

THE REGIONAL MUNICIPALITY OF DURHAM
WORKS DEPARTMENT
SCUGOG DEPOT
TOWNSHIP OF SCUGOG
NEW WASH BAY ADDITION
CONTRACT NO: T-1017-2018



1 SITE KEY PLAN
A0

DRAWING INDEX:

ARCHITECTURAL:

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- A2-PLAN, ELEVATION OVERVIEW
- A3-FLOOR PLAN AND NOTES
- A4-ADDITION ELEVATIONS
- A5-ROOF PLAN AND DETAILS
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- S2 - NOTES & DETAILS
- S3 - CONCRETE DETAILS
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- E1-SPECIFICATION AND LEGEND
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- E3-LIGHTING, POWER AND SYSTEMS



2 DRAWING INDEX
A0

4		
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NO.	REVISION	DATE

NOTE:
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TABCON CONSULTING INC
494 McNicoll Avenue, Suite # 201
Toronto, Ontario, M2H 2E1
Tel. : (647) 974-7006
Fax : +1 (888) 327-8107
Web Site : www.tabcon.com

CANADIAN BUILDING DESIGN
Architectural Technologists
Registered Designers
T: 416-791-6283

This undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the 2000 Ontario Building Code, OBC, Part 1, Section 2.2.2.1(1) to design the work shown on the attached documents.

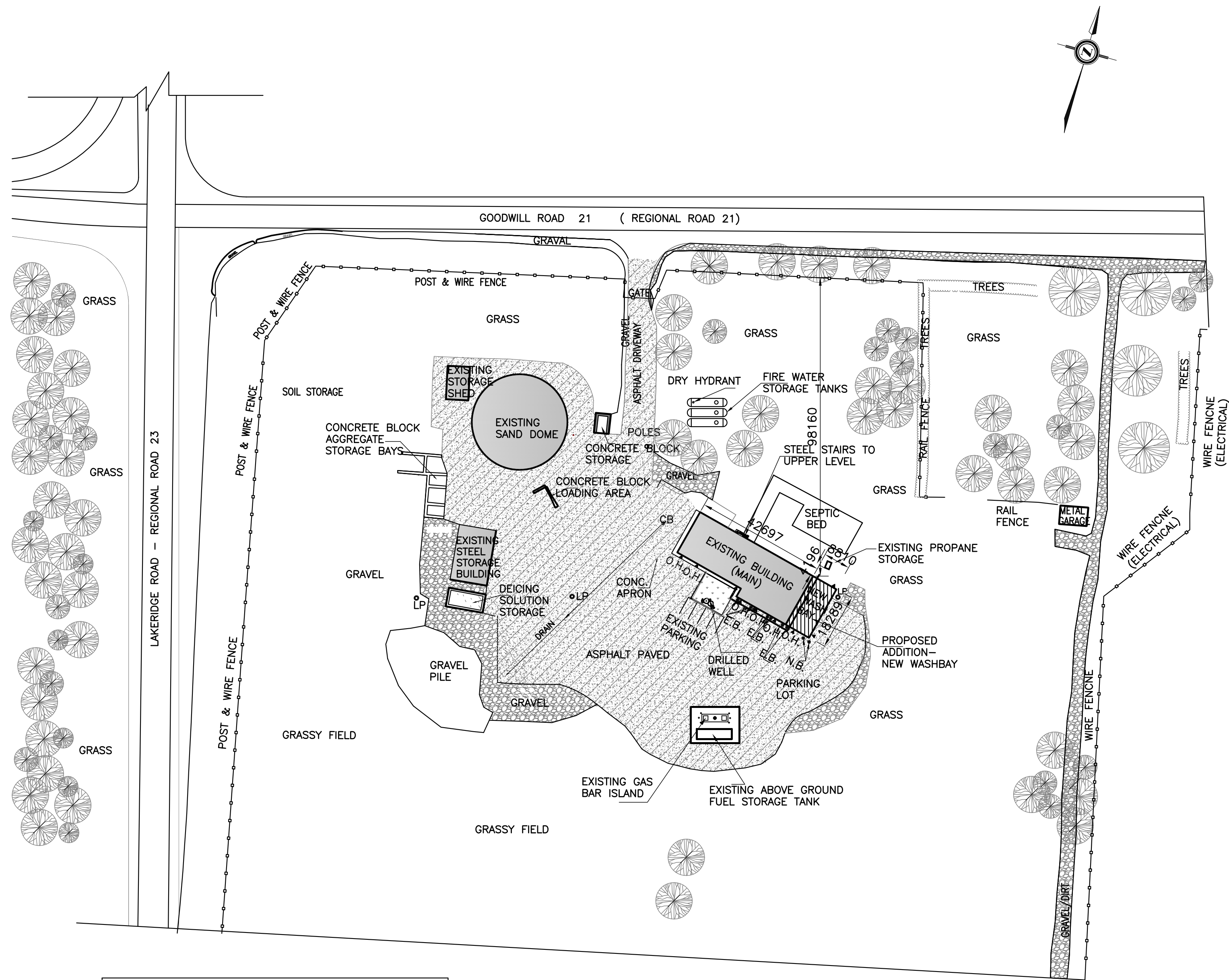
Sharon Cressor
QUALIFICATION INFORMATION
BCIN #22773
REGISTRATION INFORMATION
Canadian Building Design BCIN #40251

Project Name :
SCUGOG DEPOT WASH BAY
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
NEW WASH BAY ADDITION

SITE KEY PLAN, INDEX

Design:	A.T.
DRAWN:	R.A.
Approv.:	A.T.
Scale:	As Shown
Date:	OCT.04, 2018

Project No. T-1017-2018	Dwg.No. A0 OF
Job No.	



LEGEND

- LP EXISTING LIGHT POLE
- CB EXISTING CATCH BASIN
- E.B EXISTING BOLLARDS
- N.B. NEW BOLLARDS
- ▲ ENTRANCE/EXIST OVERHEAD DOOR/ENTRANCE
- △ O.H. EXISTING FENCES
- ▨ PROPOSED ADDITION
- ▩ EXISTING GRAVAL
- ▩ EXISTING ASPHALT

Item	ONTARIO BUILDING CODE DATA MATRIX				OBC REFERENCE					
					References are to Division B unless noted (A) for Division A or (C) for Division C.					
	1	Project Description: Scugog Works Depot ☐ New ☒ Addition ☐ Alteration ☐ Change of Use	☐ Part 11 11.1 to 11.4	☒ Part 3 1.1.2 (A)	☐ Part 9 1.1.2(A) & 9.10.1.3.					
2	Major Occupancy(s) Group 'F2' – MEDIUM HAZARD INDUSTRIAL		3.1.2.1.(1)	9.10.2.						
3	Building Area (m2) Existing <u>711.2</u> New <u>161.1</u> Total <u>872.3</u>		1.4.1.2.(A)	1.4.1.2.(A)						
4	Gross Area (m2) Existing <u>711.2</u> New <u>161.1</u> Total <u>872.3</u>		1.4.1.2.(A)	1.4.1.2.(A)						
5	Number of Storeys Above grade <u>1</u> Below Grade <u>0</u>		1.4.1.2.(A) & 3.2.1.1.	1.4.1.2.(A) & 9.10.4.						
6	Number of Streets/Fire Fighter Access <u>1</u>		3.2.2.10. & 3.2.5.	9.10.20.						
7	Building Classification <u>3.2.2.7.1</u>		3.2.2.20.–.83	9.10.2.						
8	Sprinkler System Proposed ☐ Entire Building ☐ Selected Compartments ☐ Selected Floor Areas ☐ Basement ☐ in lieu of roof rating ☒ Not required	☐ Entire Building ☐ Selected Compartments ☐ Selected Floor Areas ☐ Basement ☐ in lieu of roof rating ☒ Not required	3.2.2.20.–.83 3.2.1.5. 3.2.2.17. INDEX	9.10.8.2. INDEX						
9	Standpipe required ☐ Yes ☒ No		3.2.9.	N/A						
10	Fire Alarm required ☐ Yes ☒ No		3.2.4.	9.10.18.						
11	Water Service/Supply is Adequate ☒ Yes ☐ No		3.2.5.7.	N/A						
12	High Building ☐ Yes ☒ No		3.2.6.	N/A						
13	Construction Restrictions ☐ Combustible permitted Actual Construction ☐ Combustible ☒ Non–Combustible ☐ Both	☒ Non–Combustible required ☐ Both	3.2.2.20.–.83	9.10.6.						
14	Mezzanine(s) Area m2 <u>N/A</u>		3.2.1.1.(3)–(8)	9.10.4.1.						
15	Occupant load based on ☐ m2/person ☒ design of building 1st Floor (ADDITION ONLY)Occupancy <u>F3</u> Load <u>1</u> persons		3.1.17.	9.9.1.3.						
16	Barrier–free Design ☐ Yes ☒ No (Explain) <u>SERVICE SPACE</u>		3.8.	9.5.2.						
17	Hazardous Substances ☐ Yes ☒ No		3.3.1.2. & 3.3.1.19.	9.10.1.3.(4)						
18	Required Fire Resistance Rating (FRR)	Horizontal Assemblies FRR (Hours)	Listed Design No. or Description (SG–2)	3.2.2.20.–.83 & 3.2.1.4.	9.10.8. 9.10.9.					
		Floors <u>N/A</u> Hours								
		Roof <u>0</u> Hours								
		FRR of Supporting Members	Listed Design No. or Description (SG–2)							
		Floors <u>N/A</u> Hours								
		Roof <u>0</u> Hours								
19 Spatial Separation –Construction of Exterior Walls			3.2.3.	9.10.14.						
Wall	Area of EBF (m2)	L.D. (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Comb. Constr.	Comb. Nonc. Cladding	Non–Comb. Constr.
North						N/A				
South										
East										
West										
20 Plumbing Fixture Requirements										
								Building Code Reference		
								☐ Part 3	☐ Part 9	
Male/Female Count @ %/ % except as noted otherwise					Occupant Load	BC Table Number	Fixtures Required	Fixtures Provided		
1st Floor: Occupancy										
Occupancy										
21 Other (describe)										



4		
3		
2		
1		
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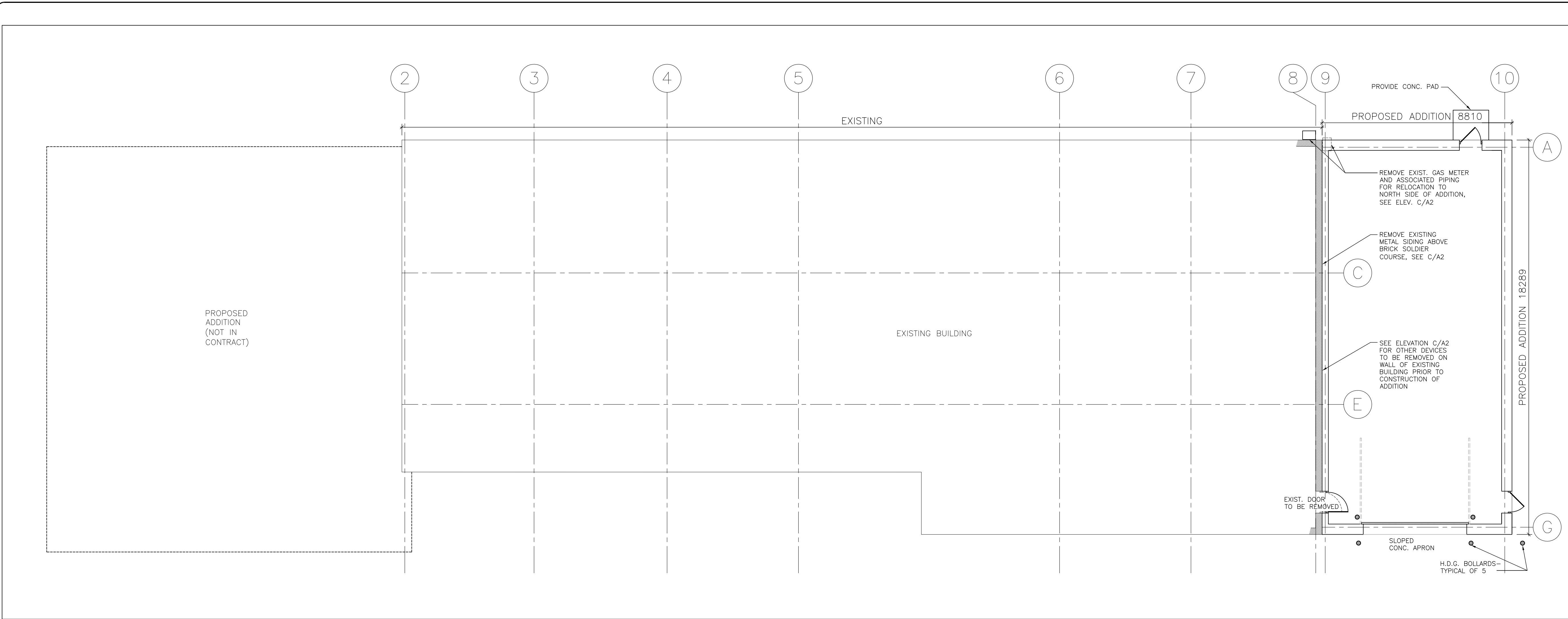
TABCON
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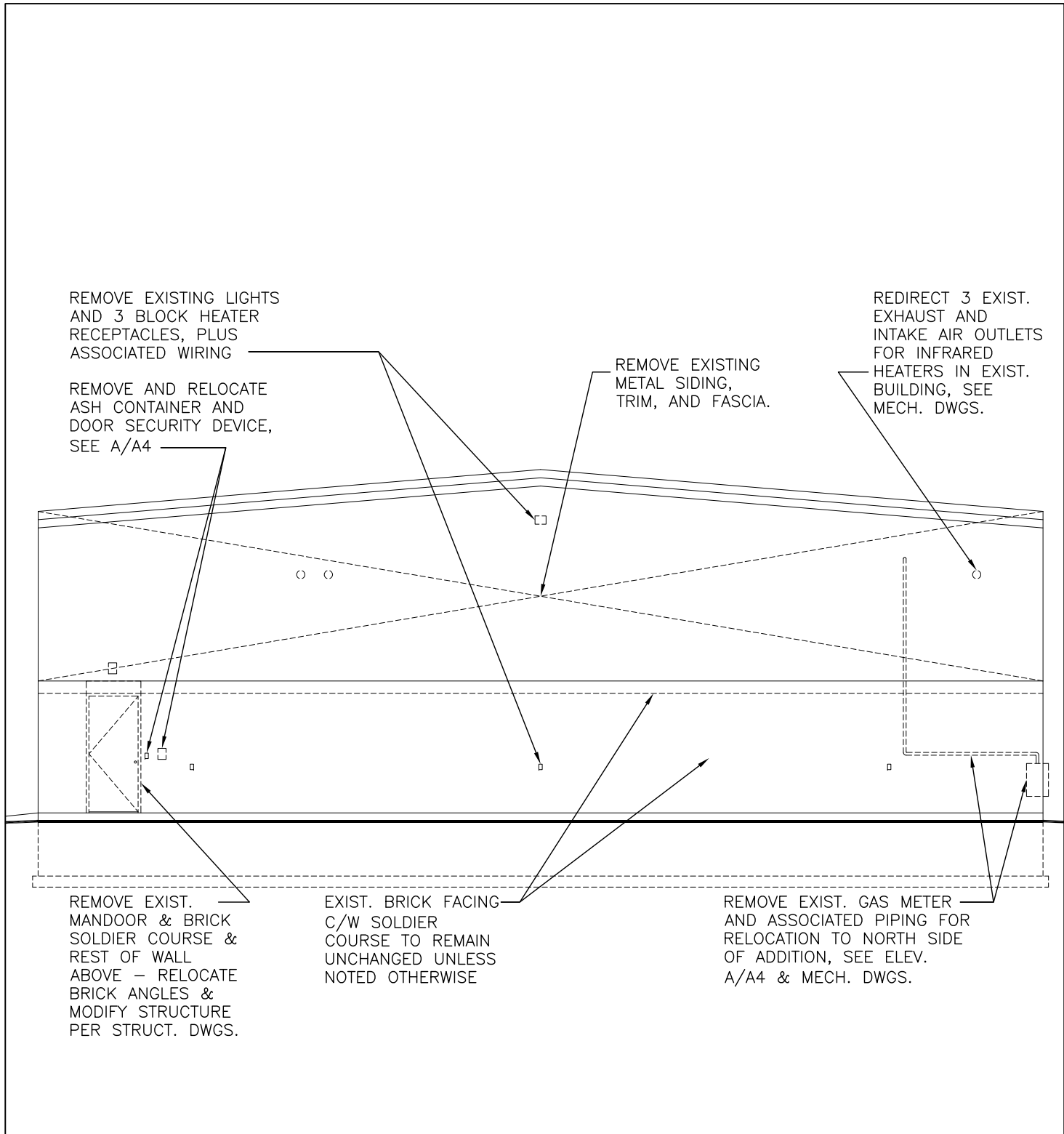
Project Name :
SCUGOG DEPOT WASH BAY
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
NEW WASH BAY ADDITION
Site Plan, OBC Matrix,

Design: S.C.
DRAWN: R.A.
Approv.: A.T.
Scale: As Shown
Date: OCT. 04, 2018

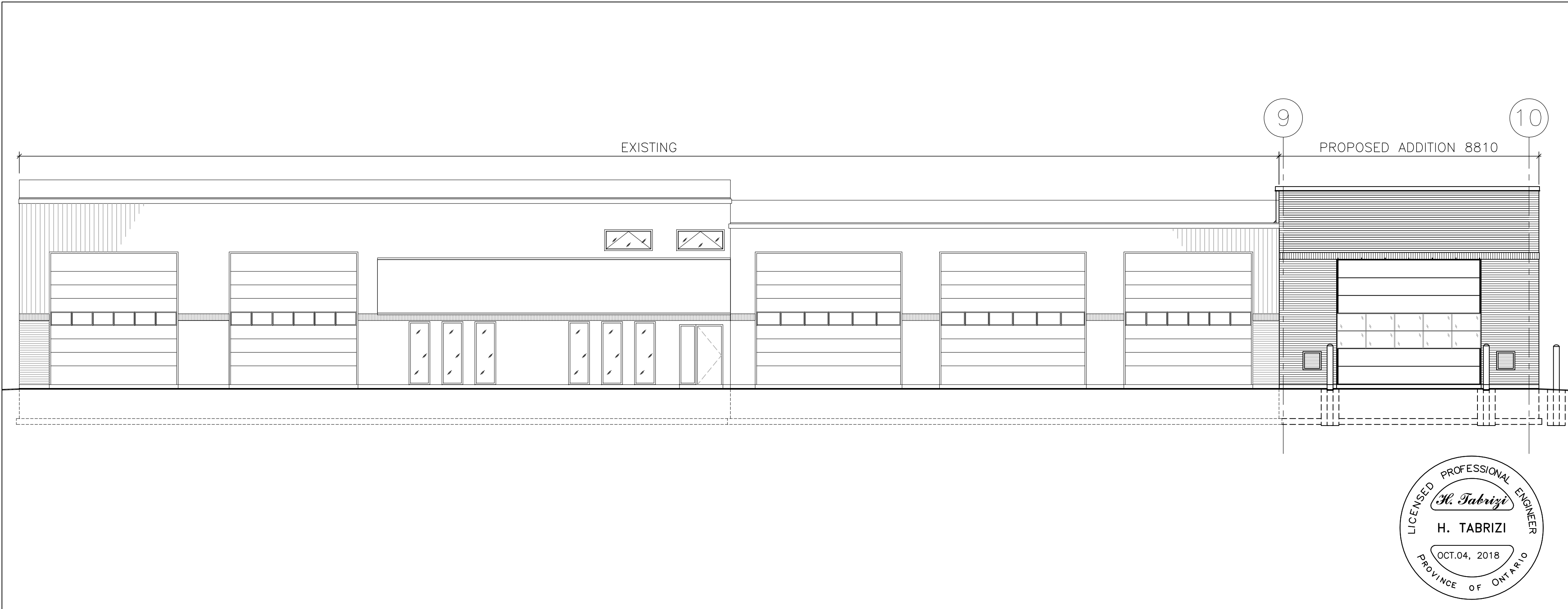
Project No.
T-1017-2018
Job No.
Dwg.No.
A1
OF 8



A
A2
1 : 100
EXIST. FLOOR PLAN W/WASH BAY ADDITION & DEMOLITION NOTES



C
A2
1 : 100
EXIST. EAST ELEVATION W/DEMOLITION NOTES



B
A2
1 : 100
EXIST. SOUTH ELEVATION W/WASH BAY ADDITION

4		
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NO	REVISION	DATE

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SCUGOG DEPOT WASH BAY

Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**

Job Descript. :
NEW WASH BAY ADDITION

PLAN & ELEVATION OVERVIEW

Design: A.T
DRAWN: R.A
Approv.: A.T.
Scale: As Shown
Date: OCT. 04, 2018

Project No.
T-1017-2018
Job No.

Dwg.No.

A2
OF 8

WALL SCHEDULE:

- EW-1

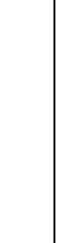
90mm BRICK VENEER
25mm AIR SPACE (MIN.)
75mm RIGID 'SM' INSULATION BOARD (R15)
AIR/VAPOUR BARRIER MEMBRANE
290mm REINFORCED CONCRETE BLOCK (90mm
CONCRETE BLOCK AT PARAPET OF EAST WALL)
- EW-2

EXISTING WALL W/ METAL SIDING & TRIM REMOVED
IN TOP SECTION
290mm CONCRETE BLOCK
- EW-3

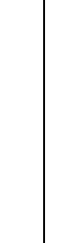
STEEL SIDING
25mm AIR SPACE (MIN.)
75mm RIGID 'SM' INSULATION BOARD (R15)
AIR/VAPOUR BARRIER MEMBRANE
90mm CONCRETE BLOCK, CORES FILLED SOLID

NO.	SIZE	DOOR					FRAME		HARDWARE							REMARKS
		TYPE	HOLLOW CORE STEEL DOOR	INSULATED CORE STEEL DOOR	8mm PLATE GLASS	PAINTED	STEEL	PAINTED	LOCKSET	PASSAGE SET	PRIVACY SET	CLOSER	FLOOR MTD. DOOR STOP	WEATHERSTRIPPING	THRESHOLD	
101	915 x 2130	B	●			●		●	●		●					DISCONNECT AND REMOVE KEYPAD AND ASSOCIATED SECURITY HARDWARE
102	915 x 2130	B		●	●	●	●	●			●		●	●	●	PROVIDE KEYPAD ACCESS AND ASSOCIATED SECURITY HARDWARE
103	915 x 2130	B		●	●	●	●	●			●		●	●	●	PROVIDE KEYPAD ACCESS AND ASSOCIATED SECURITY HARDWARE
104																
105																
106																

DOOR TYPES



TYPE A



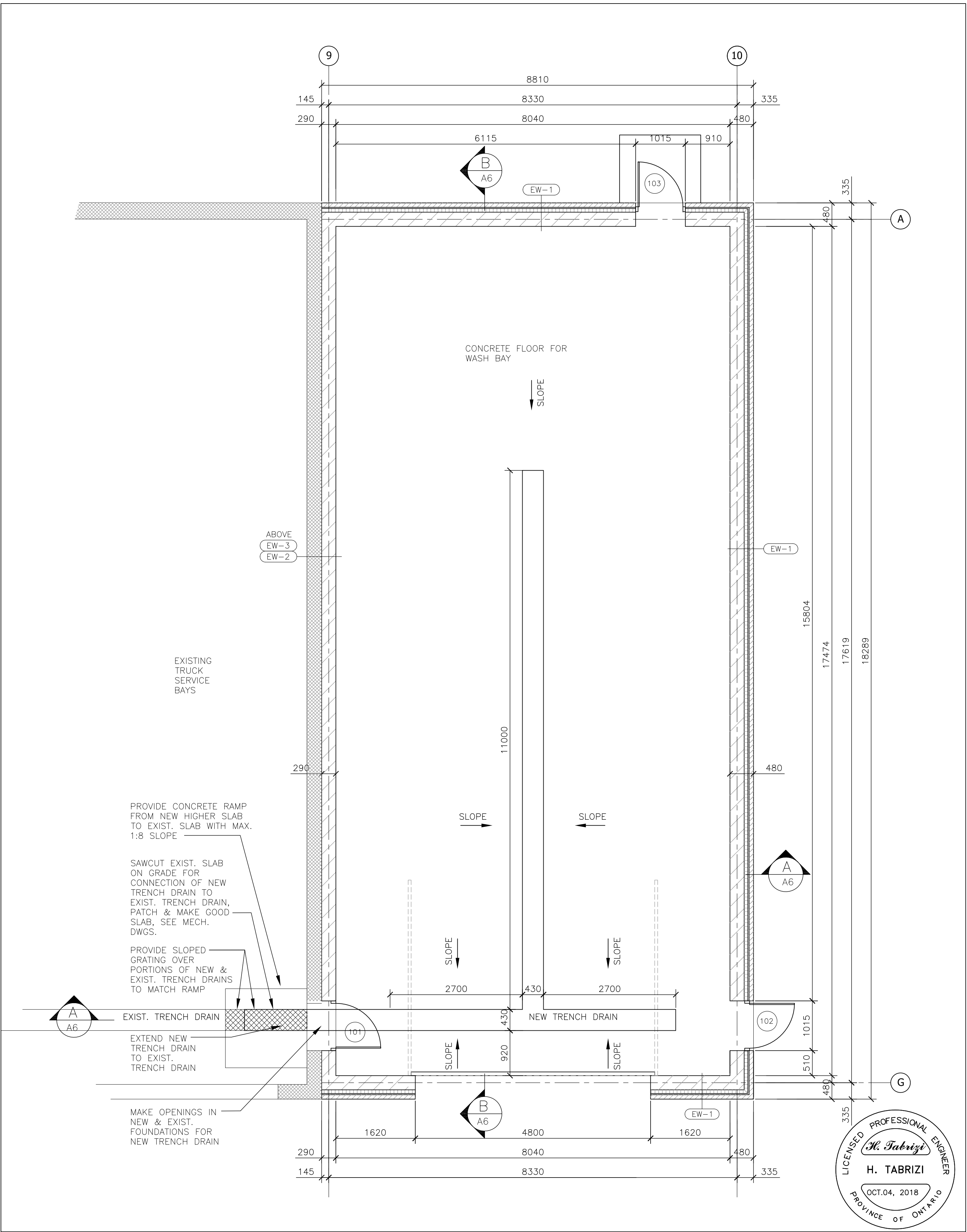
TYPE B

1

DOOR SCHEDULE

A3

N.T.S.



A

FLOOR PLAN — WASH BAY ADDITION

A3

1 : 50

4		
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NO	REVISION	DATE

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Project Name :
SCUGOG DEPOT WASH BAY

Project Address :
REGIONAL RD. 21 & 23
PORT PERRY, ON

Job Descript. :
NEW WASH BAY ADDITION

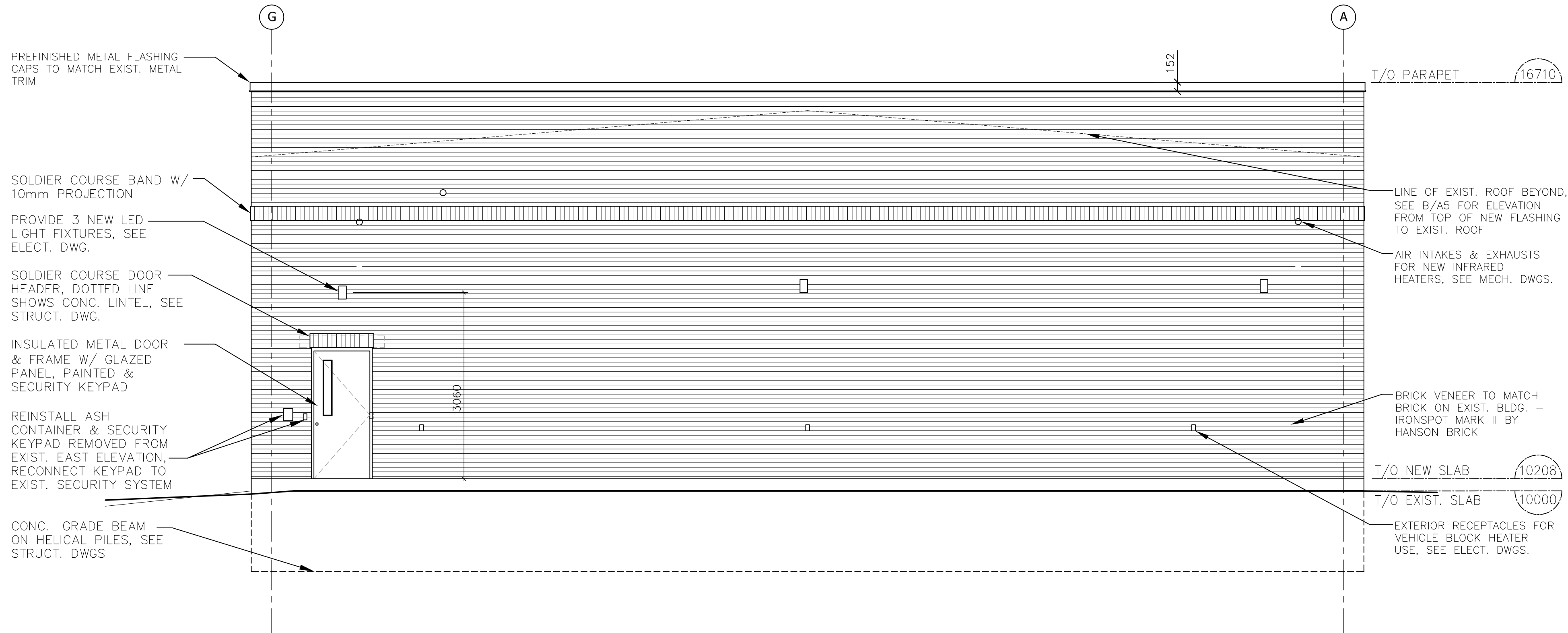
FLOOR PLAN & NOTES

Design:	S.C.
DRAWN:	S.C.
Approv.:	A.T.
Scale:	As Shown
Date:	OCT.04, 2018

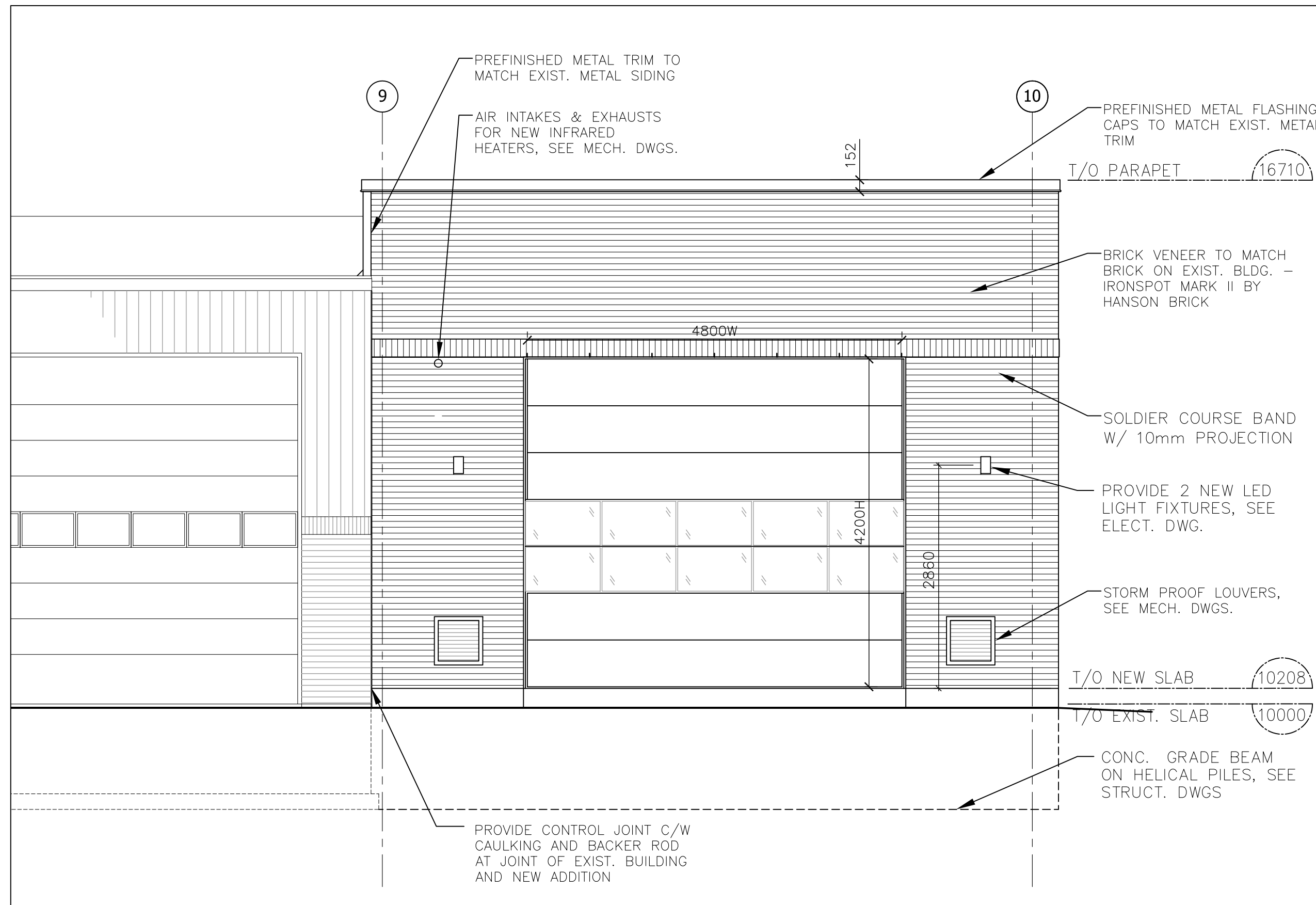
Project No.
T-1017-2018

Job No.

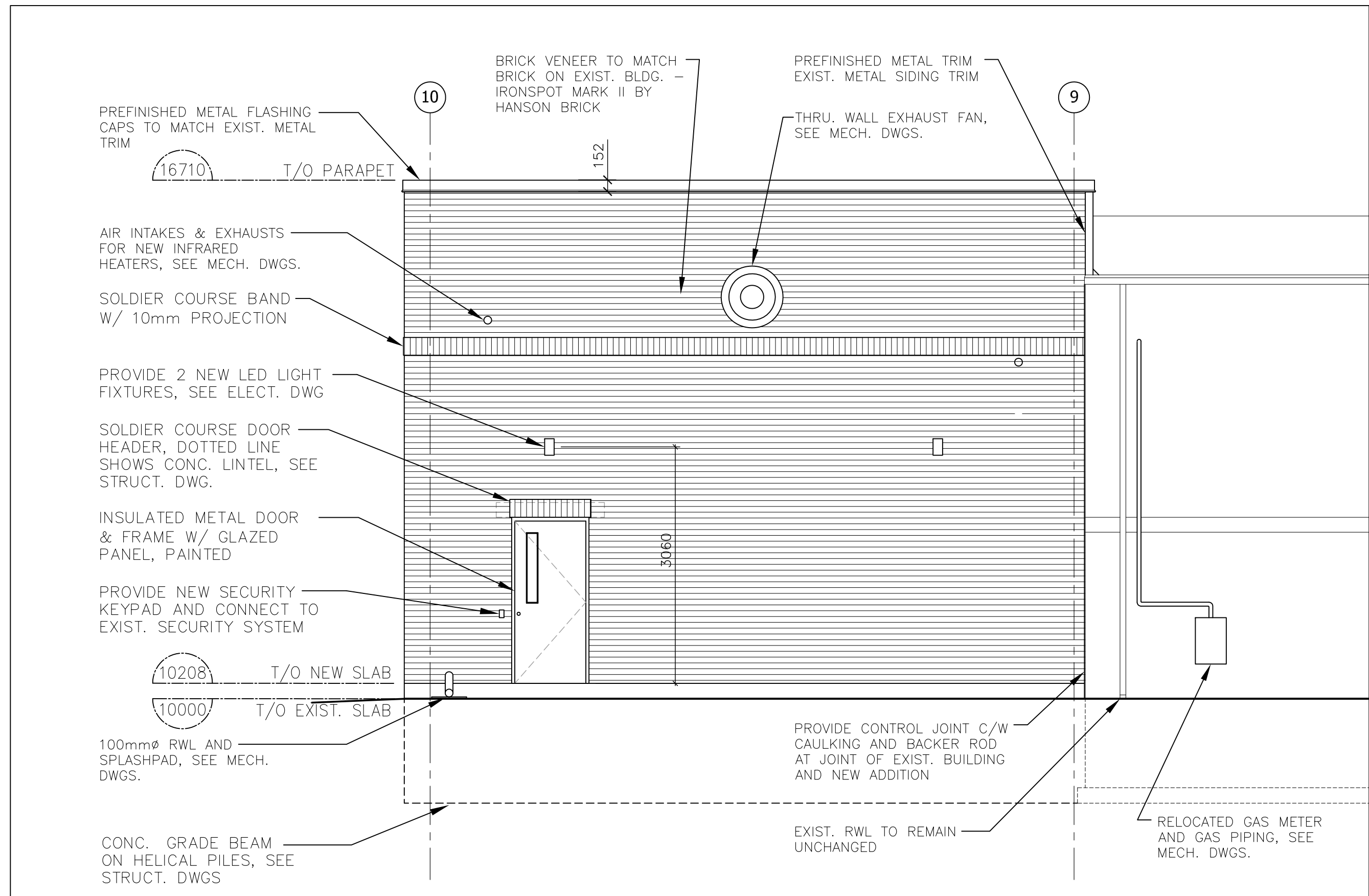
Dwg.No.
A3
OF 8



A EAST ELEVATION - WASH BAY ADDITION
A4 1 : 50



C SOUTH ELEVATION - WASH BAY ADDITION
A4 1 : 50



B NORTH ELEVATION - WASH BAY ADDITION
A4 1 : 50

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NO	REVISION	DATE

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SCUGOG DEPOT WASH BAY
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
NEW WASH BAY ADDITION

ADDITION ELEVATIONS

Design:	S.C.
DRAWN:	S.C.
Apprv.:	A.T.
Scale:	As Shown
Date:	OCT. 04, 2018

Project No.
T-1017-2018
Job No.

Dwg.No.

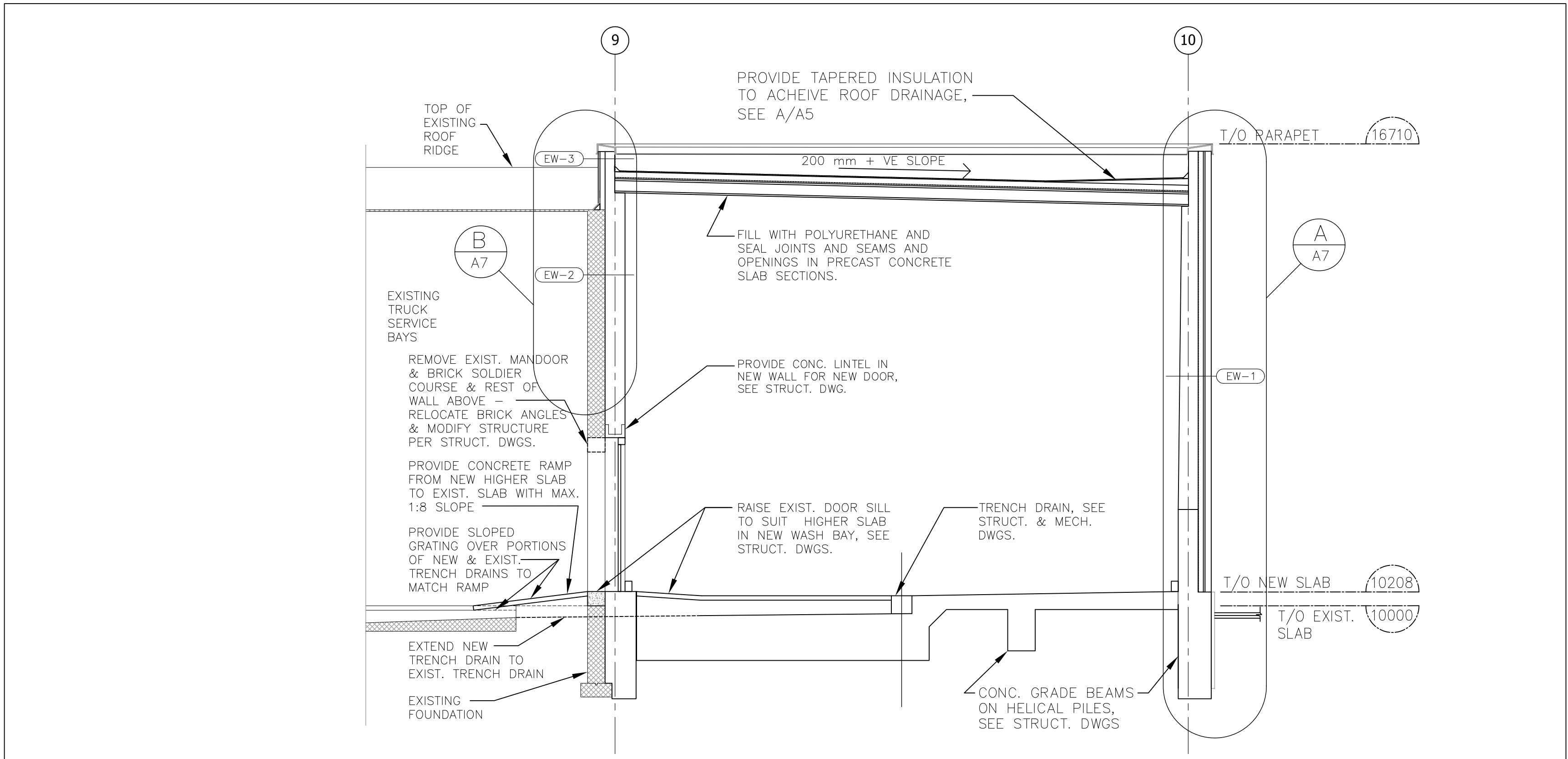
A4
OF 8



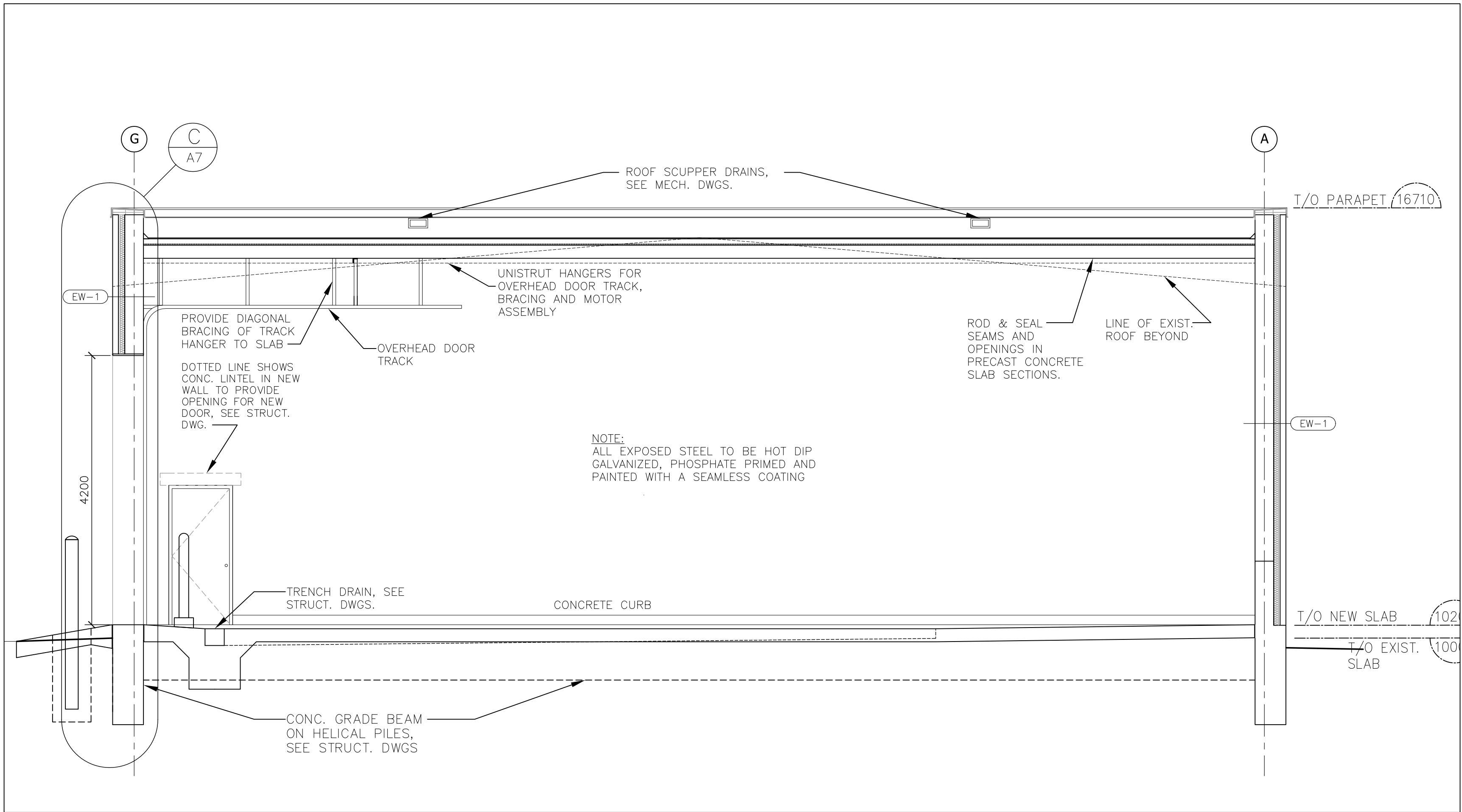
Project No.
T-1017-2018

Job No.

45
OF 8



SECTION A - WASH BAY ADDITION
1 : 50



SECTION B - WASH BAY ADDITION
1 : 50

4		
3		
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**REGIONAL RD. 21 & 23
PORT PERRY, ON**
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NEW WASH BAY ADDITION

SECTIONS & DETAILS

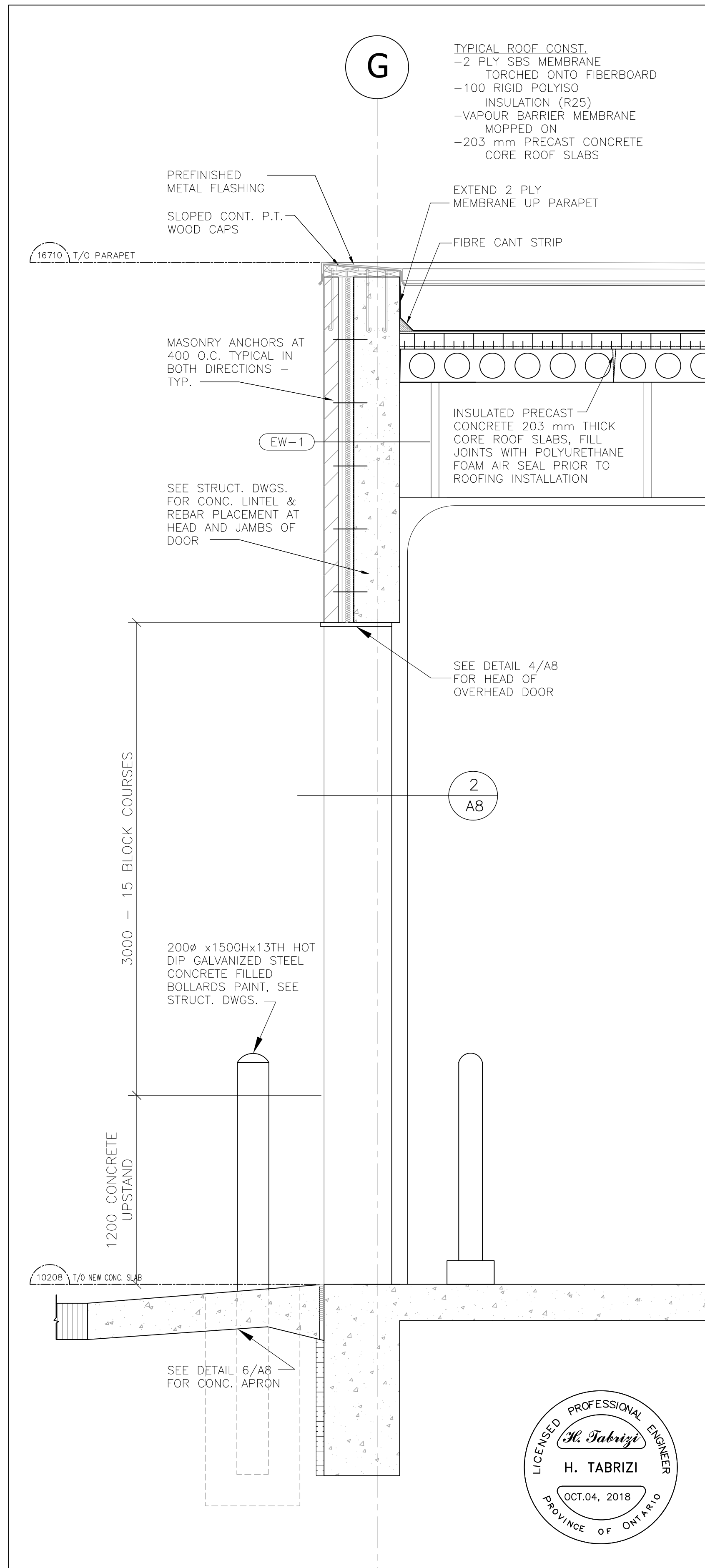
Design:	S.C.
DRAWN:	S.C.
Approv.:	A.T.
Scale:	As Shown
Date:	OCT. 04, 2018

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Job No.

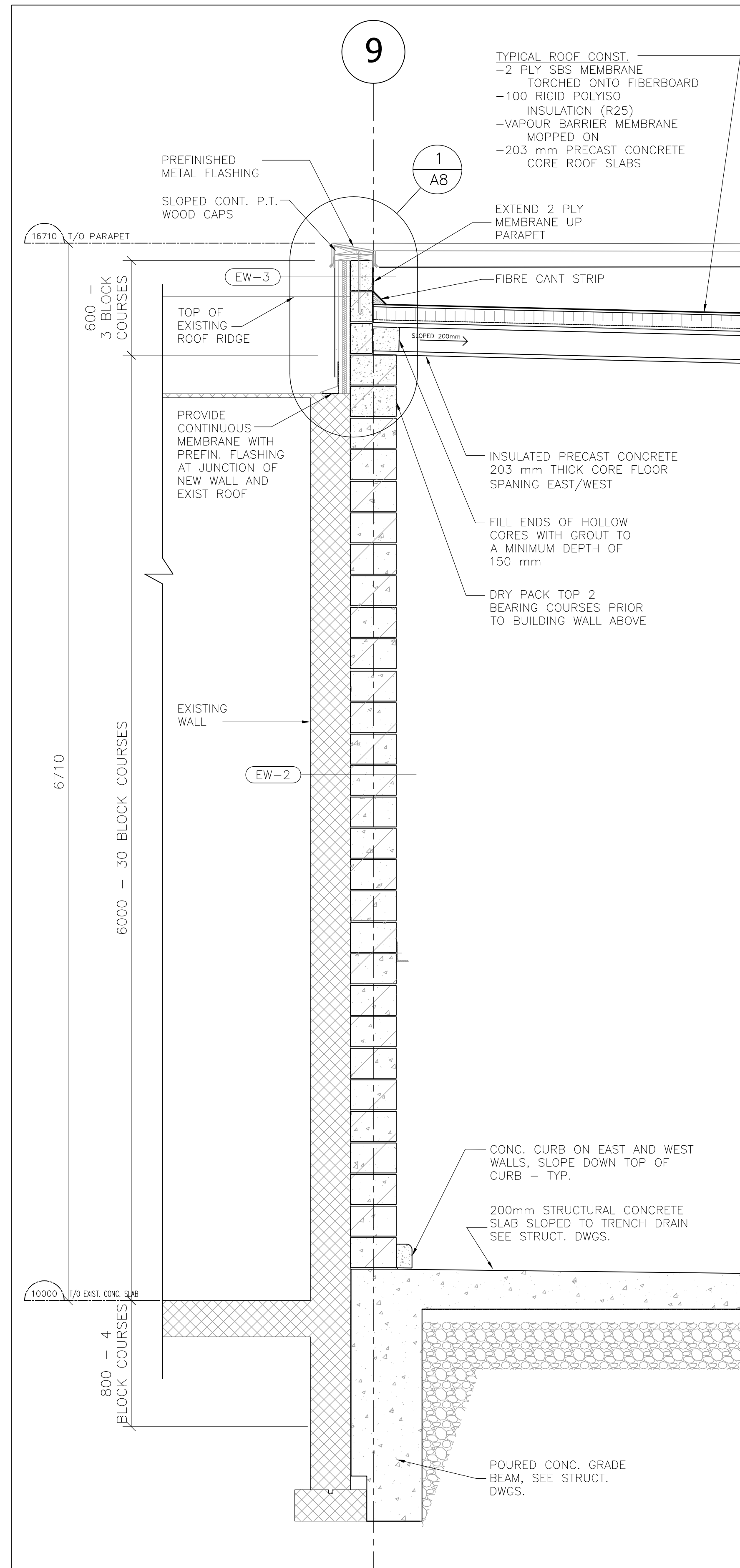
Dwg.No.

A6
OF 8

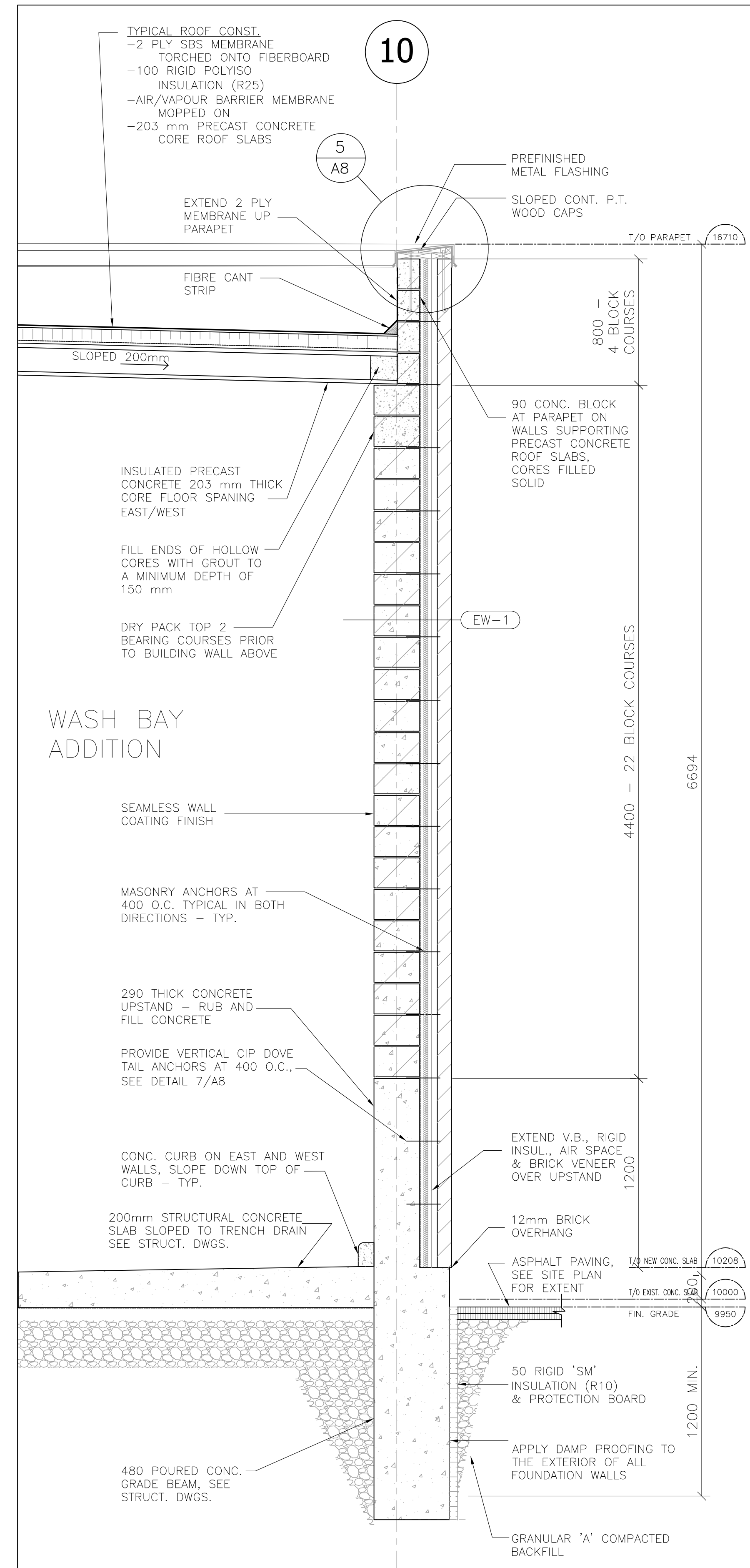




C WALL SECTION AT GRID G
 1 : 50



B WALL SECTION AT GRID 9
 1 : 20



A WALL SECTION AT GRID 10
 1 : 20

4		
3		
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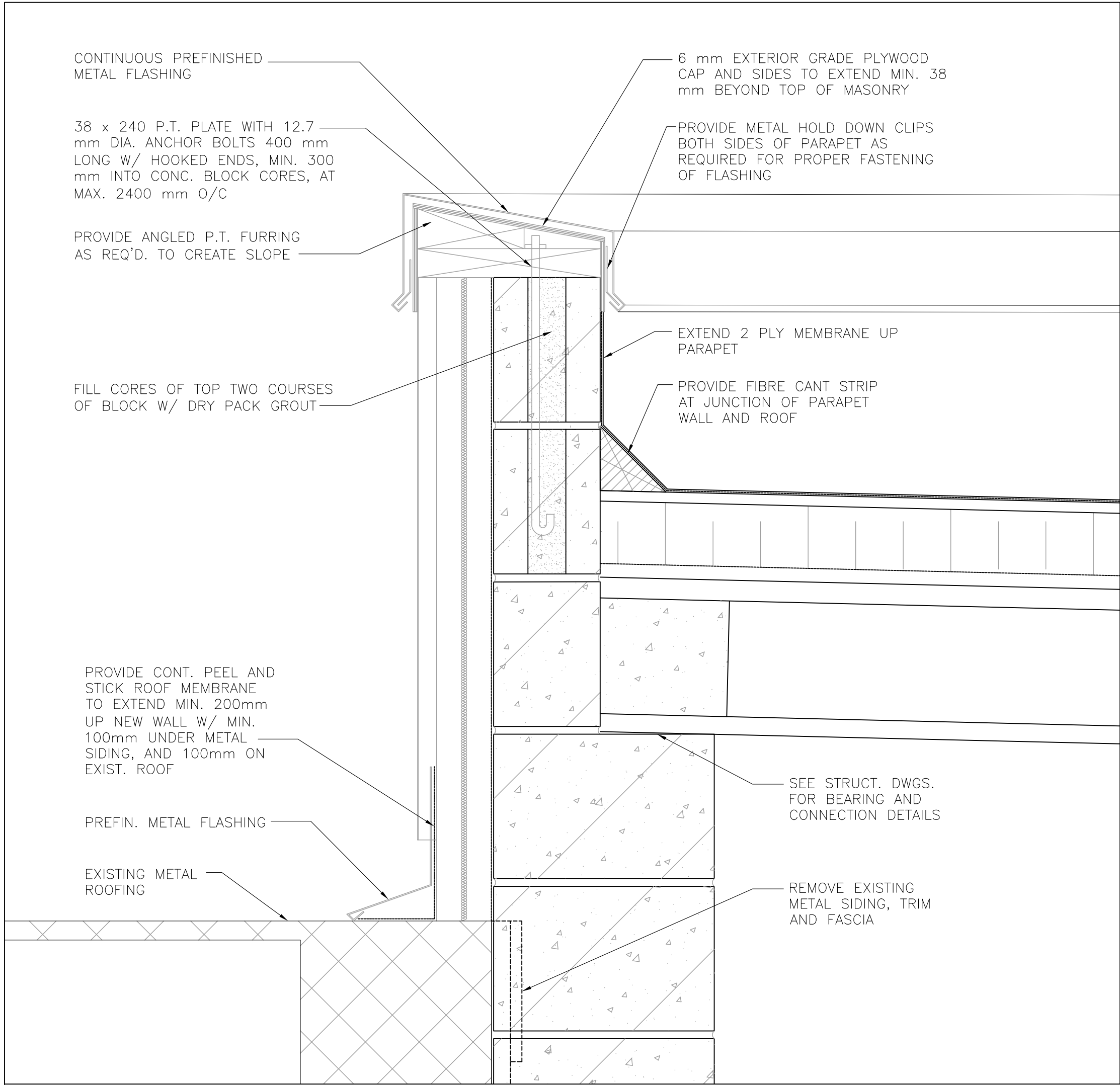
Project Name :
SCUGOG DEPOT WASH BAY
 Project Address :
REGIONAL RD. 21 & 23
PORT PERRY, ON
 Job Descript. :
NEW WASH BAY ADDITION

WALL SECTIONS

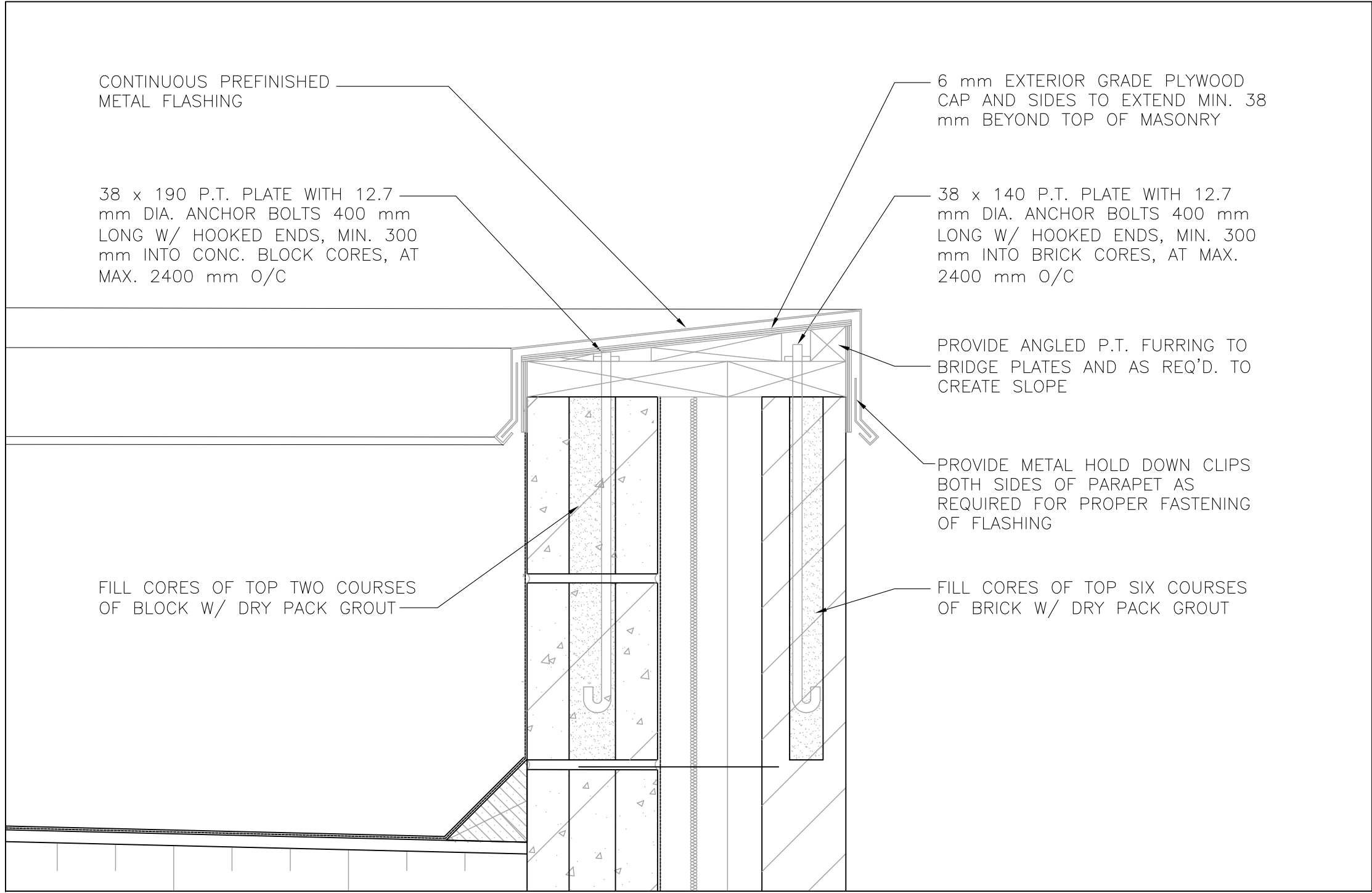
Design: S.C.
 DRAWN: S.C.
 Approv.: A.T.
 Scale: 1 : 20
 Date: OCT.04, 2018

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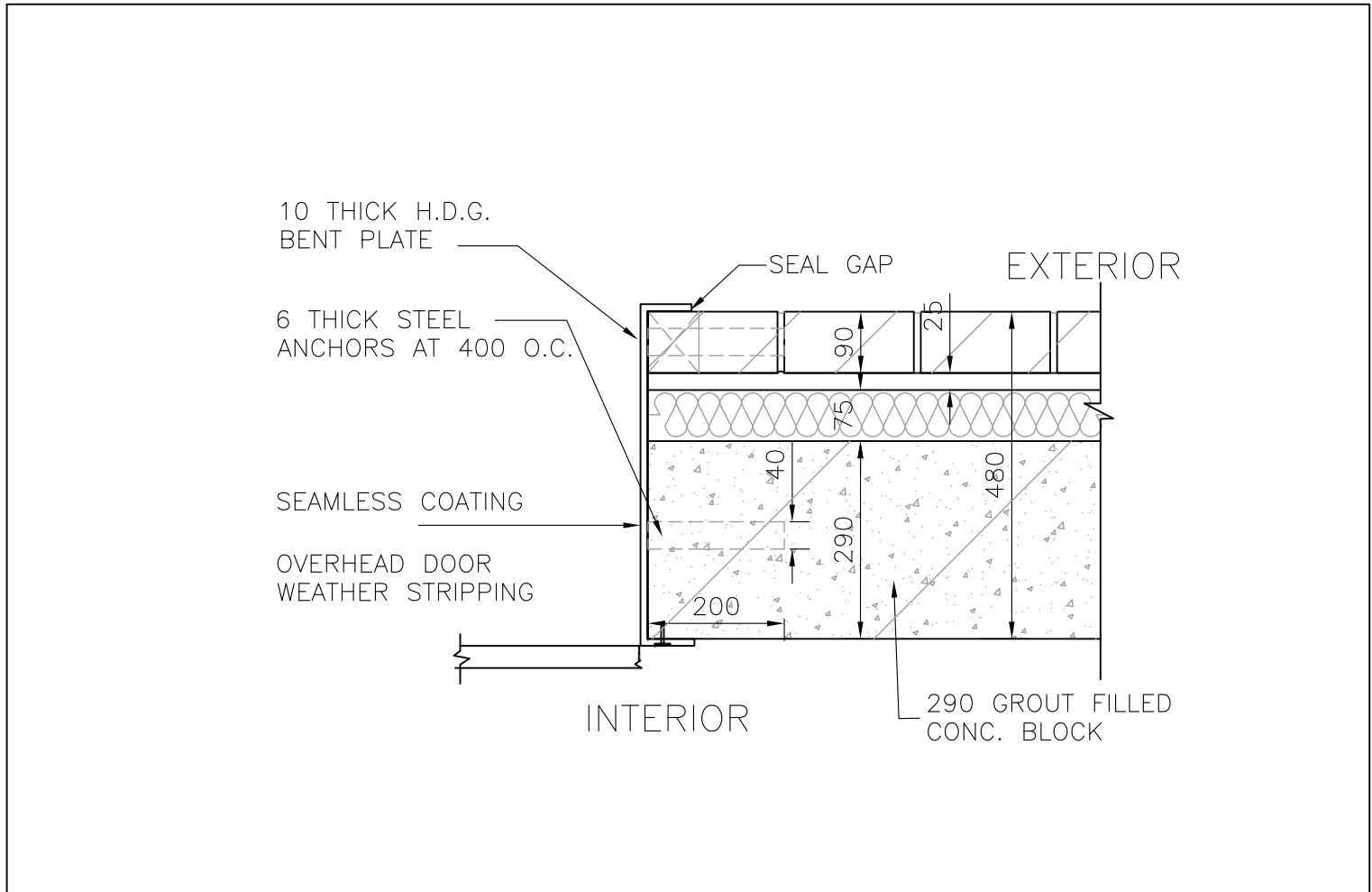
Dwg.No.
A7
 OF 8



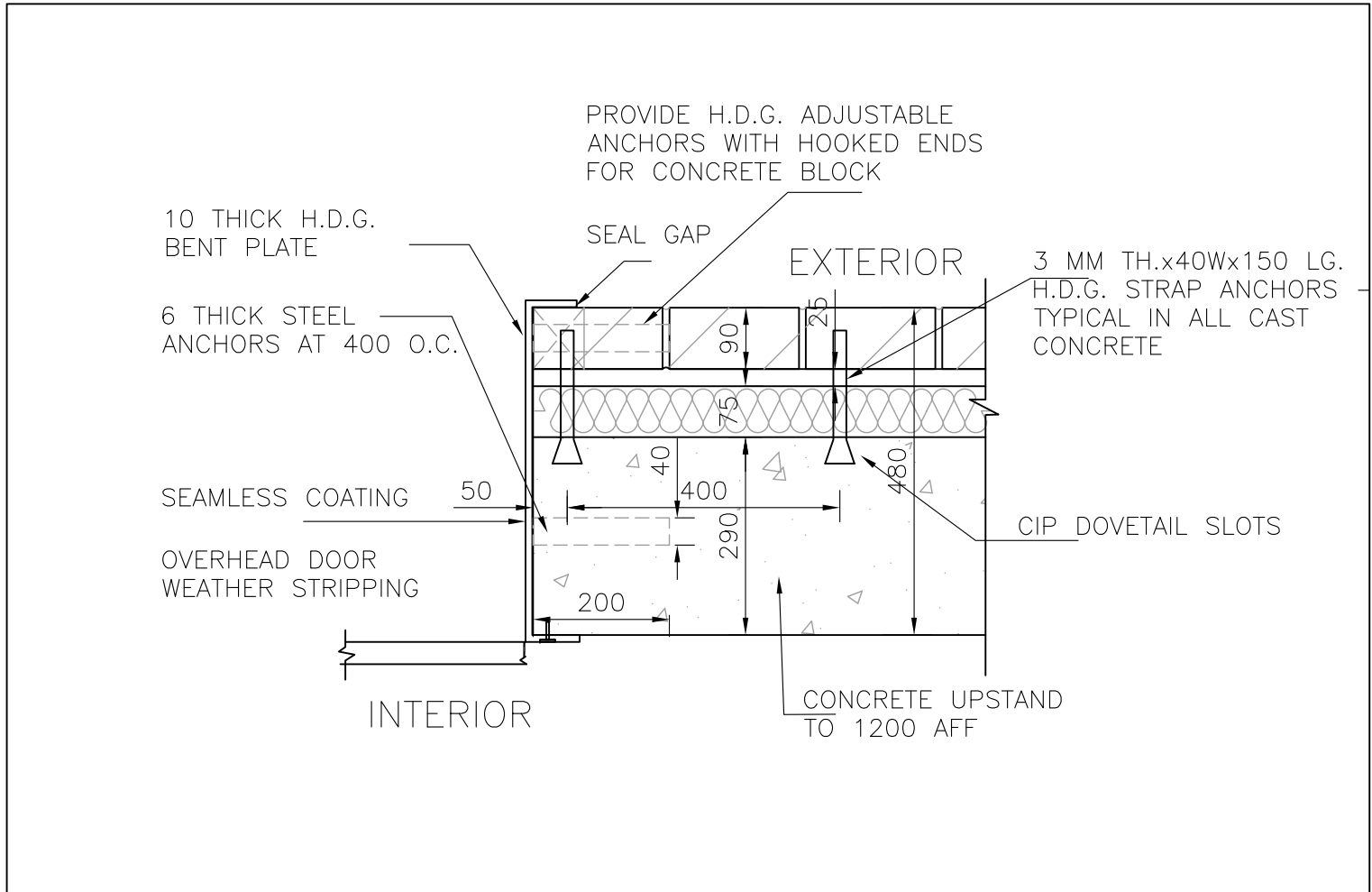
1 PARAPET SECTION DETAIL @ EXIST. ROOF
1 : 5



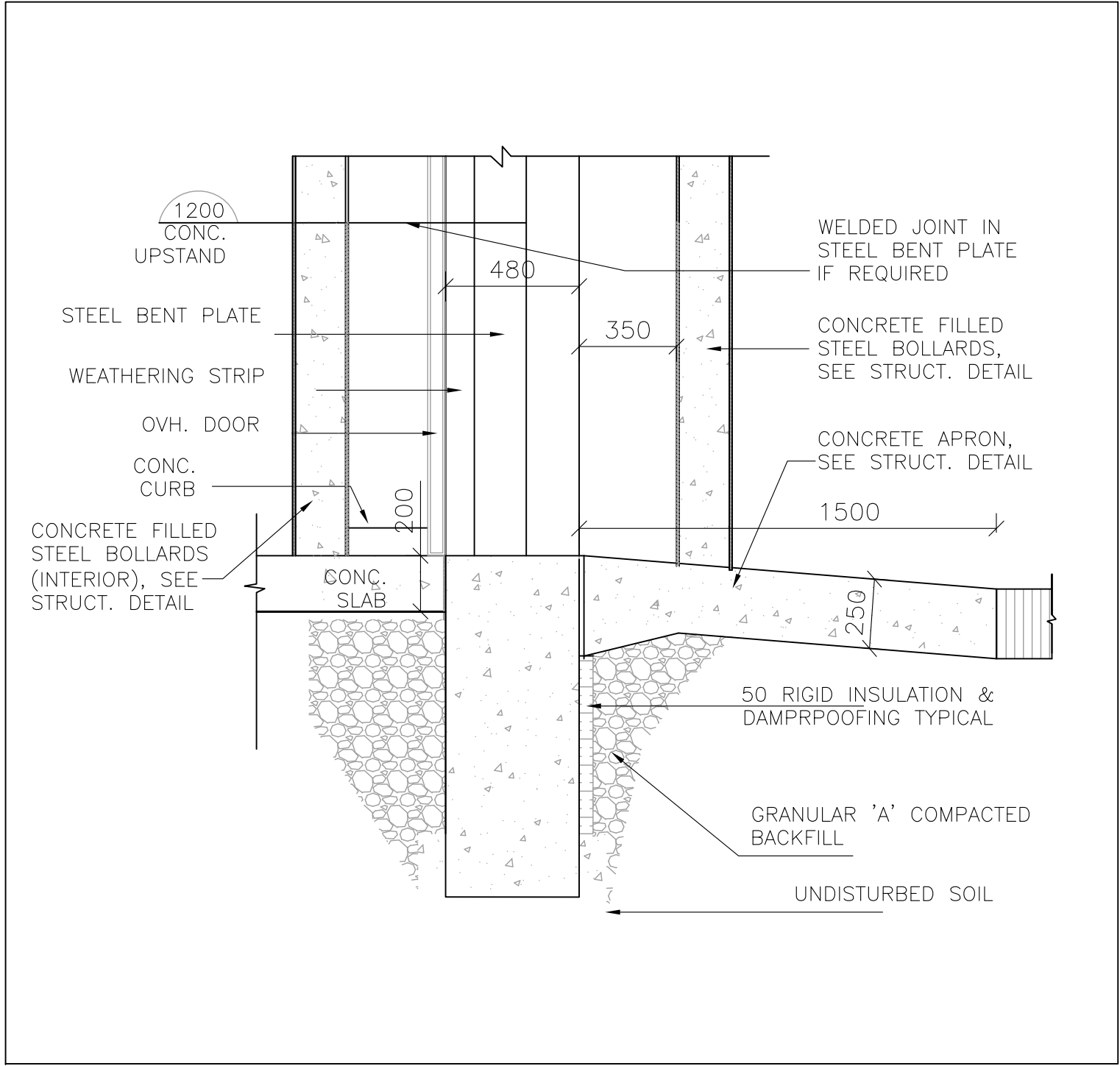
5 TYP. PARAPET FLASHING SECTION DETAIL
1 : 5



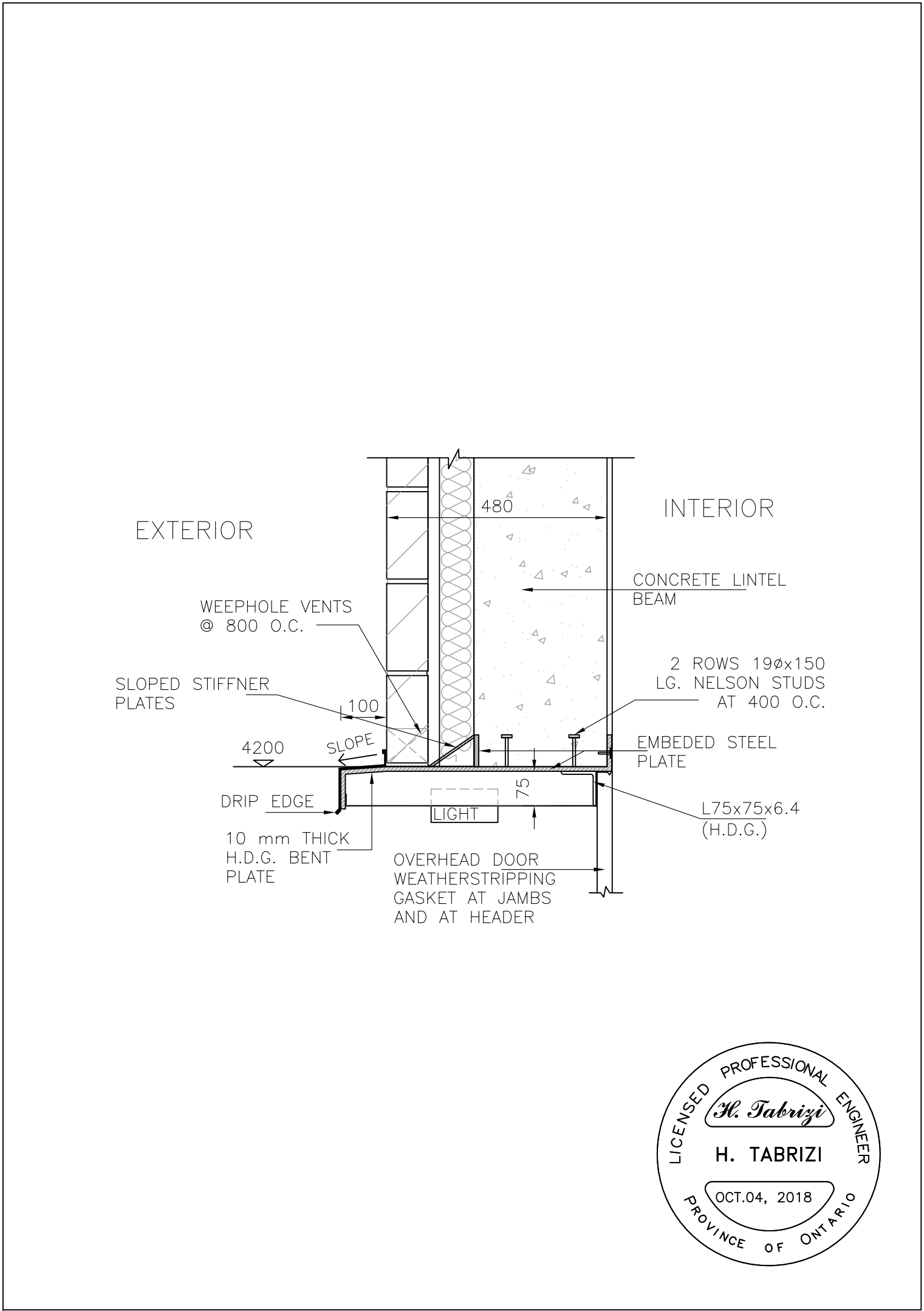
2 O/H DOOR JAMB DETAIL @ CONC. BLOCK
1 : 10



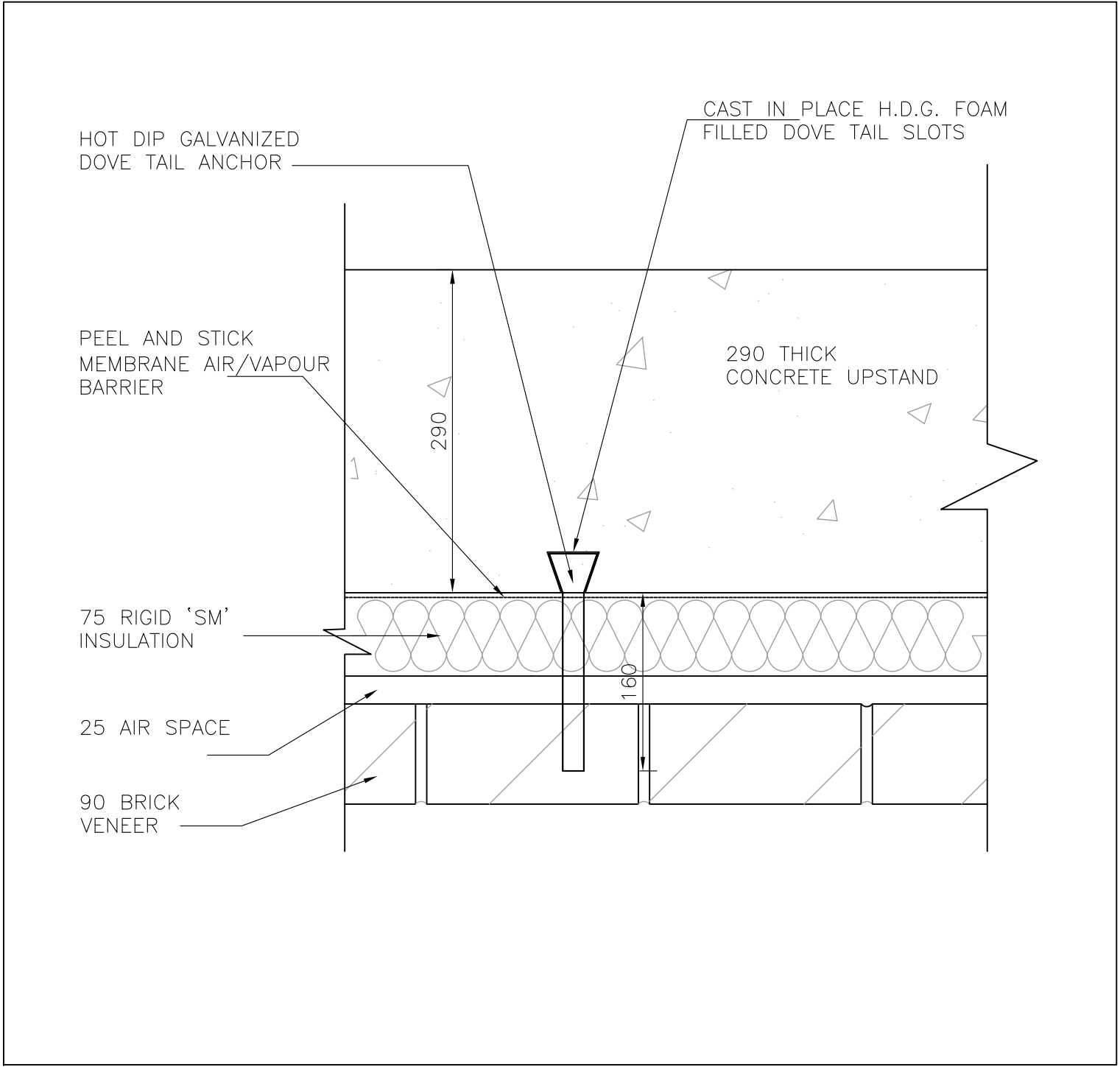
3 O/H DOOR JAMB DETAIL @ CONC. UPSTAND
1 : 10



6 SECTION DETAIL-CONCRETE APRON
1 : 20



4 HEADER DETAIL @ OVERHEAD DOOR
1 : 10



7 TYP. ANCHOR DETAIL @ CONCRETE UPSTAND
1 : 5

4		
3		
2		
1		
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PORT PERRY, ON**

Job Descript. :
NEW WASH BAY ADDITION

MISCELLANEOUS DETAILS

Design:	A.T
DRAWN:	S.C.
Approv.:	A.T.
Scale:	S.C.
Date:	OCT. 04, 2018

Project No.
T-1017-2018

Job No.

Dwg.No.
A8
OF 8

DESIGN NOTES:

1. THE BUILDING IS DESIGNED AS BELONGING TO THE NORMAL IMPORTANCE CATEGORY, AS PER OBC 2012.
2. ALL CONCRETE MEMBERS/ ELEMENTS HAVE BEEN DESIGNED AS PER CSA A23.3-04
3. ALL STRUCTURAL STEEL MEMBERS HAVE BEEN DESIGNED AS PER CAN/CSA -S16-09.
4. ALL MASONRY ELEMENTS HAVE BEEN DESIGNED AS PER CSA STANDARD S304.1-04.

DESIGN CRITERIA AS PER OBC 2012:

1. DEAD LOAD:
FLOOR SLAB = 4.8 kPa (SELF WT OF SLAB)
ROOF : UDL = 6 kPa (INCLUDING PRECAST ROOF SLAB (2.96 kPa)

2. LIVE LOAD:
GROUND FLOOR: UDL 12.0 kPa,
ROOF: UDL = 2.32 kPa

3. WIND LOAD:
 $q(1/50) = 0.44 \text{ kPa}$, ULS $I_w = 1.0$; SLS $I_w = 0.75$

TERRAIN TYPE: OPEN

- BUILDING AS A WHOLE

WALL : WINDWARD: ($C_e = 0.93$; $C_pC_g = +1.3$)
: LEEWARD : ($C_e = 0.9$; $C_pC_g = -0.9$)
ROOF : UPLIFT : ($C_e = 0.93$; $C_pC_g = -2.0$)

- SECONDARY ELEMENTS AND CLADDING:

EXTERNAL PRESSURE COEFFICIENT (C_pC_g)

WALL (END ZONE) (-0.9)
WALL (CENTER) (-0.6)

WALL (END ZONE) (+1.2)
WALL (CENTER) (+0.75)

ROOF (CORNERS) (-3.3)
ROOF (EDGES) (-2.0)
ROOF (FIELD - CENTER) (-1.5)

- INTERNAL PRESSURE: (CATEGORY 3- OPENING)

$C_{pi} = -0.7$ TO $+0.7$, $C_g = 2.0$

4. SNOW LOAD DESIGN COEFFICIENT:

$C_b = 0.8$, $C_w = 1.0$, ULS $I_s = 1.0$, SLS $I_s = 0.9$
 $C_a = 1.0$, $C_s = 1.0$
 $S_s = 2.4 \text{ kPa}$, $S_r = 0.4 \text{ kPa}$
REFER TO ROOF PLAN FOR SNOW ACCUMULATION ON EXISTING ROOF

5. EARTHQUAKE LOAD: (SITE CLASS 'D' AS PER GEOTECHNICAL INVESTIGATION REPORT BY SPL CONSULTANTS LTD.

IMPORTANCE FACTOR $I_e = 1.0$,
FOR $S(0.2) = 0.170$, $S(0.5) = 0.12$, $S(1.0) = 0.070$, $S(2.0) = 0.023$, $PGA = 0.053$
 $M_v = 1.0$, $R_d = 1.5$, $R_o = 1.5$, $F_a = 1.3$, $F_v = 1.4$,

THE SEISMIC HAZARD INDEX FOR THIS SITE IS:
 $I_eF_aS_a(0.2) = 0.221$

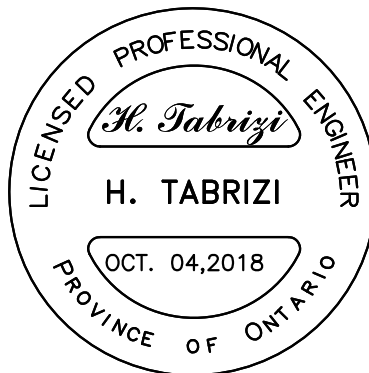
LOOSE LINTEL SCHEDULE
(BRICK VENEER)

MASONRY OPENING	LINTEL SIZE
UP TO 1200	L89x89x8
1200 TO 1800	L102x89x8 LLV
1800 TO 2400	L125x89x8 LLV
2400 TO 3000	L150x89x10 LLV

PROVIDE 200 MINIMUM BEARING AT END FOR STEEL LOOSE LINTELS.
LINTELS TO BE HOT DIPPED GALVANIZED. THESE LINTELS ARE DESIGNED ONLY FOR BRICK VENEER.

ABBREVIATIONS

BEW - BOTTOM EACH WAY
BP - BEARING PLATE
BU - BUILT-UP
B.U.L - BOTTOM UPPER LEVEL
B.L.L - BOTTOM LOWER LEVEL
B.L - BLOCK LINTEL
C.J. - CONTROL JOINT
CN - COMMON NAIL
CSN - COMMON SPIRAL NAIL
CSP - CANADIAN SOFTWOOD PLYWOOD
CANT. - CANTILEVERED BEAM
CONT. - CONTINUOUS
DCA - DRILLED CONCRETE ANCHORS
DCAA - DRILLED CONCRETE ADHESIVE ANCHORS
FF - FINISHED FLOOR
FFE - FINISHED FLOOR ELEVATION
H.D.G. - HOT DIPPED GALVANIZED
HEF - HORIZONTAL EACH FACE
HIF - HORIZONTAL INSIDE FACE
HOF - HORIZONTAL OUTSIDE FACE
HP - HIGH POINT
LB - LOAD BEARING
LP - LOW POINT
LSSJ - LONG SPAN STEEL JOIST
MC - MOMENT CONNECTION
MP - MASONRY PIER
OWSJ - OPEN WEB STEEL JOIST
SDF - STEPPED DOWN FOOTING
SIDL - SUPERIMPOSED DEAD LOAD
SL - STEEL LINTEL
SPD - STANDARD PROCTOR DENSITY
SPMDD- STANDARD PROCTOR MAXIMUM DRY DENSITY
TJ - TIE JOIST
T.U.L - TOP UPPER LEVEL
T.L.L - TOP LOWER LEVEL
U.N.O. - UNLESS NOTED OTHERWISE
VB - VERTICAL BRACE
VEF - VERTICAL EACH FACE
VIF - VERTICAL INSIDE FACE
VOF - VERTICAL OUTSIDE FACE
VSC - VERTICAL SLOTTED CONNECTION
WWF - WELDED WIRE FABRIC



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NO.	REVISION	DATE
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NOTE:

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LATEST APPROVED DRAWINGS ONLY TO BE USED FOR CONSTRUCTION.

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CLIENT:



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OF DURHAM

TABCON

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Toronto, Ontario, M2H 2E1
Tel. : (647) 974-7006
Fax : +1(888) 327-8107
Web Site : www.tabcon.com

Project Name :

SCUGOG DEPOT WASH BAY

Project Address :

**REGIONAL RD. 21 & 23
PORT PERRY, ON**

Job Descript. :

NEW WASH BAY ADDITION

GENERAL NOTES

Design: A.T

DRAWN: R.A

Approv.: A.T.

Scale: As Shown

Date: Oct. 04, 2018

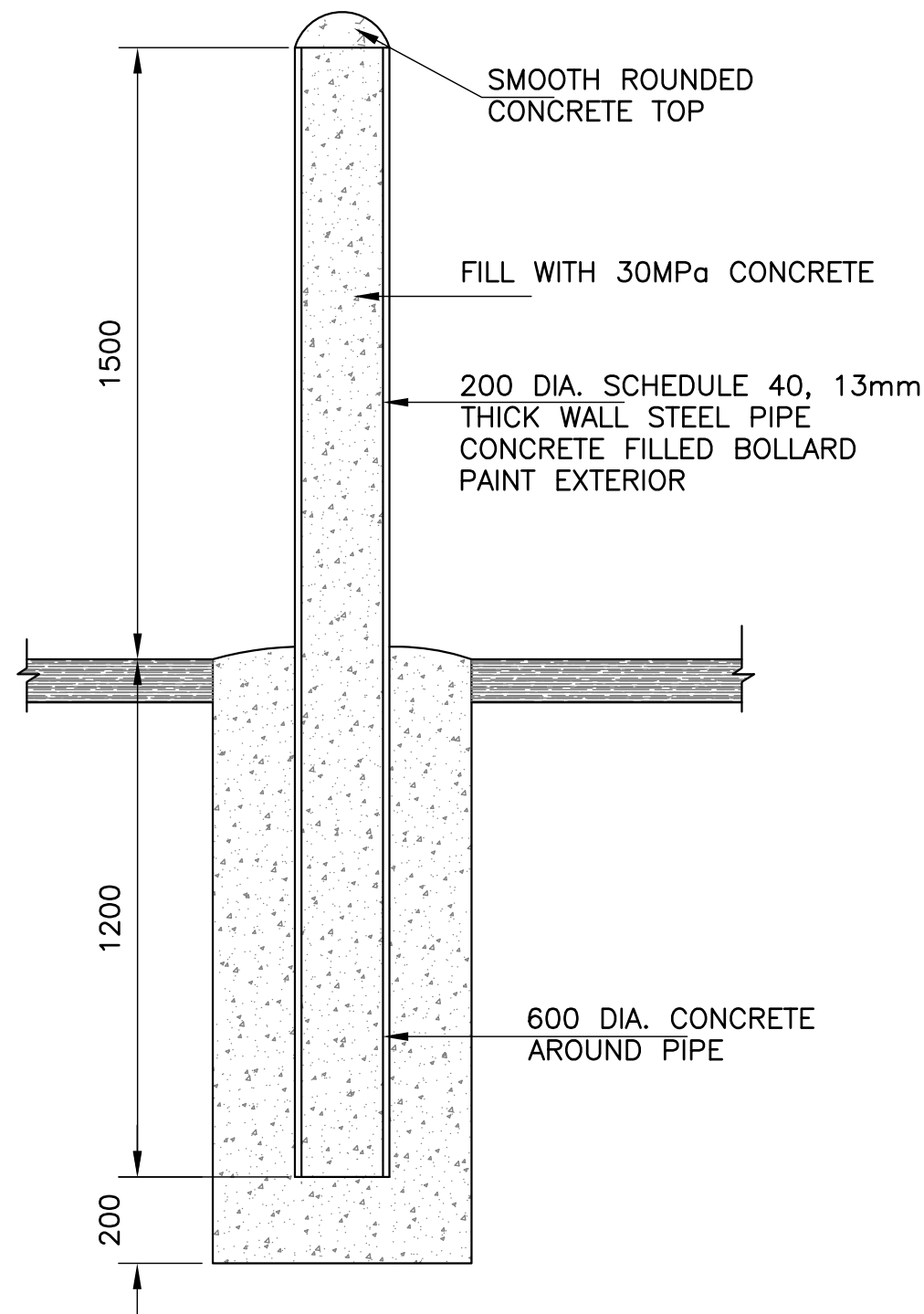
Project No.

T-1017-2018

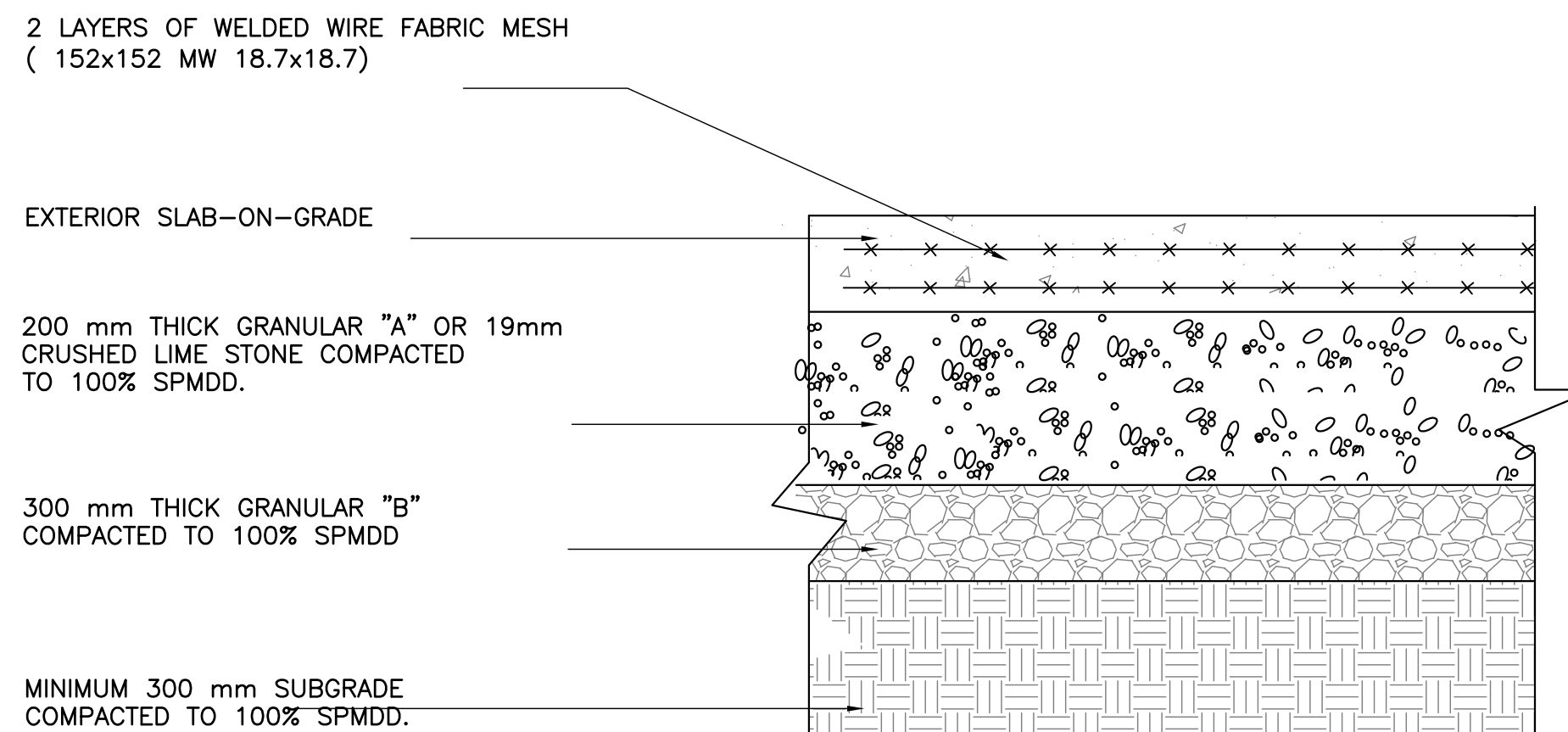
Job No.

Dwg.No.

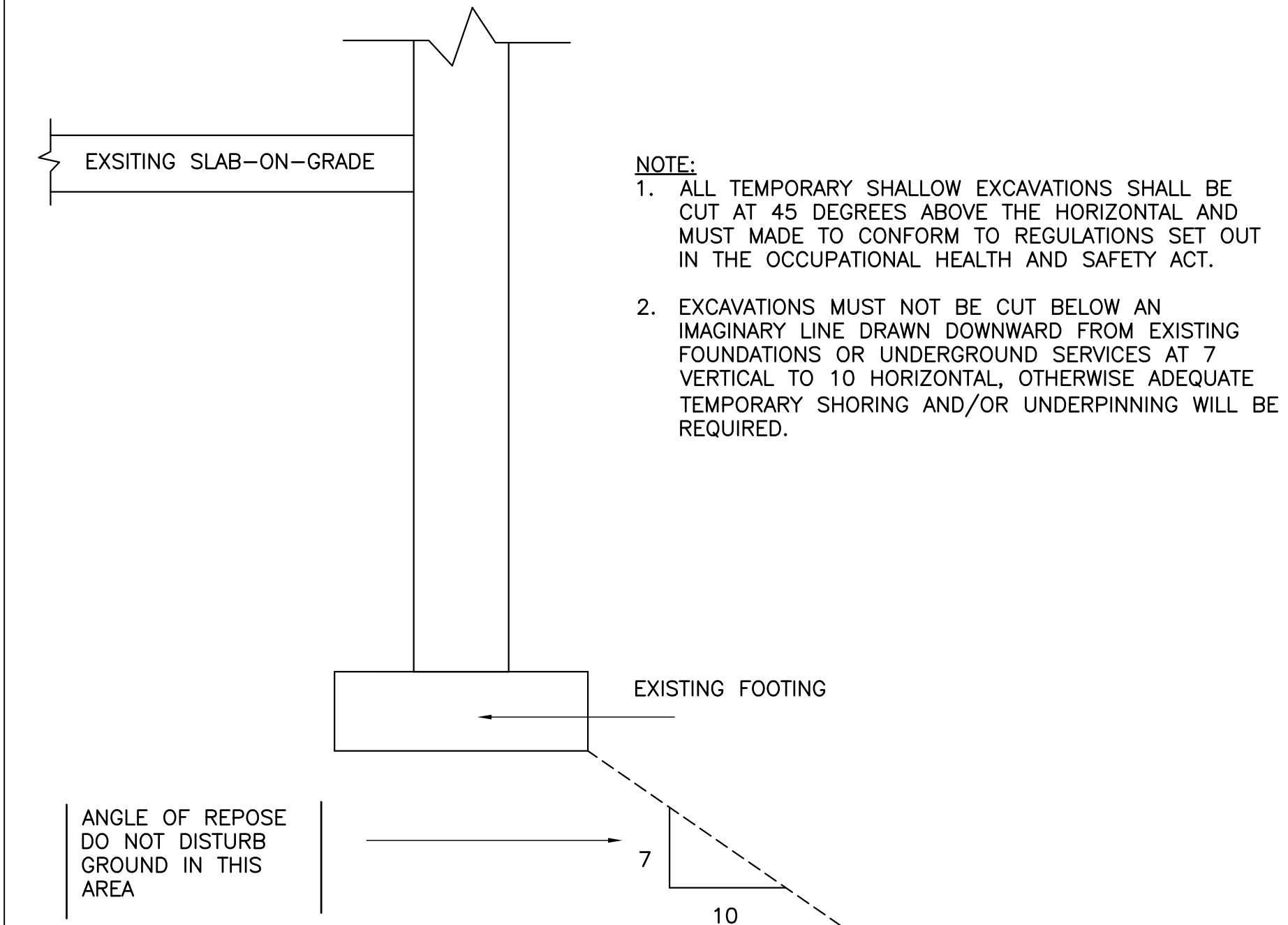
S1
OF 16



1
S2 TYPICAL BOLLARD DETAIL



2
S2 TYPICAL EXTEIROR SLAB-ON-GRADE



3
S2 EXCAVATION PROFILE

NEW ASPHALT LAYERS: (TYPICAL)

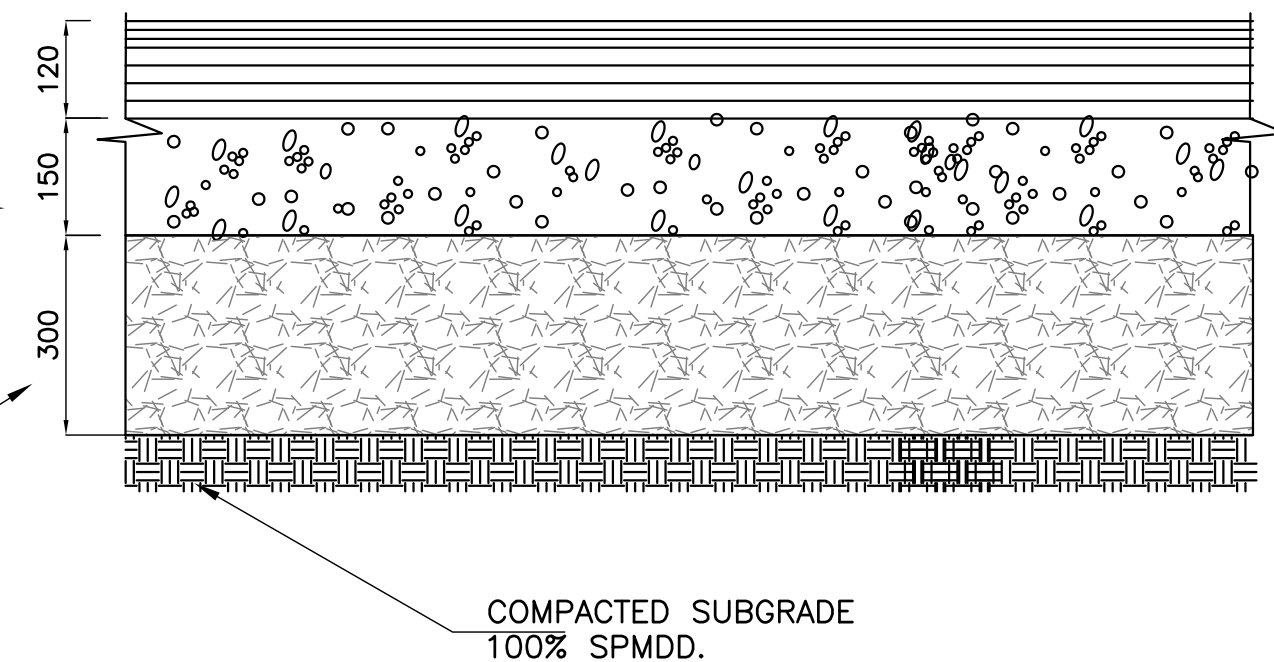
NEW 40mm THICK OF HL3

NEW 80mm THICK OF HL8

COMPACTED TO 97% MARSHALL DENSITY

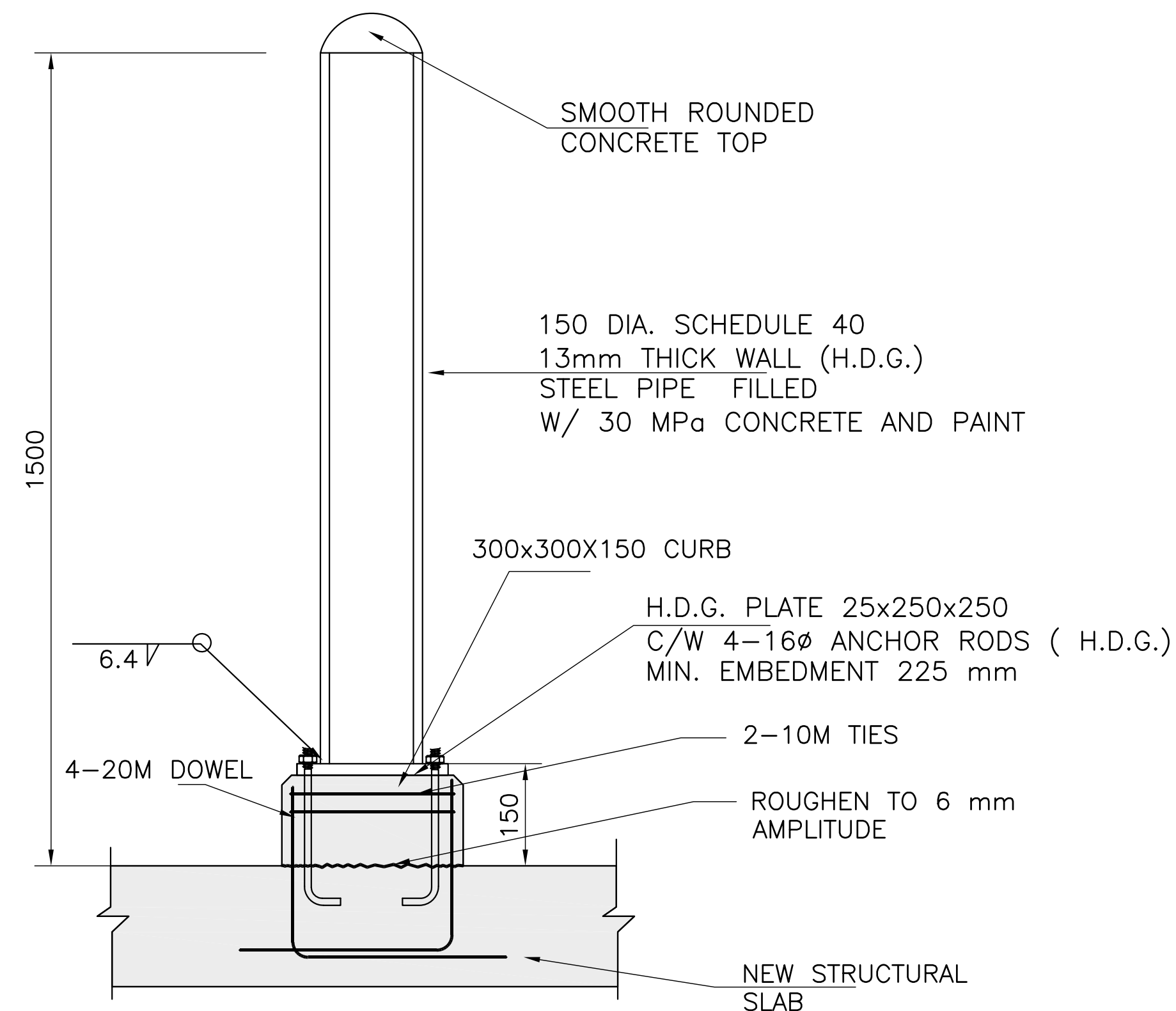
REMOVE EXISTING EARTH AND PROVIDE NEW 150 mm OF 19mm CRUSHED LIME STONE OR GRANULAR "A" COMPACTED TO 100% SPMD.

REMOVE EXISTING EARTH AND PROVIDE NEW 300 mm OR 12"OF GRANULAR "B" SUB-BASE COMPACTED TO 100% SPMD.

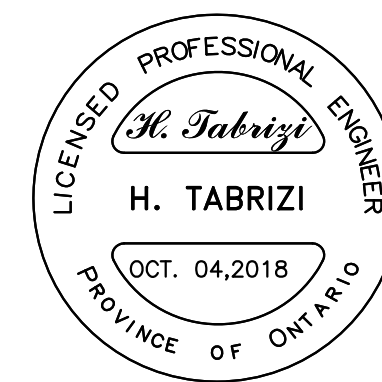


- NOTES:
- SUBGRADE TO BE SLOPED AT 2% MINIMUM TO FACILITATE DRAINAGE AND TO BE APPROVED PRIOR BY CONSULTANT PRIOR TO APPLICATION OF GRANULAR BASE
 - GRANULAR "B" SUBBASE AND 19mm CRUSHED LIMESTONE BASE TO BE SLOPED AT 2% MINIMUM TOWARDS THE CATCH BASINS & STREET SUBJECT TO APPROVAL BY CONSULTANT
 - ALL GRANULAR MATERIAL TO BE COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMD).
 - SUBGRADE TO BE COMPACTED TO 100% SPMD.
 - COMPACTION TESTS ARE TO BE SUBMITTED TO CONSULTANT PRIOR TO ACCEPTANCE.
 - ASPHALT SURFACE TO BE SMOOTH AND EVEN THROUGHOUT AND TO BE SLOPED AT 2% MINIMUM TOWARDS THE EXISTING CATCH BASIN & STREET.
 - ALL DIMENSIONS ARE IN METRIC

4
S2 TYPICAL ASPHALT PAVING DETAIL



5
S2 INTERIOR BOLLARD DETAIL



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NO.	REVISION	DATE

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Web Site : www.tabcon.com

Project Name : **SCUGOG DEPOT WASH BAY**

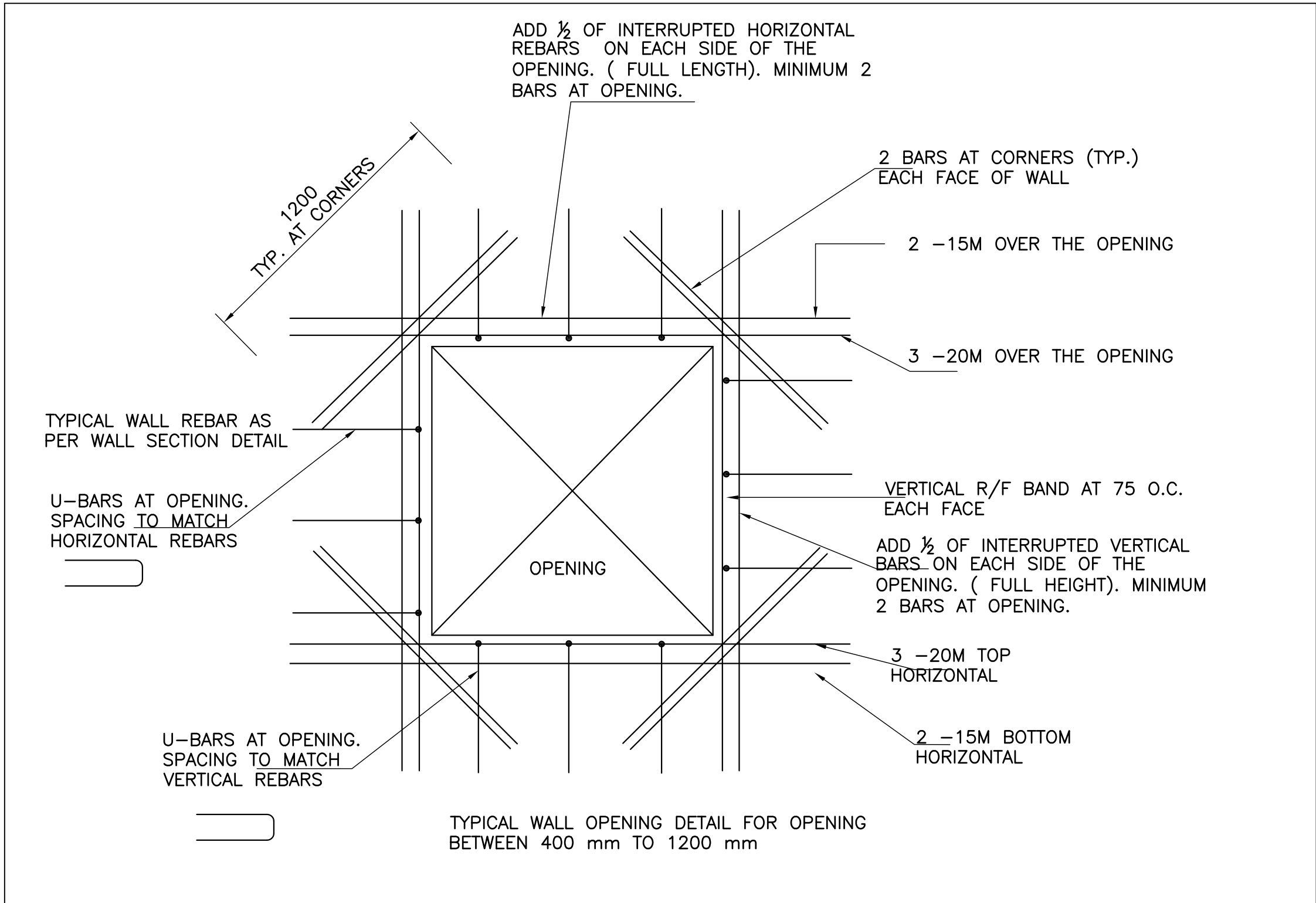
Project Address : **REGIONAL RD. 21 & 23 PORT PERRY, ON**

Job Descript. : **NEW WASH BAY ADDITION**

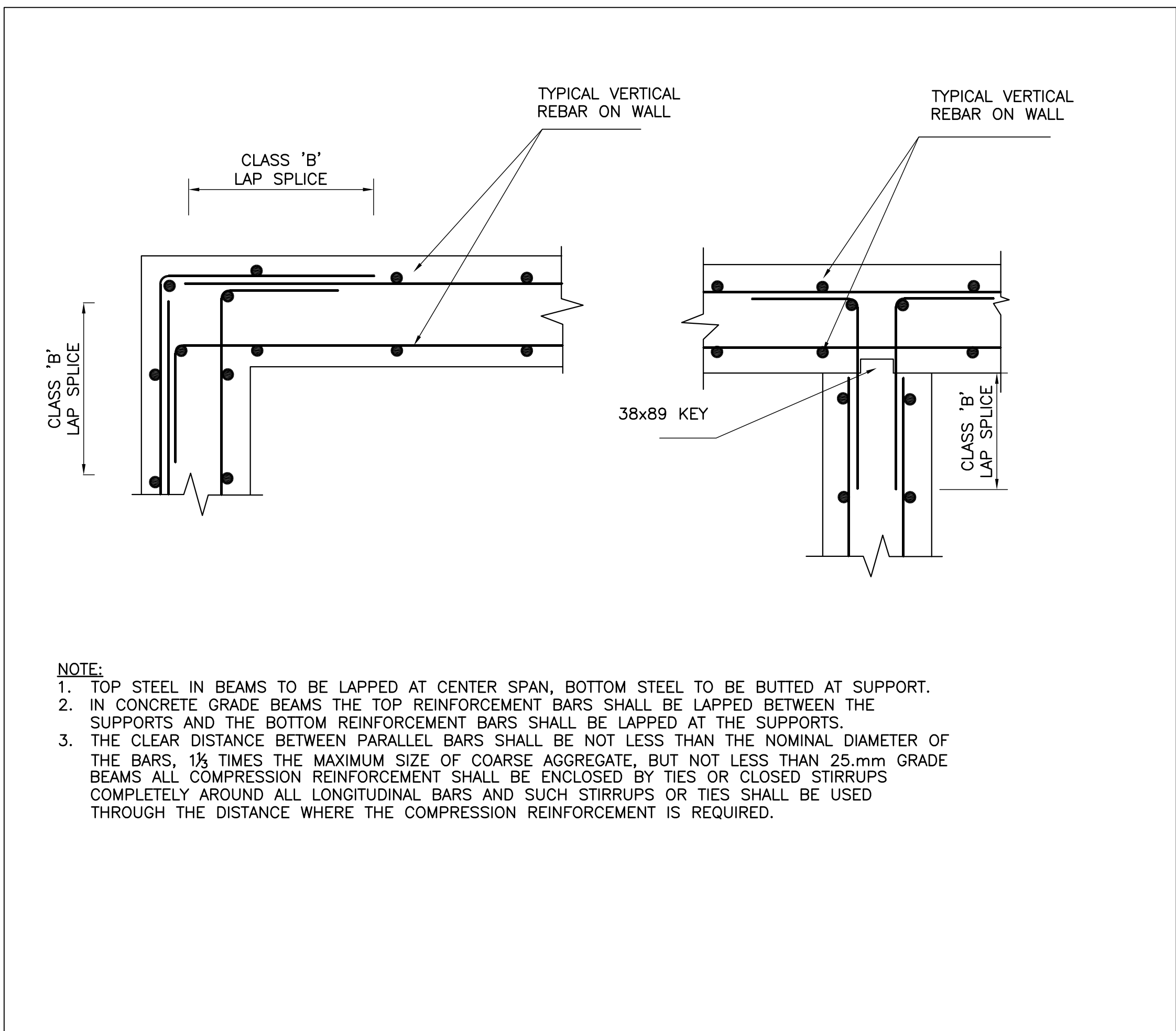
NOTES & DETAILS

Design:	A.T
DRAWN:	R.A
Approv.:	A.T.
Scale:	As Shown
Date:	OCT. 04, 2018

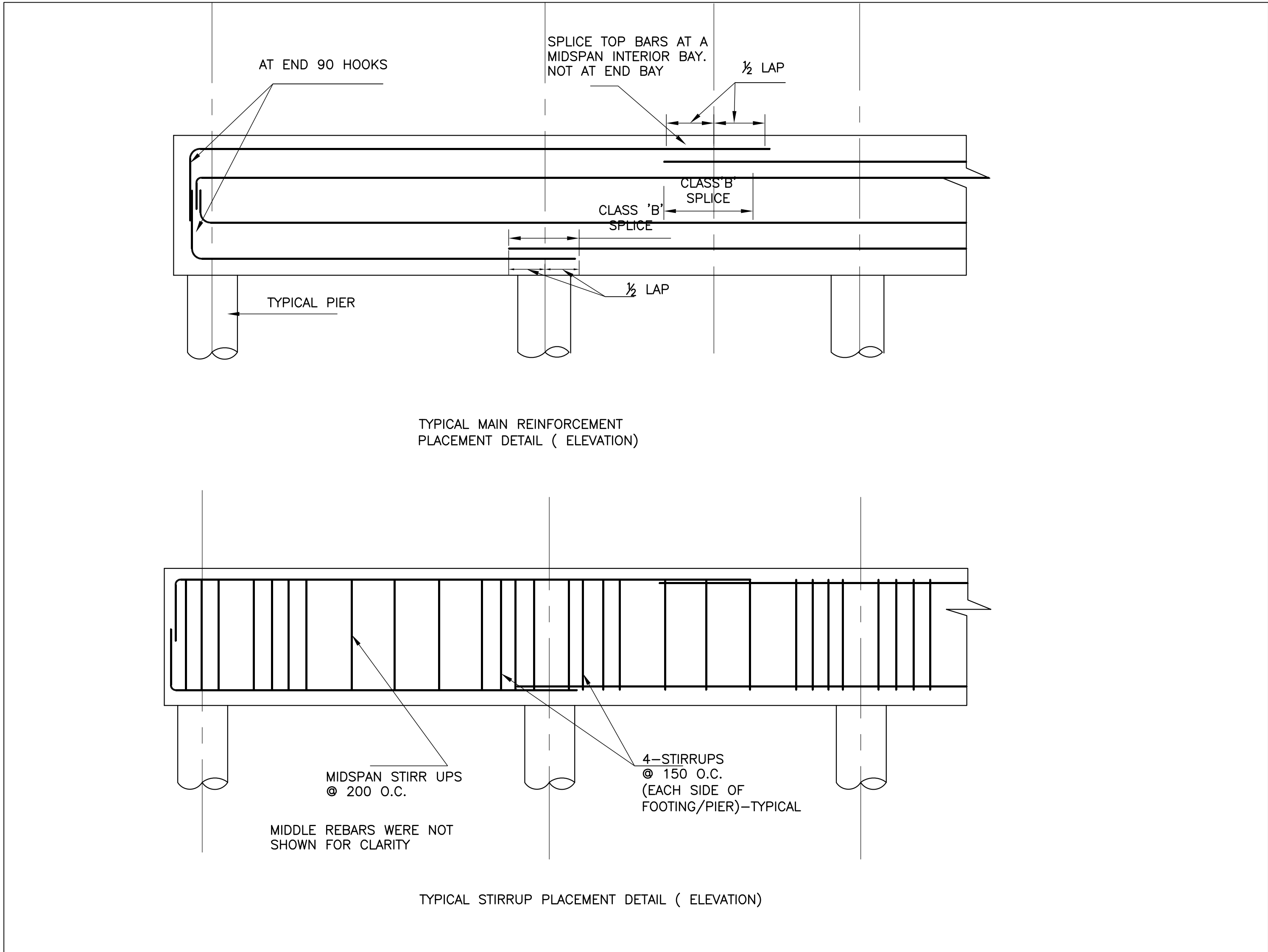
Project No. T-1017-2018	Dwg.No. S2 OF 16
Job No.	



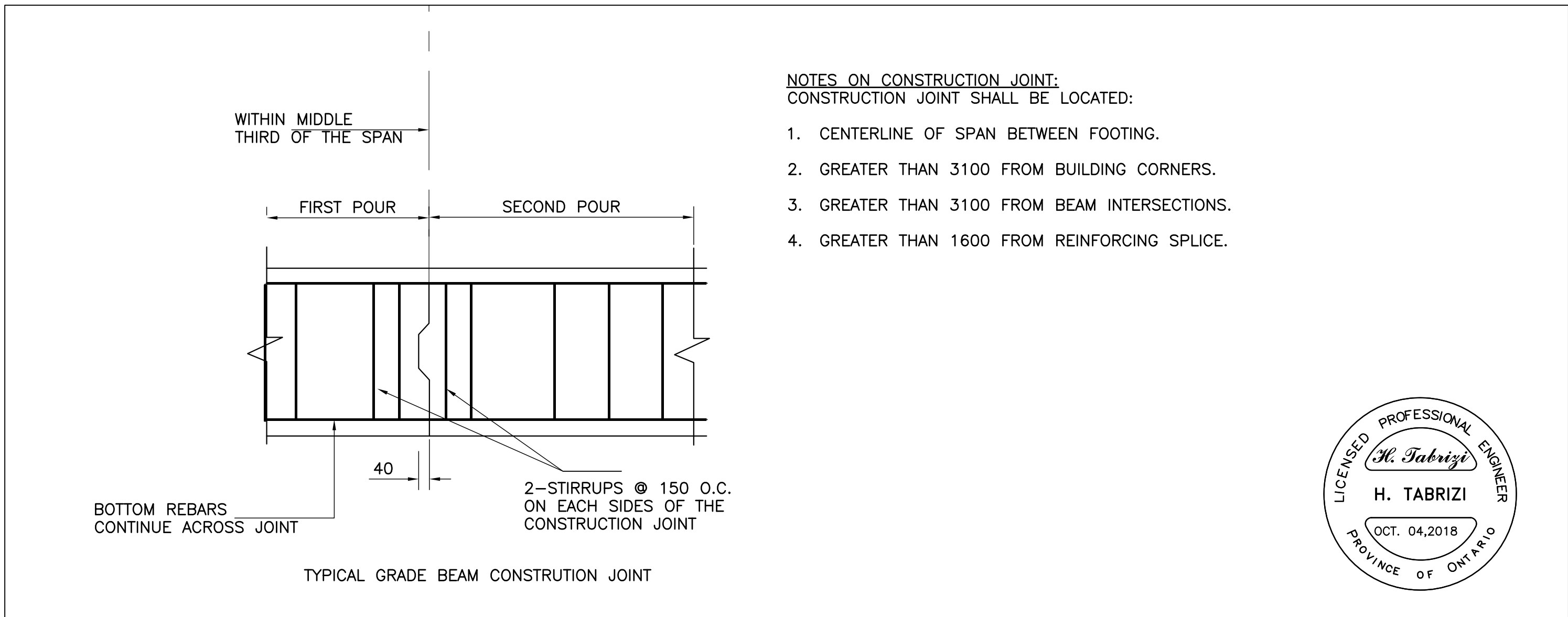
1 TYPICAL CONCRETE WALL OPENING DETAIL



2 TYPICAL WALL CORNER REBAR DETAIL



3 TYPICAL GRADE BEAM REBAR DETAIL



4 GRADE BEAM CONSTRUCTION JOINT

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NO.	REVISION	DATE

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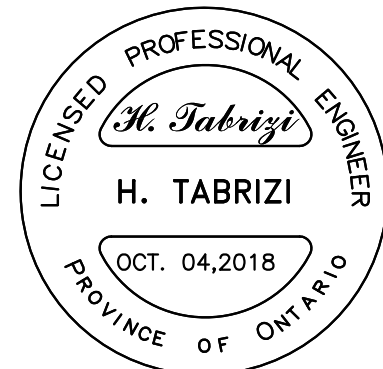
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**

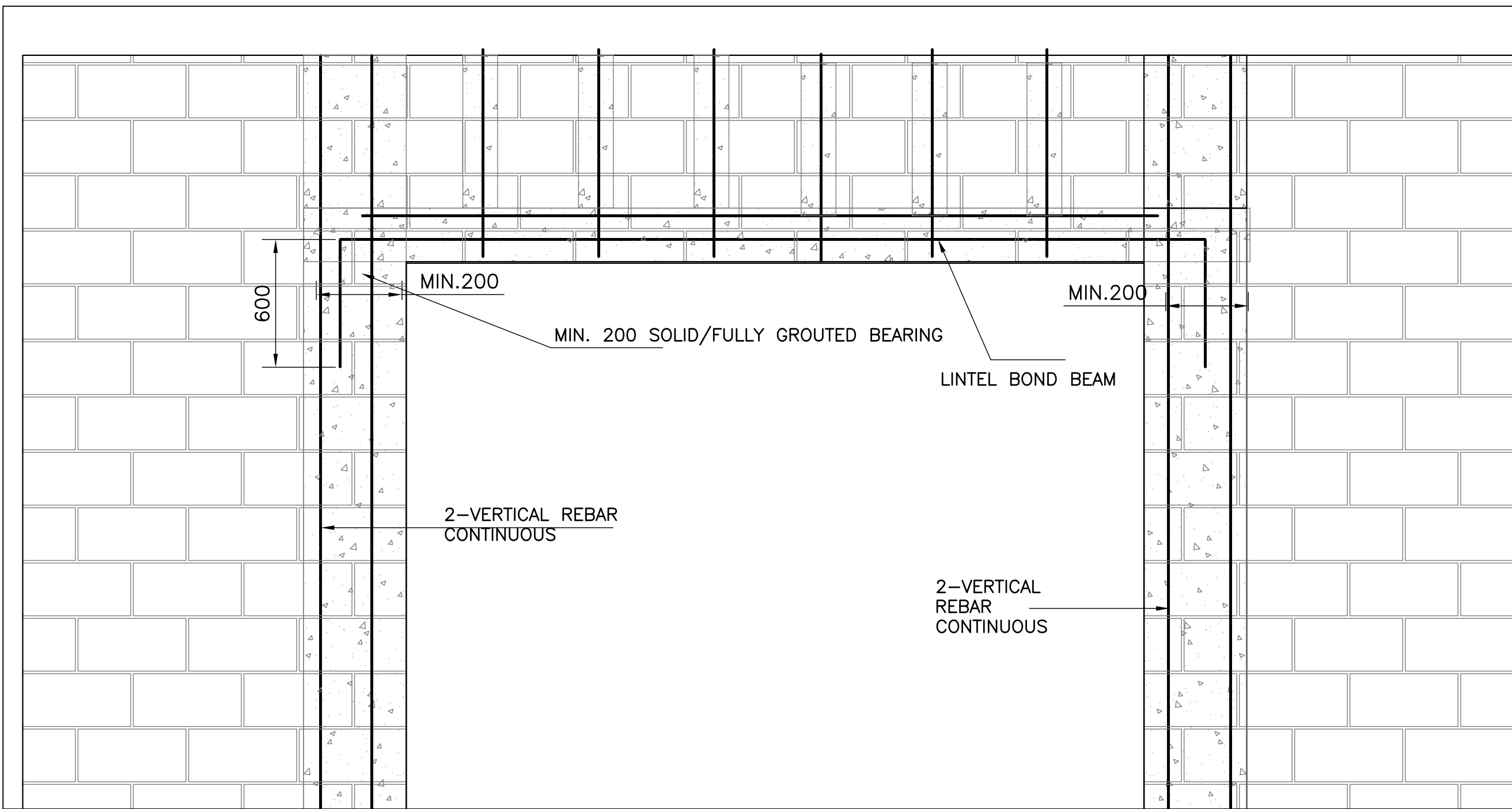
Job Descript. :
NEW WASH BAY ADDITION

CONCRETE DETAILS

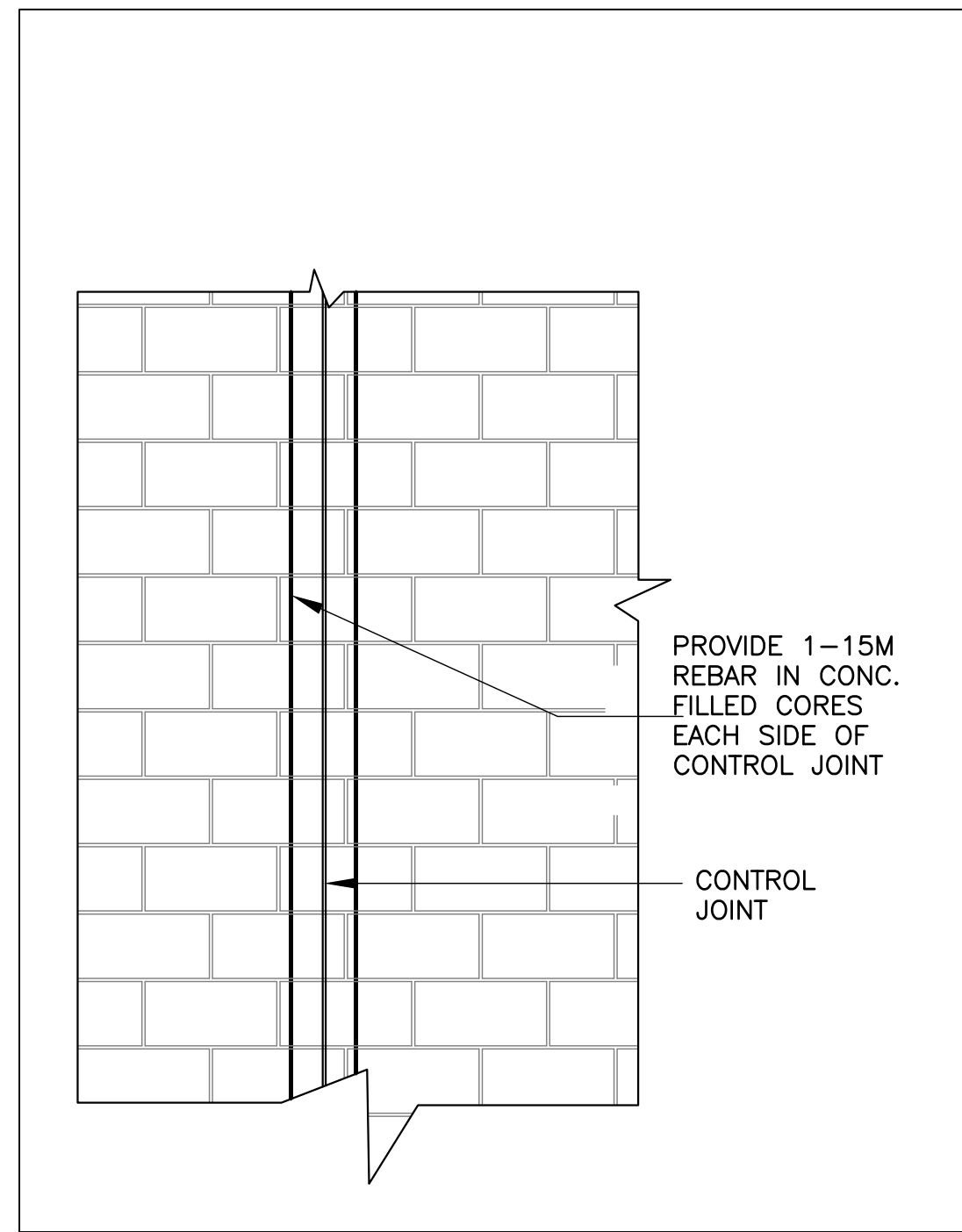
Design:	A.T
DRAWN:	R.A
Approv.:	A.T.
Scale:	As Shown
Date:	OCT.04, 2018

Project No. T-1017-2018	Dwg.No. S3 OF 16
Job No.	

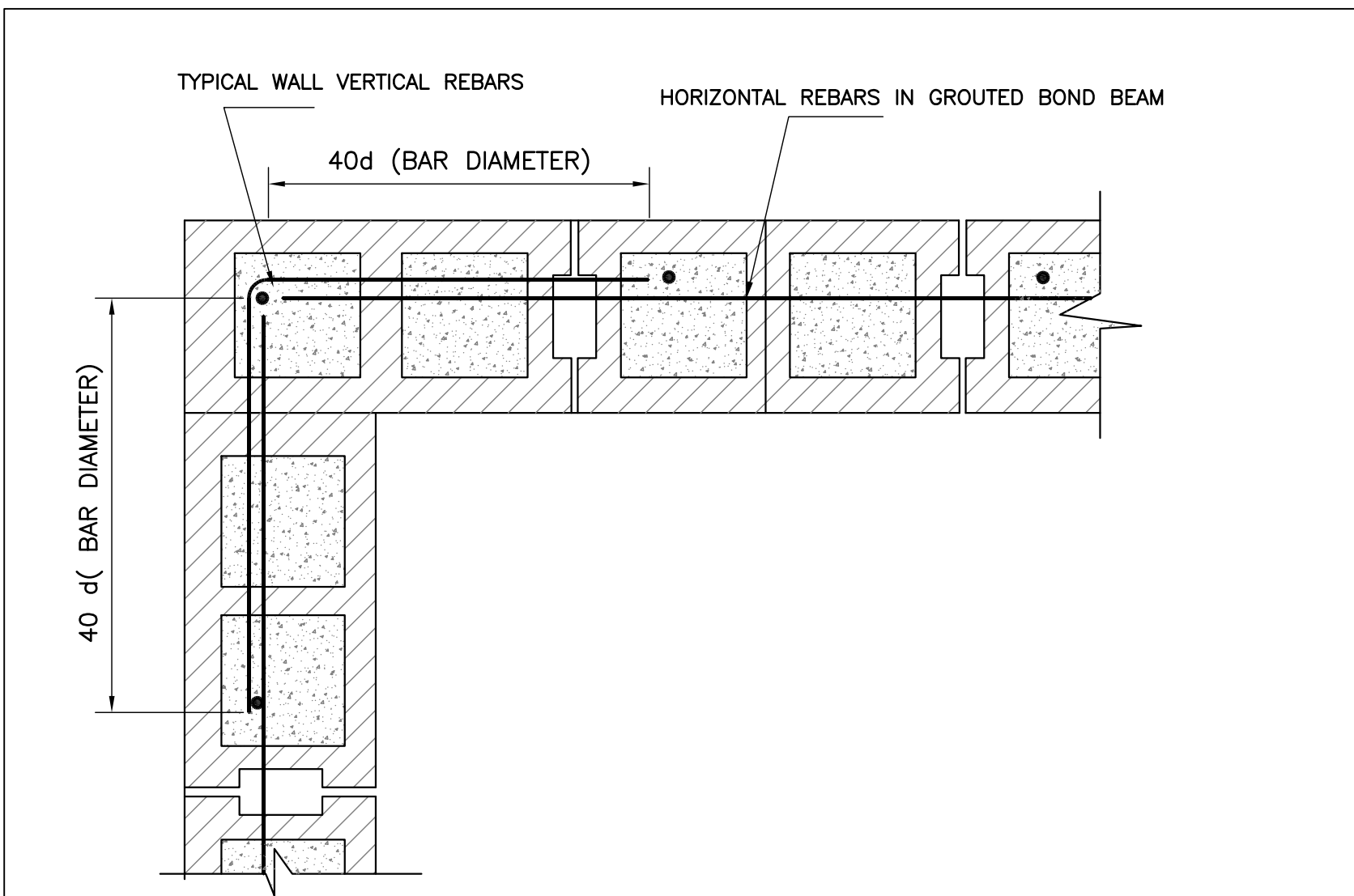




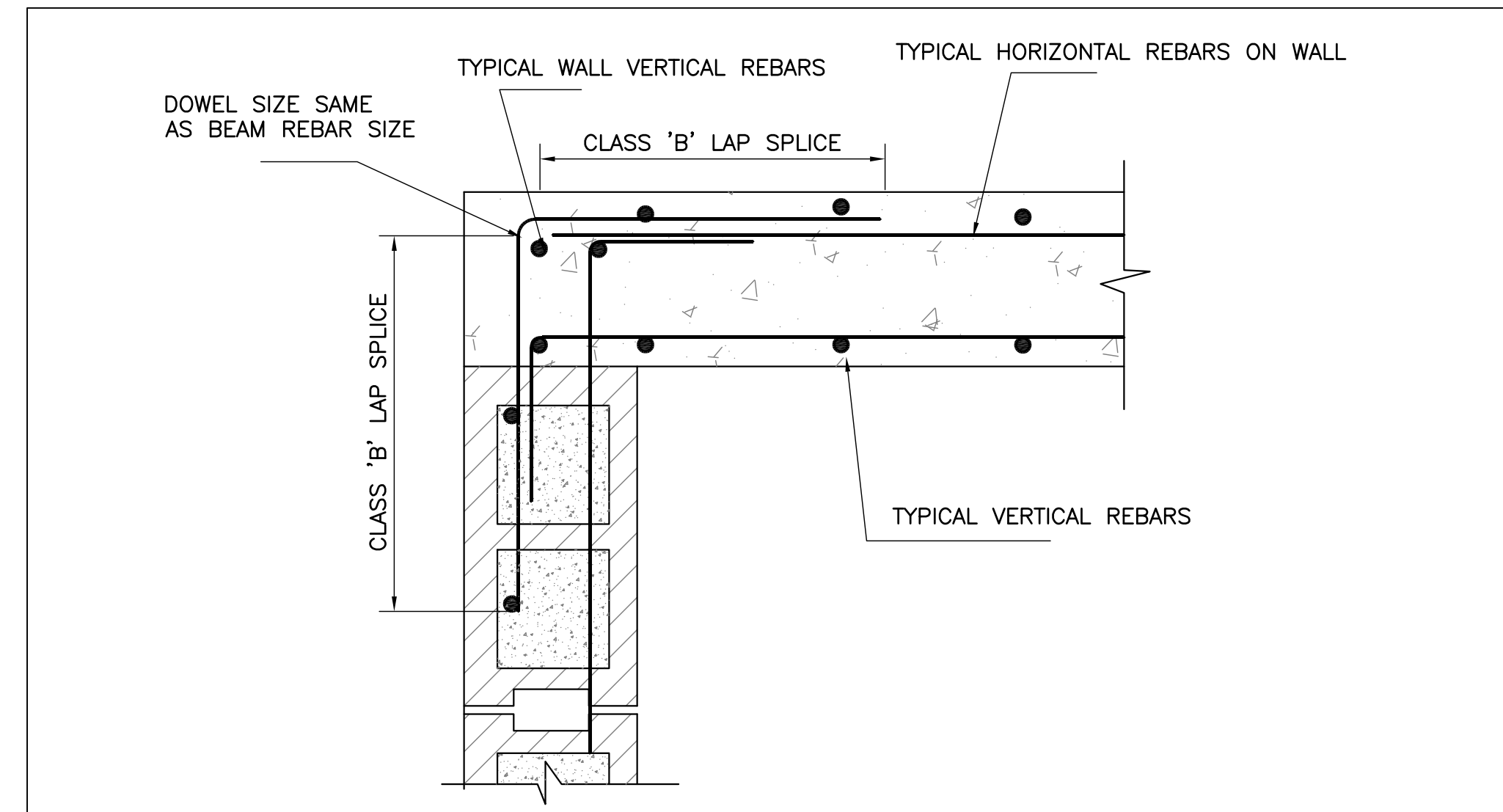
1 TYPICAL MASONRY WALL OPENING



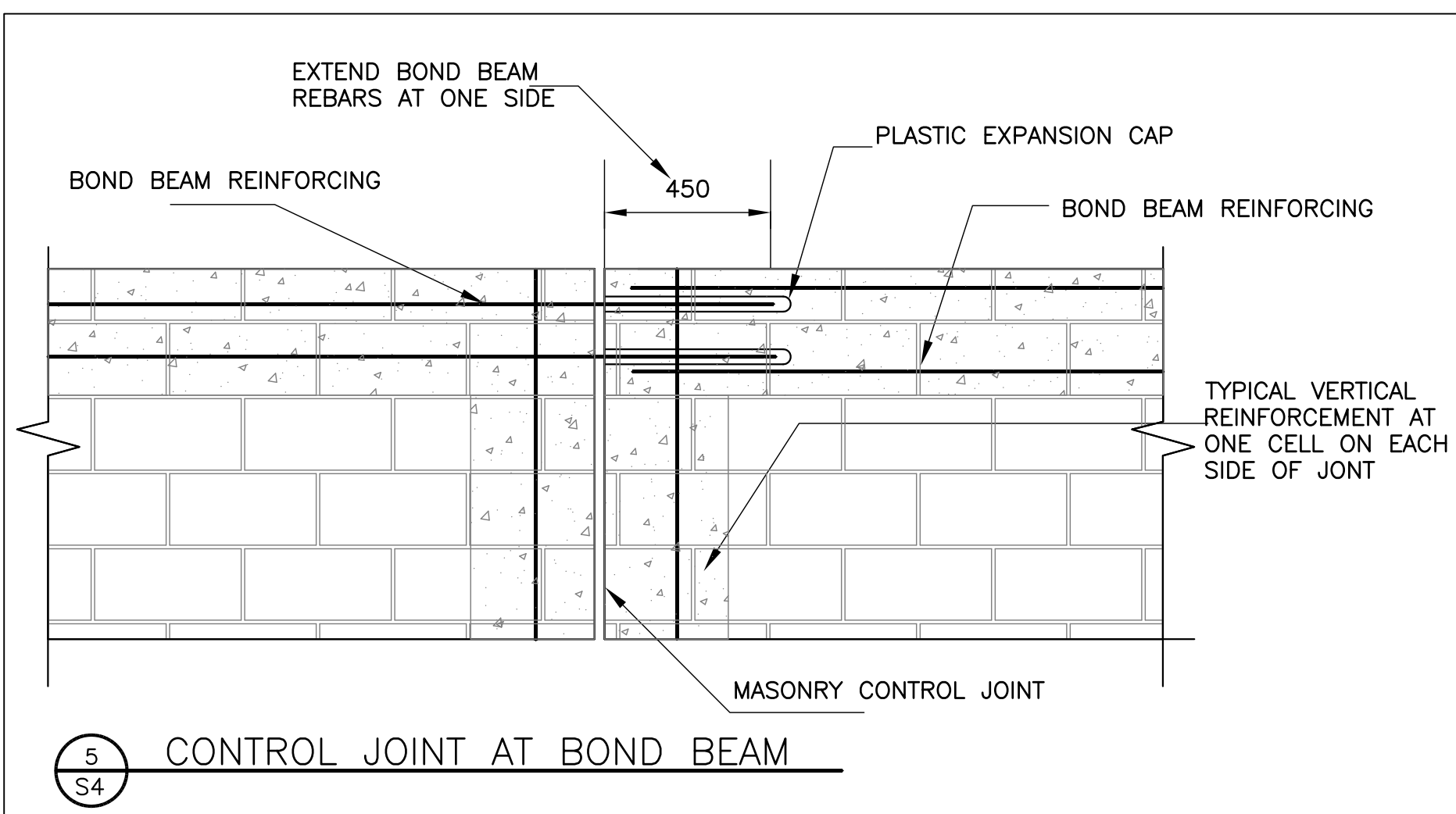
2 TYPICAL MASONRY CONTROL JOINT



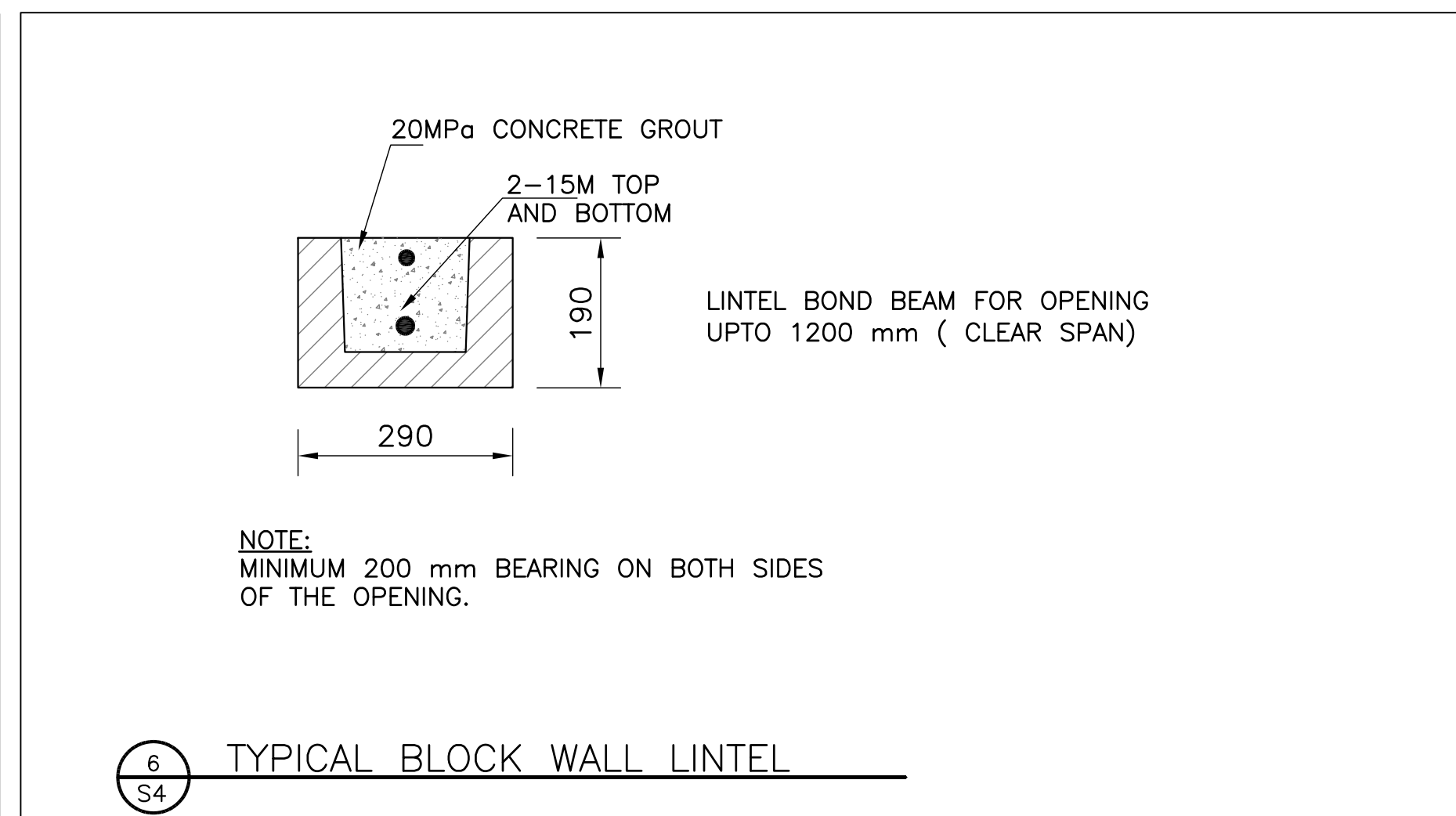
3 TYPICAL MASONRY WALL CORNER



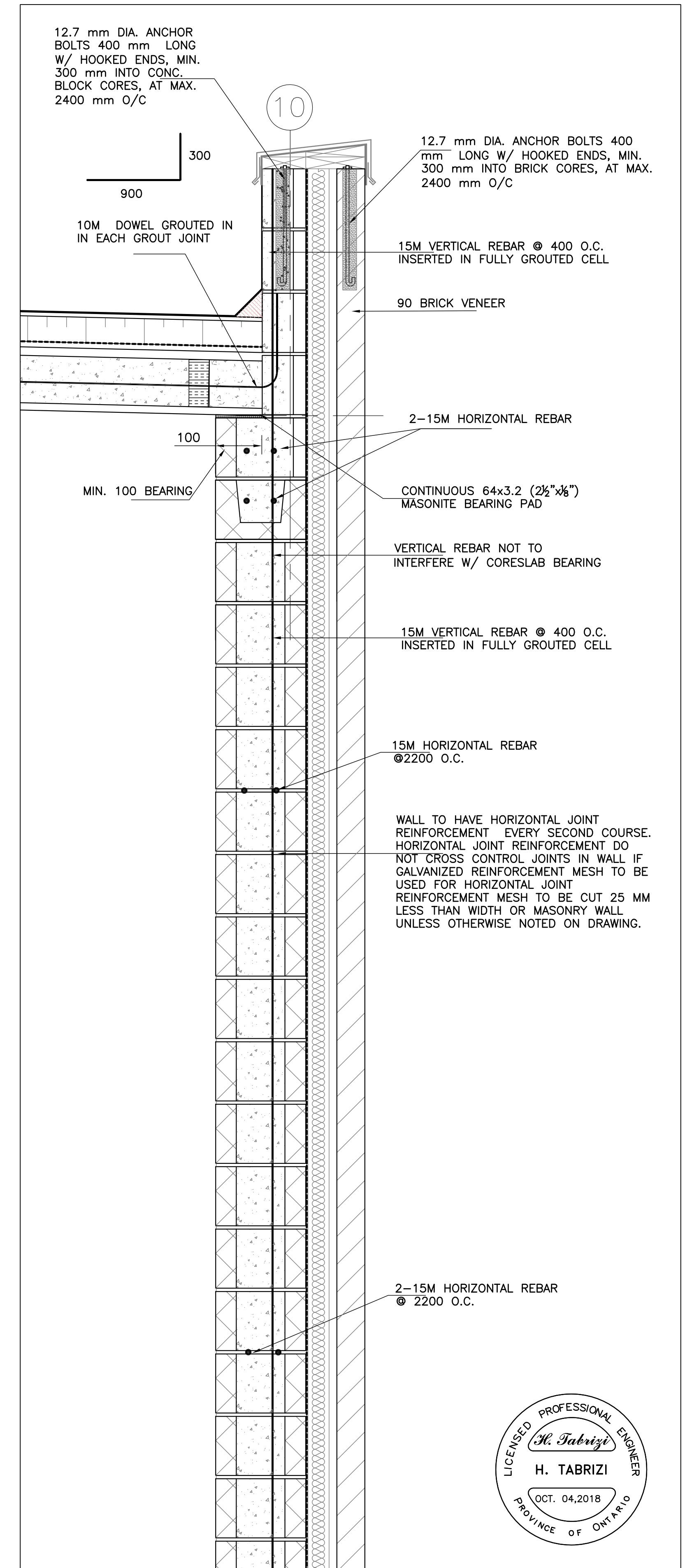
4 WALL CORNER-MASONRY TO CONCRETE WALL



5 CONTROL JOINT AT BOND BEAM



6 TYPICAL BLOCK WALL LINTEL

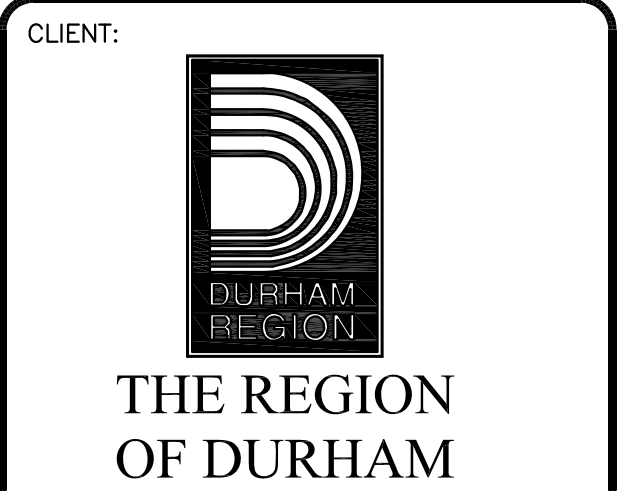


7 TYPICAL MASONRY WALL SECTION



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NO.	REVISION	DATE

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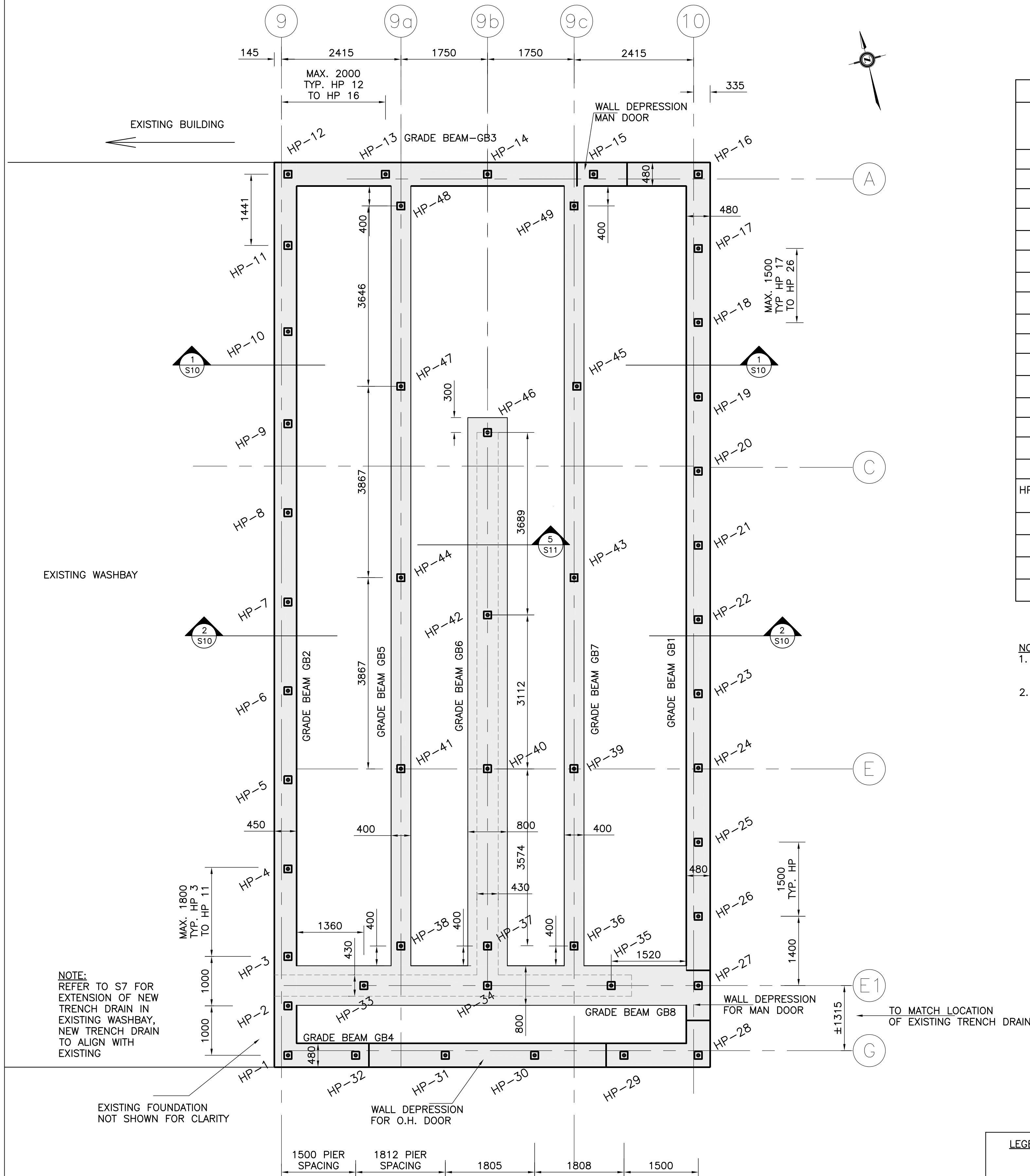
Project Name :
SCUGOG DEPOT WASH BAY
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
NEW WASH BAY ADDITION

MASONRY DETAILS

Design:	A.T
DRAWN:	R.A
Approv.:	A.T.
Scale:	As Shown
Date:	OCT.04, 2018

Project No.
T-1017-2018
Job No.

Dwg.No.
S4
OF 16

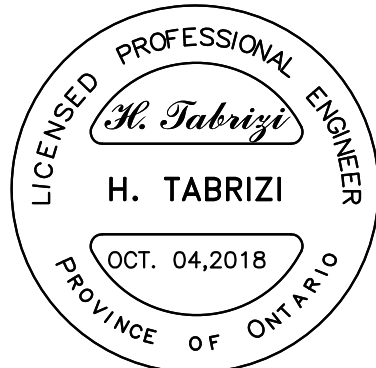


HELICAL PIER LOAD (COMPRESSIVE LOAD)				
PIER NO	UNFACTORED DEAD LOAD (kN)	UNFACTORED LIVE LOAD (kN)	TOTAL UNFACTORED LOAD (kN)	TYPE OF PROPOSED PIER
HP1	130	15	145	TYPE 1
HP2	75	15	90	TYPE 2
HP3	130	45	175	TYPE 1
HP 4 TO HP 11	155	45	200	TYPE 1
HP 12	155	25	180	TYPE 1
HP 13 TO HP 15	150	5	155	TYPE 1
HP 16	170	25	195	TYPE 1
HP 17 TO HP 26	155	35	190	TYPE 1
HP 27	160	40	200	TYPE 1
HP 28	130	15	145	TYPE 1
HP 29 & HP 32	140	30	170	TYPE 1
HP 30 & HP 31	60	30	90	TYPE 2
HP 33 & 35	50	25	75	TYPE 2
HP 34	60	35	95	TYPE 2
HP 36 & HP 38	40	50	90	TYPE 2
HP 37	50	30	80	TYPE 2
HP 39, HP 41, HP 43 & HP 44	70	90	160	TYPE 1
HP 40 & HP 42	85	50	135	TYPE 1
HP 45 & HP 47	80	110	190	TYPE 1
HP 46	50	30	80	TYPE 2
HP 48 & HP 49	45	70	115	TYPE 1

- NOTE:
1. PROPOSED TYPES OF HELICAL PIERS ARE BASED ON A.B. CHANCE HELICAL PIERS AS PER DETAILS ON DRAWING S15 AND S16.
 2. PROVIDE BATTERED PIERS WHERE REQUIRED TO OBTAIN MINIMUM SPACING REQUIREMENTS FOR HELIX PLATES. MINIMUM SPACING REQUIREMENT TYPICALLY FIVE (5) TIMES THE LARGEST DIAMETER OF THE HELIX.

LEGEND:

■ HP-29 PROPOSED HELICAL PIER



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NO.	REVISION	DATE

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Project Name :
SCUGOG DEPOT WASH BAY

Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**

Job Descript. :
NEW WASH BAY ADDITION

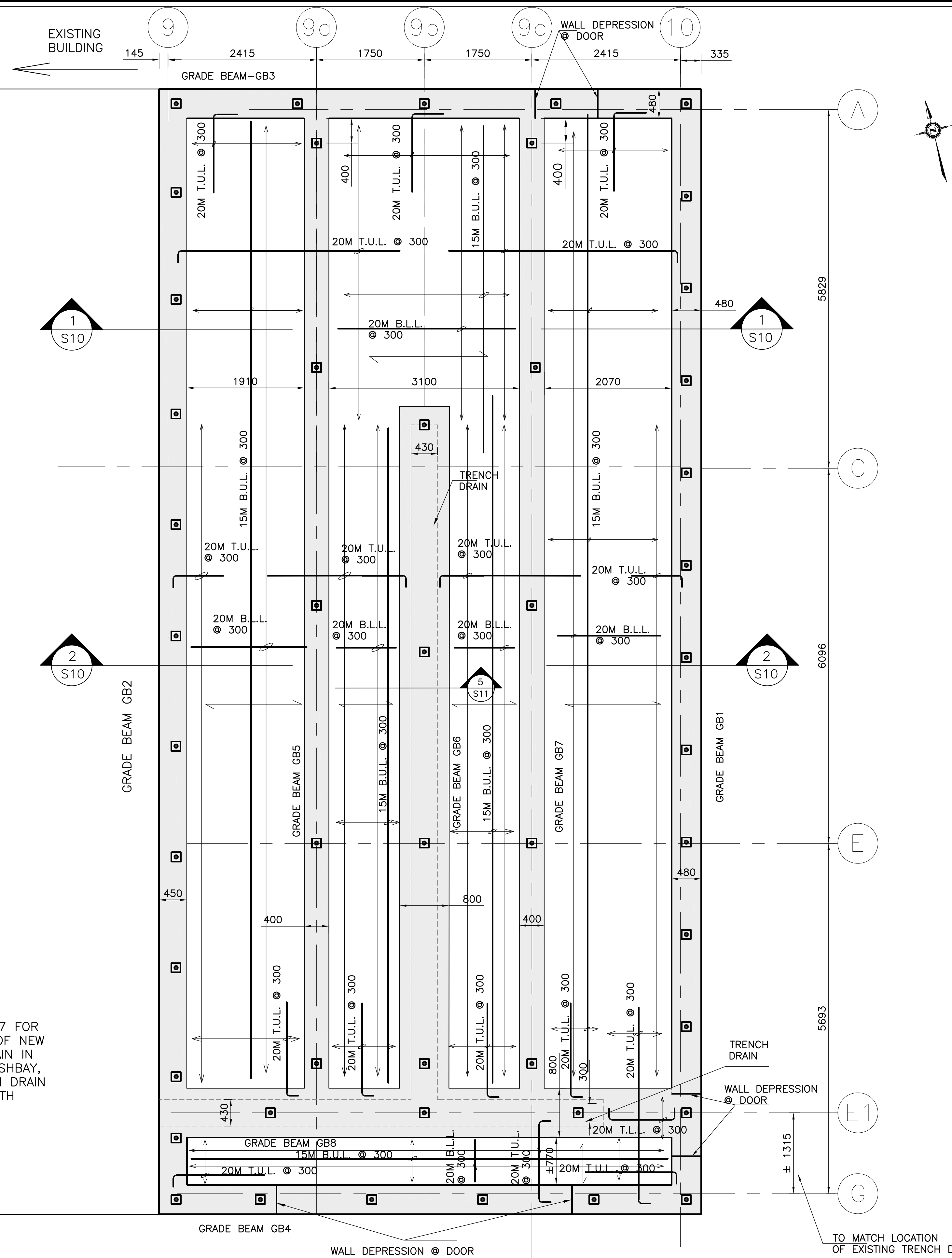
Foundation plan & Notes

Design:	A.T
DRAWN:	R.A
Approv.:	A.T.
Scale:	As Shown
Date:	OCT.04, 2018

Project No.
T-1017-2018

Job No.

Dwg.No.
S5
OF 16



REFER TO S7 FOR
EXTENSION OF NEW
TRENCH DRAIN IN
EXISTING WASHBAY,
NEW TRENCH DRAIN
TO ALIGN WITH
EXISTING

NOTE:
TOP TRANSVERSE REINFORCEMENTS ARE
NOT SHOWN FOR CLARITY. REFER TO S10.

LEGEND:

■ PROPOSED HELICAL PIER



1 S6 SLAB REINFORCEMENT LAYOUT
1:50

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NO.	REVISION	DATE

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Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**

Job Descript. :
NEW WASH BAY ADDITION

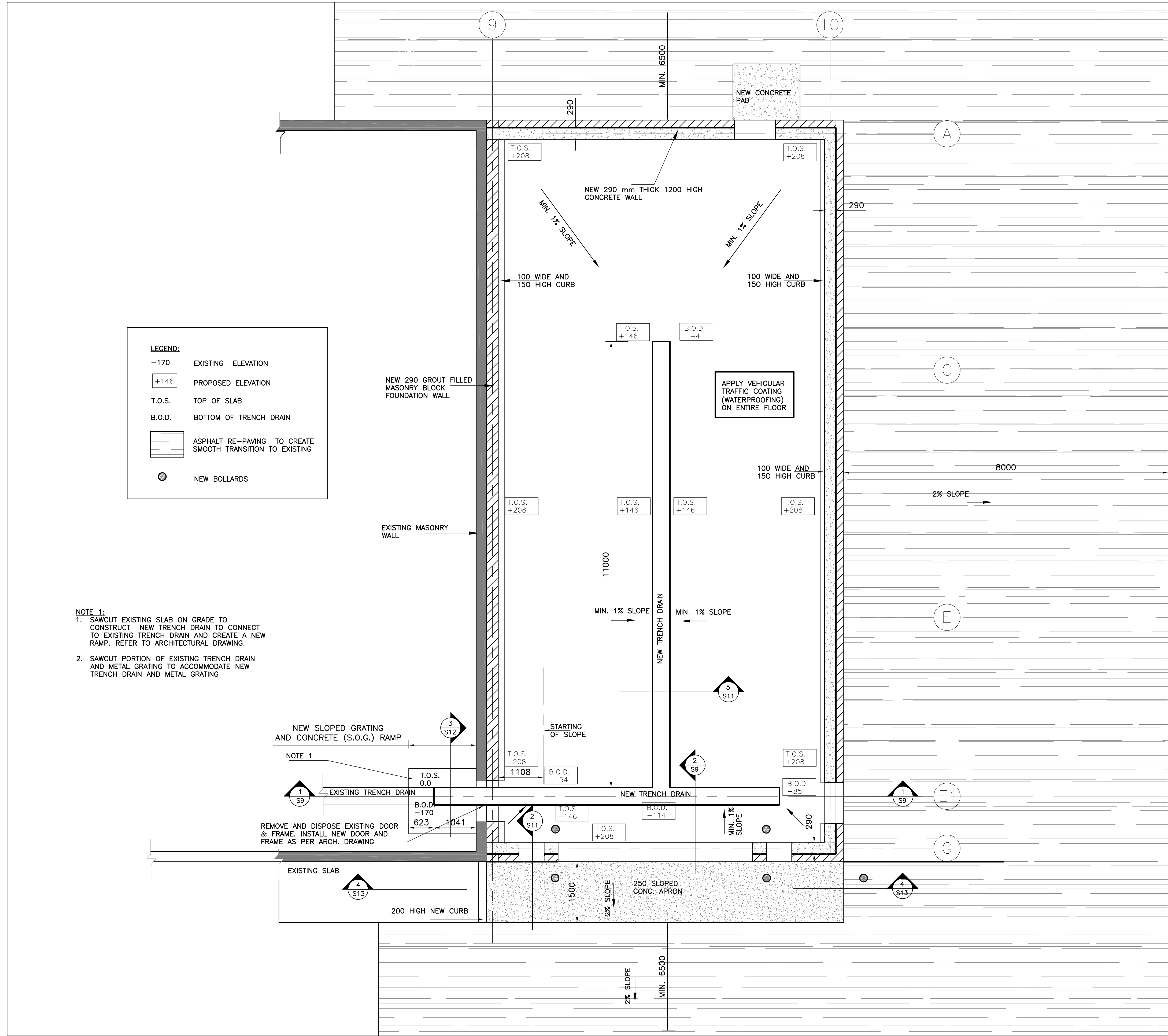
Slab Reinforcement Layout

Design:	A.T.
DRAWN:	R.A.
Approv.:	A.T.
Scale:	As Shown
Date:	OCT. 04, 2018

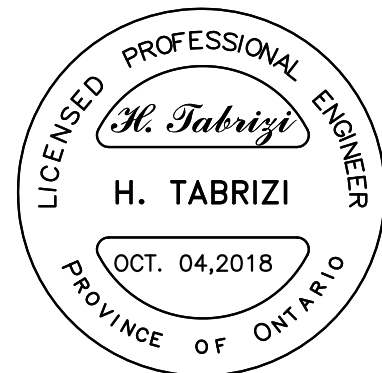
Project No.
T-1017-2018

Job No.

Dwg.No.
S6
OF 16

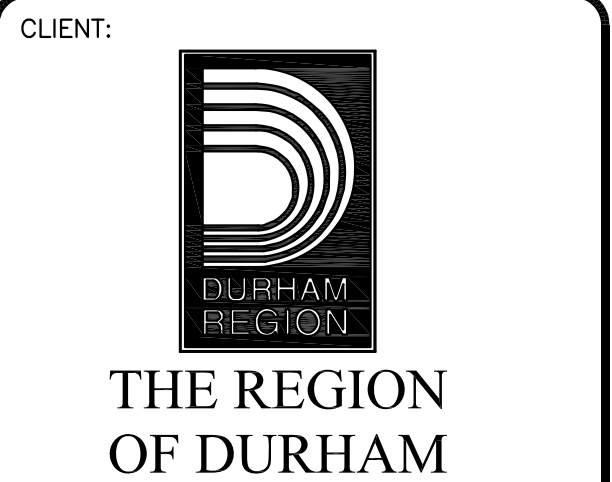


1
S7
GROUND FLOOR PLAN
1:50



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NO.	REVISION	DATE

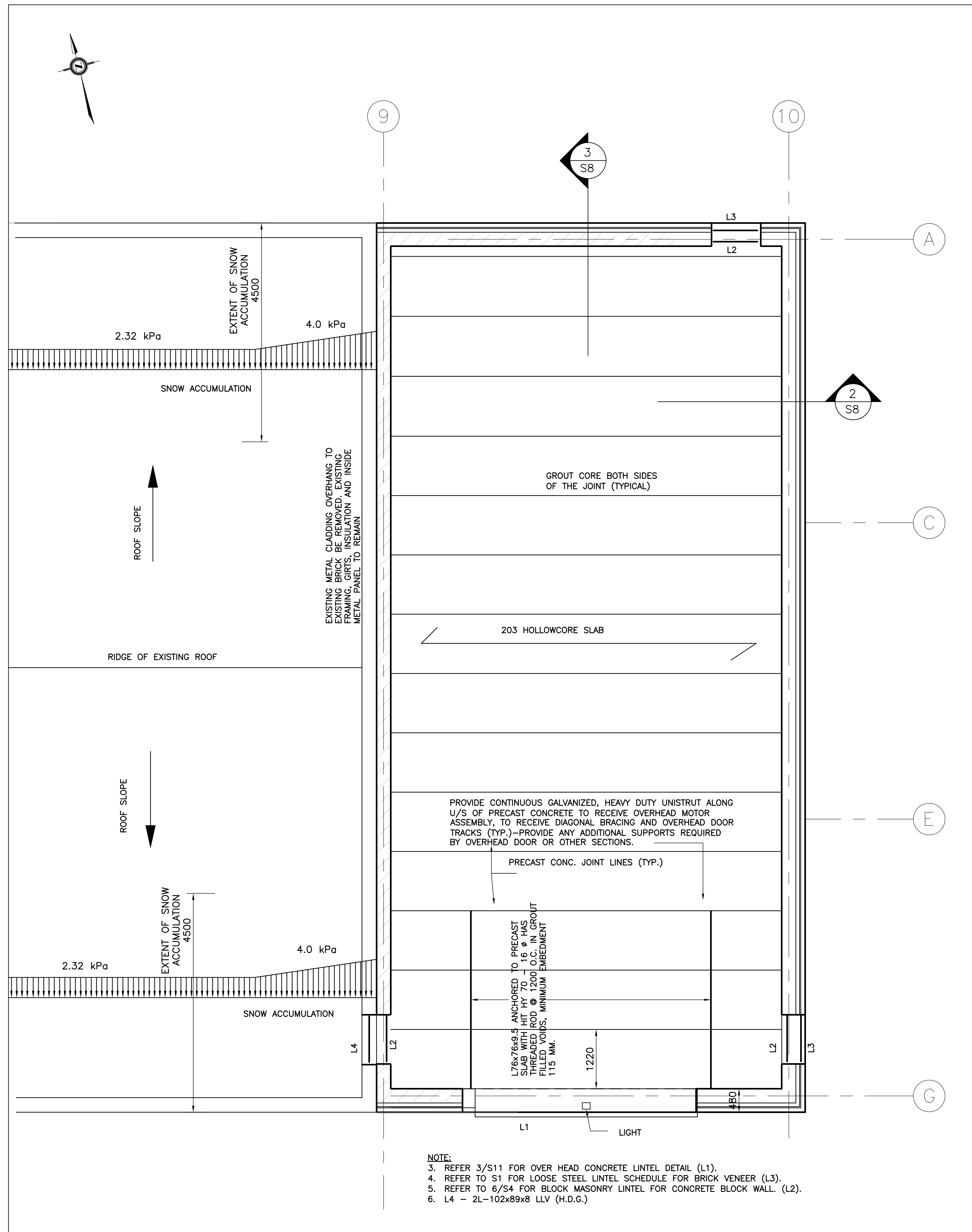
NOTE:
CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME, REPORTING ANY DISCREPANCIES TO THE OWNER, BEFORE TENDER CLOSING.
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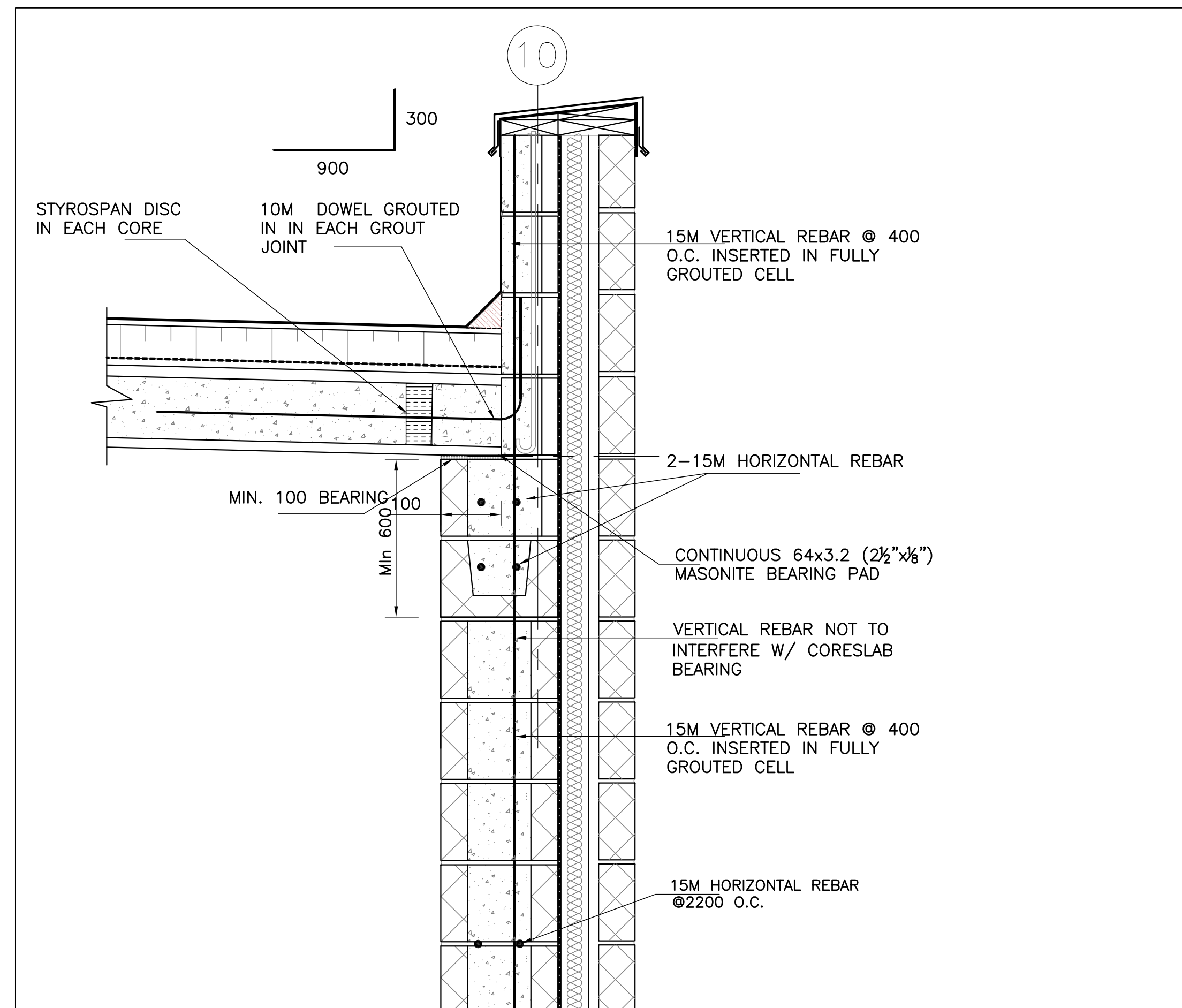
Project Name :
SCUGOG DEPOT WASH BAY
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
NEW WASH BAY ADDITION
Ground F1 Plan & Details

Design:	A.T.
DRAWN:	R.A.
Approv.:	A.T.
Scale:	As Shown
Date:	OCT. 04, 2018

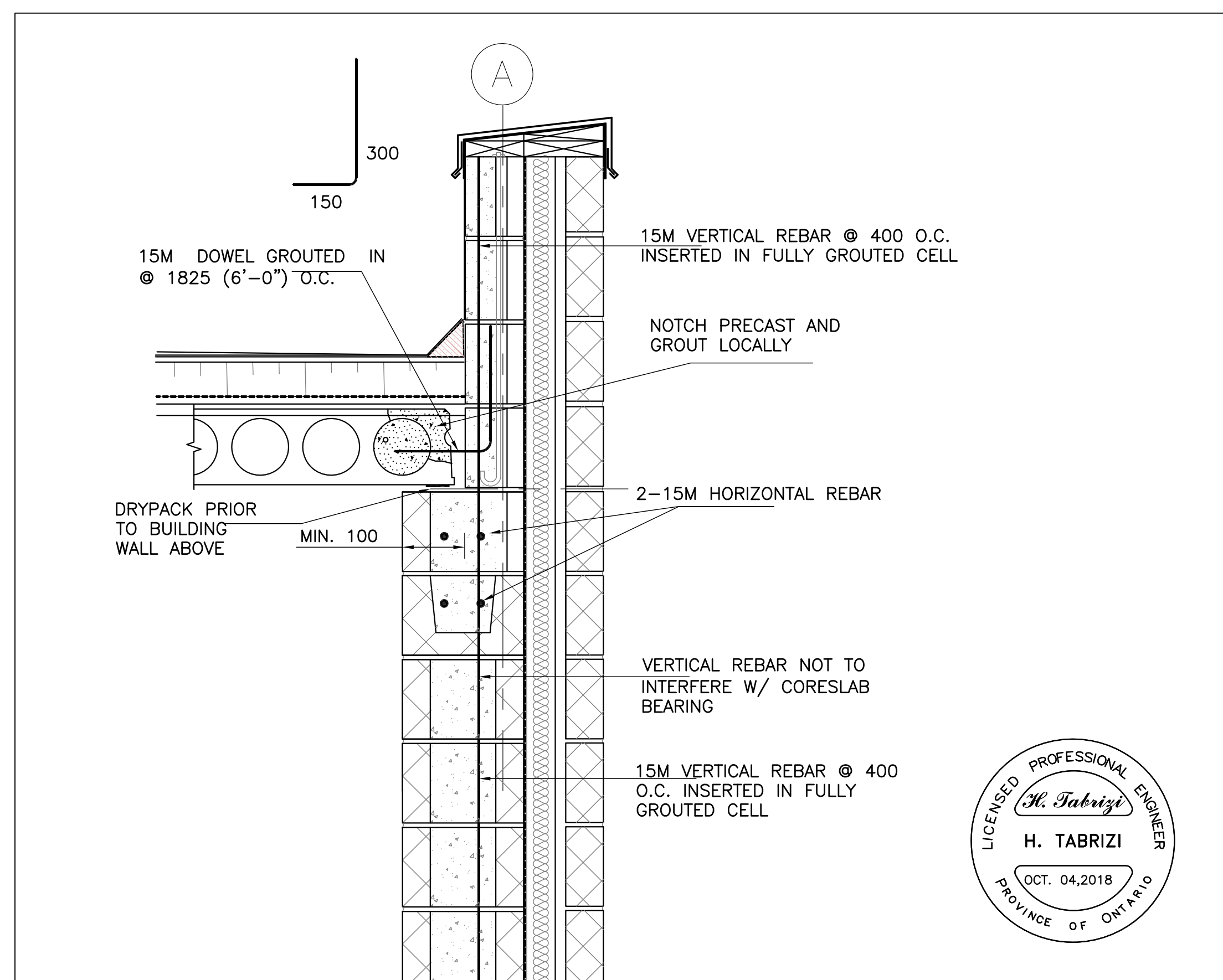
Project No.	Dwg.No.
T-1017-2018	S7
Job No.	OF 16



1 ROOF FRAMING PLAN
S8 1:50



2 PRECAST SLAB CONNECTION ON LOAD BEARING WALL
S8 1:10



3 PRECAST SLAB CONNECTION ON NON-LOAD BEARING WALL
S8 1:10

4		
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NO.	REVISION	DATE

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Project Name :
SCUGOG DEPOT WASH BAY

Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**

Job Descript. :
NEW WASH BAY ADDITION

ROOF PLAN & SECTIONS

Design:	A.T
DRAWN:	R.A
Approv.:	A.T.
Scale:	As Shown
Date:	OCT. 04, 2018

Project No.
T-1017-2018

Job No.

Dwg.No.
S8
OF 16



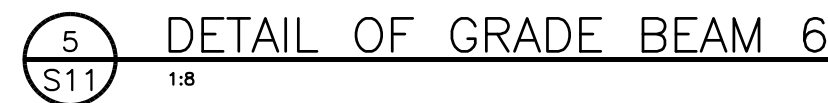
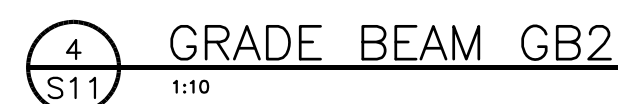


Project No. T-1017-2018	Dwg. No. S9
Job No.	OF 16

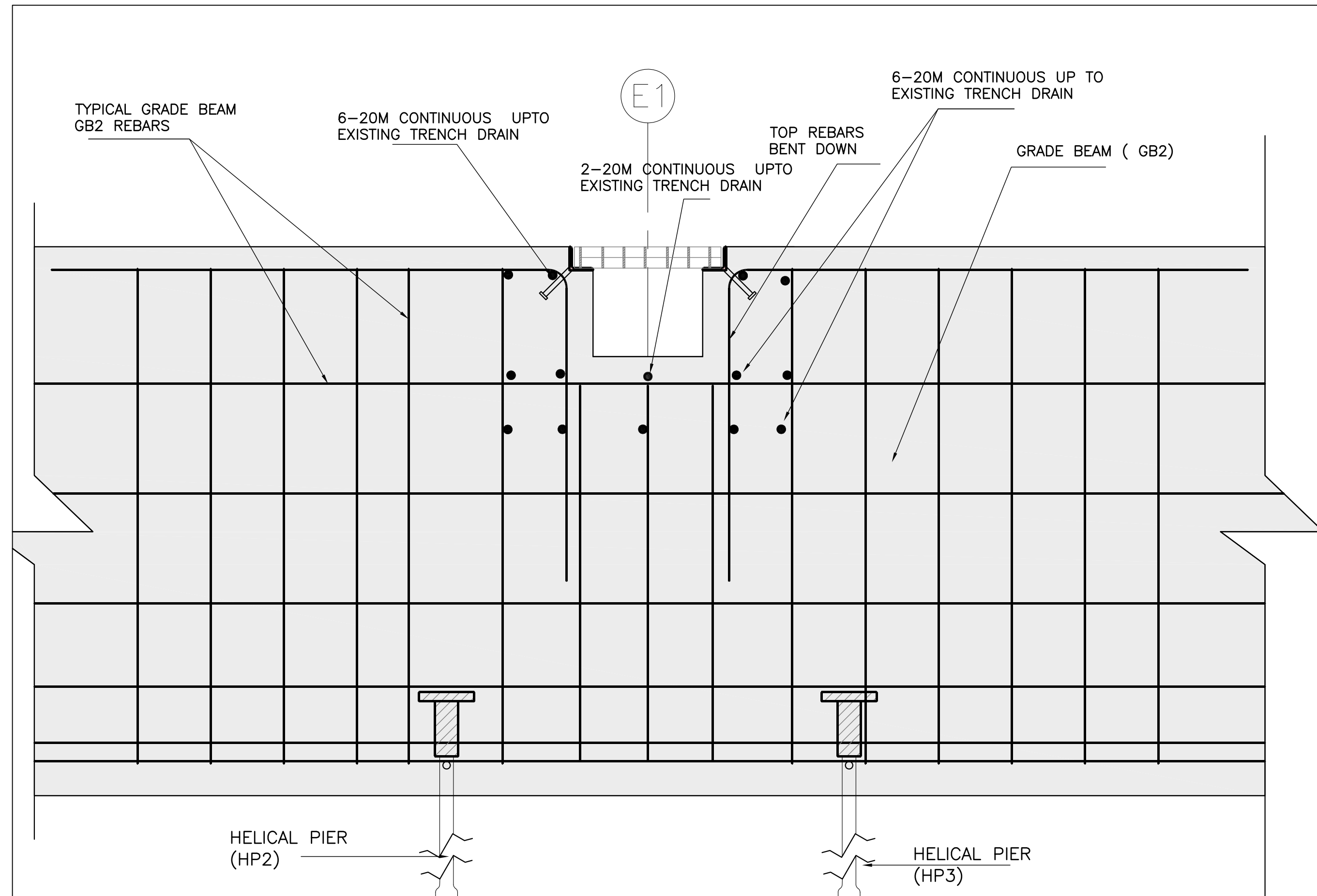
OF 16

OF 16

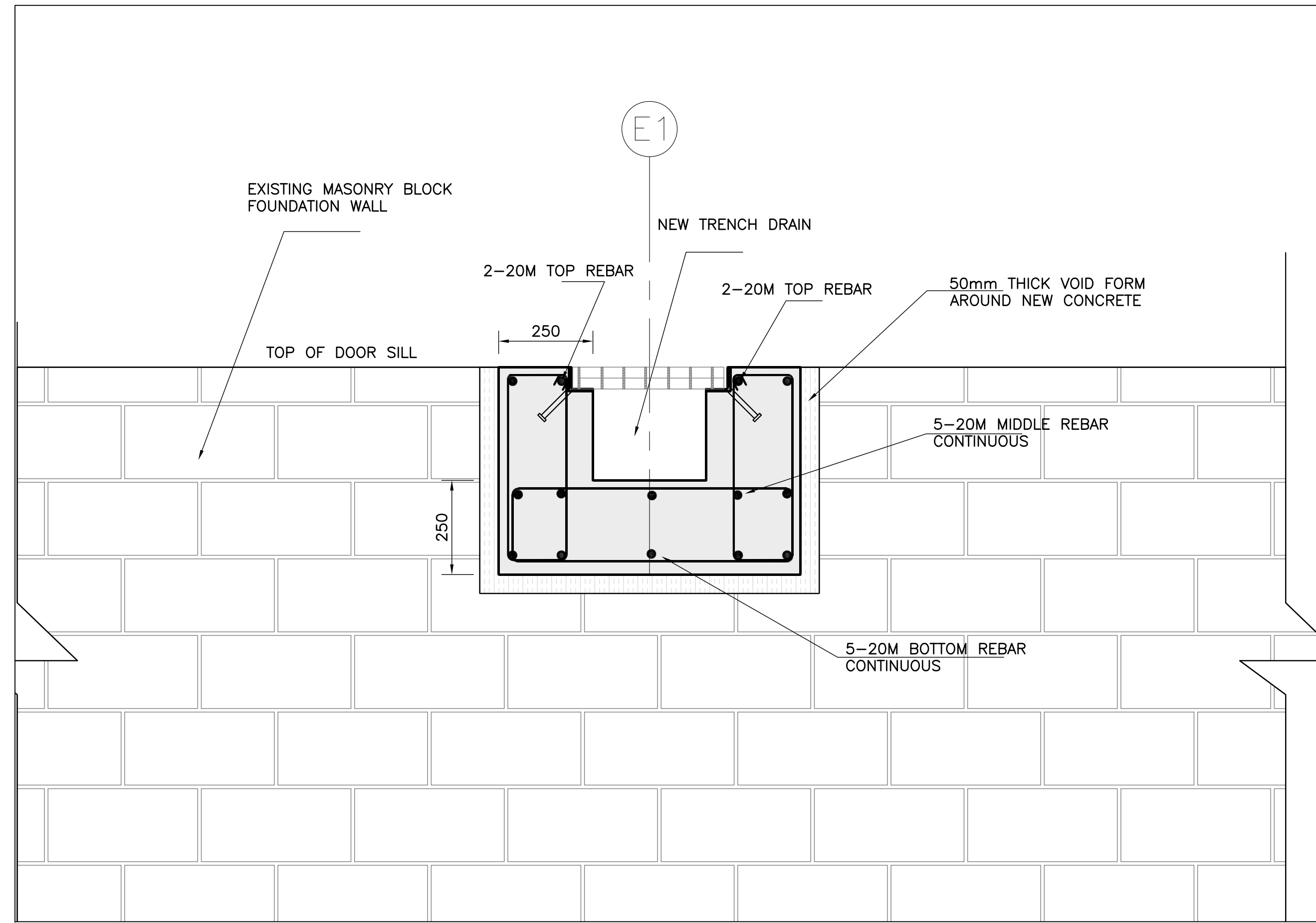
OF 16



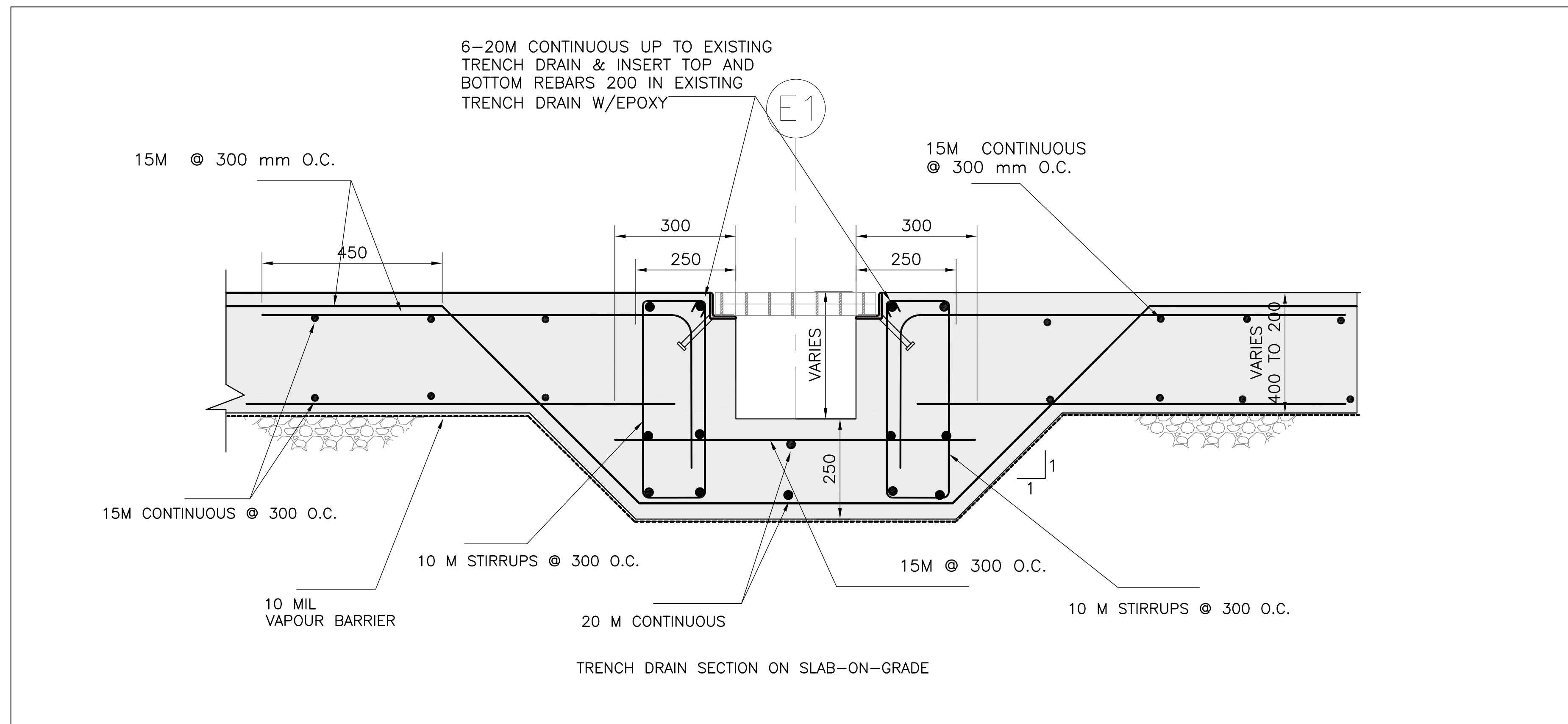
611
OF 16



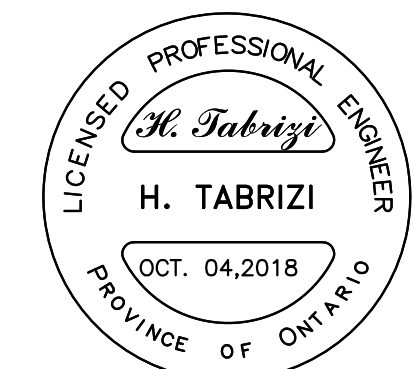
1
S12
1:10
TRENCH DRAIN SECTION ACROSS GRADE BEAM (GB2)



2
S12
1:10
TRENCH DRAIN SECTION ACROSS EXIST. WALL



3
S12
1:8
TRENCH DRAIN SECTION ACROSS NEW RAMP



4		
3		
2		
1		
NO.	REVISION	DATE

NOTE:
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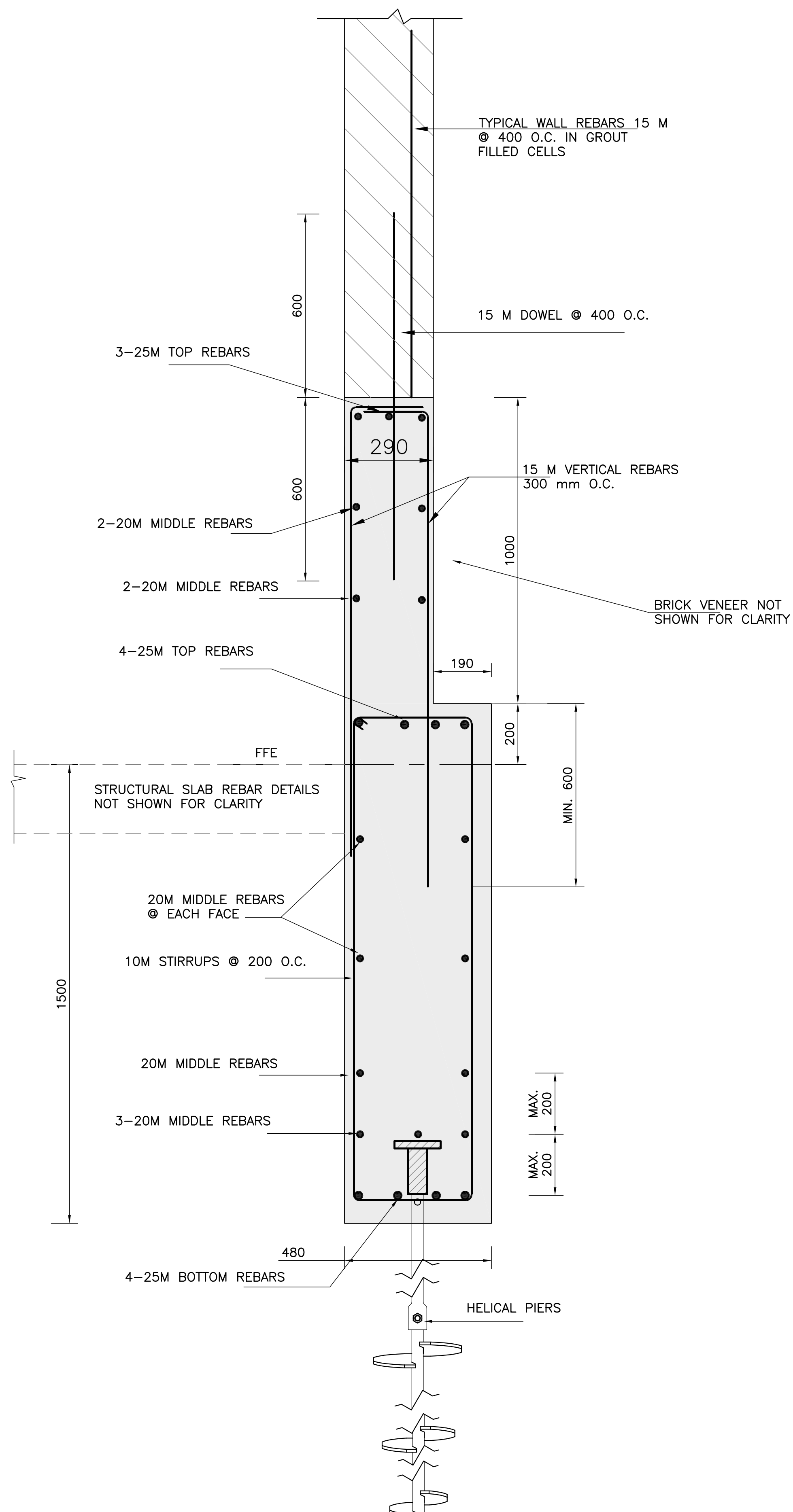


Project Name :
SCUGOG DEPOT WASH BAY
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
NEW WASH BAY ADDITION

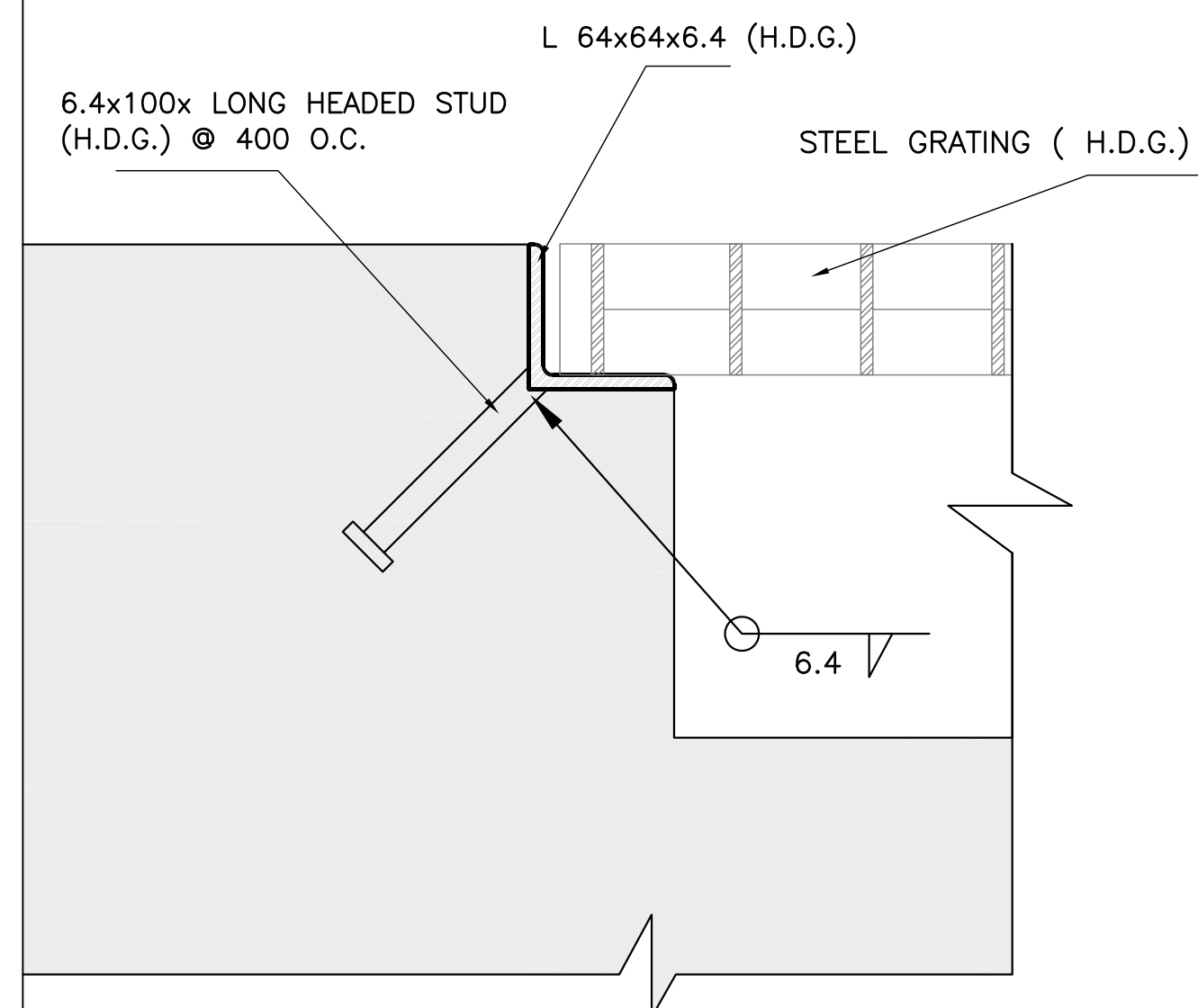
DETAILS

Design:	A.T.
DRAWN:	R.A.
Approv.:	A.T.
Scale:	As Shown
Date:	OCT.04, 2018

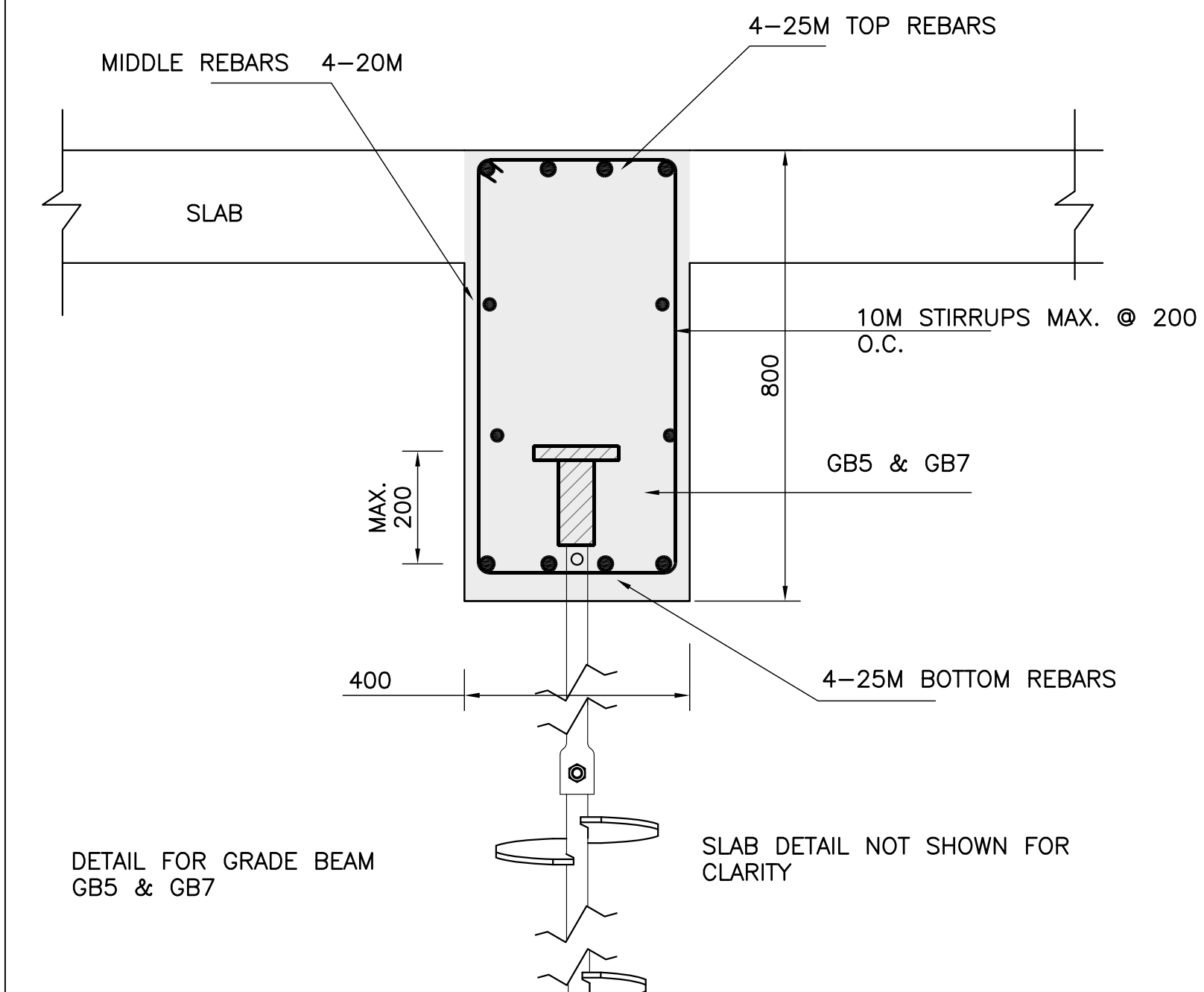
Project No.	Dwg.No.
T-1017-2018	S12
Job No.	OF 16



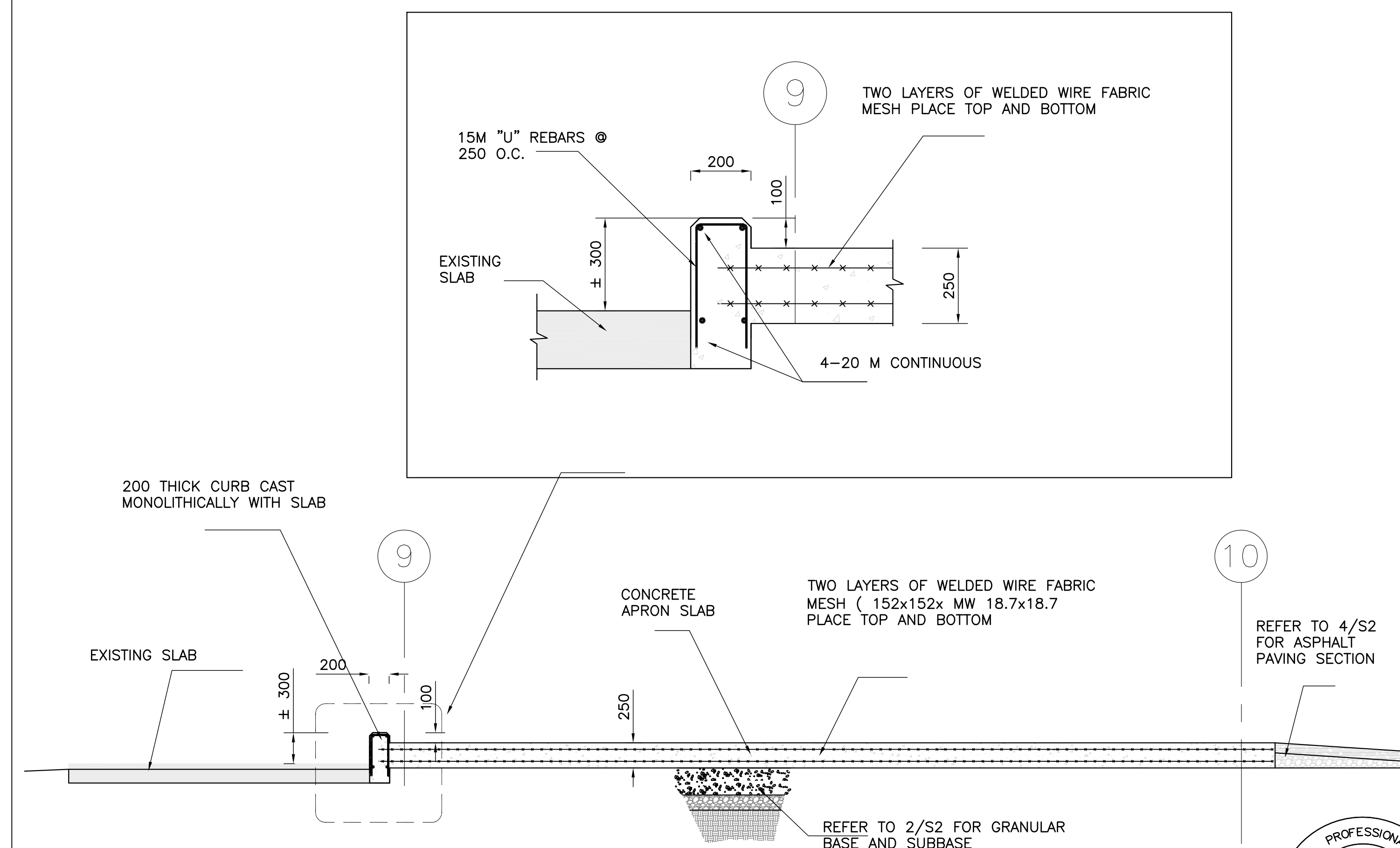
1
S13 1:10 GRADE BEAM DETAIL ON GRID 10, A & G



2
S13 1:5 SECTION @ TRENCH DRAIN



3
S16 1:5 GRADE BEAM DETAIL OF GB5 & GB7



4
S13 N.T.S. APRON SLAB SECTION

4		
3		
2		
1		
NO.	REVISION	DATE

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CLIENT:



THE REGION
OF DURHAM

TABCON

TABCON
CONSULTING INC

494 McNicoll Avenue, Suite # 201
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Tel. : (647) 974-7006
Fax : +1(888) 327-8107
Web Site : www.tabcon.com

Project Name :
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Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
NEW WASH BAY ADDITION

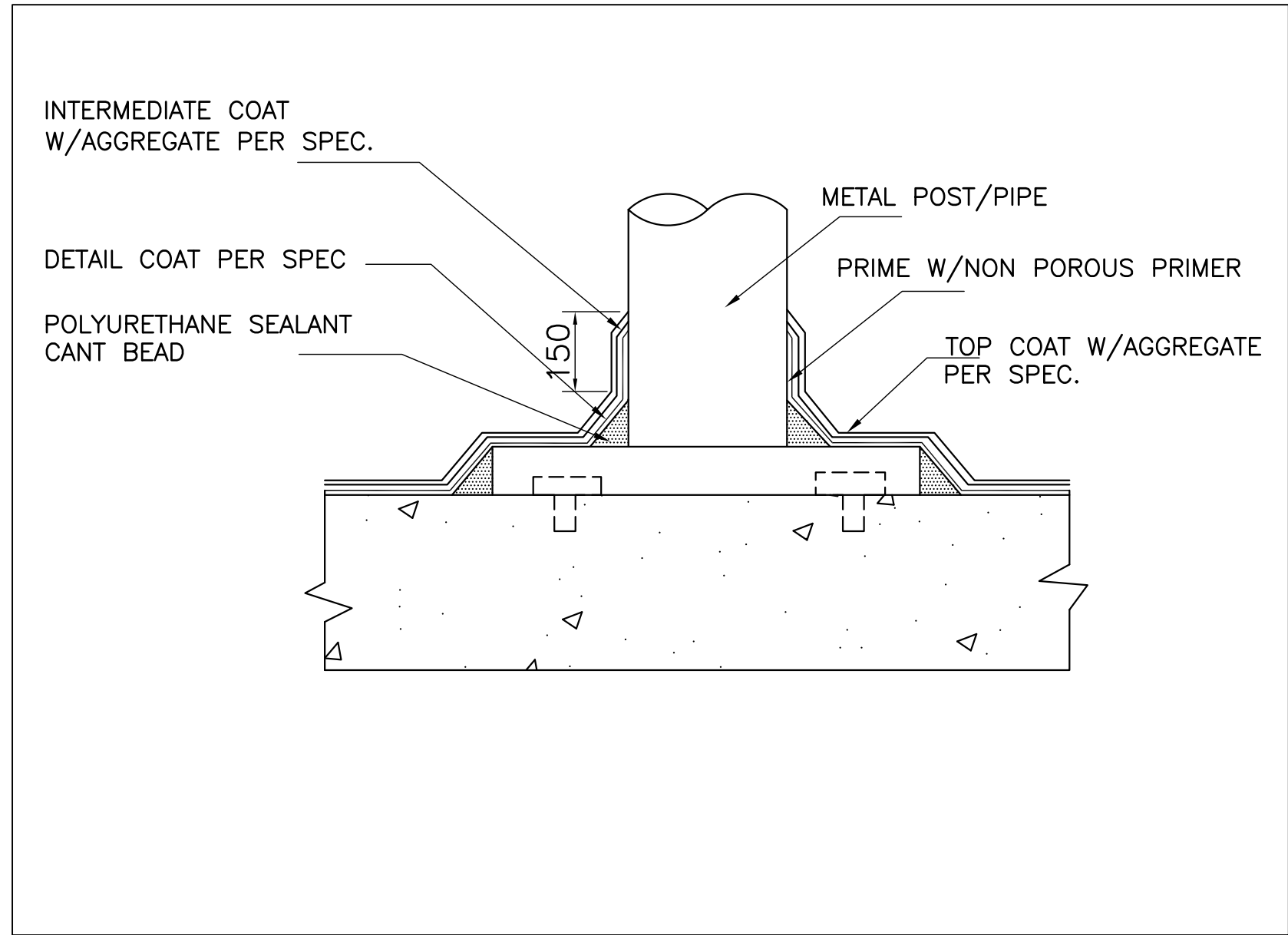
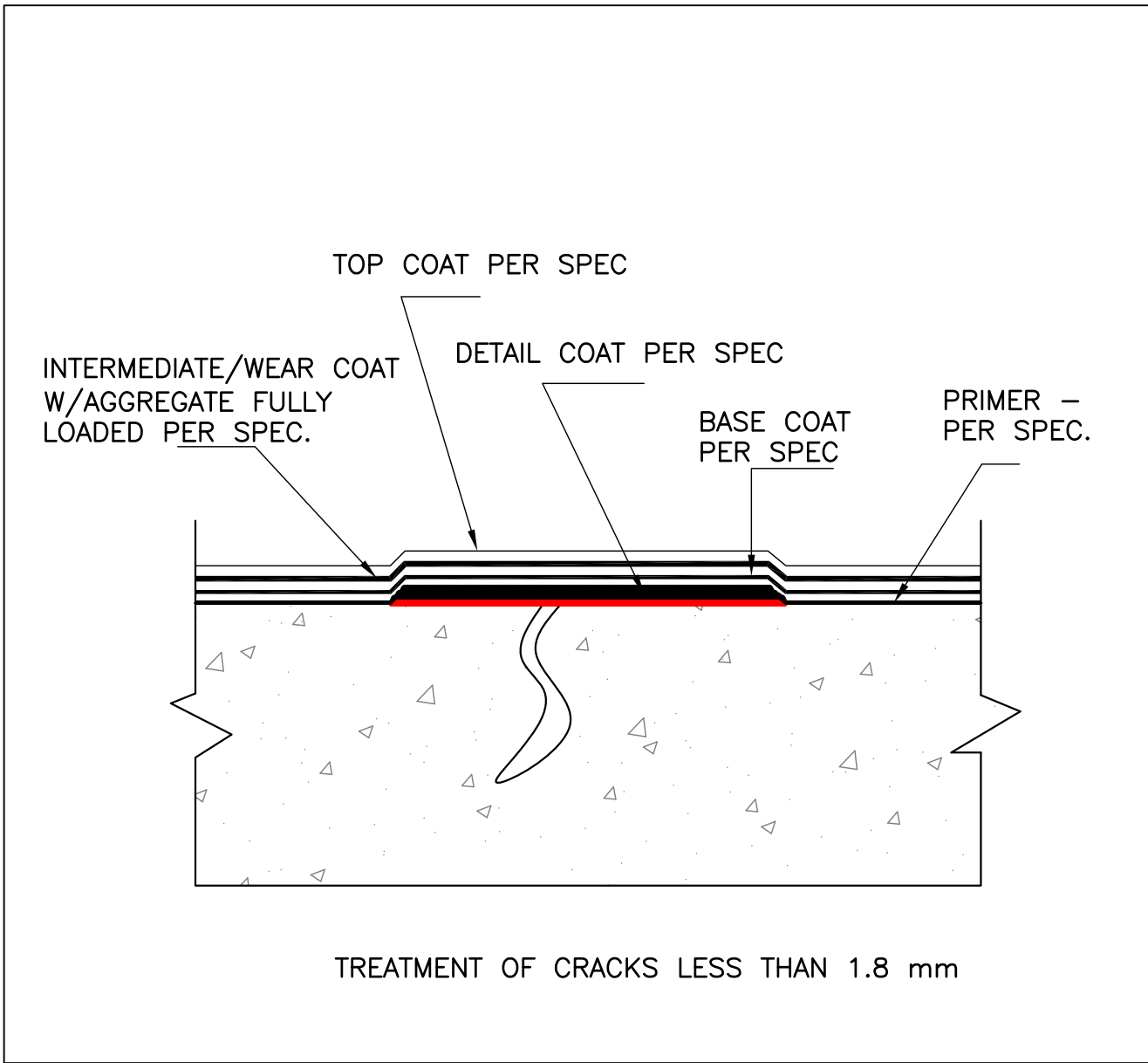
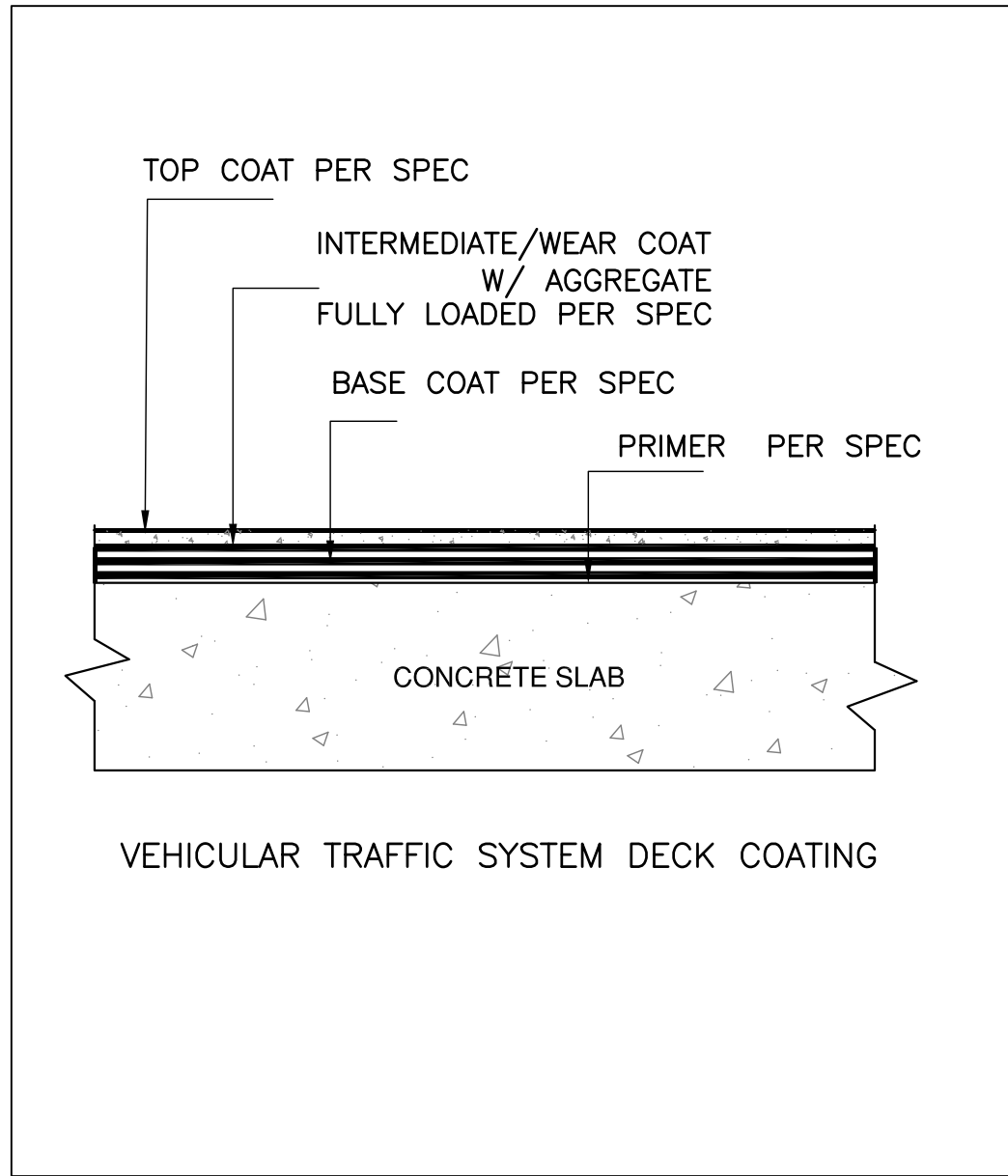
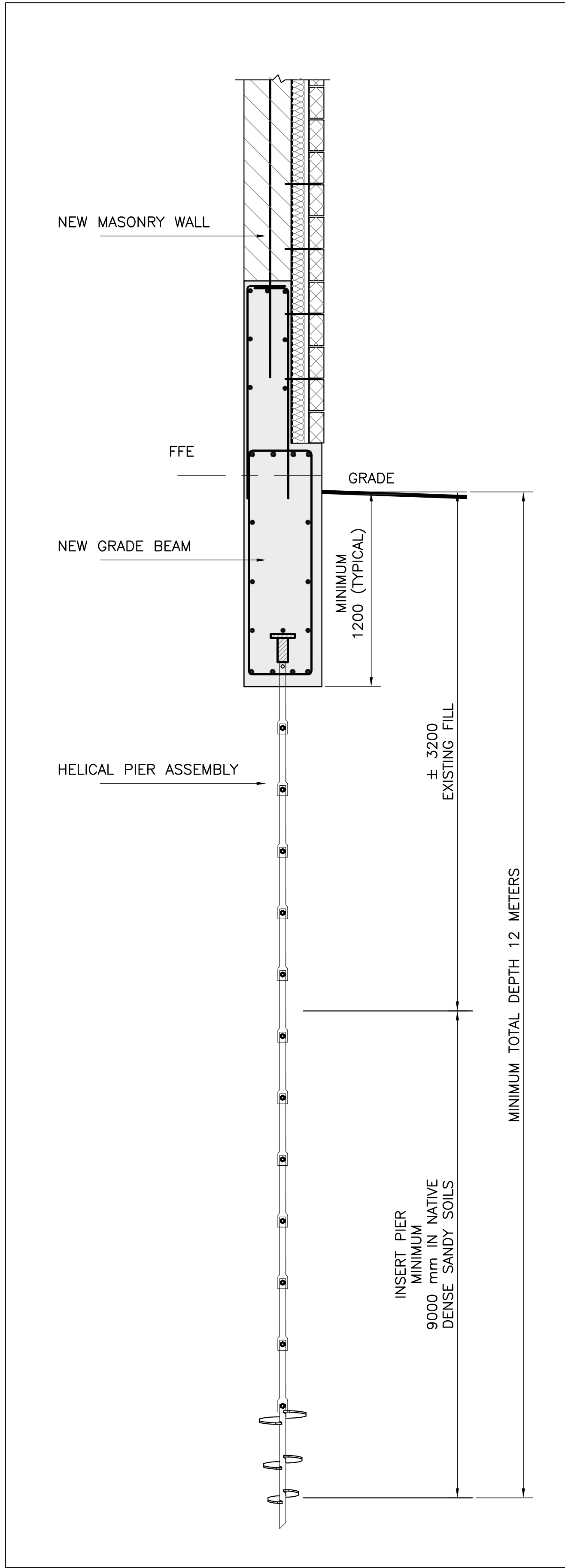
SECTIONS & DETAILS

Design: A.T.
DRAWN: R.A.
Approv.: A.T.
Scale: As Shown
Date: OCT.04, 2018

Project No.
T-1017-2018
Job No.

Dwg.No.
S13
OF 16

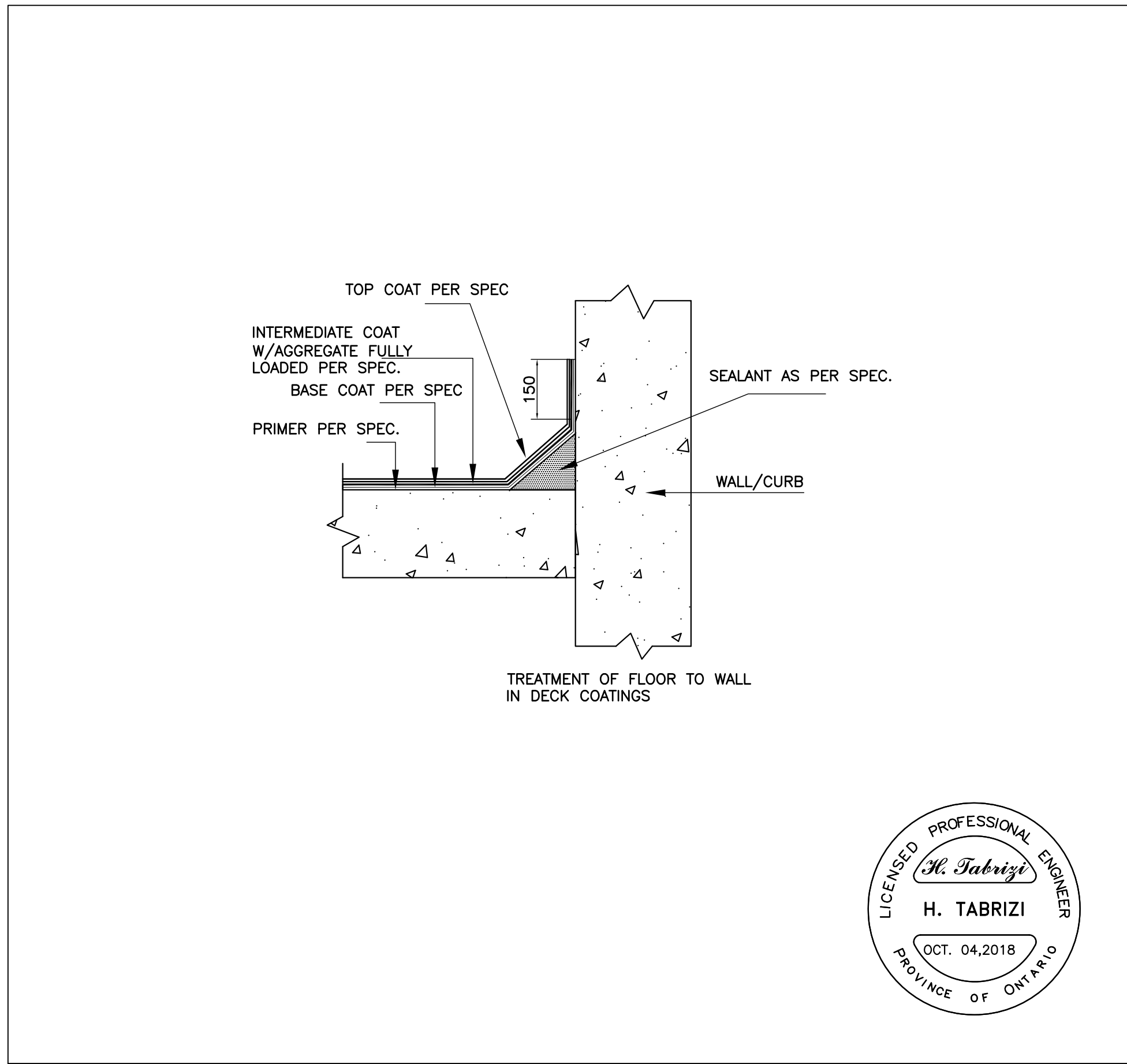
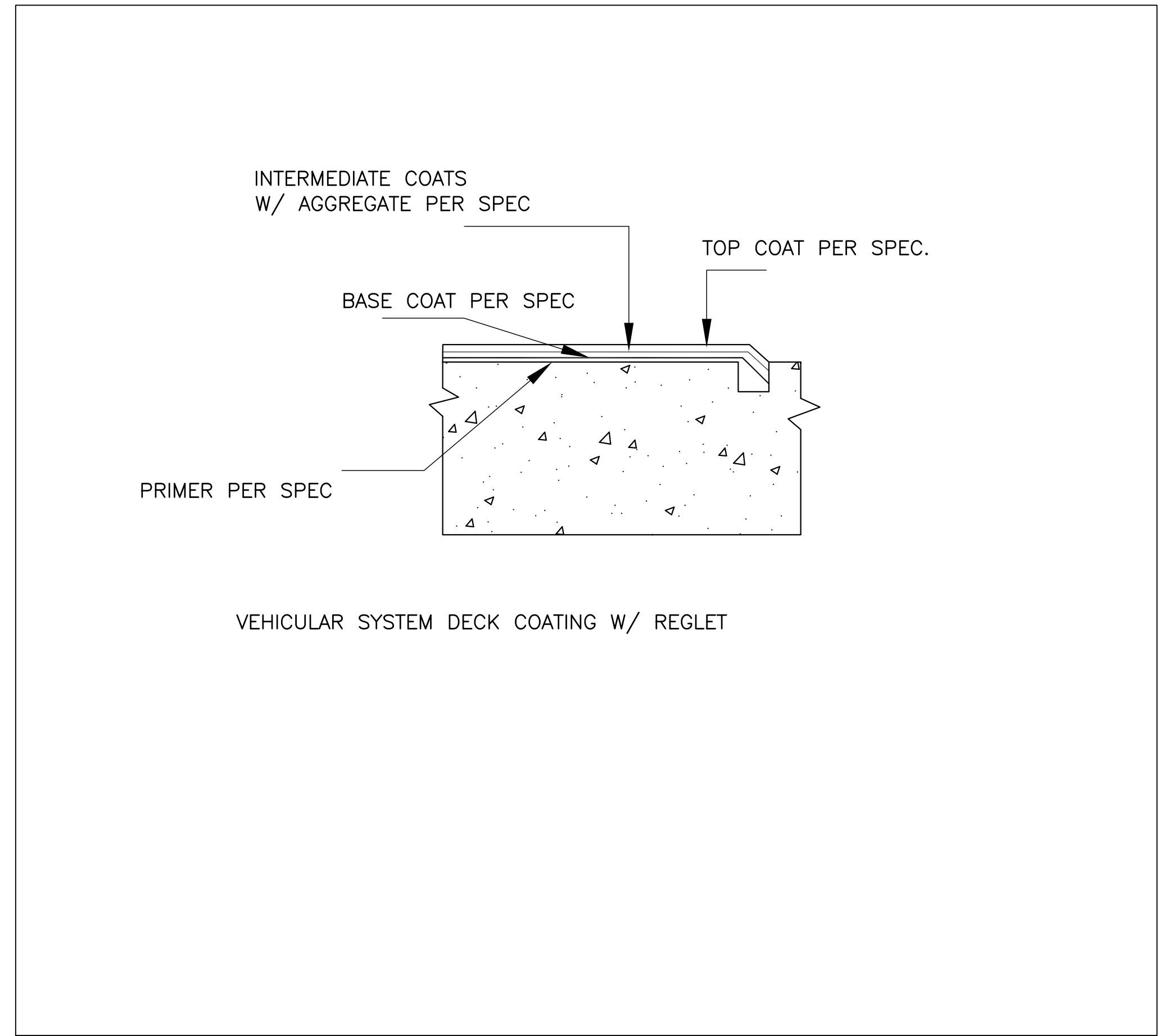




2 TYPICAL WATERPROOFING DETAIL
S14

3 TYPICAL CRACK TREATMENT DETAIL
S14

4 MEMBRANE TERMINATION DETAIL @ METAL PIPE/POST
S14



1 TYPICAL HELICAL PIER ELEVATION
S14 1:20

5 MEMBRANE TERMINATION @ REGLET
S14

6 MEMBRANE UPTURN DETAIL @ WALL
S14

4		
3		
2		
1		
NO.	REVISION	DATE

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Project Name :
SCUGOG DEPOT WASH BAY

Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**

Job Descript. :
NEW WASH BAY ADDITION

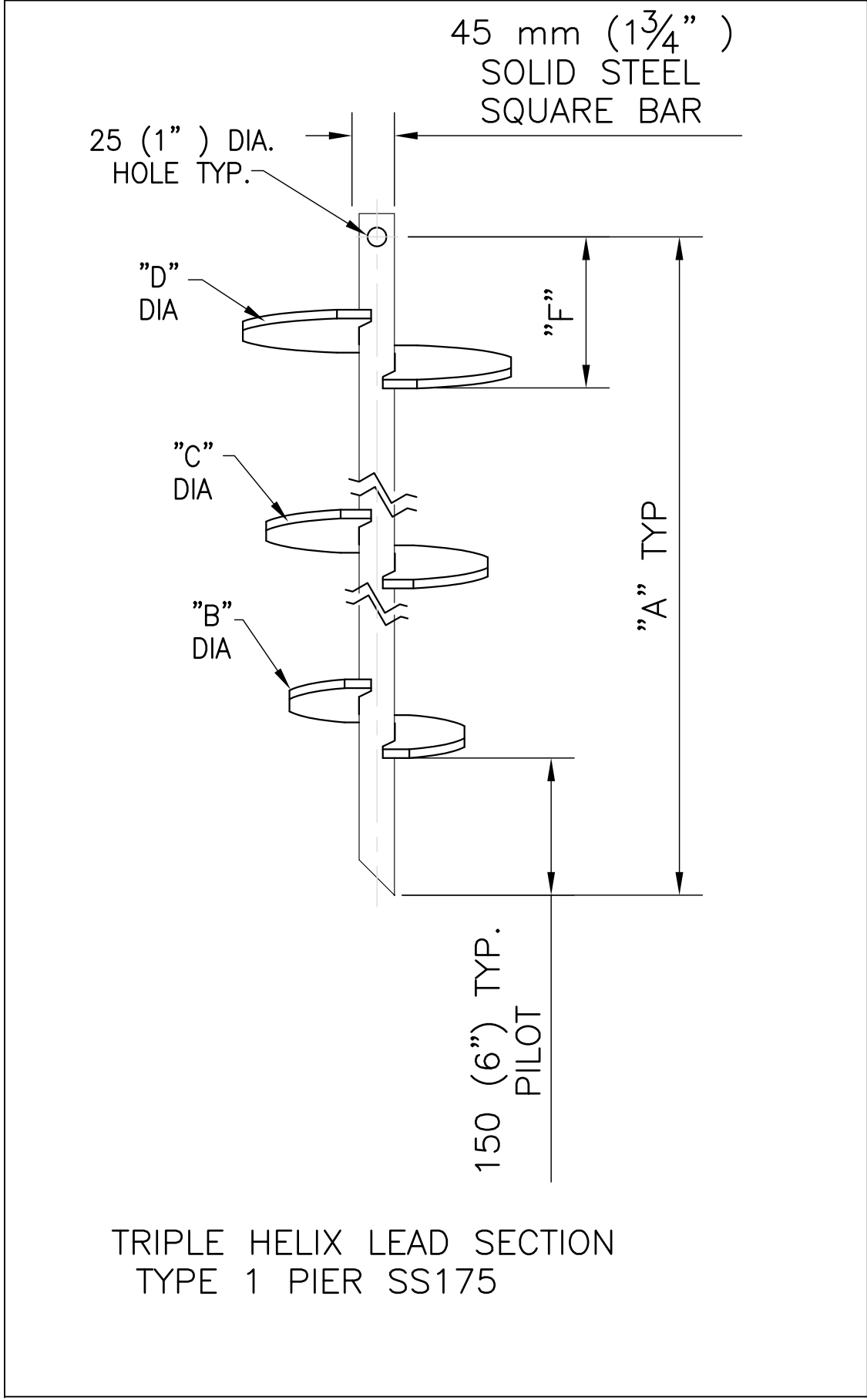
SECTION & DETAILS

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DRAWN:	R.A
Approv.:	A.T.
Scale:	As Shown
Date:	OCT. 04, 2018

Project No.
T-1017-2018

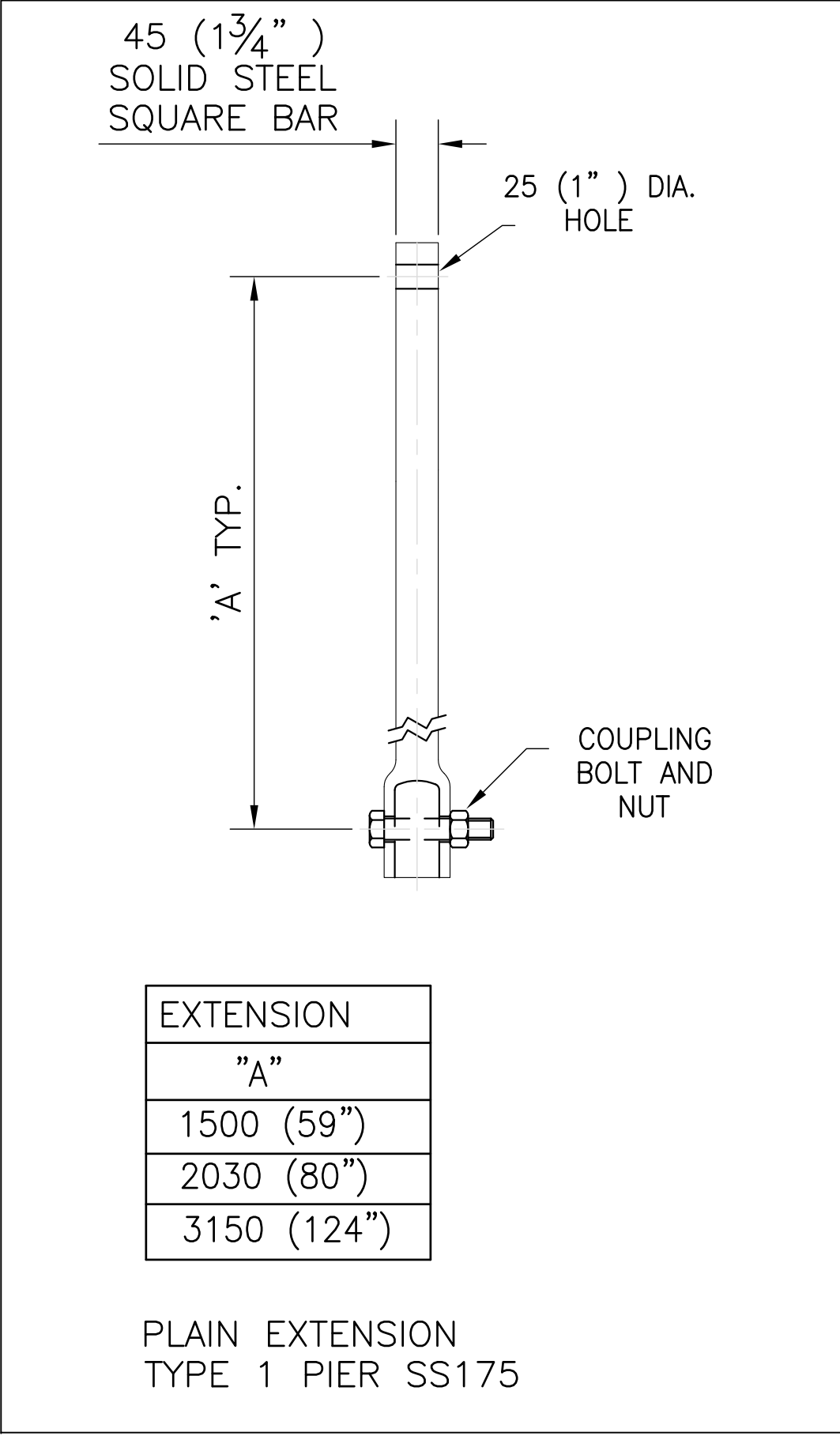
Job No.

Dwg.No.
S14
OF 16



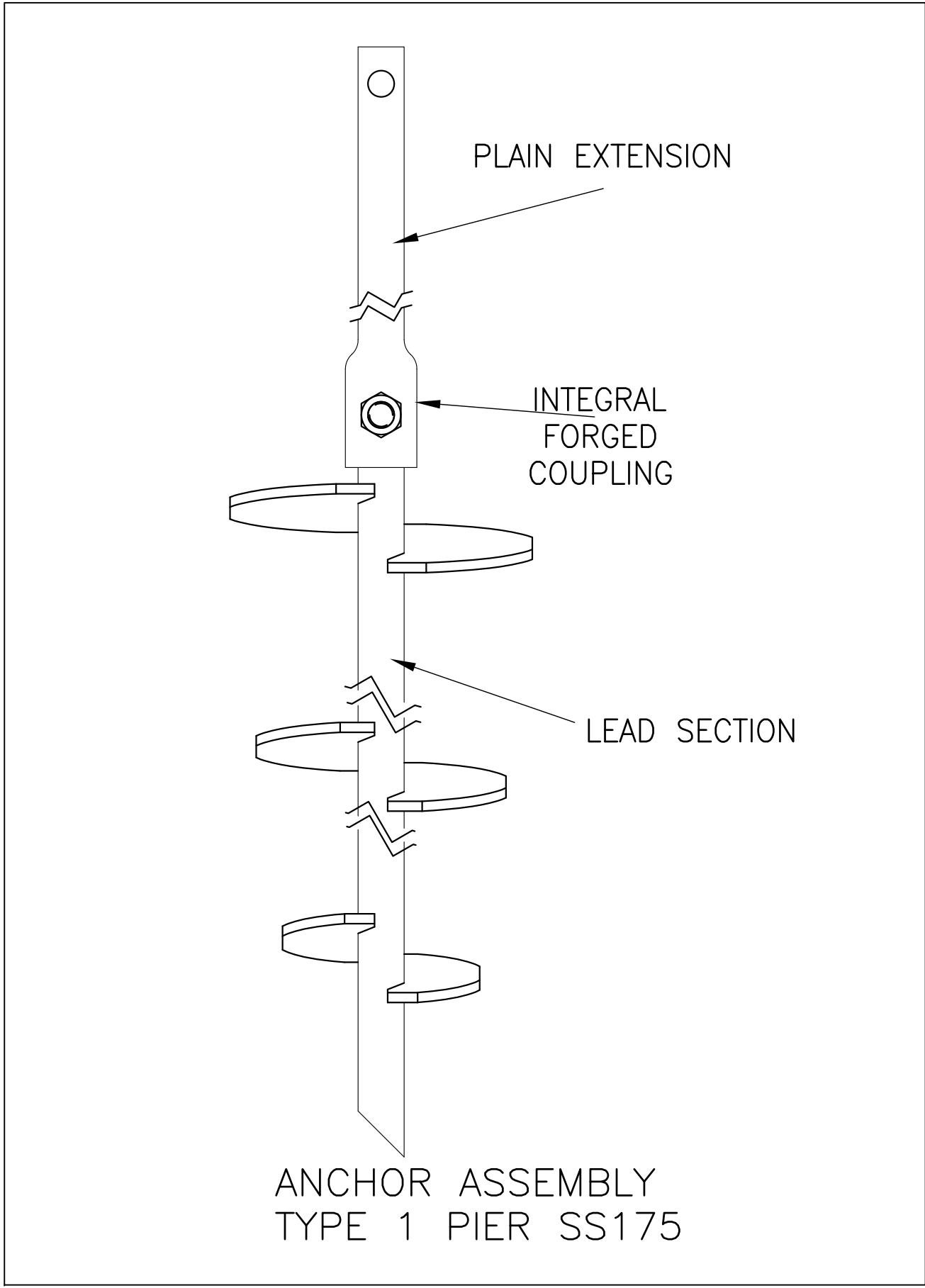
1
S15
N.T.S.

TRIPLE HELIX LEAD SECTION (TYPE 1)



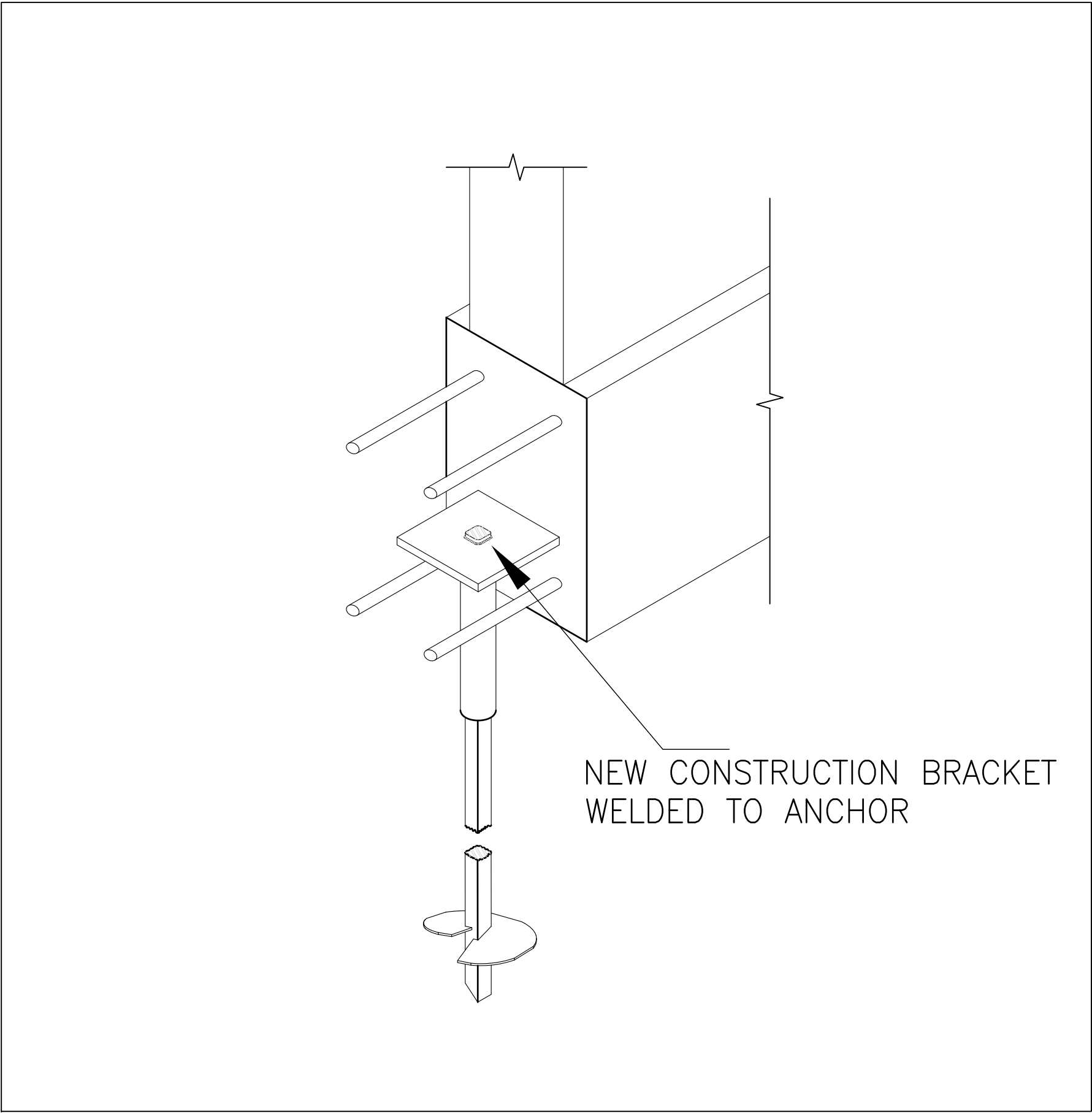
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S15
N.T.S.

PLAIN EXTENSION (TYPE 1)



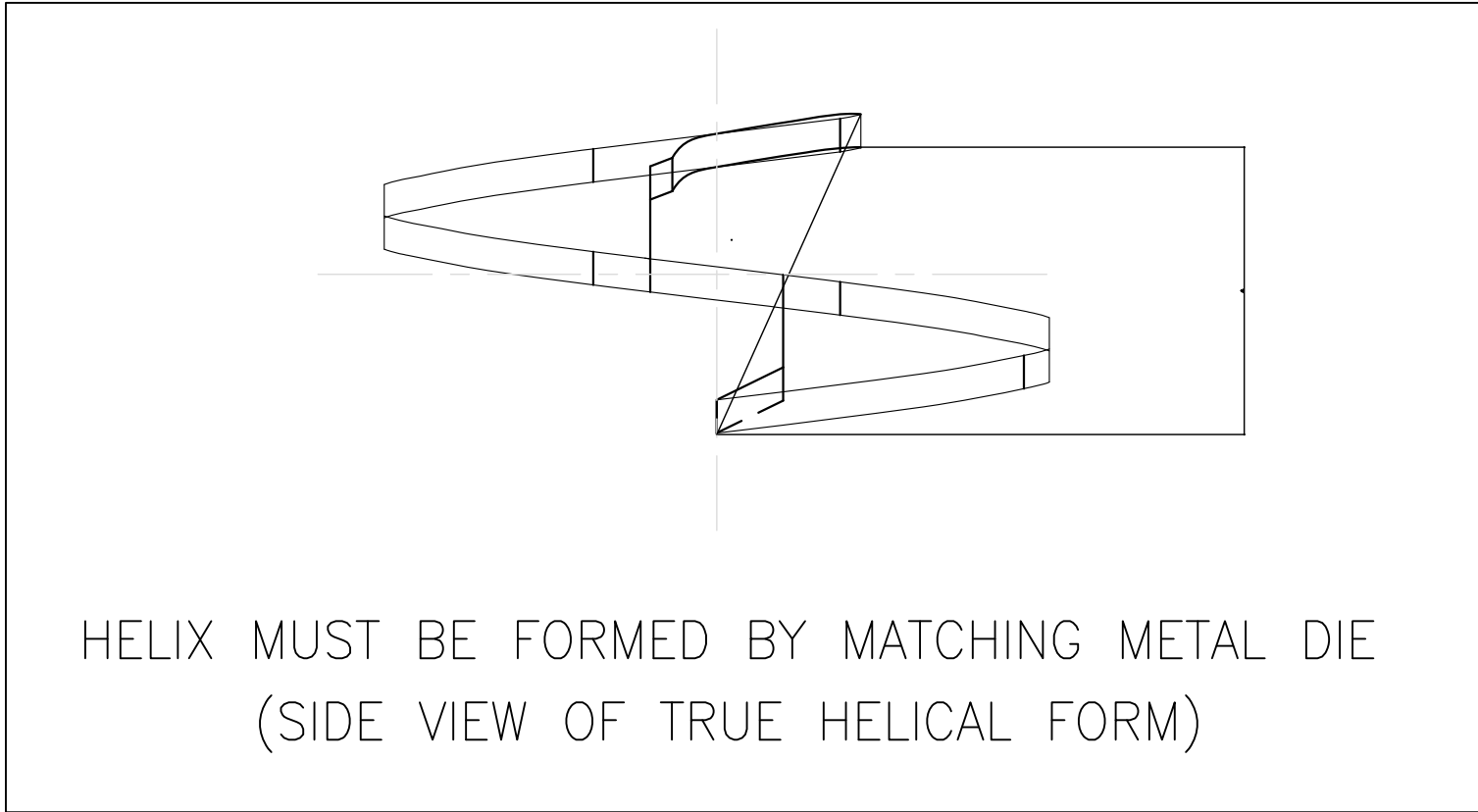
3
S15
N.T.S.

TYPICAL ANCHOR ASSEMBLY (TYPE 1)



4
S15
N.T.S.

PIER CAP INSTALLATION DETAIL (TYPE 1)

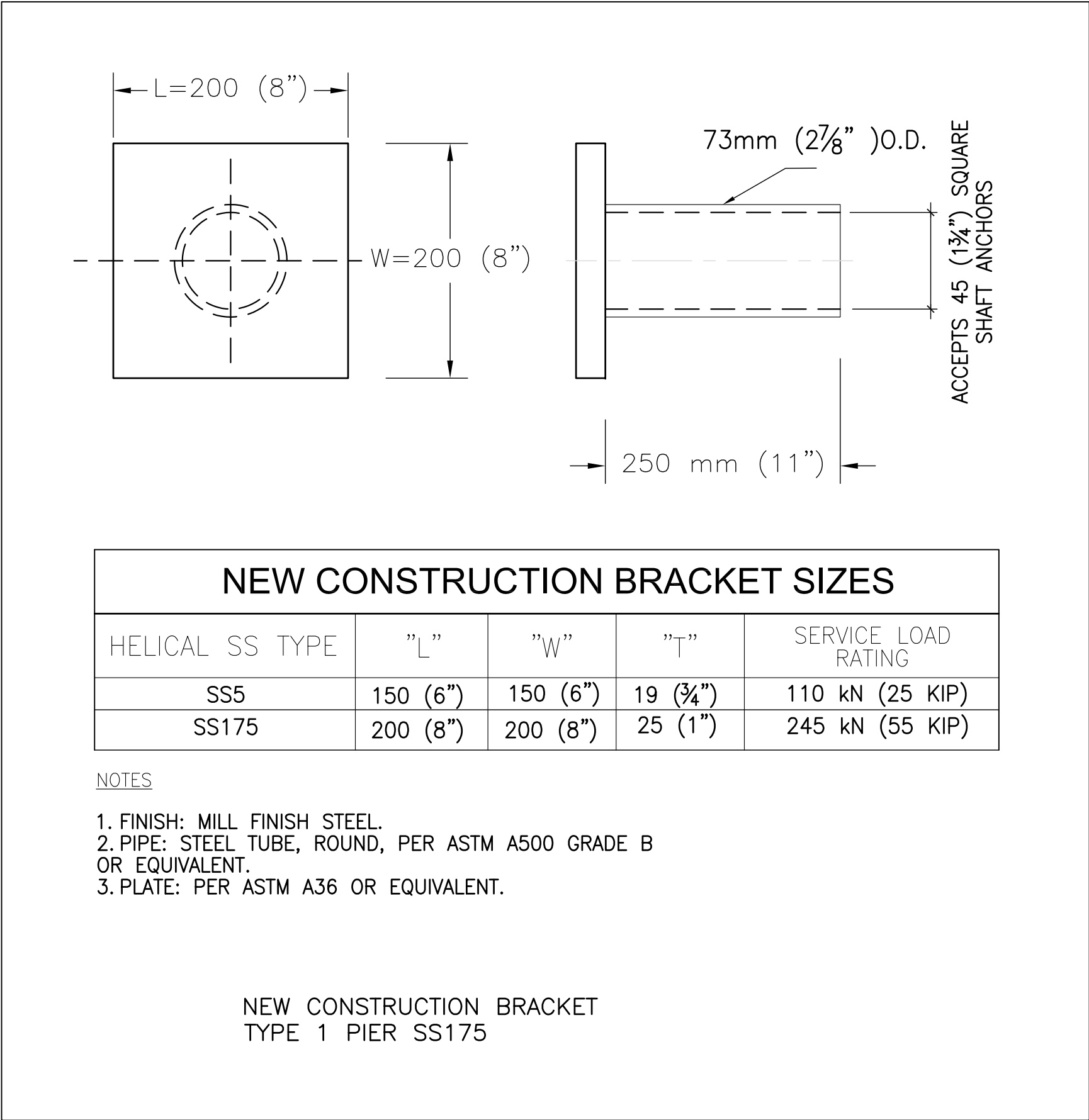


5
S15
N.T.S.

SIDE VIEW OF TRUE HELCAL FORM

NOTES ON HELICAL PIERS:

- THIS HELICAL PIER DETAIL IS BASED ON A.B. CHANCE HELICAL PIER SYSTEM, ALTERNATE PRODUCT TO BE APPROVED BY THE CONSULTANT SUBJECT TO REVIEW OF ALTERNATE PRODUCT FOR COMPLIANCE.
- ACHIEVABLE CAPACITIES COULD BE HIGHER OR LOWER THAN RATINGS DUE TO SITE-SPECIFIC CONDITIONS. ON SITE LOAD TESTING SHOULD BE PERFORMED TO CONFIRM ADDITIONAL PILE/ANCHOR CAPACITIES.
- INSTALLED CAPACITIES TO BE VERIFIED ON SITE BY A PROFESSIONAL ENGINEER LICENSED IN ONTARIO.
- THESE DETAILS ARE FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR TO PROVIDE SHOP DRAWING STAMPED/SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN ONTARIO, FOR CONSULTANT'S REVIEW.
- HELICAL MANUFACTURER/INSTALLER SHALL ALSO REFER TO THE GEOTECHNICAL REPORT PREPARED BY SPL LIMITED



6
S15
N.T.S.

NEW CONSTRUCTION BRACKET (TYPE 1)

EXTENSION
"A"
1500 (59")
2030 (80")
3150 (124")

EXTENSION
"A"
1500 (59")
2030 (80")
3150 (124")

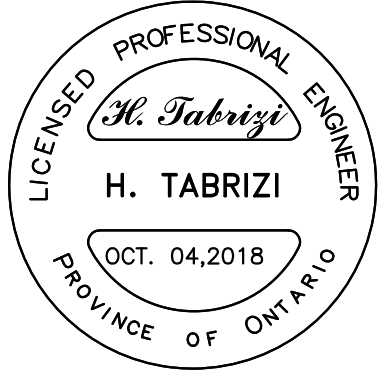
PLAIN EXTENSION
TYPE 1 PIER SS175

NEW CONSTRUCTION BRACKET SIZES				
HELICAL SS TYPE	"L"	"W"	"T"	SERVICE LOAD RATING
SS5	150 (6")	150 (6")	19 (3/4")	110 kN (25 KIP)
SS175	200 (8")	200 (8")	25 (1")	245 kN (55 KIP)

NOTES

- FINISH: MILL FINISH STEEL.
- PIPE: STEEL TUBE, ROUND, PER ASTM A500 GRADE B OR EQUIVALENT.
- PLATE: PER ASTM A36 OR EQUIVALENT.

NEW CONSTRUCTION BRACKET
TYPE 1 PIER SS175



NO.	REVISION	DATE
4		
3		
2		
1		

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Project Name :
SCUGOG DEPOT WASH BAY

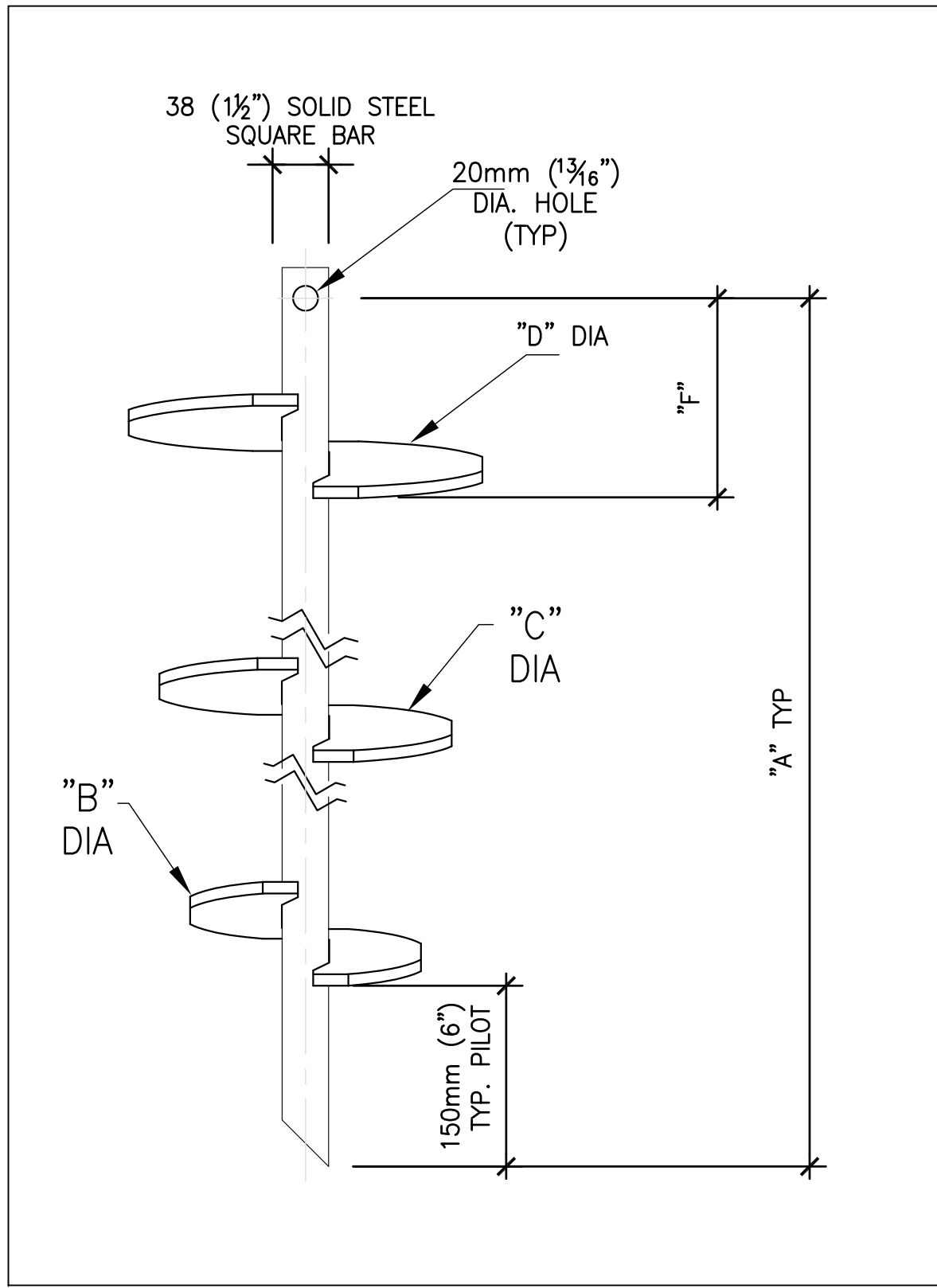
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**

Job Descript. :
**NEW WASH BAY ADDITION
HELICAL PIER DETAILS**

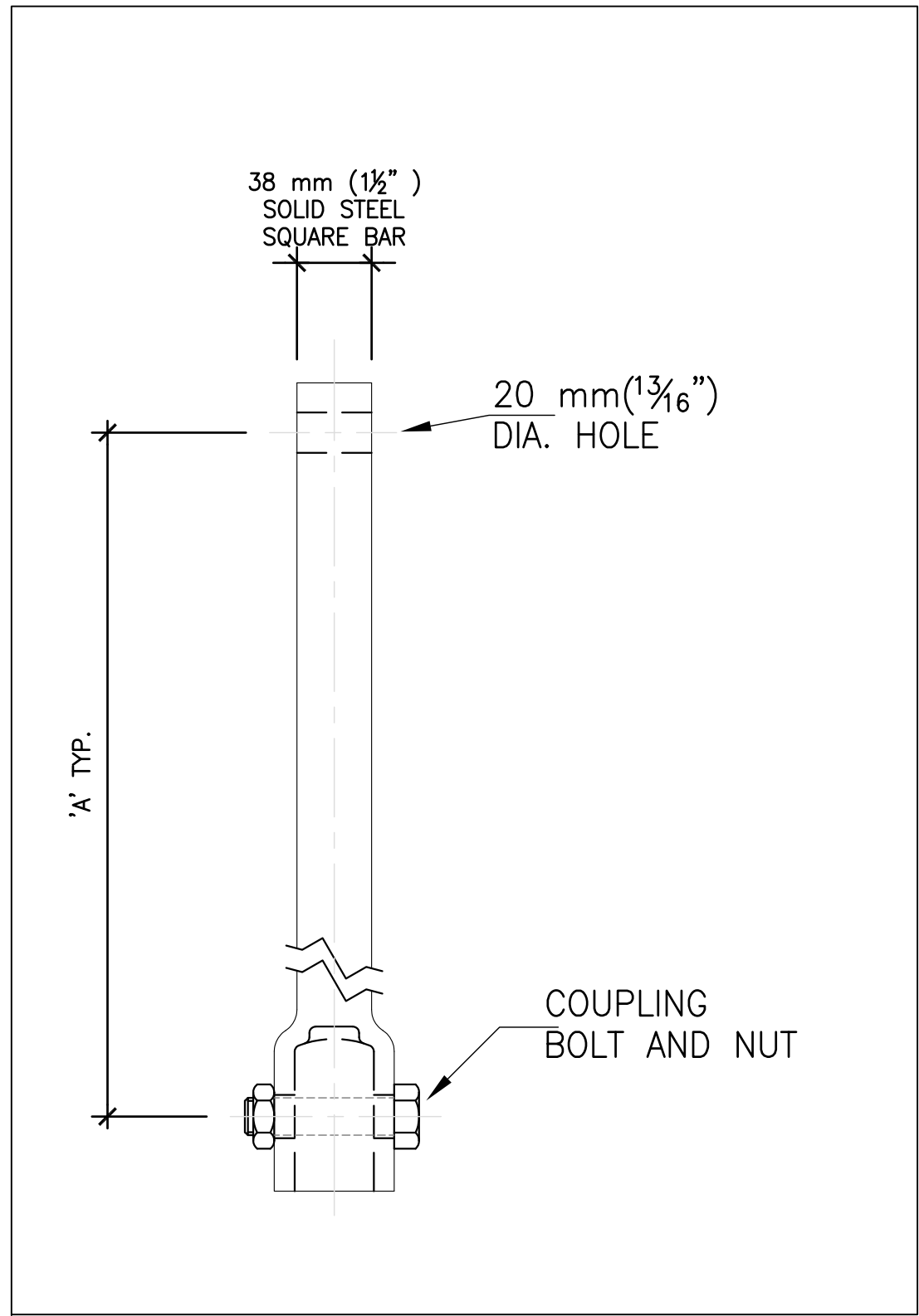
TYPE 1

Design:	A.T.
DRAWN:	R.A.
Approv.:	A.T.
Scale:	As Shown
Date:	OCT.04,2018

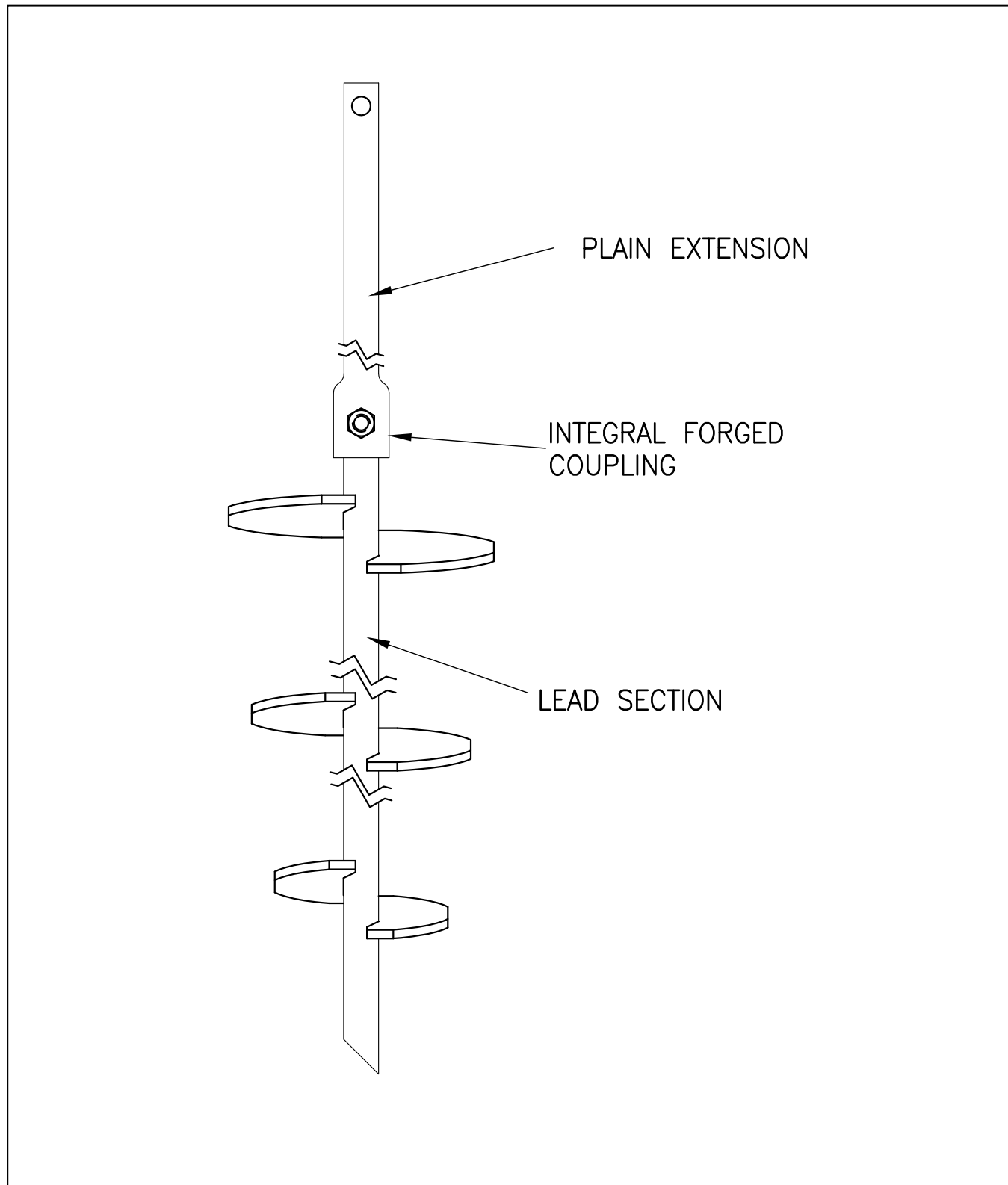
Project No. T-1017-2018	Dwg.No. S15 OF 16
Job No.	



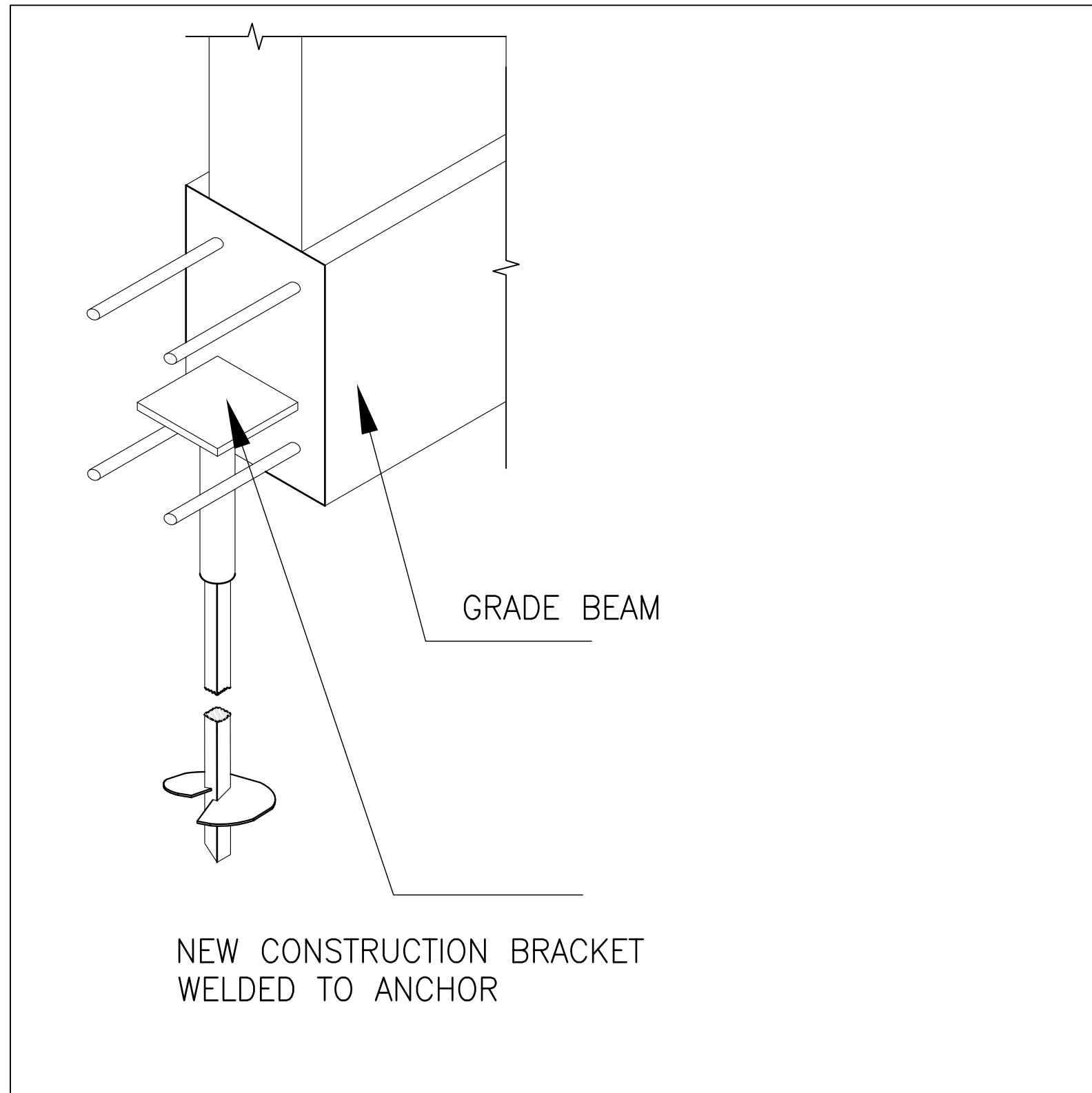
1 S16 N.T.S. TRIPLE HELIX LEAD SECTION (TYPE 2)



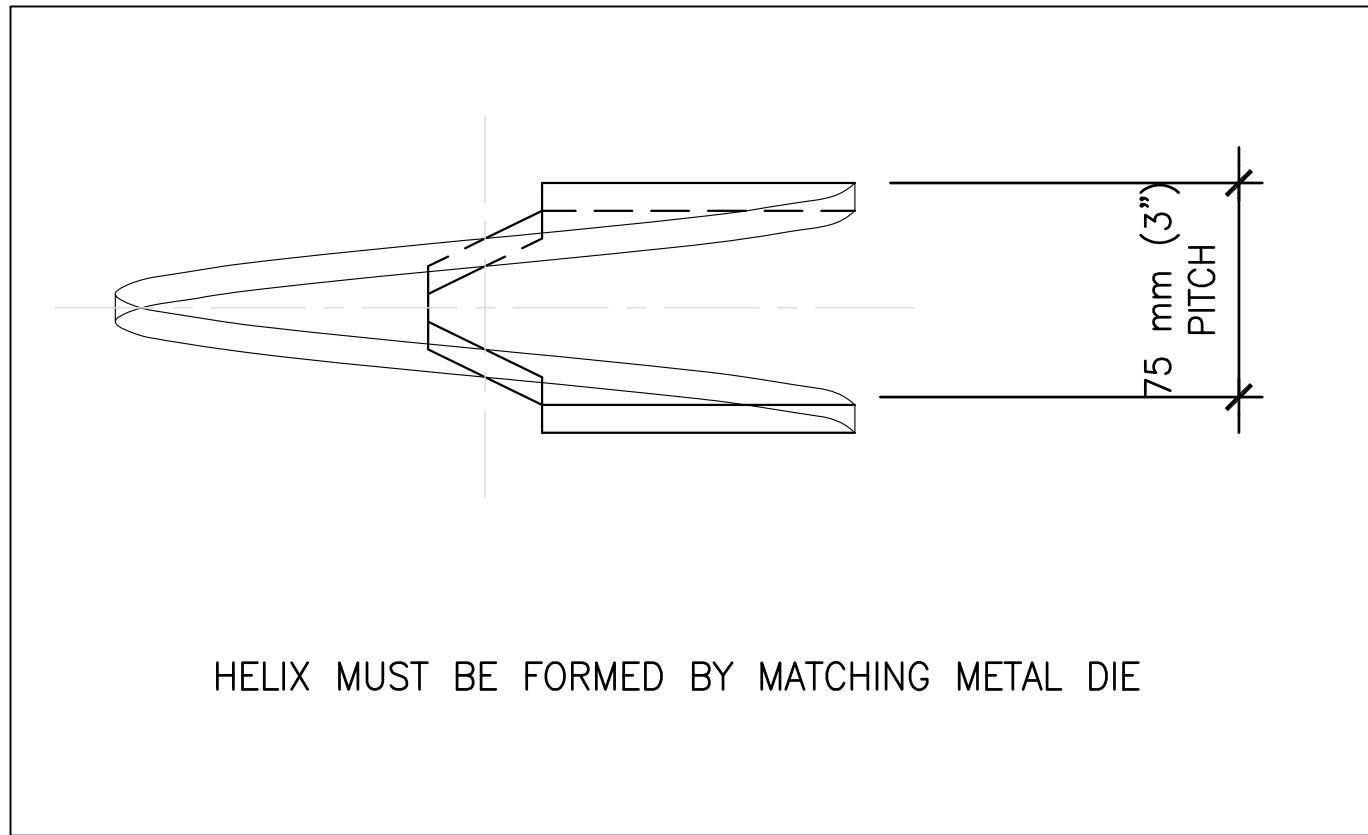
2 S16 N.T.S. PLAIN EXTENSION (TYPE 2)



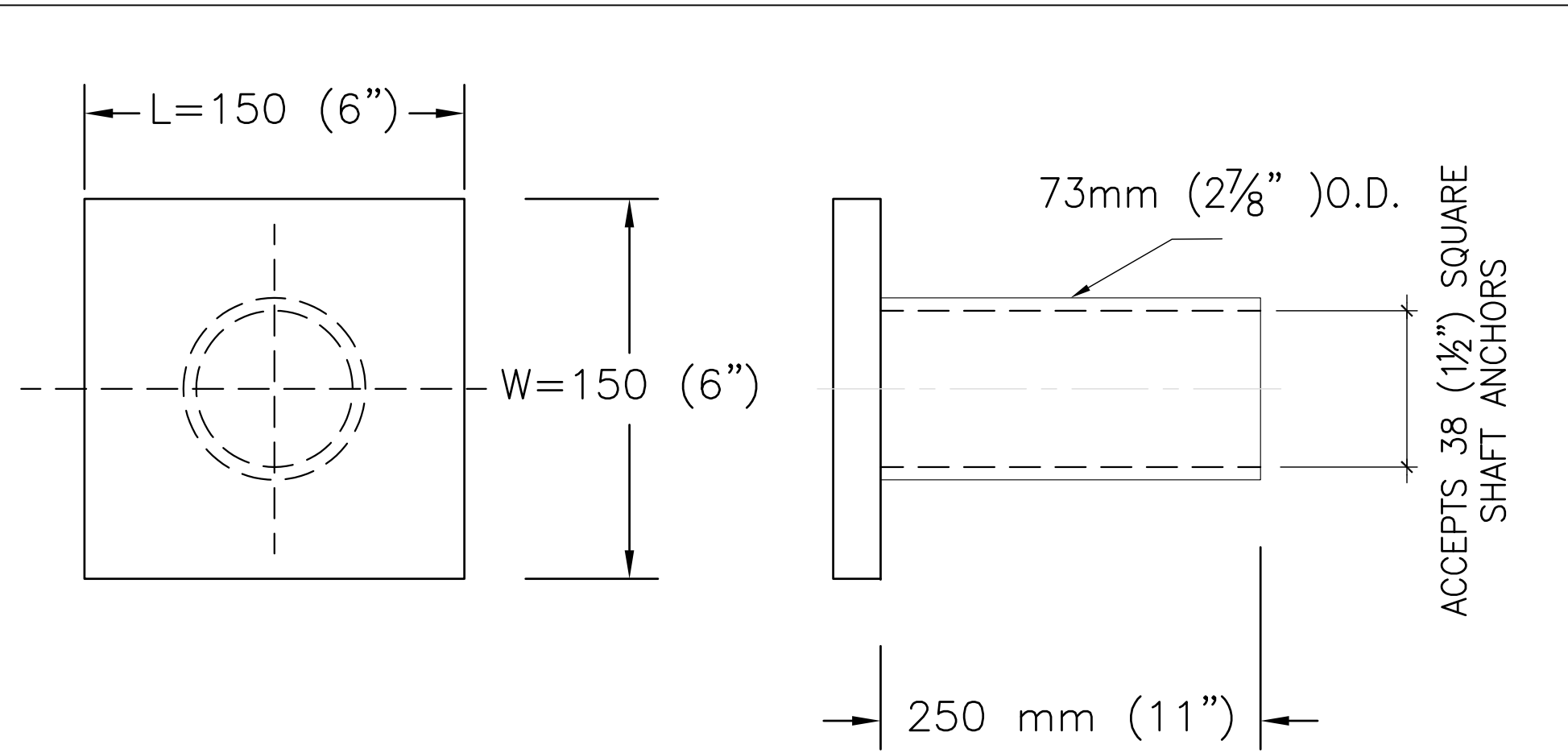
3 S16 N.T.S. TYPICAL ANCHOR ASSEMBLY (TYPE 2)



4 S16 N.T.S. PIER CAP INSTALLATION DETAIL (TYPE 2)



5 S16 N.T.S. SIDE VIEW OF TRUE HELICAL FORM (TYPE 2)



NEW CONSTRUCTION BRACKET SIZES				
HELICAL SS TYPE	"L"	"W"	"T"	SERVICE LOAD RATING
SS5	150 (6")	150 (6")	19 (3/4")	110 kN (25 KIP)
SS175	165 (6 1/2")	165 (6 1/2")	19 (3/4")	245 kN (55 KIP)

- NOTES
1. FINISH: MILL FINISH STEEL.
 2. PIPE: STEEL TUBE, ROUND, PER ASTM A500 GRADE B OR EQUIVALENT.
 3. PLATE: PER ASTM A36 OR EQUIVALENT.

6 S16 N.T.S. NEW CONSTRUCTION BRACKET (TYPE 2)

- NOTES ON HELICAL PIERS:
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 5. HELICAL MANUFACTURER/INSTALLER SHALL ALSO REFER TO THE GEOTECHNICAL REPORT PREPARED BY SPL LIMITED

4		
3		
2		
1		
NO.	REVISION	DATE

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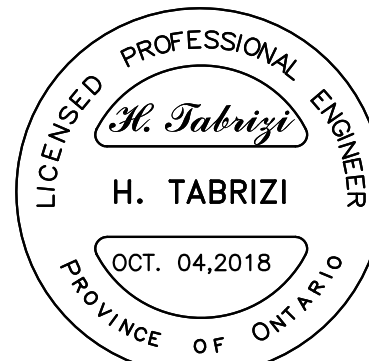
Project Name :
SCUGOG DEPOT WASH BAY
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
**NEW WASH BAY ADDITION
HELICAL PIER DETAIL**
TYPE 2

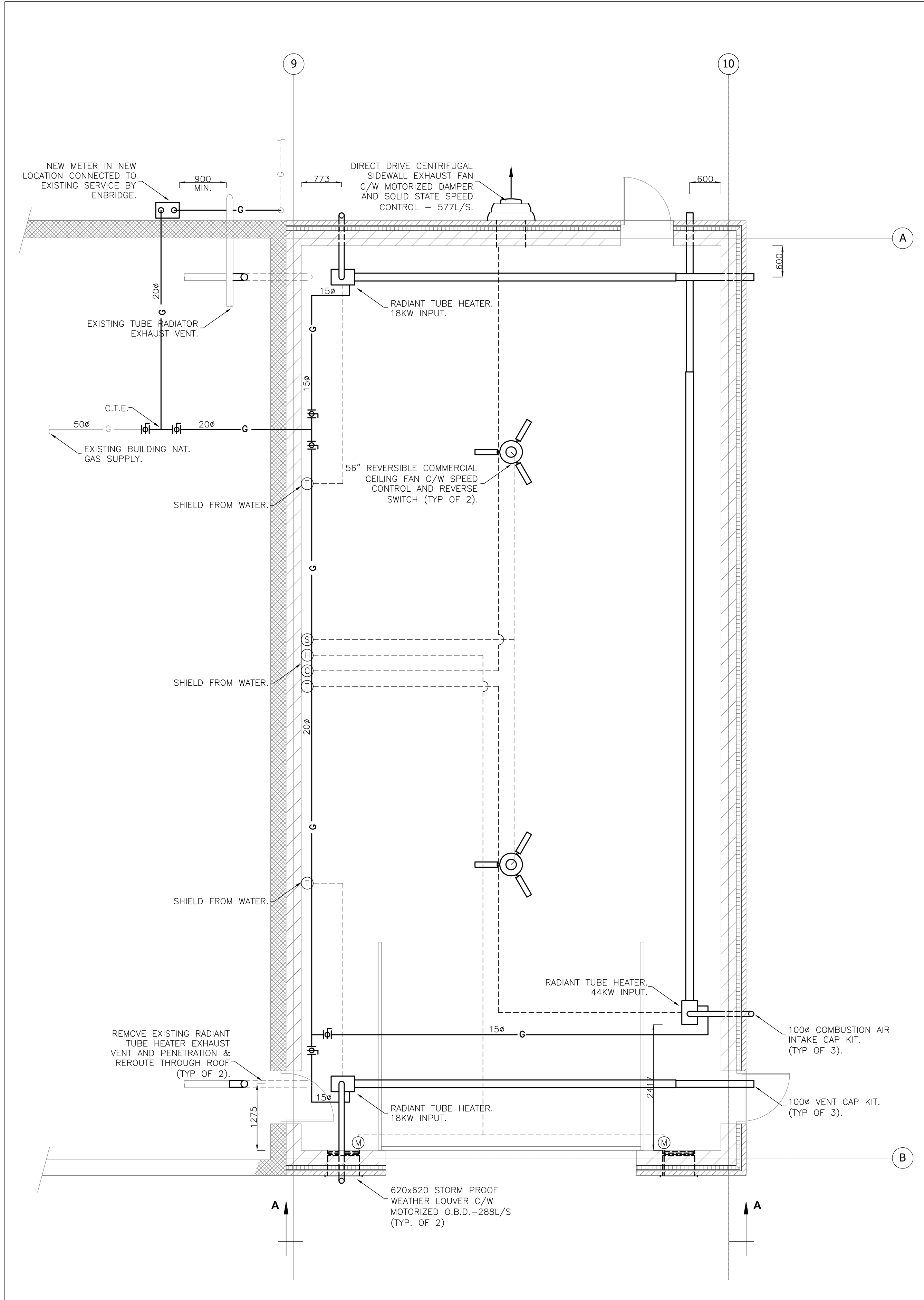
Design: A.T.
DRAWN: R.A.
Approv.: A.T.
Scale: As Shown
Date: OCT.04, 2018

Project No.
T-1017-2018
Job No.

Dwg.No.

S16
OF 16

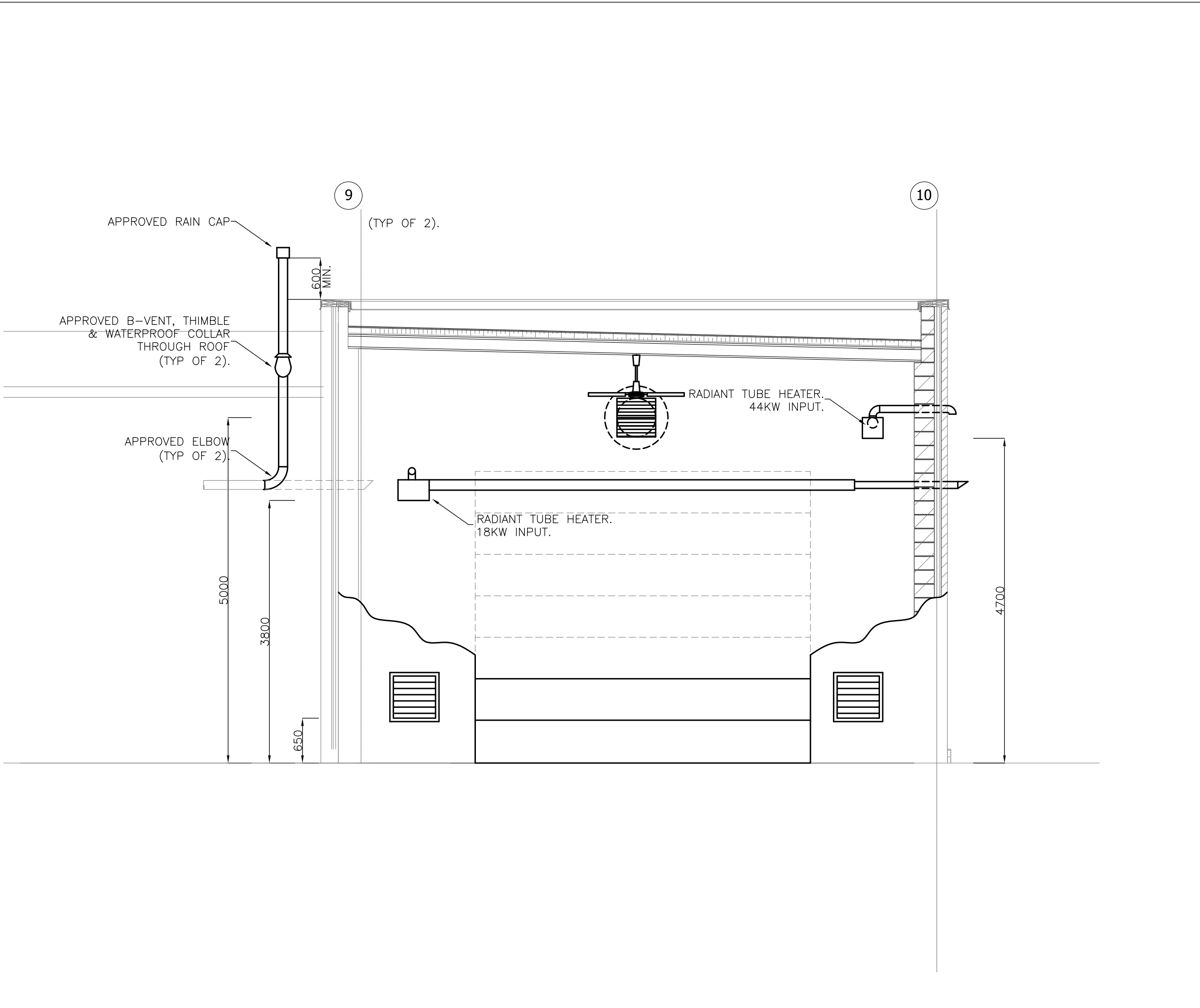




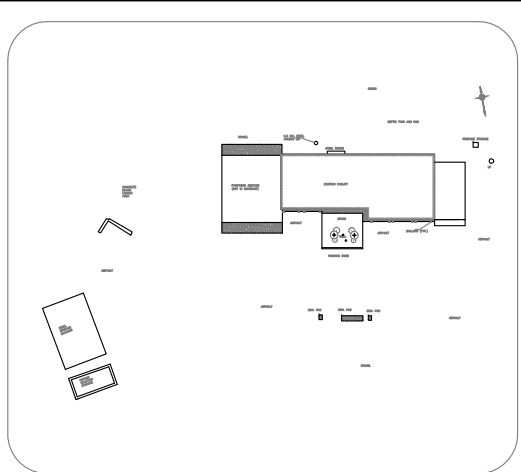
PLAN VIEW
SCALE 1:50

EQUIPMENT SCHEDULE										
QTY.	DESCRIPTION	MAKE	MODEL	CAPACITY			POWER			
				L/S	Pd	kW T	W/VA	V	PH	Hz
1	EXHAUST FAN	S&P	CWD-16	578	80		560W	220	3	60
2	CEILING FAN	CANARM	CF55 F&R	9676			97W	110	1	60
2	DAMPER ACTUATOR MOTOR	BELIMO	1FCB-120-S				6VA	110	1	60
2	RADIANT TUBE HEATER	SCHWANK	STW-JZ-60-20			18	145VA	110	1	60
1	RADIANT TUBE HEATER	SCHWANK	STW-JZ-155-40			44	145VA	110	1	60
2	WEATHER LOUVERS	NAILOR	160DD 24X24							
2	OPP.BLADE DAMPERS	NAILOR	2020IB/IBF 24X24							

- LEGEND:**
- EXISTING COLD WATER (DCWS)
 - EXISTING HOT WATER (DHWS)
 - BURIED PIPING
 - NEW COLD WATER (DCWS)
 - NEW HOT WATER (DHWS)
 - NEW DHWR
 - V — VENT
 - BALL VALVE
 - DUAL CHECK VALVE
 - WATER METER
 - FD FLOOR DRAIN
 - RD ROOF DRAIN
 - CO CLEAN OUT
 - FE POTABLE FIRE EXTINGUISHER
 - MH MAN HOLE
 - T THERMOSTAT
 - C CARBON MONOXIDE DETECTOR
 - H HUMIDISTAT
 - S SPEED CONTROL/ON-OFF SWITCH
 - M ACTUATOR/MOTOR
 - CU COPPER
 - CTE CONNECT TO EXISTING
 - DCW DOMESTIC COLD WATER
 - DHW DOMESTIC HOT WATER



CUTAWAY SECTION A-A
SCALE 1:50



KEY PLAN

NO.	REVISION	DATE
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**NORLIN
Engineering**

2226 Grand Ravine Drive
Oakville, Ontario L6H 6B1
Tel: (905) 842-7282



Project Name :
SCUGOG DEPOT WASH BAY

Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**

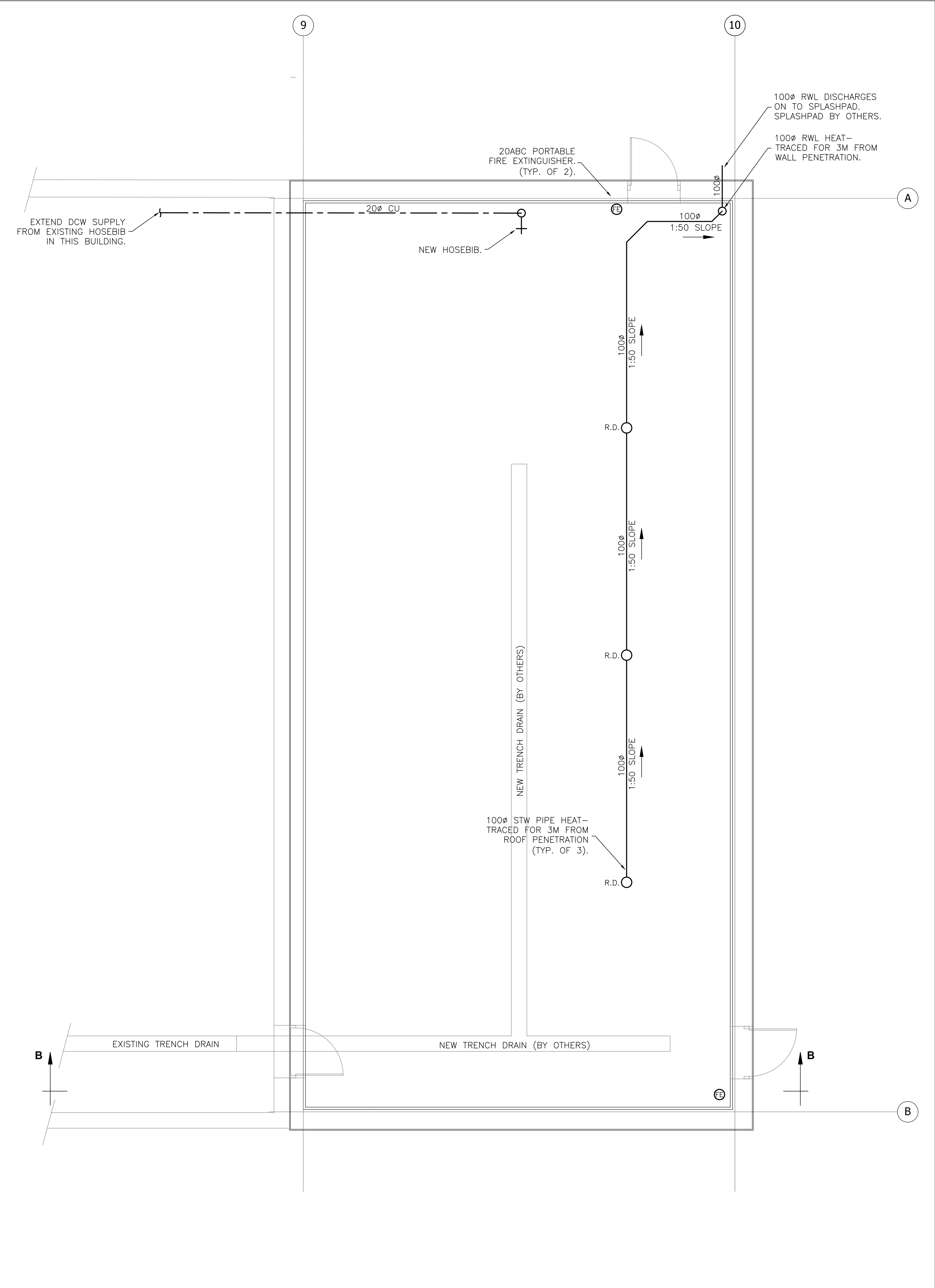
Job Descript. :
NEW TRUCK WASHING BAY

HVAC

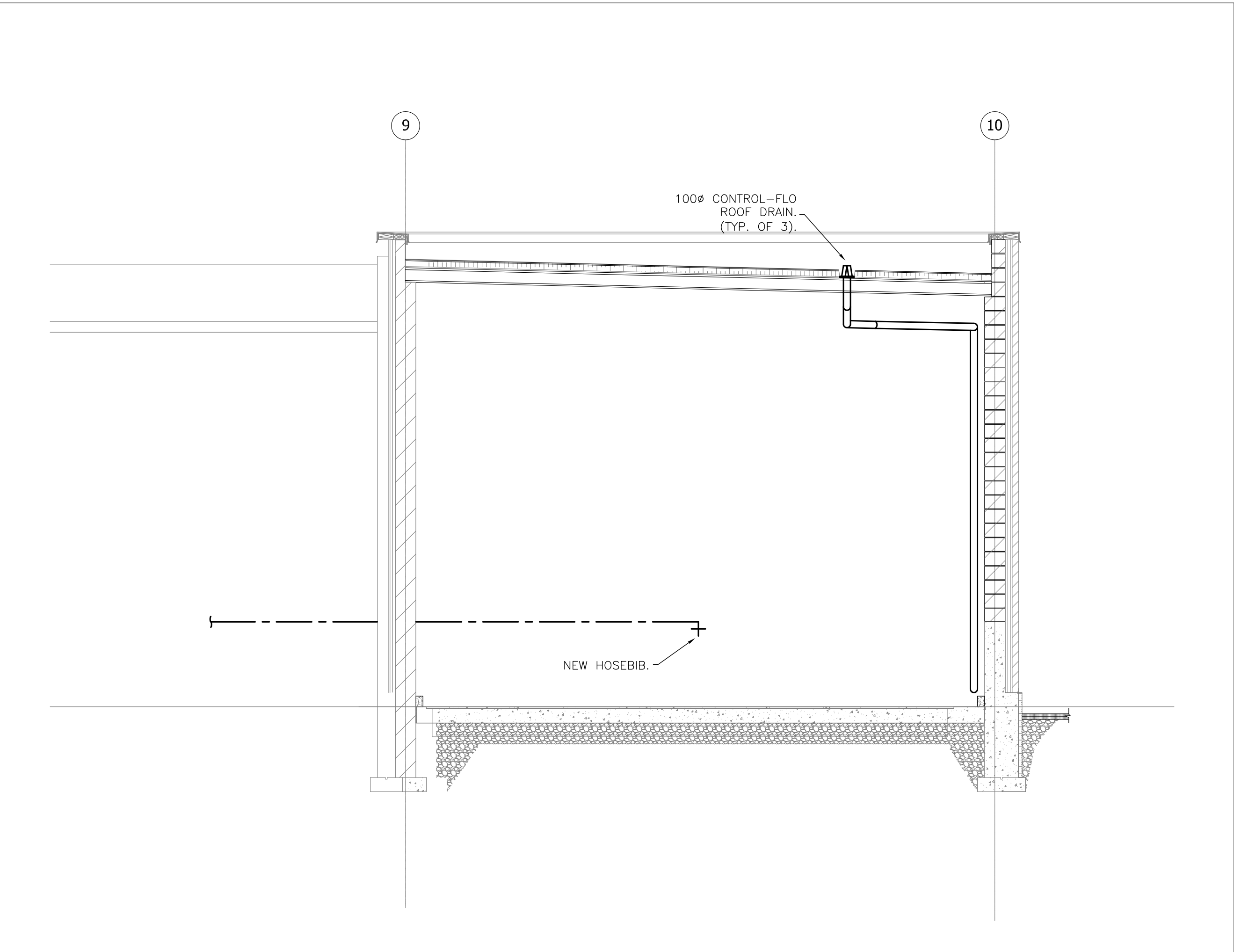
Design: R.v.d.W
DRAWN: P.K.
Approv.: A.T.
Scale: As Shown
Date: MARCH 26, 2015

Project No.
Job No.
14137

Dwg.No.
M1
OF 2

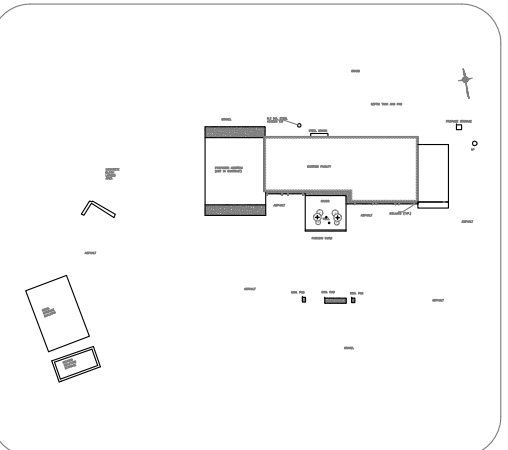


PLAN VIEW
SCALE 1:50



SECTION B-B
SCALE 1:50

- LEGEND:**
- EXISTING COLD WATER (DCWS)
 - EXISTING HOT WATER (DHWS)
 - BURIED PIPING
 - NEW COLD WATER (DCWS)
 - NEW HOT WATER (DHWS)
 - NEW DHWR
 - V VENT
 - BALL VALVE
 - DUAL CHECK VALVE
 - WATER METER
 - FD FLOOR DRAIN
 - RD ROOF DRAIN
 - CO CLEAN OUT
 - FE POTABLE FIRE EXTINGUISHER
 - MH MAN HOLE
 - T THERMOSTAT
 - C CARBON MONOXIDE DETECTOR
 - H HUMIDISTAT
 - S SPEED CONTROL/ON-OFF SWIT
 - M ACTUATOR/MOTOR
 - CU COPPER
 - CTE CONNECT TO EXISTING
 - DCW DOMESTIC COLD WATER
 - DHW DOMESTIC HOT WATER



KEY PLAN

NO.	REVISION	DATE
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OF DURHAM

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Engineering**

2226 Grand Ravine Drive
Oakville, Ontario L6H 6B1
Tel: (905) 842-7282



Project Name :
SCUGOG DEPOT WASH BAY
Project Address :
**REGIONAL RD. 21 & 23
PORT PERRY, ON**
Job Descript. :
NEW TRUCK WASHING BAY

PLUMBING&FIRE PROTECTION

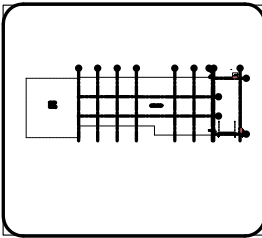
Design: R.v.d.W.
DRAWN: P.K.
Approv.: A.T.
Scale: As Shown
Date: MARCH 26, 2015

Project No.
Job No.
14137

Dwg.No.
M2
OF 2

LEGEND

	Outdoor lighting fixture wall mounted
	As above only connected to em. supply
	Fluorescent lighting fixture ceiling mtd.
	As above only connected to em. supply
	Existing lighting fixture to be relocated.
	Existing lighting fixture to be removed.
	Track lighting. Type per schedule.
	Fluorescent strip light.
	Ceiling or wall mtd illuminated exit sign Shaded area indicates illuminated face.
	Exterior lighting standard as per sch.
	120V U-ground duplex receptacle
	120v U-ground quad receptacle.
	120V U-ground duplex GFI receptacle
	120V U-ground split duplex receptacle
	120V U-ground duplex receptacle with one half switch controlled.
	Any of the above devices mtd above counter top or as instructed on site.
	Duplex receptacle floor mounted.
	Duplex receptacle ceiling mounted.
	Pac-pole
	Ceiling or wall mtd junction box.
	Photo electric cell.
	Single pole, single throw toggle switch with one/two/three gang coverplates.
	Three-way switch.
	Four-way switch.
	Manual time switch mtd 1100mm AFF (Paragon FF51-0, 30 minutes)
	Switch with pilot light
	Dimmer switch. 1500W rated. Provide dimming ballast for fluorescent.
	LV switch
	347V switch
	Fan switch
	Direct connection outlet as noted.
	Single phase motor. HP (KW) as noted.
	Three phase motor. HP (KW) as noted.
	Manual motor starter.
	Magnetic motor starter.
	Contactor or Starter
	Combination motor starter
	Disconnect switch. Size as noted.
	Fan speed controller supplied by others installed by Div. 16
	Electric heater per schedule El. heater identifier (A= Type; 1.0=KW)
	Telephone zone conduit
	Wall mtd telephone outlet
	Floor mtd telephone outlet
	Wall mtd data communication outlet
	Wall mtd television outlet
	Security system motion detector
	Emergency lighting battery unit. 2 and 1 head em. lighting remote unit.
	Manually operated fire alarm station.
	Fire alarm bell
	Fire alarm minihorn flush mounted
	Fire alarm strobe light
	Fire alarm combination horn/strobe ligh
	Fire alarm ceiling mounted speaker
	Fire alarm wall mounted speaker
	Heat det. 94 degree C fixed temp. & rate of rise.
	Heat det. 58 degree C fixed temp. & rate of rise.
	Combination 120V smoke alarm & heat detector
	Photoelectric smoke detector
	Ionization smoke detector
	Duct mounted smoke detector.
	120V smoke alarm.
	Fire alarm operated door hold open device.
	Surface mtd lighting or power panel.
	Flush mtd lighting or power panel.
	Next to devices indicates Weather proof Ground fault interrupter and Isolated ground.
	Identifies lighting fixture type
	Motorized damper
	Roof drain
Note: This legend is generic. All symbols listed may not be applicable for this project. Refer to floor plans to determine used devices and equipment.	



KEY PLAN

4		
3	GENERAL REVISION	25/07/18
2	RE-ISSUED FOR TENDER	14/04/16
1	ISSUED FOR TENDER	16/12/15

NO.	REVISION	DATE
-----	----------	------

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PRINTS ARE NOT TO BE SCALED.

CLIENT:



THE REGION
OF DURHAM



KNOLL ENGINEERING INC.
CONSULTING ENGINEERS
16 TIGERLILY CRT., TORONTO, ONTARIO, M2M 4E4
TEL. (416) 250-1918, FAX (416) 250-5556

Project Name :
SCUGOG DEPOT

Project Address :
10 REGIONAL ROAD 21,
PORT PERRY, ONTARIO
Job Descript. :
NEW WASH BAY

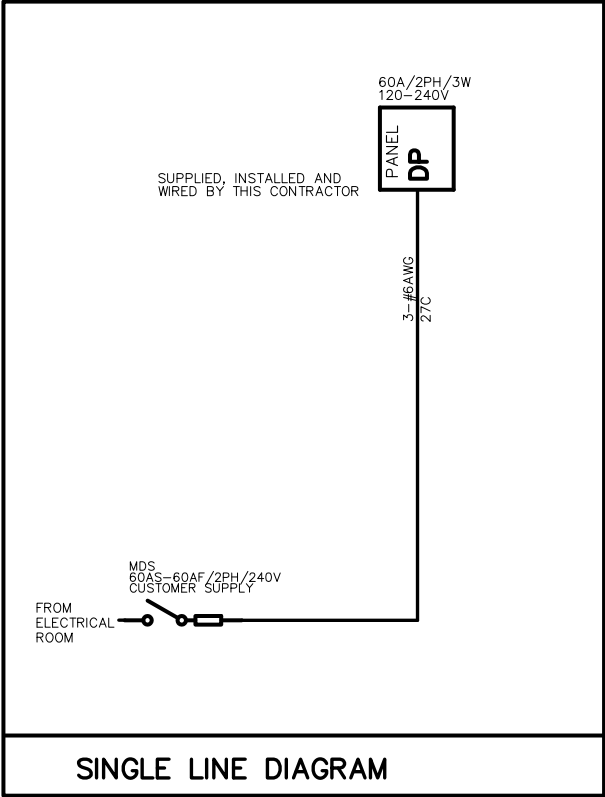
Specifications and Legend

Design:	RK
DRAWN:	AB
Approv.:	RK
Scale:	1:50
Date:	JUNE 12, 2014

Project No.
KE1426
Job No.

Dwg.No.

E-1
OF 3



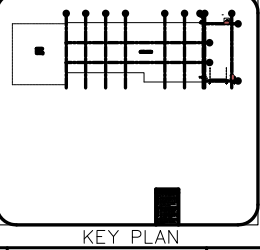
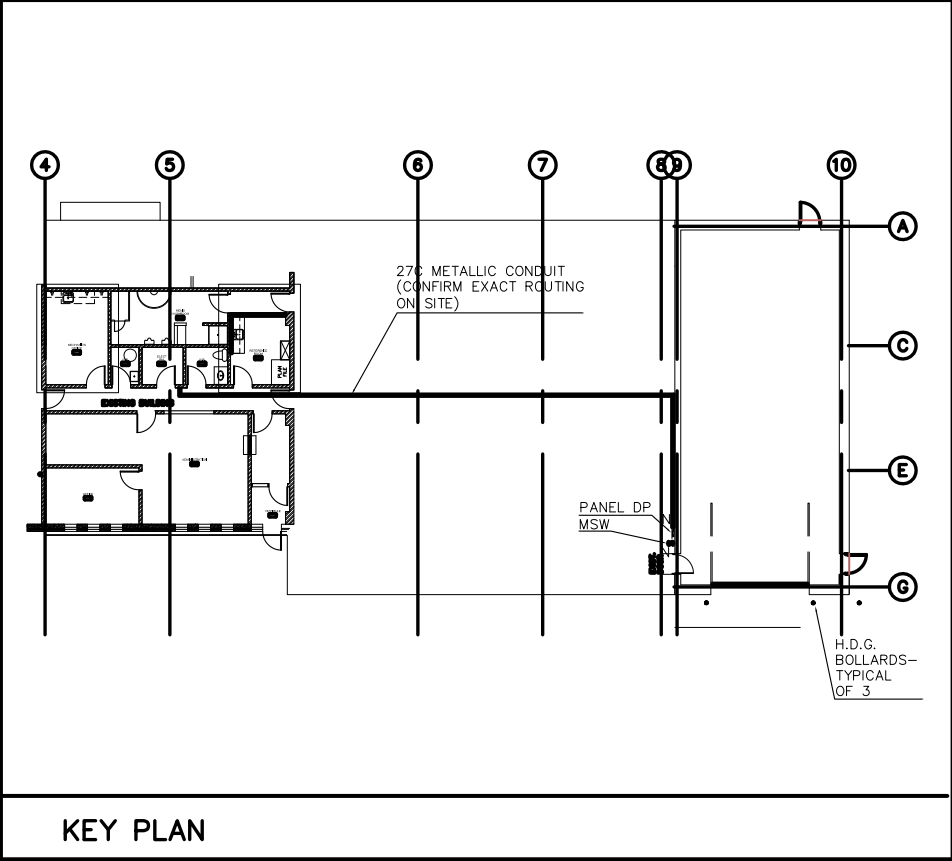
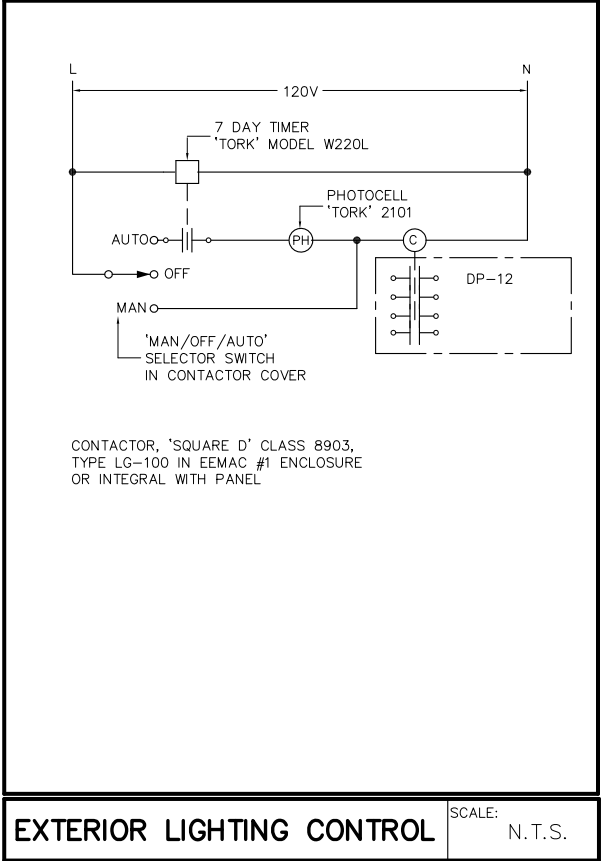
PANEL IDENTIF: DP	SERVICE: 120/240V, 2ø, 3W				NOTES: INSTALLED ON THE COMMON WALL IN EXISTING BUILDING			
	MAIN CCT. BRK: 60 AMPS							
	MAINS: 60 AMPS							
	MOUNTING: SURFACE							
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION	
LIGHTING			15A	1	2	15A	GFI RECEPTACLES	
EMERGENCY LIGHTING			15A	3	4	15A	MICROWAVE OVEN	
OVERHEAD DOOR MOTOR			15A	5	6	15A	UNDER COUNTER FRIDGE	
NEW 6-40P RECEPTACLE IN NEW TRUCK WASHING FACILITY		40A	7	8	20A	2900	COOLING COMPRESSOR MOTOR	
		2P	9	10	2P		CONDENSER FAN MOTOR	
CLOCK / TV RECEPTACLES			15A	11	12	15A	OUTSIDE LIGHTING	
GENERAL PURPOSE RECEPTACLES			15A	13	14	15A	EF-1	
UNDER COUNTER DHW HEATER		1800	20A	15	16	15A	500	RADIANT TUBES RT1/RT2/RT3
UNDER COUNTER DHW HEATER			15A	17	18	15A	10	MOTORIZED DAMPERS MD1/MD2
ENERGY RECOVERY VENTILATOR BLOWER MOTOR		707	15A	19	20	15A	10	PIPES HEAT TRACING
			15A	21	22	15A		CEILING FANS CF1 AND CF2
			15A	23	24	20A		BLOCK HEATER BH1 RECEPTACLE
			15A	25	26	20A		BLOCK HEATER BH2 RECEPTACLE
			15A	27	28	20A		BLOCK HEATER BH3 RECEPTACLE
			15A	29	30	15A		
			15A	31	32	15A		
			15A	33	34	15A		
			15A	35	36	15A		
			15A	37	38	15A		
			15A	39	40	15A		
			15A	41	42	15A		

PANEL SCHEDULE

TYPE	DESCRIPTION	LAMPS	VOLT	MOUNTING	LOCATION	REMARKS
A	RECESSED DOWNLIGHT KEENE SD12D70HVVH	70W MH	120	SOFFIT	OUTDOOR	
F	FLUORESCENT CF1 CLEANLITE SW4C232120S0	2-32W T8	120	SUSPENDED	ABOVE CAT WALK	COLD WEATHER BALLAST
EXIT	EMERGI-LITE LPEX50 SERIES		120	WALL	BY EACH OUTDOORS	COULD BE IN COMBO WITH EACH OTHER CAPACITY FOR 30min RUNNING TIME
EMERG. LIGHTING	EMERGI-LITE: BATTERY UNIT: 24ESL144-120VAC REMOTE HEADS: 2EF150MD	1-20W MR16	120	WALL		

- NOTES:
- ALL FLUORESCENT FIXTURES SHALL BE C/W T-8 LAMPS OF WATTAGE AS SHOWN. ALL FLUORESCENT BALLASTS IN HEATED COMMON AREAS SHALL BE ADVANCE 'REL' SERIES (OR EQUAL) (MAGNETIC ENERGY SAVING IN SUITES).
 - FIXTURES TO BE AS SPECIFIED OR APPROVED EQUAL BY ENGINEER.
 - ALL HID BALLASTS SHALL BE OF THE HPF TYPE.
 - ALL FIXTURES USED WITHIN INSULATED CEILING TO BE I.C. RATED.
 - LIGHTING FIXTURE SUPPLIER TO PROVIDE AT TIME OF SHOP DRAWINGS, COMPUTER GENERATED LIGHTING LEVEL FOR NEW WASH BAY AREA. PHOTOMETRICS TO REFLECT ACTUAL SPACE CHARACTERISTICS (IE. CEILING HEIGHT, AND FIXTURE SPACING AS PER OUR DRAWINGS).
 - FOR THE ABOVE LIGHTING FIXTURES A AND F PLEASE CONTACT MICHAEL BALANCA (CANLYTE) AT 416-630-0887.

LIGHTING FIXTURES SCHEDULE



4		
3	GENERAL REVISION	25/07/18
2	RE-ISSUED FOR TENDER	14/04/16
1	ISSUED FOR TENDER	16/12/15

NO.	REVISION	DATE
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Project Name :
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Job Descript. :
NEW WASH BAY

Diagram and Schedules

Design:	RK
DRAWN:	AB
Approv.:	RK
Scale:	1:50
Date:	JUNE 12, 2014

Project No. KE1426	Dwg.No. E-2 OF 3
Job No.	



NO.	REVISION	DATE
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Project Name :
SCUGOG DEPOT

Project Address :
10 REGIONAL ROAD 21,
PORT PERRY, ONTARIO
Job Descript. :
NEW WASH BAY

Lighting, Power & Systems

Design: RM

DRAWN: AE

Approv.: **Rt**

Scale: 1:50

Date: JUNE 12, 2014

Project No.
KE1426

Job No.

Dwg.No.

3-3
OF 3