

PROJECT:

THE BUCHANS REMEDIATION PROJECT – RESIDENTIAL AND PUBLIC AREA REMEDIATION YEAR 1 (AS BUILT)

CLIENT/OWNER:

DEPARTMENT OF ENVIRONMENT & CONSERVATION

LIST OF DRAWINGS

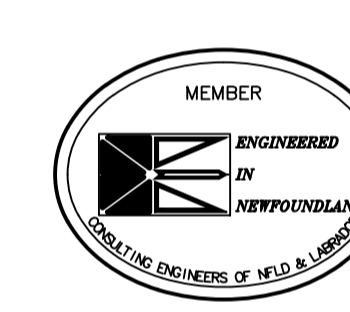
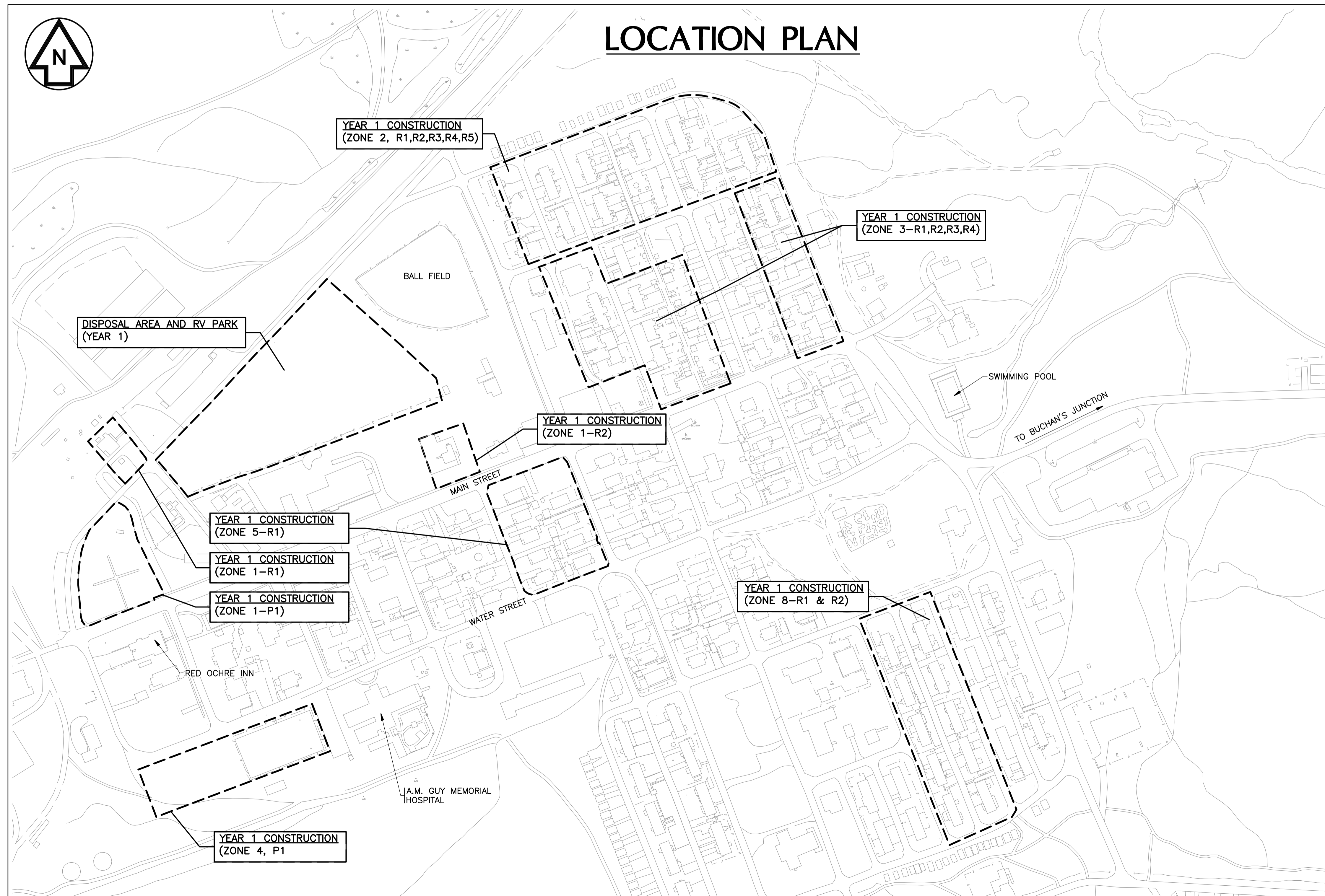
CIVIL

- C1 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 1, R1
- C2 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 1, R2
- C3 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 1, P1
- C4 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 2, R1, R2
- C5 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 2, R3, R4, R5
- C6 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 3, R1, R2, R3
- C7 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 3, R4
- C8 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 4, P1
- C9 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 5, R1
- C10 OF 12 SITE PLAN YEAR 1 CONSTRUCTION ZONE 8, R1, R2
- C11 OF 12 DISPOSAL AREA AND RV PARK YEAR 1
- C12 OF 12 MISCELLANEOUS DETAILS & PROJECT NOTES – YEAR 1

ELECTRICAL

- E1 OF 1 RV PARK RECORD DRAWINGS ELECTRICAL UNDERGROUND SITE PLAN, & TRENCH DETAILS

LOCATION PLAN



PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
CLASS "A"
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Consulting Engineers

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 Canada A5A 4A3
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 fax: (709) 466-2168

SUB CONSULTANT

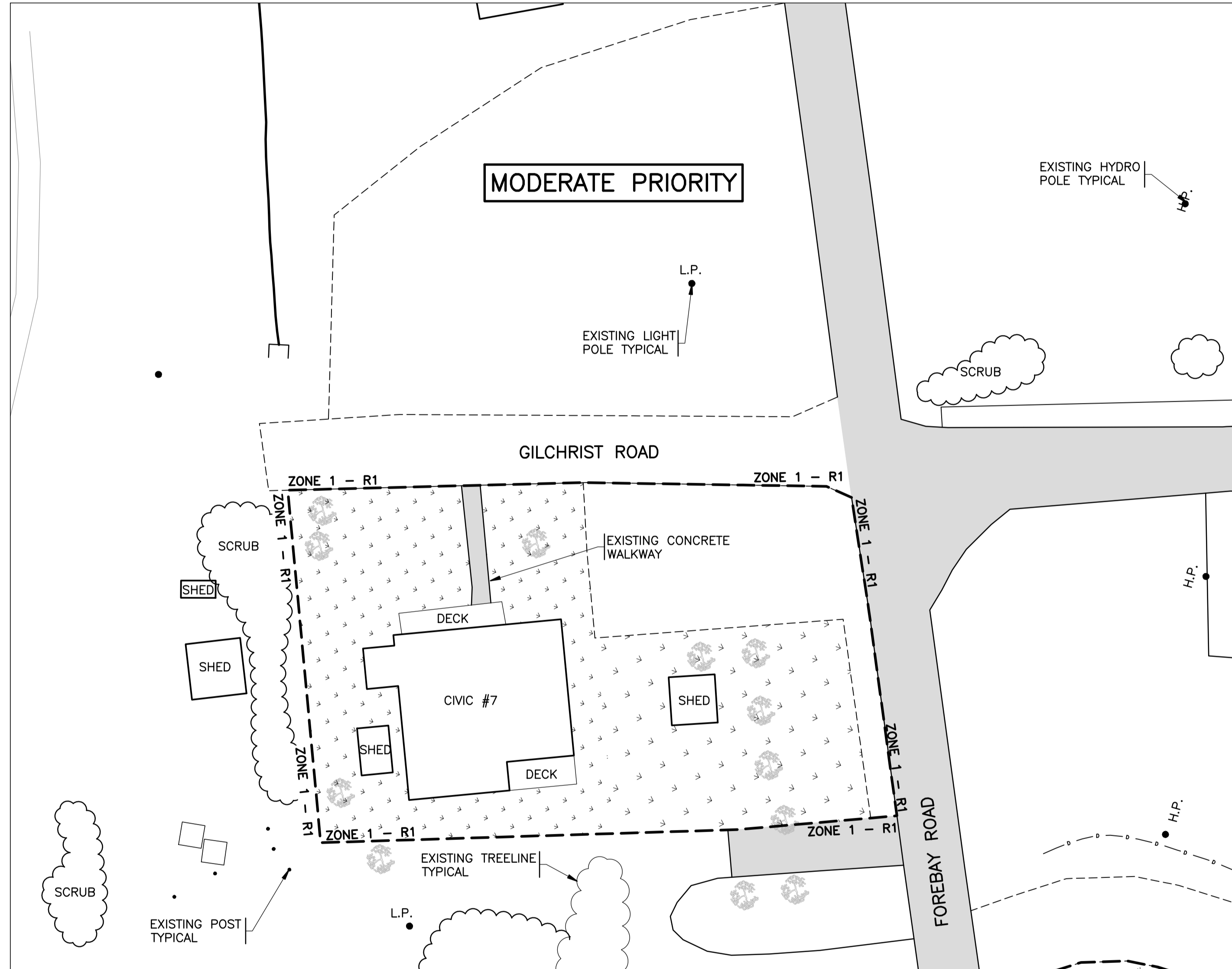
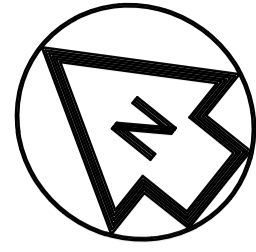
 Conestoga-Rovers & Associates
 1118 Topsail Road
 St. John's, Newfoundland
 Canada A1B 3N7
 tel: (709) 364-5353
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PROJECT:
THE BUCHANS REMEDIATION PROJECT – RESIDENTIAL AND PUBLIC AREA REMEDIATION YEAR 1 (AS BUILT)

CLIENT/OWNER:
DEPARTMENT OF ENVIRONMENT & CONSERVATION

DOEC PROJECT NUMBER
734.3025
HMM Project Number
299289

ISSUED FOR AS BUILT



PLAN ZONE 1, R1
SCALE 1:250

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS IN METRES UNLESS OTHERWISE NOTED.
2. REFER TO SHEET C12 OF 12 FOR GENERAL CONSTRUCTION AND SURVEY NOTES.
3. THESE PROJECT DOCUMENTS HAVE BEEN PREPARED FOR USE WITH AND REQUIRE BEING READ WITH THE LATEST REVISION OF THE DEPARTMENT OF MUNICIPAL AFFAIRS MASTER MUNICIPAL CONSTRUCTION SPECIFICATIONS.

LEGEND

- H.P. EXISTING HYDRO POLE
- L.P. EXISTING LIGHT POLE
- U.P. EXISTING UTILITY POLE
- F — EXISTING FENCE
- EXISTING GRAVEL ROAD/DRIVEWAY
- ==== EXISTING ASPHALT ROAD/DRIVEWAY
- ~~~~~ EXISTING TREELINE
- [Pattern] NEW SODDED AREAS
- [Shaded] RD RD = REMEDIATION DECLINED AREAS

DATE	NO.	REVISIONS	CH.	APP.	APP.
MAR 22, 2013	1	ISSUED FOR AS BUILT	M.L.	D.S.	S.S.
SEPT 4, 2012	0	ISSUED FOR CONSTRUCTION	K.R.	D.S.	S.S.
MAY 11, 2012	A	ISSUED FOR APPROVAL	K.R.	D.S.	S.S.

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 PROJECT – RESIDENTIAL AND
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 YEAR 1 (AS BUILT)

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DEPARTMENT OF ENVIRONMENT
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TITLE

**SITE PLAN YEAR 1
 CONSTRUCTION
 ZONE 1, R1**

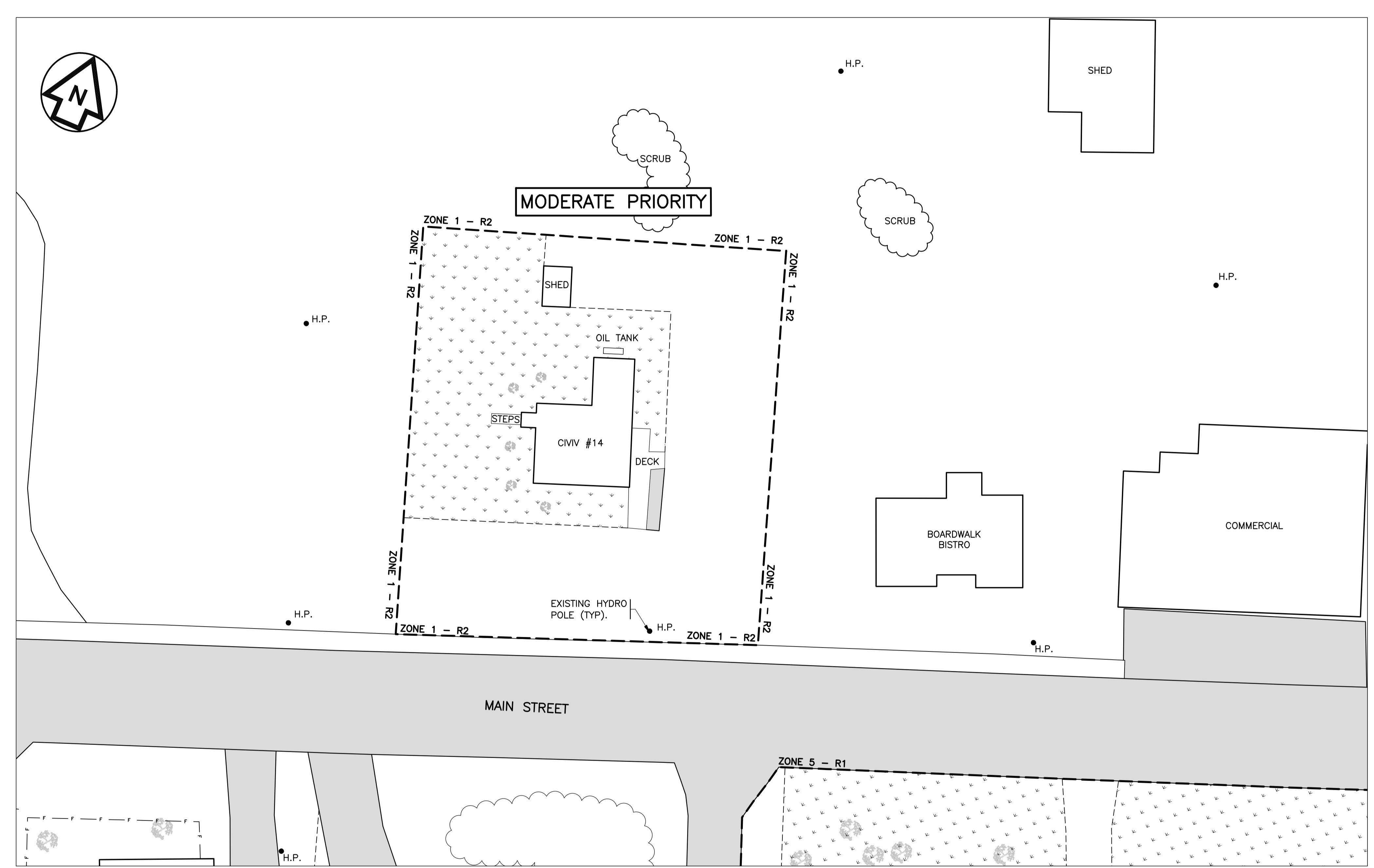
PROJECT ENGINEER	S. SMITH	DESIGN	PREPARED	D. SHORT
PROJECT MANAGER	D. SHORT	CHECKED	S. SMITH	
SCALE:	AS NOTED	DRAWING	PREPARED	K. RALPH
HMM PROJECT NO.	299289	CHECKED	D. SHORT	

DOEC PROJECT NUMBER
734.302.5

DRAWING NO.
299289-C-A1-EE1-001

DRAWING No. 299289-C-A1-EE1-001 REV. 1 SHEET C1 of 12

DRAWING No. 299289-C-A1-EE1-002 REV. 1 SHEET C2 of 12



PLAN - ZONE 1, R2
SCALE 1:250

- NOTES**
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---	EXISTING GRAVEL ROAD/DRIVEWAY
=====	EXISTING ASPHALT ROAD/DRIVEWAY
~~~~~	EXISTING TREELINE
[Stippled Box]	NEW SODDED AREAS
[Grey Box]	RD = REMEDIATION DECLINED AREAS

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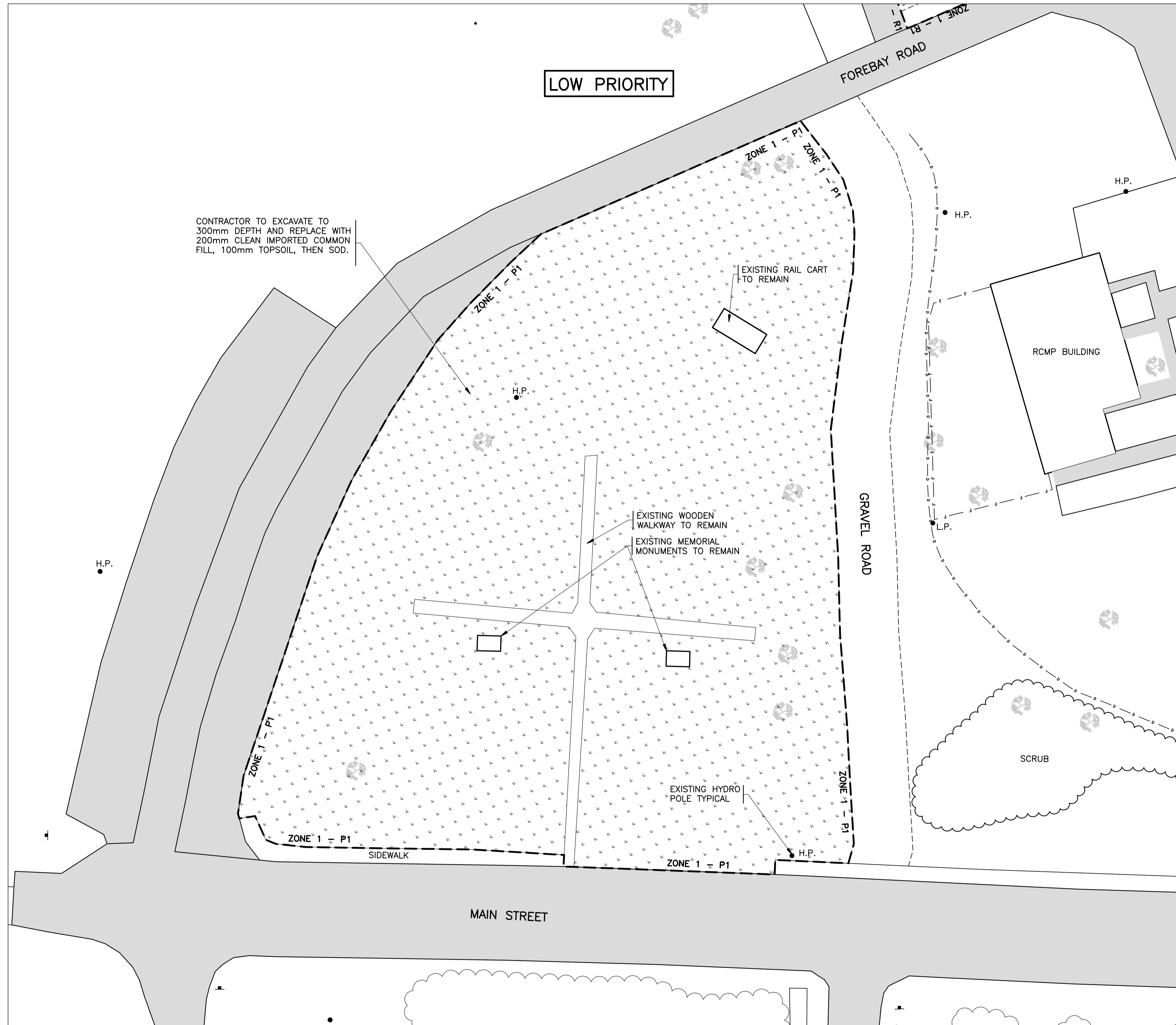
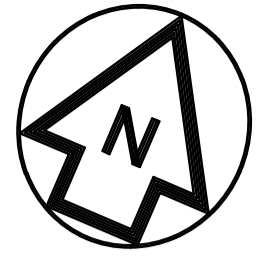
**TITLE**  
 SITE PLAN YEAR 1 CONSTRUCTION ZONE 1, R2

PROJECT ENGINEER	S. SMITH	DESIGN	PREPARED	D. SHORT
PROJECT MANAGER	D. SHORT	CHECKED	S. SMITH	
SCALE:	AS NOTED	DRAWING	PREPARED	K. RALPH
HMM PROJECT NO.	299289	CHECKED	D. SHORT	

DOEC PROJECT NUMBER  
 734.302.5

DRAWING NO.  
 299289-C-A1-EE1-002  
 SHEET C2 of 12

REVISION  
 1



CONTRACTOR TO EXCAVATE TO 300mm DEPTH AND REPLACE WITH 200mm CLEAN IMPORTED COMMON FILL, 100mm TOPSOIL, THEN SOD.

LOW PRIORITY

PLAN ZONE 1, P1  
VETERANS MEMORIAL PARK  
SCALE 1:250

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AND CONSERVATION

**TITLE**

**SITE PLAN YEAR 1  
CONSTRUCTION  
ZONE 1, P1**

PROJECT ENGINEER S. SMITH	DESIGN PREPARED D. SHORT
PROJECT MANAGER D. SHORT	CHECKED S. SMITH
SCALE AS NOTED	DRAWING PREPARED K. RALPH
HMM PROJECT NO. 299289	CHECKED D. SHORT

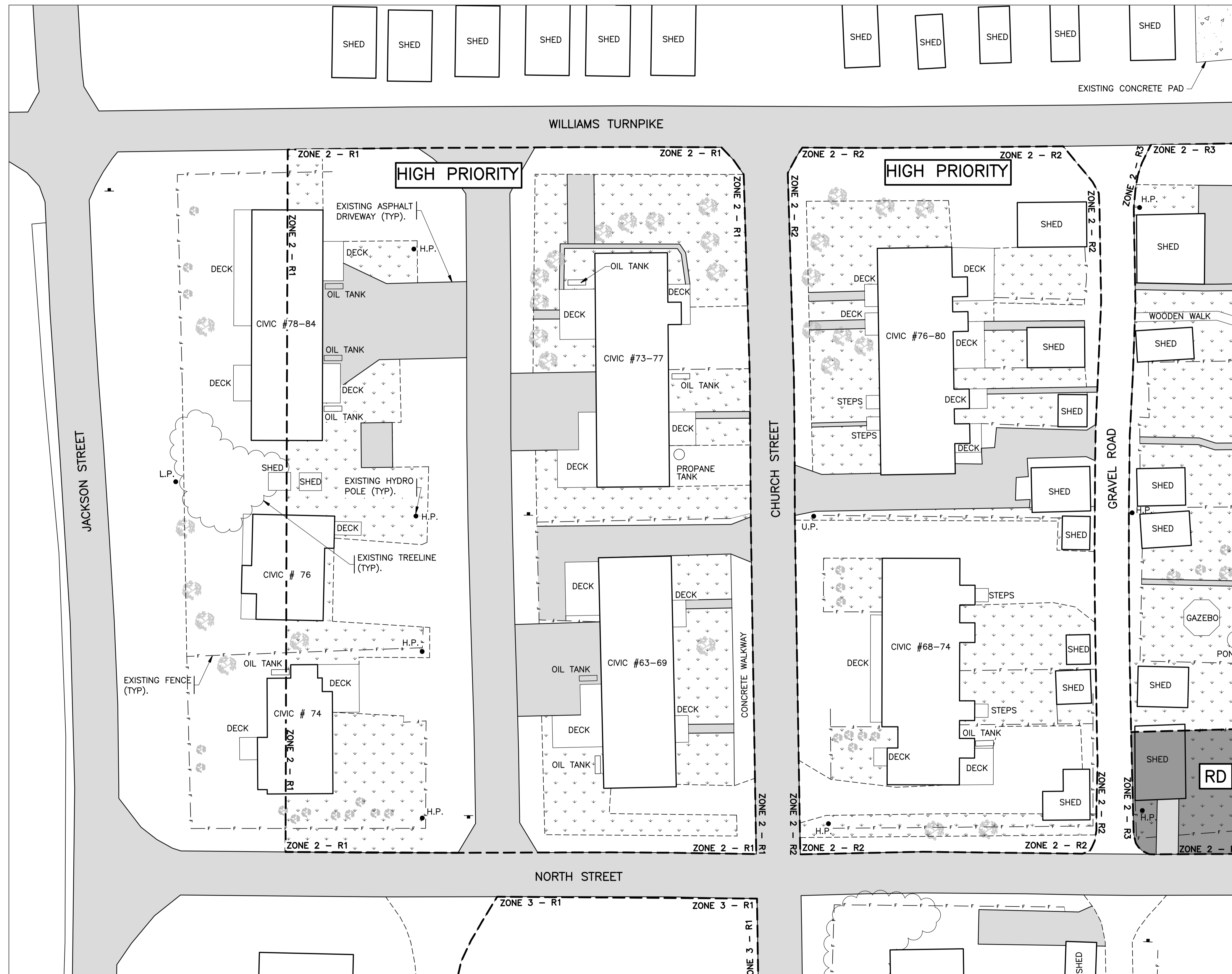
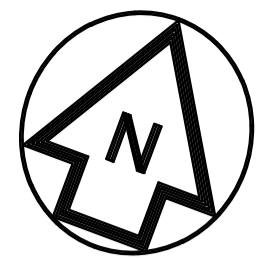
DOEC PROJECT NUMBER  
**734.302.5**

DRAWING NO.  
**299289-C-A1-EE1-003**

SHEET C3 of 12



DRAWING No. 299289-C-A1-EE1-003 SHEET C3 of 12 REV. 1



PLAN - ZONE 2, R1 AND R2  
SCALE 1:250

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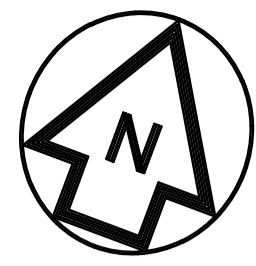
TITLE  
**SITE PLAN YEAR 1 CONSTRUCTION ZONE 2, R1, R2**

PROJECT ENGINEER	S. SMITH	DESIGN	PREPARED	D. SHORT
PROJECT MANAGER	D. SHORT	CHECKED	S. SMITH	
SCALE:	AS NOTED	DRAWING	PREPARED	K. RALPH
HMM PROJECT NO.	299289	CHECKED	D. SHORT	

DOEC PROJECT NUMBER  
**734.302.5**

DRAWING NO.  
**299289-C-A1-EE1-004**

DRAWING No. 299289-C-A1-EE1-004 REV. 1 SHEET C4 of 12



PLAN - ZONE 2, R3, R4, R5  
SCALE 1:250

**NOTES**

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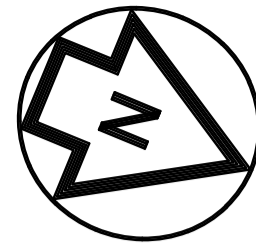
**TITLE**

SITE PLAN YEAR 1  
 CONSTRUCTION  
 ZONE 2, R3, R4, R5

PROJECT ENGINEER	DESIGN	PREPARED	DESIGN
S. SMITH	D. SHORT	D. SHORT	D. SHORT
D. SHORT	S. SMITH	S. SMITH	S. SMITH
AS NOTED	K. RALPH	K. RALPH	K. RALPH
HMM PROJECT NO. 299289	D. SHORT	D. SHORT	D. SHORT

DOEC PROJECT NUMBER  
 734.302.5

DRAWING NO.  
 299289-C-A1-EE1-005  
 SHEET C5 of 12



PLAN ZONE 3, R1,R2,R3  
SCALE 1:250

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TITLE  
**SITE PLAN YEAR 1 CONSTRUCTION ZONE 3, R1, R2, R3**

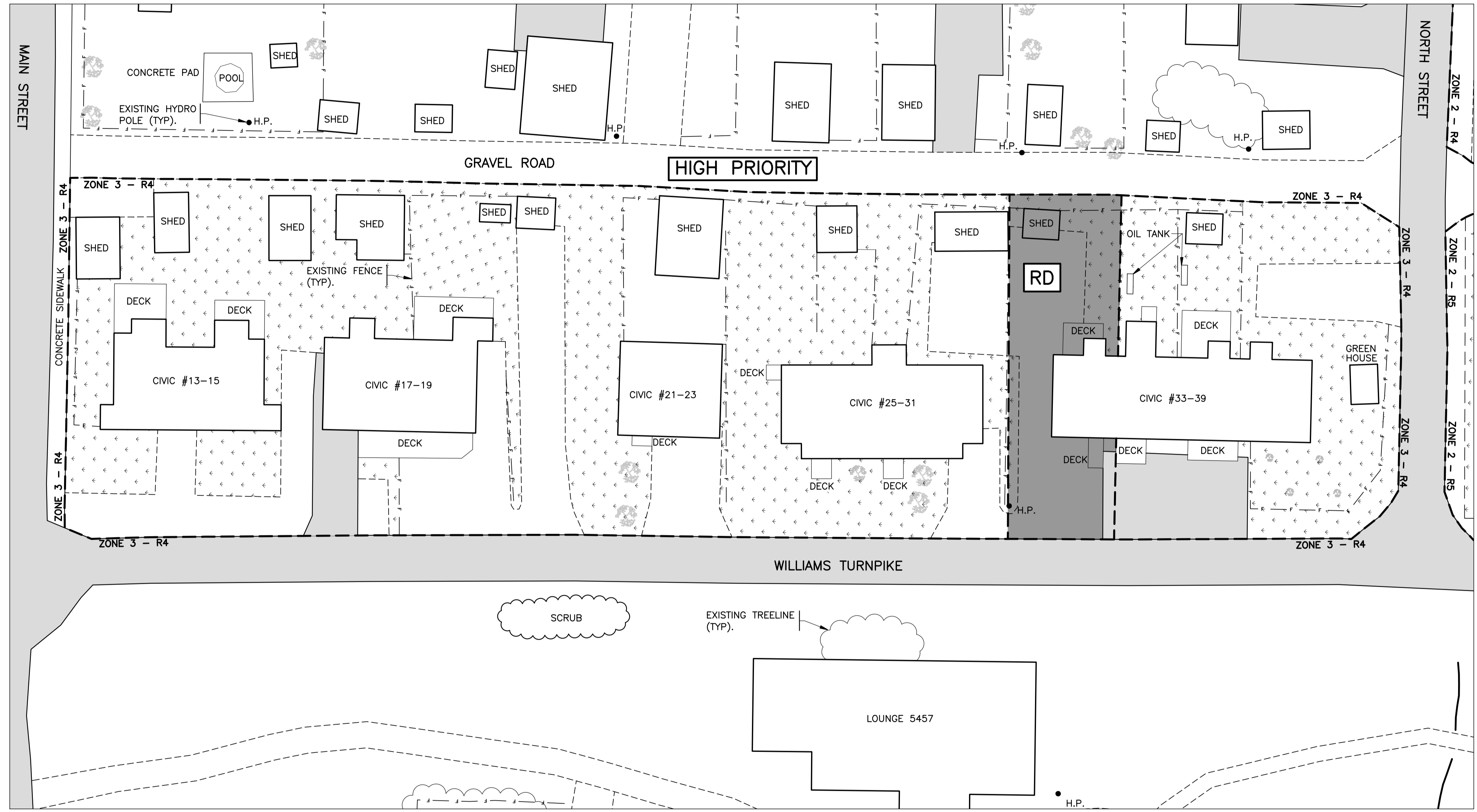
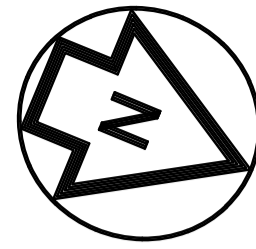
PROJECT ENGINEER S. SMITH	DESIGN PREPARED D. SHORT
PROJECT MANAGER D. SHORT	CHECKED S. SMITH
SCALE AS NOTED	DRAWING PREPARED K. RALPH
HMM PROJECT NO. 299289	CHECKED D. SHORT

DOEC PROJECT NUMBER  
**734.302.5**

DRAWING NO.  
**299289-C-A1-EE1-006**

SHEET C6 of 12

DRAWING No. 299289-C-A1-EE1-006 REV. 1 SHEET C6 of 12



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 THE BUCHANS REMEDIATION PROJECT – RESIDENTIAL AND PUBLIC AREA REMEDIATION YEAR 1 (AS BUILT)

CLIENT/OWNER
 DEPARTMENT OF ENVIRONMENT AND CONSERVATION

TITLE
 SITE PLAN YEAR 1 CONSTRUCTION ZONE 3, R4

PROJECT ENGINEER	S. SMITH	DESIGN	D. SHORT
PROJECT MANAGER	D. SHORT	CHECKED	S. SMITH
SCALE:	AS NOTED	DRAWING PREPARED	K. RALPH
HMM PROJECT NO.	299289	CHECKED	D. SHORT

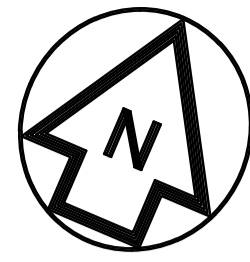
DOEC PROJECT NUMBER
 734.302.5

DRAWING NO.
 299289-C-A1-EE1-007

SHEET C7 of 12

PLAN – ZONE 3, R4
 SCALE 1:250

DRAWING No. 299289-C-A1-EE1-007 REV. 1 SHEET C7 of 12



NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS IN METRES UNLESS OTHERWISE NOTED.
2. REFER TO SHEET C9 FOR GENERAL CONSTRUCTION AND SURVEY NOTES.
3. THESE PROJECT DOCUMENTS HAVE BEEN PREPARED FOR USE WITH AND REQUIRE BEING READ WITH THE LATEST REVISION OF THE DEPARTMENT OF MUNICIPAL AFFAIRS MASTER MUNICIPAL CONSTRUCTION SPECIFICATIONS.

LEGEND

- H.P. EXISTING HYDRO POLE
- L.P. EXISTING LIGHT POLE
- U.P. EXISTING UTILITY POLE
- F — EXISTING SIGN
- - - - - EXISTING FENCE
- - - - - EXISTING GRAVEL ROAD/DRIVEWAY
- ===== EXISTING ASPHALT ROAD/DRIVEWAY
- ~~~~~ EXISTING TREELINE
- [Stippled] NEW SODDED AREAS
- [Hatched] RD = REMEDIATION DECLINED AREAS
- [Diagonal lines] AREA TO BE HYDROSEEDED

DATE	NO.	REVISIONS	CH.	APP.	APP.
MAR 22, 2013	1	ISSUED FOR AS BUILT	M.L.	D.S.	S.S.
SEPT 4, 2012	0	ISSUED FOR CONSTRUCTION	K.R.	D.S.	S.S.
MAY 11, 2012	A	ISSUED FOR APPROVAL	K.R.	D.S.	S.S.

PROVINCE OF NEWFOUNDLAND
PEG PERMIT HOLDER CLASS "A"
Professional Engineers and Geoscientists
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 fax: (709) 466-2168

St. John's Clarenville Corner Brook
 Saint John Moncton Halifax Sydney

SUB CONSULTANT



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PROJECT

THE BUCHANS REMEDIATION PROJECT – RESIDENTIAL AND PUBLIC AREA REMEDIATION YEAR 1 (AS BUILT)

CLIENT/OWNER

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

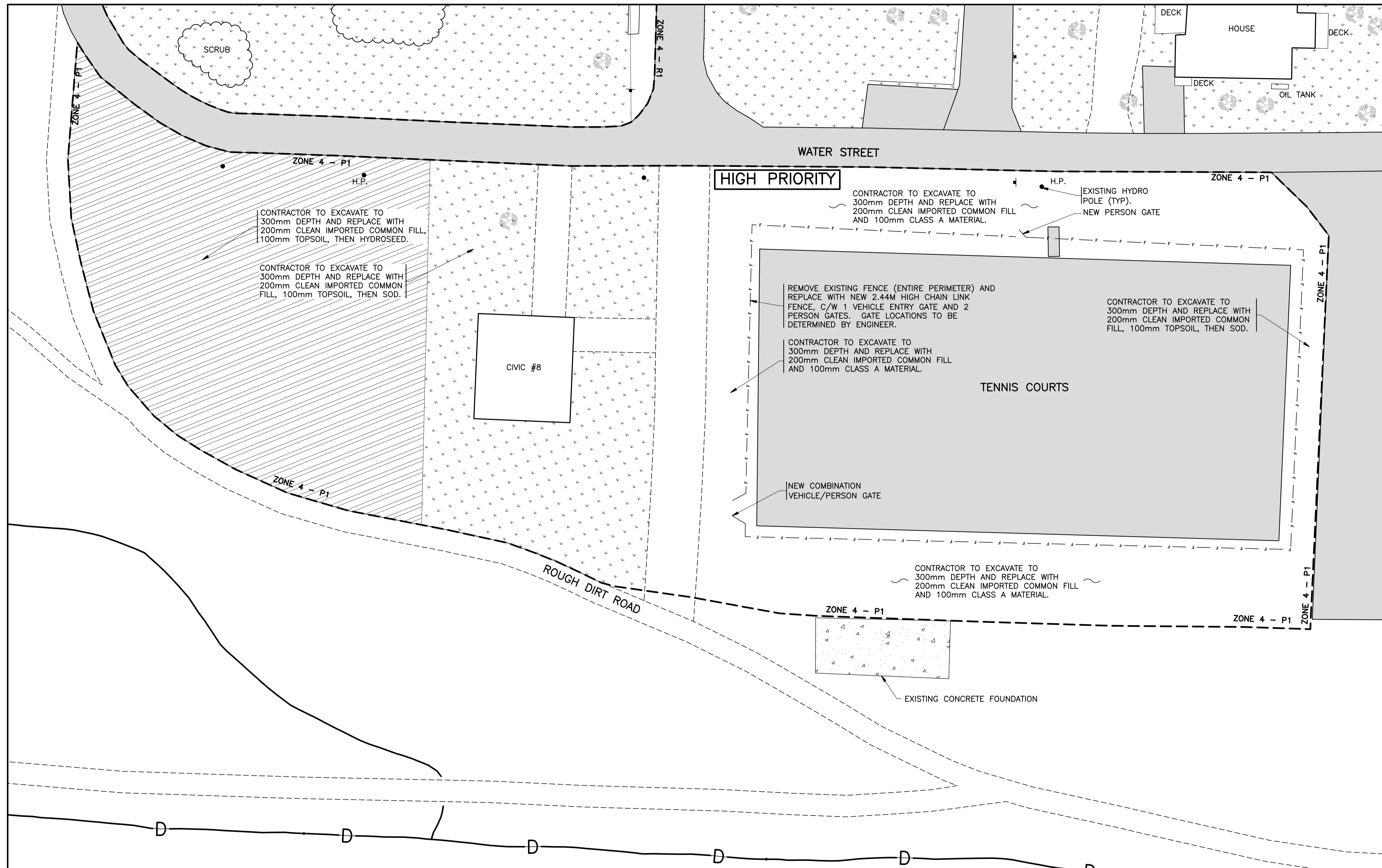
TITLE

SITE PLAN YEAR 1 CONSTRUCTION ZONE 4, P1

PROJECT ENGINEER	S. SMITH	DESIGN	D. SHORT
PROJECT MANAGER	D. SHORT	CHECKED	S. SMITH
SCALE:	AS NOTED	DRAWING PREPARED	K. RALPH
HMM PROJECT NO.	299289	CHECKED	D. SHORT

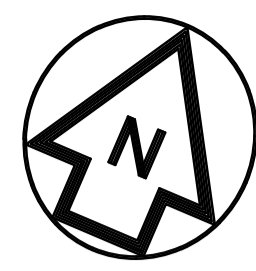
DOEC PROJECT NUMBER
734.302.5

DRAWING NO.
299289-C-A1-EE1-008
 SHEET C8 of 12



PLAN ZONE 4, P1
 SCALE 1:250

DRAWING No. 299289-C-A1-EE1-008 REV. 1 SHEET C8 of 8



PLAN - ZONE 5, R1
SCALE 1:250

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS IN METRES UNLESS OTHERWISE NOTED.
2. REFER TO SHEET C12 OF 12 FOR GENERAL CONSTRUCTION AND SURVEY NOTES.
3. THESE PROJECT DOCUMENTS HAVE BEEN PREPARED FOR USE WITH AND REQUIRE BEING READ WITH THE LATEST REVISION OF THE DEPARTMENT OF MUNICIPAL AFFAIRS MASTER MUNICIPAL CONSTRUCTION SPECIFICATIONS.

LEGEND

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- F — EXISTING FENCE
- EXISTING GRAVEL ROAD/DRIVEWAY
- ==== EXISTING ASPHALT ROAD/DRIVEWAY
- ~~~~ EXISTING TREELINE
- ▨ NEW SODDED AREAS
- RD RD = REMEDIATION DECLINED AREAS

DATE	NO.	REVISIONS	CH.	APP.	APP.
MAR 22, 2013	1	ISSUED FOR AS BUILT	M.L.	D.S.	S.S.
JUN 13, 2012	0	ISSUED FOR CONSTRUCTION	M.L.	D.S.	S.S.
MAY 16, 2012	B	ISSUED FOR TENDER	M.L.	D.S.	S.S.
MAY 11, 2012	A	ISSUED FOR APPROVAL	K.R.	D.S.	S.S.

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PROJECT

THE BUCHANS REMEDIATION
 PROJECT - RESIDENTIAL AND
 PUBLIC AREA REMEDIATION
 YEAR 1 (AS BUILT)

CLIENT/OWNER

DEPARTMENT OF ENVIRONMENT
 AND CONSERVATION

TITLE

**SITE PLAN YEAR 1
 CONSTRUCTION
 ZONE 5, R1**

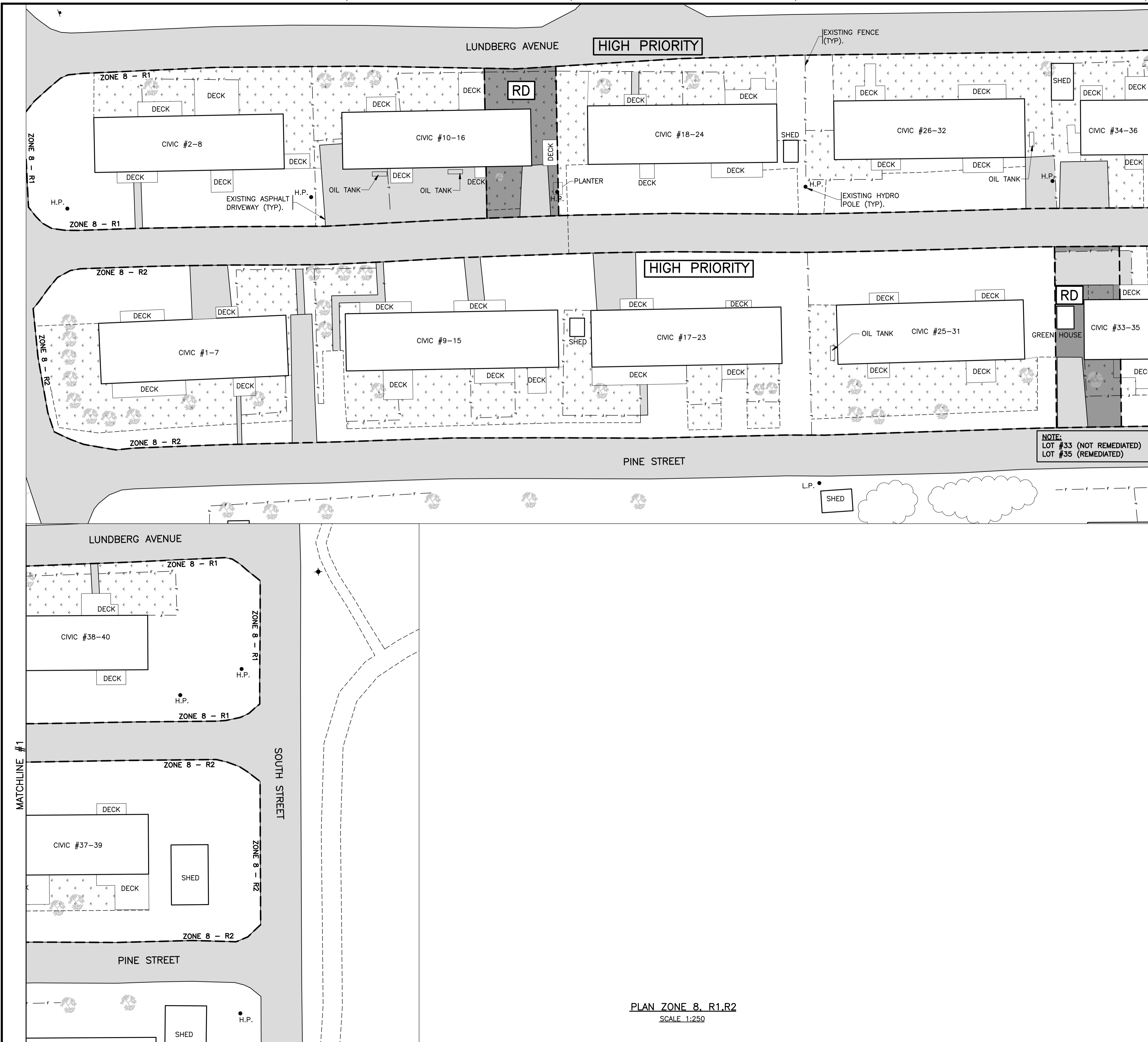
PROJECT ENGINEER S. SMITH	DESIGN PREPARED D. SHORT
PROJECT MANAGER D. SHORT	CHECKED S. SMITH
SCALE AS NOTED	DRAWING PREPARED K. RALPH
HMM PROJECT NO. 299289	CHECKED D. SHORT

DOEC PROJECT NUMBER
734.302.5

DRAWING NO.
299289-C-A1-EE1-009
SHEET C9 of 12



DRAWING No. 299289-C-A1-EE1-009 REV. 1 SHEET C9 of 12



PLAN ZONE 8, R1,R2
SCALE 1:250

- NOTES**
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 - U.P. EXISTING UTILITY POLE
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 - - - - - EXISTING GRAVEL ROAD/DRIVEWAY
 - ===== EXISTING ASPHALT ROAD/DRIVEWAY
 - ~~~~~ EXISTING TREELINE
 - ▨ NEW SODDED AREAS
 - RD RD = REMEDIATION DECLINED AREAS

DATE	NO.	REVISIONS	CH.	APP.	APP.
MAR 22, 2013	1	ISSUED FOR AS BUILT	M.L.	D.S.	S.S.
JUN 13, 2012	0	ISSUED FOR CONSTRUCTION	M.L.	D.S.	S.S.
MAY 16, 2012	B	ISSUED FOR TENDER	M.L.	D.S.	S.S.
MAY 11, 2012	A	ISSUED FOR APPROVAL	K.R.	D.S.	S.S.

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 clarenville@hatchmott.com

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PROJECT
 THE BUCHANS REMEDIATION
 PROJECT – RESIDENTIAL AND
 PUBLIC AREA REMEDIATION
 YEAR 1 (AS BUILT)

CLIENT/OWNER
 DEPARTMENT OF ENVIRONMENT
 AND CONSERVATION

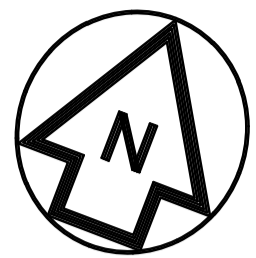
TITLE
 SITE PLAN YEAR 1
 CONSTRUCTION
 ZONE 8, R1, R2

PROJECT ENGINEER	S. SMITH	DESIGN	D. SHORT
PROJECT MANAGER	D. SHORT	CHECKED	S. SMITH
SCALE:	AS NOTED	DRAWING	K. RALPH
HMM PROJECT NO.	299289	PREPARED	D. SHORT
DOEC PROJECT NUMBER	734.302.5		

DRAWING NO. 299289-C-A1-EE1-010
 SHEET C10 of 12

REVISION

DRAWING No. 299289-C-A1-EE1-010 REV. 1
 SHEET C10 of 12



LEGEND

- H.P. EXISTING HYDRO POLE
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- - - - - EXISTING GRAVEL ROAD/DRIVEWAY
- ===== EXISTING ASPHALT ROAD/DRIVEWAY
- ~~~~~ EXISTING TREELINE
- ===== LIMIT OF HYDROSEEDING YEAR 1 DISPOSAL AREA
- NEW GRAVEL ACCESS ROAD FOR PROPOSED RV PARK
- 000.00 FINISHED GRADE
- c.s. NEW CURB STOP

- NOTES**
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 - REFER TO DETAILS ON DWG. C12, FOR DISPOSAL AREA CONSTRUCTION DETAILS.
 - AFTER INSTALLATION OF NEW 375mm Ø HDPE STORM SEWER PIPE, CONTRACTOR TO GROUT AROUND HOLE IN EXISTING CATCH BASIN WITH NON-SHRINK GROUT TO PROVIDE A WATER TIGHT SEAL.
 - TO AVOID EXTRA TRENCHING QUANTITIES, ALL ELECTRICAL CONDUIT AND WATERLINE MUST BE INSTALLED PRIOR TO PLACING DISPOSAL MATERIAL OVER RV SITE. NO EXTRA PAYMENT WILL BE MADE FOR TRENCHING QUANTITIES BEYOND THOSE SPECIFIED BY THE ENGINEER.

RV PARK DIMENSIONS
 LOT DEPTH = 18.30m (MINIMUM)
 LOT WIDTH = 7.62m (MINIMUM)
 LOT AREA = 139.45 m² (1500 ft²)
 MINIMUM
 1.00m WIDE BUFFER BETWEEN LOTS
 ROAD WIDTH = 6.10m TYPICAL

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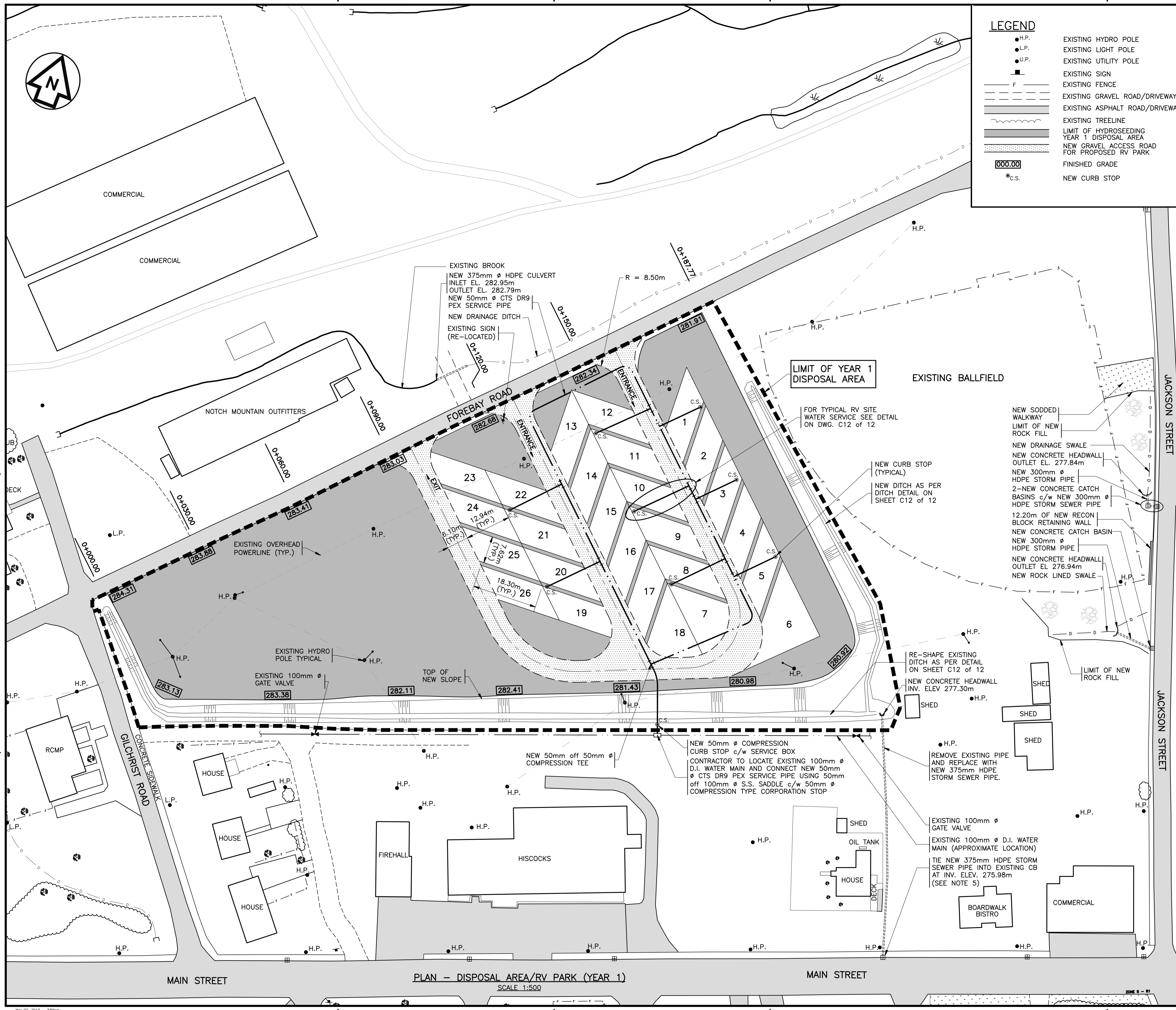
PROJECT
 THE BUCHANS REMEDIATION PROJECT – RESIDENTIAL AND PUBLIC AREA REMEDIATION YEAR 1 (AS BUILT)

CLIENT/OWNER
 DEPARTMENT OF ENVIRONMENT AND CONSERVATION

TITLE
 DISPOSAL AREA & RV PARK (YEAR 1)

PROJECT ENGINEER S. SMITH	DESIGN PREPARED D. SHORT
PROJECT MANAGER D. SHORT	CHECKED S. SMITH
SCALE AS NOTED	DRAWING PREPARED K. RALPH
HMM PROJECT NO. 299289	CHECKED D. SHORT
DOEC PROJECT NUMBER 734.302.5	

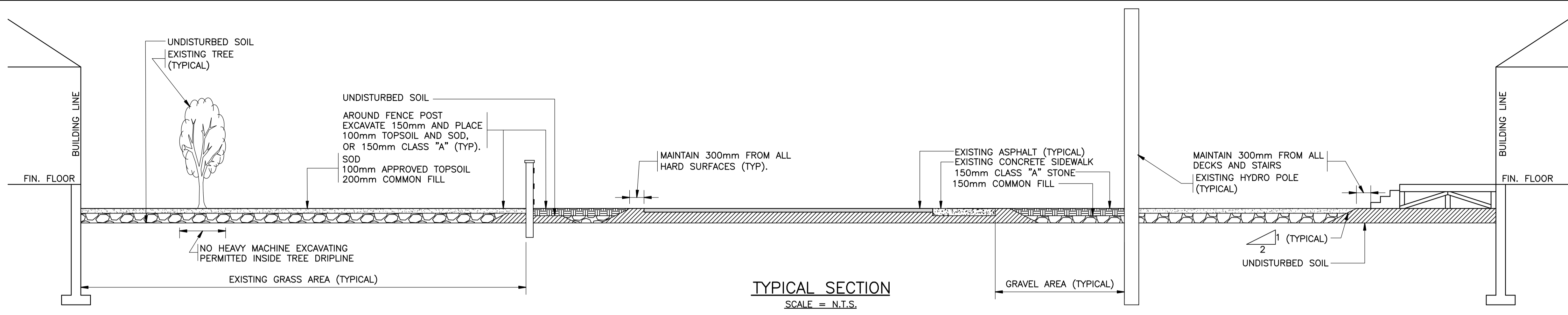
DRAWING NO. 299289-C-A1-EE1-011
 SHEET C11 of 12



DRAWING No. 299289-C-A1-EE1-011 REV. 0 SHEET C11 of 12

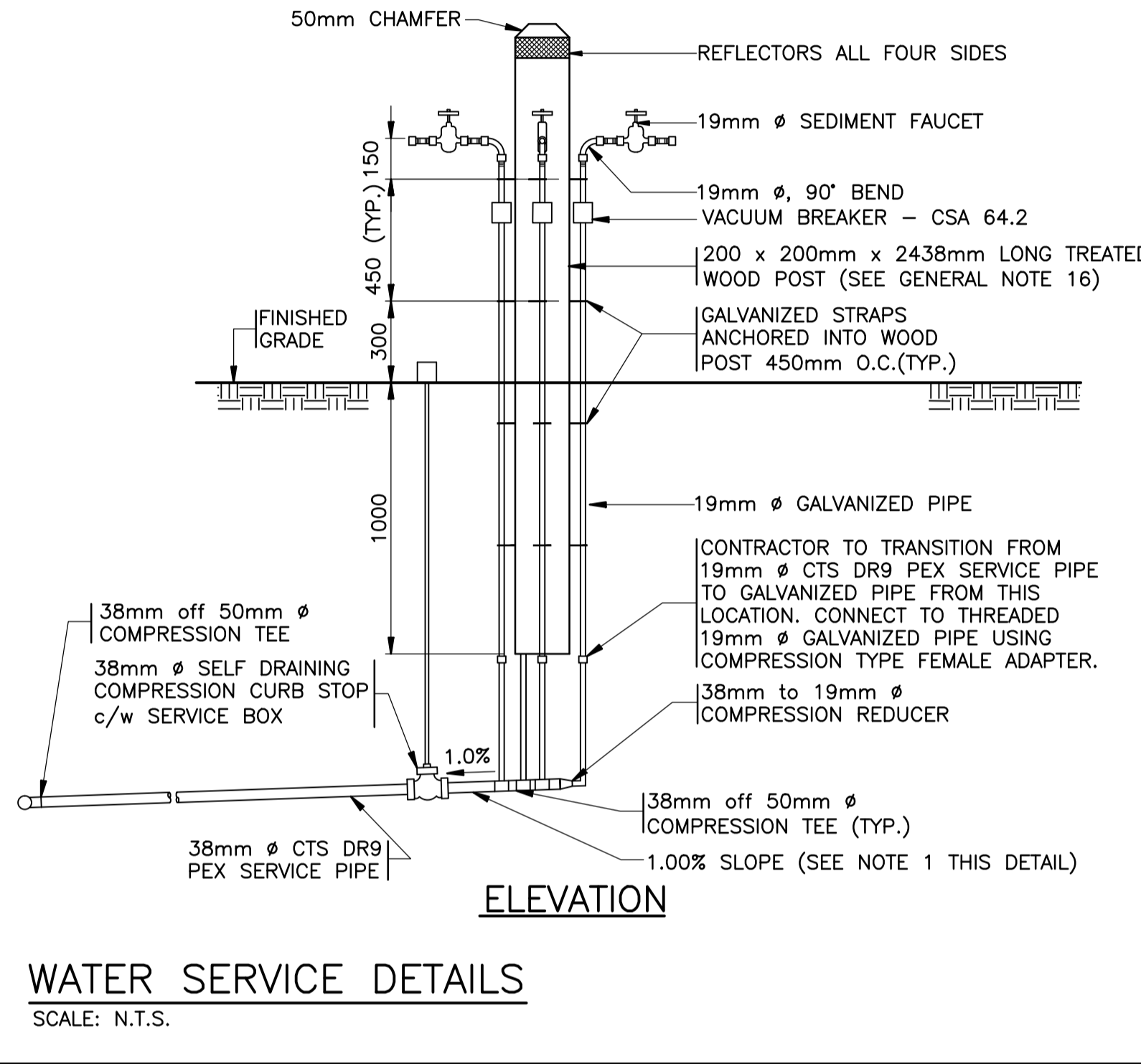
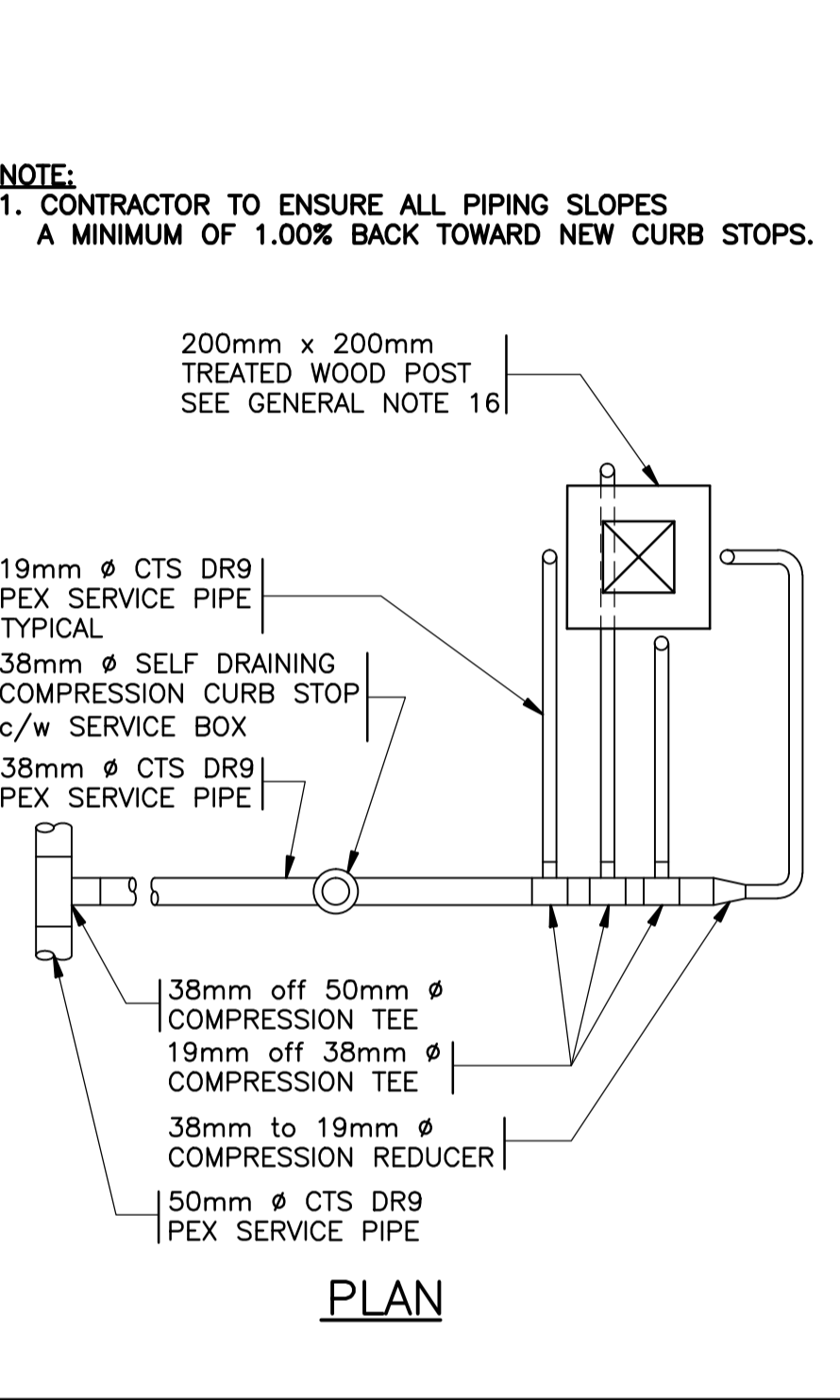
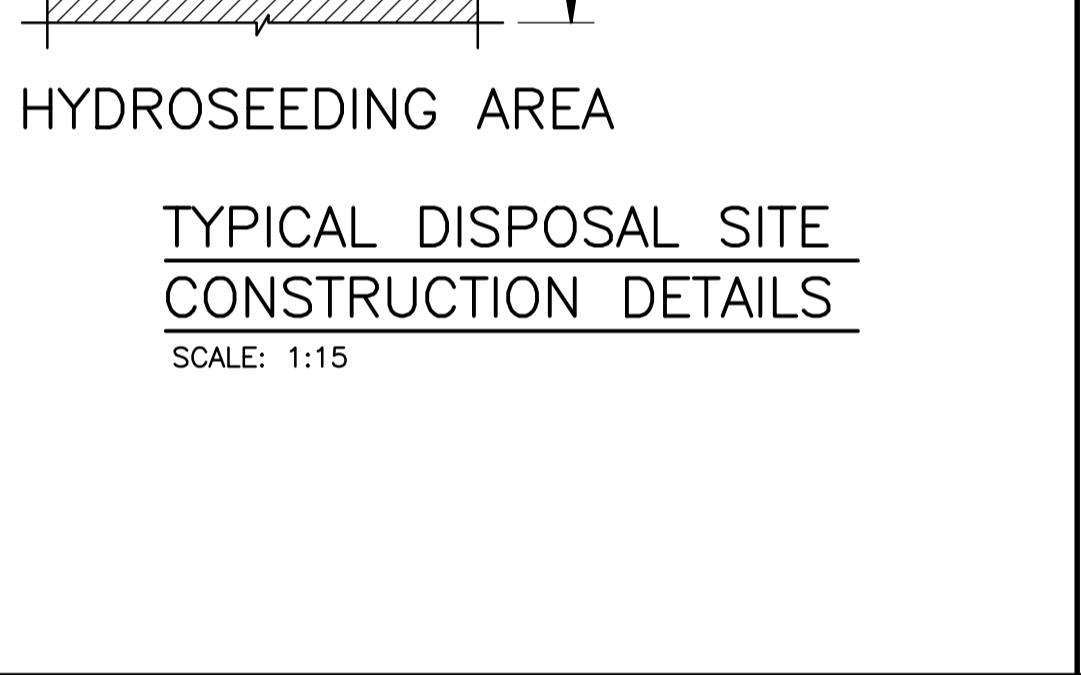
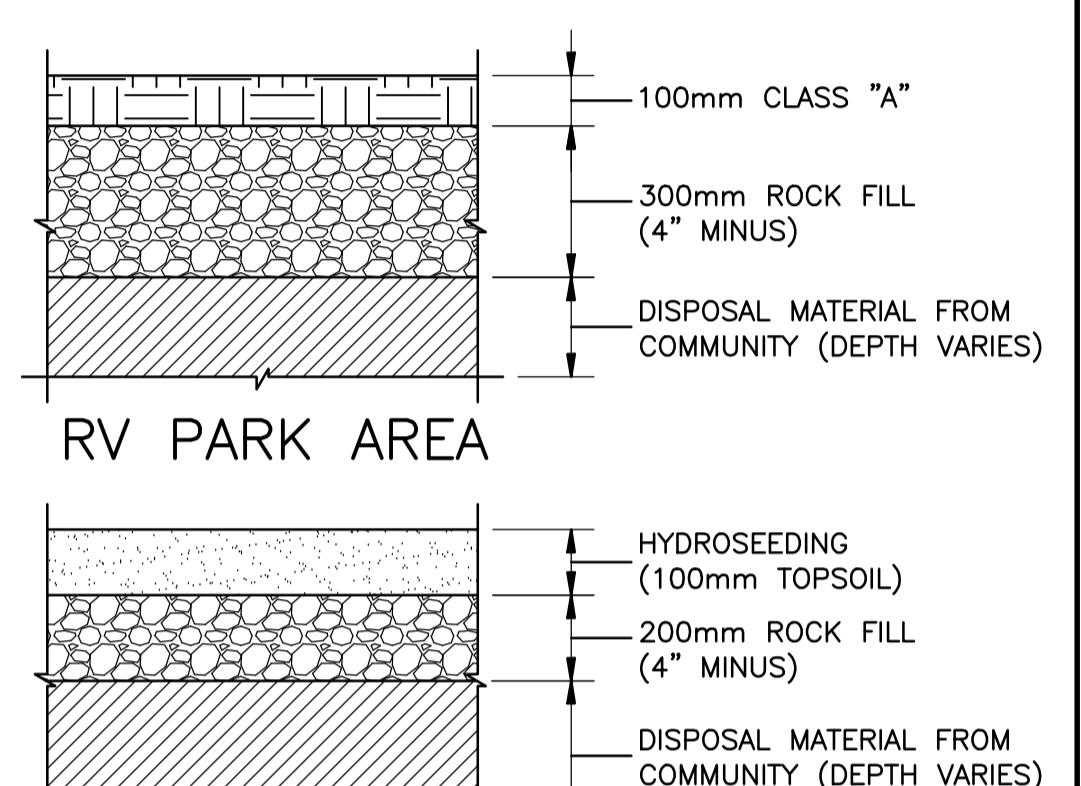
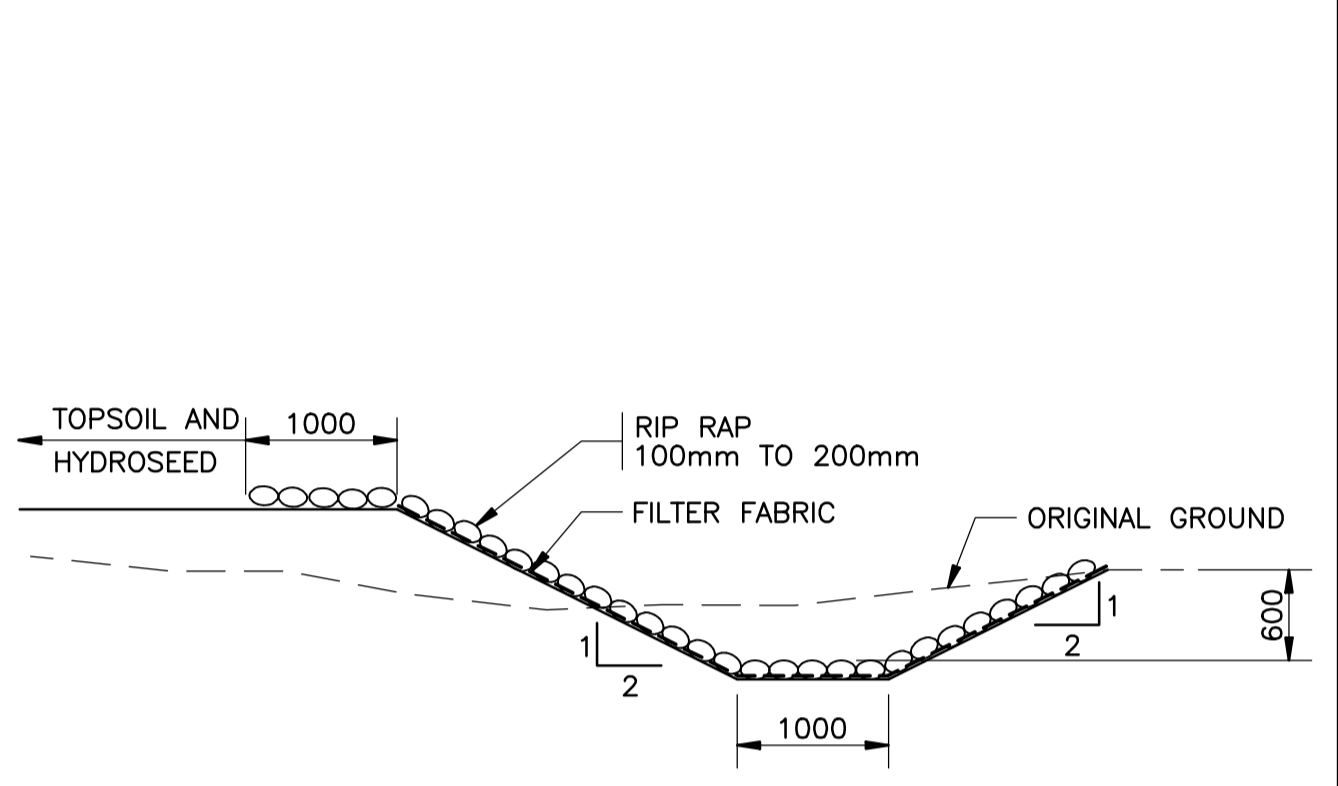
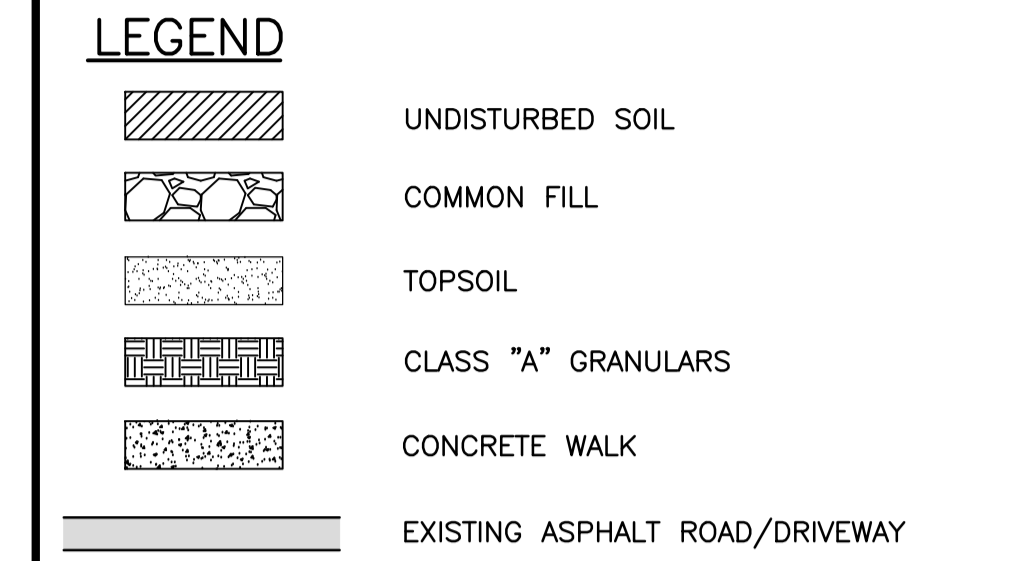
PLAN – DISPOSAL AREA/RV PARK (YEAR 1)
 SCALE 1:500

Mar 22, 2013 - 3:59pm
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NOTES

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2. REFER TO SHEET C12 of 12 FOR GENERAL CONSTRUCTION AND SURVEY NOTES.
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WATER SERVICE DETAILS
SCALE: N.T.S.

NOTE:
1. CONTRACTOR TO ENSURE ALL PIPING SLOPES A MINIMUM OF 1.00% BACK TOWARD NEW CURB STOPS.

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PROVINCE OF NEWFOUNDLAND PERMIT HOLDER CLASS "A" This Permit Allows HATCH MOTT MACDONALD LTD. To practice Professional Engineering in Newfoundland and Labrador. Permit No. as issued by PEG-NL X0316 which is valid for the year 2012.

SCOTT M. SMITH
DATE: 07/02/2013
SIGNATURE

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PROJECT
THE BUCHANS REMEDIATION PROJECT - RESIDENTIAL AND PUBLIC AREA REMEDIATION YEAR 1 (AS BUILT)

CLIENT/OWNER
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

TITLE
MISCELLANEOUS DETAILS & PROJECT NOTES - YEAR 1

PROJECT ENGINEER	DESIGN
S. SMITH	PREPARED D. SHORT
D. SHORT	CHECKED S. SMITH
SCALE: AS NOTED	DRAWING PREPARED K. RALPH/M. LEGGE
HMM PROJECT NO. 299289	CHECKED D. SHORT

DOEC PROJECT NUMBER
734.302.5

DRAWING NO. 299289-C-A1-EE1-012
SHEET C12 of 12

GENERAL NOTES

1. CONTRACTOR TO FOCUS ON HIGH PRIORITY AREAS FIRST, AND SUBMIT A DETAILED WORK PLAN PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR NOT TO TRAVEL ON PRIVATE PAVED OR CONCRETE SURFACES WITH CONSTRUCTION EQUIPMENT. CONTRACTOR TO GAIN ACCESS TO SITE BY REMOVING FENCES IF REQUIRED.
3. INDIVIDUAL PROPERTY SITES SHALL BE COMPLETED WITH SOD WITHIN TWO WEEKS FROM COMMENCEMENT OF EXCAVATION.
4. EXISTING HARD SURFACES SUCH AS CONCRETE WALKWAYS, WOODEN DECKS, ASPHALT, ETC. TO REMAIN. ALL FLOWER BEDS TO REMAIN.
5. NO EXCAVATION PERMITTED WITHIN 1m FROM HAZARDOUS LOCATIONS, I.E. OIL TANKS OR OTHER UNSTABLE STRUCTURES.
6. ALL UNDERGROUND OIL TANKS TO BE LOCATED BY CONTRACTOR AND MARKED IN FIELD PRIOR TO START OF CONSTRUCTION.
7. ALL EXISTING STRUCTURES AND SUBSURFACE UTILITIES WITHIN CONSTRUCTION LIMITS TO BE CONFIRMED BY CONTRACTOR AND PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED. CONTRACTOR RESPONSIBLE FOR REPAIRING OR REPLACING ANY DAMAGE CAUSED BY CONSTRUCTION.
8. IN EXISTING GRASSED AREAS, CONTRACTOR TO EXCAVATE 300mm DEPTH AND REPLACE WITH 200mm APPROVED COMMON FILL AND 100mm APPROVED TOPSOIL AND SOD.
9. IN ALL OTHER SOFT COVER AREAS, CONTRACTOR TO EXCAVATE 300mm DEPTH AND REPLACE WITH 150mm APPROVED COMMON FILL AND 150mm APPROVED CLASS "A" MATERIAL.
10. CLASS "A" MATERIAL TO BE COMPACTED TO NOT LESS THAN 100% OF THE MAXIMUM STANDARD PROCTOR DRY DENSITY ASTM D698-78 METHOD D AS PER SECTION 02233 OF THE MUNICIPAL MASTER SPECIFICATION.
11. IN AREAS WHERE GRADING PERMITS AND AT THE DISCRETION OF THE SITE ENGINEER, 300mm DEEP EXCAVATION MAY NOT BE REQUIRED. AT THESE LOCATIONS CONTRACTOR TO INSTALL COMMON FILL, TOPSOIL, SOD OR HYDROSEED, AND/OR CLASS "A" TO PROVIDE 300mm CAP OVER CONTAMINATED MATERIAL.
12. EXCAVATION AND BACK FILL OPERATIONS TO PROCEED SIMULTANEOUSLY. UNDER NO CIRCUMSTANCE SHALL EXCAVATED AREAS BE LEFT EXPOSED FOR A PERIOD LONGER THAN 48 HOURS.
13. PRIOR TO TRANSPLANTING TREES OR SHRUBS, CONTRACTOR TO CONSULT WITH A HORTICULTURIST.
14. AT EXISTING TREE AND MATURE SHRUB LOCATIONS, CONTRACTOR TO EXCAVATE TO A DEPTH AT DISCRETION OF SITE ENGINEER USING HAND TOOLS, OR SMALL MACHINERY AS APPROVED BY SITE ENGINEER. NO HEAVY MACHINE EXCAVATION PERMITTED INSIDE TREE DRIP LINE, AS PER SECTION 02104 OF MUNICIPAL MASTER SPECIFICATION.
15. TO AVOID CROSS CONTAMINATION, SEPARATE TRUCKS MUST BE USED FOR HAULING WASTE AND CLEAN IMPORTED MATERIAL. IF THE SAME TRUCK IS TO BE USED, CONTRACTOR MUST CLEAN TRUCK THOROUGHLY TO ENGINEERS APPROVAL. CLEANING TO BE CARRIED OUT AT AN APPROVED DISPOSAL SITE.
16. 200mm x 200mm WOOD POST FOR RV PARK WATER CONNECTION TO BE INSTALLED WITHIN 1M BUFFER ZONE BETWEEN RV LOTS.

SURVEY NOTES

1. COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE UTM MAPPING PLANE, ZONE 21 USING THE NORTH AMERICAN DATUM OF 1983 (NAD83).
2. ALL COORDINATES AND ELEVATIONS REFERRED TO PROVINCIAL GOVERNMENT CONTROL MONUMENT 91G7044, HAVING COORDINATES AND ELEVATION OF N=5408127.600, E=511133.520, Z=265.078m
3. ADDITIONAL SITE CONTROL WILL BE ESTABLISHED BY HMM AND PROVIDED TO CONTRACTOR PRIOR TO START OF CONSTRUCTION.

DRAWING No. 299289-C-A1-EE1-012 REV. 1 SHEET C12 of 12