

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique



Revision	Description/Description	Date/Date
5		
4		
3		
2	ISSUED FOR TENDER	20/03/27
1	ISSUED FOR 99% DESIGN REVIEW	20/03/03
0	ISSUED FOR 50% DESIGN REVIEW	20/01/29

Client/client

ESQUIMALT
GRAVING DOCK

825 ADMIRALS ROAD
VICTORIA, BC, V9A 2P1

Project title/Titre du projet
ESQUIMALT, BC
825 ADMIRALS ROAD

ESQUIMALT GRAVING DOCK
PEDESTRIAN WALKWAY
EXTENSION LOT B1

Consultant Signature Box Only

Designed by/Concept par
EP

Approved by/Approuvée par
EP

Drawn by/Dessiné par
CD/EP

PWGSC Project Manager/Administrateur de Projets TPSGC
SETH LEONARD

PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC

Drawing title/Titre du dessin

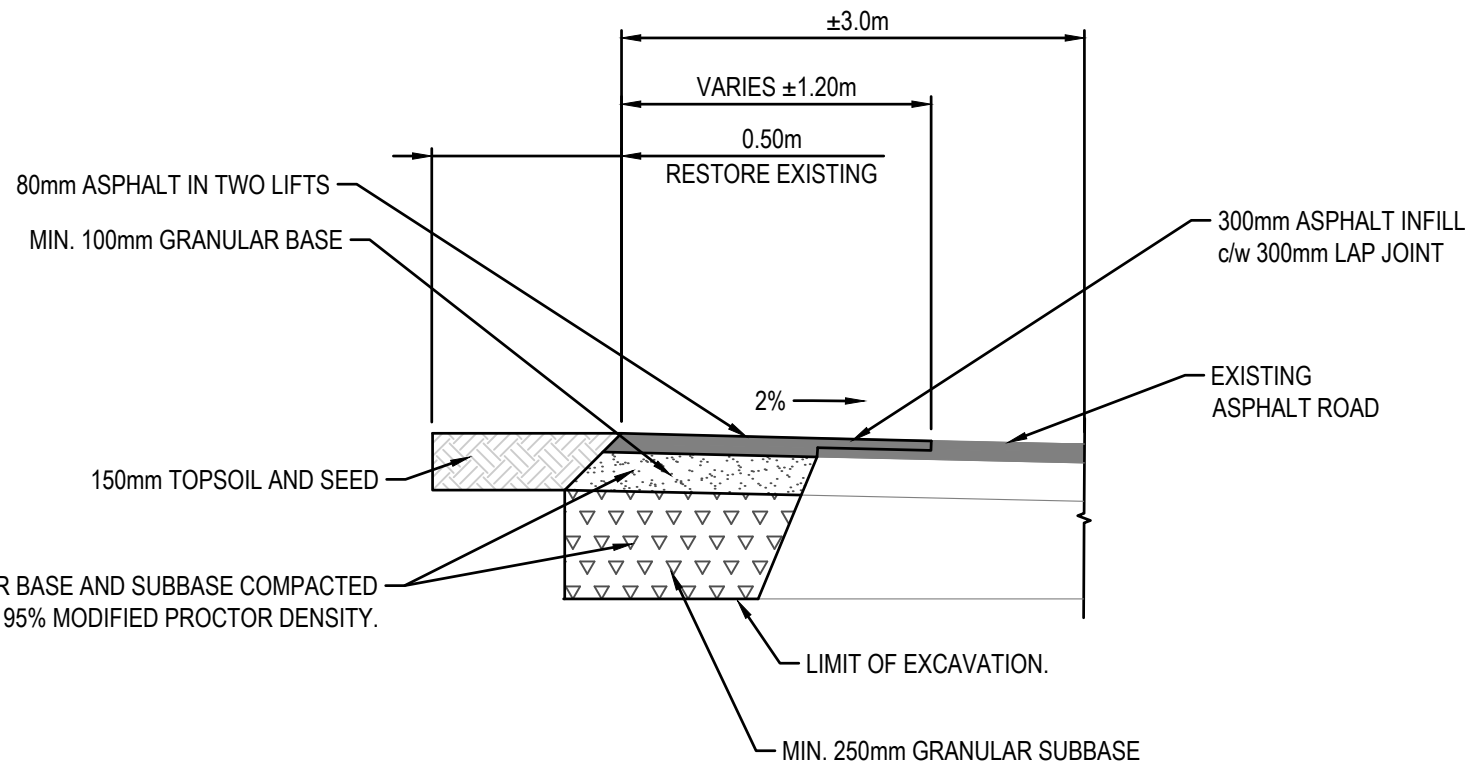
SITE PLAN

Project No./No. du projet
R 106346.001

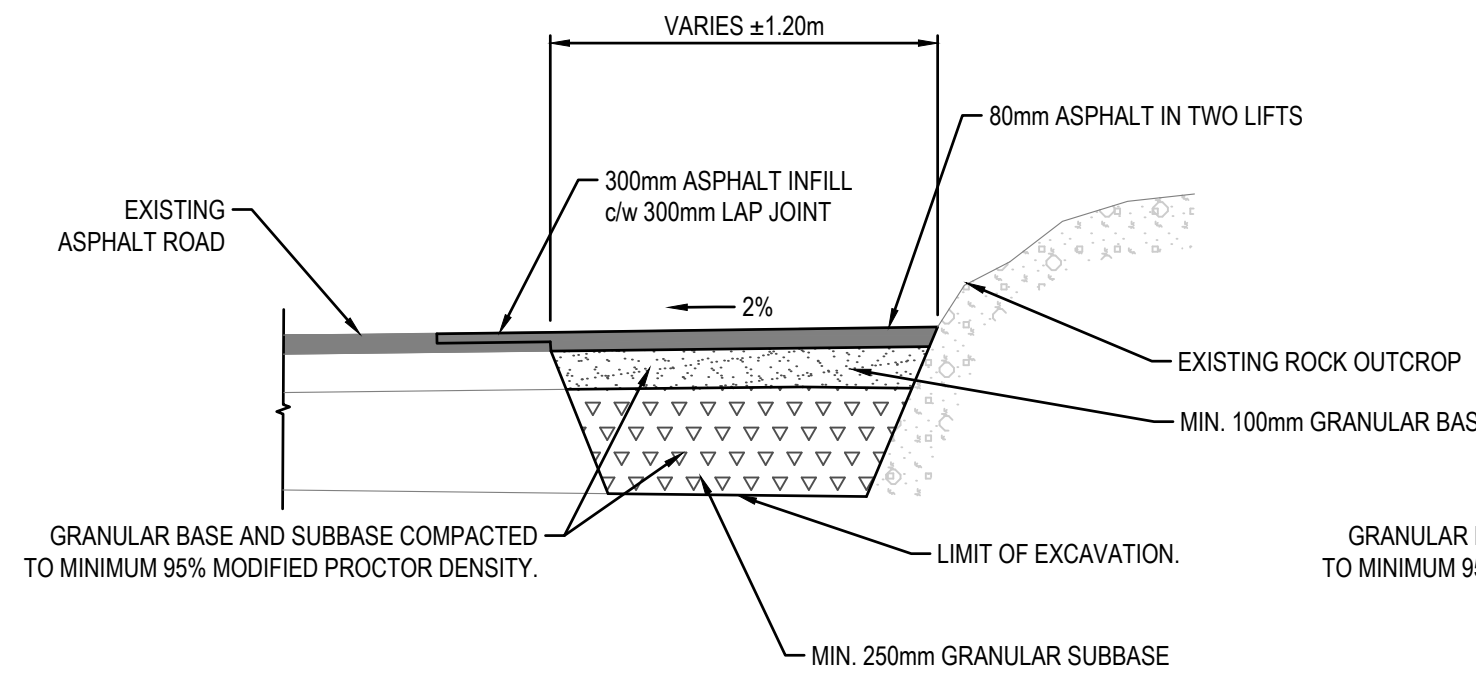
Sheet/Feuille
C100

1 OF 2

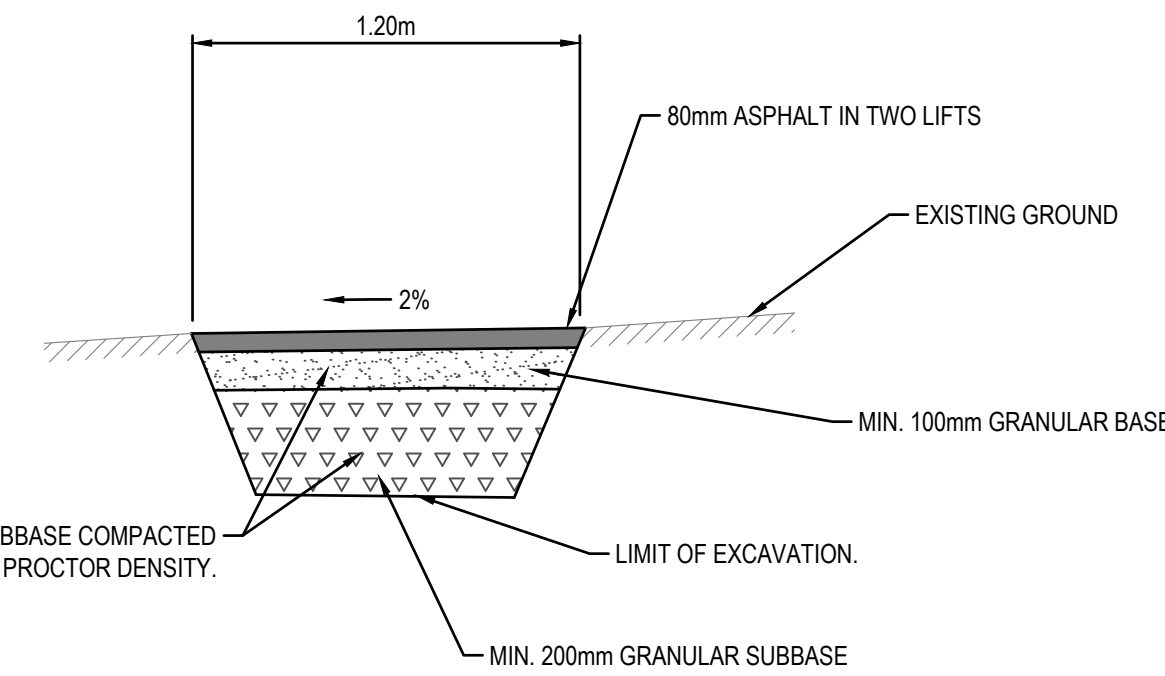
Revision no./
La révision
no.
2



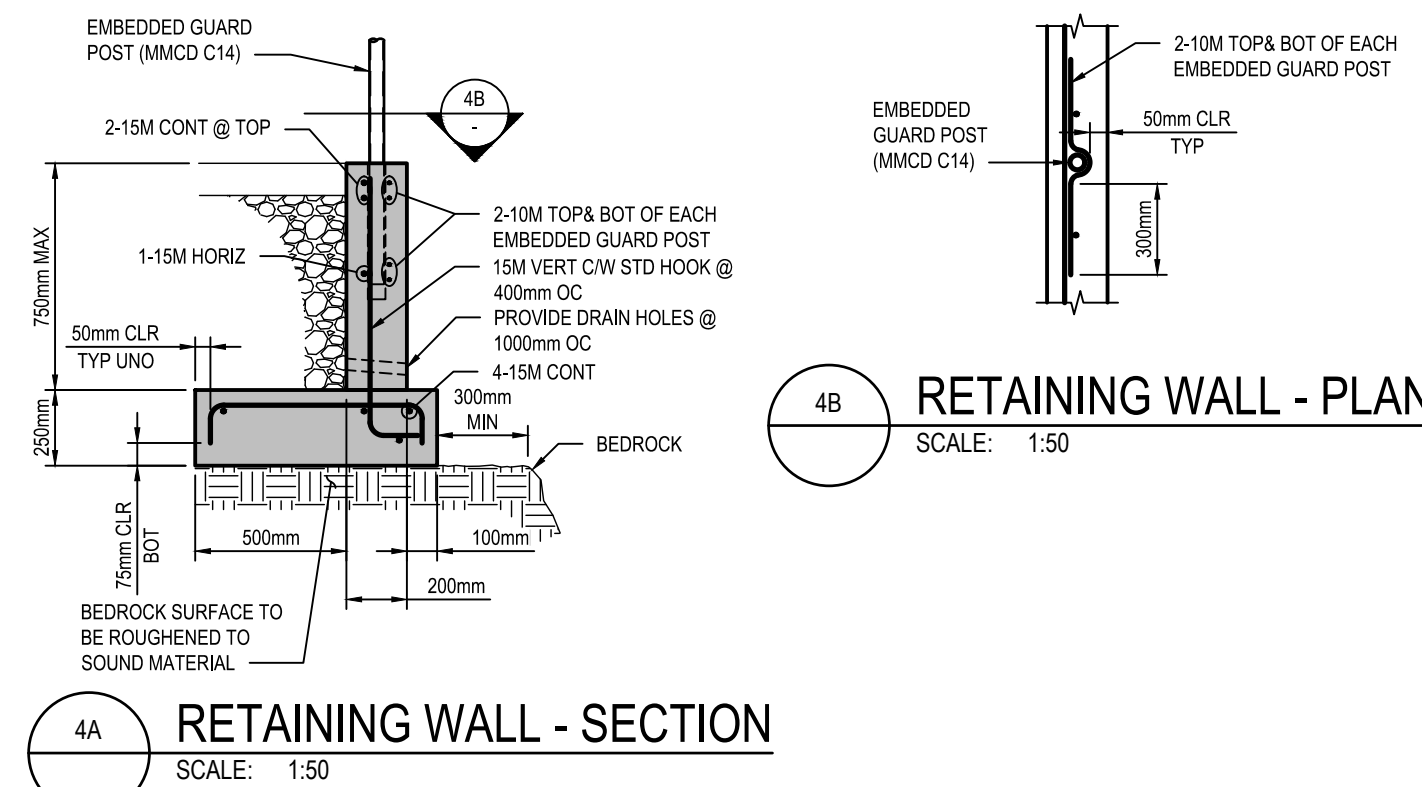
A SECTION THROUGH LANE WIDENING
SCALE: NTS



B SECTION THROUGH WIDENING FOR WALKWAY
SCALE: NTS

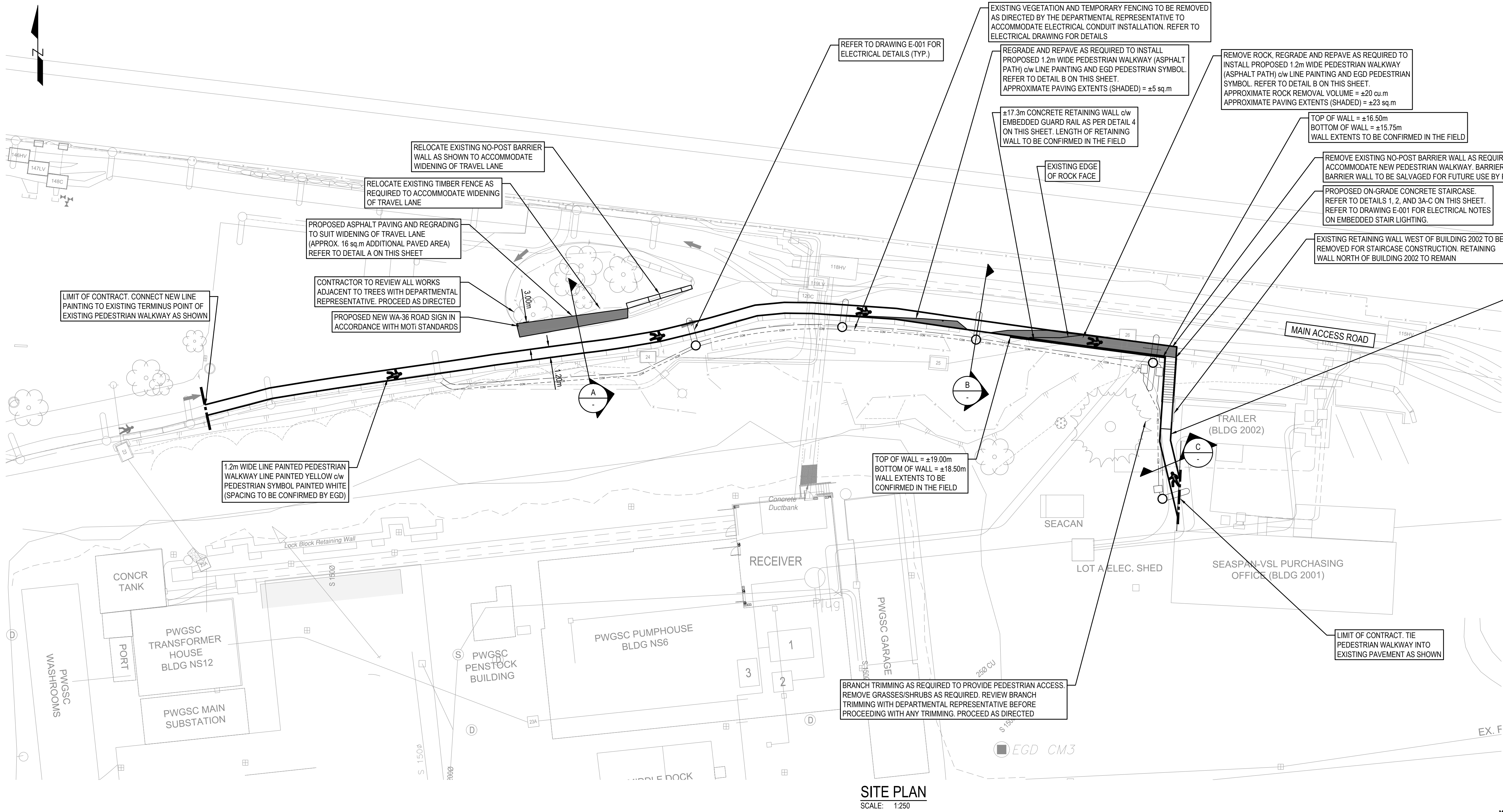


C WALKWAY SECTION AT BASE OF STAIRS
SCALE: NTS

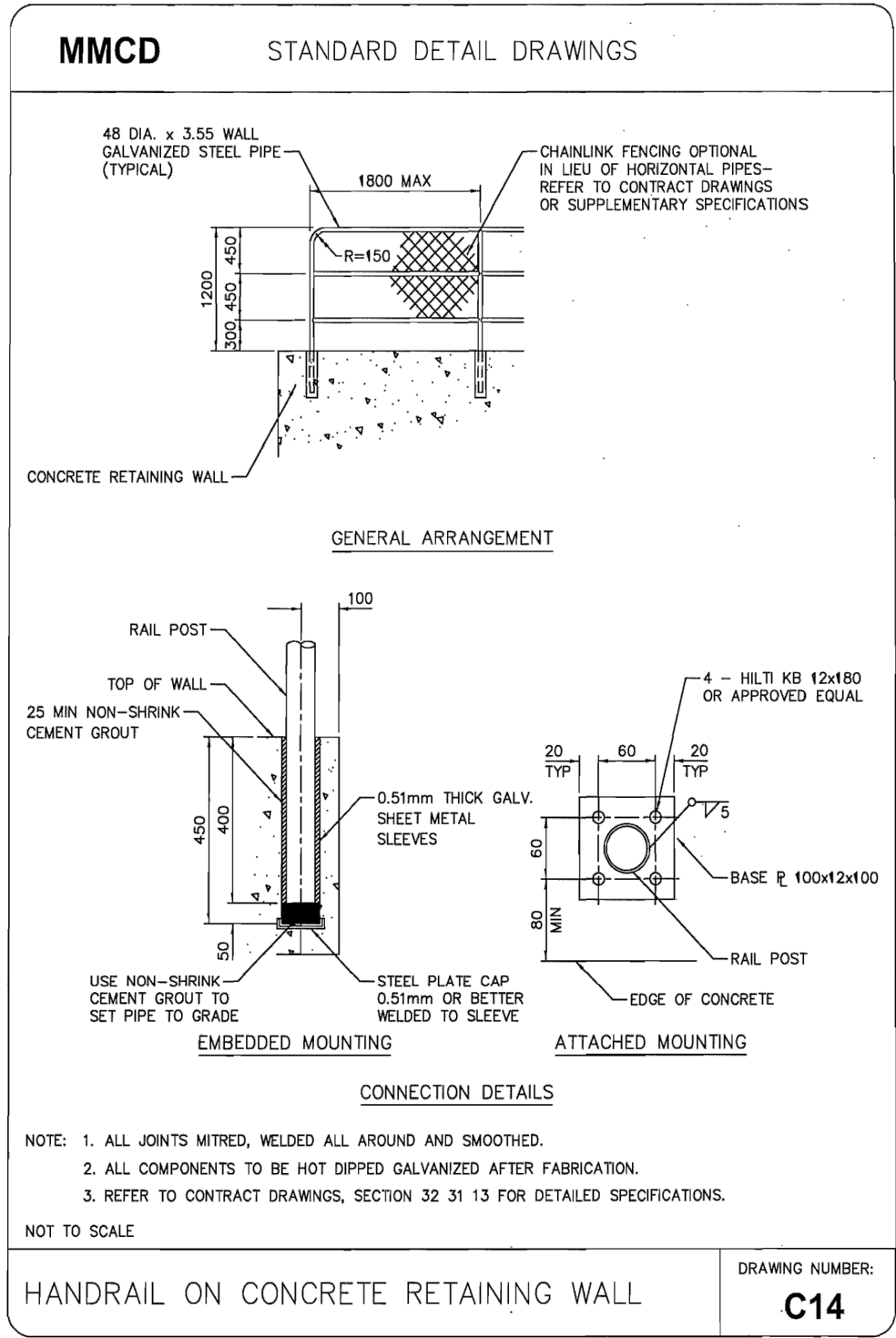


RETAINING WALL - SECTION
SCALE: 1:50

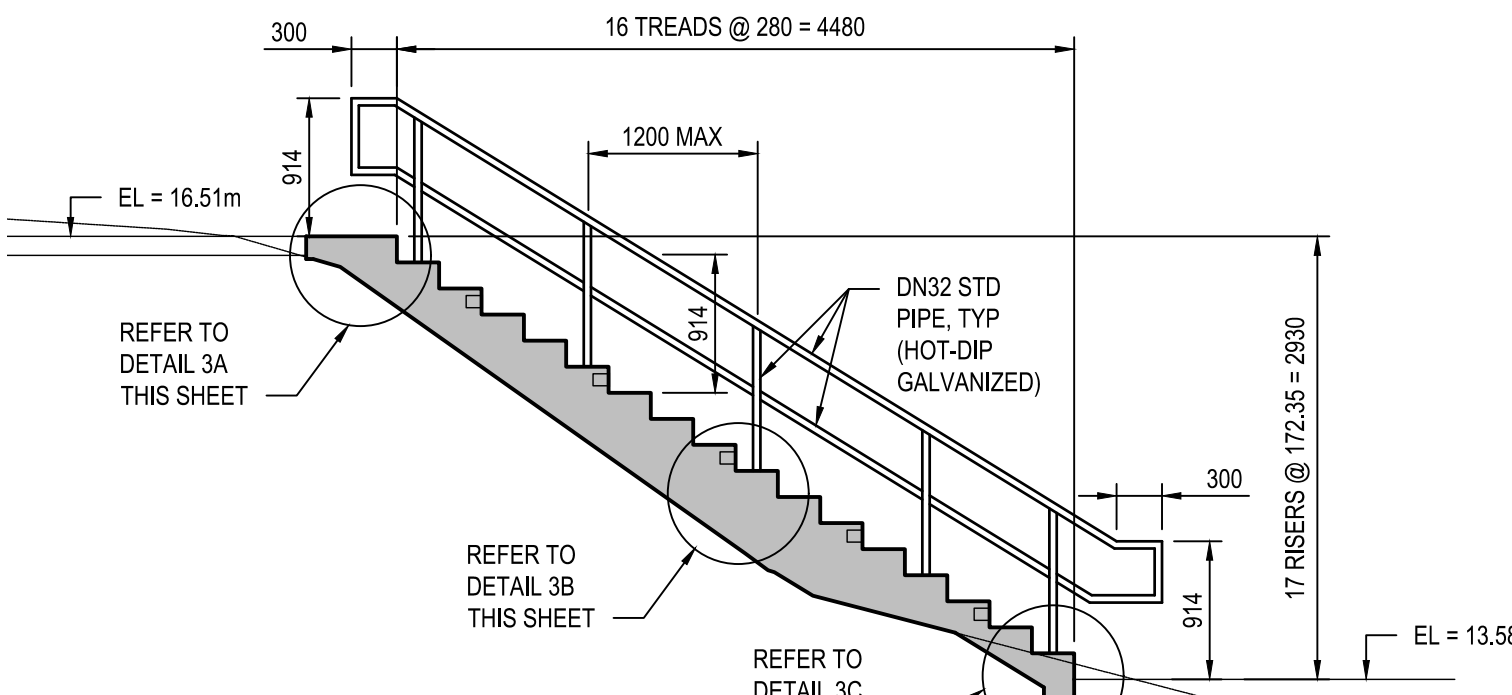
RETAINING WALL - PLAN
SCALE: 1:50



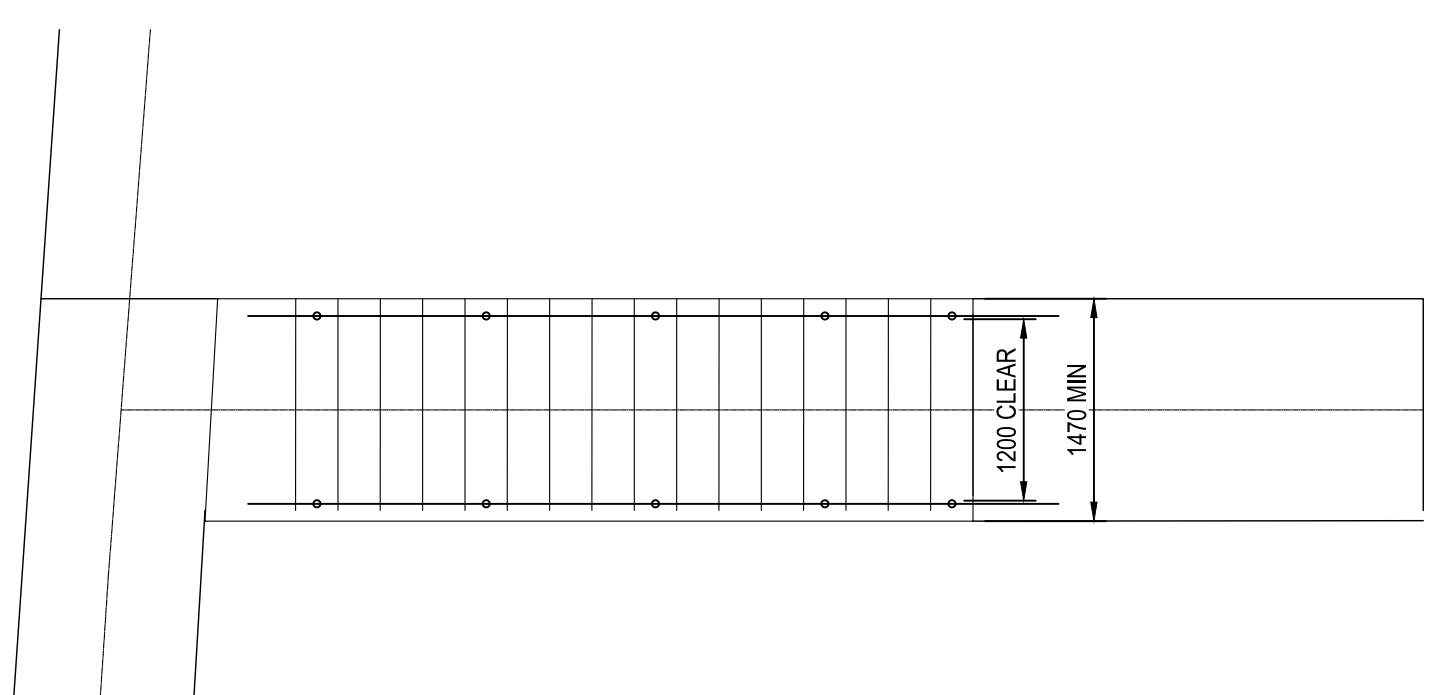
SITE PLAN
SCALE: 1:250



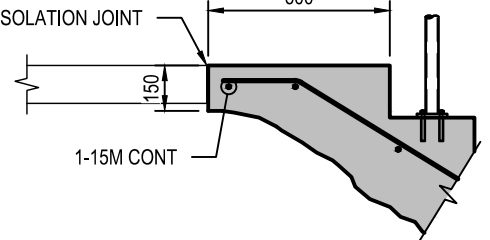
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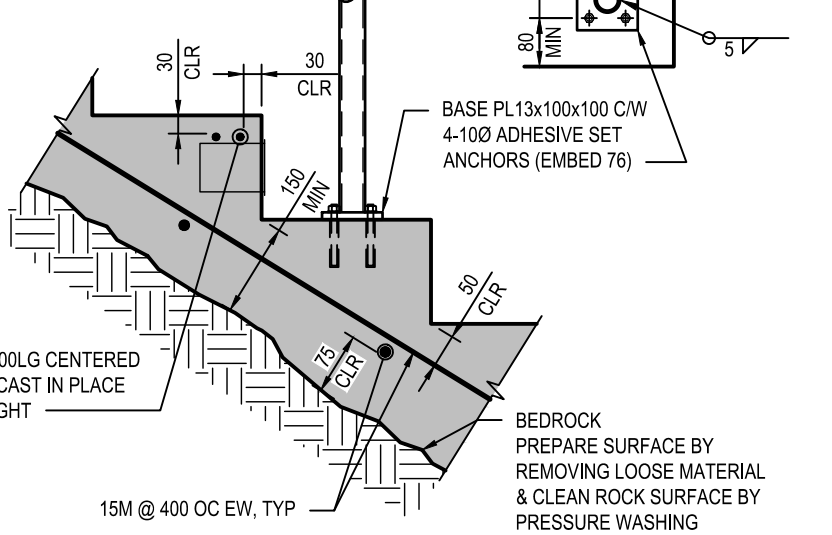
1 STAIR ON GRADE - PROFILE
SCALE: 1:50



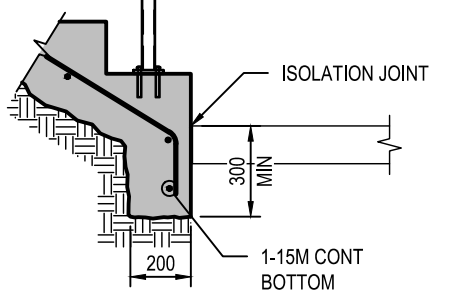
2 STAIR ON GRADE - PLAN
SCALE: 1:50



3A UPPER LANDING DETAIL
SCALE: 1:25



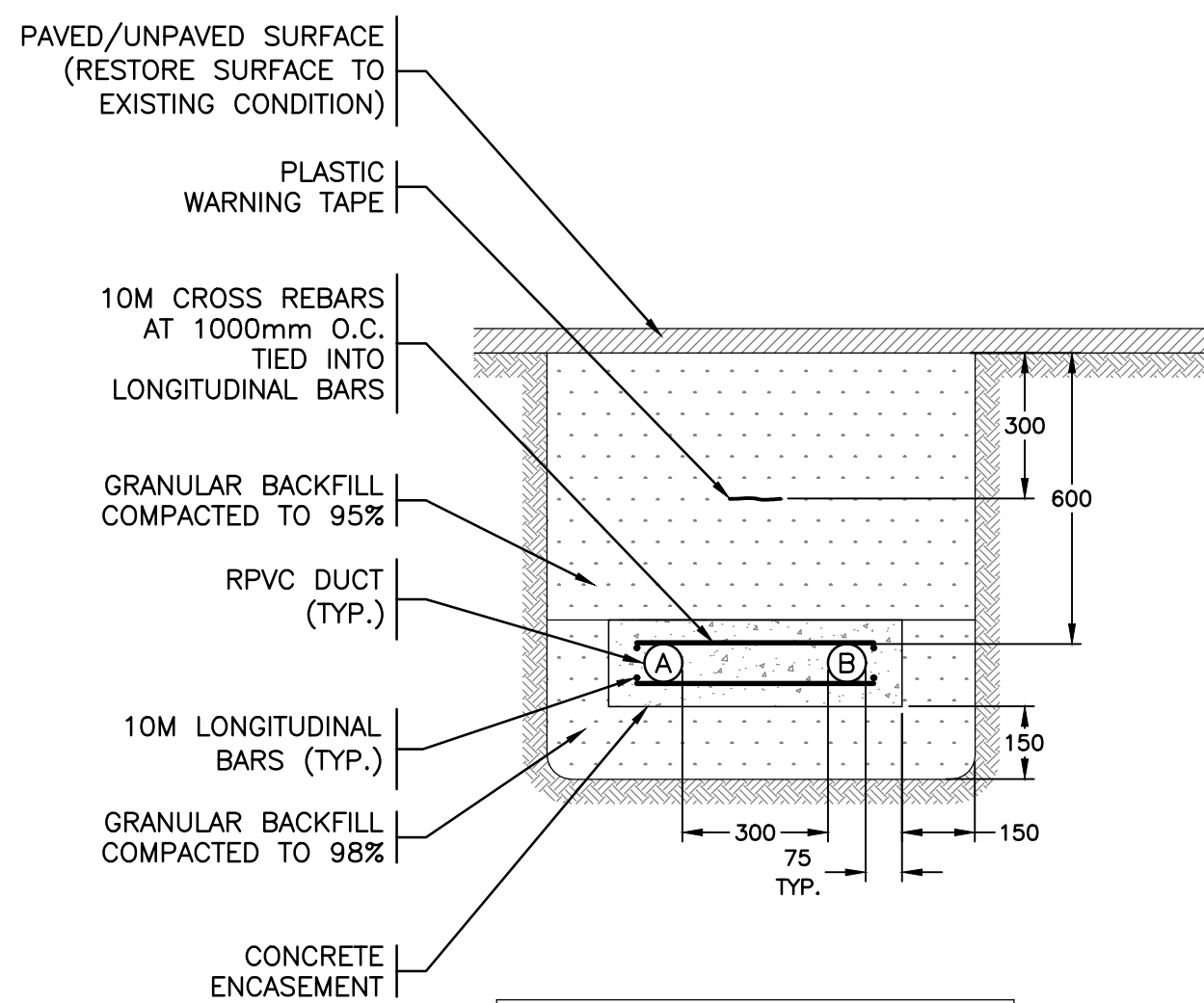
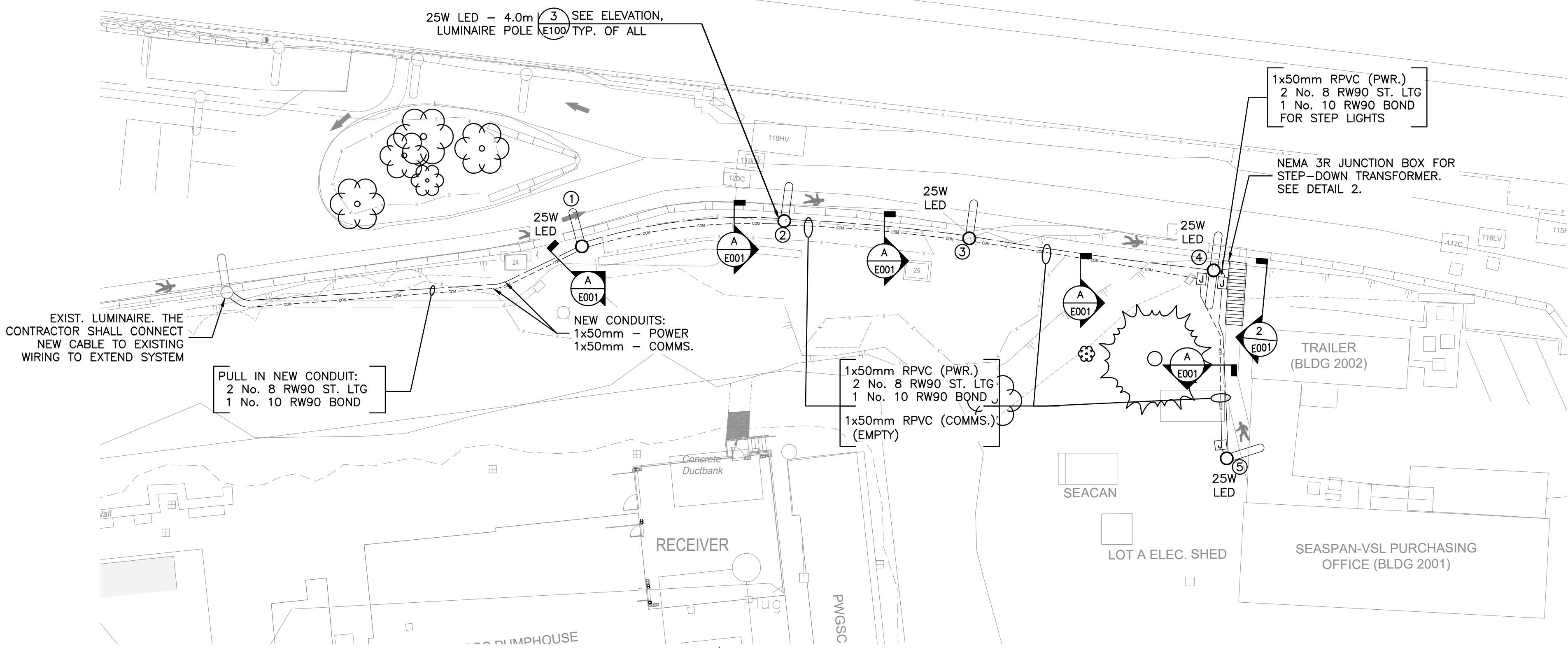
3B MID-STAIR DETAIL
SCALE: 1:12.5



3C LOWER LANDING DETAIL
SCALE: 1:25

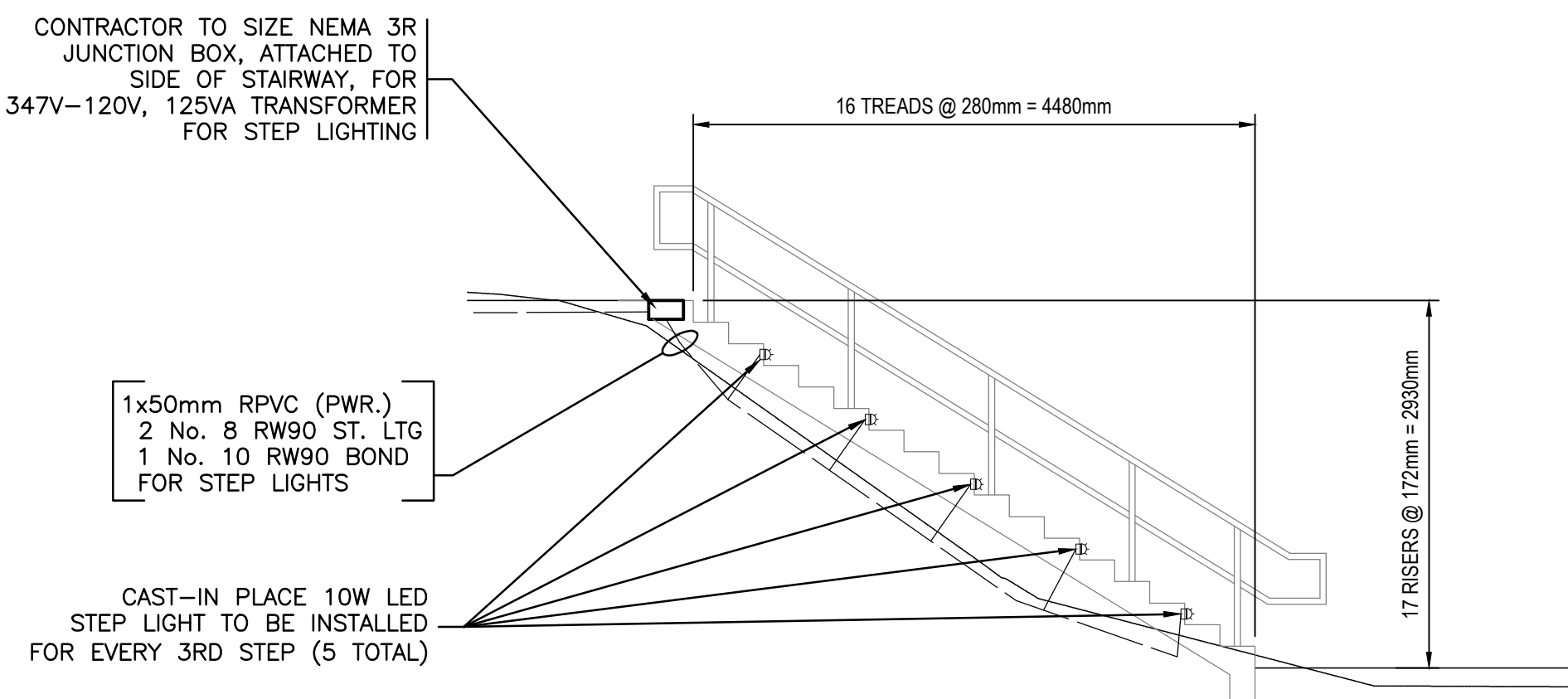
1:250 5 0 5 10 15 m

LEGEND (DOTTED SYMBOLS DENOTE EXISTING TO BE REMOVED/ SOLID SYMBOLS DENOTE EXISTING TO REMAIN/ HOLLOW SYMBOLS DENOTE PROPOSED EQUIPMENT)		
LOW VOLTAGE — UNDERGROUND DUCT WORK — 50mm RPVC	LUMINAIRE POLE, SINGLE FIXTURE	508mm (L) x 355mm (W) x 305mm (H) CONCRETE JUNCTION BOX
COMMUNICATIONS UNDERGROUND DUCT WORK — 50mm RPVC	LUMINAIRE POLE, DOUBLE FIXTURE	

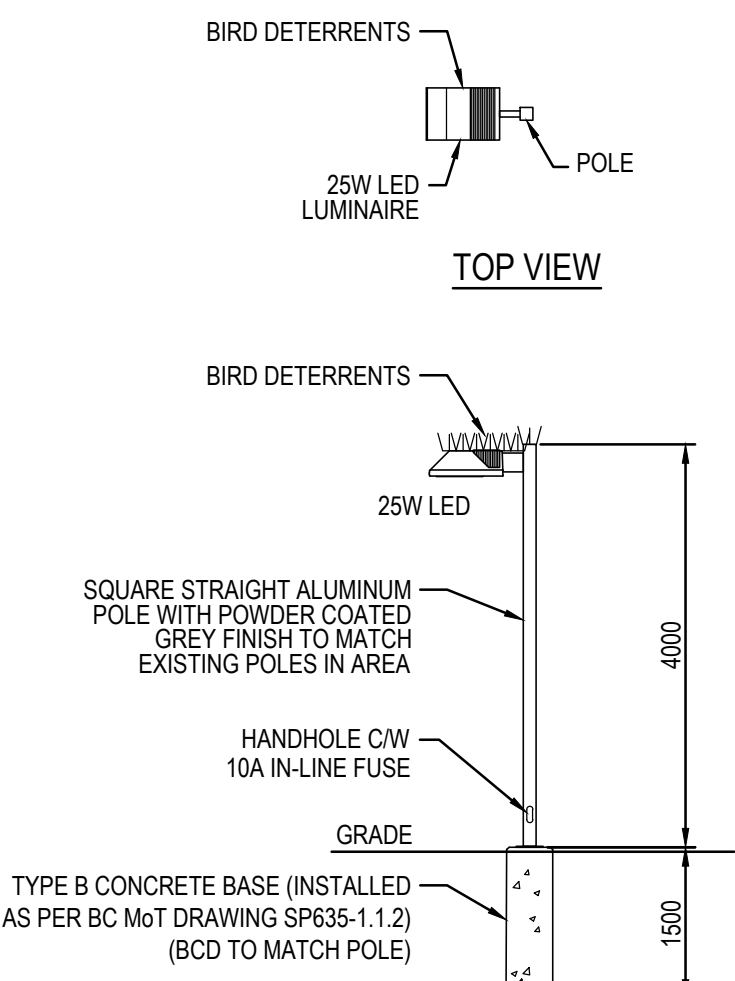


CONDUIT SCHEDULE	
A	53mm RPVC (POWER)
B	53mm RPVC (COMM)

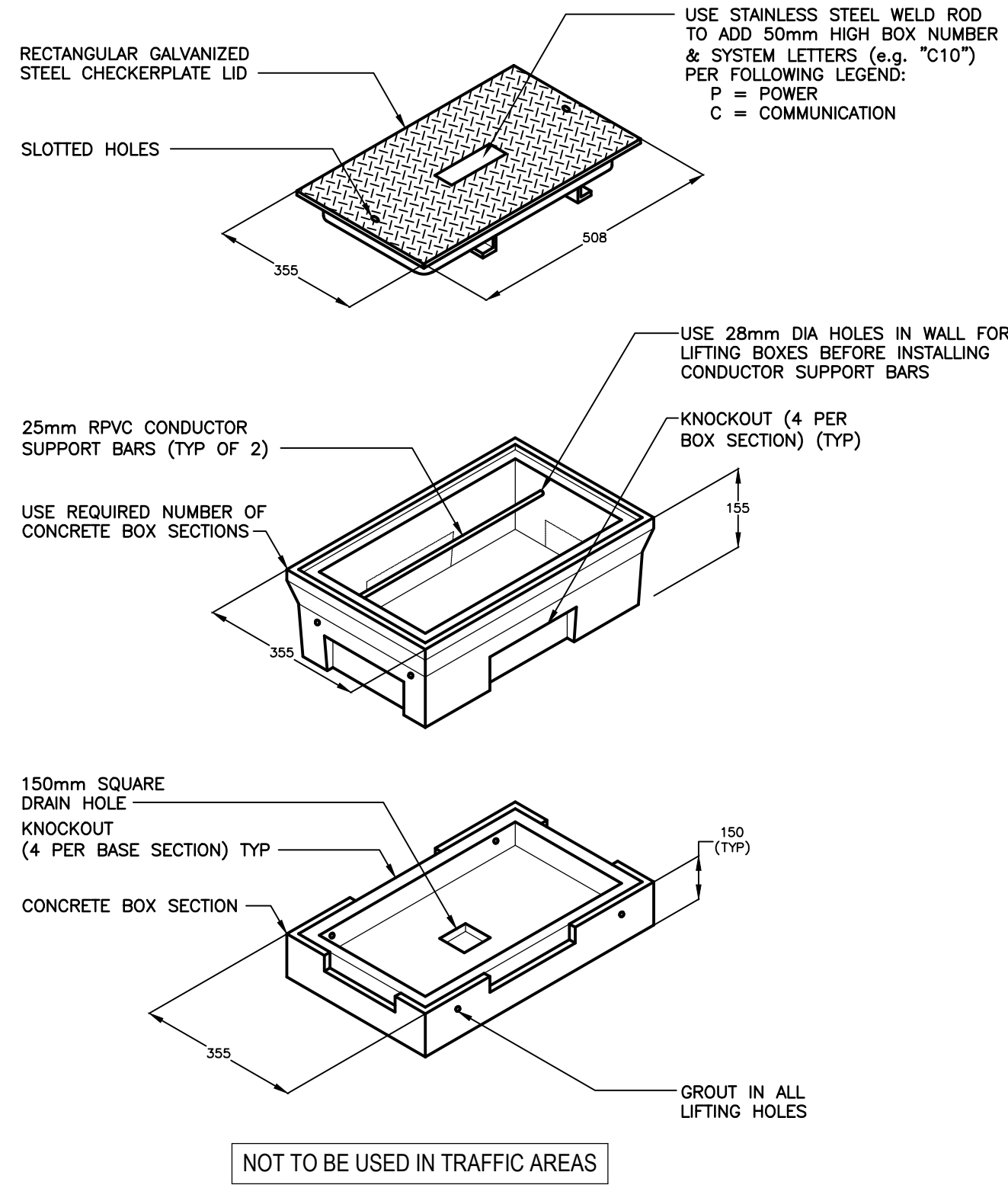
1 TRENCHING DETAIL
SCALE: N.T.S.



2 STAIR ELEVATION DETAIL
SCALE: 1:50



3 LUMINAIRE POLE ELEVATION
SCALE: 1:75



4 JUNCTION BOX DETAIL
SCALE: N.T.S.

CONDUCTOR COLOUR CODE	
ITEM	CONDUCTOR COLOUR
LUMINAIRE CCT. R	RED
LUMINAIRE CCT. B	BLACK
NEUTRAL	WHITE
GROUND/BOND	GREEN

DO NOT USE THIS DRAWING FOR PAVEMENT MARKING AND SIGNING STANDARDS

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

- GENERAL NOTES:**
- CONTRACTOR SHALL MAINTAIN ALL REQUIRED CLEARANCES ACCORDING TO C.E.C. 2018.
 - 1.1. MAINTAIN 300mm HORIZONTAL CLEARANCE FROM POWER CONDUITS TO TELECOMMUNICATIONS CONDUITS.
 - 1.2. MAINTAIN 900mm HORIZONTAL CLEARANCE FROM POWER CONDUITS TO STORM AND SANITARY MAINS.
 - 1.3. MAINTAIN 150mm VERTICAL CLEARANCE FROM POWER CONDUITS TO TELECOMMUNICATIONS CONDUITS.
 - 1.4. MAINTAIN 300mm VERTICAL CLEARANCE FROM POWER CONDUITS TO STORM AND SANITARY MAINS.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE WITH CIVIL ENGINEERING DRAWINGS AND CIVIL CONTRACTOR FOR EXACT LOCATIONS.
 - INSTALL PULL STRING IN SPARE COMMUNICATIONS CONDUIT.
 - CONTRACTOR TO PROVIDE TWO SPARE FIXTURES OF EACH TYPE TO HAND OVER TO EGD STAFF.
 - NEW POLES AND POLE MOUNTED LUMINAIRES TO MATCH EXISTING.
 - STEP MOUNTED LUMINAIRES SHOWN ON THIS DRAWING ARE THE STANDARD OF ACCEPTANCE. ANY LUMINAIRE THAT IS EQUAL OR BETTER THAN THE ONE NOTED WILL BE CONSIDERED AFTER TENDER CLOSING AND DURING SHOP DRAWING REVIEW.

LIGHTING DESIGN CRITERIA	
ROADWAY NAME	PEDESTRIAN WALKWAY EXTENSION LOT B1
CLASSIFICATION	LOCAL
PEDESTRIAN CONFLICT	MEDIUM
RECOMMENDED MINIMUM ILLUMINANCE	10.0 LUX
MINIMUM ILLUMINANCE DELIVERED	14.0 LUX
RECOMMENDED UNIFORMITY	4.1:1
UNIFORMITY DELIVERED	2.29:1
ILLUMINATION TYPE	25W LED — 4.0m DAVIT STYLE POLE
LUMINAIRE MANUFACTURER/SERIES/WATTAGE/DISTRIBUTION/CURRENT	EATON LIGHTING/ AVS / 25W / TYPE 2 / 1000ma

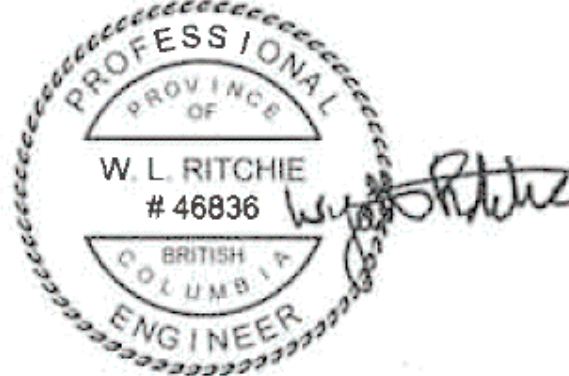
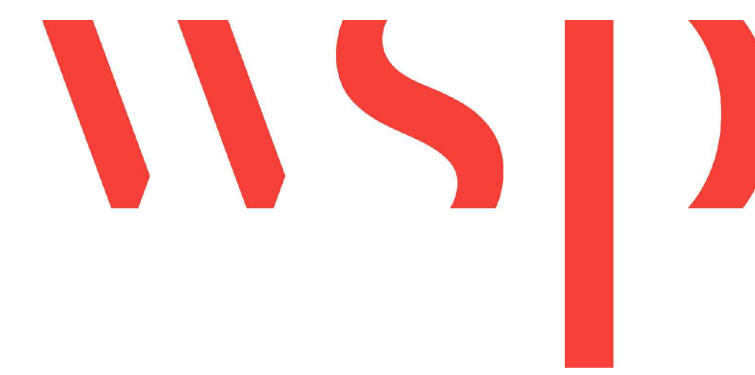
NOTE:
DESIGN CRITERIA BASED ON IESNA RP-8-14 (TABLE 8).

LIGHTING SCHEDULE			
FIXTURE TYPE	MANUFACTURER	CATALOGUE NUMBER	WATTAGE/VOLTAGE
POLE MOUNTED	EATON	AVS-E01-LED-E-9-SL2-AP-DIM-MS-L20	25W / 347V
STEP MOUNTED	BEGA	22137-ADA-K4	10W / 120V

POLE LOCATIONS		
POLE No.	NORTHING	EASTING
1	5365015.169	468579.263
2	5365017.210	468595.519
3	5365015.811	468610.372
4	5365013.242	468630.009
5	5364998.141	468631.063

SYSTEM VOLTAGE 347V

ALL EQUIPMENT IS PROPOSED UNLESS NOTED OTHERWISE



2020-03-31

NOT FOR CONSTRUCTION

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5		
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825 ADMIRALS ROAD

ESQUIMALT GRAVING DOCK
PEDESTRIAN WALKWAY
EXTENSION LOT B1

Consultant Signature Box Only

Designed by/Concept par
WLR

Approved by/Approuvée par
EJM

Drawn by/Dessiné par
PWGSC Project Manager/Administrateur de Projets TPSGC
SETH LEONARD

PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC

Drawing title/Titre du dessin

ELECTRICAL SITE PLAN,
CONSTRUCTION NOTES,
AND DETAILS

Project No./No. du projet

Sheet/Feuille

Revision no./
La Révision
no.

R 106346.001

E100

2 OF 2

