PROPOSED FEATURES

PROPOSED BUILDING

EXISTING FEATURES

SITE BOUNDARY

PROPERTY LINE (OTHERS)

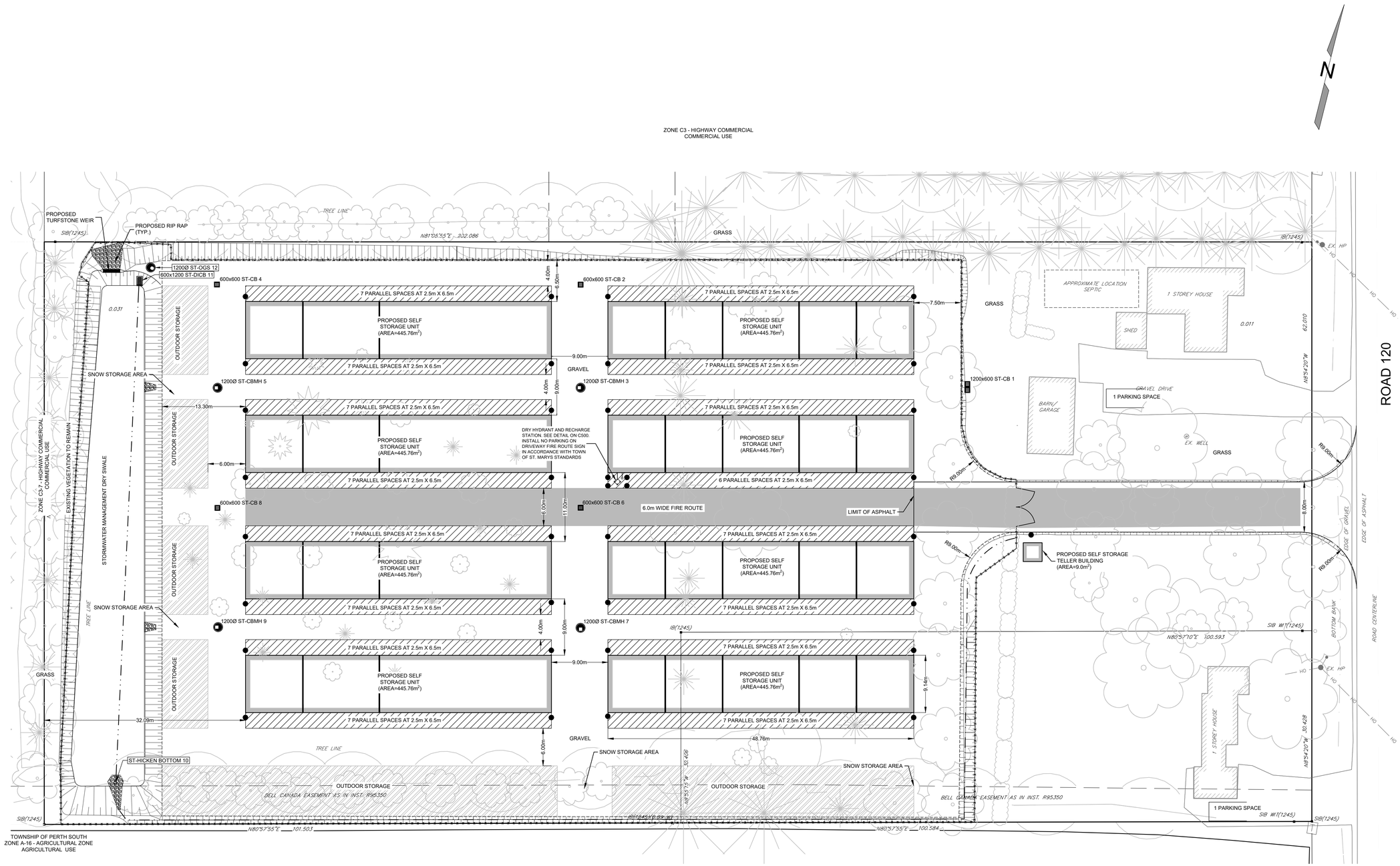
EASEMENT

EX. BUILDING

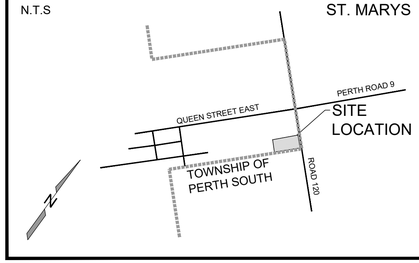
EX. HYDRO (OVERHEAD)

ZONING INFORMATION:

ZONING TYPE:	LIGHT INDUSTRIAL		
ZONE:	M1-H-H$_2$		
	EXISTING	**PROPOSED**	**REQUIRED BY ZONING BYLAW**
LOT AREA	18,728.16m^2	18,728.16m^2	1,250.0m^2 (MIN.)
LOT FRONTAGE	92.428m	92.428m	30.0m (MIN.)
LOT DEPTH	202.086m	202.086m	37.5m (MIN.)
FRONT YARD	10.74m	10.74m	7.5m (MIN.)
REAR YARD	32.09m	32.09m	6.0m (MIN.)
INTERIOR SIDE YARD	4.07m	4.07m	3.0m (MIN.) 6.0m (ABUTTING RESIDENTIAL)
EXTERIOR SIDE YARD	4.07m	4.07m	7.5m (MIN.)
LOT COVERAGE	2.87% (449.21m^2)	21.12% (3,956.31m^2)	50.0% (MAX.)
LANDSCAPED OPEN SPACE	95.3% (14,922.19m^2)	32.5% (6,089.83m^2)	20.0% (MIN.)
OUTDOOR STORAGE LOT COVERAGE	NA	7.02% (1,315m^2)	10% MAX
OUTDOOR STORAGE REAR YARD	NA	14.53m	6.0m (MIN.)
OUTDOOR STORAGE INTERIOR YARD	NA	3.0m	3.0m (MIN.) 6.0m (ABUTTING RESIDENTIAL)
TOTAL PARKING SPACES	2 SPACES	114 SPACES	1 SPACE PER 40m2 3,956.31 / 40 = 99 SPACES



KEY PLAN
N.T.S



CONTRACTOR NOTES:

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BENCHMARK

ELEVATIONS ARE RELATED TO TOP SPINDLE OF FIRE HYDRANT ON THE NORTH SIDE OF QUEEN STREET AT THE CORNER OF QUEEN AND 120 ROAD.

ELEVATION: 235.88m

No.	ISSUED DESCRIPTION	DATE
1	ISSUED FOR CLIENT REVIEW	2021-11-12
2	ISSUED FOR SITE PLAN APPROVAL	2021-11-16
3	REVISED PER MUNICIPAL COMMENTS	2021-12-20
4	ISSUED FOR SITE PLAN AMMENDMENT	2022-05-13
5		

GRIT ENGINEERING INC

LICENSED PROFESSIONAL ENGINEER
2022-05-13
M. E. WILSON
100136472
PROVINCE OF ONTARIO

ROAD 120
SELF STORAGE UNITS

PROJECT INFORMATION: 60 ROAD 120, ST, MARYS, ONTARIO

C & C MANAGEMENT

CLIENT INFORMATION:

DRAWING NAME:

SITE PLAN

PROJECT No: GE22-0021-2

SCALE: 1:300

DRAWING No: C200

SHEET SET No: 1 OF 4

PROPOSED FEATURES

PROPOSED BUILDING

PROPOSED LIGHT DUTY SILT FENCE

PROPOSED HEAVY DUTY SILT FENCE

PROPOSED REMOVALS

PROPOSED LANDSCAPING

EXISTING FEATURES

SITE BOUNDARY

PROPERTY LINE (OTHERS)

EASEMENT

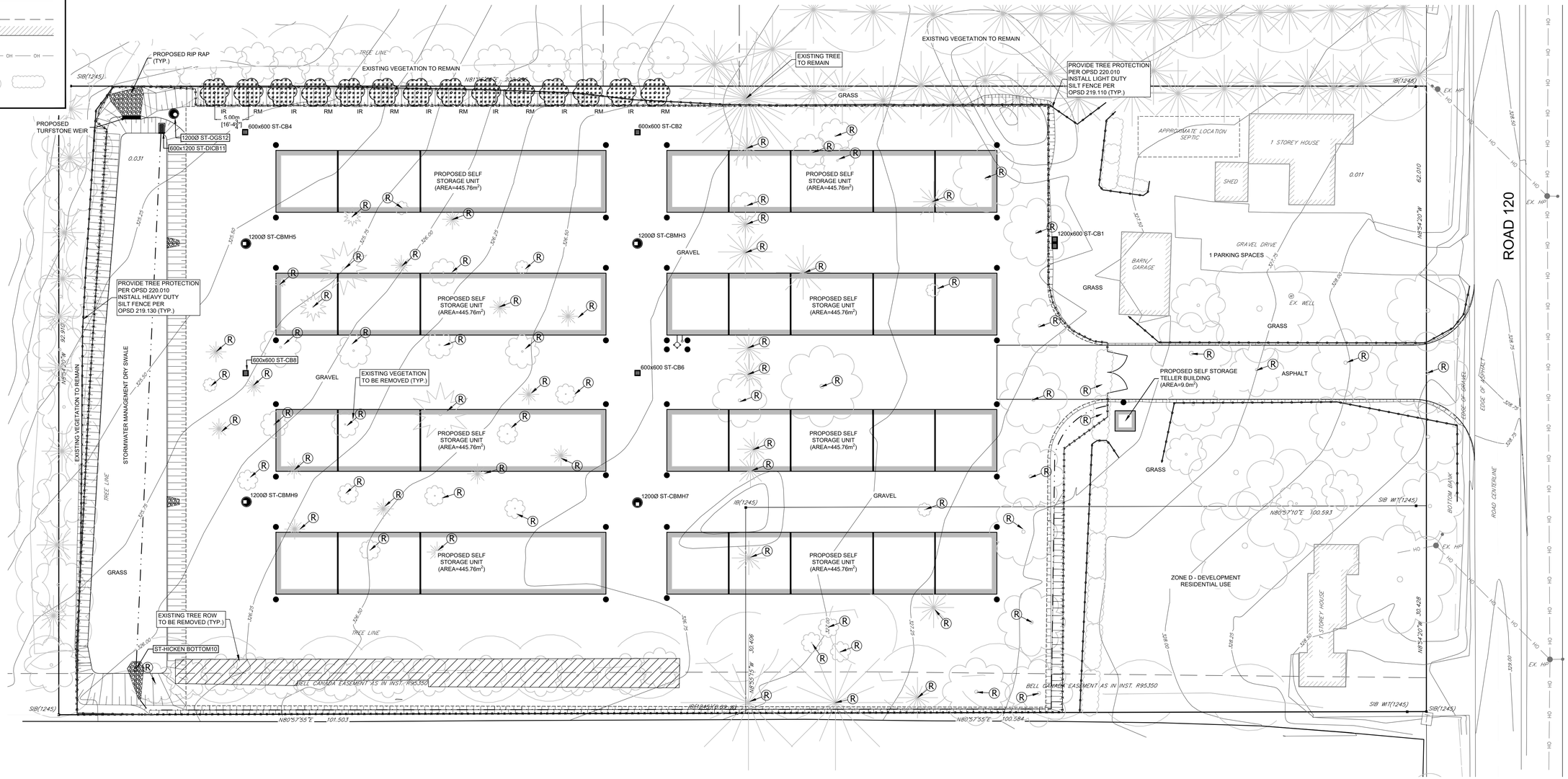
EX. BUILDING

EX. HYDRO (OVERHEAD) — OH — OH — OH — OH — OH —

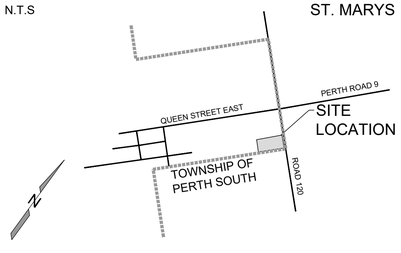
EX. VEGETATION

NOTES:
1. TOTAL OF 88 TREES TO BE REMOVED.
2. TREE PROTECTION FENCING TO BE IN PLACE PRIOR TO CONSTRUCTION AND TO BE MAINTAINED DURING CONSTRUCTION.

LANDSCAPE CHART					
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	PLANTED HEIGHT	MATURE HEIGHT
TREES					
RM	7	ACER RUBRUM	RED MAPLE	1.8m	27-38m
IR	7	OSTRYA VIRGINIANA	IRONWOOD	2.5m	8-12m



KEY PLAN
N.T.S



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BENCHMARK

ELEVATIONS ARE RELATED TO TOP SPINDLE OF FIRE HYDRANT ON THE NORTH SIDE OF QUEEN STREET AT THE CORNER OF QUEEN AND 120 ROAD.

ELEVATION: 235.88m

No.	ISSUED DESCRIPTION	DATE
1	ISSUED FOR CLIENT REVIEW	2021-11-12
2	ISSUED FOR SITE PLAN APPROVAL	2021-11-16
3	REVISED PER MUNICIPAL COMMENTS	2021-12-20
4	REVISED PER MUNICIPAL COMMENTS	2022-01-25
5	ISSUED FOR SITE PLAN AMMENDMENT	2022-05-13

GRIT ENGINEERING INC

LICENSED PROFESSIONAL ENGINEER
2022-05-13
M. E. WILSON
100136472
PROVINCE OF ONTARIO

ROAD 120
SELF STORAGE UNITS

PROJECT INFORMATION: 60 ROAD 120, ST, MARYS, ONTARIO

C & C MANAGEMENT

CLIENT INFORMATION:

DRAWING NAME:

TREE PRESERVATION PLAN

PROJECT No: GE22-0021-2

SCALE: 1:300

DRAWING No: L200

SHEET SET No: 2 OF 4

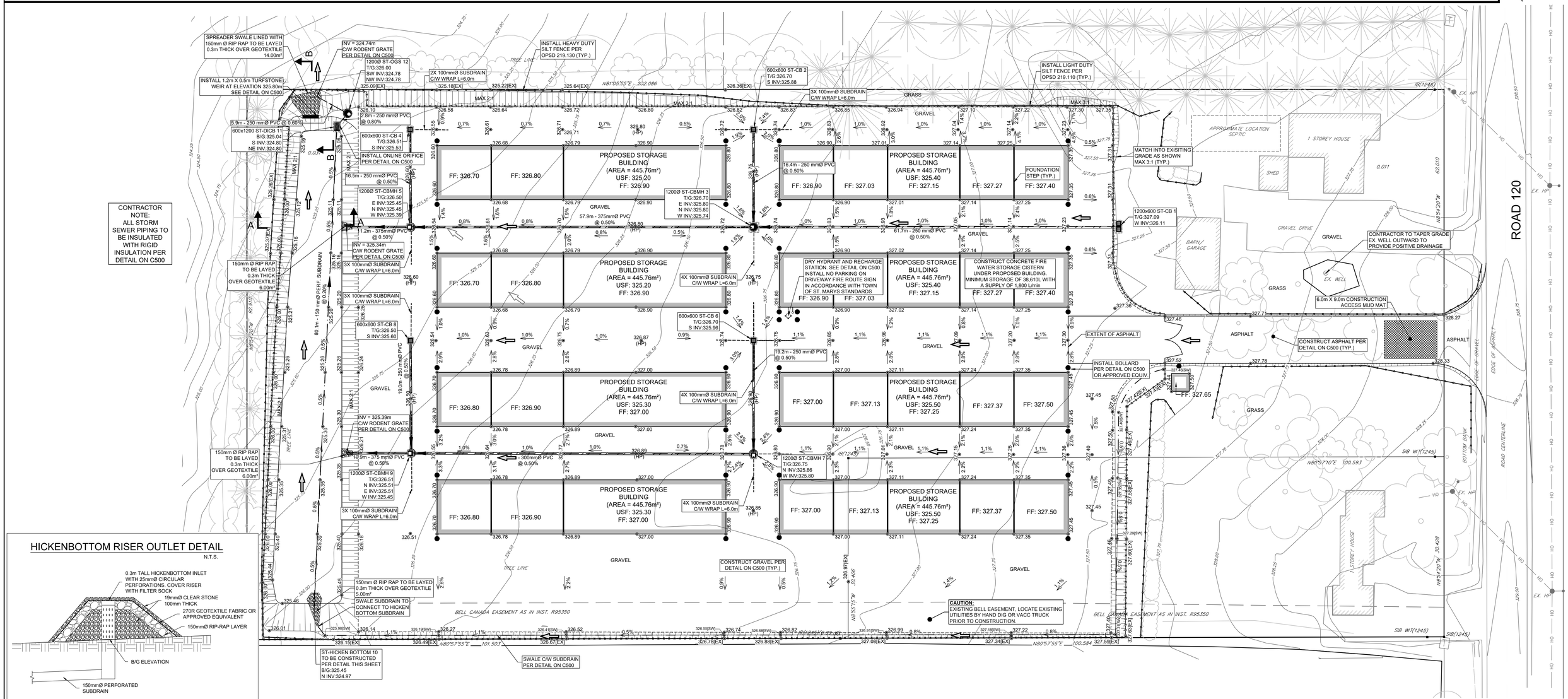
PROPOSED FEATURES

- PROPOSED BUILDING
- PROPOSED OVERHEAD DOOR
- PROPOSED ELEVATION — 360.00
- PROPOSED DRAINAGE — 0.2%
- PROPOSED SWALE — 0.2%
- PROPOSED STORM SEWER — ST-MH1
- PROPOSED STORM STRUCTURE
- PROPOSED WATERMAIN — FH
- PROPOSED EMBANKMENT — TOP OF EMBANKMENT / BOTTOM OF EMBANKMENT
- PROPOSED RIP RAP
- PROPOSED BOLLARD — BOL.
- PROPOSED LIGHT DUTY SILT FENCE
- PROPOSED HEAVY DUTY SILT FENCE
- PROPOSED SILT SACK
- PROPOSED CONSTRUCTION ACCESS
- PROPOSED OVERLAND FLOW ROUTE
- PROPOSED PIPE INSULATION
- PROPOSED FENCE

EXISTING FEATURES

- SITE BOUNDARY
- PROPERTY LINE (OTHERS)
- EASEMENT
- EX. BUILDING
- EX. CONTOURS — 300.00 / 298.00
- EX. OVERLAND FLOW ROUTE
- EX. HYDRO (OVERHEAD) — OH
- EX. HYDRO POLE — EX. HP
- EX. VEGETATION

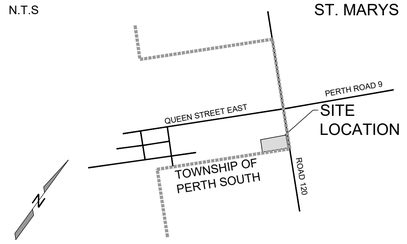
N



HICKENBOTTOM RISER OUTLET DETAIL

N.T.S.

KEY PLAN
N.T.S



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GRIT ENGINEERING INC

LICENSED PROFESSIONAL ENGINEER
2022-05-13
M. E. WILSON
100136472
PROVINCE OF ONTARIO

ROAD 120
SELF STORAGE UNITS

PROJECT INFORMATION: 60 ROAD 120, ST, MARYS, ONTARIO

C & C MANAGEMENT

CLIENT INFORMATION:

DRAWING NAME:

SITE SERVICING, GRADING, AND EROSION & SEDIMENT CONTROL PLAN

PROJECT No: GE22-0021-2

SCALE: 1:300

DRAWING No: C300

SHEET SET No: 3 OF 4

GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS

1. GENERAL NOTES

1.1. THESE PLANS ARE NOT FOR CONSTRUCTION UNTIL SIGNED AND SEALED BY ENGINEER AND APPROVED BY THE TOWN OF ST. MARYS.

1.2. ALL CONSTRUCTION WORK TO BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE (MOST RECENT) STANDARDS.

1.3. THE PLANS PREPARED BY GRIT ENGINEERING INC. ARE NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ENGINEER AND ACCEPTED BY THE APPROVING AGENCY. THESE PLANS ARE NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF GRIT ENGINEERING INC.

1.4. CHANGES TO DRAWINGS ARE NOT PERMITTED UNTIL REVIEWED AND APPROVED BY THE ENGINEER AND ACCEPTED BY THE APPROVING AUTHORITY.

1.5. CONTRACTOR TO VERIFY THAT THE DRAWINGS BEING USED FOR THE CONSTRUCTION ARE THE MOST RECENT VERSION.

1.6. UTILITY LOCATES AND ALL APPLICABLE PERMITS ARE TO BE OBTAINED PRIOR TO THE START OF CONSTRUCTION AND INSPECTION BEING COMPLETED.

1.7. THE CONTRACTOR IS TO VERIFY THE EXISTING CONDITION OF THE SITE. THE VERIFICATION INCLUDES AND NOT LIMITED TO THE SERVICE LOCATION, SERVICE ELEVATIONS, UTILITY CONFLICTS AND BENCHMARK ELEVATIONS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY AND PRIOR TO THE CONTINUATION OF CONSTRUCTION.

1.8. LEGAL INFORMATION AND EXISTING TOPOGRAPHIC INFORMATION TAKEN FROM PLAN PREPARED BY NA GEOMATICS, RECEIVED NOVEMBER 9, 2021.

1.9. THE CONTRACTOR IS TO OBTAIN CONSENT FROM THE NEIGHBOR IN THE FORM OF WRITTEN CORRESPONDENCE GRANTING PERMISSION TO ENTERING THE PROPERTY TO COMPLETE ANY CONSTRUCTION ACTIVITY. THE WRITTEN CONSENT IS TO BE PROVIDED TO THE APPROVING AUTHORITY PRIOR TO THE CONTINUATION OF WORK FOR APPROVAL. THE CONTRACTOR WILL ASSUME LIABILITY FOR ALL WORKS IF FAILURE TO COMPLY.

1.10. THIS DRAWING IS TO BE READ COMBINATION WITH THE FOLLOWING:
1.10.1. STORMWATER MANAGEMENT REPORT, MAY 13TH, 2022.

1.11. DURING THE CONSTRUCTION, THE CONTRACTOR ASSUMES ALL LIABILITY FOR DAMAGE TO ALL EXISTING FEATURES AND STRUCTURES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL RESTORATION AND RESTORED TO EXISTING CONDITION OR BETTER.

1.12. THESE PLANS ARE TO BE USED FOR SERVICING AND GRADING ONLY; ANY OTHER INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY. THESE PLANS MUST NOT BE USED TO SITE THE PROPOSED BUILDING.

1.13. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO EXISTING WORKS. THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL DAMAGED AND/OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT-OF-WAY TO THE APPROVING AGENCY STANDARDS

1.14. ALL UNDERGROUND SERVICES ARE TO BE CONSTRUCTED IN FULL COMPLIANCE WITH THE ONTARIO PROVINCIAL BUILDING CODE (PART 7, PLUMBING), THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS) AND THE REQUIREMENTS OF THE TOWN OF ST.MARYS; WHICH CODES AND REGULATIONS SHALL SUPERSEDE ALL OTHERS.

1.15. SITE SERVICING CONTRACTOR TO TERMINATE ALL SERVICES 1 METRE FROM FOUNDATION WALL.

1.16. FILTER FABRIC TO BE TERRAFIX 270R OR APPROVED EQUAL.

1.17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD INCLUDING THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNALS, DELINEATORS, MARKERS, AND BARRIERS. ALL SIGNS, ETC. SHALL CONFORM TO THE STANDARDS OF THE TOWN OF ST.MARYS AND THE MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

1.18. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

1.19. FOLLOWING COMPLETION OF PROPOSED WORKS AND PRIOR TO OCCUPANCY INSPECTION, ALL STORM SEWERS ARE TO BE FLUSHED, AND ALL CATCHBASIN AND CATCHBASIN MANHOLE SUMPS ARE TO BE CLEANED OF DEBRIS AND SILT.

2. INSPECTION AND CERTIFICATION

2.1. GRIT ENGINEERING INC. REQUIRES A MINIMUM OF 24 HOURS NOTICE PRIOR TO THE REQUIRED INSPECTION BE REQUESTED. INSPECTIONS ARE REQUIRED TO VERIFY, PIPE INSTALLATION (MATERIALS, SIZE, LOCATION AND ELEVATION), STRUCTURE PLACEMENT, SURFACE MATERIAL AND FINISHED GRADING.

2.1.1. CONSTRUCTION WORKS WITHIN THE PUBLIC RIGHT-OF-WAY REQUIRE FULL TIME INSPECTION.

2.1.2. CONSTRUCTION WORKS WITHIN PRIVATE LANDS ARE REQUIRED ON A PART TIME AND AS NEEDED BASIS.

2.2. FAILURE TO COMPLY WITH GRIT ENGINEERING INC. INSPECTION REQUIREMENTS, WILL RESULT IN ADDITIONAL CONSTRUCTION INSPECTION AND VERIFICATION AT THE EXPENSE OF THE CONTRACTOR.

3. STORM SEWERS AND SERVICING

3.1. PIPE BEDDING FOR RIGID PIPE TO BE CLASS ``B'' AS PER OPSD 802.030, 802.031, OR 802.032. PIPE BEDDING FOR FLEXIBLE PIPE TO BE AS PER OPSD 802.010. BEDDING MATERIAL AND COVER MATERIAL TO BE GRANULAR ``A''. TRENCH BACKFILL TO BE NATIVE MATERIAL REPLACED IN 300mm LIFTS AND COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.

3.2. STORM SEWERS 200mmØ TO 450mmØ SHALL BE POLYVINYL CHLORIDE (PVC) PIPE DR35 ASTM-D3034 OR RIBBED PVC SEWER PIPE CSA B182.4-M90 ASTM-F794 WITH INTEGRAL BELL AND SPIGOT UTILIZING FLEXIBLE ELASTOMERIC SEALS. RIBBED PVC NOT TO BE USED WITHIN-RIGHT-OF-WAY.

3.3. MAINTENANCE HOLES AND MAINTENANCE HOLE CATCHBASINS TO BE 1200mmØ PRECAST WITH ALUMINIUM STEPS AT 300mm CENTRES AS PER OPSD 701.010 UNLESS OTHERWISE SPECIFIED.

3.4. MAINTENANCE HOLES TO BE BENCHED PER OPSD 701.021.

3.5. CATHBASIN STRUCTURES 600mmX600mm PER OPSD 705.010

3.6. DITCHINLET CATCHBASIN STRUCTURES 600mmX1200mm PER OPSD 705.040 (TYPE B)

3.7. DOUBLE CATCHBASIN STRUCTURES 600mmX1450mm PER OPSD 705.020

3.8. OIL GRIT SEPARATOR TO BE ADS MODEL FD-4HC OR APPROVED EQUIVALENT.
RAINFALL DATA: STRATFORD
CATCHMENT AREA: ±1.36 Ha
CATCHMENT IMPERVIOUS PERCENTAGE: 80.0%
QUALITY LEVEL: ENHANCED
FLOW RATE: ≥ 90 L/s

3.9. CATCHBASIN MAINTENANCE HOLES, CATCHBASINS AND DITCH INLET CATCHBASINS TO HAVE A MINIMUM 600mm DEEP SUMP.

3.10. MAINTENANCE HOLE AND CATCHBASIN, FRAMES, GRATES, CASTINGS AND LIDS TO BE QUALITY GREY IRON ASTM A48 CLASS 30B.

3.11. STORM MAINTENANCE HOLE LIDS TO BE PER OPSD 401.010 - TYPE 'B' CATCHBASIN AND CATCHBASIN MAINTENANCE HOLE GRATES TO BE PER OPSD 400.100.

3.12. STORM SEWERS AND SERVICES TO HAVE MINIMUM 1.2m COVER TO TOP OF PIPE. WHERE COVER TO TOP OF PIPE IS DEFICIENT, CONTRACTOR SHALL INSTALL SHALLOW BURIED SEWER PIPE PER DETAIL THIS SHEET OR OTHER ENGINEER-APPROVED EQUIVALENT.

4. FIRE WATER SUPPLY SERVICE

4.1. DRY HYDRANTS TO BE INSTALLED IN ACCORDANCE TO NFPA 1142.

4.2. FIRE MAIN IS TO BE 200mmØ GALVANIZED STEEL SCHEDULE 80 OR APPROVED EQUIVALENT.

4.3. FIRE MAIN PIPE BEDDING TO BE CLASS 'B' AS PER OPSD 802.030. PIPE BEDDING AND COVER MATERIAL TO BE GRANULAR 'A' OR APPROVED EQUIVALENT. TRENCH BACKFILL TO BE APPROVED NATIVE MATERIAL AND PLACED IN 300mm THICK LIFTS COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.

5. EROSION AND SEDIMENT CONTROL

5.1. PRIOR TO THE START OF ANY CONSTRUCTION THE CONTRACTOR IS TO INSTALL THE EROSION AND SEDIMENT CONTROLS IN ACCORDANCE TO THE APPROVED PLAN.

5.2. NO ALTERNATE EROSION AND SEDIMENT CONTROLS ARE PERMITTED WITHOUT APPROVAL FROM THE ENGINEER AND APPROVING AUTHORITY.

5.3. ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED AS THE CONSTRUCTION PROGRESSES. THE CONTRACTOR TO INSTALL ADDITIONAL MEASURES AS REQUIRED BY THE ENGINEER AND APPROVING AUTHORITY.

5.4. THE CONTRACTOR IS TO PERFORM REGULAR MAINTENANCE, REPAIRS AND REPLACEMENT ON ALL CONTROLS TO ENSURE PROPER FUNCTIONING UNTIL PROJECT IS COMPLETE.

5.5. EROSION CONTROL FENCING TO BE INSTALLED AROUND BASE OF ALL STOCKPILES. ALL STOCKPILES TO BE KEPT 2.5m MINIMUM FROM PROPERTY LINE.

5.6. EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM AND SANITARY MHs AND CBs.

5.7. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. CONTRACTOR TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.

5.8. CONTRACTOR TO CLEAN ROADWAY AND SIDEWALKS OF SEDIMENTS RESULTING FROM CONSTRUCTION TRAFFIC FROM THE SITE EACH DAY.

5.9. THE CONTRACTOR IS TO REMOVE ALL EROSION AND SEDIMENT CONTROLS UNTIL DEVELOPMENT IS COMPLETE AND VEGETATION PROPOSED FINISHED HARD SURFACE MATERIALS ARE INSTALLED AND VEGETATION IS STABILIZED WITH MATURE GROWTH.

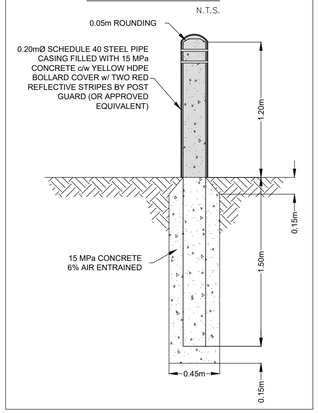
6. MAINTENANCE RECOMMENDATIONS

6.1. EROSION CONTROL STRUCTURES TO BE MONITORED REGULARLY AND ANY DAMAGE REPAIRED IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 1/3 THE HEIGHT OF THE FENCE.

6.2. OWNER'S REPRESENTATIVE TO MONITOR EROSION CONTROL STRUCTURES TO ENSURE FENCING IS INSTALLED AND MAINTENANCE IS PERFORMED TO MUNICIPALITY REQUIREMENTS.

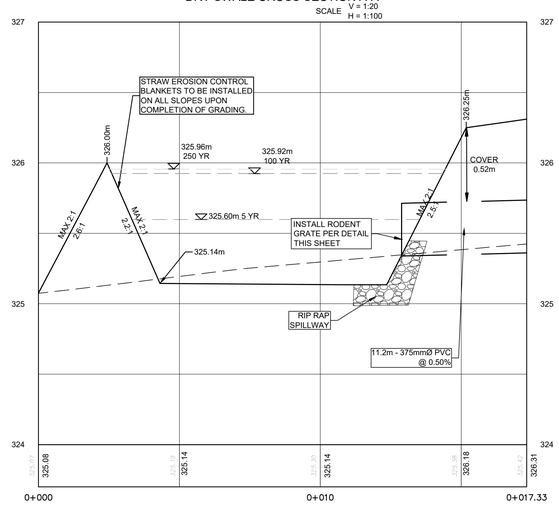
BOLLARD DETAIL

N.T.S.



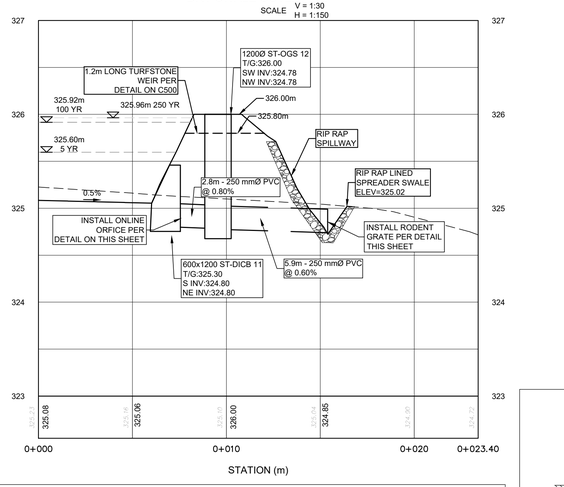
DRY SWALE CROSS SECTION A-A

SCALE V = 1:20
H = 1:100



DRY SWALE OUTLET B-B

SCALE V = 1:30
H = 1:150



OVERFLOW WEIR DETAIL

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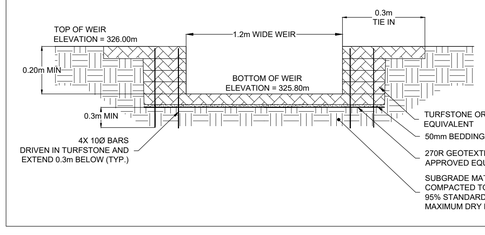

ON-LINE ORIFICE DETAIL

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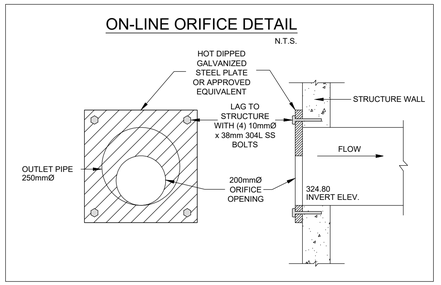

PAVEMENT STRUCTURE

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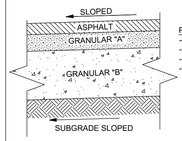
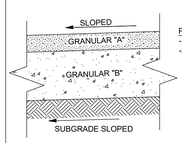


PAVEMENT RESTORATION:
-40mm HL3 TOP COAT
-50mm HL4 BASE COAT
-150mm GRANULAR 'A'
-225mm GRANULAR 'B'

NOTE: ROAD STRUCTURE PER TOWN OF ST.MARYS. ROAD STRUCTURE TO BE VERIFIED ONSITE BY A QUALIFIED GEOTECHNICAL ENGINEER AT TIME OF CONSTRUCTION.

GRAVEL STRUCTURE

N.T.S.



PAVEMENT RESTORATION:
-150mm GRANULAR 'A'
-225mm GRANULAR 'B'

NOTE: ROAD STRUCTURE PER TOWN OF ST. MARYS. ROAD STRUCTURE. TO BE VERIFIED ONSITE BY A QUALIFIED GEOTECHNICAL ENGINEER AT TIME OF CONSTRUCTION.

RODENT GRATE DETAIL C/W CSP SLEEVE

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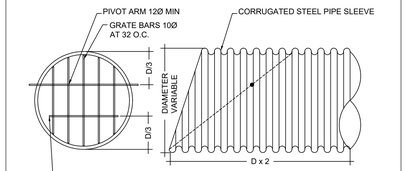


1. FOR 300mmØ PIPES AND OVER, ADDITIONAL 12mmØ HORIZONTAL GRATE BAR TO BE PLACED IN THIS LOCATION.

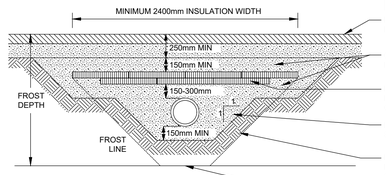
2. FOR PIPES LESS THAN 300mmØ, NO HORIZONTAL GRATE BARS REQUIRED.

3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

4. ALL MATERIALS TO BE DOUBLE HOT DIPPED GALVANIZED.

SEWER PIPE INSULATION DETAIL

N.T.S.



NOTE: FOR STORM SEWERS HAVING LESS THAN 1500mm COVER AND MINIMUM 680mm COVER

PAVEMENT STRUCTURE (ASPHALT AND/OR GRANULAR), OR SELECT NATIVE MATERIAL AND TOPSOIL, AS SPECIFIED ON DRAWINGS

GRANULAR 'A' BEDDING & BACK FILL BELOW AND ABOVE PIPE AND INSULATION BOARD, COMPACTED TO MINIMUM 95% SPMDD

RIGID EPS-INSULATION BOARD PER SPECIFICATION NOTES (MINIMUM R20-THICKNESS, TYPICALLY 100-130mm. MINIMUM 2 LAYERS INSULATION BOERD OVERLAPPED MINIMUM 300mm AT ALL JOINTS)

NOTE: TRENCH SIDE-SLOPES IN AREAS OF PIPE INSULATION TO BE MAXIMUM 1:1 SLOPE, NO VERTICAL SECTIONS ALLOWED UNLESS INDICATED IN DETAIL

NATIVE SOILS - WHERE NATIVE SOIL IS SOFT AND/OR OF ORGANIC CONTENT, REMOVE TO DEPTH OF SUITABLE SOILS AND REPLACE WITH GRANULAR-B2 MATERIAL COMPACTED TO 95% SPMDD, OR CONSTRUCT IN ACCORDANCE WITH WRITTEN DIRECTION FROM GEOTECHNICAL CONSULTANT

FROST DEPTH - PROTECT SOIL ZONE UNDER PIPE FROM FREEZING REFER TO OPSD 3400.011 FOR SPECIFIC LOCAL FROST DEPTH

	SURFACE LIVE LOADING CONDITIONS	
PIPE DIA.	H-25	HEAVY CONSTRUCTION (75T AXLE LOAD)*
300mm-1200mm	305mm	305mm
1500mm	610mm	610mm

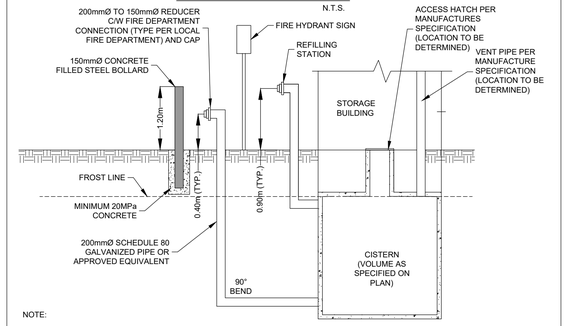
FOR VEHICLE LOADING APPLICATIONS LESS THAN 1.22m OF COVER, CLASS I OR CLASS II BACKFILL REQUIRED FOR PIPE EMBEDMENT

*VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER

**REFER TO ADS DRAWING NUMBER STD-101A FOR ADDITIONAL INFORMATION

DRY HYDRANT DETAIL

N.T.S.



NOTE:

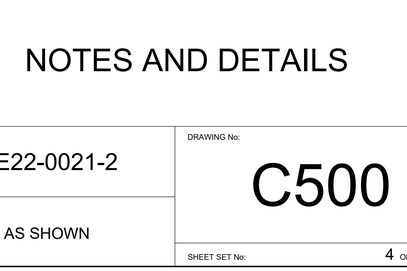
1. ONSITE VERIFICATION REQUIRED TO DETERMINE ADDITIONAL INSTALLATION MEASURES FOR TANK FLOATING

2. PROVIDE FROST PROTECTION TO DRY HYDRANT IF PERMANENT WATER LEVEL IS ABOVE FROST LINE

TYPICAL SWALE

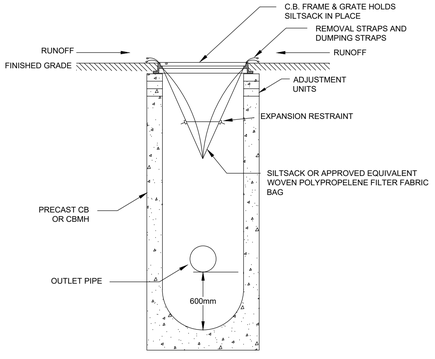
N.T.S.

NOTE: SWALE TO BE CONSTRUCTED TO ACHIEVE POSITIVE DRAINAGE



TEMPORARY SILTSACK SILTATION CONTROL IN CB

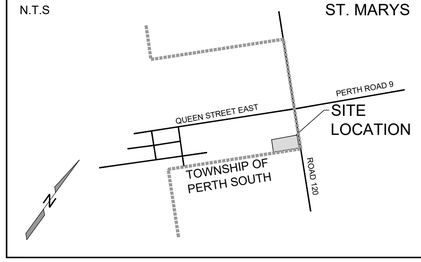
N.T.S.



MAINTENANCE SCHEDULE

-INSPECT AFTER EVERY MAJOR RAIN EVENT.
-INSPECT EVERY 3 WEEKS MINIMUM.
-SILTSACK SHOULD NEVER BE OVER HALF FULL.
-FULL BAG CAN BE REMOVED, DUMPED, CLEANED AND REUSED (TO REMOVE INSERT 25mm REBAR INTO REMOVAL FLAP POCKETS) (TO DUMP INSERT 25mm REBAR INTO BOTH DUMPING STRAPS)

KEY PLAN
N.T.S



CONTRACTOR NOTES:

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.

ALL DRAWINGS SHALL REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

DRAWING SHOULD NOT BE SCALED FOR DIMENSIONS PURPOSES. THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USE EXCEPT FOR THE PURPOSES INDICATED.

BENCHMARK

ELEVATIONS ARE RELATED TO TOP SPINDLE OF FIRE HYDRANT ON THE NORTH SIDE OF QUEEN STREET AT THE CORNER OF QUEEN AND 120 ROAD.

ELEVATION: 235.88m

No.	ISSUED DESCRIPTION	DATE
1	ISSUED FOR CLIENT REVIEW	2021-11-12
2	ISSUED FOR SITE PLAN APPROVAL	2021-11-16
3	REVISED PER MUNICIPAL COMMENTS	2021-12-20
4	ISSUED FOR SITE PLAN AMMENDMENT	2022-05-13
5		

GRIT ENGINEERING INC

LICENSED PROFESSIONAL ENGINEER
2022-05-13
M. E. WILSON
100136472
PROVINCE OF ONTARIO

ROAD 120
SELF STORAGE UNITS

PROJECT INFORMATION: 60 ROAD 120, ST, MARYS, ONTARIO

C & C MANAGEMENT

CLIENT INFORMATION:

DRAWING NAME:

NOTES AND DETAILS

PROJECT No: GE22-0021-2

SCALE: AS SHOWN

DRAWING No: C500

SHEET SET No: 4 OF 4