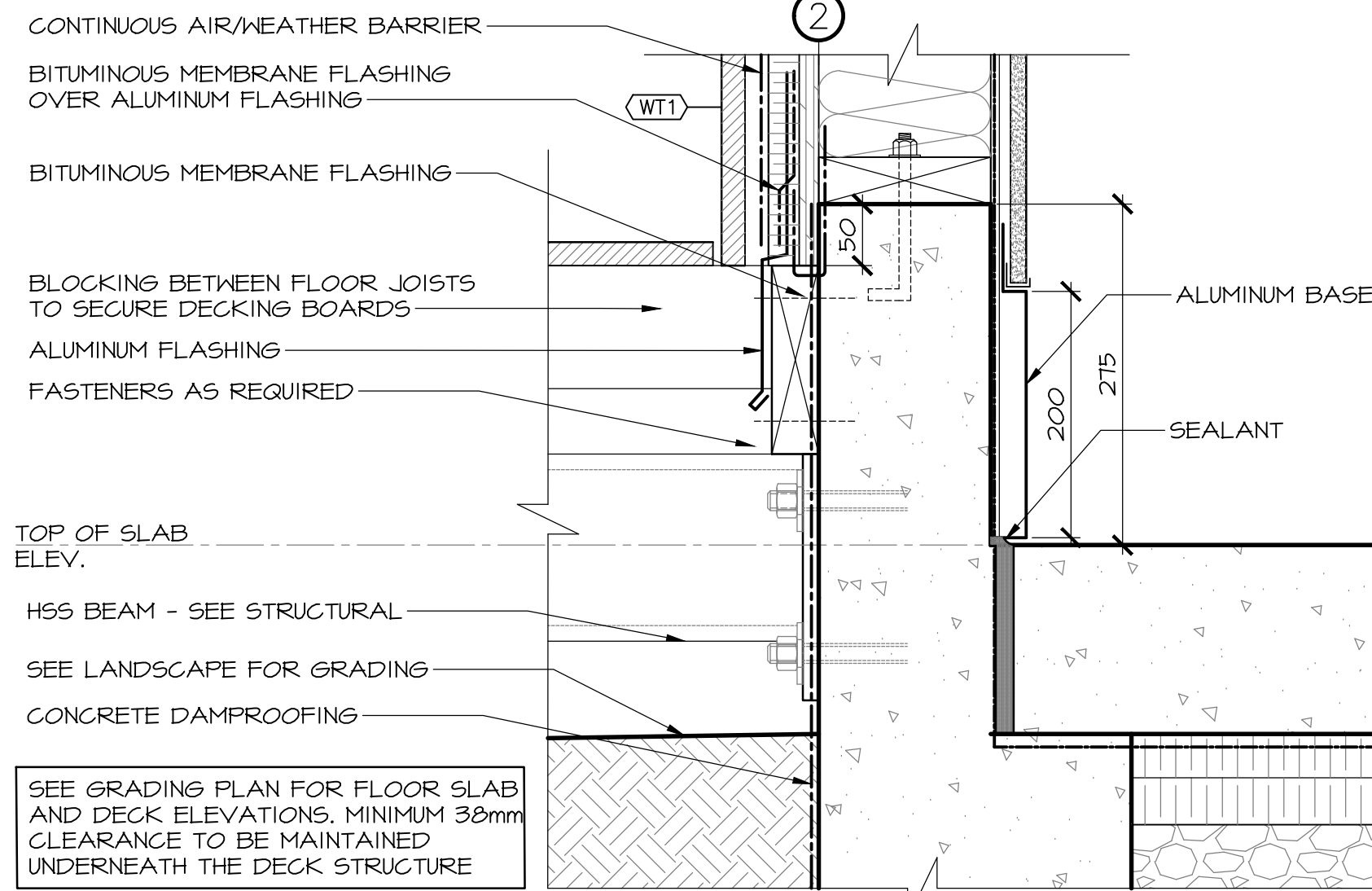
project number

604

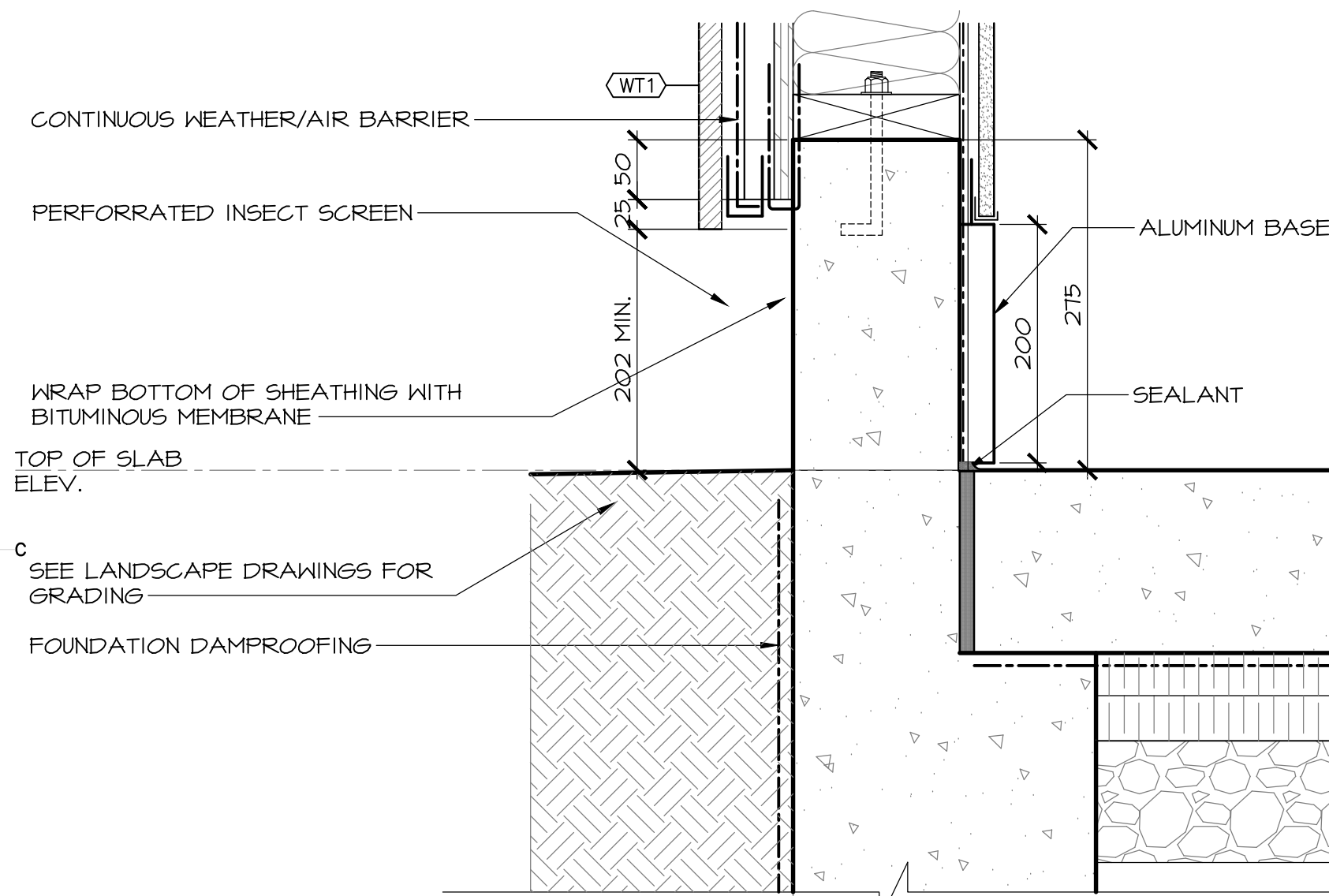
drawing no.

A-501

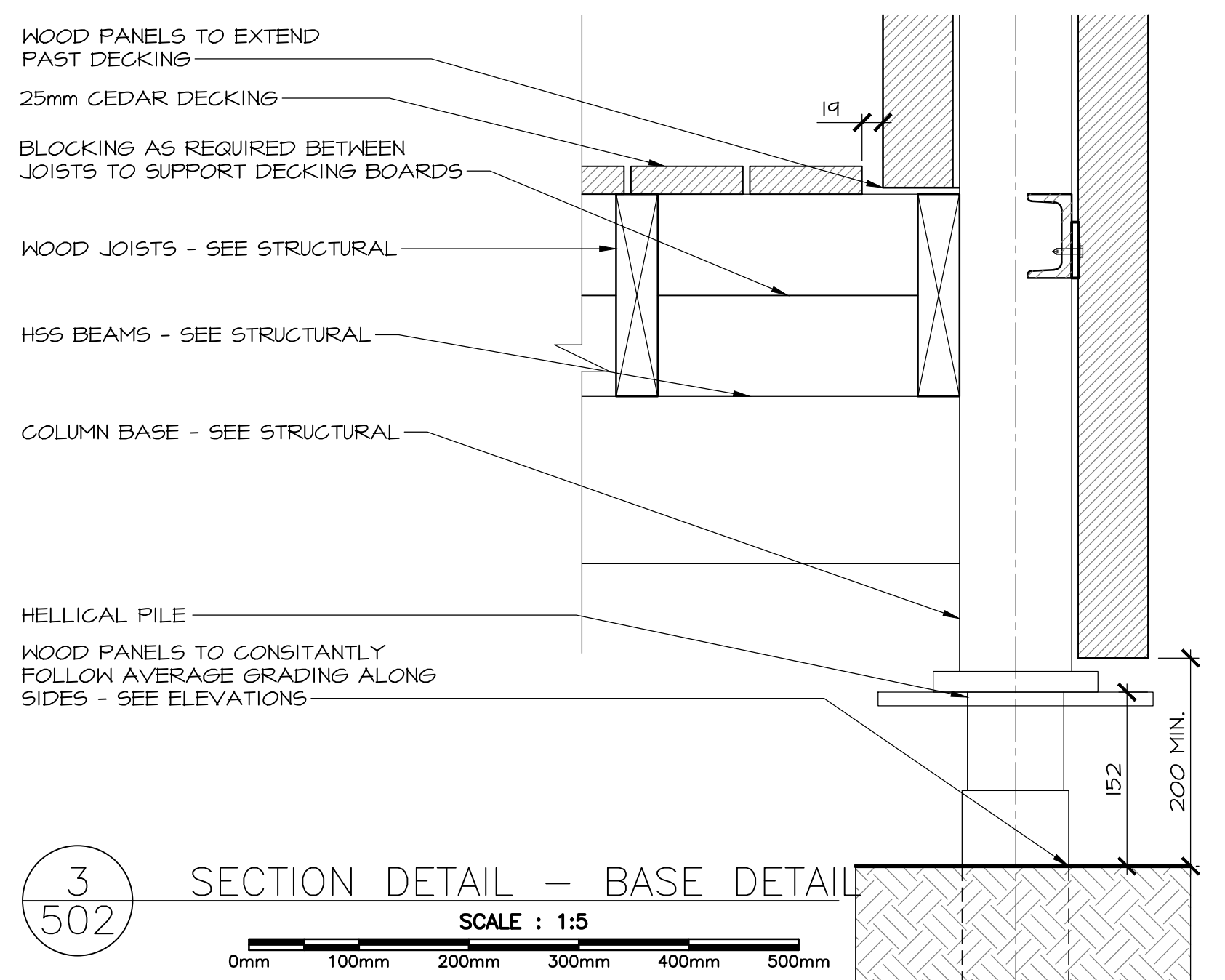
E-DRM/GDD-E: ---



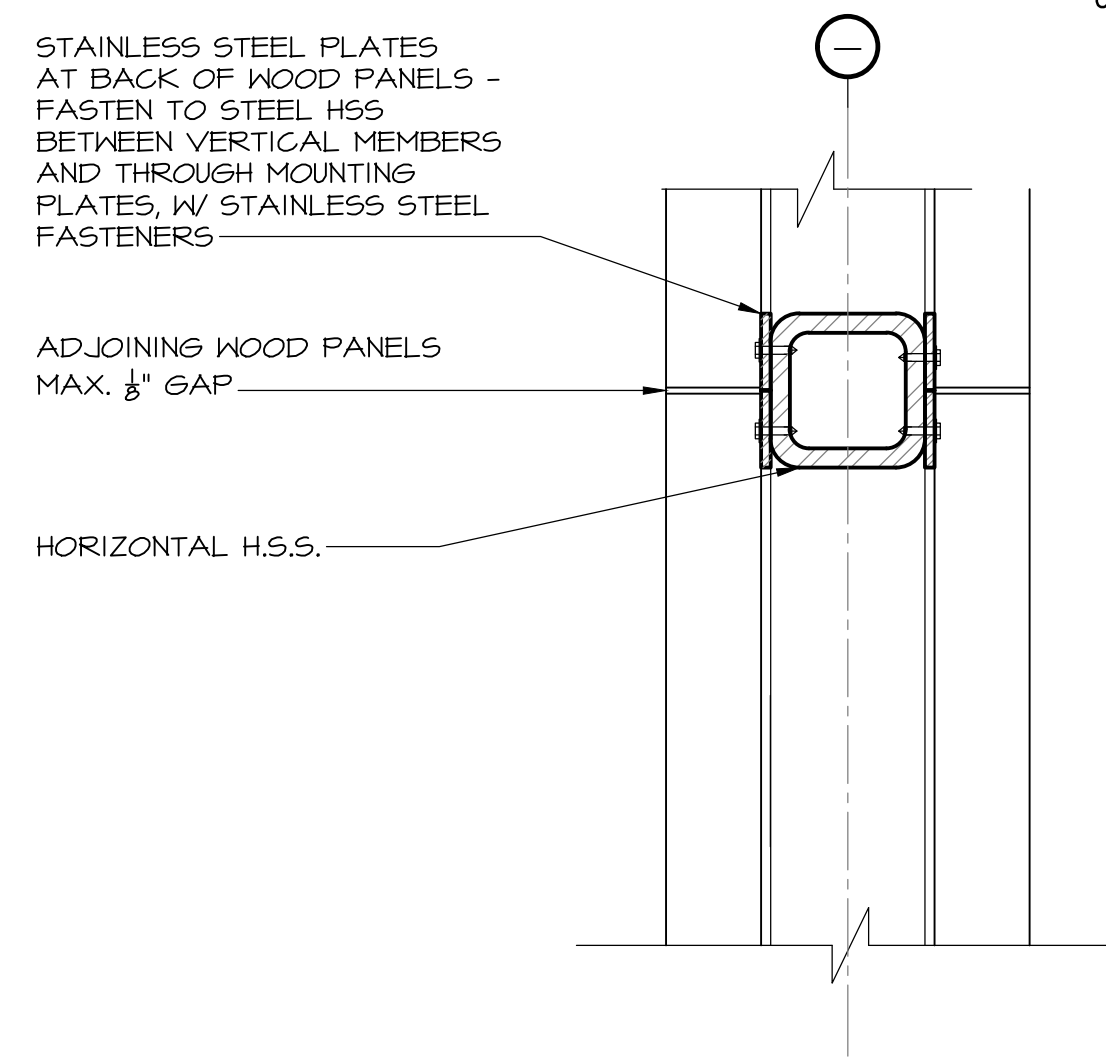
1
502 SECTION DETAIL – BASE AT DECK
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



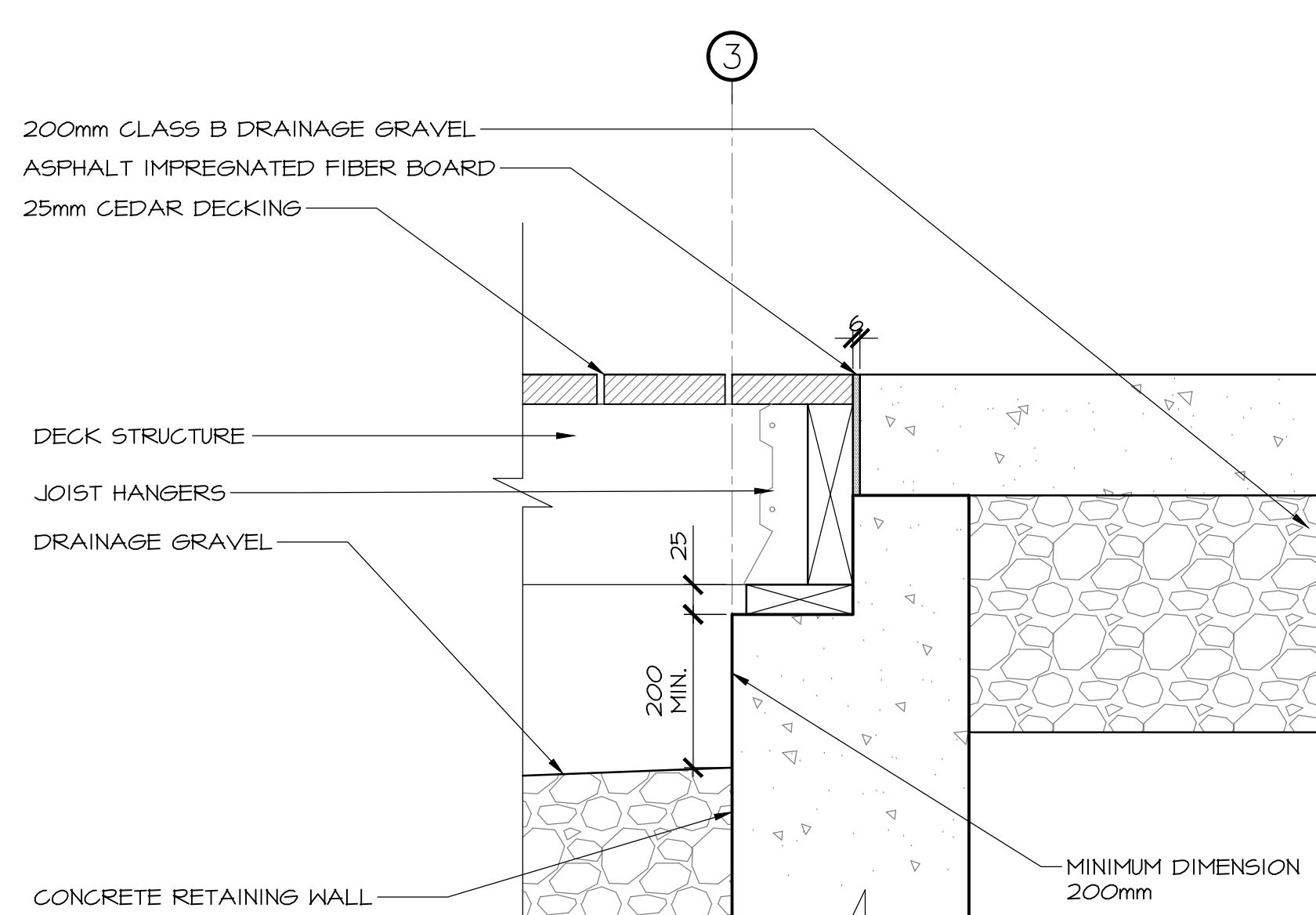
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502 SECTION DETAIL – WALL BASE
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



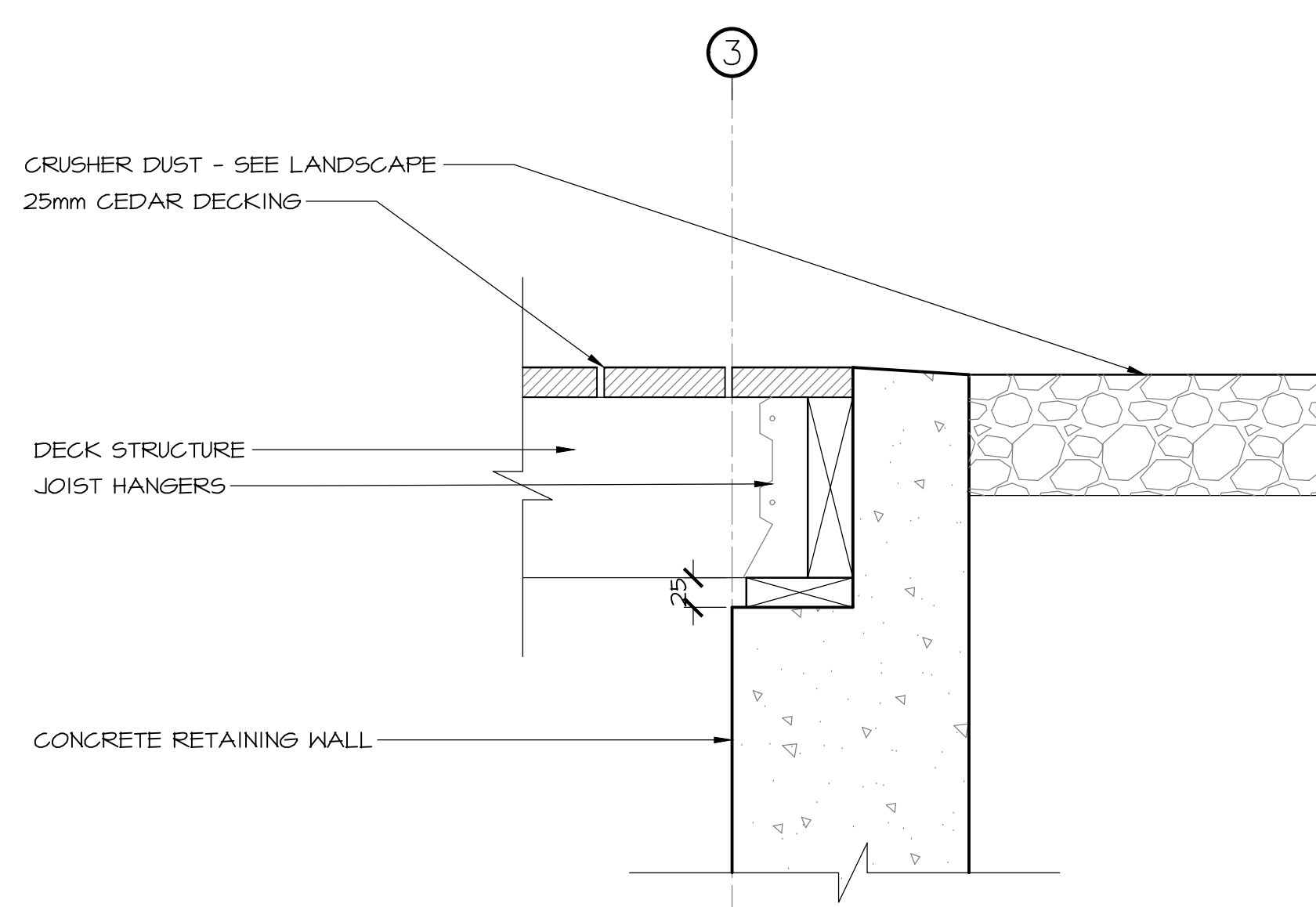
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502 SECTION DETAIL – BASE DETAIL
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



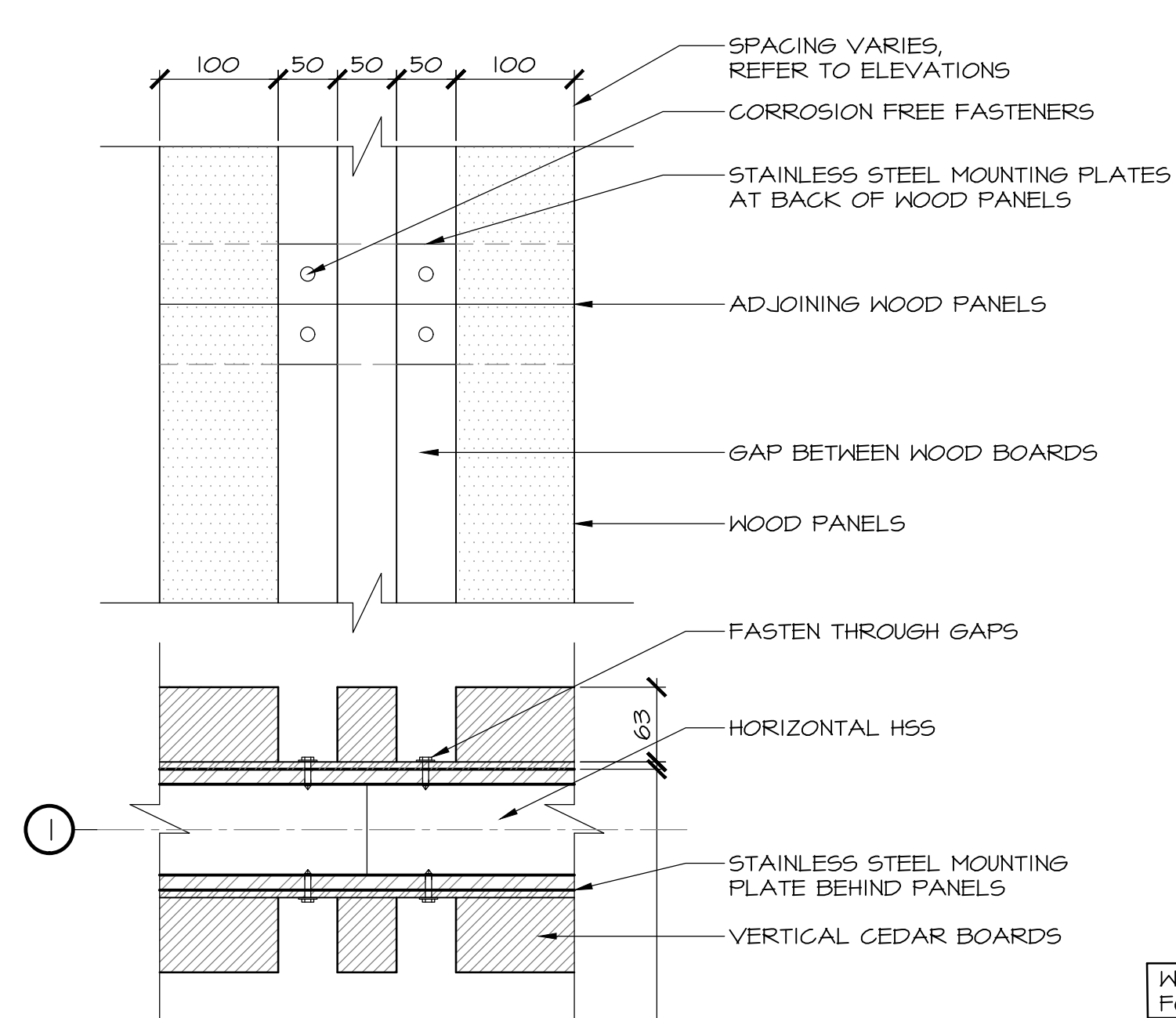
4
502 SECTION DETAIL – TYPICAL PANELS
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



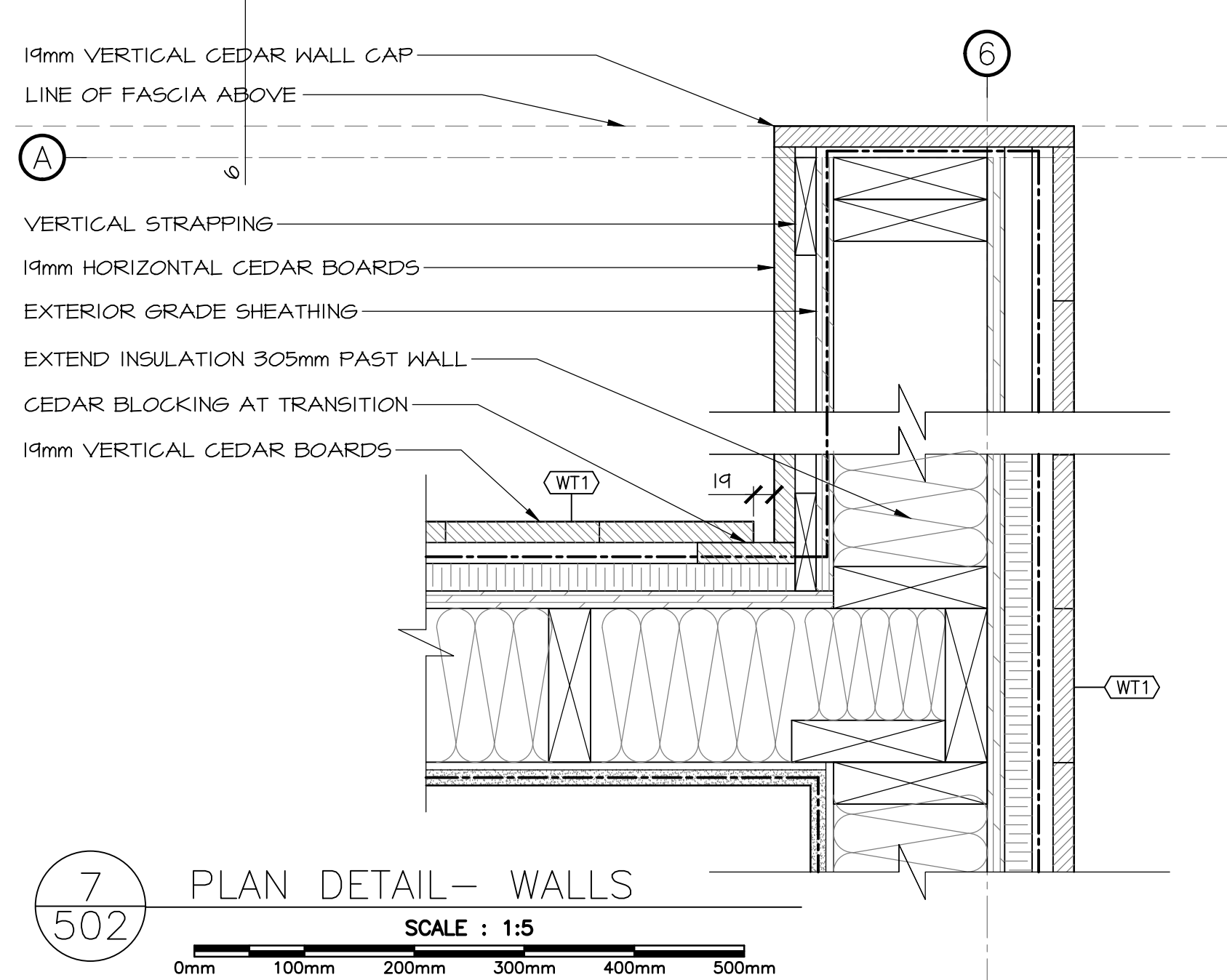
5
502 SECTION DETAIL – TRANSITION
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



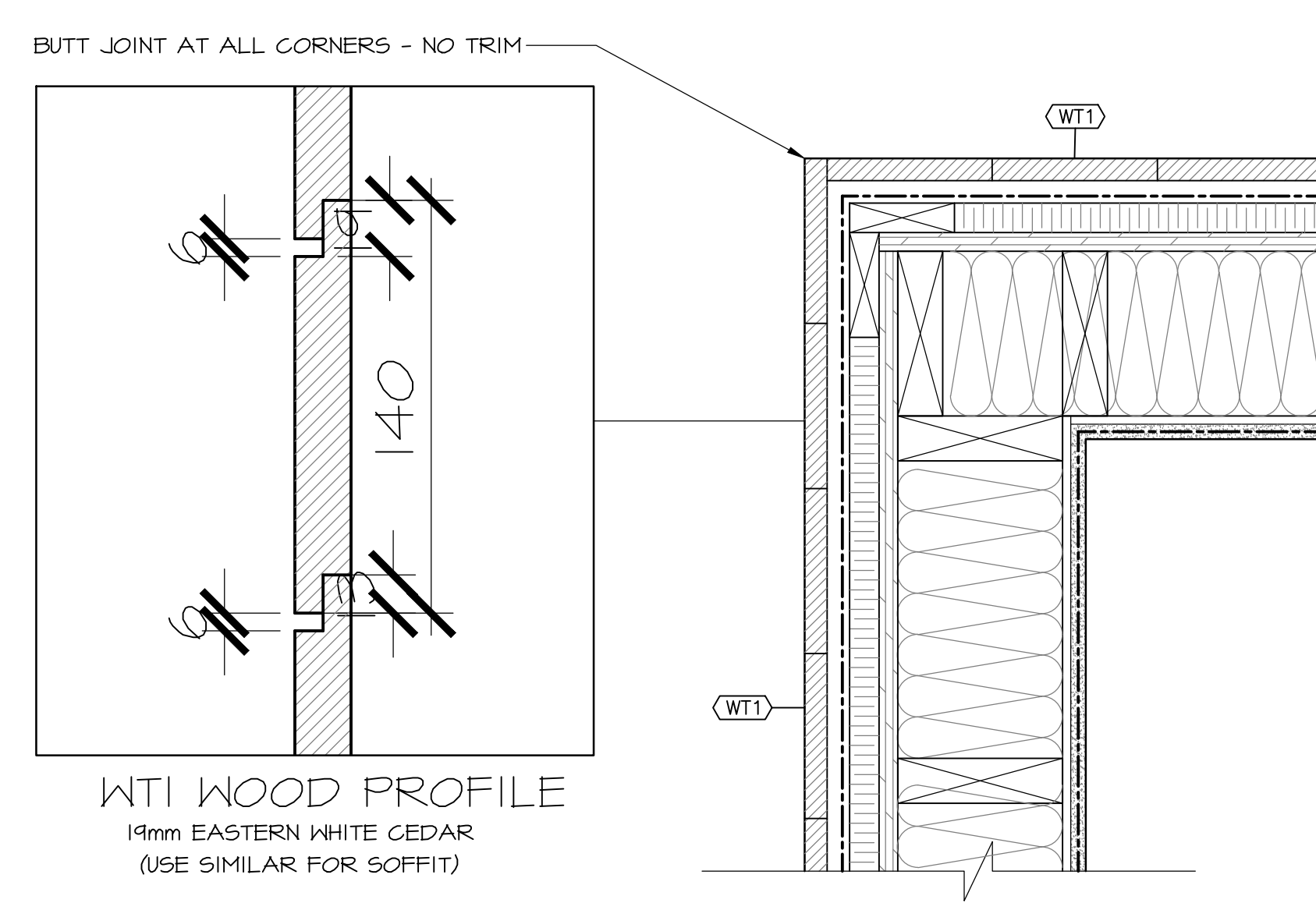
6
502 SECTION DETAIL – TRANSITION
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



7
502 PLAN DETAIL – WALLS
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



7
502 PLAN DETAIL – WALLS
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



8
502 PLAN DETAIL – TYPICAL CORNER
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm

3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project

TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

SOUTH SITE
MISCELLANEOUS
DETAILS

designed CC/JB/BR/SC/KP

date

drawn BR/JB

date

approved

date

Tender

PWGSC Project Manager

project number

604

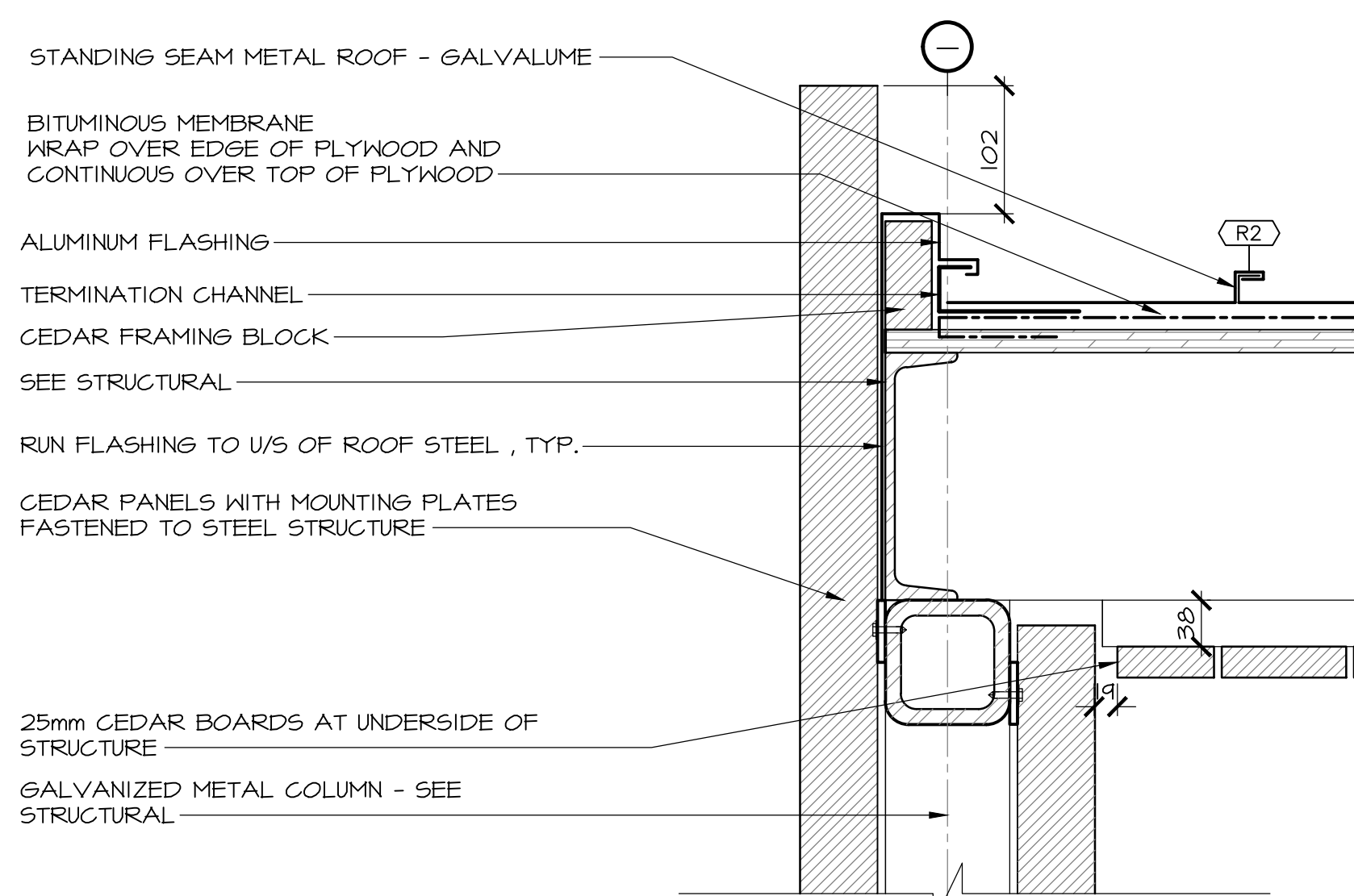
drawing no.

A-502

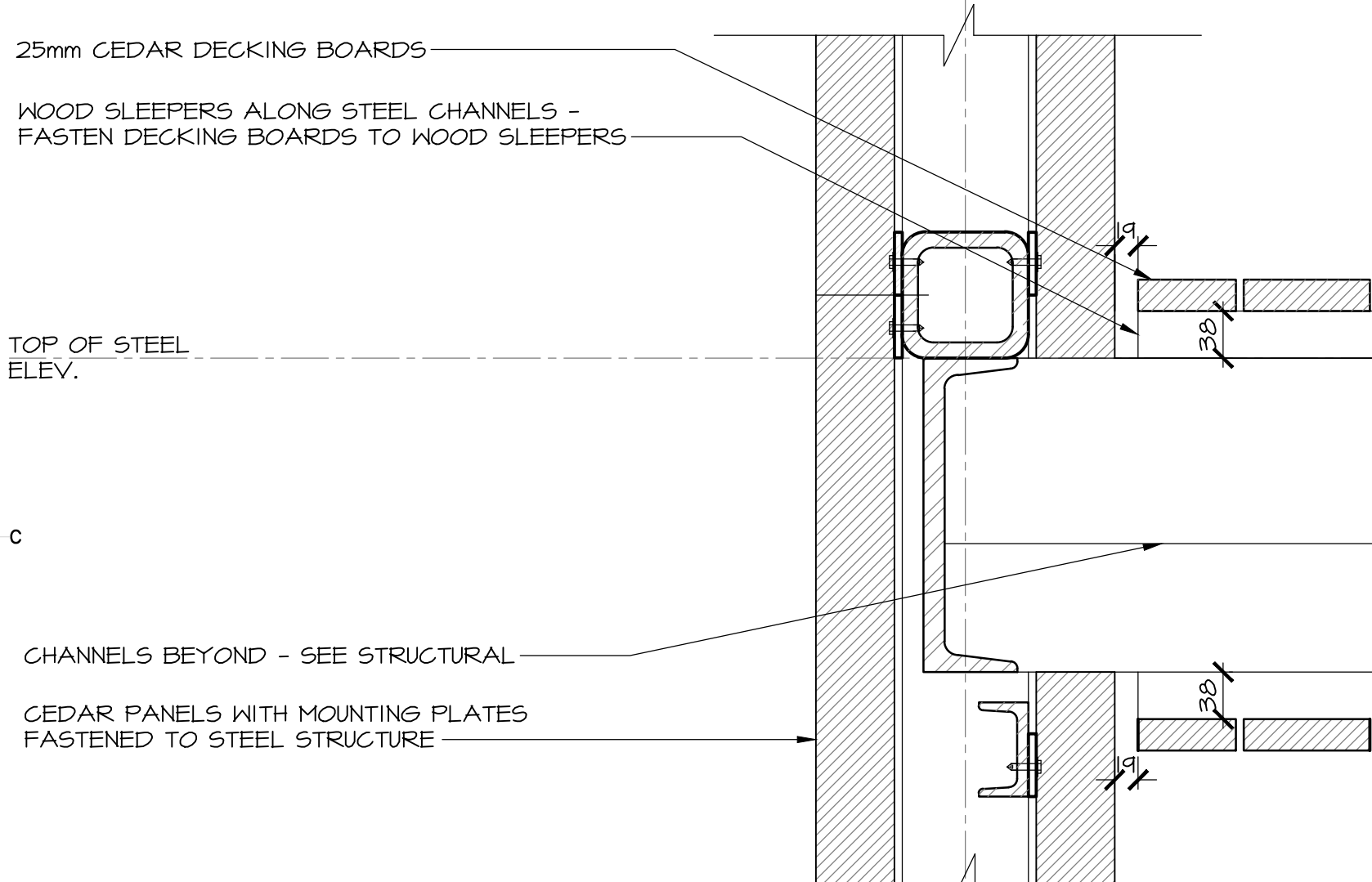
no. du projet

no. du dessin

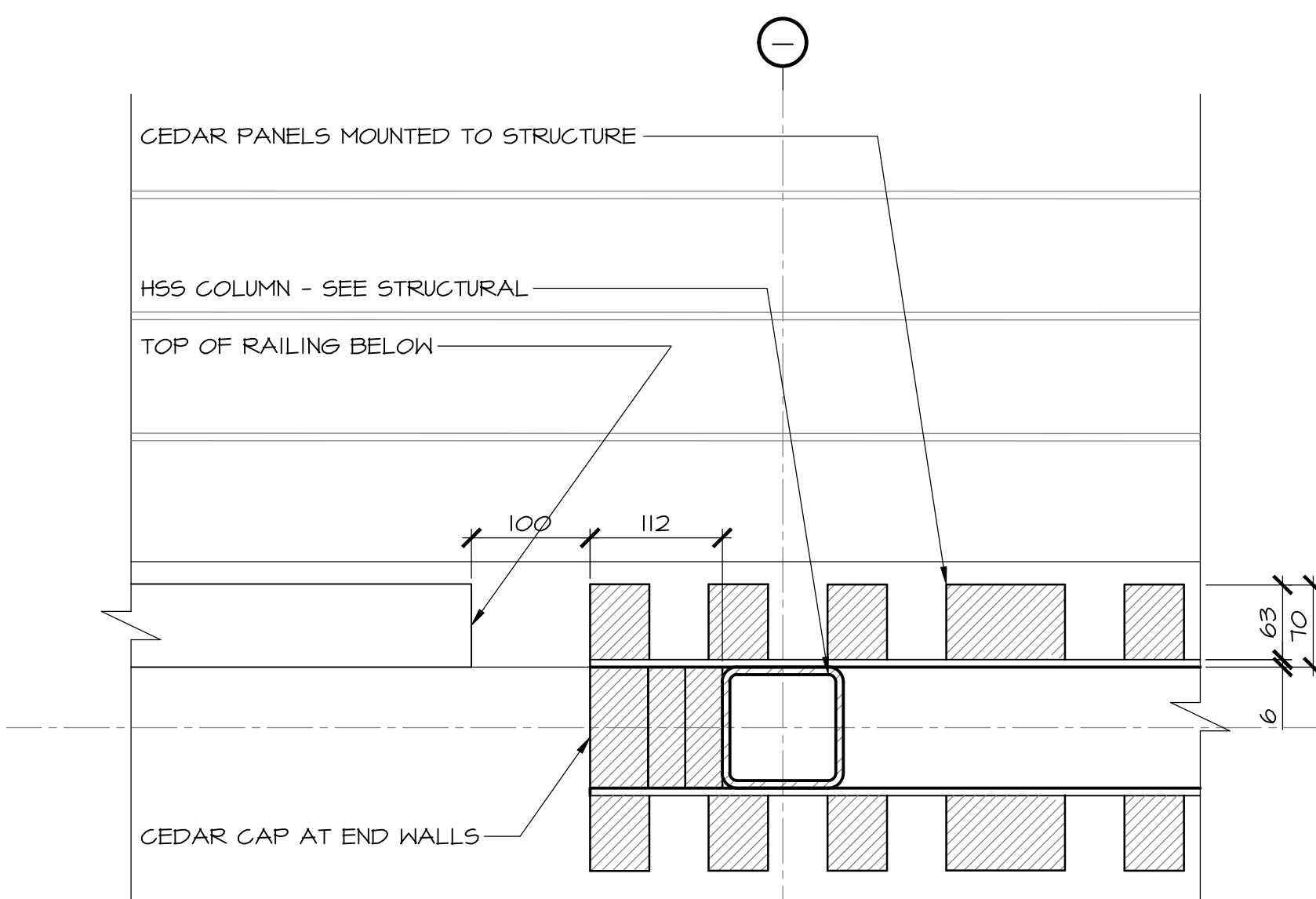
E-DRM/GDD-E: - - - -



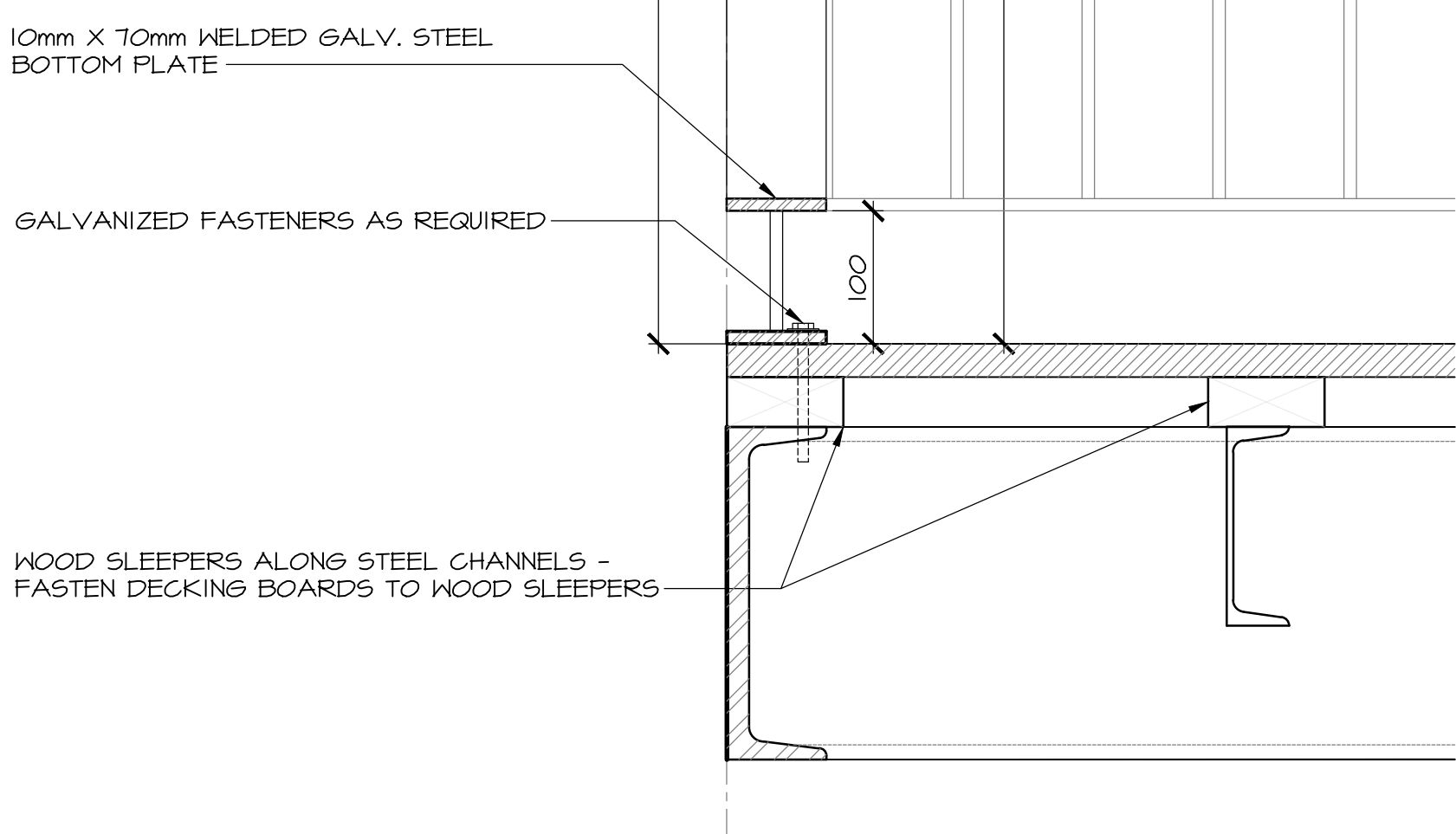
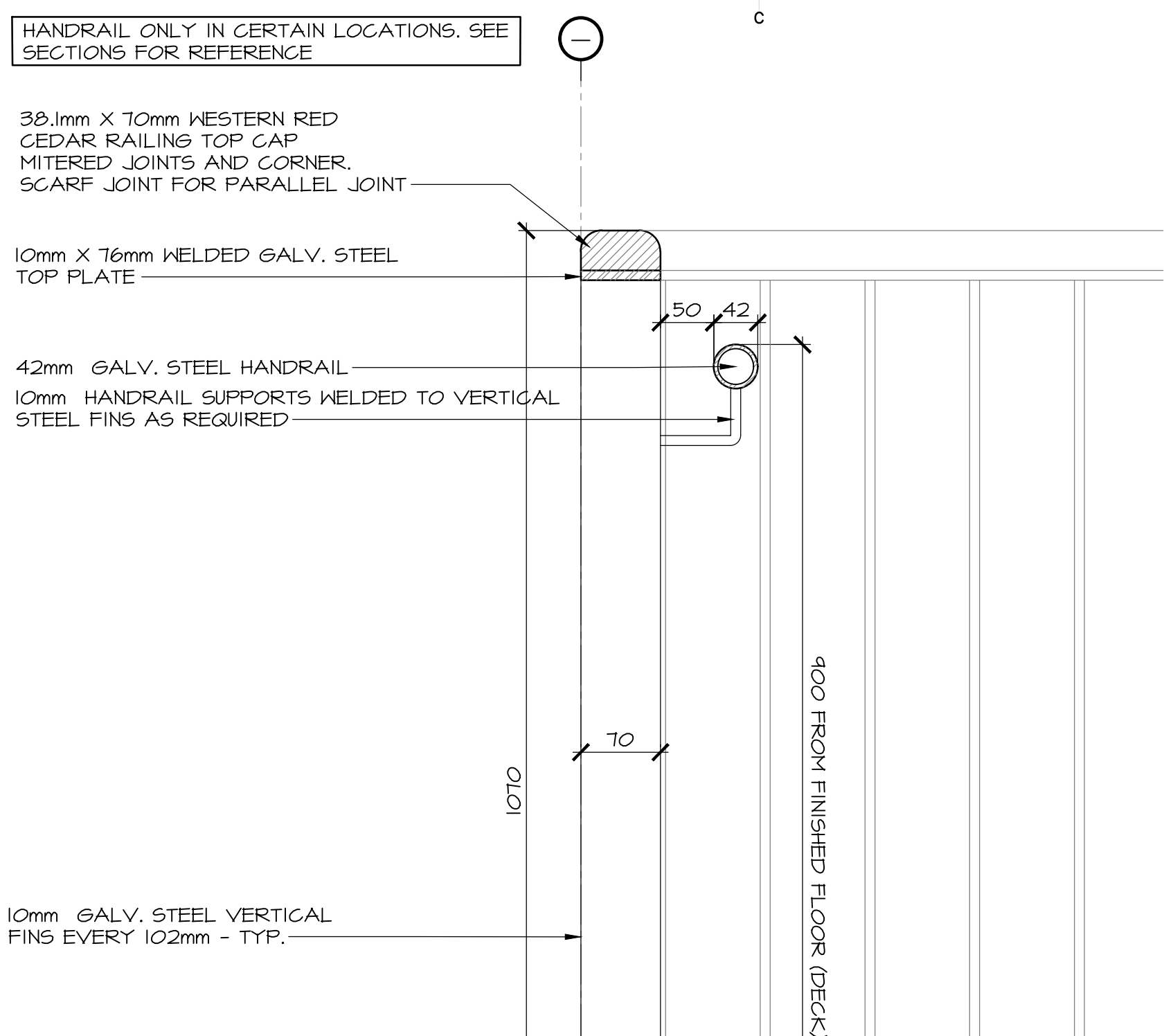
1 SECTION DETAIL- PANELS @ ROOF
503 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



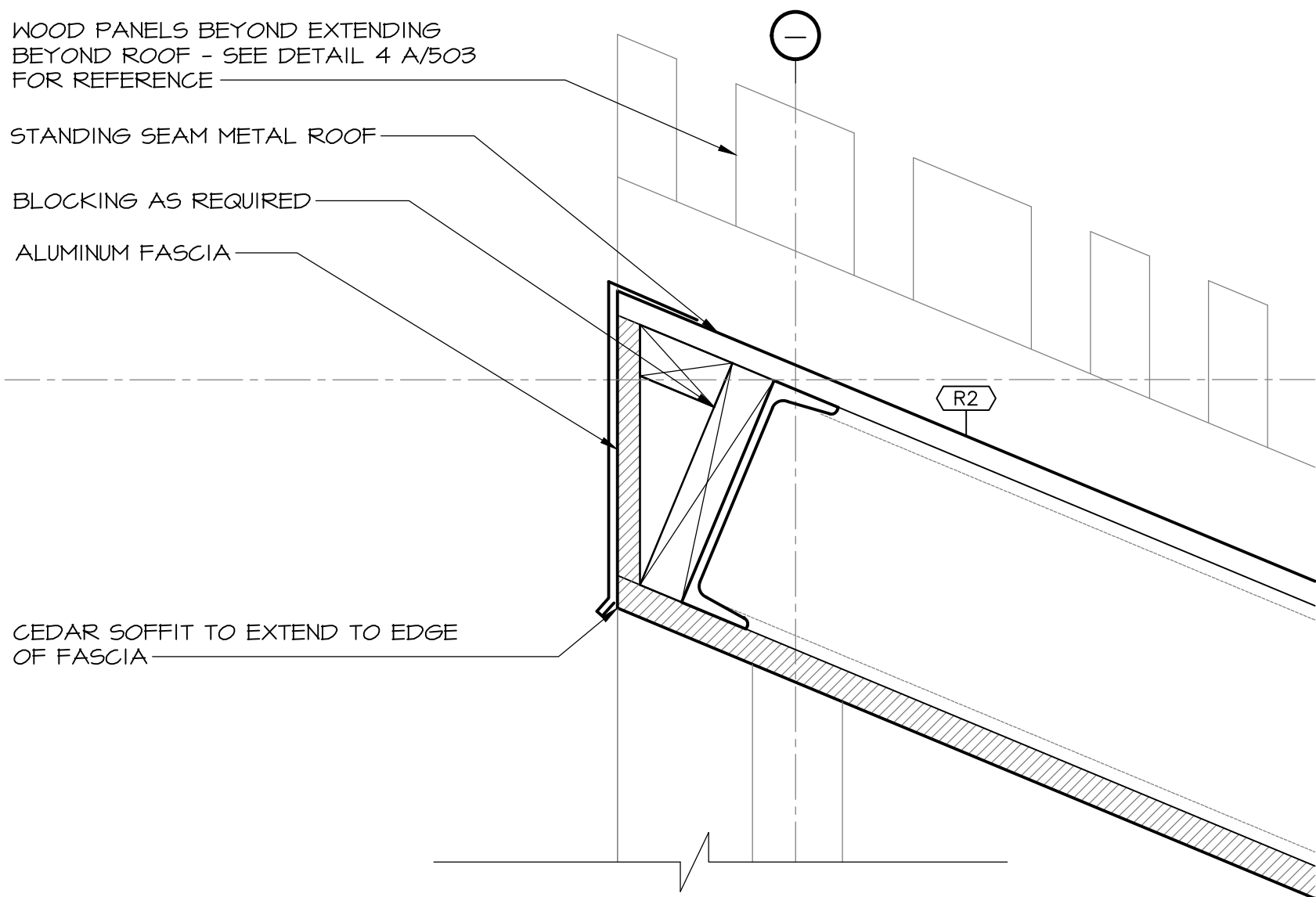
2 SECTION DETAIL- PANELS @ FLOOR
503 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



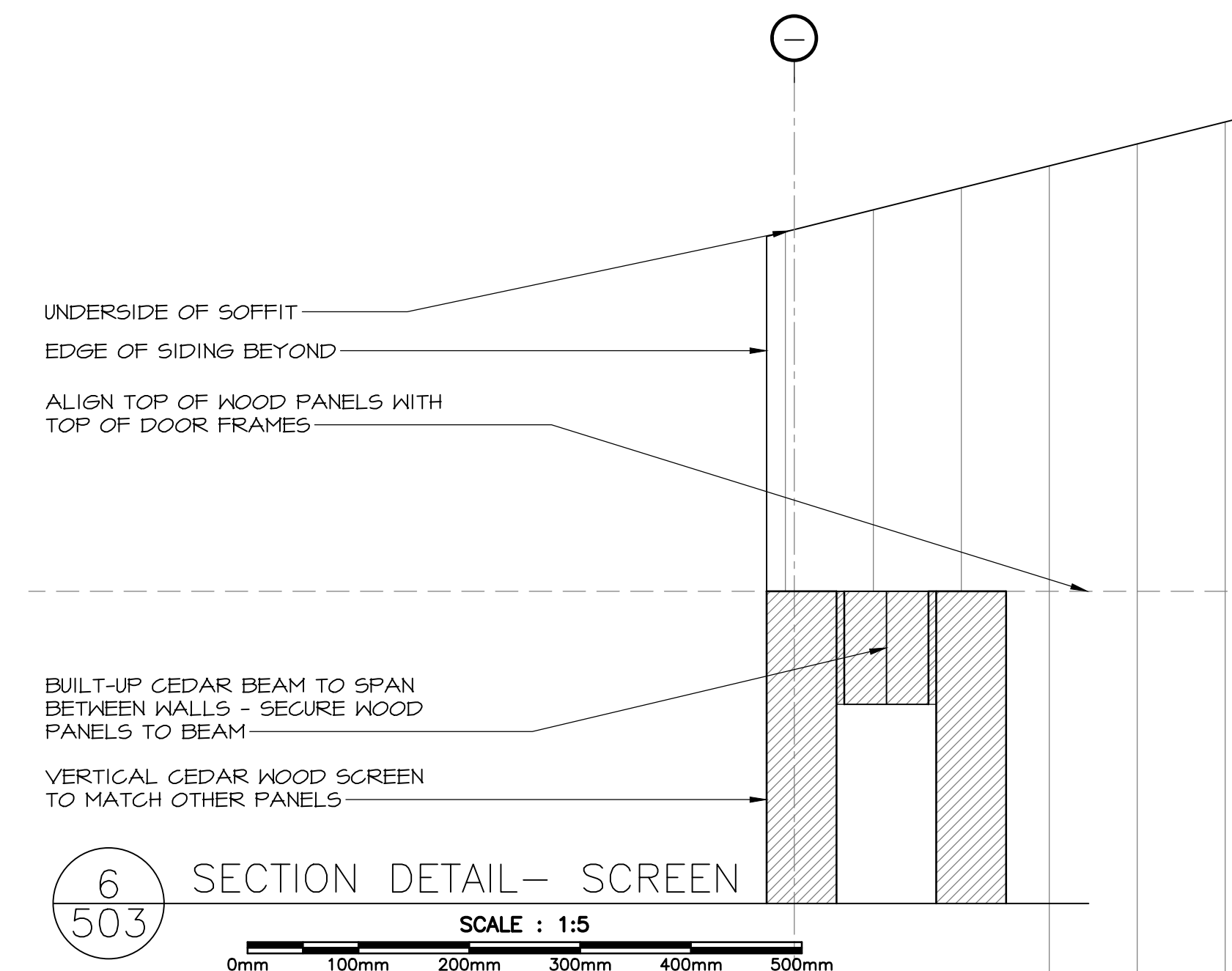
3 PLAN DETAIL - WALL END
503 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



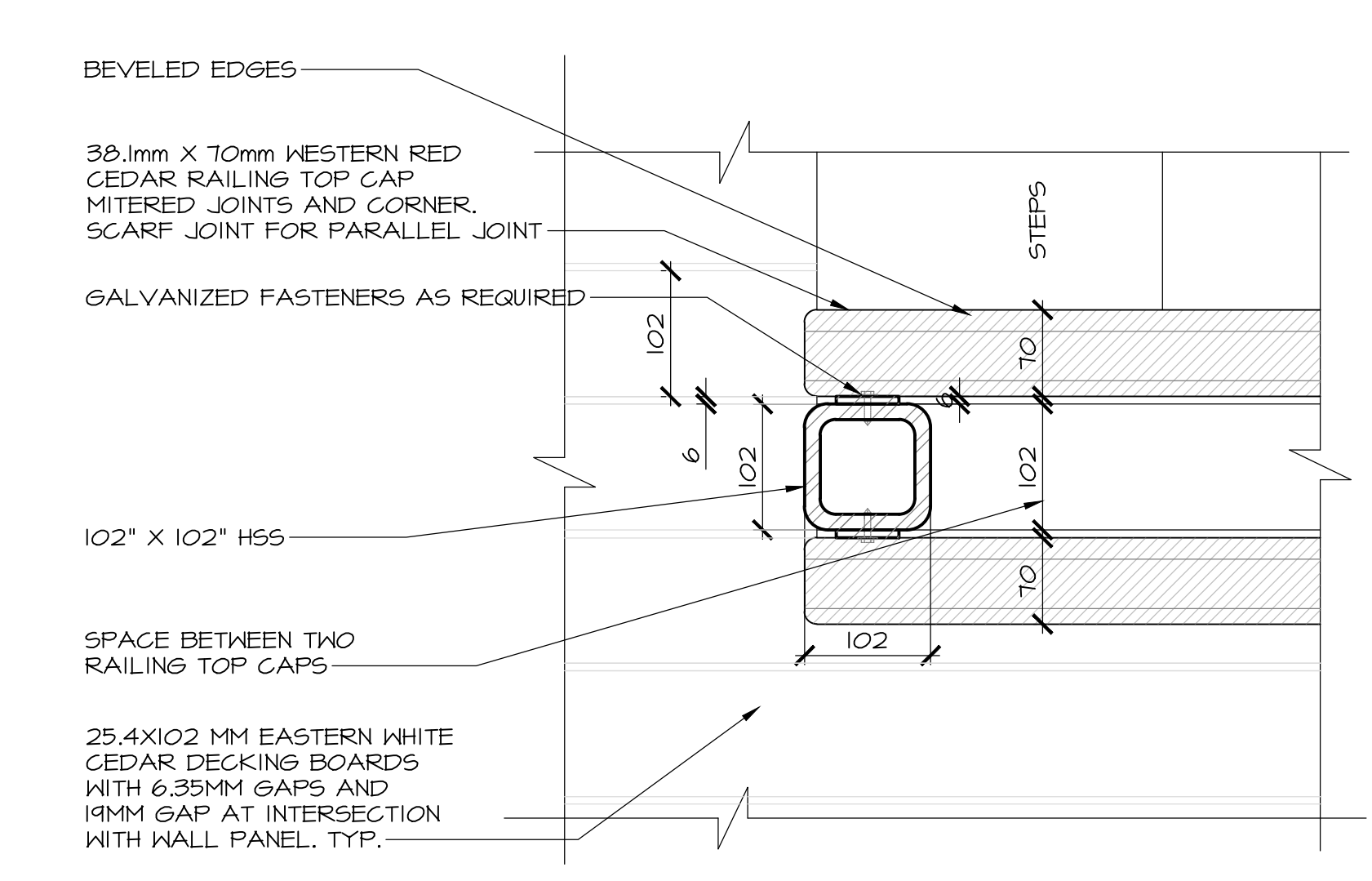
4 SECTION DETAIL- GUARD/HAND RAIL
503 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



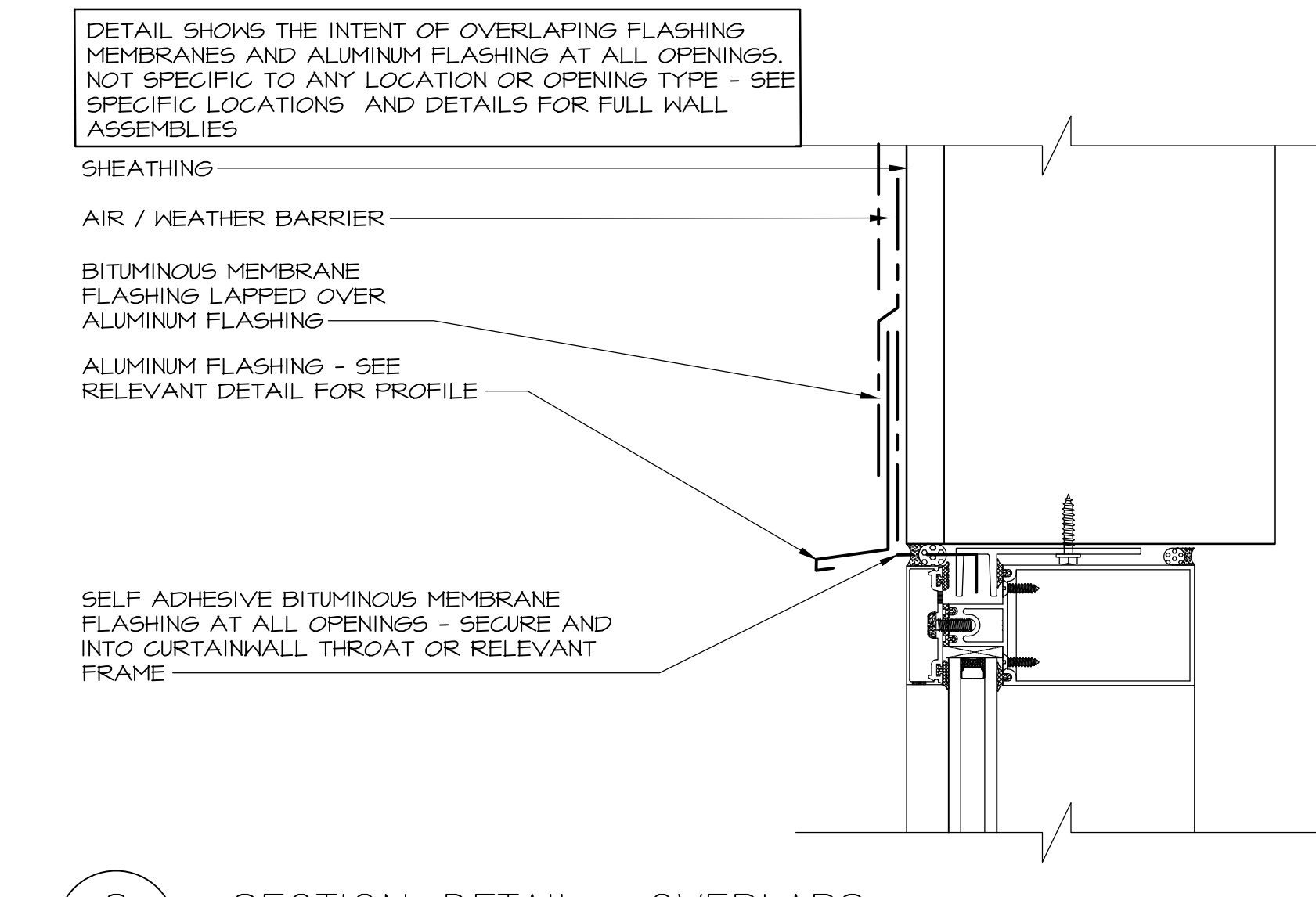
5 SECTION DETAIL- ROOF EDGE
503 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



6 SECTION DETAIL- SCREEN
503 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



7 PLAN DETAIL - COLUMN/RAILING/LANDING
503 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



8 SECTION DETAIL- OVERLAPS
503 SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm

3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project

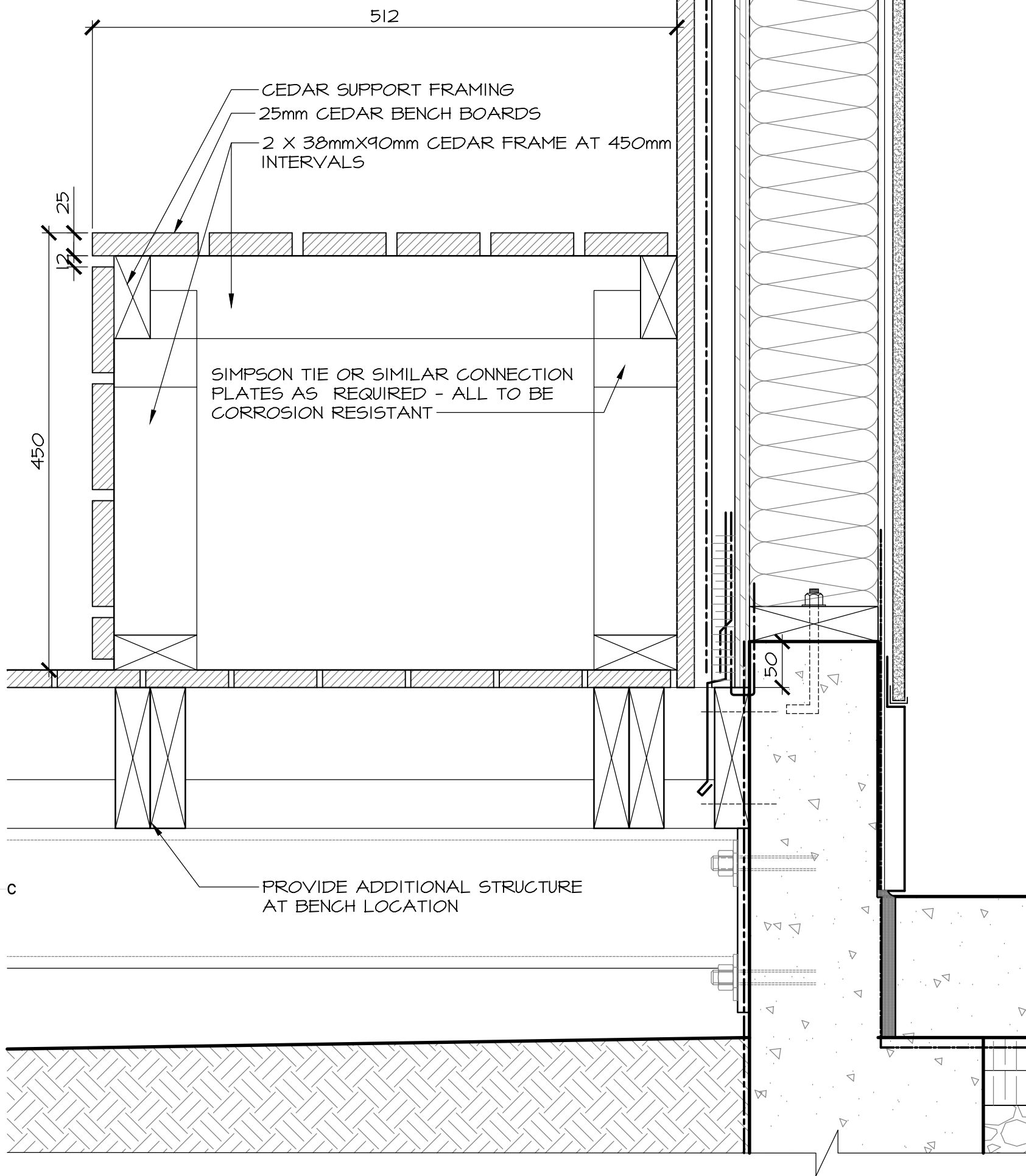
TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

SOUTH SITE
MISCELLANEOUS
DETAILS

designed	CC/JB/BR/SC/KP	conçu
date	----	
drawn	BR/JB	dessiné
date	----	
approved		approuvé
date		
Tender		Soumission
PWGC Project Manager	Administrateur de projets TPSCG	
project number	604	no. du projet
drawing no.	A-503	no. du dessin

ALL FASTENERS AND CONNECTION PLATES
FOR DECK TO BE CORROSION RESISTANT



1 SECTION DETAIL — BENCH DETAIL

504

SCALE : 1:5

0mm 100mm 200mm 300mm 400mm 500mm



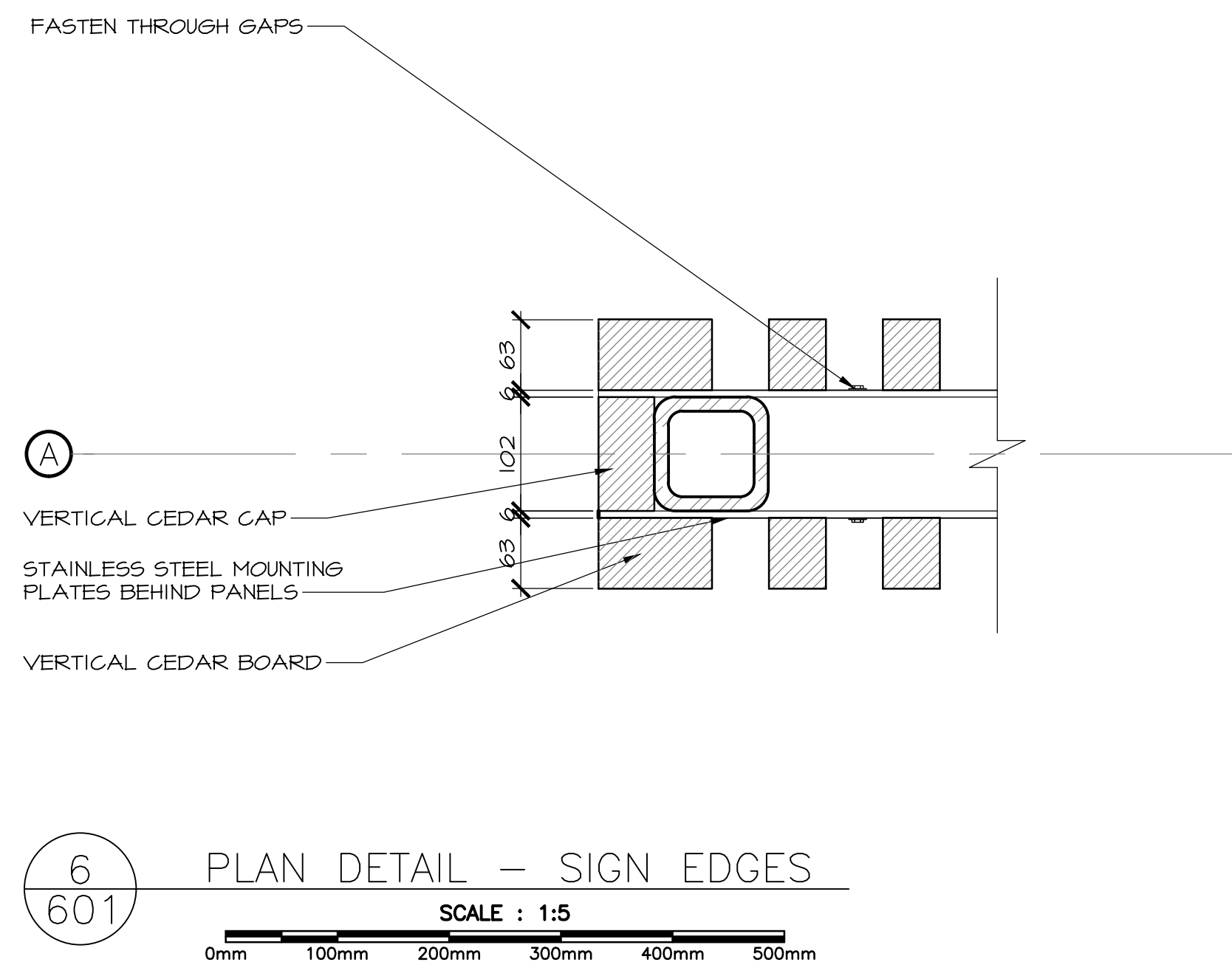
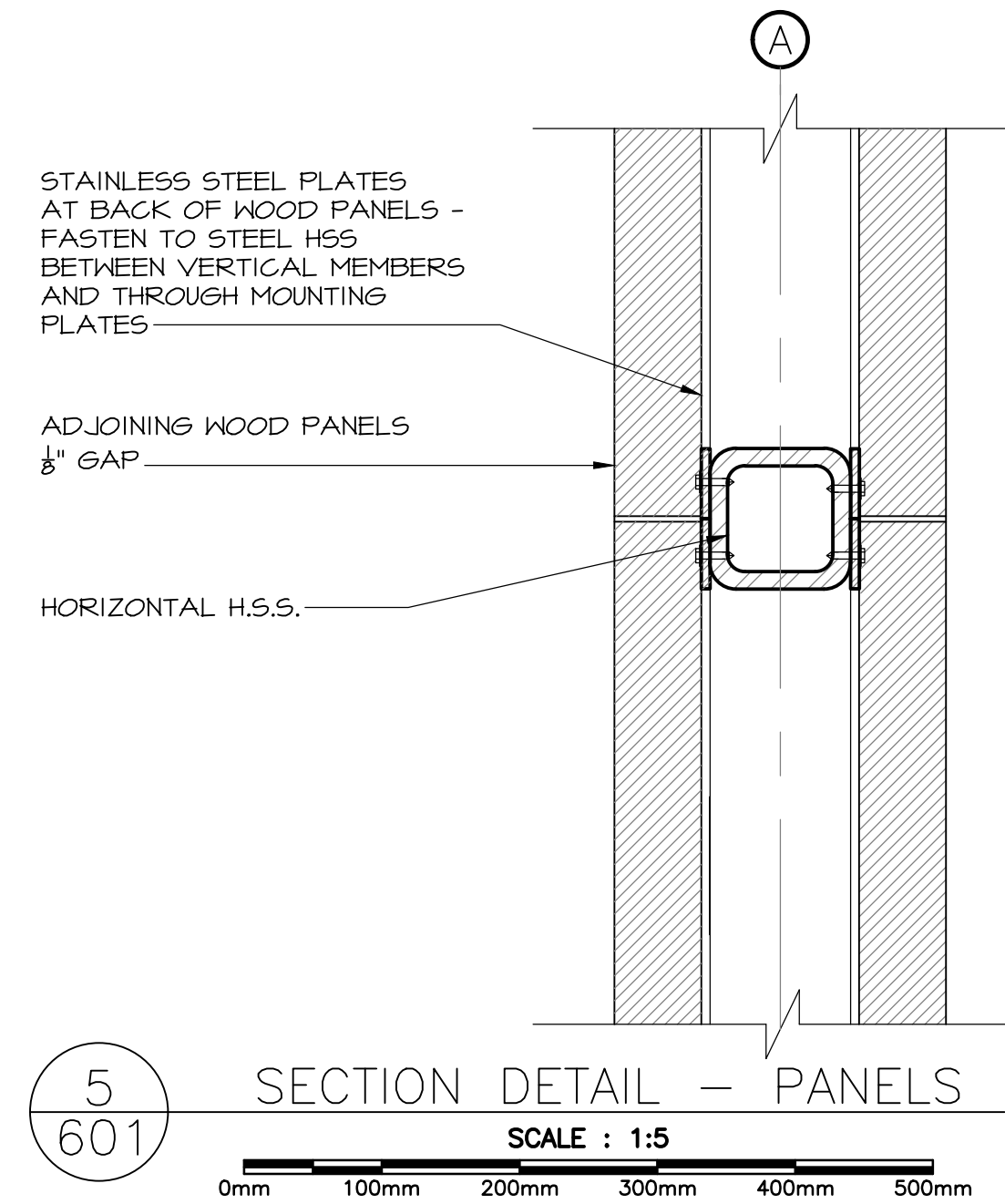
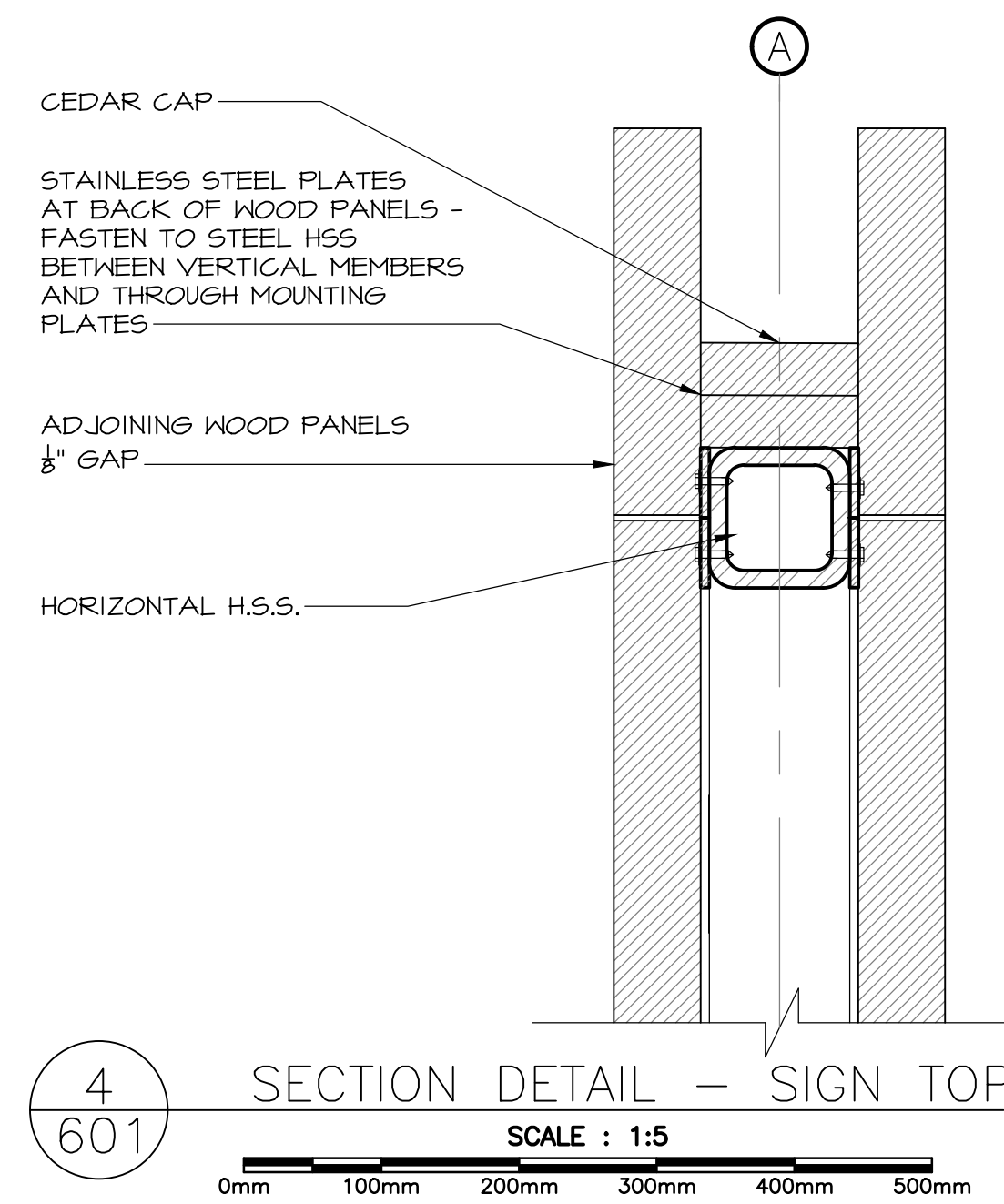
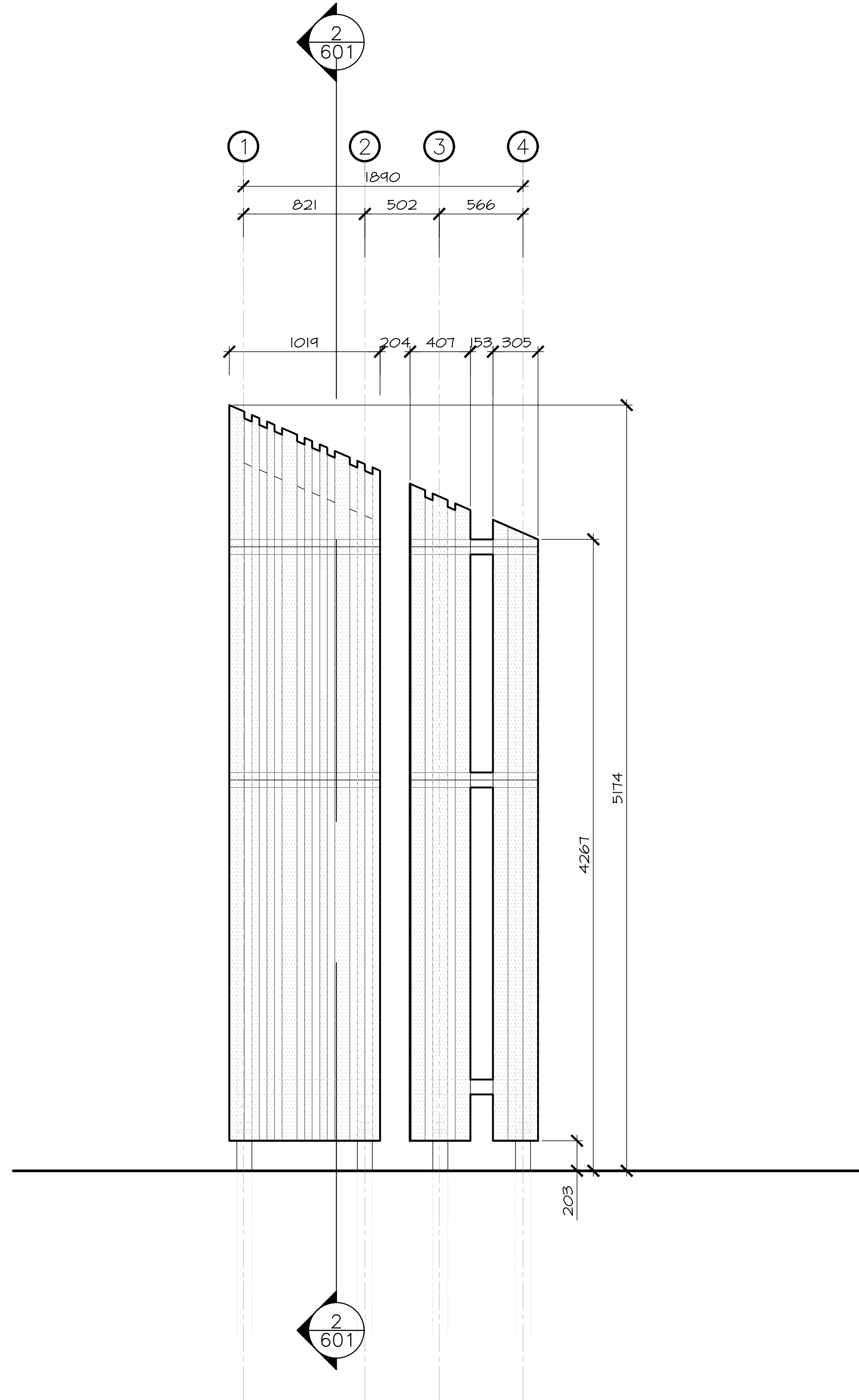
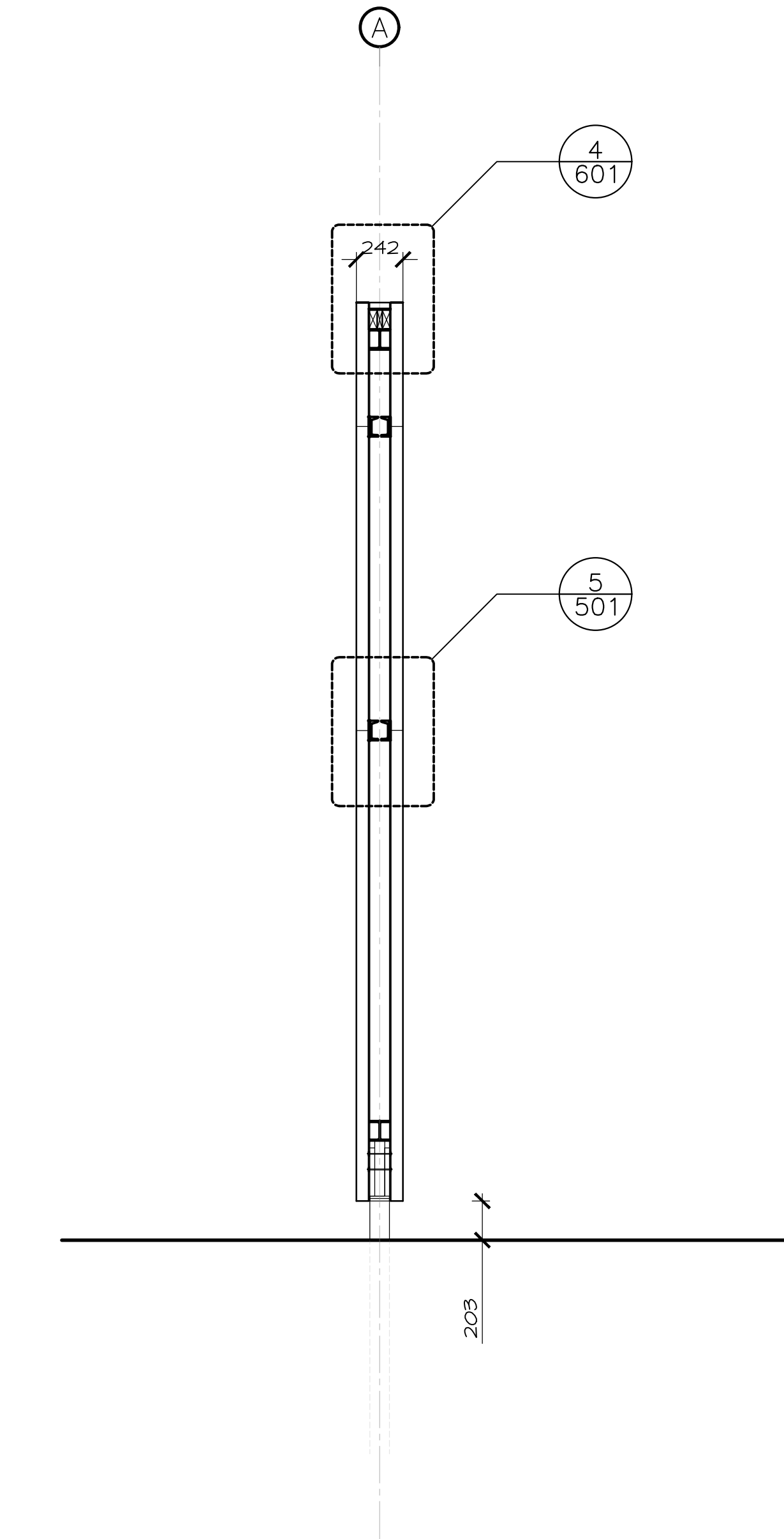
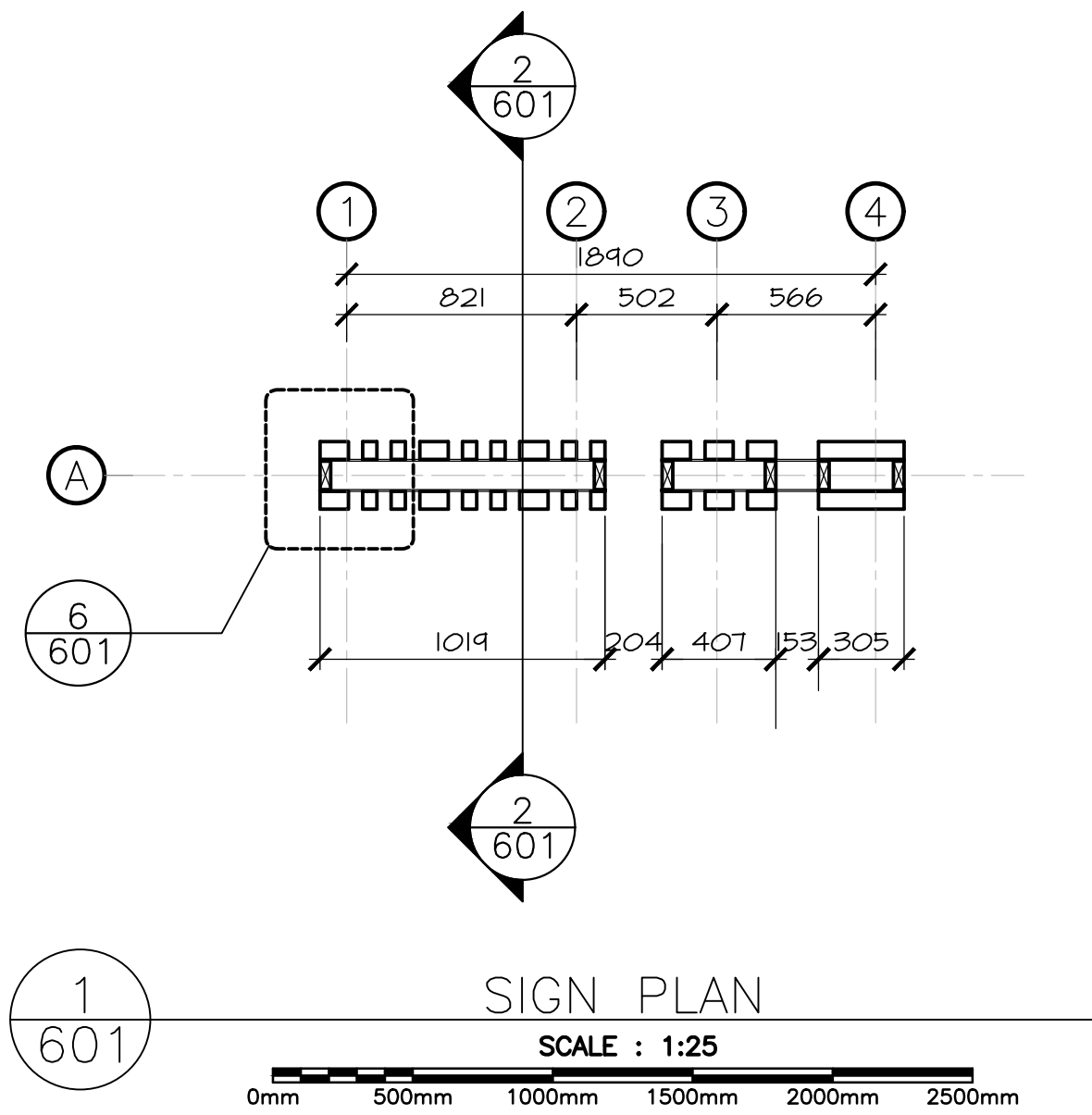
3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing SOUTH SITE
MISCELLANEOUS
DETAILS

designed	CC/JB/BR/SC/KP	conçu
date	----	
drawn	BR/JB	dessiné
date	----	
approved		approuvé
date		
Tender		Soumission
PWGSC Project manager		de projets TPSCG
project number	604	no. du projet
drawing no.	A-504	no. du dessin

SEE LANDSCAPE DRAWINGS FOR
LOCATION OF MONUMENT SIGNS.
CONTRACTOR TO PROVIDE SHOP
DRAWINGS OF SIGN STRUCTURE



3	ISSUED FOR TENDER	12/23 2016
2	ISSUED FOR REVIEW/99%	09/09 2016
1	ISSUED FOR REVIEW/66%	17/15 2016
revisions		date

project

TERRA NOVA
NATIONAL PARK
ENTRANCE
REHABILITATION
PROJECT

drawing

SOUTH SITE
MONUMENT SIGN

designed CC/JB/BR/SC/KP

date

drawn BR/JB

date

approved

date

Tender

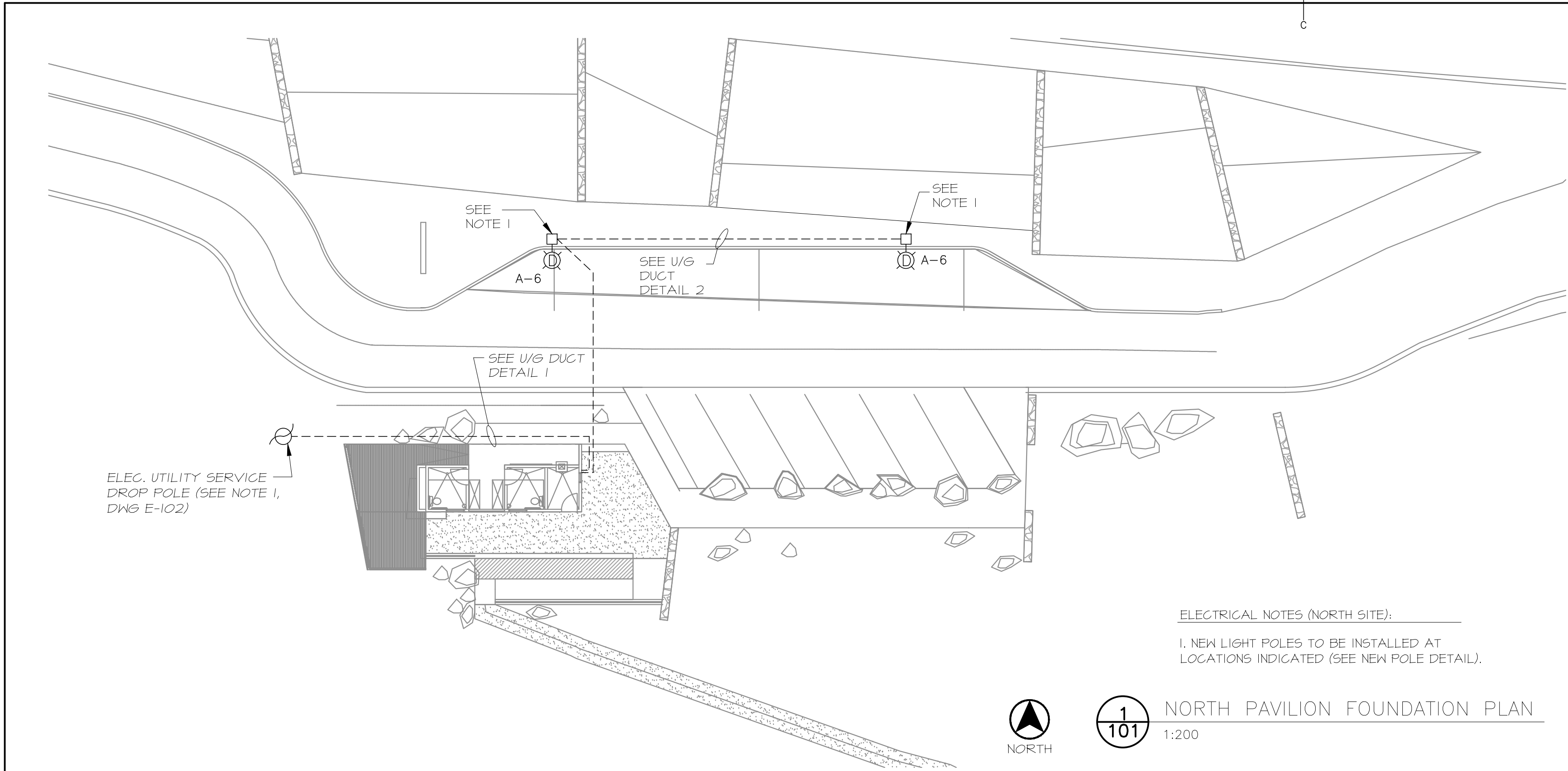
PWGSC Project Manager

project number

604

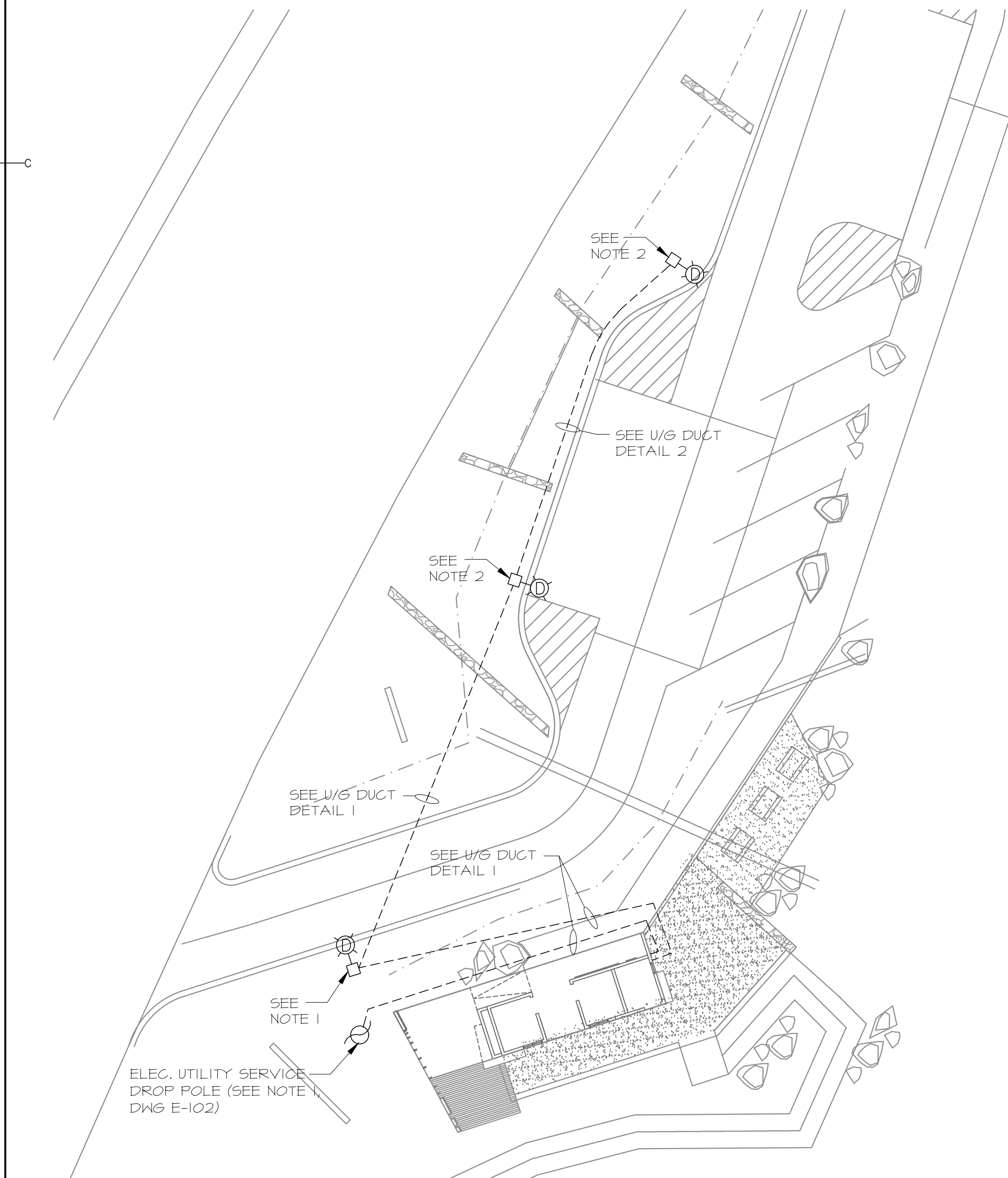
drawing no.

A-601



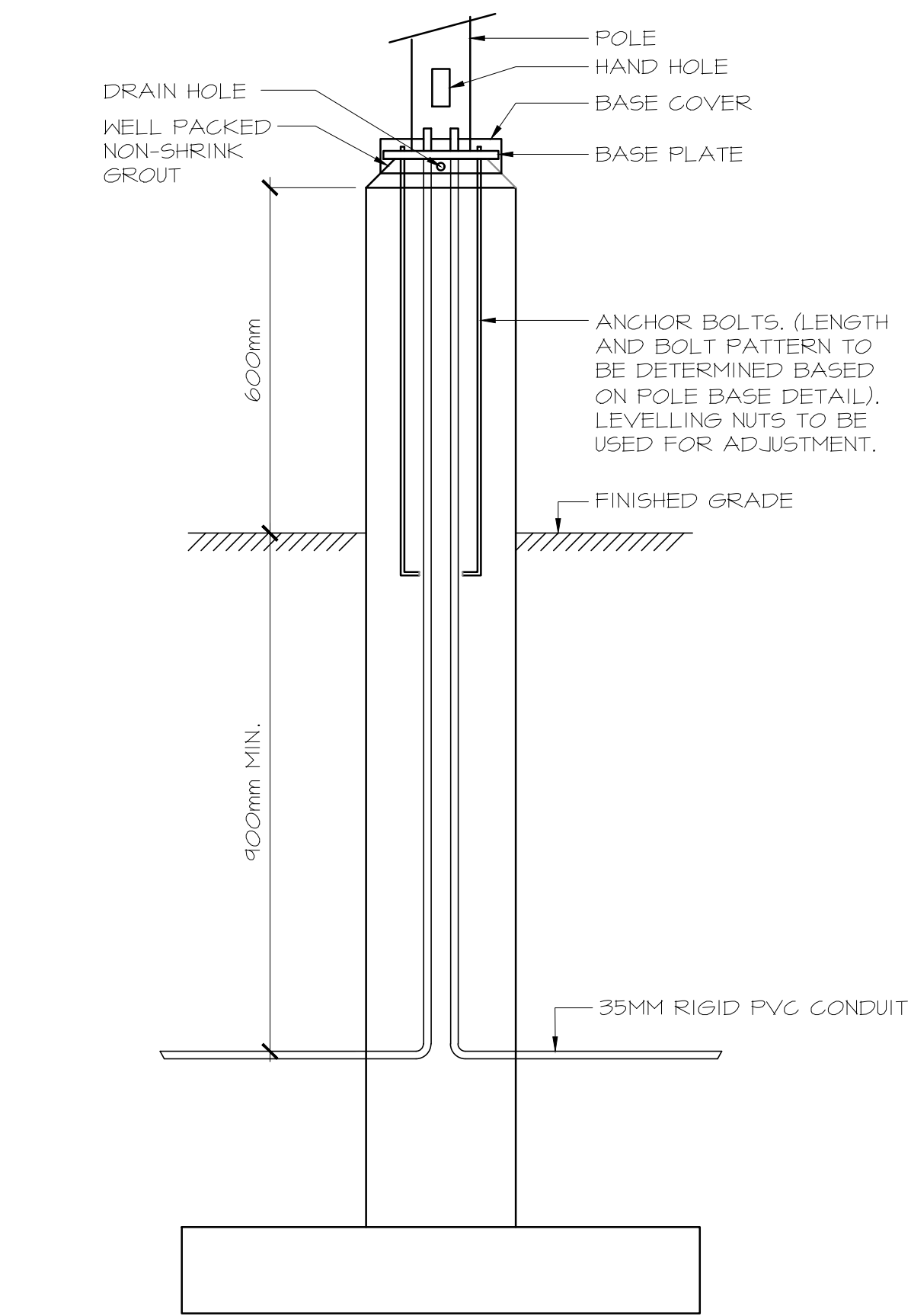
ELECTRICAL NOTES (NORTH SITE):
1. NEW LIGHT POLES TO BE INSTALLED AT LOCATIONS INDICATED (SEE NEW POLE DETAIL).

1
101
NORTH PAVILION FOUNDATION PLAN
1:200



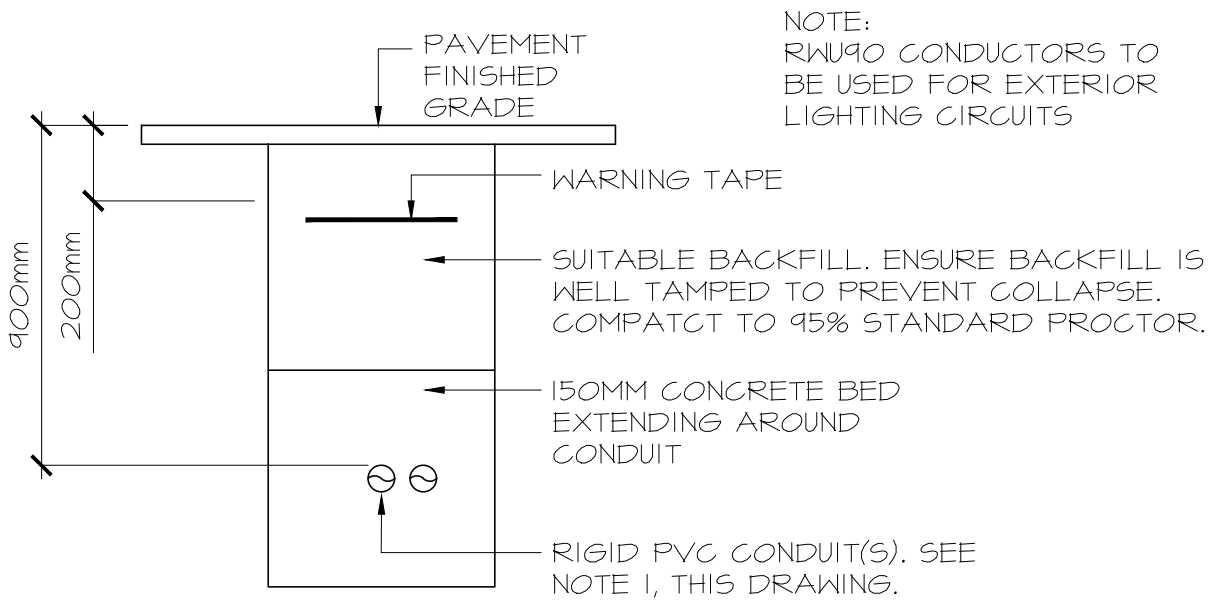
ELECTRICAL NOTES (SOUTH SITE):
1. NEW LIGHT POLES TO BE INSTALLED AT LOCATION INDICATED (SEE NEW POLE DETAIL).
2. EXISTING LIGHT POLES REMOVED FROM EXISTING SOUTH SITE TO BE REUSED AT NEW SOUTH SITE. CONTRACTOR TO ENSURE NEW FIXTURES ARE COMPATIBLE WITH EXISTING POLES, AND BASE ANCHOR BOLT PATTERN TO MATCH EXISTING POLES.

2
101
NORTH PAVILION FOUNDATION PLAN
1:200

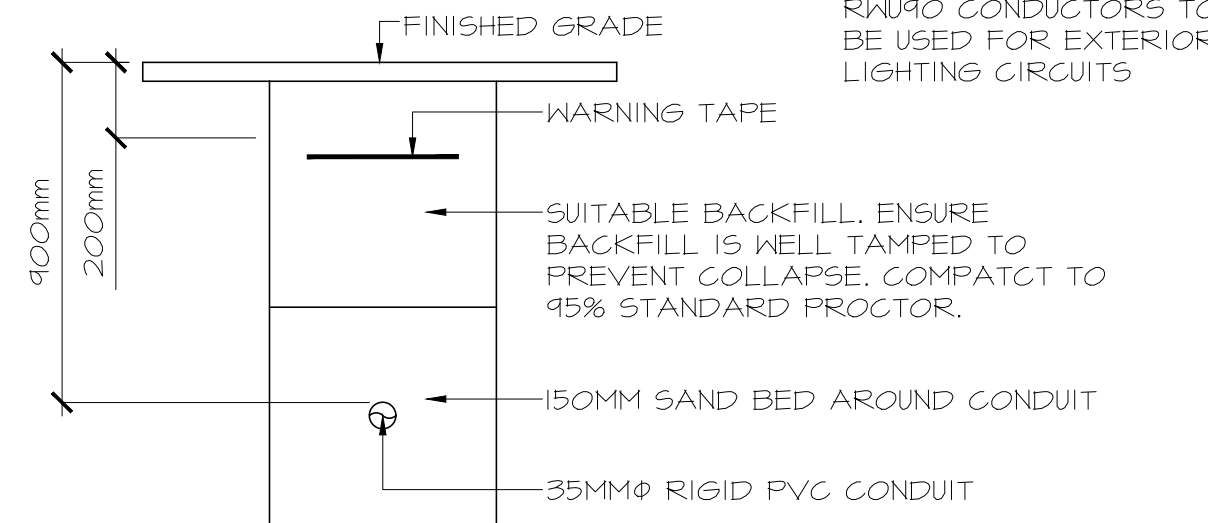


SHOWN FOR REFERENCE ONLY. SUPPLIED AND INSTALLED BY SITE SERVICES CONTRACTOR. POLE STRUCTURAL BASE DETAIL TO BE DESIGNED AND APPROVED BY A REGISTERED PROFESSIONAL STRUCTURAL ENGINEER.

TYPICAL POLE BASE DETAIL
NTS



DUCT DETAIL 1 FOR AREA LIGHTING (VEHICULAR AREA) & UNDERGROUND SERVICE
NTS



DUCT DETAIL 2 FOR AREA LIGHTING (NON-VEHICULAR AREA)
NTS

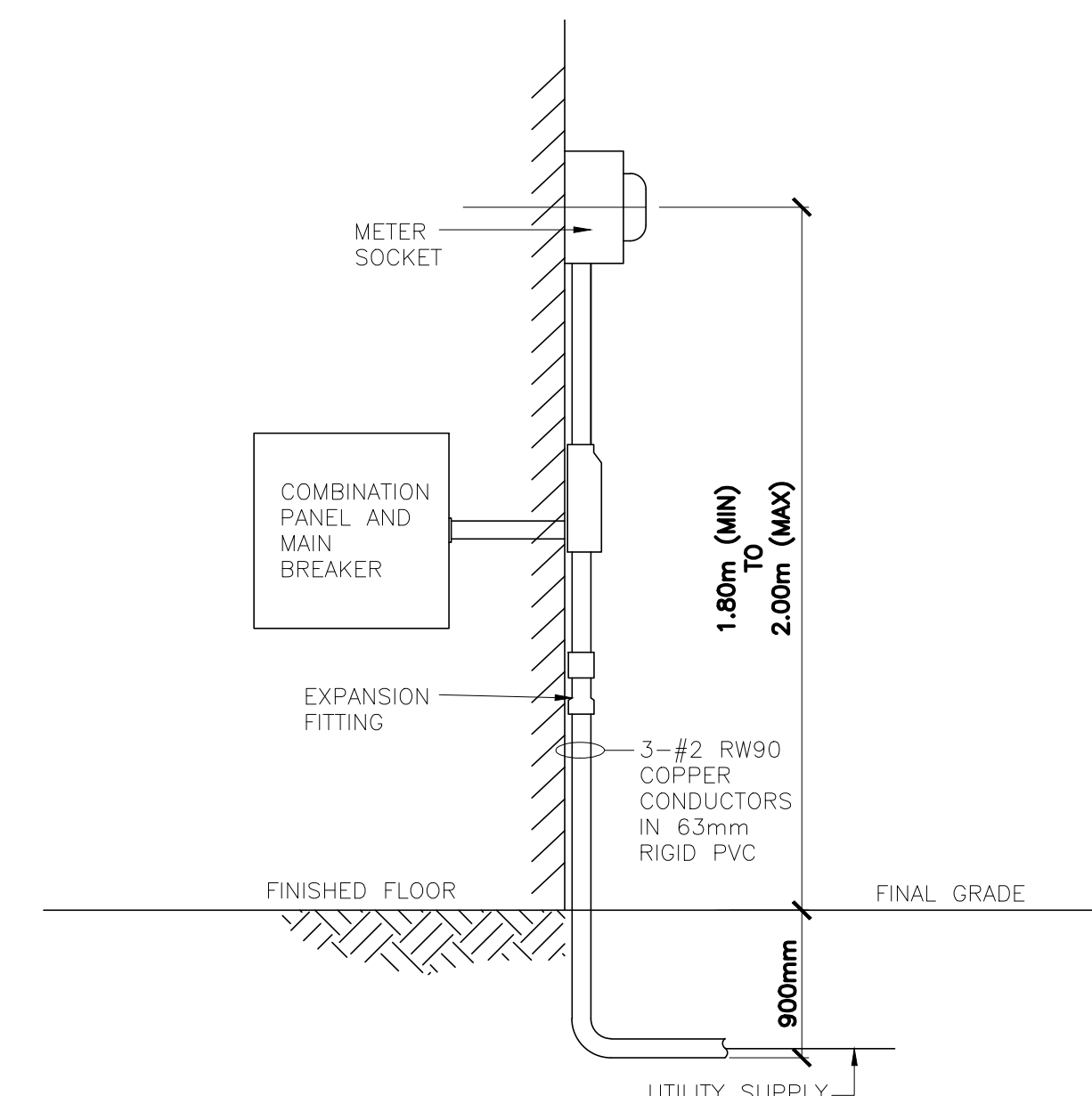
NOTES:
1. FOR AREA LIGHTING (VEHICULAR AREA), 1-35mm RIGID PVC CONDUIT IS REQUIRED. FOR U/G ELECTRICAL/COMMUNICATIONS SERVICE, 1-63mm RIGID PVC CONDUIT (ELECTRICAL CONDUCTORS) AND 1-50mm RIGID PVC CONDUIT (COMMUNICATIONS LINES) ARE REQUIRED.

1	ISSUED FOR TENDER	09/21 2016
revisions		date
project		projet

TERRA NOVA NATIONAL PARK ENTRANCE REHABILITATION PROJECT

ELECTRIAL LAYOUTS NORTH AND SOUTH SITES AND DETAILS

designed	KMG	conçu
date	SEPTEMBER 20, 2016	
drawn	KMG	dessiné
date	SEPTEMBER 20, 2016	
approved		approuvé
date		
Tender		Soumission
PWGC Project Manager	Administrateur de projets TPSGC	
project number		no. du projet
	604	
drawing no.		no. du dessin
	E-101	



1. INSTALLATION SHALL CONFORM TO THE CANADIAN ELECTRICAL CODE, PART I, LATEST VERSION.
2. METER SOCKET, RING TYPE, RATED 600V, SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR.
3. CONTRACTOR TO ENSURE SERVICE GROUNDING SYSTEM IN PLACE UTILIZING THREE (3) - 3000mmX19mm COPPER CLAD GROUND RODS, CONNECTED USING #6 AWG COPPER GROUND WIRE.

ELECTRICAL SERVICE PROVISION NOTES:

1. IT IS RESPONSIBILITY OF CONTRACTOR TO ARRANGE AND SECURE REQUIRED SERVICES WITH AN APPROPRIATE UTILITIES FOR PROVISION OF ELECTRICAL POWER AND COMMUNICATIONS (PHONE DATA) AT BOTH SITES.
OWNER WILL BE RESPONSIBLE FOR C.I.A.C. COSTS ASSOCIATED WITH UTILITY SERVICES TO EACH SITE.
SERVICE DROP POLE LOCATIONS ARE FOR REFERENCE ONLY AND SUBJECT TO FINAL CONFIRMATION WITH OWNER AND UTILITY.
ELECTRICAL SERVICE DROP POLES TO BE MINIMUM HEIGHT REQUIRED BY AHJ TO ALLOW FOR 5000mm (MINIMUM) AERIAL CLEARANCE FOR ALL WIRES (ELECTRICAL AND/OR COMMUNICATIONS).

	LIGHTING CONTROL C/W RELAYS FOR HAND-OFF-AUTO (PHOTOCELL) CONTROL OF BUILDING EXTERIOR AND POLE MOUNTED EXTERIOR LIGHTS
	OUTLET OR JUNCTION BOX
	SURFACE MOUNTED PANEL
	ELECTRIC BASEBOARD HEATER, 1000W, 240V, A-1(3) INDICATES CIRCUIT #
	LINE VOLTAGE THERMOSTAT C/W CLEAR LOCKABLE COVER
	ELECTRICAL CONNECTION TO MECHANICAL EQUIPMENT
	DATA OUTLET C/W DUAL PORT FACEPLATE AND TWO (2) CAT 6 DATA JACKS BACK TO DATA/MODEM LOCATION
	ELECTICAL CONNECTION TO OWNER SUPPLIED TICKETING STATION (REQUIRES 120 VAC POWER AND DATA), A-3 INDICATES CIRCUIT #
	120V LIGHTING SWITCH
	A-3 CEILING RECESSED MOUNTED LIGHT FIXTURE (120V) (TYPE A)
	WALL MOUNTED LIGHT FIXTURE (120V) (TYPE C), CONTROL BY CONTACTOR/PHOTOCELL
	POLE MOUNTED AREA LIGHT FIXTURE (120V) (TYPE D), CONTROL BY CONTACTOR/PHOTOCELL
	PHOTOCELL FOR LIGHTING CONTROL
	A-1 DUPLEX RECEPTACLE, 120V, 15A, SPECIFICATION GRADE MOUNT 400mm AFF. A-1 INDICATES CIRCUIT #, GFI INDICATES GROUND FAULT INTERRUPT. TYPE C INDICATES WEATHERPROOF COVER REQUIRED.

PANEL A

VOLTS <u>120/240</u>			LOCATION <u>SERVICE/STORAGE RM</u>				MAIN BREAKER <u>100 A</u>						
PHASE <u>1</u>			FED FROM <u>UTILITY</u>				IC RATING <u>10 KA</u>						
WIRE <u>3</u>			MOUNTING <u>SURFACE</u>				CIRCUITS <u>24</u>						
DESIGNATION	WATTAGE		WIRE	BKR	CCT	A	C	CCT	BKR	WIRE	WATTAGE		DESIGNATION
	ΦC	ΦA									ΦA	ΦC	
RECEPT - WASHROOM	-	-	12	15	1	●		2		20	12		HEATING
RECEPT - WASHROOM	-	-	12	15	3			4			12		
LIGHTS - INTERIOR	-	-	12	15	5	●		6	15	12			
RECEPT - PAY STATION	-	-	12	15	7			8	15	12			RECEPT - SERVICE RM
EXHAUST FANS			12	15	9	●		10	15	12			LIGHTS - EXT. BUILDING
					11			12	15	12			LIGHTS - SIGNAGE
					13	●		14					
					15			16					
					17	●		18					
					19			20					
					21	●		22					
					23			24					

ΦA TOTAL: -

ΦC TOTAL: -

TOTAL LOAD -

NOTES

1) * INDICATES BREAKER LOCK-ON DEVICE

LIGHTING SCHEDULE					
TYPE	MANUFACTURER	MODEL NO.	VOLTAGE	LAMPS	MOUNTING/COMMENTS
A	PHILIPS LIGHTOLIER	P6RD-20-N-U/P6RD8-35/P6RD	120	LED	EXTERIOR LOCATED LIGHTS CONTROL BY PHOTOCELL/CONTACTOR
B	PHILIPS COLOR KINETICS	VAYA LINEAR 12NC-910503704628	120	LED	SURFACE SIGN LIGHTING CONTROL BY PHOTOCELL/CONTACTOR
C	PHILIPS KEENE	313-LED-16170-4K-120	120	LED	WALL MOUNTED, CONTROL BY PHOTOCELL/CONTACTOR
D	SEE SPEC.				POLE MOUNTED