

**LEGEND:**  
① CABLE IDENTIFICATION #. REFERENCE THIS DWG. "FEEDER NOTES"

**FEEDER NOTES:**

- ① 2#3 AWG RW75 Cu.+ 1#4 BOND  
2#8 AWG RW75 Cu.+ 1#10 BOND.
- ② 2#3 AWG RW75 Cu.+ 1#4 BOND  
2#10 AWG RW75 Cu.+ 1#12 BOND.

**GRADE LEVEL PULL PIT SPEC:**

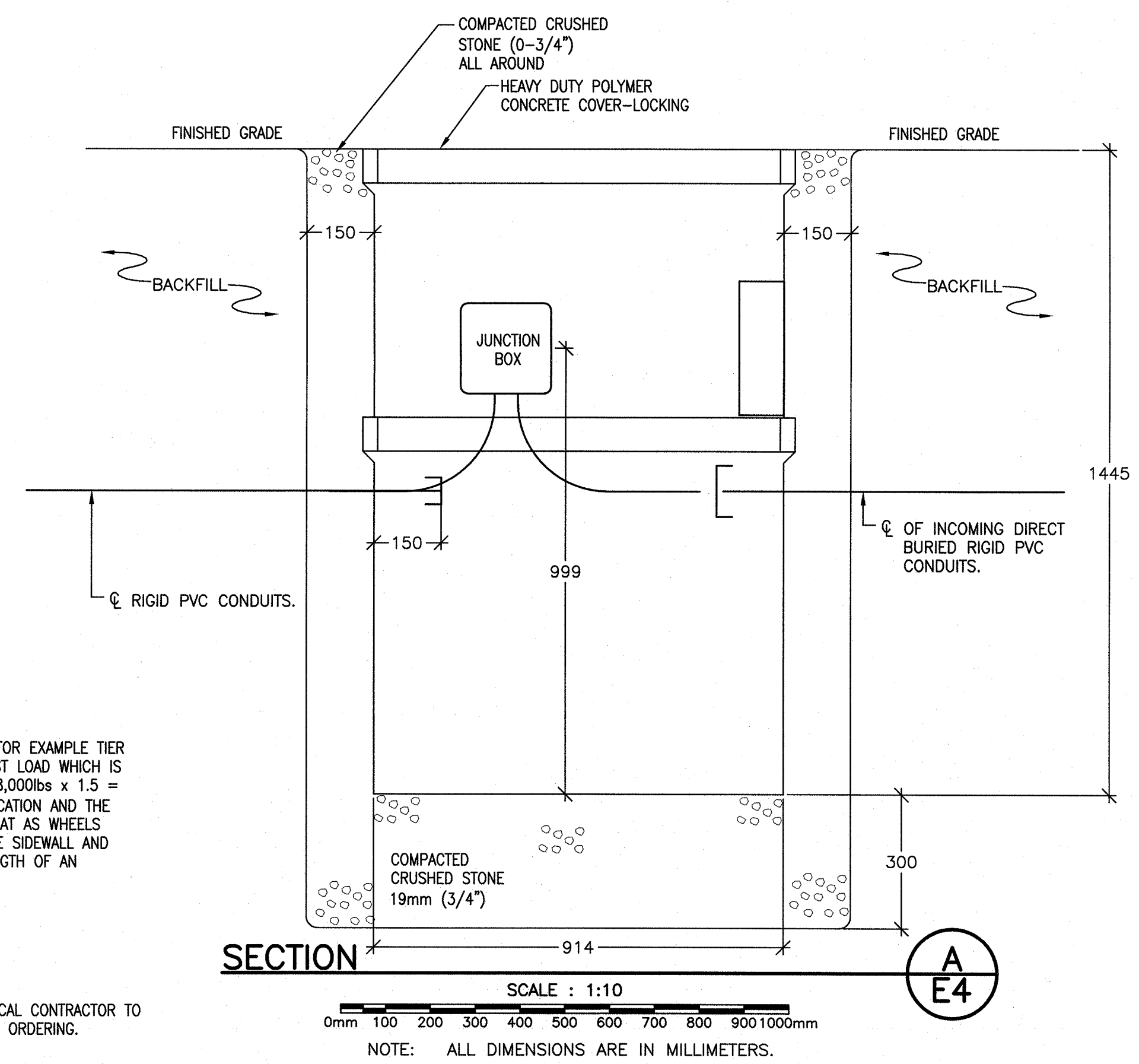
1. PRECAST CONCRETE PULL PIT 981mm W x 1594mm L x 1445mm D.
2. HIGH DENSITY POLYMER CONCRETE.
3. ANSI TIER DESIGNATION - TIER 22 (SEE ANSI TIER DEFINITION BELOW)
4. COMPRESSION STRENGTH 20,000 P.S.I. TENSILE STRENGTH 2,000 P.S.I.
5. HEAVY DUTY COVER AND STAINLESS STEEL BOLTS.
6. ACCEPTABLE MANUFACTURER: SYNERTECH OR EQUAL.

**ANSI TIER DEFINITION - TIER 22:**

THE ANSI TIER DESIGNATIONS RELATE TO THE NORMAL DESIGN LOAD TIMES 1,000LBS. FOR EXAMPLE TIER 8 = 8 x 1,000LBS = 8,000lbs. ALL ANSI TIER LOADINGS HAVE A CORRESPONDING TEST LOAD WHICH IS 50% GREATER THAN THE DESIGN LOAD. FOR EXAMPLE THE TEST LOAD FOR TIER 8 = 8,000lbs x 1.5 = 12,000lbs. THE ANSI/SC77-2007 SPECIFICATION IS A PERFORMANCE BASED SPECIFICATION AND THE KEY REQUIREMENT IS THE THREE-POSITION STRUCTURAL TESTING. IT IS RECOGNIZED THAT AS WHEELS ROLL OVER AN ENCLOSURE, LOADS ARE IMPARTED Laterally AND VERTICALLY INTO THE SIDEWALL AND VERTICALLY ONTO THE COVER. THIS TEST IS THE BEST WAY TO SHOW THE TRUE STRENGTH OF AN ENCLOSURE.

**NOTES FOR TWO - TIER GRADE LEVEL PULL PIT:**

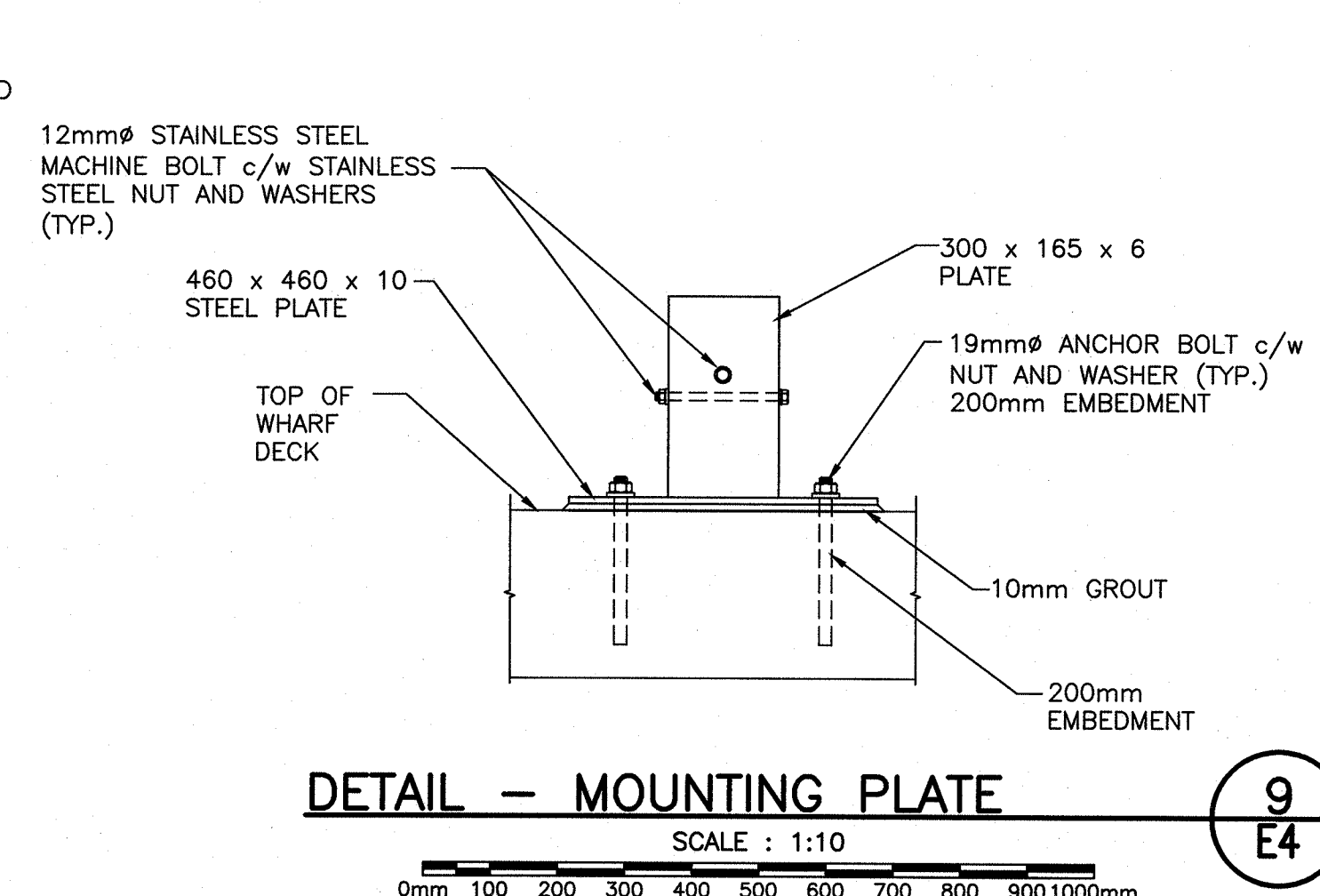
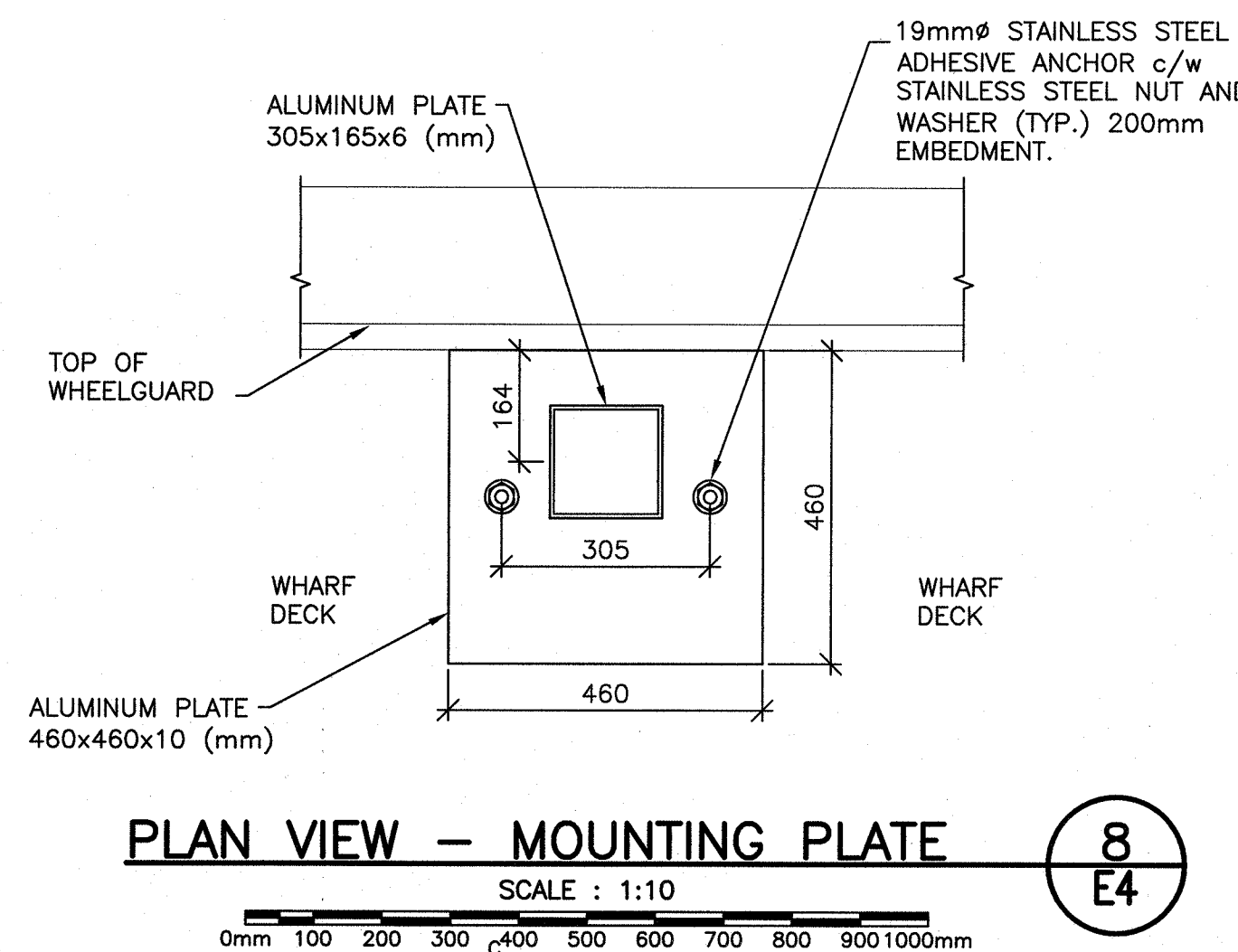
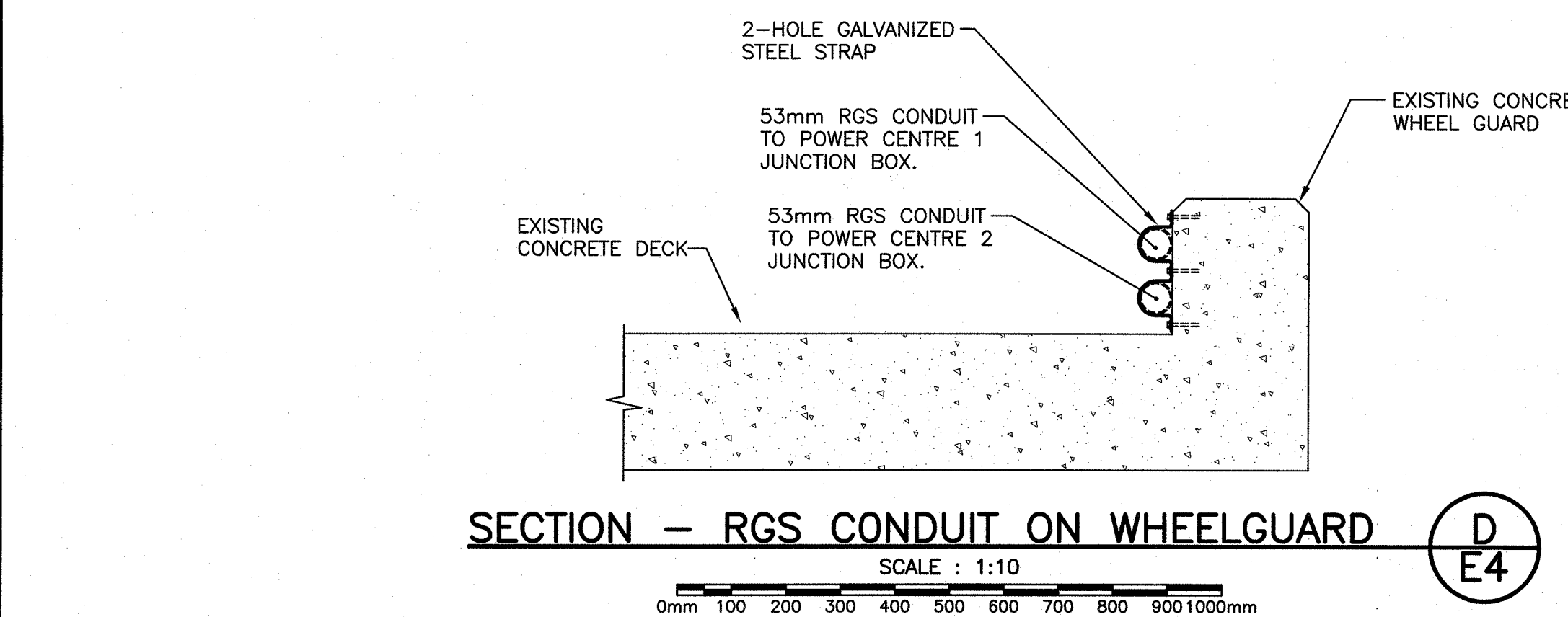
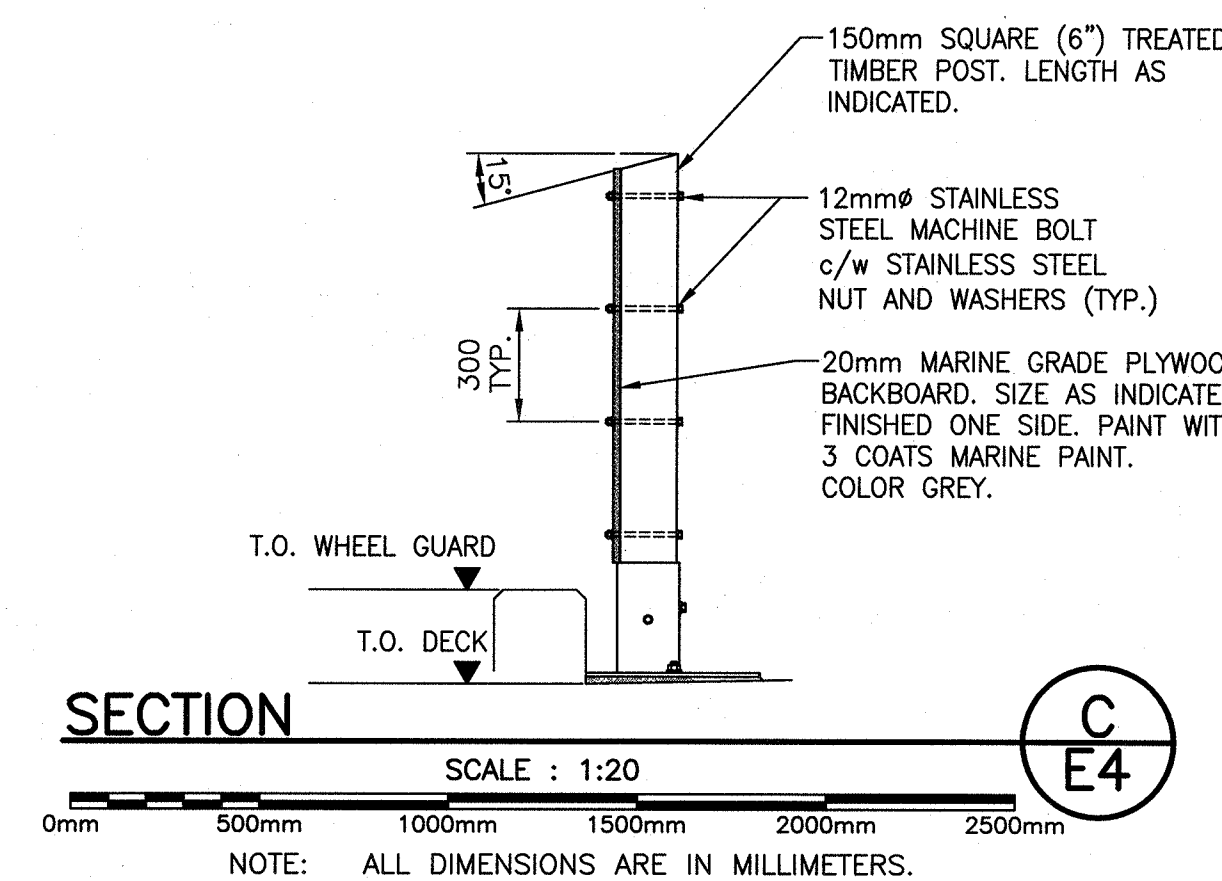
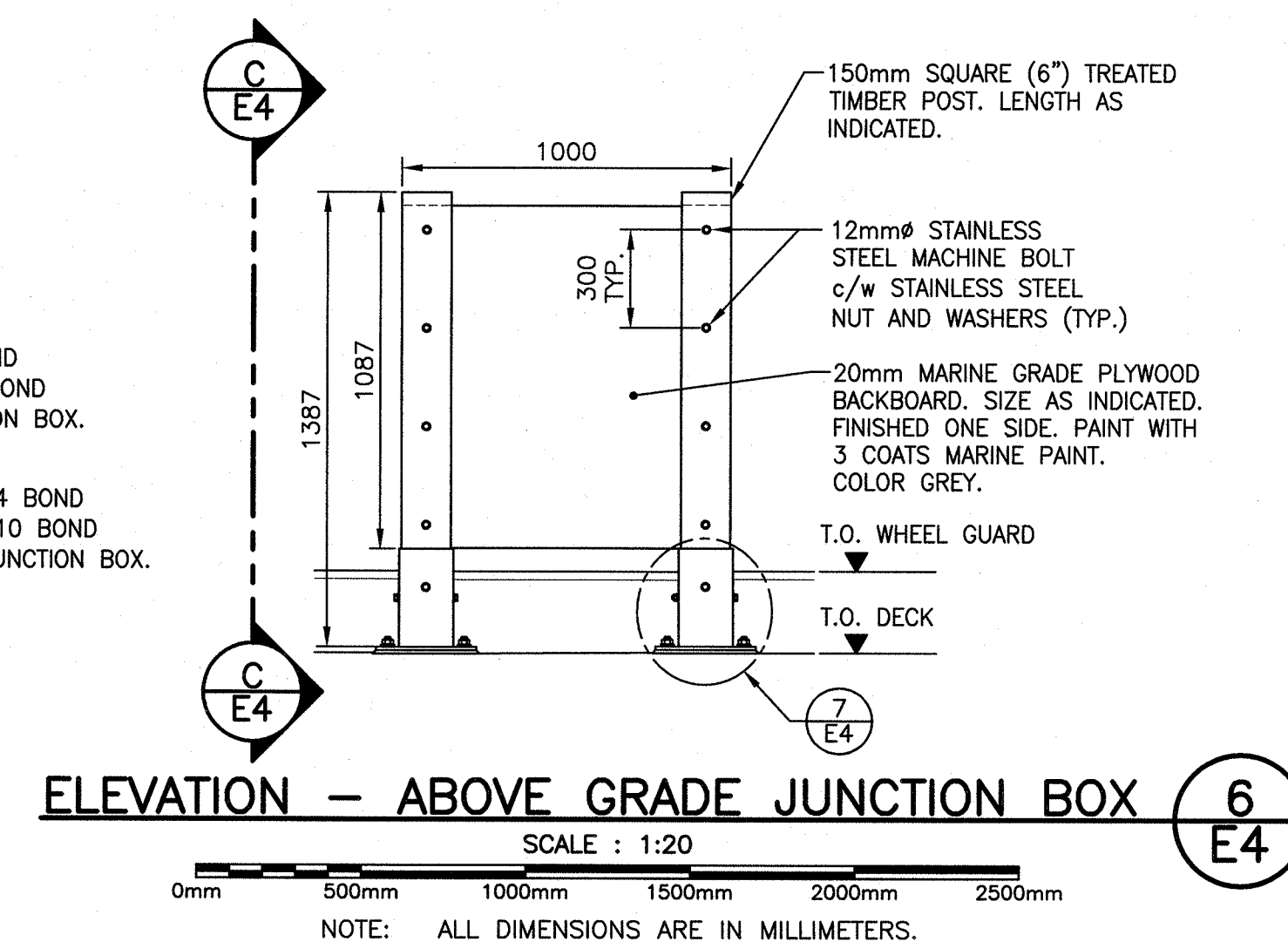
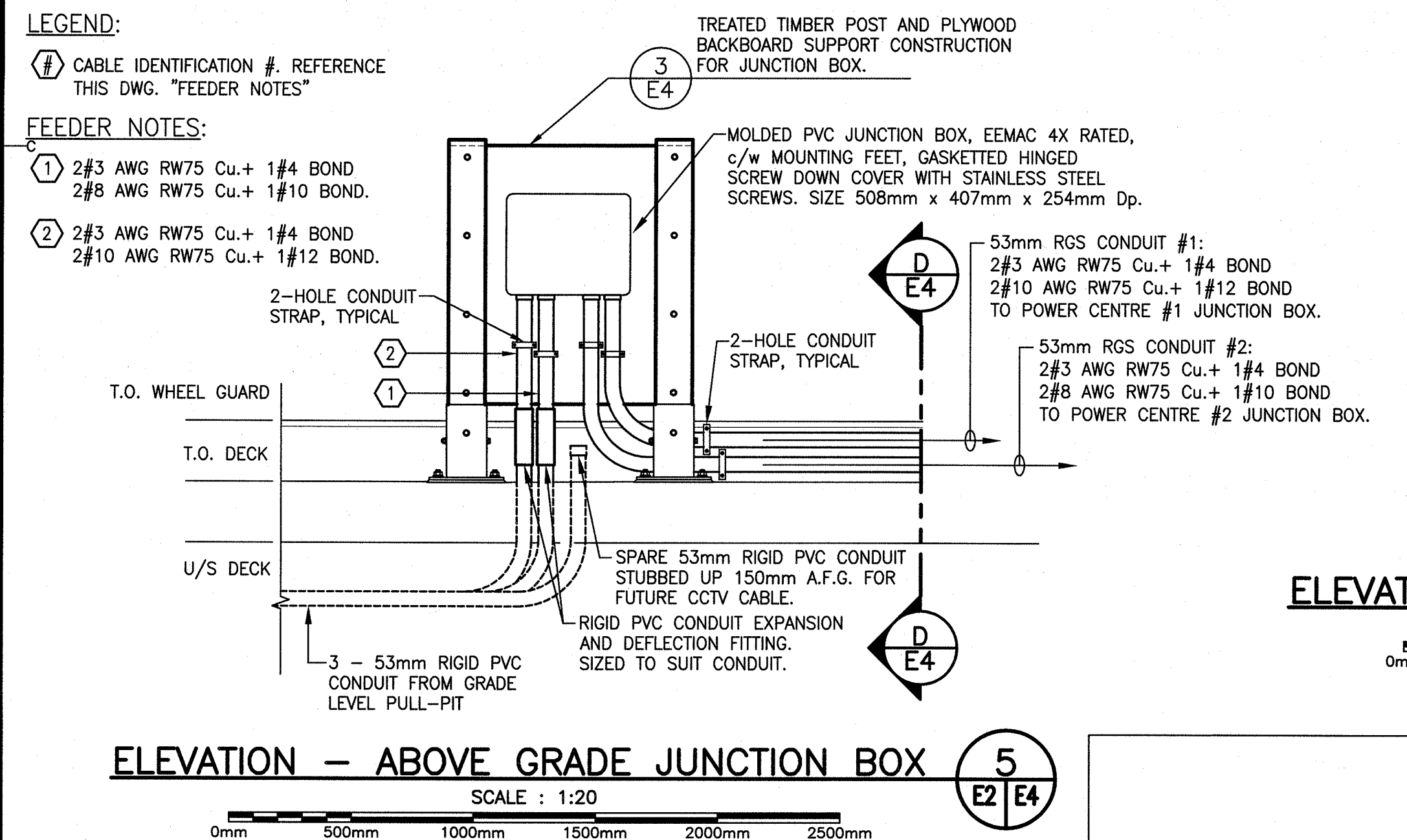
1. ALL DIMENSIONS ARE IN MILLIMETERS
2. PULL PIT TO CONSIST OF TWO (2) BOX SECTIONS AND ONE (1) COVER. ELECTRICAL CONTRACTOR TO CONFIRM THE REQUIRED SECTIONS AND COVER AND THEIR DIMENSIONS PRIOR TO ORDERING.



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0	ISSUED FOR TENDER	OCT. 2016
revisions		date

project project  
**WHARF RECONSTRUCTION**

**ARISAIG HARBOUR  
ANTIGONISH COUNTY, NS**

**ELECTRICAL  
GRADE LEVEL PULL-PIT  
AND ABOVE GRADE  
JUNCTION BOX DETAILS**

designed G. BOWSER conçu  
date OCTOBER 2016  
drawn K. WOLFE dessiné  
date OCTOBER 2016  
approved [Signature] approuvé  
date 2016-10  
Tender Soumission  
PWGSC Project Manager Administrateur de projets TPSGC  
project number no. du projet  
**R.076164.001**  
drawing no. no. du dessin  
**E4**