



REMOVAL NOTES:

1. VERIFY CONDITIONS ON SITE BEFORE PROCEEDING WITH THIS WORK.
2. CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL ASPECTS OF THE WORK.
3. LOCATE ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK.
4. TAKE CARE EXCAVATING AROUND EXISTING SITE FEATURES.
5. EXCAVATE TO PROVIDE SUITABLE SUBGRADE AND ACCOMMODATE THE WORK AT FINISHED GRADES WHICH CLOSELY FOLLOWS EXISTING SITE GRADING. NOTIFY OWNER'S REPRESENTATIVE IF UNSUITABLE MATERIAL IS ENCOUNTERED BELOW SUBGRADE LEVELS.
6. OBTAIN APPROVAL OF SUBGRADE FROM OWNER'S REPRESENTATIVE BEFORE COMMENCING WITH INSTALLATION OF LANDSCAPE WORK.
7. EXCAVATED MATERIAL SHALL BE REMOVED OFF SITE TO AN APPROVED DISPOSAL SITE.
8. CONTRACTOR SHALL MAKE GOOD ANY DAMAGE TO EXISTING FACILITIES CAUSED BY THE CONTRACTOR'S WORK.
9. CONTRACTOR SHALL TAKE MEASURES TO ELIMINATE THE SPREAD OF DUST AND OTHER MATERIALS BEYOND THE WORK SITE.
10. WHERE REMOVAL OPERATIONS INVOLVE EXCAVATIONS BELOW PROPOSED SUBGRADE, BACKFILL TO SUBGRADE WITH COMPACT GRANULAR 'B' OR APPROVED STRUCTURAL FILL.
11. TOPSOIL AND SEED ALL AREAS THAT ARE DISTURBED AS A RESULT OF CONSTRUCTION AND WHERE ALTERNATIVE MATERIALS ARE NOT PROPOSED.
12. CONTRACTOR TO STOP WORK IMMEDIATELY AND CONTACT OWNER AND PROVINCIAL ARCHEOLOGIST IF ANY HISTORIC REMAINS OF FORT FREDERICK ARE UNCOVERED. WORK SHALL NOT COMMENCE UNTIL APPROVAL TO PROCEED IS GRANTED BY THE PROVINCE.



2
L1
EXISTING SITE PHOTO
NTS

- EXISTING STEEL SEAWALL TO REMAIN UNDAUNAGED THROUGHOUT CONSTRUCTION
- EXISTING STONE WALL TO REMAIN UNDAUNAGED THROUGHOUT CONSTRUCTION
- EXISTING GARBAGE CAN TO BE RELOCATED SEE LANDSCAPE PLAN
- EXISTING BOULDERS TO BE RELOCATED SEE LANDSCAPE PLAN



3
L1
EXISTING SITE PHOTO
NTS

GENERAL LANDSCAPE NOTES

1. DO NOT RELY UPON INFORMATION SHOWN ON THIS DRAWING FOR CONSTRUCTION UNLESS IT STATES BELOW THE SHEET HAS BEEN SPECIFICALLY ISSUED FOR THAT PURPOSE AND THE SHEET HAS BEEN STAMPED AND SIGNED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
3. SURVEY INFORMATION NOT PROVIDED.
4. DO NOT SCALE FROM DRAWINGS.
5. VERIFY CONDITIONS ON SITE BEFORE PROCEEDING WITH THIS WORK.
6. CONTRACTOR SHALL ENSURE ALL PERMITS AND APPROVALS ARE IN PLACE PRIOR TO COMMENCING WORK.
7. CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES PRIOR TO COMMENCING EXCAVATION.
8. WHERE POSSIBLE, RETAIN EXISTING VEGETATION.
9. ALL WORK TO CONFORM TO THE NL MASTER SPECIFICATION GUIDE FOR PUBLIC FUNDED BUILDINGS, UNLESS OTHERWISE NOTED.

LEGEND:

- APPROX. LIMIT OF WORK- MAKE GOOD ALL DAMAGE CAUSED BY CONSTRUCTION WITHIN AND OUTSIDE THIS LIMIT
- EXISTING TREE TO REMAIN
- EXISTING POWER POLE
- EXISTING MAN HOLE
- EXISTING STONE WALL
- EXISTING STEEL SEA WALL

STAMP

MATTHEW MILLS

NORTH

1	MC	ISSUED FOR TENDER	05/17/2023
NO.	BY	REVISION	DATE

CONSULTANT

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OWNER

TOWN OF PLACENTIA

PROJECT

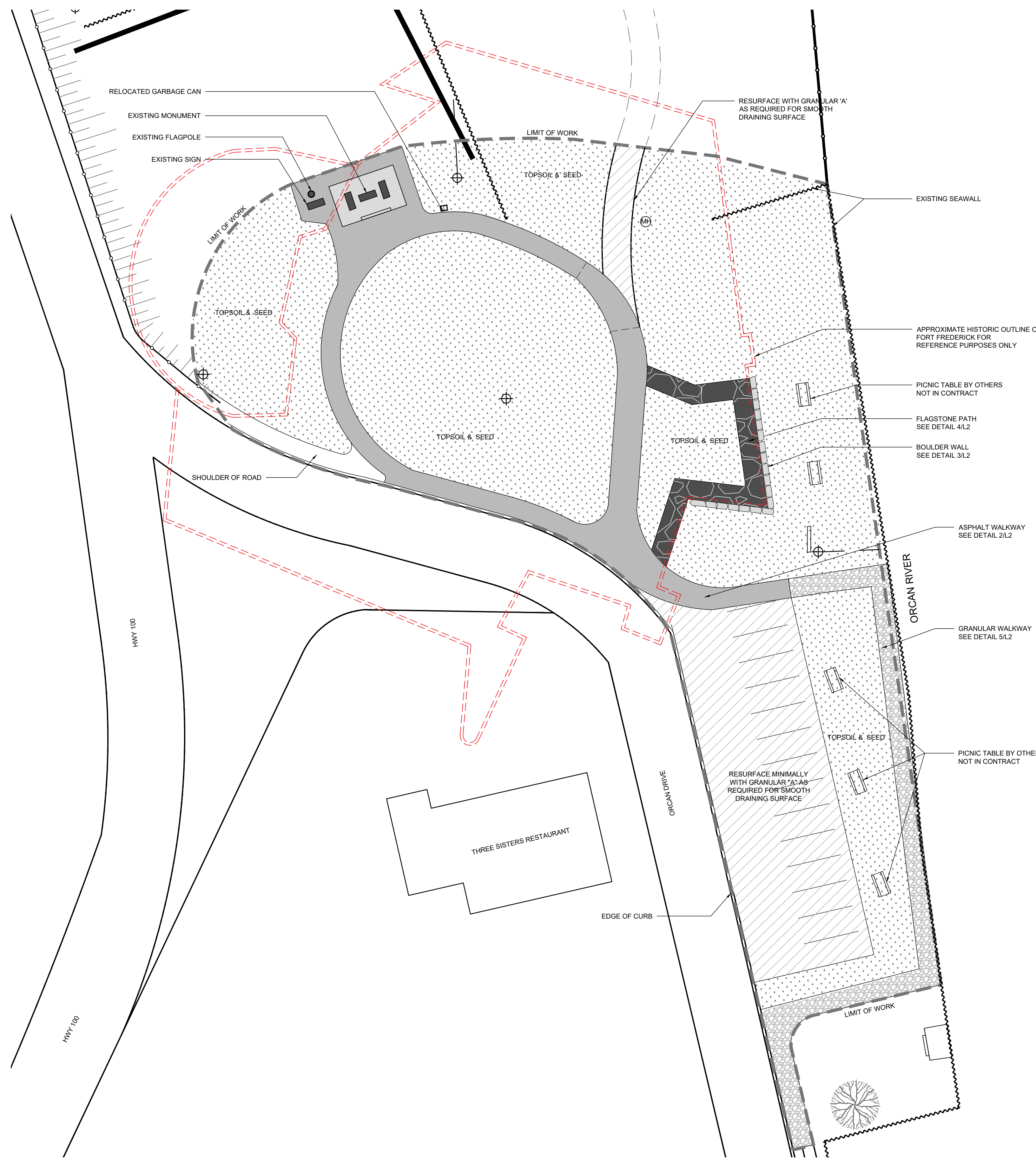
FORT FREDERICK LANDSCAPE

DRAWING TITLE

EXISTING CONDITIONS PLAN

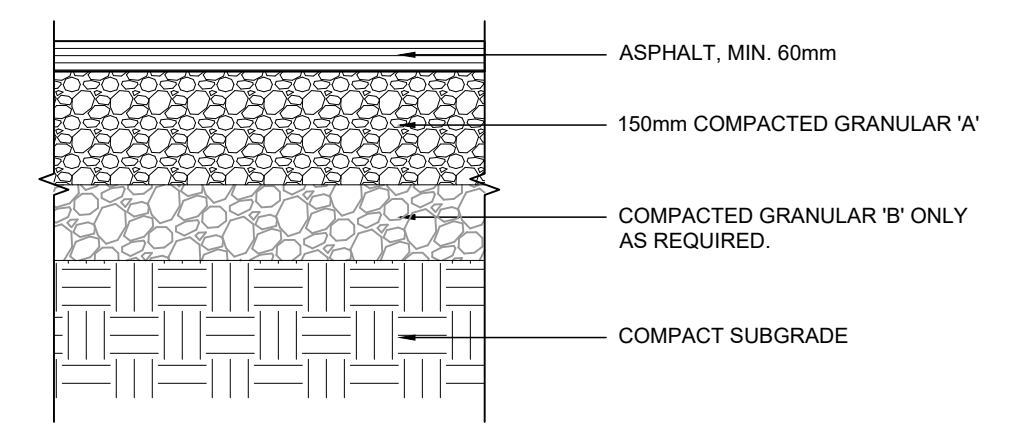
DESIGNED M. CLARKE	DRAWN M. CLARKE	APPROVED M. MILLS
DATE 05-02-2023	SCALE AS SHOWN	SHEET L1
PROJECT NO. 23-12-PLAC		

1
L1
EXISTING CONDITIONS PLAN
SCALE: 1 : 500

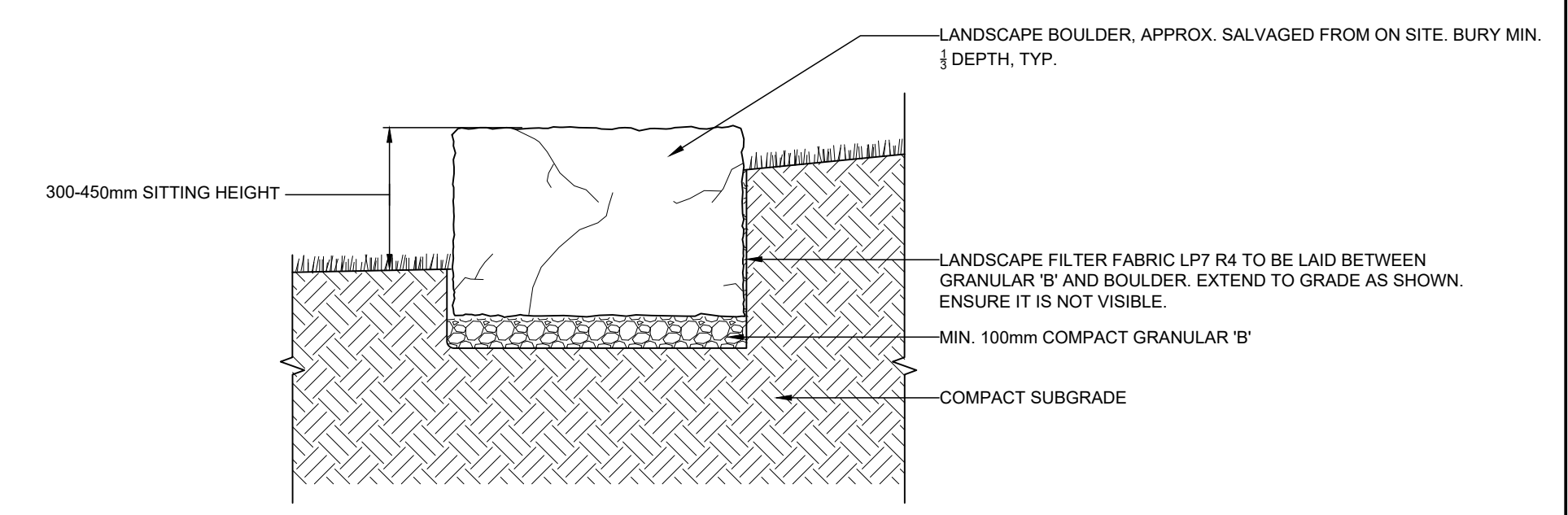


1 LANDSCAPE PLAN
SCALE: 1 : 250

2 ASPHALT DETAIL
SCALE: 1 : 10

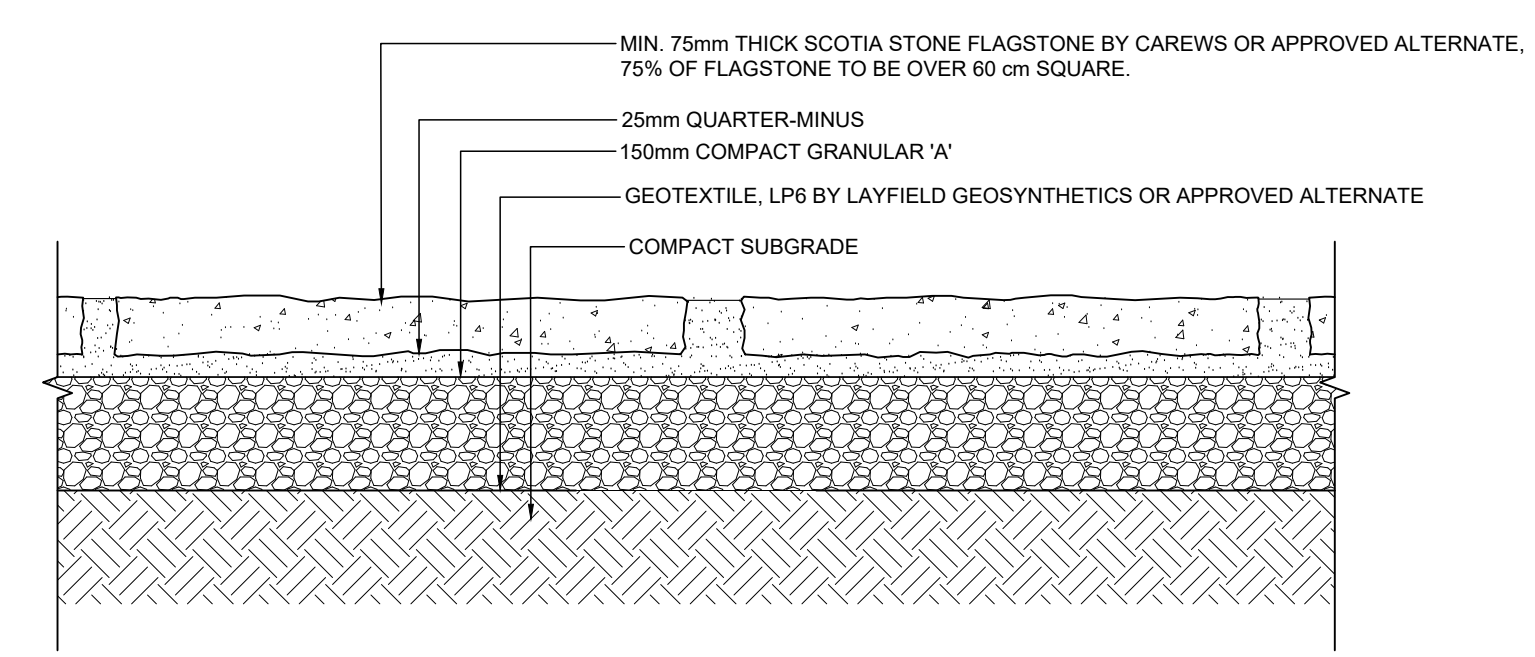


3 BOULDER DETAIL
SCALE: 1 : 20

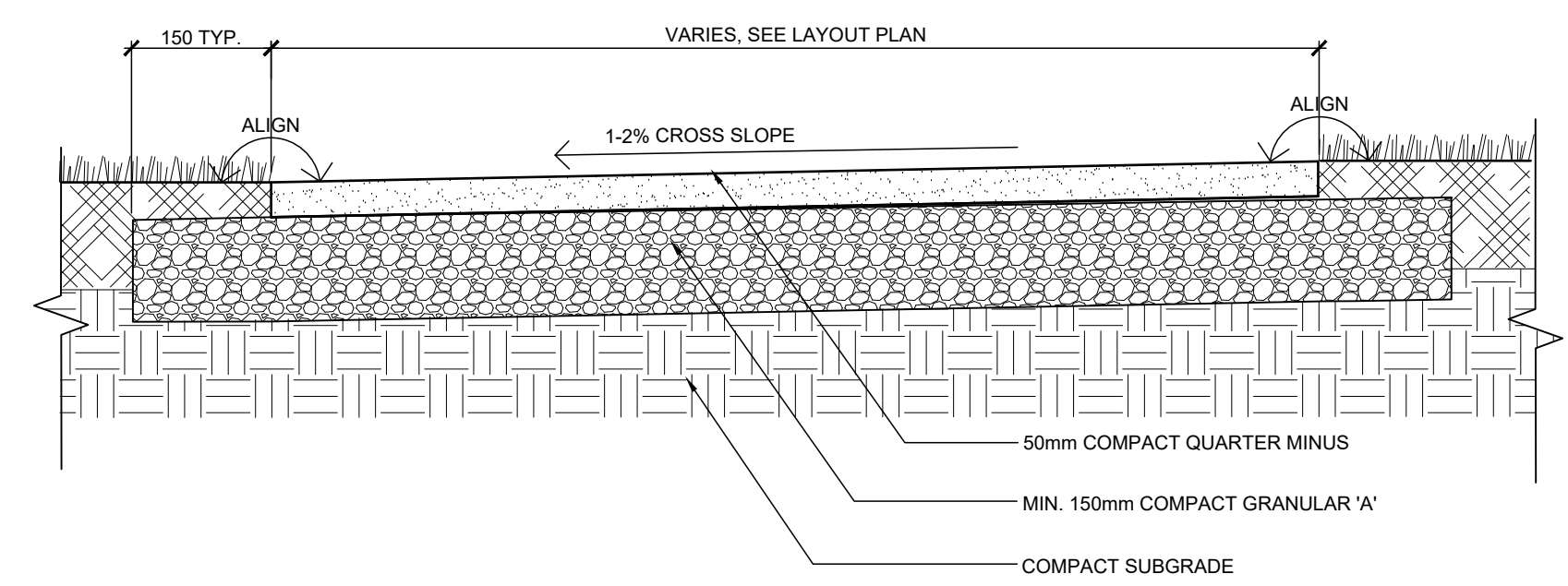


NOTES:
 1. RELOCATE EXISTING BOULDERS FROM SITE. CONTRACTOR TO CONFIRM LENGTH OF WALL TO BE CONSTRUCTED PRIOR TO FINAL PLACEMENT AND APPROVAL. WALL LENGTH MAY BE ADJUSTED TO SUIT BOULDERS ON SITE.
 2. BOULDERS TO BE ARRANGED AS SHOWN ON PLANS. USE BOULDERS RECTANGULAR IN SHAPE AND FREE FROM POINTS OR SHARP EDGES.
 3. CONTRACTOR SHALL CAREFULLY FIT TOGETHER BOULDERS AND SHALL ROTATE AND SHAPE AS REQUIRED TO ENSURE GAPS BETWEEN ADJACENT BOULDERS ARE KEPT TO A MINIMUM.

4 FLAGSTONE DETAIL
SCALE: 1 : 10



5 GRANULAR WALK DETAIL
SCALE: 1 : 10



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- SURVEY INFORMATION NOT PROVIDED.
- DO NOT SCALE FROM DRAWINGS.
- VERIFY CONDITIONS ON SITE BEFORE PROCEEDING WITH THIS WORK.
- CONTRACTOR SHALL ENSURE ALL PERMITS AND APPROVALS ARE IN PLACE PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES PRIOR TO COMMENCING EXCAVATION.
- WHERE POSSIBLE, RETAIN EXISTING VEGETATION.
- ALL WORK TO CONFORM TO THE N.L. MASTER SPECIFICATION GUIDE FOR PUBLIC FUNDED BUILDINGS, UNLESS OTHERWISE NOTED.

LEGEND:

- APPROX. LIMIT OF WORK- MAKE GOOD ALL DAMAGE CAUSED BY CONSTRUCTION WITHIN AND OUTSIDE THIS LIMIT
- FLAGSTONE
- RESURFACED GRANULAR 'A'
- GRANULAR WALK
- ASPHALT
- 150mm TOPSOIL AND SEED
- EXISTING POWER POLE
- EXISTING MAN HOLE
- EXISTING STONE WALL
- EXISTING STEEL SEA WALL

STAMP: [Signature] MATTHEW MILLS
 NORTH: [North Arrow]

1	MC	ISSUED FOR TENDER	05/17/2023
NO.	BY	REVISION	DATE

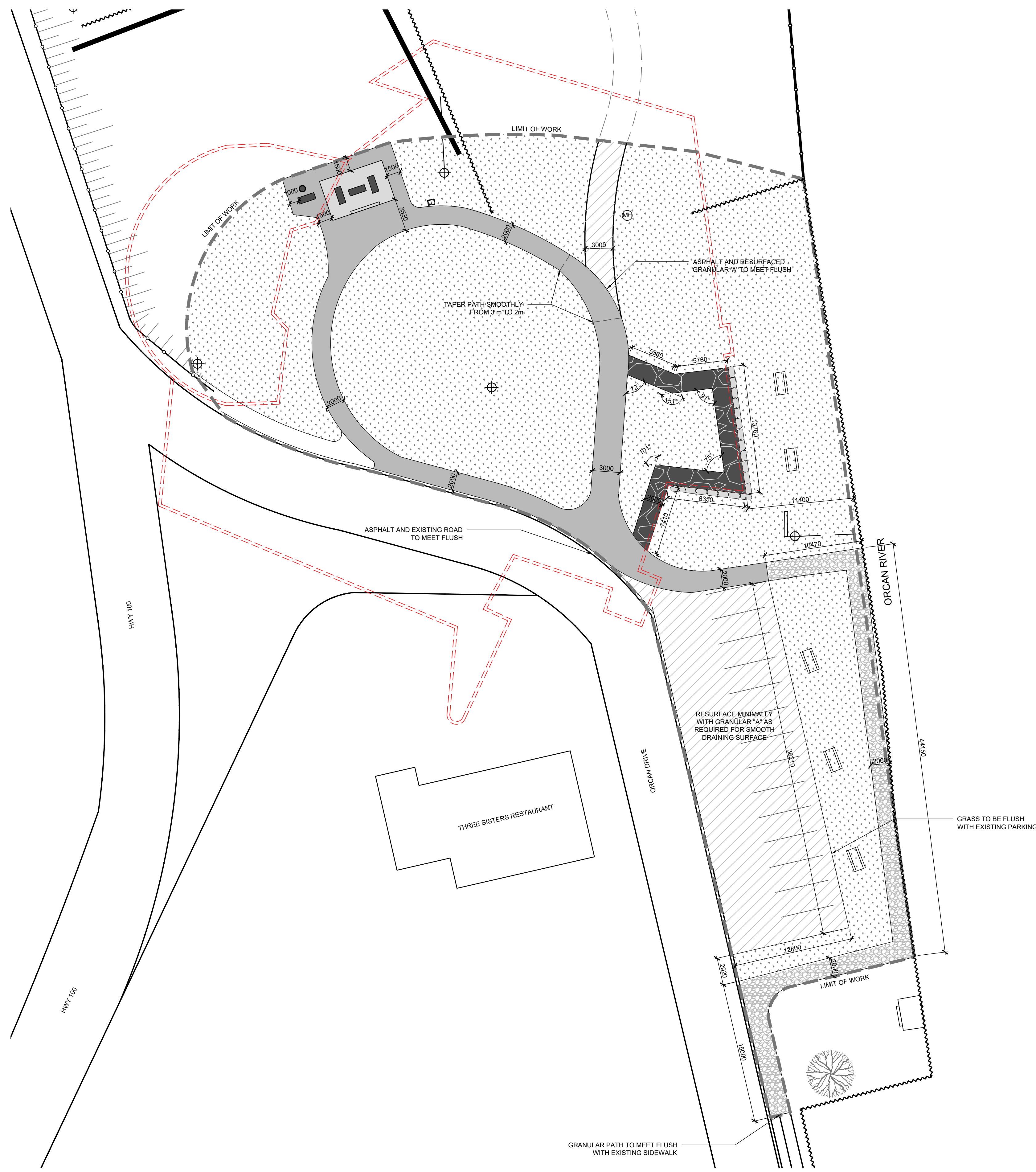
MILLS & WRIGHT
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 (709) 770-5035 (709) 770-8381
 millsandwright.ca

OWNER: **TOWN OF PLACENTIA**

PROJECT: **FORT FREDERICK LANDSCAPE**

DRAWING TITLE: **LANDSCAPE PLAN**

DESIGNED M. CLARKE	DRAWN M. CLARKE	APPROVED M. MILLS
DATE 05-02-2023	SCALE AS SHOWN	SHEET L2
PROJECT NO. 23-12-PLAC		



GRADING NOTES

- EXISTING GRADING TO BE CONFIRMED BY CONTRACTOR TO ENSURE LAYOUT WILL MEET CURRENT ACCESSIBILITY STANDARDS.
- ALL FINISHED GRADES TO GENERALLY FOLLOW EXISTING SITE CONDITIONS, AND DRAINAGE.
- ENSURE POSITIVE DRAINAGE TOWARDS EXISTING CATCH BASINS IN ROAD AND PARKING AREAS.
- ALL WALKS TO BE ACCESSIBLE AND MAINTAIN A LONGITUDINAL SLOPE OF 4.5% OR LESS.
- LAYOUT AND SEED AREAS SHALL BE STAKED/SPRAYED IN FIELD BY CONTRACTOR FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. SLIGHT ADJUSTMENTS MAY BE REQUIRED AND SHOULD BE ALLOWED FOR IN THE CONTRACTORS PRICE.
- ALL WORK TO CONFORM TO THE NL MASTER SPECIFICATION GUIDE FOR PUBLIC FUNDED BUILDINGS, UNLESS OTHERWISE NOTED.

SEEDING NOTES :

- CONTRACTOR TO PROVIDE TOPSOIL IN HYDROSEEDING AREAS AS FOLLOWS: TOPSOIL SHALL BE A 'LOAMY SAND' TO 'SANDY LOAM' AS CLASSIFIED BY THE CANADIAN SYSTEM OF SOIL CLASSIFICATION. TOPSOIL SHALL BE FRIABLE, FERTILE AND FREE OF SUBSOIL, ROOTS, VEGETATION, DEBRIS AND STONES GREATER THAN 40 MM IN DIAMETER. THE PH RANGE SHALL BE SUCH THAT NOT MORE THAN 0.5 KG/M² (110 LBS./1000 SQ. FT.) OF DOLOMITE LIME MUST BE ADDED TO REACH THE REQUIRED PH LEVEL OF 6.8. THE SOIL MUST HAVE A 3-7% RANGE IN ORGANIC MATTER BY DRY WEIGHT.
- THE TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED ON THE DESIGNATED AREAS AND EVENLY SPREAD TO AN AVERAGE THICKNESS OF 150mm. IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED SO AS TO PREVENT THE FORMATION OF DEPRESSIONS WHERE WATER WILL STAND. TOPSOIL SHALL NOT BE PLACED WHERE THE SUBGRADE IS FROZEN, EXCESSIVELY WET, EXTREMELY DRY, OR IN A CONDITION OTHERWISE DETRIMENTAL TO THE PROPOSED PLANTING OR TO PROPER GRADING. AFTER THE TOPSOIL HAS BEEN SPREAD AND GRADED AS REQUIRED, THEN THE SURFACE SHALL BE CLEARED OF STONE, STUMPS OR OTHER OBJECTS LARGER THAN 50mm IN THICKNESS OR DIAMETER, AND OF ROOTS, BRUSH, WIRE OR OTHER OBJECTS THAT MIGHT BE A HINDRANCE TO PLACING OR MAINTENANCE OPERATIONS.
- CONTRACTOR TO PROVIDE SOIL TEST ANALYSIS FOR APPROVAL.
- GRASS AREA SEED MIX** TO BE COMPOSED OF 'PERFECTION-LAWN MIXTURE' BY DFL PICKSEED OR APPROVED ALTERNATE, AS FOLLOWS:
 - 35% CERT. PERENNIAL RYEGRASS, 30% CERT. KENTUCKY BLUEGRASS #1, 25% CERT. CREEPING RED FESCUE, 10% CERT. KENTUCKY BLUEGRASS #2
- USE CERTIFIED CANADA NO. 1 SEED ONLY.
- THE RATE OF APPLICATION OF THE HYDROSEEDING SLURRY SHALL BE AS FOLLOWS:
 - SEED MIXTURE 225 kg/ha
 - FERTILIZER AS PER SOIL ANALYSIS
 - LIME AS PER SOIL ANALYSIS
 - BINDER 20 kg/ha
 - MULCH 1250 kg/ha
- ALL AREAS SEEDED UNDER THIS CONTRACT SHALL HAVE A WARRANTY PERIOD OF ONE (1) YEAR FROM THE DATE OF COMPLETION AND SHALL COVER ANY DEFECTS IN MATERIALS AND WORKMANSHIP OR DAMAGES CAUSED BY THE ELEMENTS OF WEATHER. ALL DEFECTS SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT NO COST TO THE OWNER.
- DO NOT SEED ONTO STRUCTURES, WALKWAYS, ROADS, PARKING AREAS OR INTO ADJACENT PLANTING BEDS.
- SCHEDULE SEEDING TO COINCIDE WITH PREPARATION OF SOIL SURFACE. DO NOT PERFORM WORK UNDER ADVERSE FIELD CONDITIONS SUCH AS FROZEN SOIL, EXCESSIVELY WET SOIL OR SOIL COVERED WITH SNOW, ICE OR STANDING WATER.
- SEEDING SHALL OCCUR AFTER MAY 1 OR BEFORE NOVEMBER 1 OF ANY YEAR.
- PROTECT SEEDED AREAS FROM TRESPASS UNTIL PLANTS ARE ESTABLISHED.
- FINE GRADE AREAS TO BE FREE OF HUMPS AND HOLLOW. ENSURE AREAS ARE FREE OF DELETERIOUS AND REFUSE MATERIALS.
- ENSURE AREAS TO BE SEEDED ARE MOIST TO DEPTH OF 150mm BEFORE SEEDING.
- OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL OF GRADE AND TOPSOIL DEPTH BEFORE STARTING TO SEED.
- FERTILIZE PRIOR TO FINE GRADING INCORPORATING FERTILIZER EQUALLY DISTRIBUTED IN ACCORDANCE WITH AN AGREED PROGRAM BETWEEN CONTRACTOR AND OWNER'S REPRESENTATIVE.
- PERFORM FOLLOWING OPERATIONS FROM TIME OF SEED APPLICATION UNTIL ACCEPTANCE BY OWNER'S REPRESENTATIVE.
 - REPAIR AND RESEED DEAD OR BARE SPOTS TO ALLOW ESTABLISHMENT OF SEED PRIOR TO ACCEPTANCE.
 - FERTILIZE SEEDED AREAS 10 WEEKS AFTER GERMINATION PROVIDED PLANTS HAVE MATURE TRUE LEAF IN ACCORDANCE WITH FERTILIZING PROGRAM. SPREAD HALF OF REQUIRED AMOUNT OF FERTILIZER IN ONE DIRECTION, AND REMAINDER AT RIGHT ANGLES; WATER IN WELL.
 - CONTROL WEEDS BY MANUAL, MECHANICAL OR CHEMICAL MEANS. UTILIZING ACCEPTABLE INTEGRATED PEST MANAGEMENT PRACTICES.
 - WATER SEEDED AREA TO MAINTAIN OPTIMUM SOIL MOISTURE LEVEL FOR GERMINATION AND CONTINUED GROWTH OF GRASS. CONTROL WATERING TO PREVENT WASHOUTS.
- SEEDED AREAS WILL BE ACCEPTED BY OWNER'S REPRESENTATIVE PROVIDED THAT:
 - PLANTS ARE UNIFORMLY ESTABLISHED. SEEDED AREAS ARE FREE OF RUTTED, ERODED, BARE OR DEAD SPOTS.
 - AREAS HAVE BEEN FERTILIZED.
 - AREAS SEEDED IN FALL WILL ACHIEVE FINAL ACCEPTANCE IN FOLLOWING SPRING, ONE MONTH AFTER START OF GROWING SEASON PROVIDED ACCEPTANCE CONDITIONS ARE FULFILLED.
- PERFORM FOLLOWING OPERATIONS UNTIL ACCEPTANCE OF CERTIFICATE OF TOTAL PERFORMANCE.
 - WATER SEEDED AREA TO MAINTAIN OPTIMUM SOIL MOISTURE LEVEL FOR CONTINUED GROWTH, CONTROL WATERING TO PREVENT WASHOUTS.
 - REPAIR AND RESEED DEAD OR BARE SPOTS TO SATISFACTION OF OWNER'S REPRESENTATIVE.

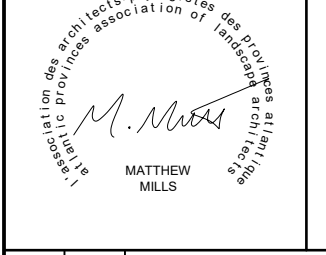
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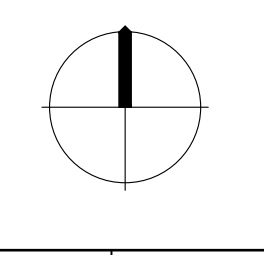
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STAMP



NORTH



1	MC	ISSUED FOR TENDER	05/17/2023
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CONSULTANT

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OWNER

TOWN OF PLACENTIA

PROJECT

FORT FREDERICK LANDSCAPE

DRAWING TITLE

LAYOUT PLAN

DESIGNED	DRAWN	APPROVED
M. CLARKE	M. CLARKE	M. MILLS

DATE	SCALE	SHEET
05-02-2023	AS SHOWN	L3

PROJECT NO. 23-12-PLAC