

HALO CAR WASH 3555 BORRISOKANE RD BARRHAVEN, ON

REVISION 11



KEY PLAN (N.T.S.)

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5430 Canotek Road | Ottawa, ON, K1J 9G2
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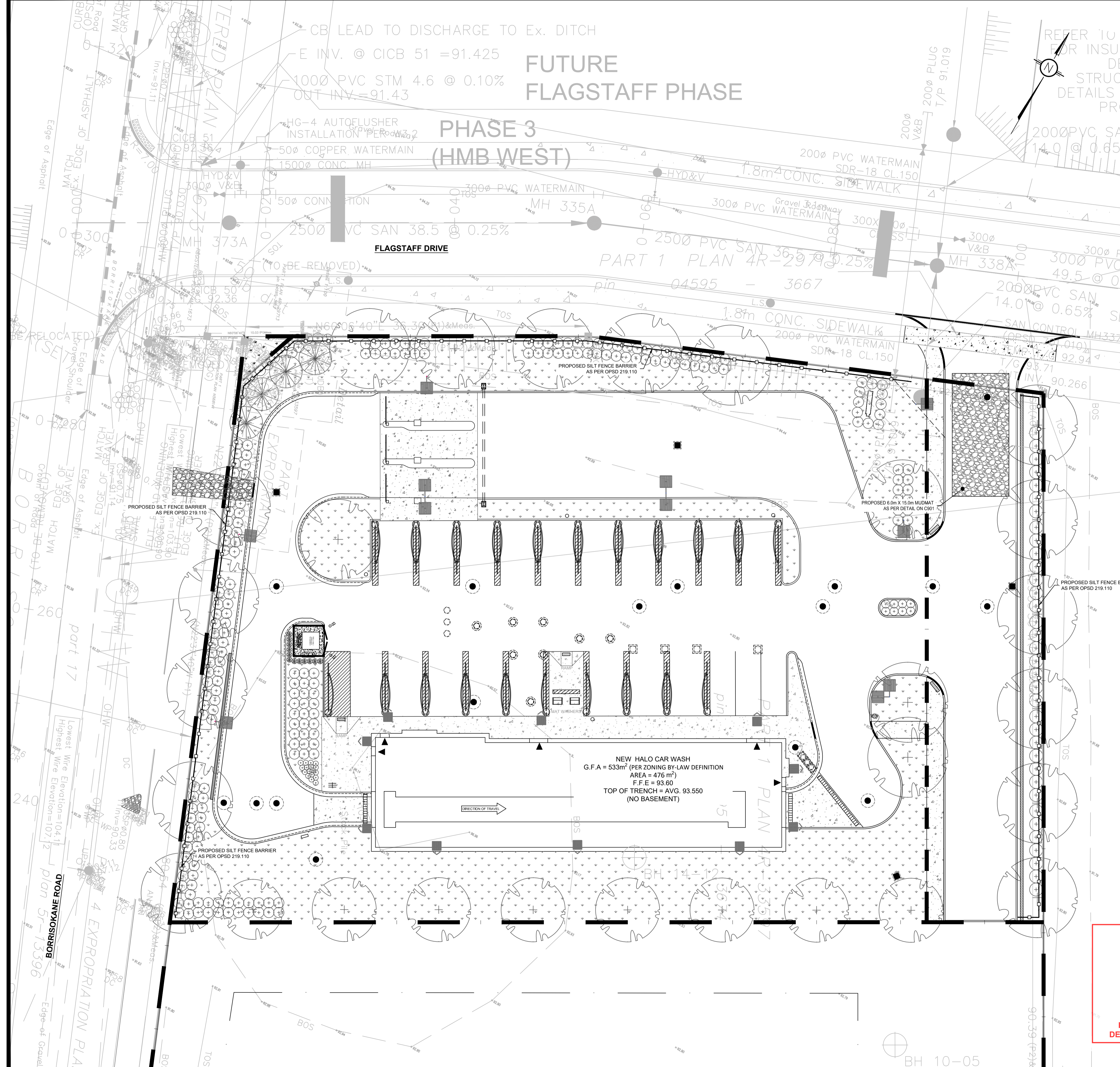
HALO CAR WASH
3555 BORRISOKANE RD, BARRHAVEN, ON
REV.11 - RE-ISSUED FOR APPROVAL - JULY 07, 2023
LRL PROJECT no: 210691



NOT AUTHENTIC UNLESS SIGNED AND DATED

D07-12-22-0085

#18788



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SCALE: 1:200

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APPROVED
By Lily Xu at 12:21 pm, Aug 22, 2023

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

CLIENT	HALO CAR WASH INC.
DESIGNED BY:	M.L. / P.P.
DRAWN BY:	M.L.
APPROVED BY:	M.B.
PROJECT	HALO CAR WASH 3555 BORRISOKANE RD BARRHAVEN, ON
DRAWING TITLE	EROSION AND SEDIMENT CONTROL PLAN
PROJECT NO.	210691
DATE	JANUARY 2022

C101

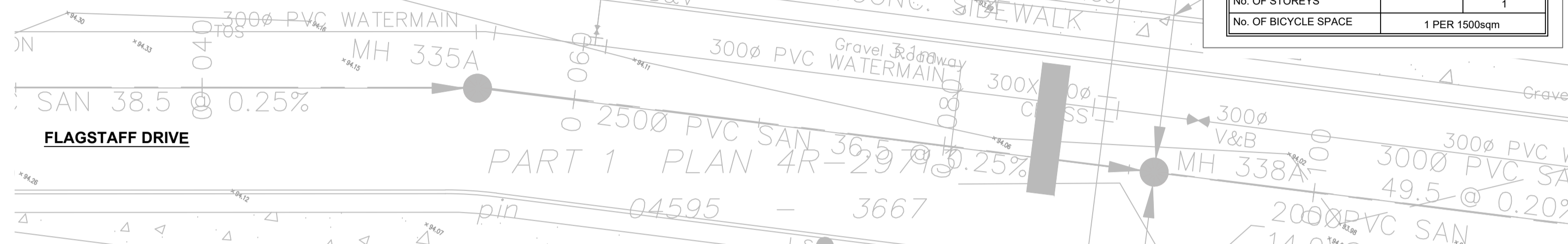


KEY PLAN
N.T.S.

AD TO DISCHARGE TO Ex. DITCH
 ▷ CICB 51 = 91.425
 ▷ STM 4.6 @ 0.10%
 = 91.43

**FUTURE
 FLAGSTAFF PHASE**

**PHASE 3
 (HMB WEST)**



DETAILS OF DEVELOPMENT		
DATA	REQUIRED	PROVIDED
ZONING	9.000 - LIGHT INDUSTRIAL URBAN EXC. 304	
SETBACKS	FY 7.5m	18.9m
	RY 7.5m	27.8m
	INT.SY 7.5m	7.5m
	EXT.SY 7.5m	39.9m
LOT AREA (sqm)	2000 sqm	5342 sqm
LOT WIDTH (m)	NO MIN	85.0m
BUILDING COVERAGE	65% (MAX)	9.6%
BUILDING HEIGHT	18 m (MAX)	8.0 m
GROSS FLOOR AREA	533sqm (476sqm PER ZBL DEF)	
MAX FLOOR SPACE INDEX		2
No. of UNITS		1
MIN WIDTH OF LANDSCAPED AREA	ABUTTING A STREET: 3.0m ALL OTHER CASES: NO MIN.	
LOADING SPACES	N/A	N/A
PARKING	N/A	3 + 1 HC
No. of STOREYS		1
No. of BICYCLE SPACE		1 PER 1500sqm

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TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. PART OF LOT 11, CONCESSION 3 (RIDEAU FRONT), GEOGRAPHIC TOWNSHIP OF NEPEAN, CITY OF OTTAWA. DATED JANUARY 21st 2022

ELEVATION NOTES

- Elevations shown are geodetic and are referred to the CGVD28 geodetic datum.
- It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that its relative elevation and description agrees with the information shown on this drawing.

UTILITY NOTES

- This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
- Only visible surface utilities were located.
- A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

Bearings are grid, derived from Can-Nat 2016 Real Time Network GPS observations referenced to Specified Control Points 01919761338 and 01919871649, MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

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APPROVED
 By Lily Xu at 12:11 pm, Aug 22, 2023

LILY XU, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW SOUTH
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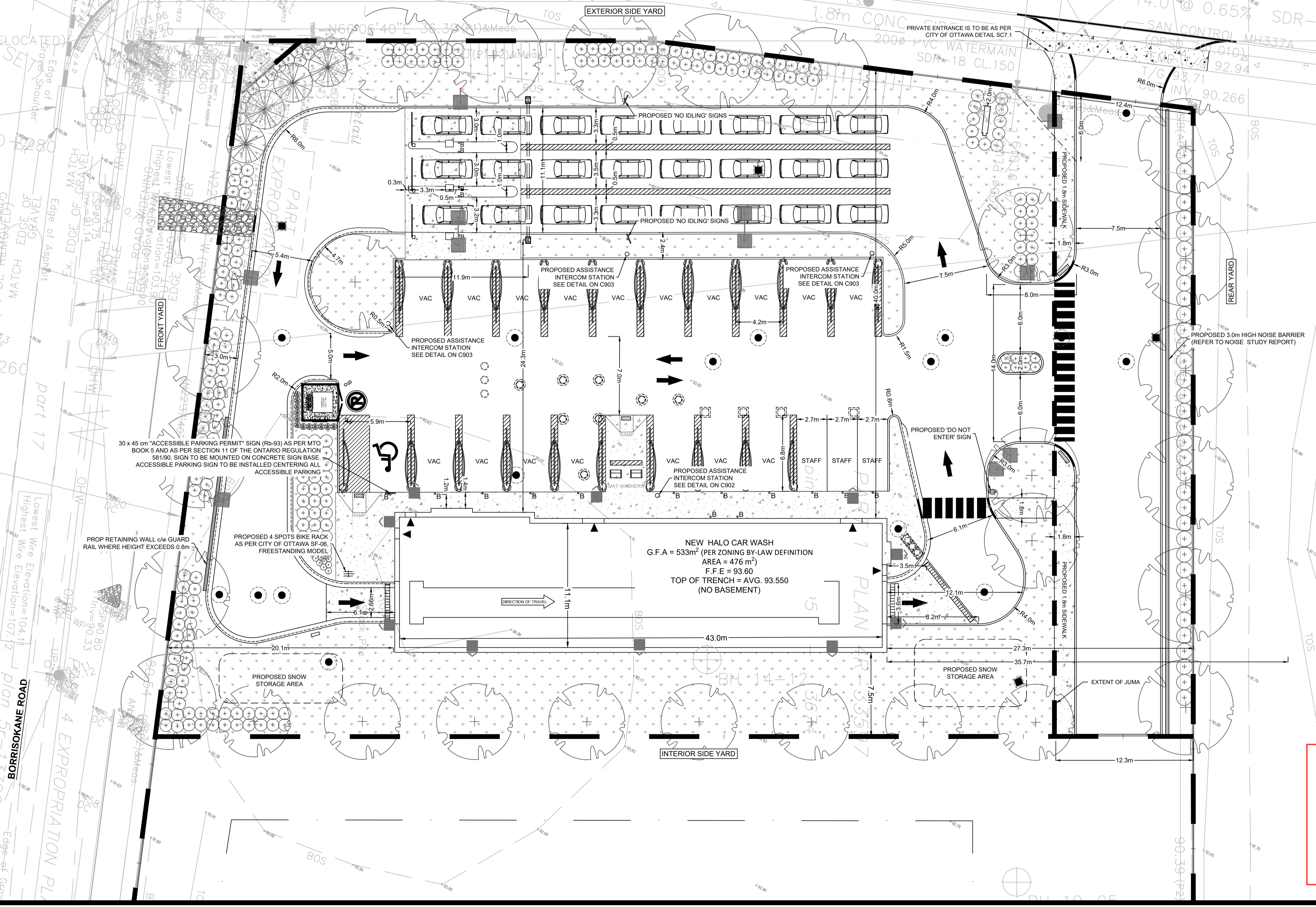
PROJECT
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 3555 BORRISOKANE RD
 BARRHAVEN, ON

DRAWING TITLE
 SITE DEVELOPMENT PLAN

PROJECT NO.
 210691

DATE
 JANUARY 2022

C201



PAVEMENT STRUCTURE

COURSE	MATERIAL	THICKNESS (mm)	
		AUTOMOBILE PARKING	TRUCK ROUTE (HEAVY TRAFFIC)
SURFACE	HL 3 A/C (PG 58-28)	50	40
BINDER	HL 8 A/C (PG 58-28)	-	50
BASECOURSE	OPSS GRANULAR "A"	150	150
SUBBASE	OPSS GRANULAR "B" TYPE II	350	450

NOTE:
IN PREPARATION FOR PAVEMENT CONSTRUCTION AT THIS SITE, ANY SURFICIAL OR NEAR SURFACE/SUBGRADE LEVEL TOPSOIL AND ANY SOFT, WET OR DELETERIOUS MATERIALS SHOULD BE REMOVED FROM THE PROPOSED PAVED AREAS. THE EXPOSED SUBGRADE SHOULD BE INSPECTED AND APPROVED BY GEOTECHNICAL PERSONNEL. ANY SOFT AREAS EVIDENT SHOULD BE SUBCAVATED AND REPLACED WITH SUITABLE EARTH BORROW APPROVED BY THE GEOTECHNICAL ENGINEER. THE SUBGRADE SHOULD BE SHAPED AND CROWNED TO PROMOTE DRAINAGE OF THE SITE DRAINAGE STRUCTURES. FOLLOWING APPROVAL OF THE PREPARATION OF THE SUBGRADE, THE PAVEMENT GRANULARS MAY BE PLACED.
REFER TO LATEST GEOTECHNICAL REPORT PREPARED BY LRL ENGINEERING LTD.

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DRAWING TITLE: GRADING AND DRAINAGE PLAN

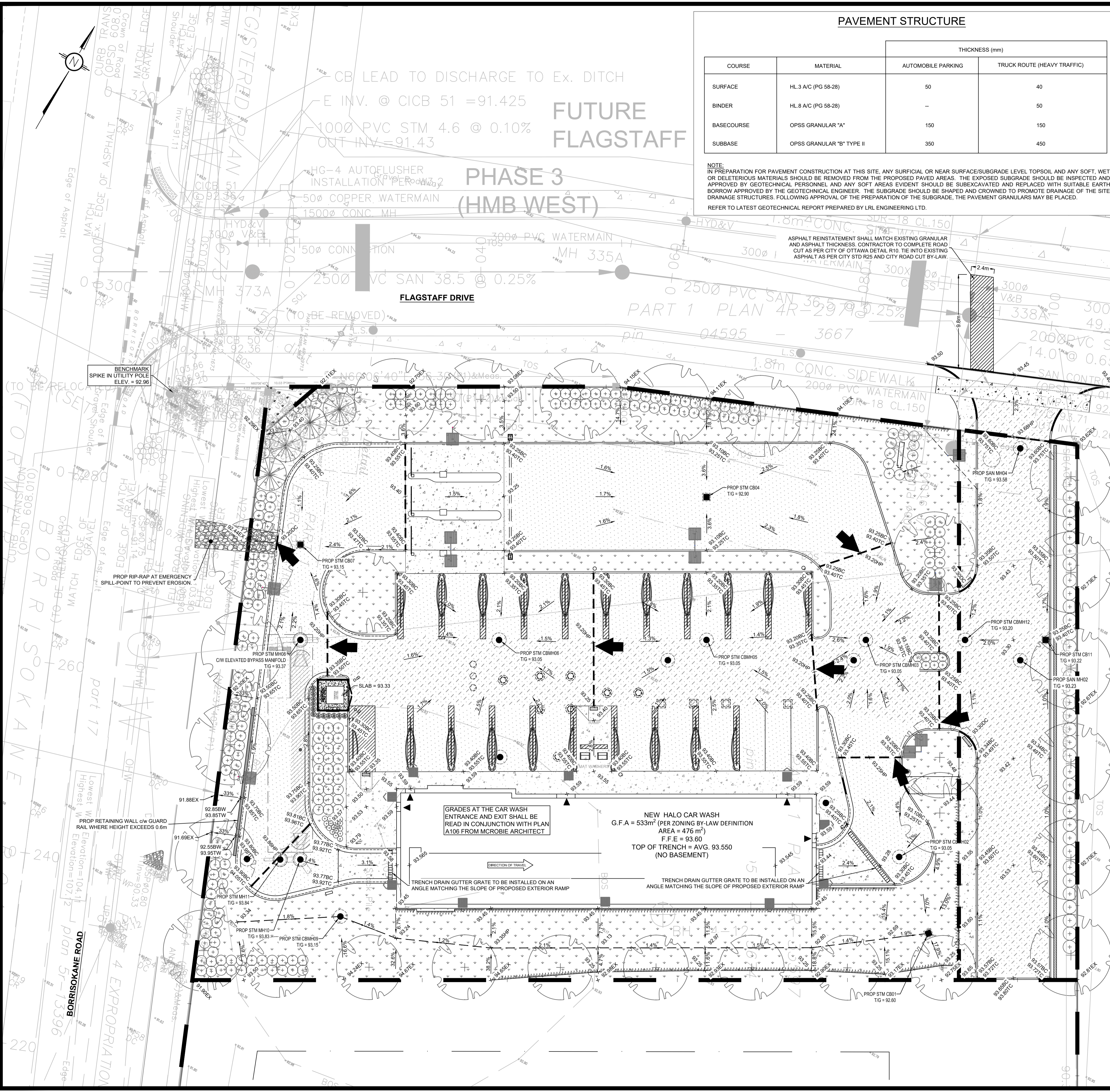
PROJECT NO: 210691

DATE: JANUARY 2022

C301

APPROVED
By Lily Xu at 12:22 pm, Aug 22, 2023

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA



D07-12-22-0085

APPROVED
By Lily Xu at 12:23 pm, Aug 22, 2023

Lily Xu
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MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
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LEGEND:

- EXISTING PROPERTY LINE TO REMAIN
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SCALE: 1:200

SUBJECT FOR APPROVAL

11	RE-ISSUED FOR APPROVAL	M.L.	07 JULY 2023
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No. REVISIONS BY DATE

LRL
ENGINEERING | INGENIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

CLIENT: HALO CAR WASH INC.

DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

PROJECT: HALO CAR WASH
3555 BORRISOKANE RD
BARRHAVEN, ON

DRAWING TITLE: SERVICING PLAN

PROJECT NO.: 210691
DATE: JANUARY 2022

NOTE:
CLAY DYKES ARE TO BE INSTALLED DOWNSTREAM FROM EACH OF THE MANHOLES/CATCH BASINS. THESE DYKES SHOULD EXTEND FROM THE BASE OF THE SERVICE TRENCH TO THE SUBGRADE LEVEL, HAVING MIN. WIDTH OF 1.0m. REFER TO GEOTECHNICAL REPORT FOR FURTHER DETAILS.

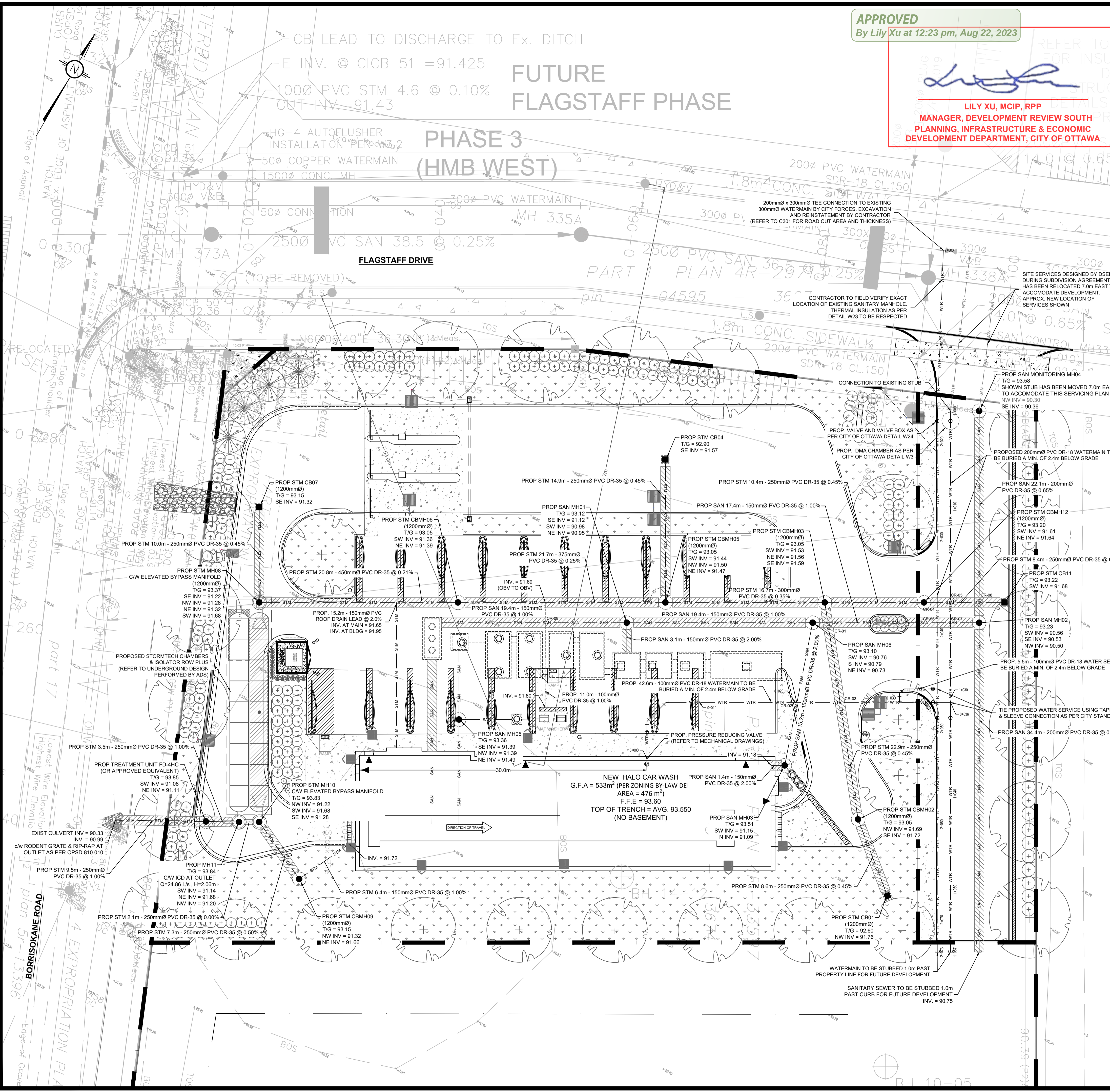
Crossing Table

Crossing #	WM	STM	SAN	Depth Separation (m)
CR-01	N/A	91.74 (inv.)	90.87 (obv.)	0.87
CR-02	91.63 (inv.)	N/A	91.11 (obv.)	0.52
CR-03	90.92 (obv.)	91.77 (inv.)	N/A	0.85
CR-04	91.04 (obv.)	91.79 (inv.)	N/A	0.75
CR-05	91.03 (obv.)	91.79 (inv.)	N/A	0.76
CR-06	91.27 (inv.)	N/A	90.75 (obv.)	0.52
CR-07	91.28 (inv.)	N/A	90.74 (obv.)	0.54
CR-08	N/A	91.81 (inv.)	90.64 (obv.)	1.17
CR-09	N/A	91.87 (inv.)	91.22 (obv.)	0.65

WM crossing above sewer per City STD W25.2
WM crossing below sewer per City STD W25

Watermain Table

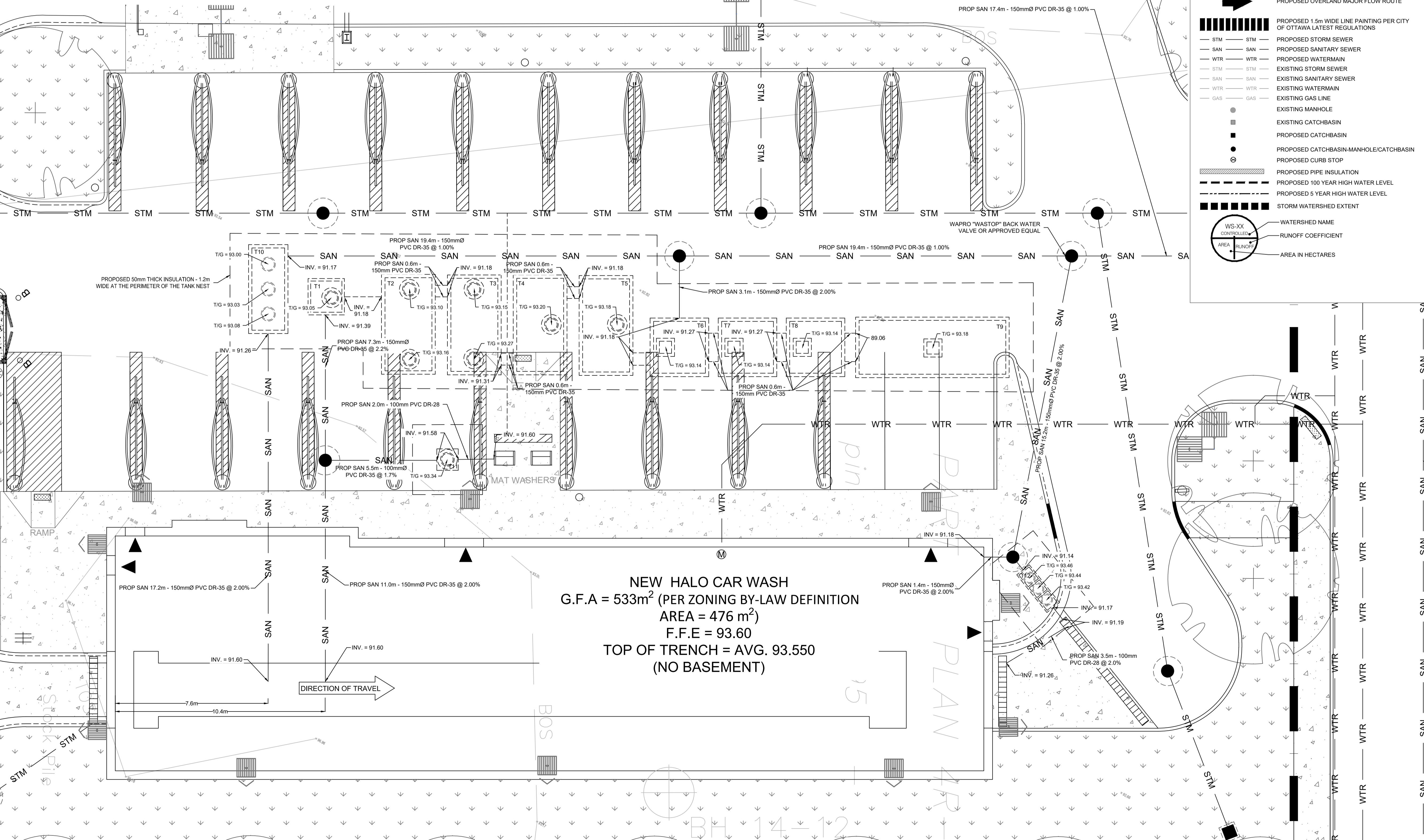
Description	Chainage	Finish Grade	Obvert of Watermain	Cover (m)
100mm Water Service	0+00	93.41	91.01	2.40
45° Bend	0+04	93.34	90.94	2.40
45° Bend	0+07	93.27	90.87	2.40
100mm Water Service	0+10	93.32	90.92	2.40
100mm Water Service	0+20	93.25	91.63	1.62
100mm Water Service	0+30	93.37	90.97	2.40
Tee	0+36	93.05	90.65	2.40
200mm Watermain	1+00	93.56	91.16	2.40
200mm Watermain	1+10	93.35	90.95	2.40
200mm Watermain	1+20	93.17	90.77	2.40
200mm Watermain	1+30	93.05	90.65	2.40
Tee	1+31	93.04	90.64	2.40
200mm Watermain	1+40	93.02	90.62	2.40
200mm Watermain	1+50	93.15	90.75	2.40
200mm Watermain	1+57	92.75	90.35	2.40
200mm Watermain	2+00	94.02	91.62	2.40
200mm Watermain	2+10	93.60	91.20	2.40
200mm Watermain	2+20	93.50	91.10	2.40
200mm Watermain	2+30	93.30	90.90	2.40
200mm Watermain	2+40	93.15	90.75	1.68
200mm Watermain	2+46	93.10	90.70	2.40
200mm Watermain	2+50	93.05	90.65	2.40
200mm Watermain	2+60	93.10	90.70	2.40
200mm Watermain	2+70	93.25	90.85	2.40
200mm Watermain	2+73	92.75	90.35	2.40



List of Underground Tanks

Water Reclamation Tanks			
For Validation	Tank ID	Tank Name	Model
	T1	Wilkinson Sand Tank	Wilkinson Model H4H
	T2	Wilkinson Settling Tank	Wilkinson Model H22.2H
	T3	Wilkinson Settling Tank	Wilkinson Model H22.2H
	T4	Wilkinson Settling Tank	Wilkinson Model H22.2H
	T5	Wilkinson Settling Tank	Wilkinson Model H22.2H
	T6	Wilkinson Aeration Tank	Wilkinson Model 2.5M
	T7	Wilkinson Clean Water Tank	Wilkinson Model 2.5M
	T8	Wilkinson Clarifier Tank	Wilkinson Model 2.5M
	T9	Wilkinson Biological Tank	Wilkinson Model H50.1S
Sediment Trap and other tanks on site			
	T10	Wilkinson Oil Grit Separator	Wilkinson Model 1075
	T11	Wilkinson Mat Washer Grit Tank	Wilkinson Model H1.35S
	T12	Wilkinson Oil Interceptor	Wilkinson Model 230

NOTE: FOR ADDITIONAL INFORMATION, REFER TO WATER RECLAMATION SYSTEM DESIGN BY AQUA BIO. ALL THE PROPOSED UNDERGROUND WILKINSON TANKS TO BE TRAFFIC RATED AND TO BE PROPERLY INSTALLED AS PER WILKINSON INSTALLATIONS GUIDELINES.



APPROVED
By Lily Xu at 12:23 pm, Aug 22, 2023

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01	ISSUED FOR APPROVAL	M.L.	22 APR 2022

NOT AUTHENTIC UNLESS SIGNED AND DATED

LRL
ENGINEERING | INGÉNIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

CLIENT: **HALO CAR WASH INC.**

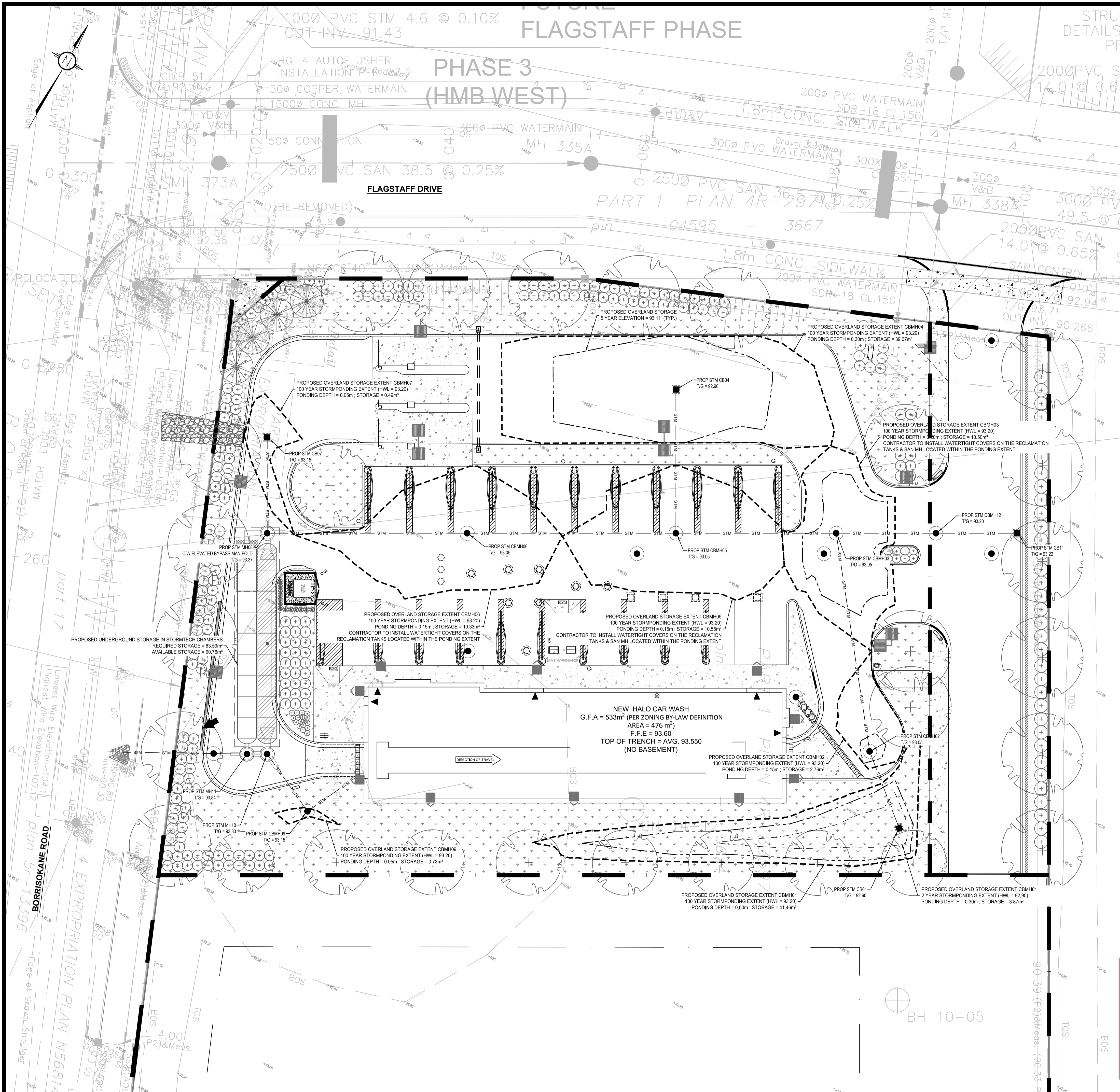
DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

PROJECT: **HALO CAR WASH**
3555 BORRISOKANE RD
BARRHAVEN, ON

DRAWING TITLE: **CAR WASH WASTEWATER TREATMENT & RECLAMATION SYSTEM**

PROJECT NO: 210691 DATE: JANUARY 2022

C402



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5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

APPROVED
By Lily Xu at 12:23 pm, Aug 22, 2023

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

CLIENT: HALO CAR WASH INC.

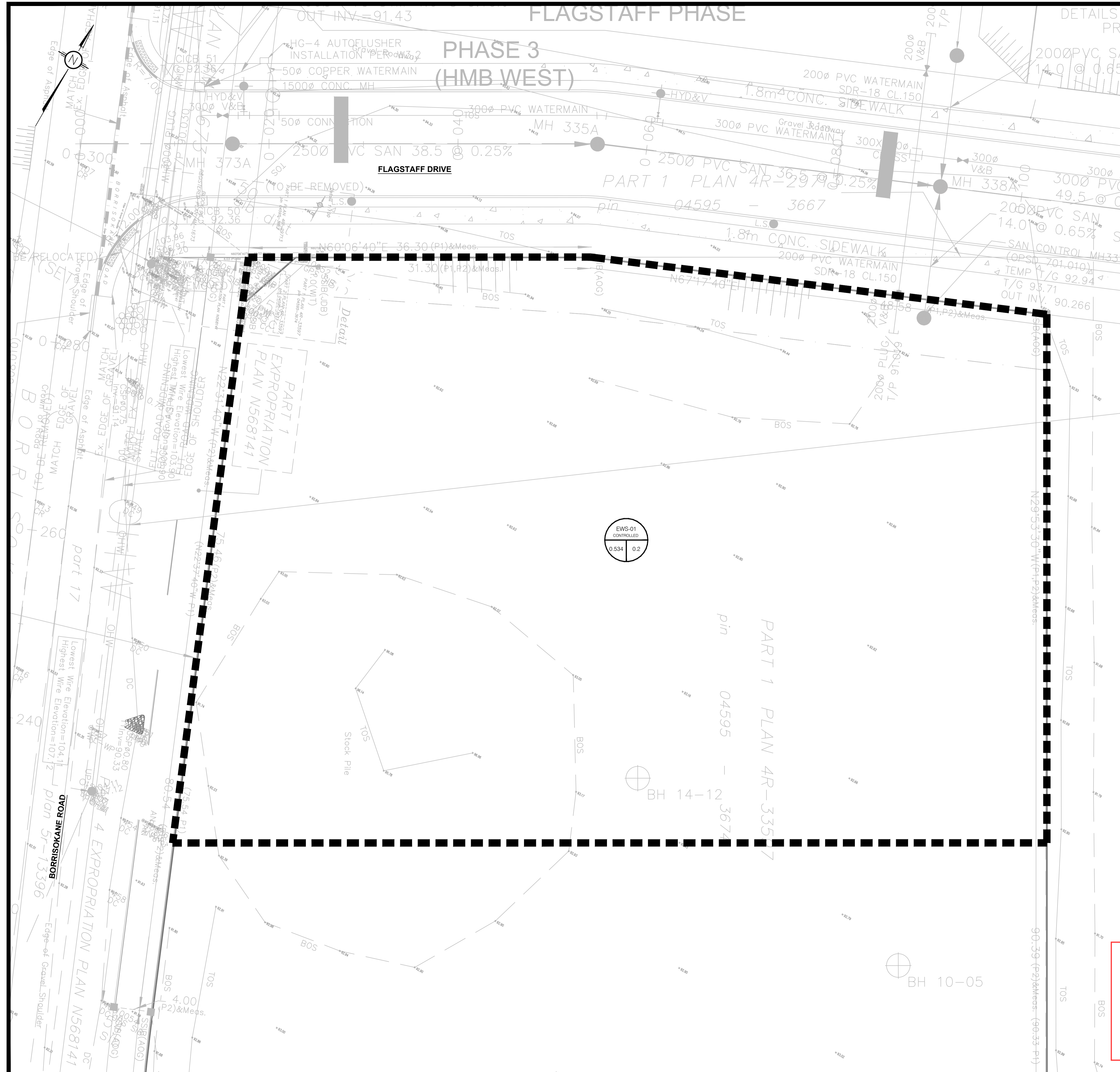
DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

PROJECT: HALO CAR WASH
3555 BORRISOKANE RD
BARRHAVEN, ON

DRAWING TITLE: STORMWATER MANAGEMENT PLAN

PROJECT NO: 210691 DATE: JANUARY 2022

C601



LEGEND:

- EXISTING PROPERTY LINE TO REMAIN
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED TERRACING (3:1 MIN.)
- PROPOSED SILT FENCE AS PER OPSD 219.110
- PROPOSED DOOR ENTRANCE/EXIT
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- PROPOSED CONCRETE FEATURES/SLAB
- PROPOSED HEAVY DUTY ASPHALT
- PROPOSED LIGHT DUTY ASPHALT
- PROPOSED RIP RAP
- PROPOSED ELEVATION
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- EXISTING MANHOLE
- EXISTING CATCHBASIN
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- WATERSHED NAME
- RUNOFF COEFFICIENT
- AREA IN HECTARES

USE AND INTERPRETATION OF DRAWINGS

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BY USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE OWNER CONFIRMS THAT HE HAS REVIEWED AND APPROVED THE DRAWINGS. THE CONTRACTOR CONFIRMS THAT HE HAS VISITED THE SITE, FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS, VERIFIED FIELD DIMENSIONS AND CORRELATED HIS OBSERVATIONS WITH THE CONTRACT DOCUMENTS.

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SCALE: 1:200

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APPROVED
By Lily Xu at 12:23 pm, Aug 22, 2023

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
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DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

NOT AUTHENTIC UNLESS SIGNED AND DATED

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5430 Canotek Road | Ottawa, ON, K1J 9G2
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CLIENT: **HALO CAR WASH INC.**

DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

PROJECT: **HALO CAR WASH
3555 BORRISOKANE RD
BARRHAVEN, ON**

DRAWING TITLE: **PRE-DEVELOPMENT
WATERSHED PLAN**

PROJECT NO: 210691 DATE: JANUARY 2022

C701

#18788

FLAGSTAFF PHASE

PHASE 3 (HMB WEST)

FLAGSTAFF DRIVE

NEW HALO CAR WASH
G.F.A = 533m² (PER ZONING BY-LAW DEFINITION)
AREA = 476 m²
F.F.E = 93.60
TOP OF TRENCH = AVG. 93.550
(NO BASEMENT)

LEGEND:

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www.lrl.ca | (613) 842-3434

CLIENT
HALO CAR WASH INC.

DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

PROJECT
HALO CAR WASH
3555 BORRISOKANE RD
BARRHAVEN, ON

DRAWING TITLE
POST-DEVELOPMENT WATERSHED PLAN

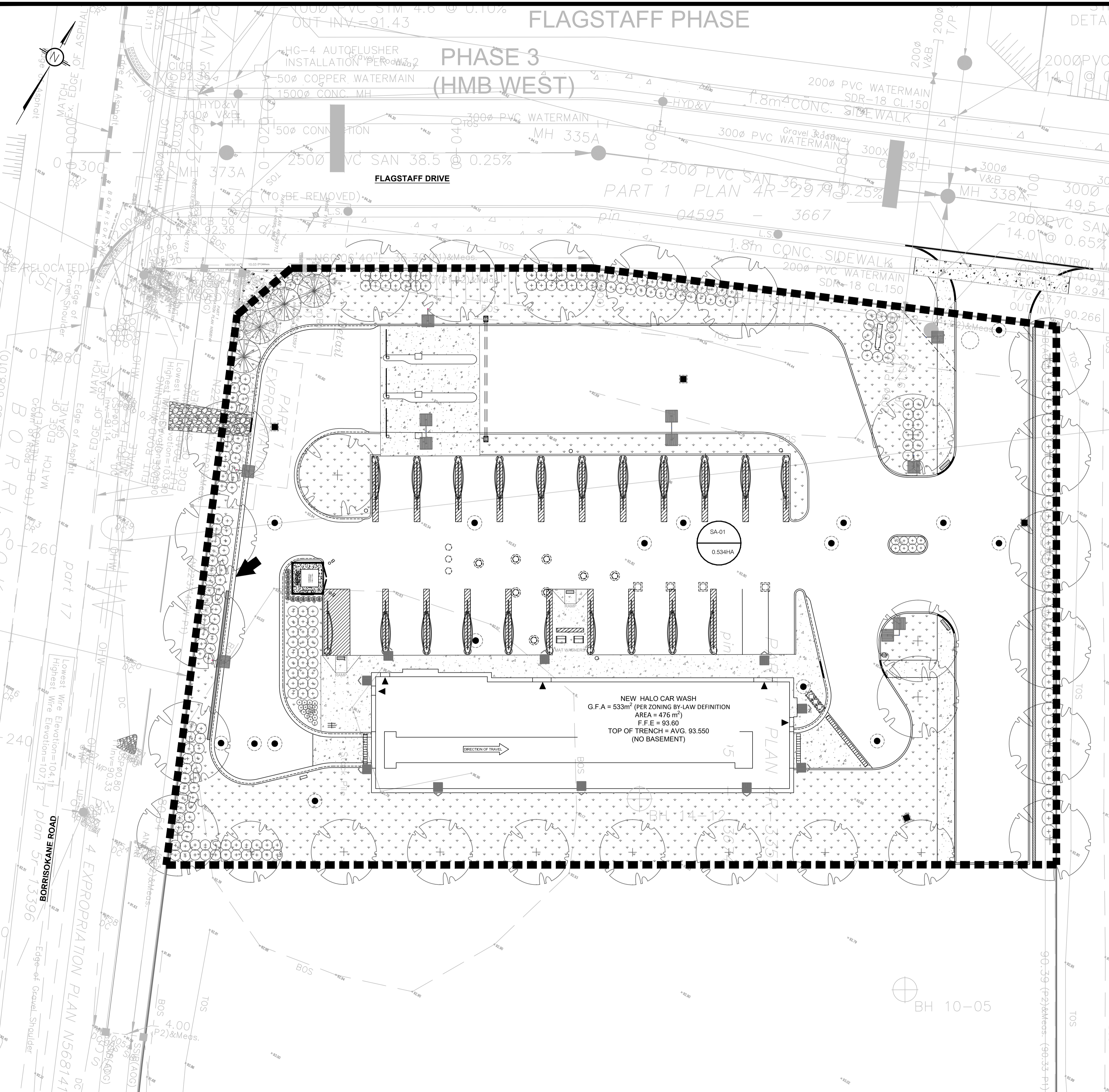
PROJECT NO. 210691
DATE JANUARY 2022
C702

APPROVED
By Lily Xu at 12:32 pm, Aug 22, 2023

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

D07-12-22-0085

#1878



LEGEND:

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DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

PROJECT: HALO CAR WASH
3555 BORRISOKANE RD
BARRHAVEN, ON

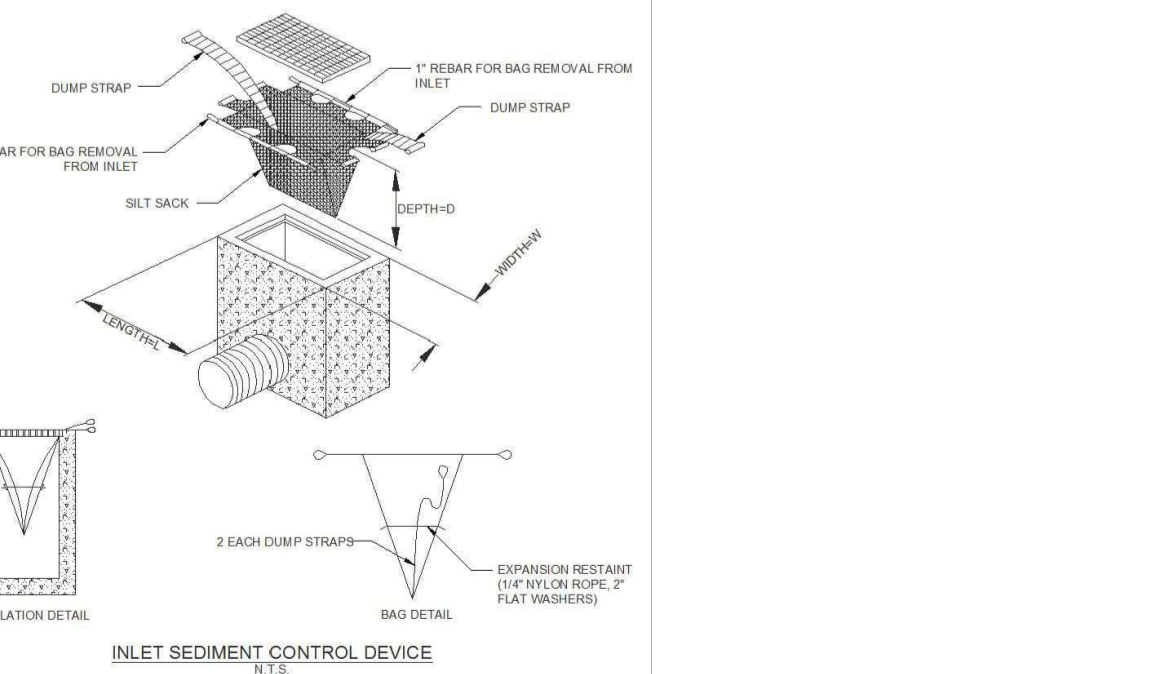
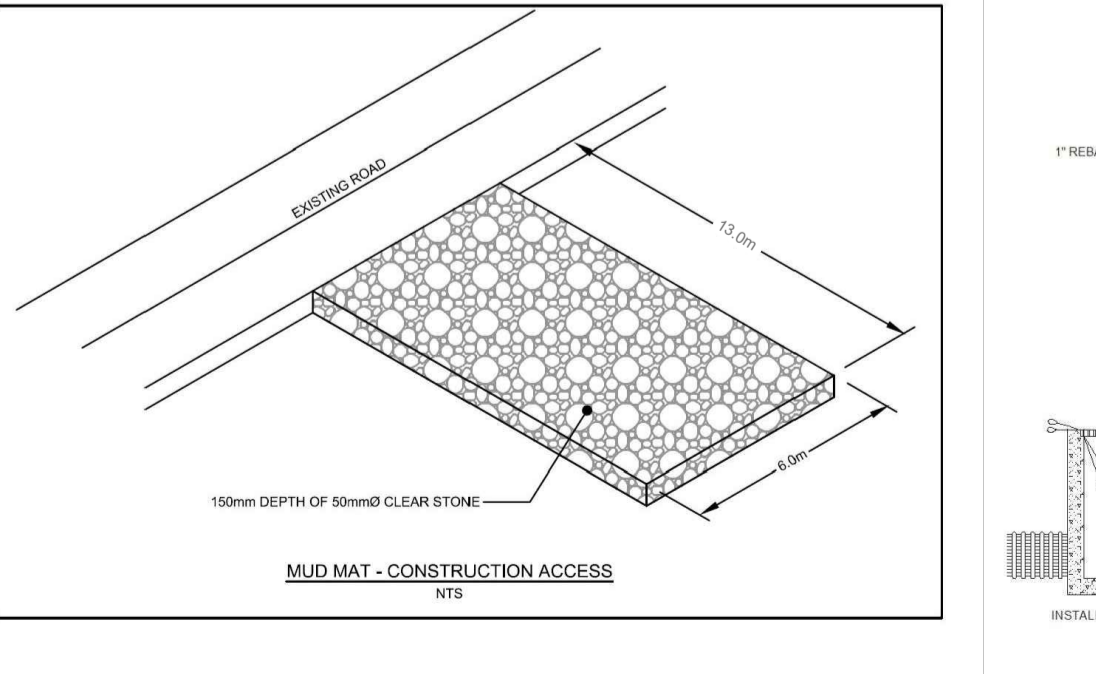
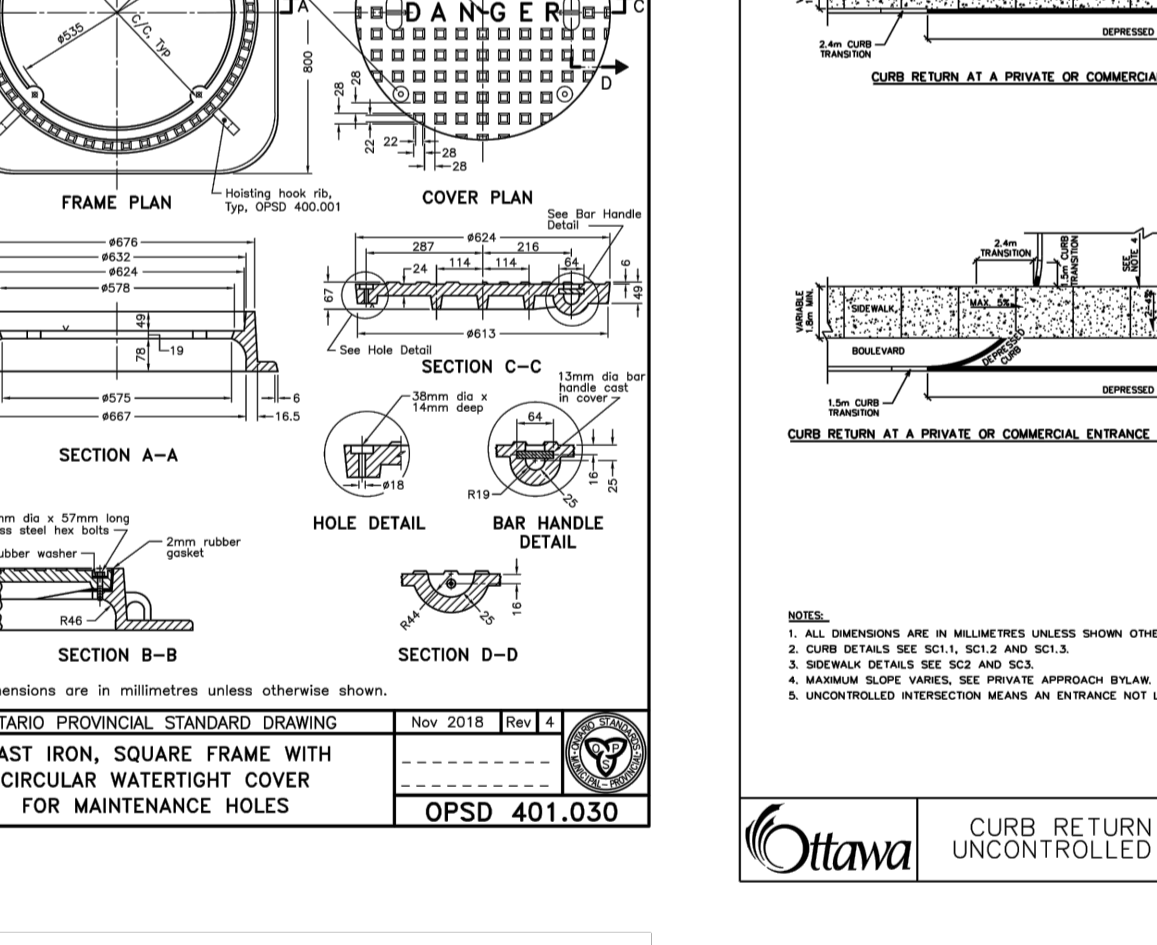
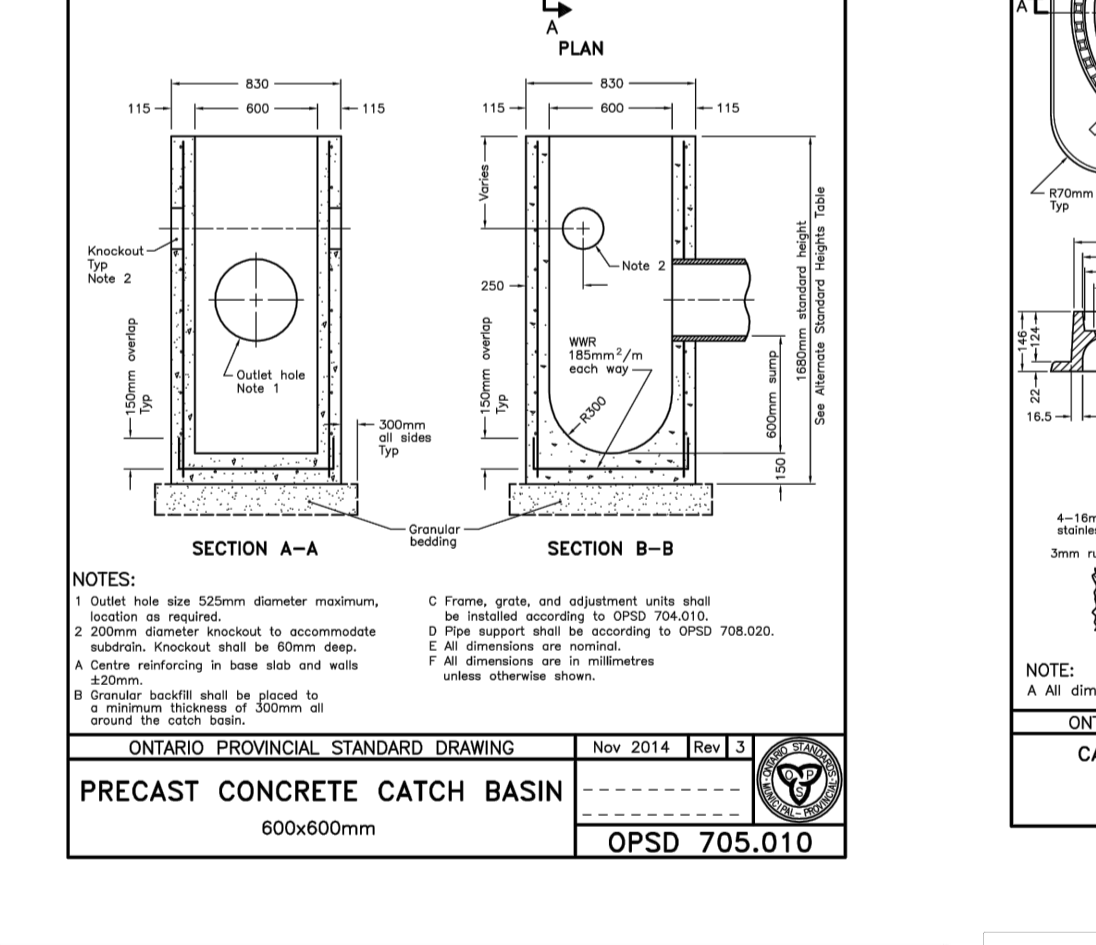
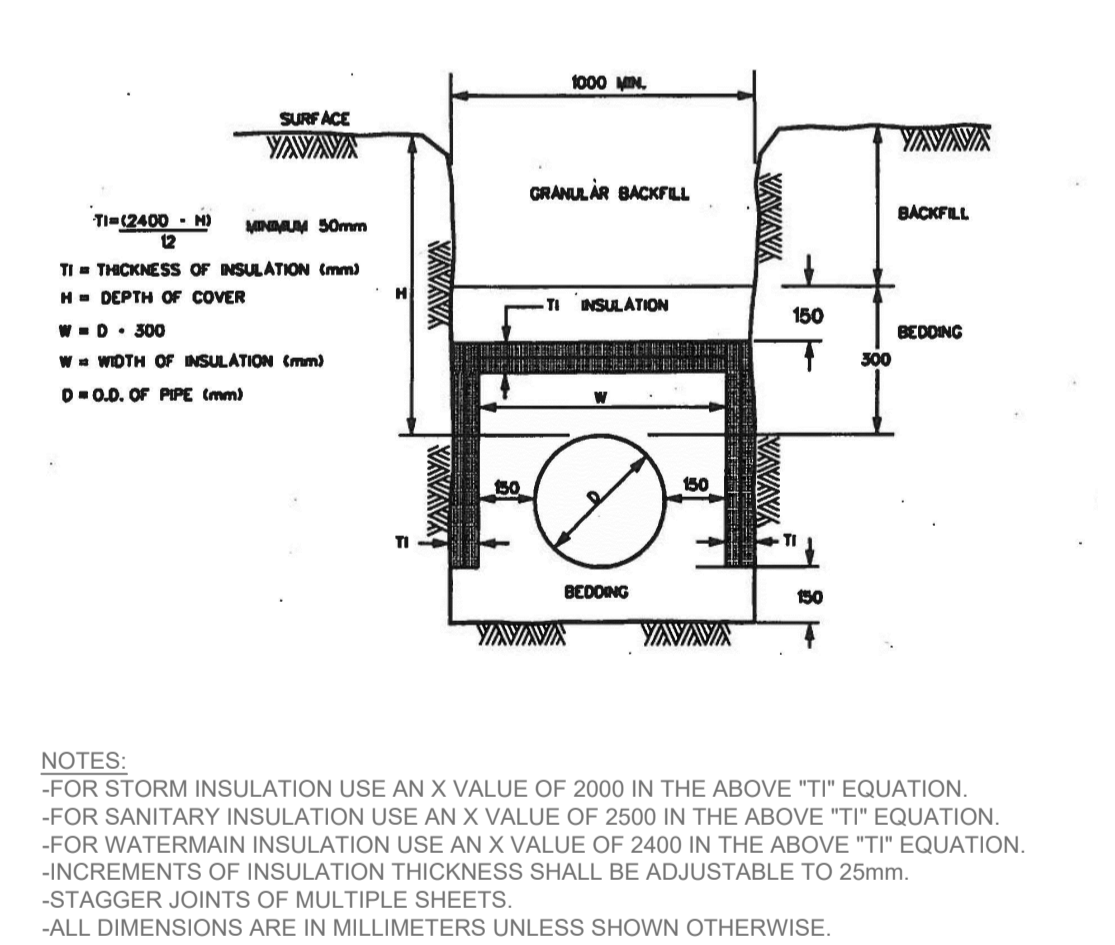
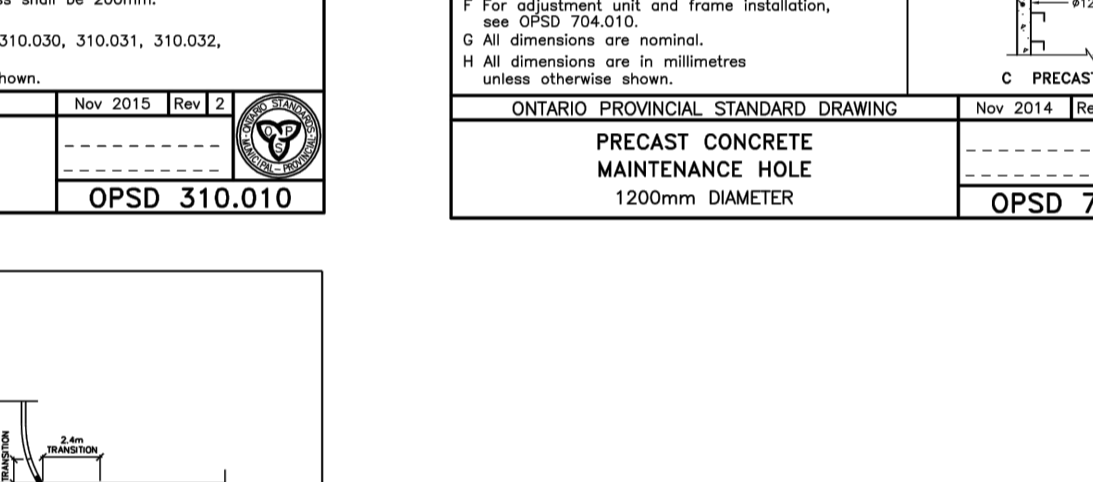
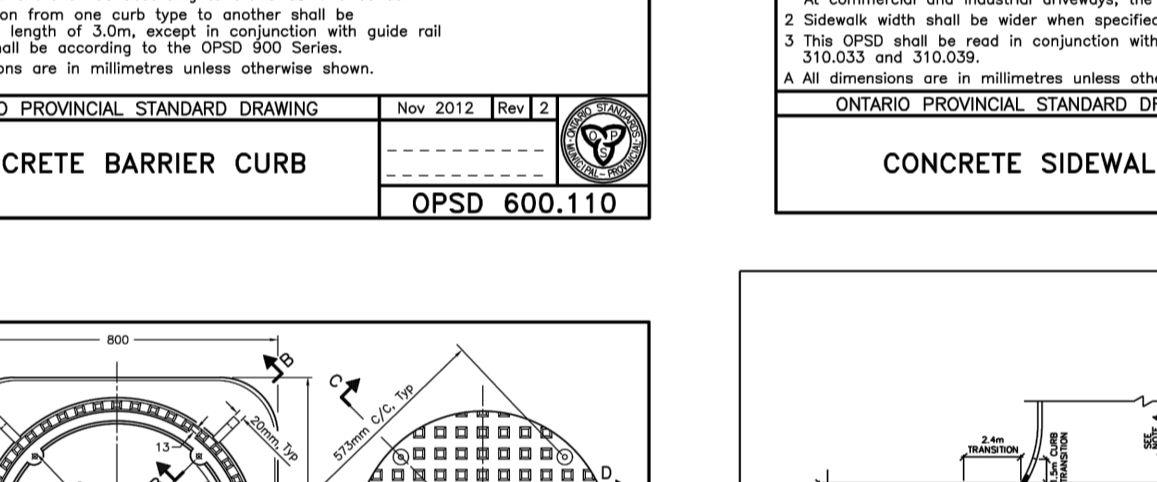
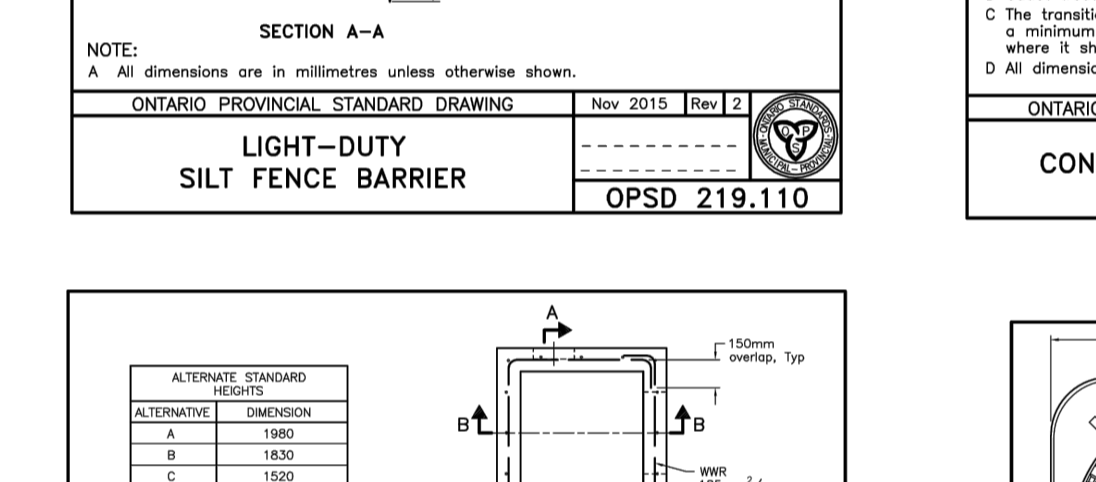
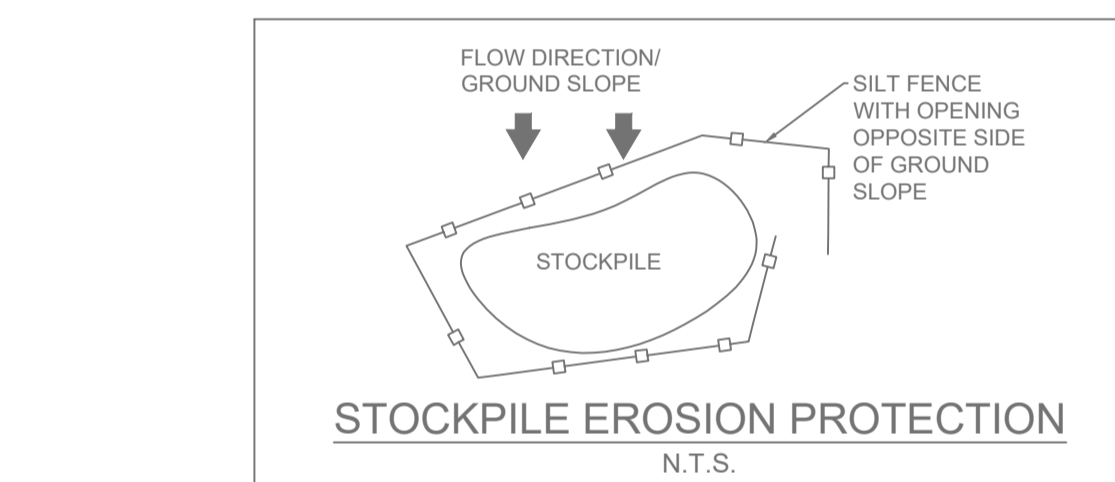
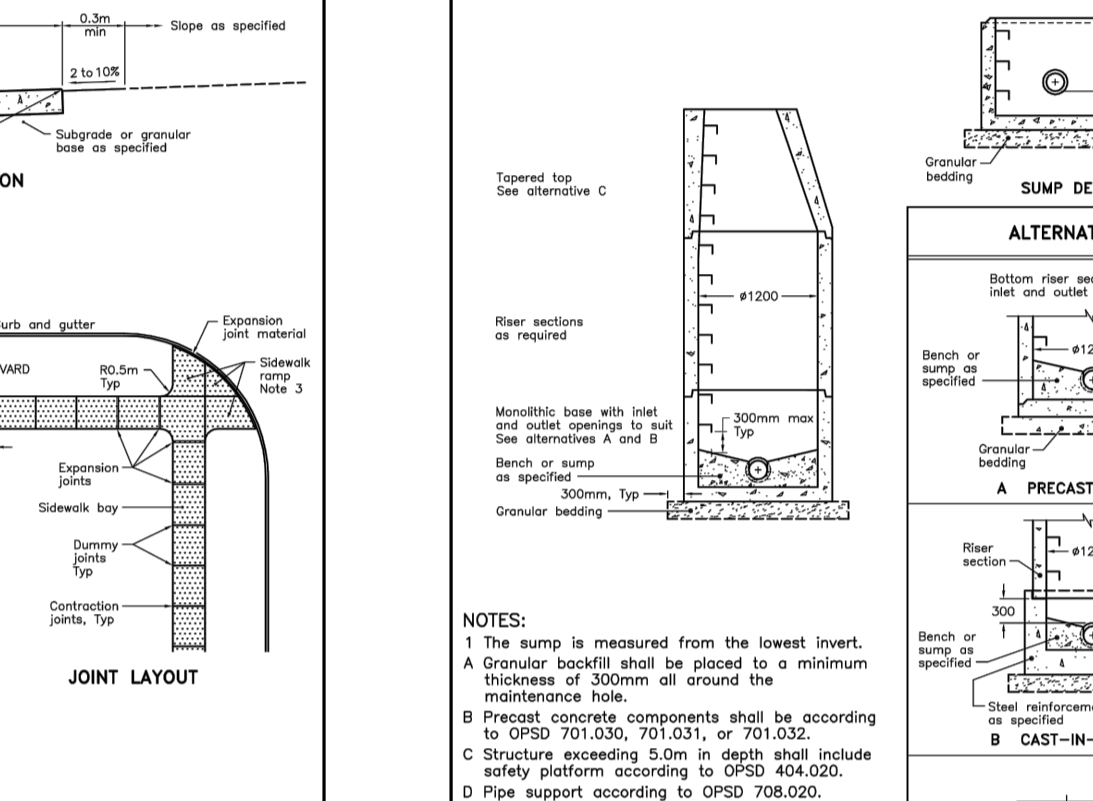
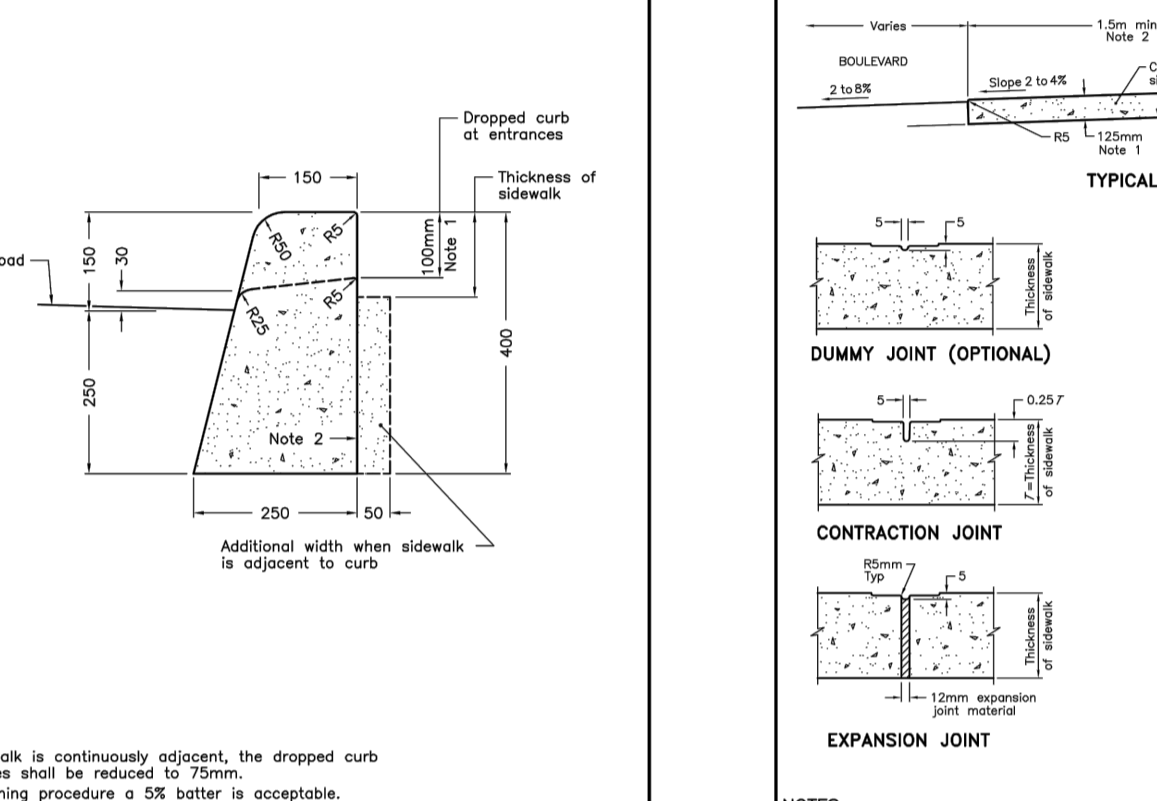
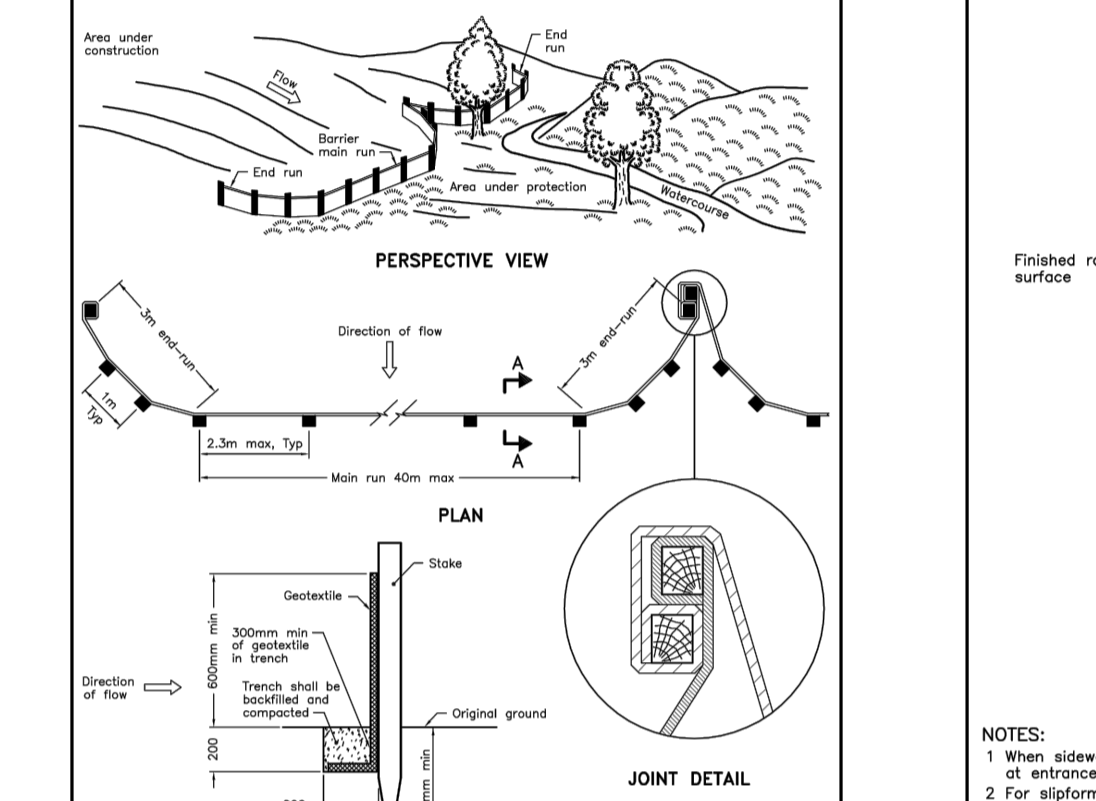
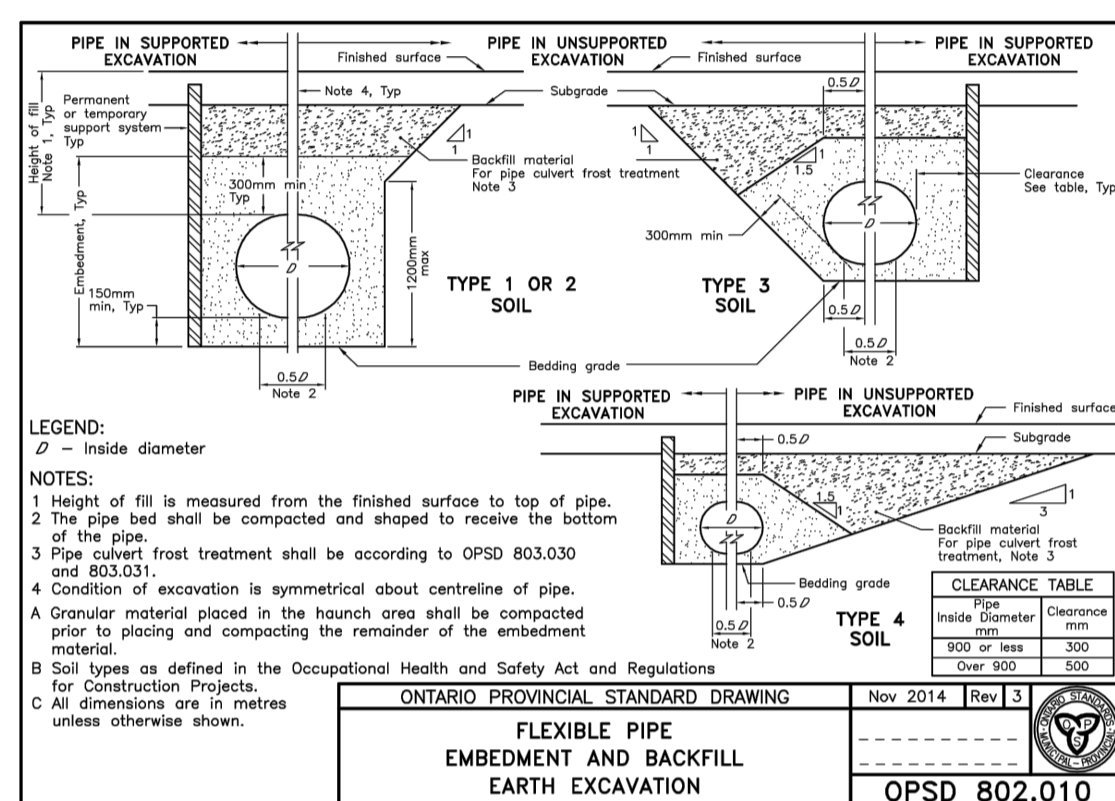
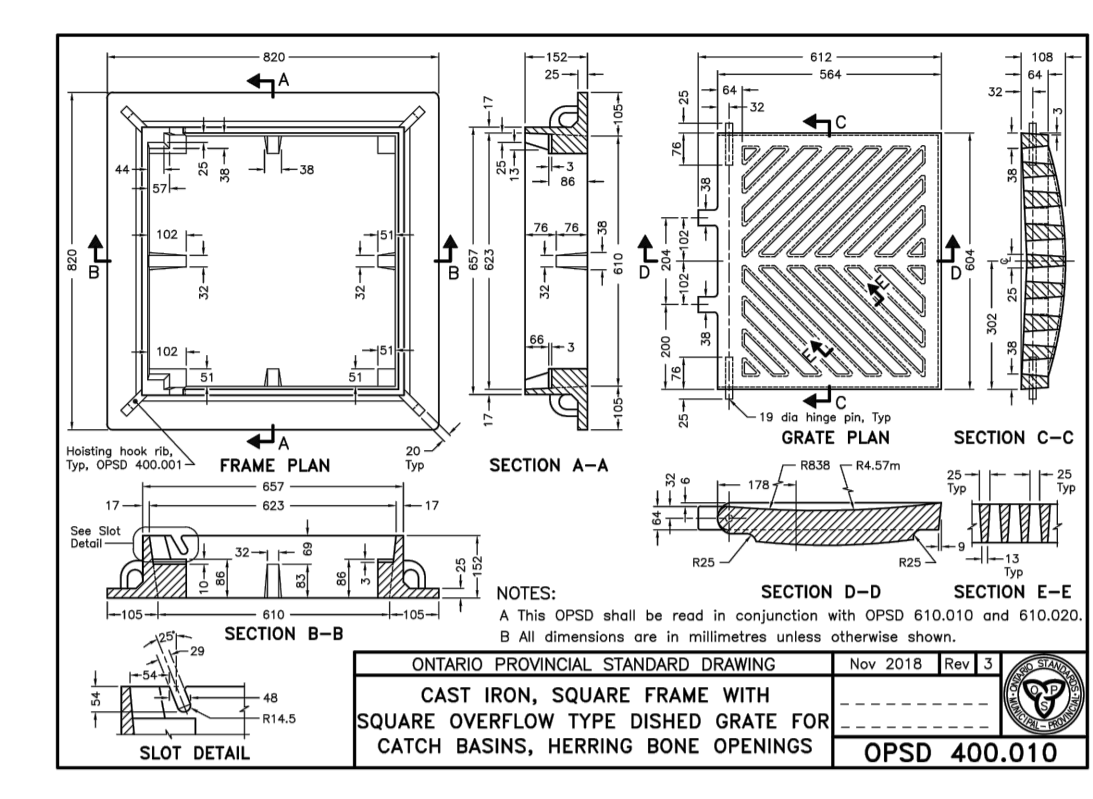
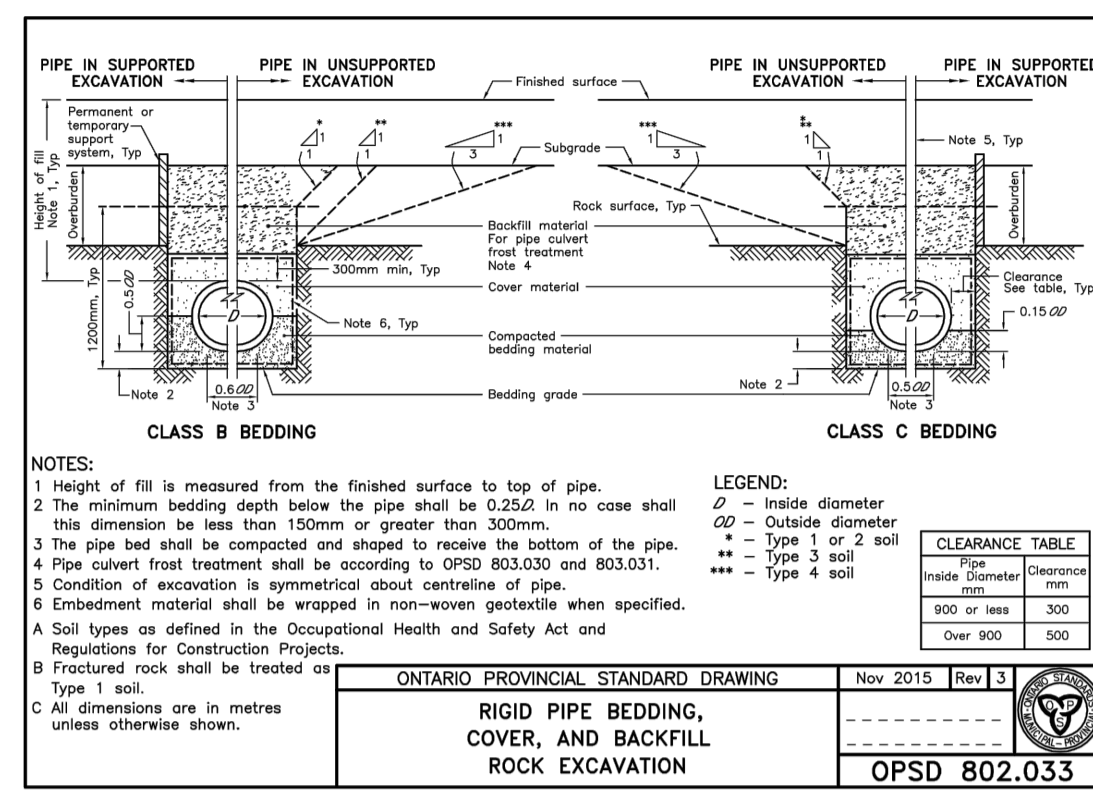
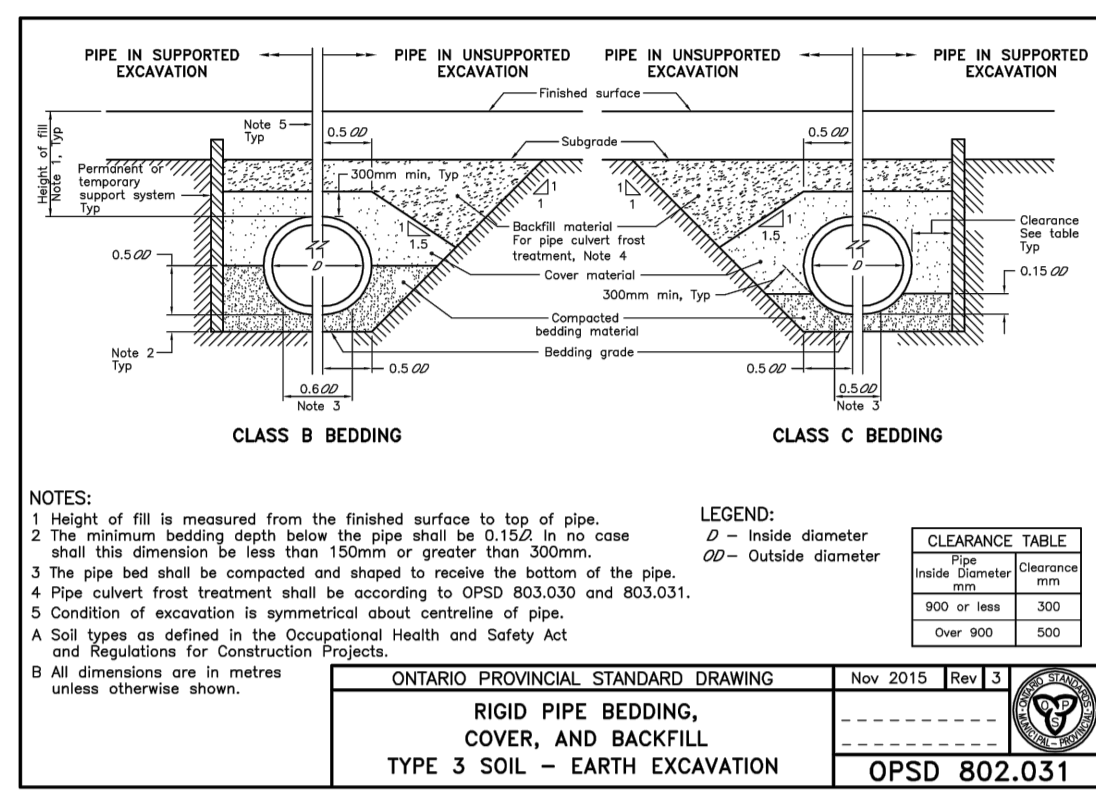
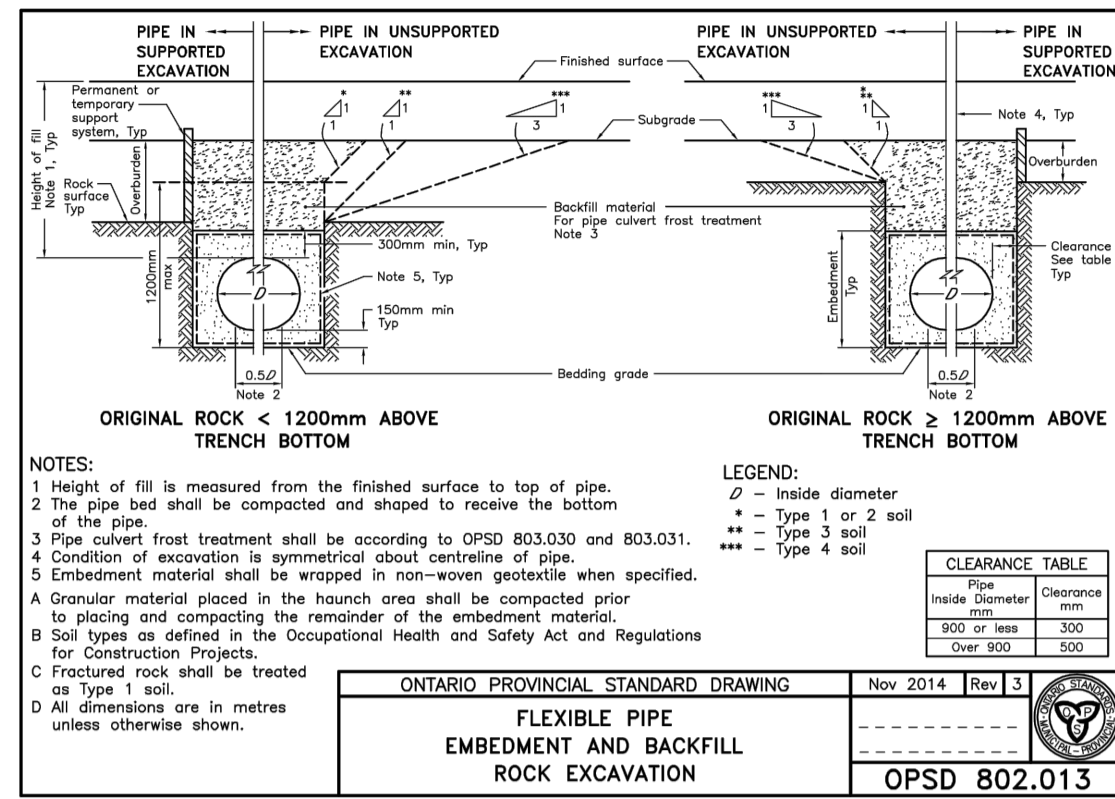
DRAWING TITLE: SANITARY DRAINAGE AREA

PROJECT NO: 210691
DATE: JANUARY 2022

APPROVED
By Lily Xu at 12:32 pm, Aug 22, 2023

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

#18788



APPROVED
 By Lily Xu at 12:33 pm, Aug 22, 2023

LILY XU, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW SOUTH
 PLANNING, INFRASTRUCTURE & ECONOMIC
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

USE AND INTERPRETATION OF DRAWINGS

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SUBJECT FOR APPROVAL

No.	REVISIONS	BY	DATE
11	RE-ISSUED FOR APPROVAL	M.L.	07 JULY 2023
10	RE-ISSUED FOR APPROVAL	M.L.	23 MAY 2023
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08	ISSUED FOR COMMITTEE OF ADJUSTMENT	M.L.	08 MAY 2023
07	RE-ISSUED FOR APPROVAL	P.P.	31 MAR 2023
06	RE-ISSUED FOR APPROVAL	P.P.	31 MAR 2023
05	RE-ISSUED FOR APPROVAL	P.P.	22 FEB 2023
04	RE-ISSUED FOR APPROVAL	P.P.	17 NOV 2022
03	REVISED FLOOR AREA FOR M.V. APPLICATION	P.P.	13 JULY 2022
02	REVISED FLOOR AREA FOR M.V. APPLICATION	P.P.	23 JUNE 2022
01	ISSUED FOR APPROVAL	M.L.	22 APR 2022

NOT AUTHENTIC UNLESS SIGNED AND DATED

LRL
 ENGINEERING | INGENIERIE
 5430 Canotek Road | Ottawa, ON, K1J 9G2
 www.lrl.ca | (613) 842-3434

CLIENT: **HALO CAR WASH INC.**

DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

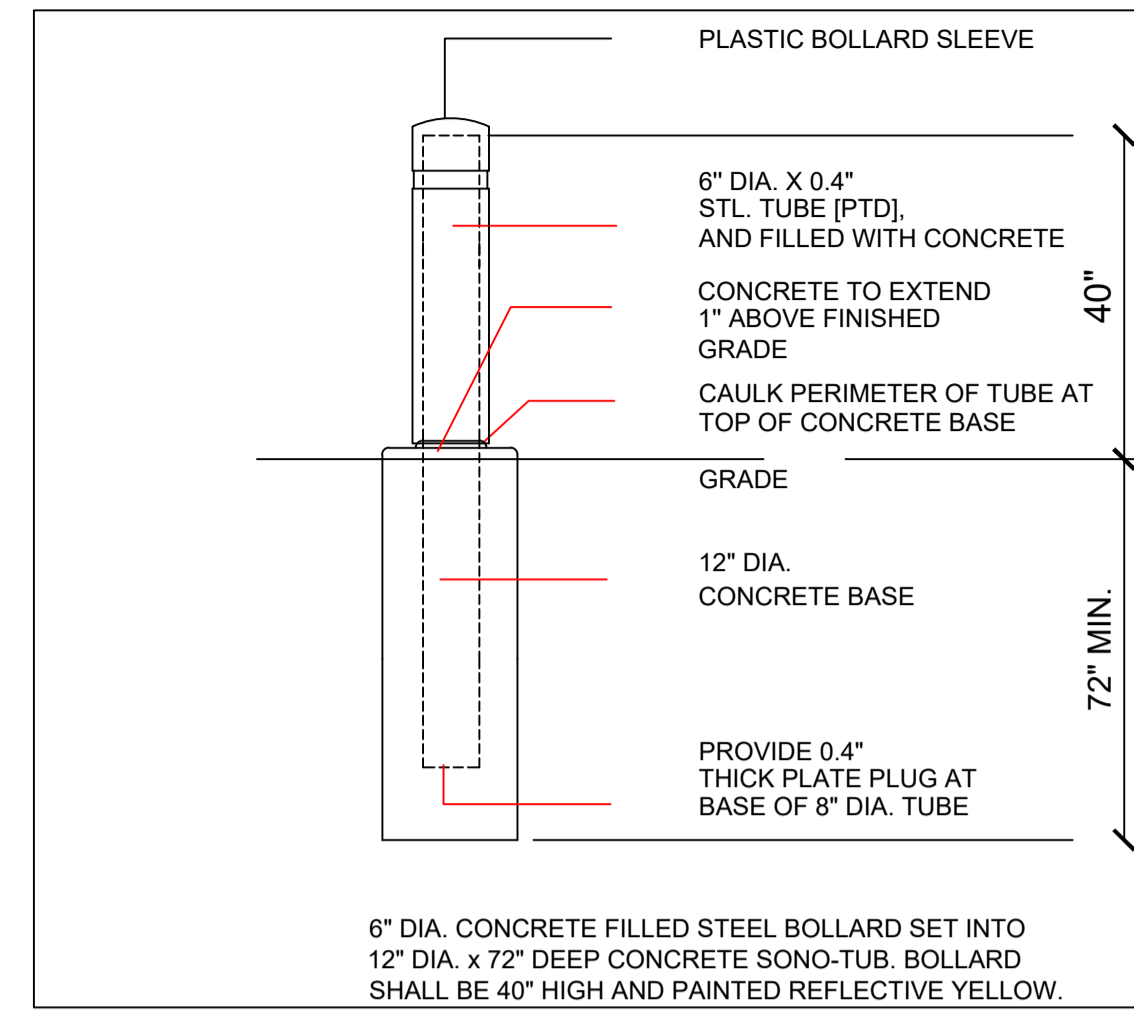
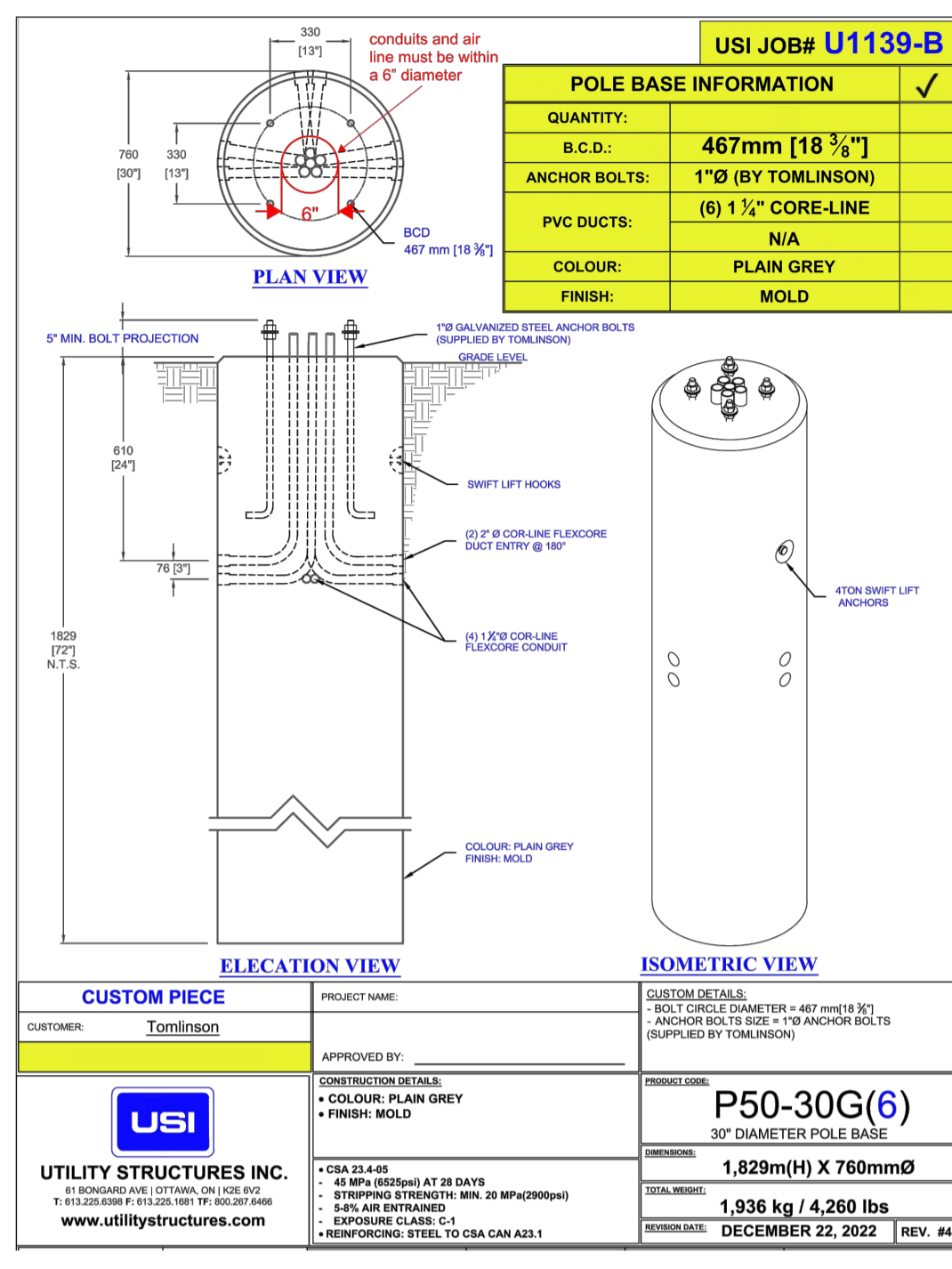
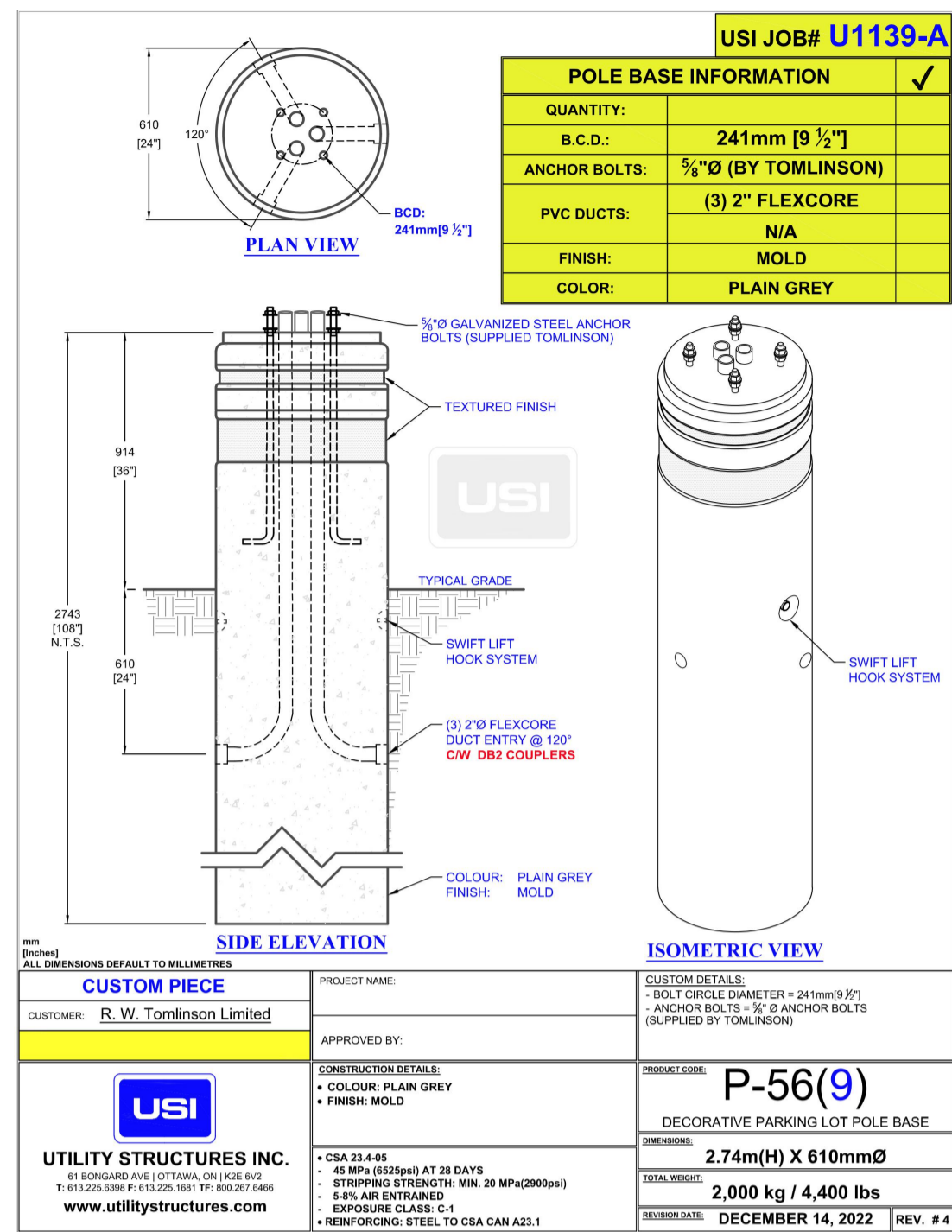
PROJECT: **HALO CAR WASH 3555 BORRISOKANE RD BARRHAVEN, ON**

DRAWING TITLE: **CONSTRUCTION DETAIL PLAN**

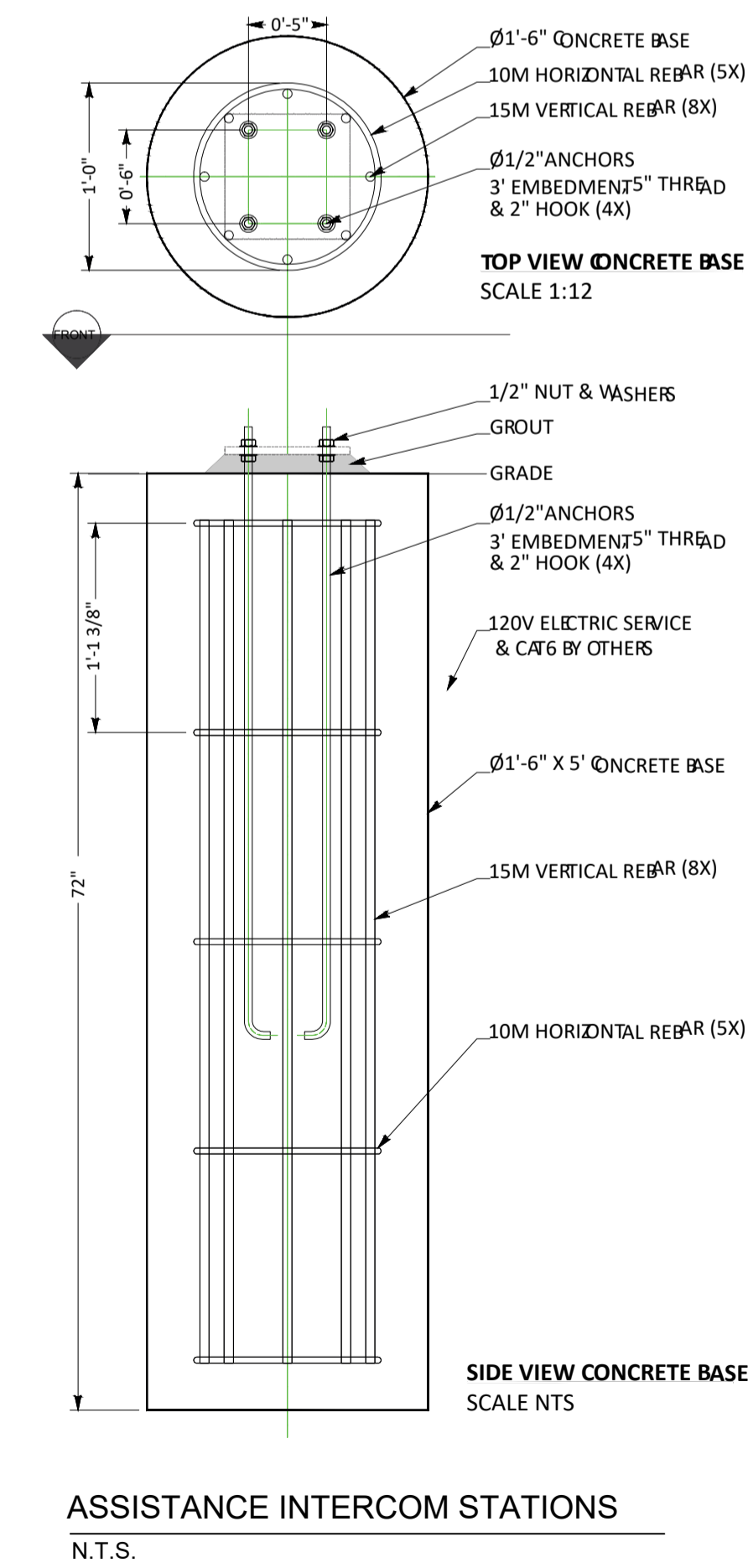
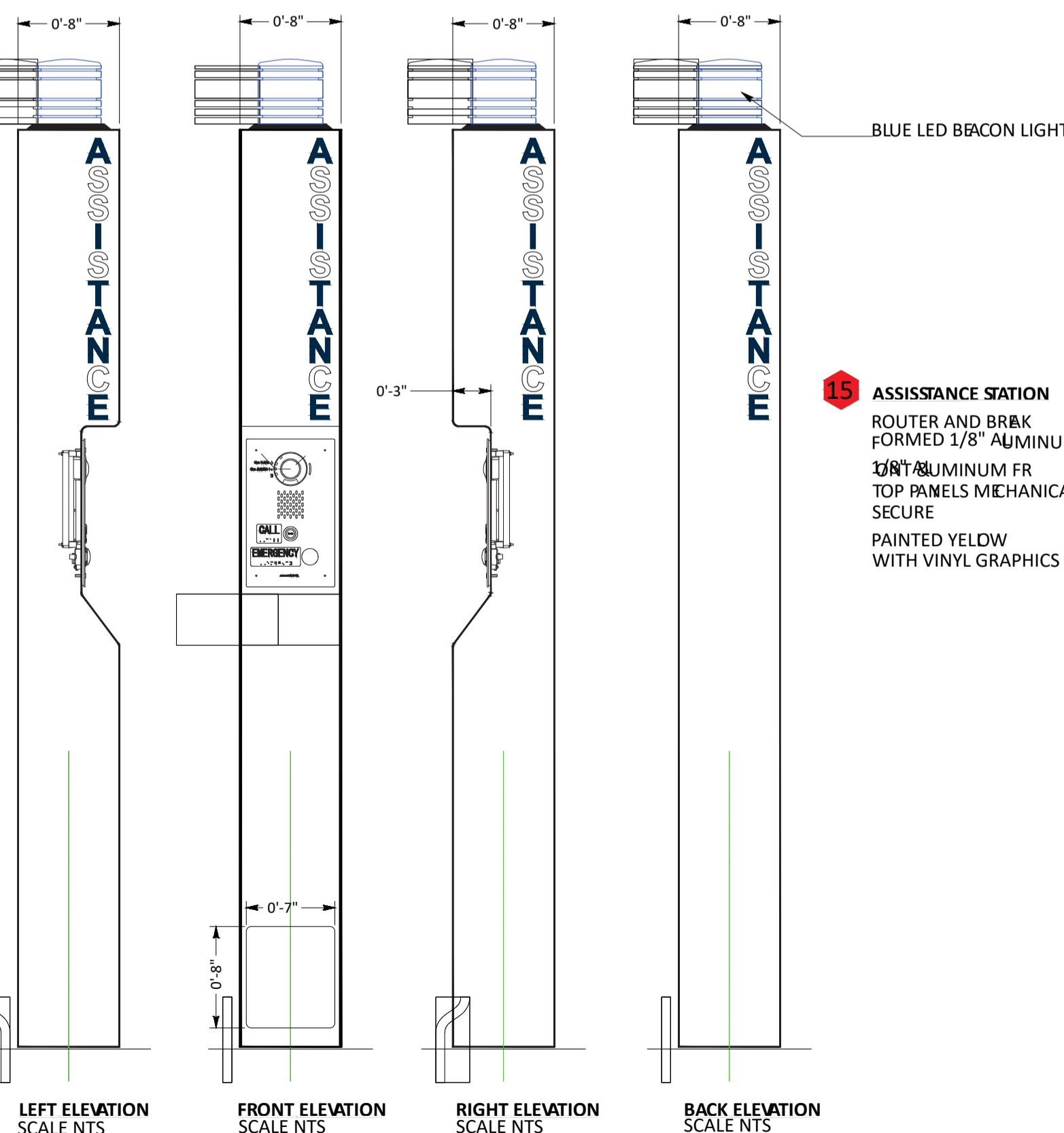
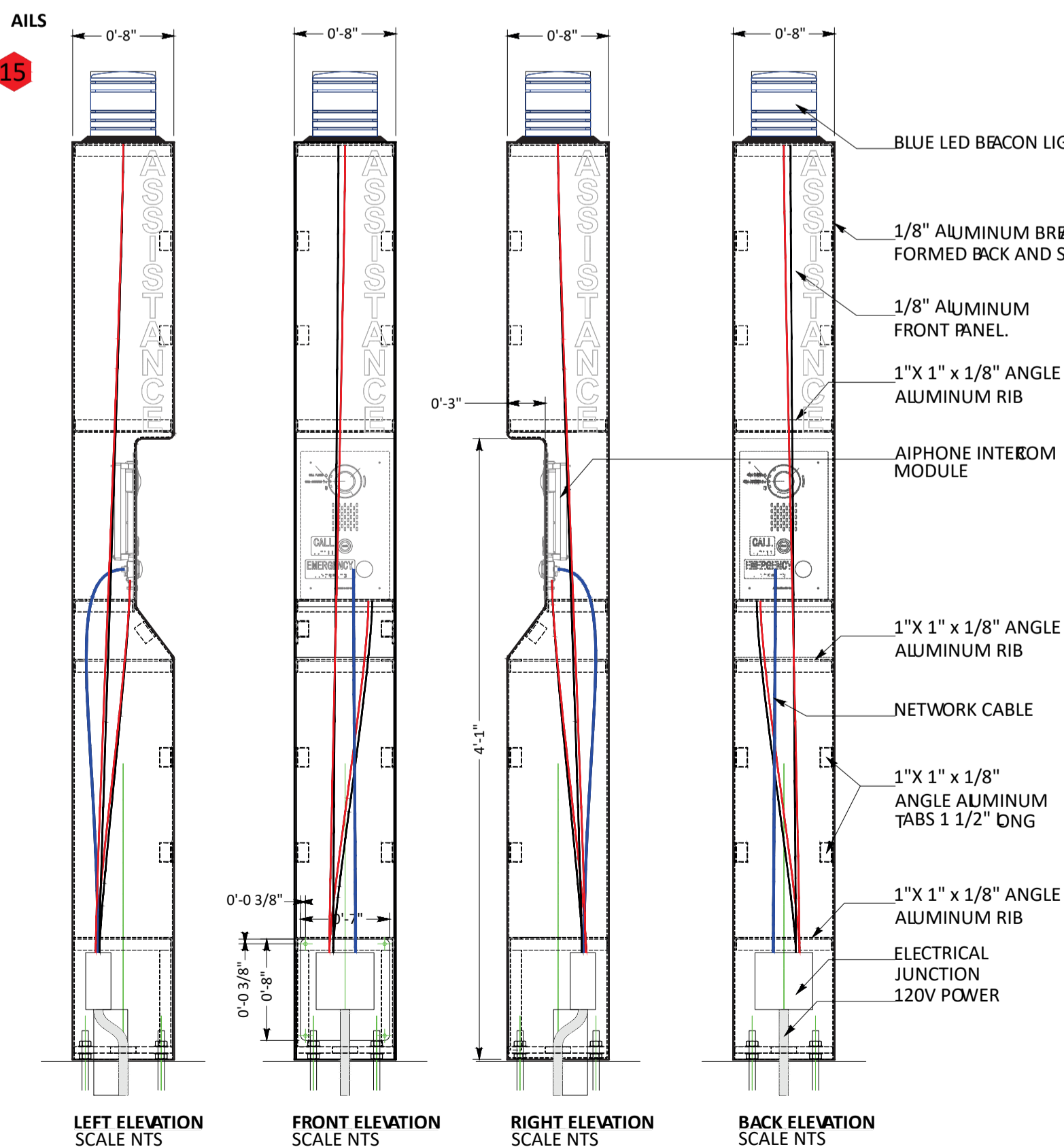
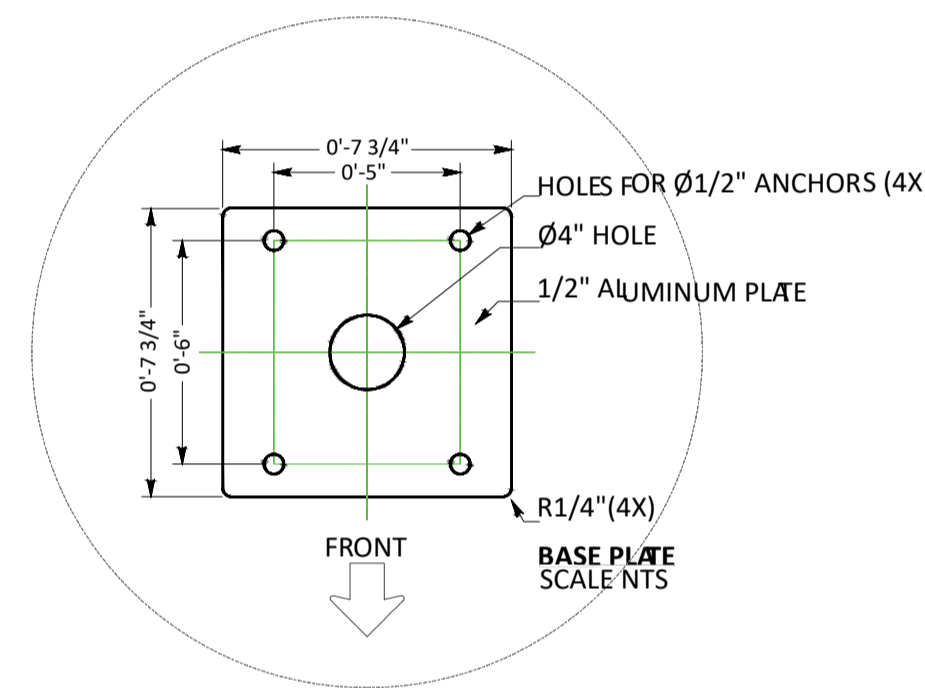
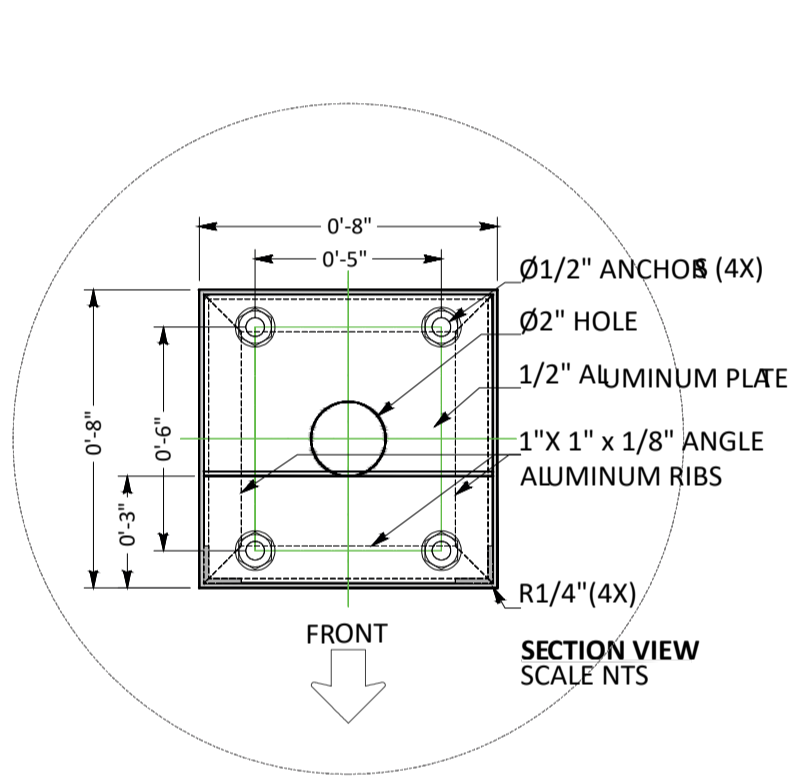
PROJECT NO: 210691 DATE: JANUARY 2022

C901

D07-12-22-0085 #18788



BOLLARD DETAIL
N.T.S.



ASSISTANCE INTERCOM STATIONS
N.T.S.

ASSISTANCE INTERCOM STATIONS
N.T.S.

NOTE:
DETAIL TO BE VERIFIED AND STAMPED BY A STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION

APPROVED
By Lily Xu at 12:33 pm, Aug 22, 2023

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

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03	REVISED FLOOR AREA FOR MV APPLICATION	P.P.	13 JULY 2022
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01	ISSUED FOR APPROVAL	M.L.	22 APR 2022



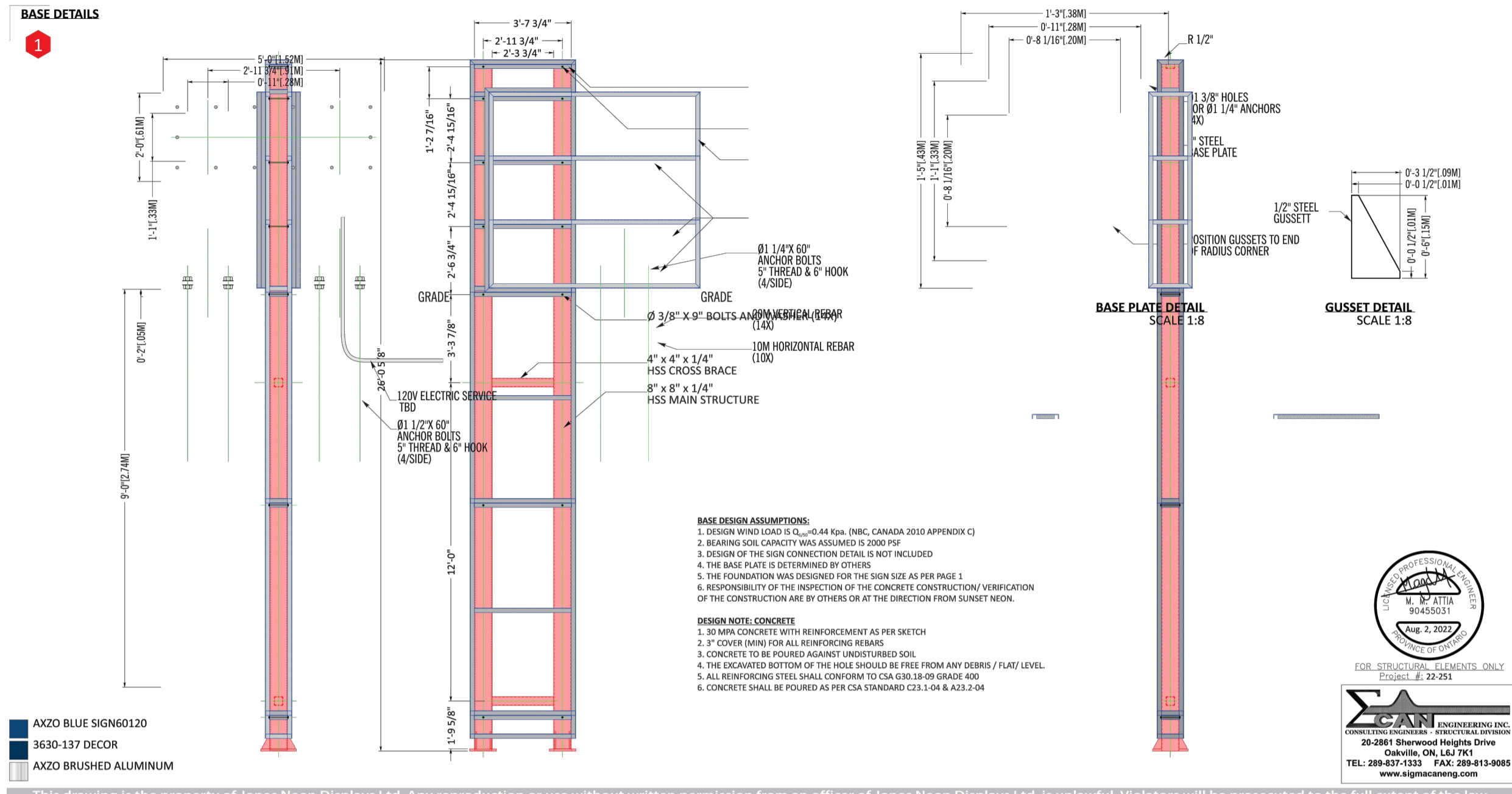
NOT AUTHENTIC UNLESS SIGNED AND DATED



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www.lrl.ca | (613) 842-3434

CLIENT
HALO CAR WASH INC.
DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.
PROJECT
HALO CAR WASH
3555 BORRISOKANE RD
BARRHAVEN, ON

DRAWING TITLE
CONSTRUCTION DETAIL PLAN
PROJECT NO.
210691
DATE
JANUARY 2022
C902



BASE DESIGN ASSUMPTIONS:

- DESIGN WIND LOAD IS 100 psf (NBC CANADA 2010 APPENDIX C)
- BEARING SOIL CAPACITY WAS ASSUMED IS 2000 PSF
- DESIGN OF THE SIGN CONNECTION IS NOT INCLUDED
- THE BASE PLATE IS DETERMINED BY OTHERS
- THE FOUNDATION HAS BEEN DESIGNED FOR THE SIGN SIZE AS PER PAGE 1
- RESPONSIBILITY OF THE INSPECTION OF THE CONCRETE CONSTRUCTION/ VERIFICATION OF THE CONSTRUCTION ARE BY OTHERS OR AT THE DISCRETION FROM SUNSET MEDIAL

DESIGN NOTE - CONCRETE:

- 30 MPa CONCRETE WITH REINFORCEMENT AS PER SKETCH
- 3\"/>

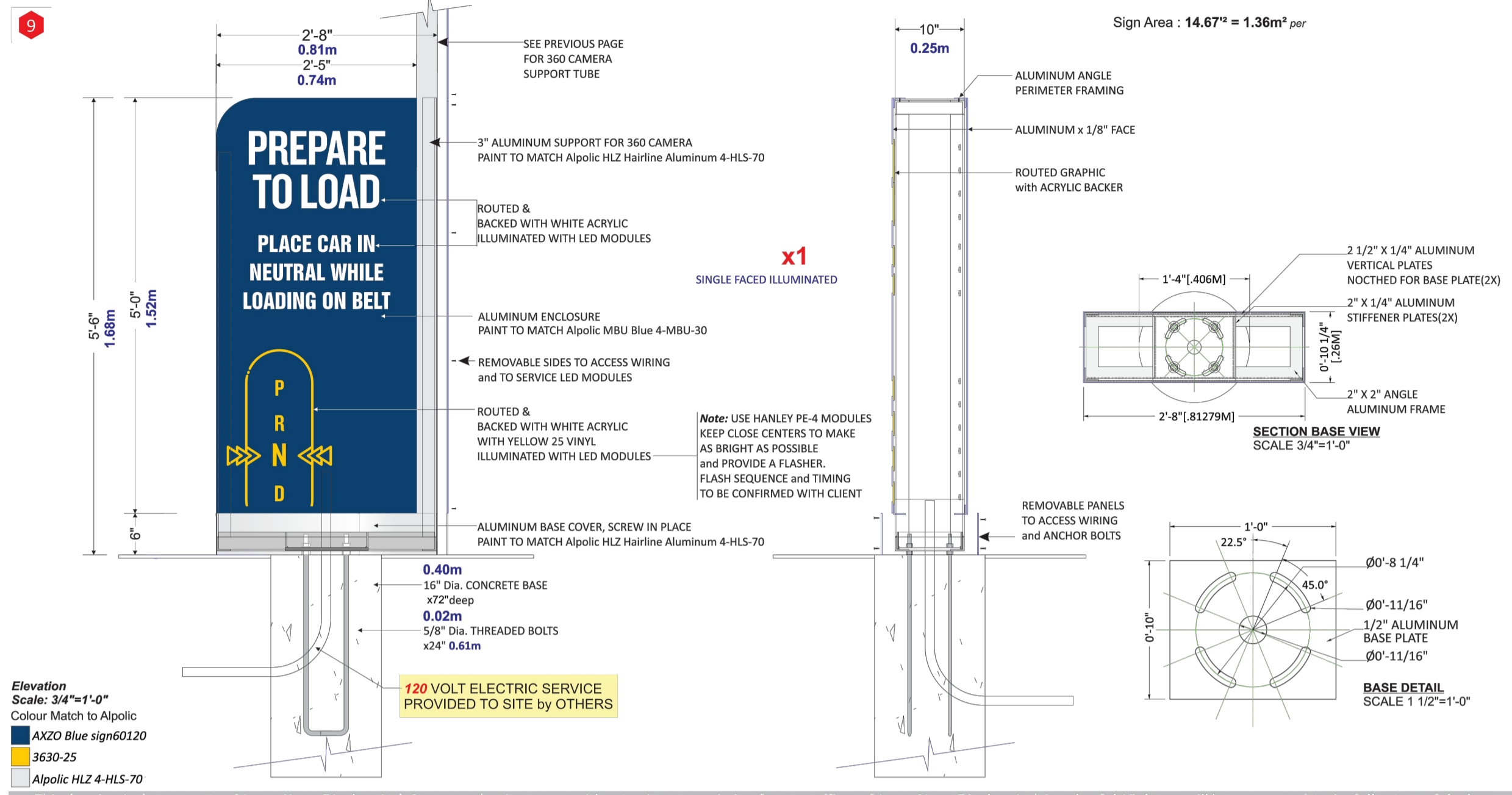
DESIGN NOTE - FINISHES:

- 3\"/>

DESIGN NOTE - MATERIALS:

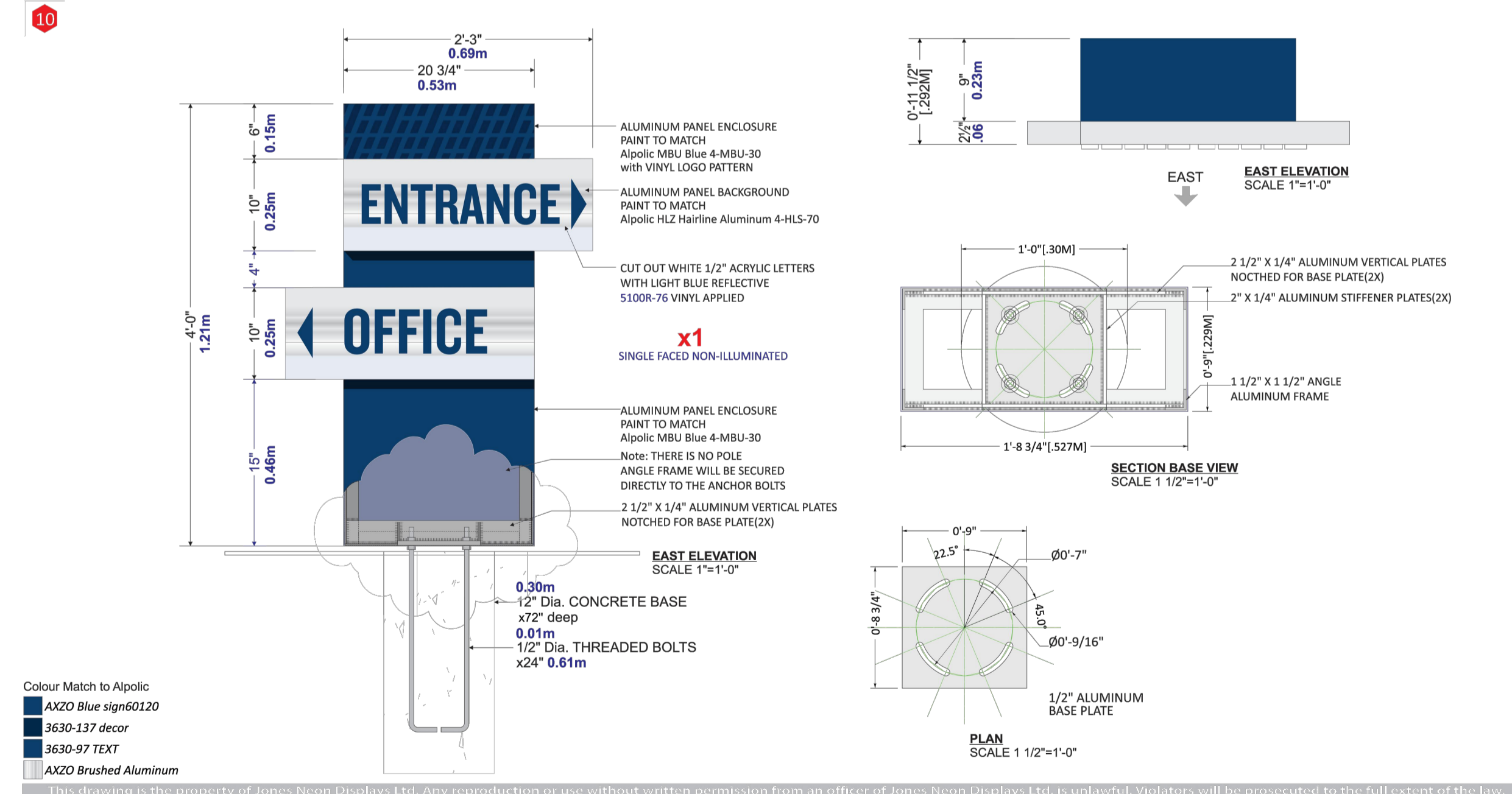
- ALL REINFORCING STEEL SHALL CONFORM TO CSA G40.21 OR G40.22
- CONCRETE SHALL BE POURED AS PER CSA STANDARD C23.1-04 & A.33-2-04

Customer: Halo Car Wash
Date: 22/07/11
Scale: as shown
Revision: R2
22/07/2018, ADDRESS NUMBER CHANGE
22/07/27/19, REVISE DRAWING
Permit Required
Conceptual artwork
Production artwork
Site check completed
Indoor
Outdoor
Production Approval: [Signature]
Date: [Blank]



Elevation Scale: 3/4\"/>

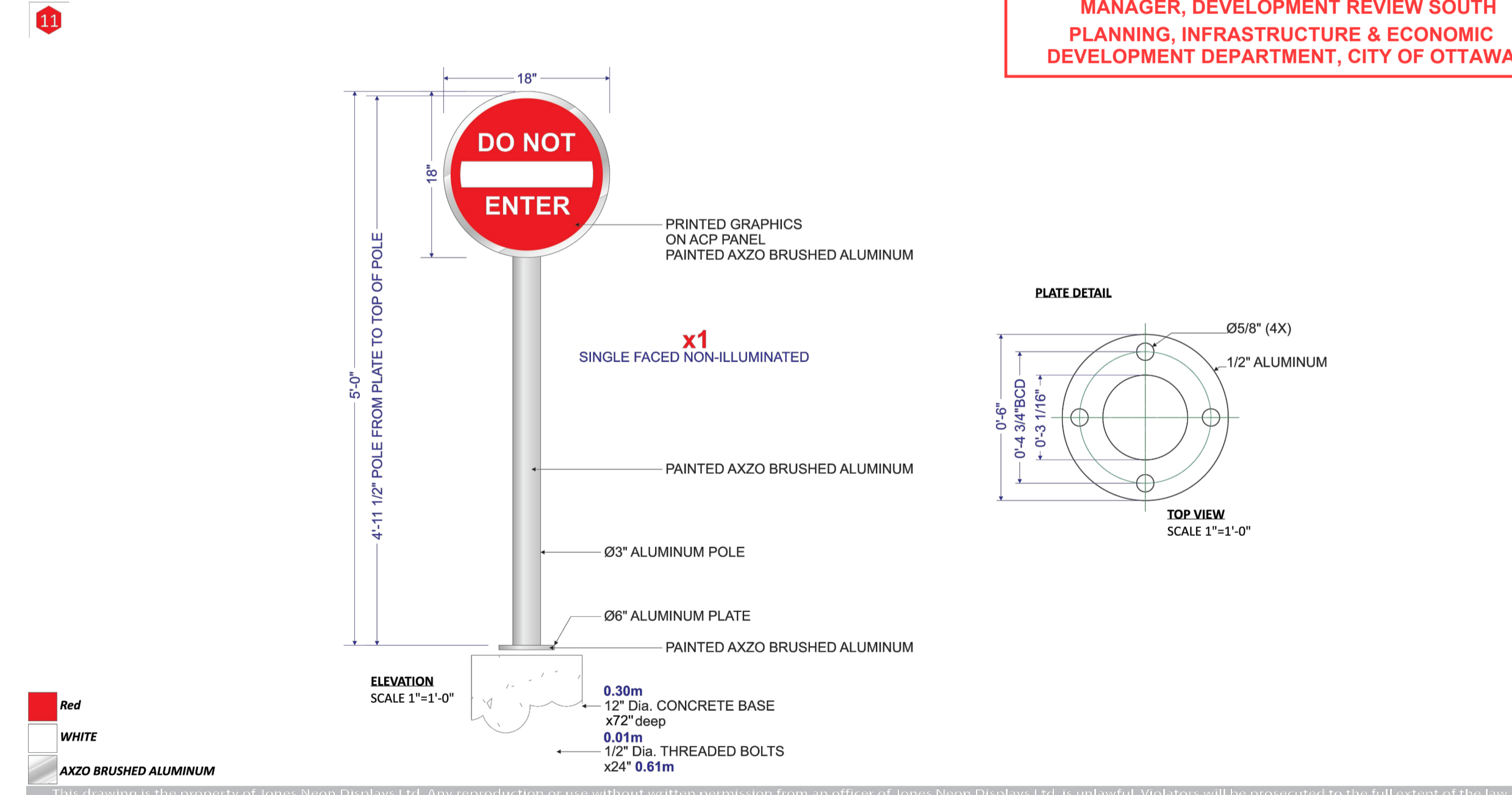
Customer: Halo Car Wash
Date: Feb 8/2022
Scale: as shown
Revision: R7
22/02/17, VN, SIGNS ADDED
22/05/12, VN, VACUUM BOOTH QNTY CHANGE
Permit Required
Conceptual artwork
Production artwork
Site check completed
Indoor
Outdoor
Production Approval: [Signature]
Date: [Blank]



Colour Match to Alpolc:

- AXZO Blue sign60120
- 3630-137 decor
- 3630-97 TEXT
- AXZO Brushed Aluminum

Customer: Halo Car Wash
Date: Feb 8/2022
Scale: as shown
Revision: R7
22/02/17, VN, SIGNS ADDED
22/05/12, VN, VACUUM BOOTH QNTY CHANGE
Permit Required
Conceptual artwork
Production artwork
Site check completed
Indoor
Outdoor
Production Approval: [Signature]
Date: [Blank]



Elevation Scale: 1\"/>

Customer: Halo Car Wash
Date: Feb 8/2022
Scale: as shown
Revision: R7
22/02/17, VN, SIGNS ADDED
22/05/12, VN, VACUUM BOOTH QNTY CHANGE
Permit Required
Conceptual artwork
Production artwork
Site check completed
Indoor
Outdoor
Production Approval: [Signature]
Date: [Blank]

APPROVED
By Lily Xu at 12:33 pm, Aug 22, 2023

[Signature]

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

USE AND INTERPRETATION OF DRAWINGS

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CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.

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CLIENT: HALO CAR WASH INC.

DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

PROJECT: HALO CAR WASH
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BARRHAVEN, ON

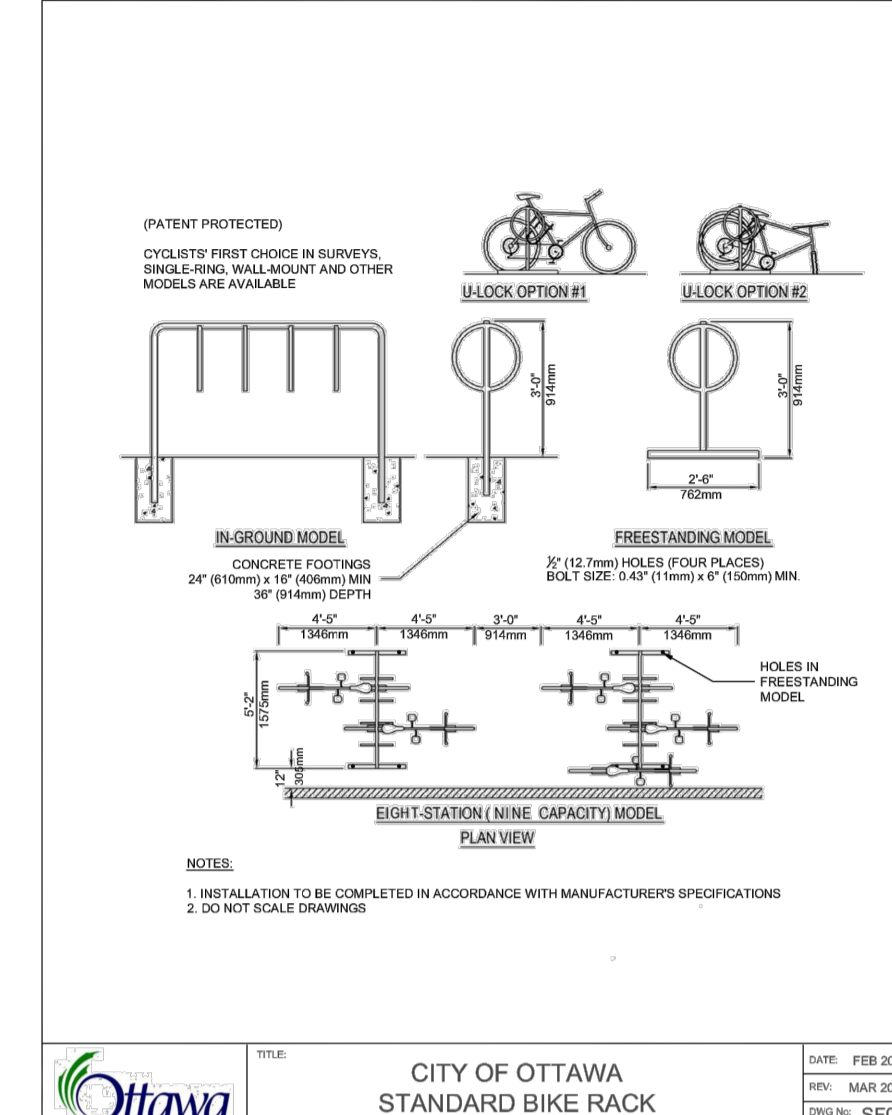
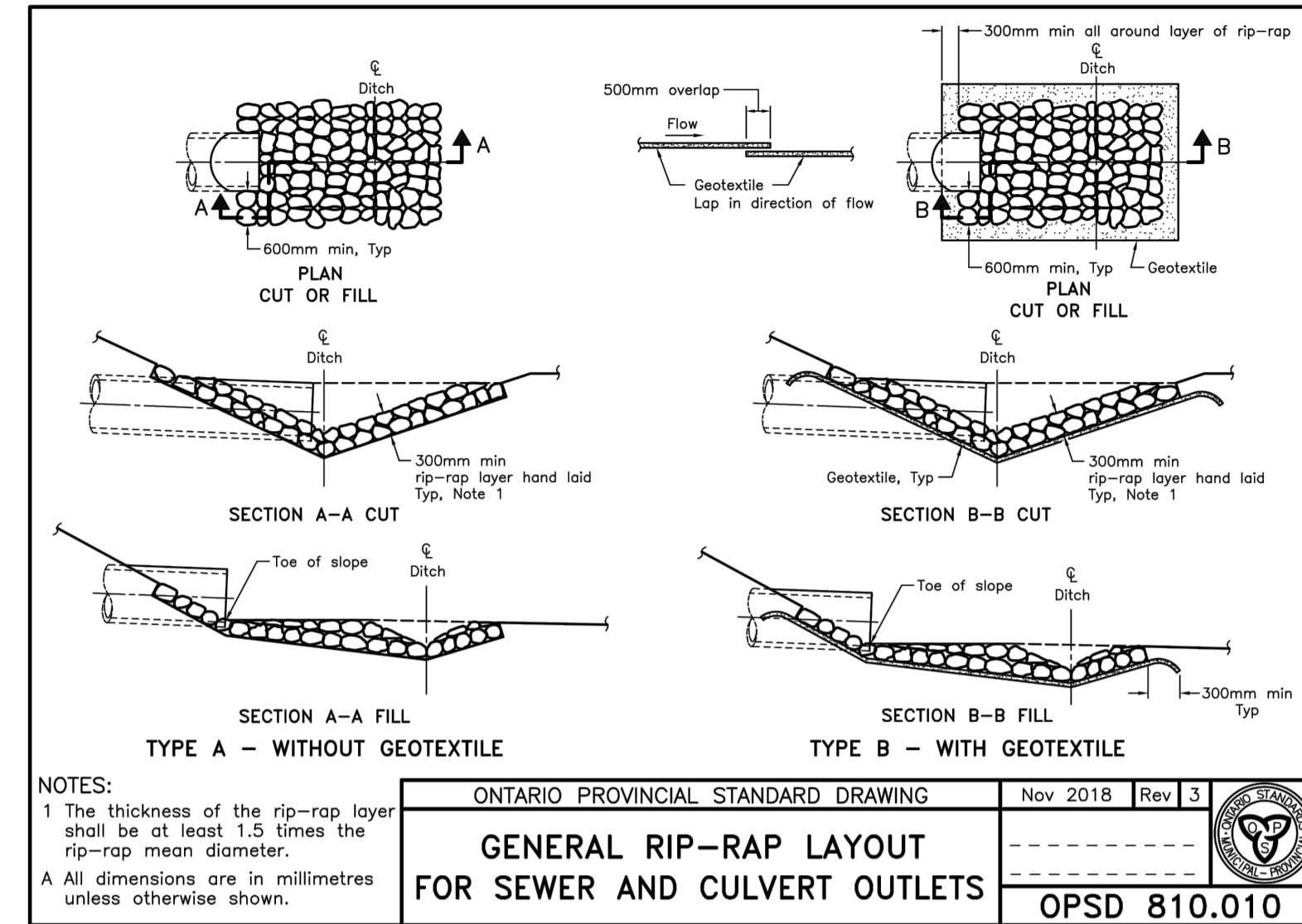
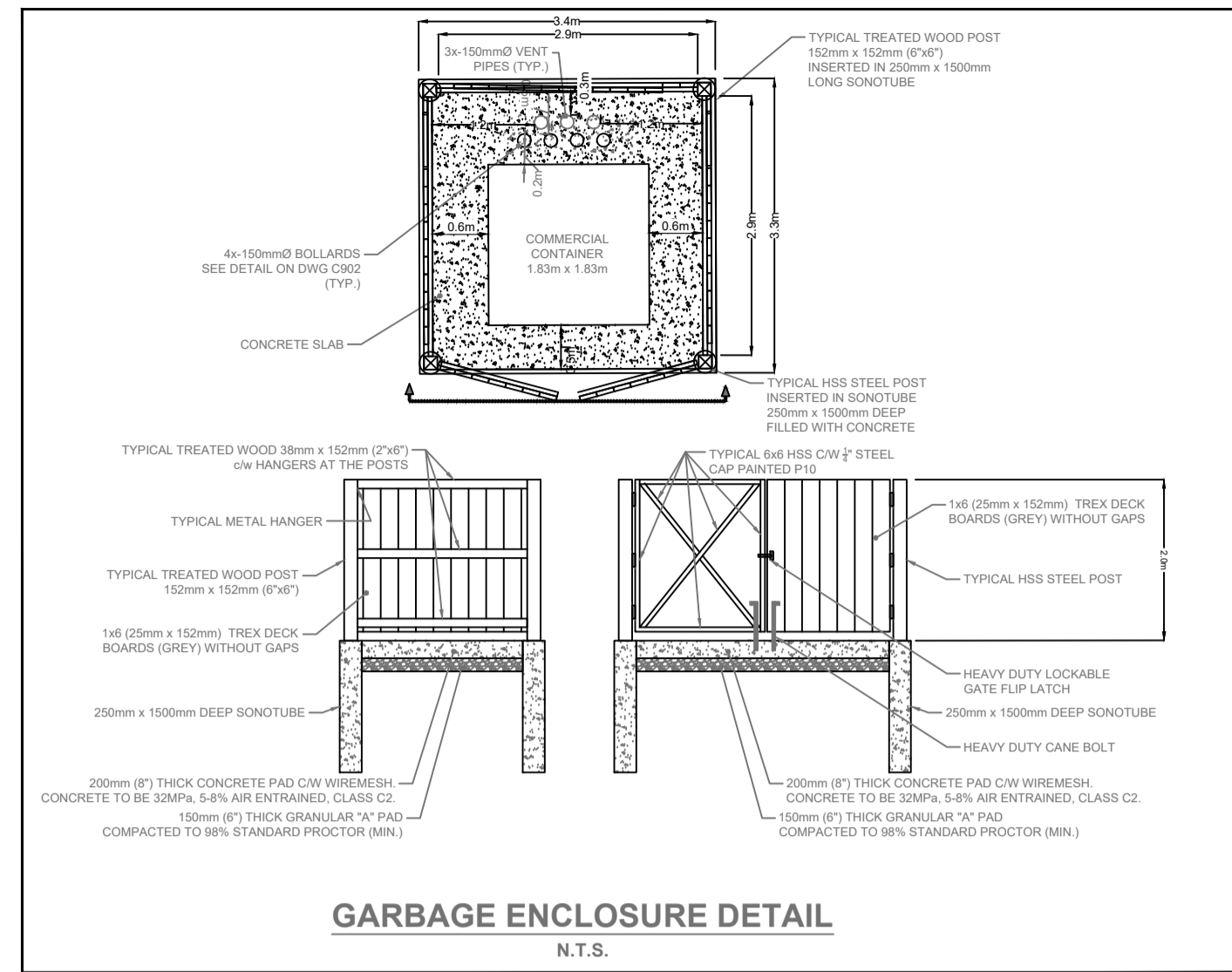
DRAWING TITLE: CONSTRUCTION DETAIL PLAN

PROJECT NO: 210691

DATE: JANUARY 2022

C903

D07-12-22-0085



APPROVED
By Lily Xu at 12:33 pm, Aug 22, 2023

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

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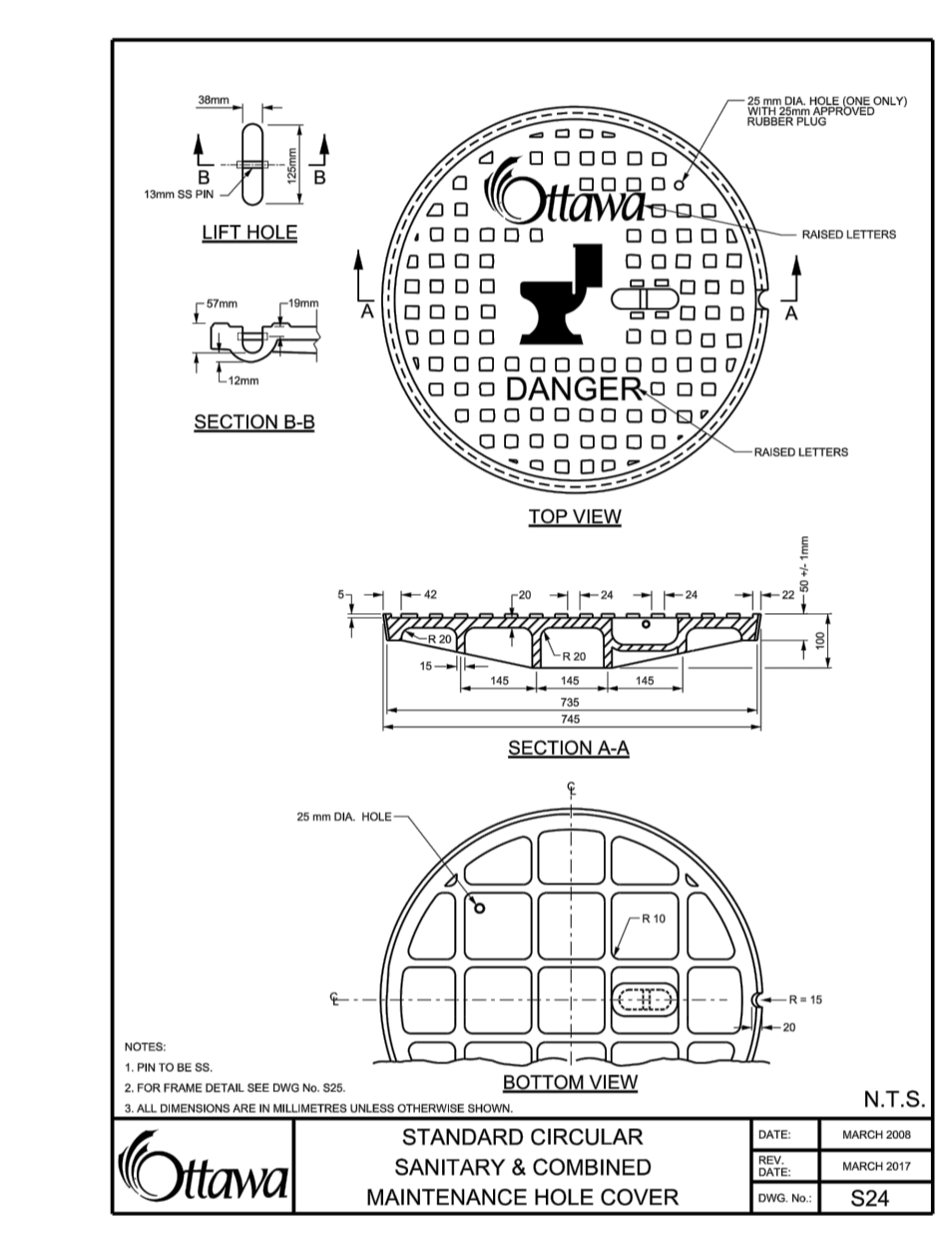
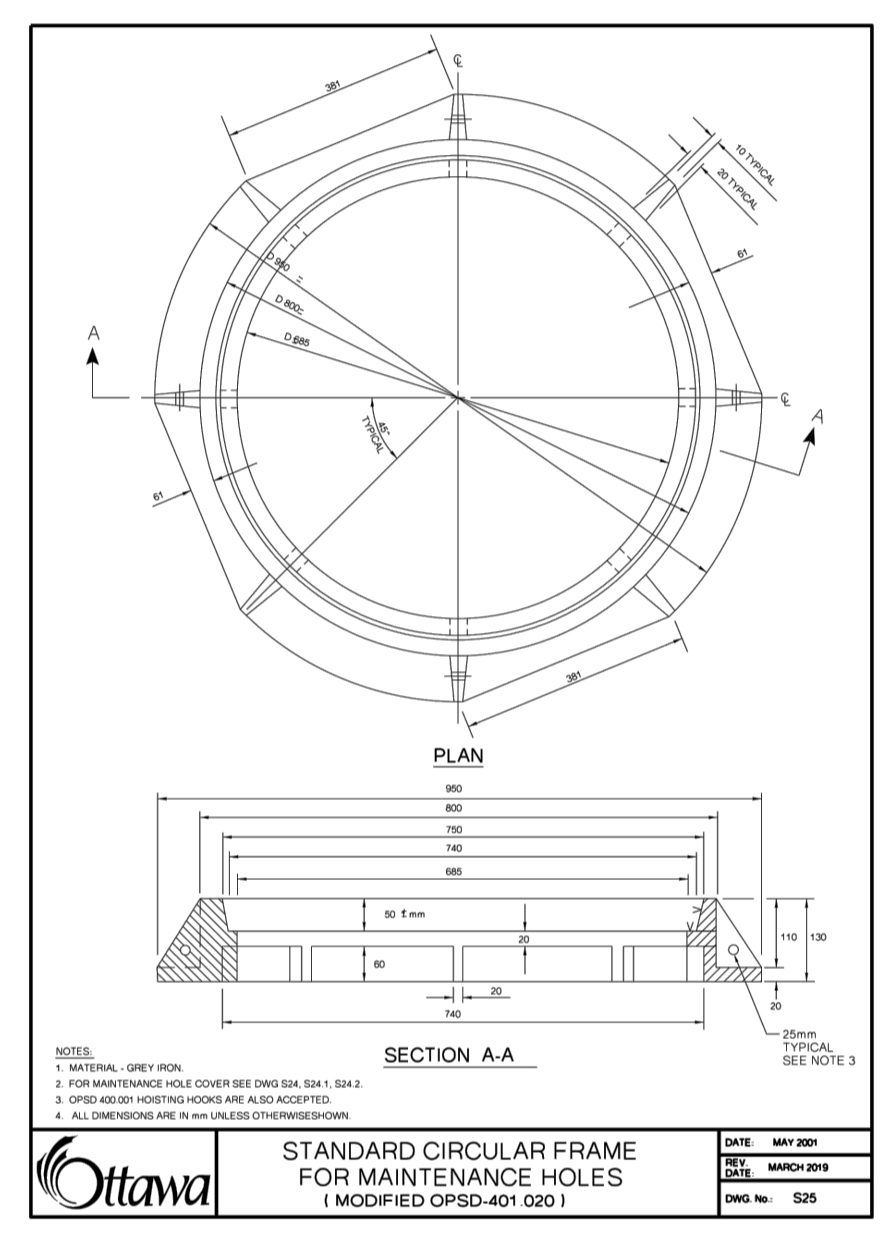
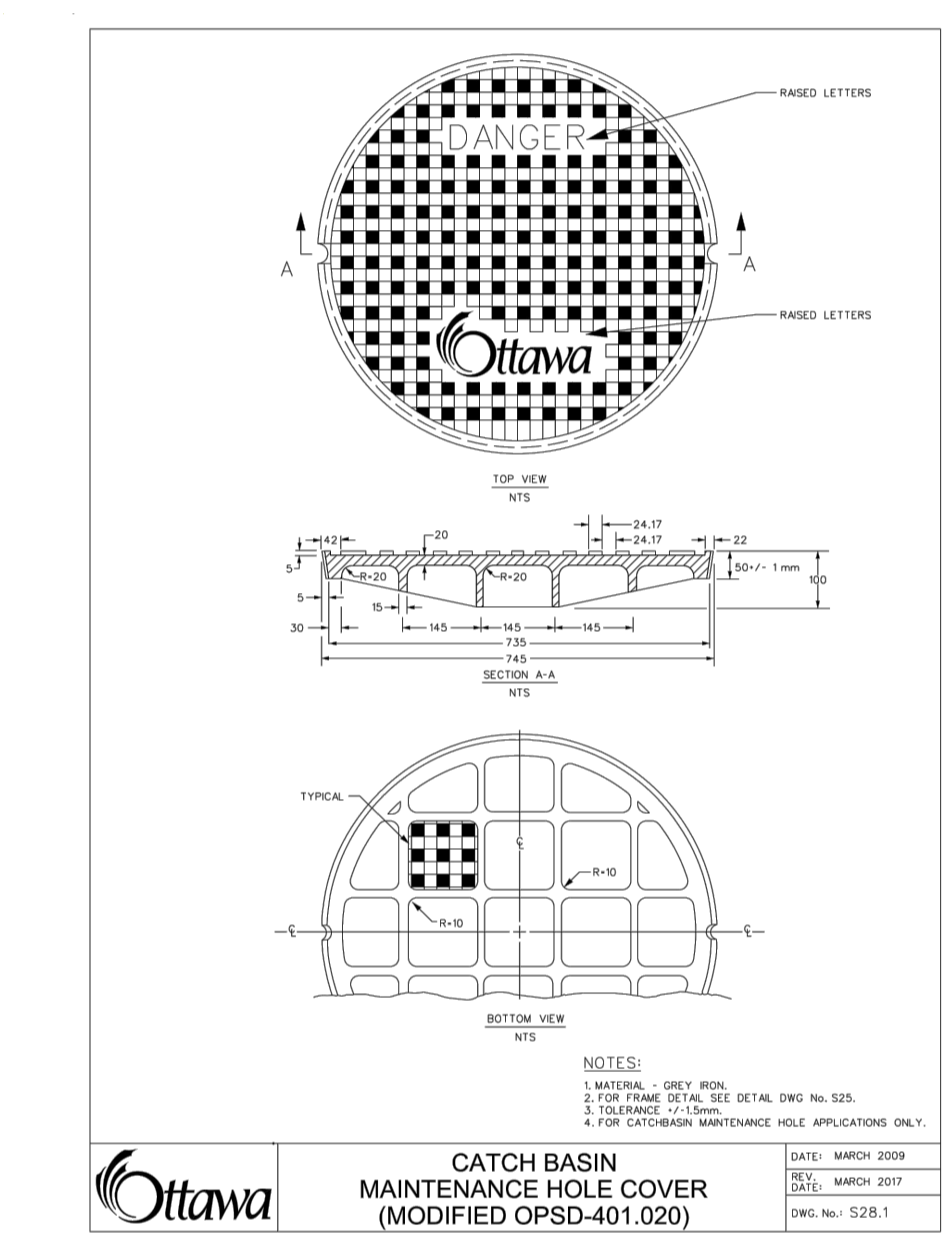
IN ADDITION, THE CLIENT AGREES TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD HARMLESS LRL FROM ANY DAMAGES, LIABILITIES OR COST, INCLUDING REASONABLE ATTORNEY'S FEES AND COST OF DEFENSE, ARISING FROM SUCH CHANGES.

EXISTING SERVICES AND UTILITIES SHOWN ON THESE DRAWINGS ARE TAKEN FROM THE BEST AVAILABLE RECORDS, BUT MAY NOT BE COMPLETE OR TO DATE. CONTRACTOR SHALL VERIFY IN FIELD FOR LOCATION AND ELEVATION OF PIPES AND CHECK WITH THE UTILITY COMPANIES BEFORE DIGGING OR PERFORMING WORK.

CONTRACTOR IS ADVISED TO COLLECT INFORMATION ON SOIL CONDITIONS BEFORE START OF CONSTRUCTION.

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT. THE CONTRACTOR OR OTHERS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.



SUBJECT FOR APPROVAL

No.	REVISIONS	BY	DATE
11	RE-ISSUED FOR APPROVAL	M.L.	07 JULY 2023
10	RE-ISSUED FOR APPROVAL	M.L.	23 MAY 2023
09	RE-ISSUED FOR APPROVAL	M.L.	09 MAY 2023
08	ISSUED FOR COMMITTEE OF ADJUSTMENT	M.L.	08 MAY 2023
07	RE-ISSUED FOR APPROVAL	P.P.	31 MAR 2023
06	RE-ISSUED FOR APPROVAL	P.P.	31 MAR 2023
05	RE-ISSUED FOR APPROVAL	P.P.	22 FEB 2023
04	RE-ISSUED FOR APPROVAL	P.P.	17 NOV 2022
03	REVISED FLOOR AREA FOR MV APPLICATION	P.P.	13 JULY 2022
02	REVISED FLOOR AREA FOR MV APPLICATION	P.P.	23 JUNE 2022
01	ISSUED FOR APPROVAL	M.L.	22 APR 2022



NOT AUTHENTIC UNLESS SIGNED AND DATED



LRL
ENGINEERING | INGENIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

CLIENT: **HALO CAR WASH INC.**

DESIGNED BY: M.L. / P.P. DRAWN BY: M.L. APPROVED BY: M.B.

PROJECT: **HALO CAR WASH 3555 BORRISOKANE RD BARRHAVEN, ON**

DRAWING TITLE: **CONSTRUCTION DETAIL PLAN**

PROJECT NO: **210691**

DATE: **JANUARY 2022**

C904

