PORT MAITLAND ESPLANADE PARK

TENDER No. CMS-FP-XX-2013 HALDIMAND COUNTY

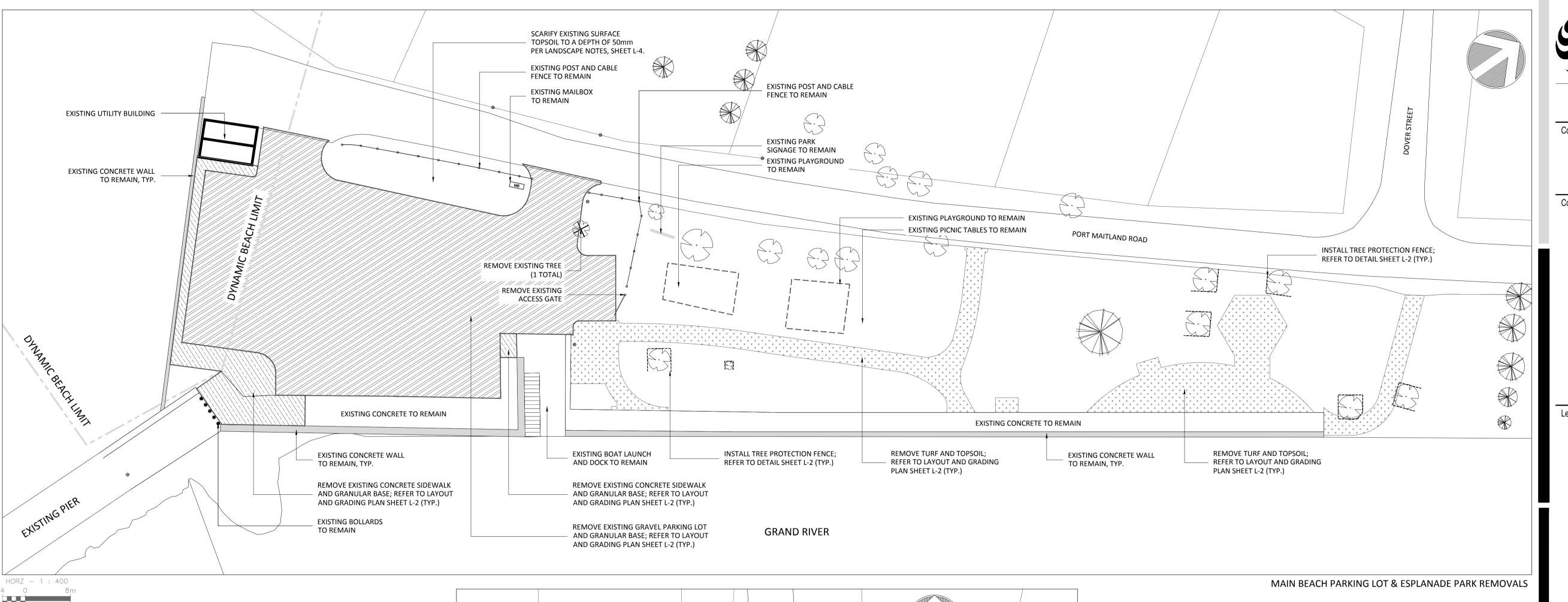


Drawing No.	Description	
L-1	Removals Plan	
L-2	Layout & Grading Plan	
L-3	Layout & Grading Plan	
L-4	Landscape Details	
L-5	Landscape Details	
L-6	Landscape Details	
L-7	Landscape Details	





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INSTALL THE PROTECTION FENCE,
BEFER TO DETAIL, SHEET L.2

CLEAR, GRUB, AND EXCAVATE TOPSOLE FOR NEW ASPHALI PARKING LOT AND CONCRETE PADD.
REFER TO LAYOUT AND GRADING PLAN, TYP.

SEMOVE EXSTING
TREES IS TOTAL!

DYNAMIC BEACH LIMIT

WEST BEACH PARKING LOT REMOVALS



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DYNAMIC BEACH LIMIT

PROPOSED TREE PROTECTION FENCE

EXISTING PLAYGROUND

EXISTING TREE TO BE REMOVED
EXISTING TREE TO REMAIN

EXISTING GRANULAR/UNDISTURBED SURFACE TO BE REMOVED FOR ASPHALT PARKING LOT CONSTRUCTION EXISTING TURF TO BE REMOVED FOR PARK

CONSTRUCTION
EXISTING CONCRETE TO BE REMOVED

EXISTING PICNIC TABLE

EXISTING LIGHT STANDARD

EXISTING BOLLARD

Notes

Revision		Ву	Appd.	YY.MM.DD
1. ISSUED FOR CLIENT REVIEW (80%)		AMH	RC	13.08.02
Issued		Ву	Appd.	YY.MM.DD
File Name: 161401283.11.130802.RemovalsPlan.dwg	АМН	RC	RC	13.07.13
<u> </u>	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

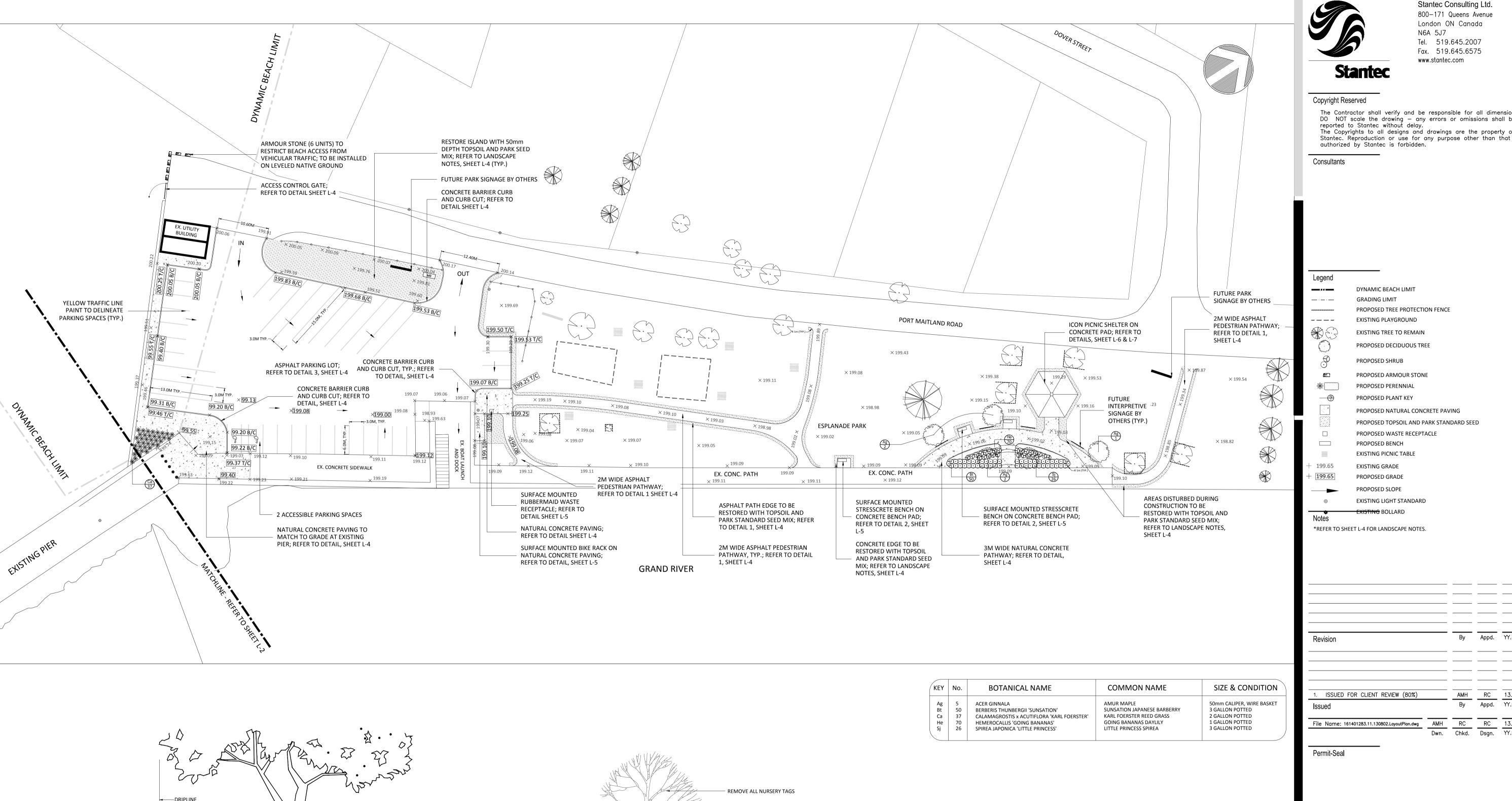
Port Maitland ON Canada

Title

REMOVALS PLAN

Project No. 1614-01283	Scale AS SHOV	VN
Drawing No.	Sheet	Revision
L-1	1 of 7	0

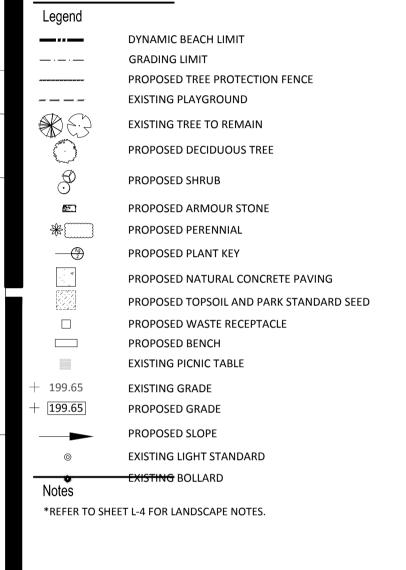
ORIGINAL SHEET - ISO A1





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	 	 	13.08.02
1. ISSUED FOR CLIENT REVIEW (80%)			10.00.02
1. ISSUED FOR CLIENT REVIEW (80%) Issued	By	Appd.	YY.MM.DI

Permit-Seal

Client/Project

- REMOVE ALL NURSERY TAGS

SHRUBS SHALL BEAR SAME RELATION TO

— FINISHED GRADE AS IT BORE TO PREVIOUS EXISTING GRADE

- 100mm HIGH SAUCER

- FINISHED GRADE

- UNDISTURBED SOIL

BACKFILL WITH 3-WAY TOPSOIL MIX

TOPSOIL TAMPED TO PREVENT SETTLEMENT

SUBSOIL SCARIFIED PRIOR TO PLANTING

100mm SHREDDED BARK MULCH TO APPROX.
 150mm OF STEMS

PLASTIC POT TO BE REMOVED. ORGANIC FIBRE POT TO BE SLIT ALONG SIDES AND BOTTOM REMOVED

SHRUB PLANTING DETAIL

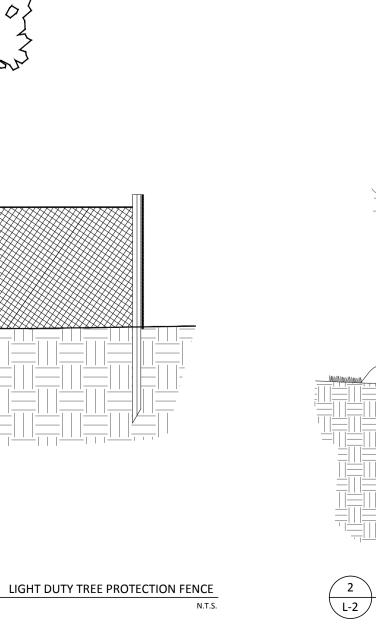
THE COUNTY OF HALDIMAND

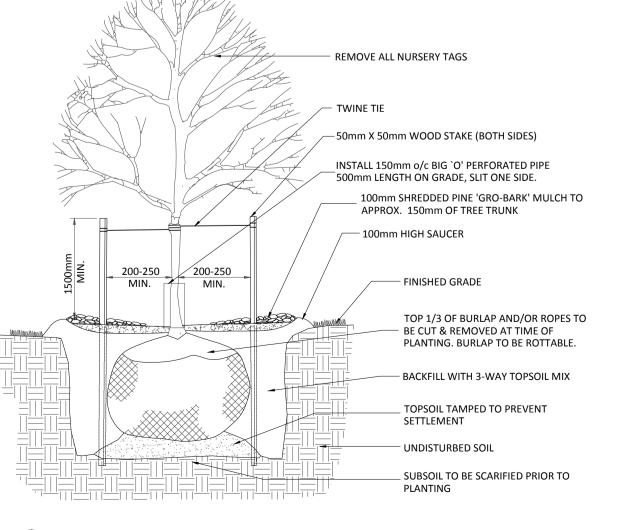
PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

LAYOUT & GRADING PLAN

Project No. 1614-01283	Scale 1 : 400	8m
Drawing No.	Sheet	Revision
L-2	2 of 7	0





DECIDUOUS TREE PLANTING DETAIL

ORIGINAL SHEET - ISO A1

L-2

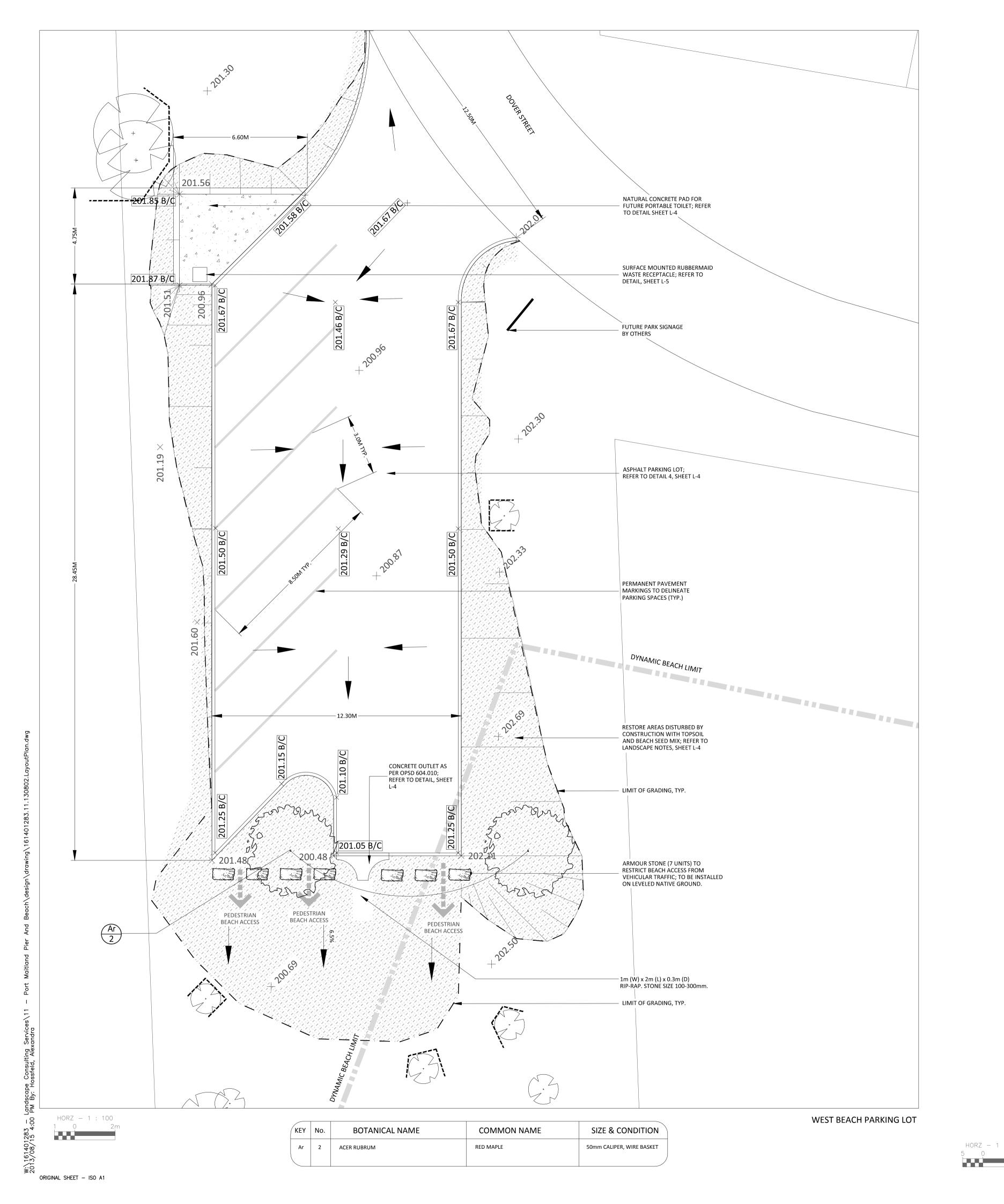
1. ANY EXPOSED ROOTS ARE TO BE HAND PRUNED USING PROPER ARBORCULTURE

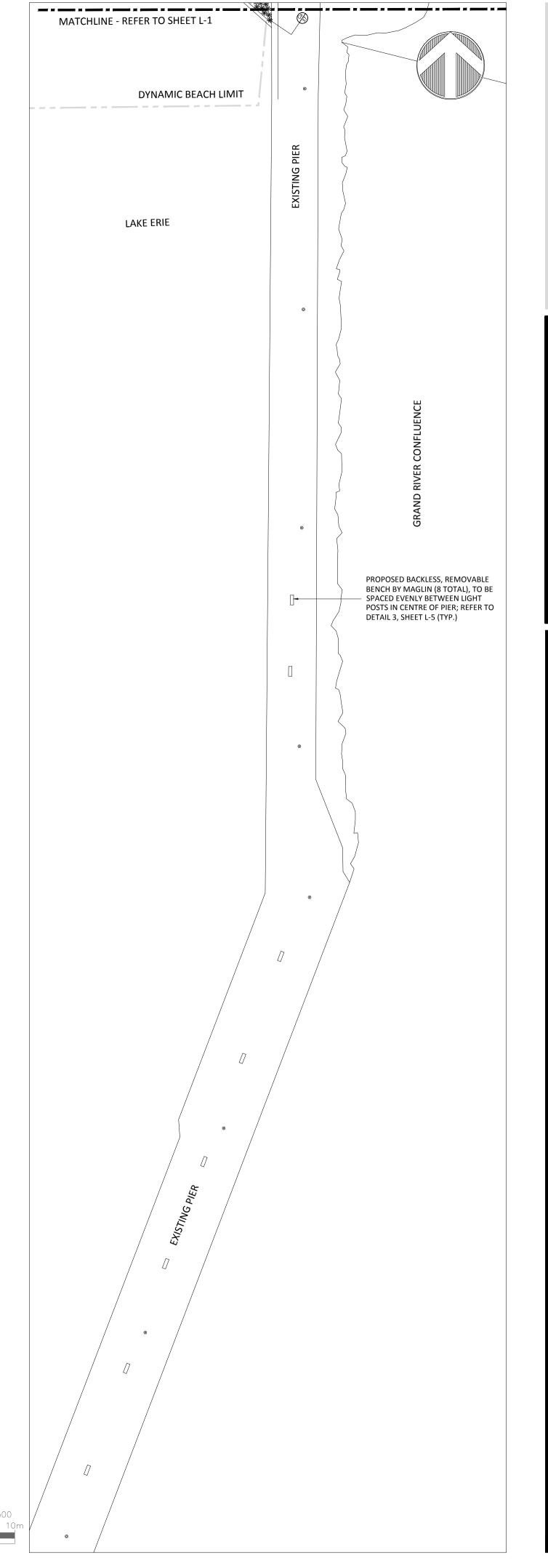
TO REMAIN IN PLACE UNTIL ALL CONSTRUCTION HAS BEEN COMPLETED.

PLACED WITHIN THE TREE PROTECTION HOARDING.

2. UNDER NO CIRCUMSTANCES SHALL ANY CONSTRUCTION MATERIALS OR EQUIPMENT BE

3. ALL TREE PROTECTION TO BE ERECTED PRIOR TO ANY CONSTRUCTION ACTIVITY AND IS







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Legend

	DYNAMIC BEACH LIMIT				
	GRADING LIMIT				
	PROPOSED TREE PROTECT	ION FENCE			
	EXISTING PLAYGROUND				
	EXISTING TREE TO REMAIN	N			
	PROPOSED DECIDUOUS T	REE			
80	PROPOSED SHRUB				
	PROPOSED ARMOUR STO	NE			
*	PROPOSED PERENNIAL				
—— (Ag)	PROPOSED PLANT KEY				
√ 4	PROPOSED NATURAL CON	ICRETE PAV	/ING		
	PROPOSED TOPSOIL AND	PARK STAN	IDARD SE	D	
	PROPOSED WASTE RECEP	TACLE			
	PROPOSED BENCH				
	EXISTING PICNIC TABLE				
+ 199.65	EXISTING GRADE				
+ [199.65]	PROPOSED GRADE				
	PROPOSED SLOPE				
0	EXISTING LIGHT STANDAR	D			
*	EXISTING BOLLARD				
Notes					
	HEET L-4 FOR LANDSCAPE NOTE	S			
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Revision			Ву	Appd.	YY.MM.DD
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Permit-Seal

lient/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

Title

LAYOUT & GRADING PLAN

Project No. 1614-01283	Scale 1:	400 8m
Drawing No.	Sheet	Revision
L-3	3 of 7	0

- CONDITIONS OF THE CONTRACT AS PREPARED BY THE PRIME CONSULTANT. 2. CONTRACTOR SHALL REPAIR ALL DAMAGE TO ALL EXISTING FACILITIES / UTILITIES /
- STRUCTURES CAUSED BY HIS WORK AT HIS EXPENSE. 3. THESE DRAWINGS ARE THE PROPERTY OF THE LANDSCAPE ARCHITECT AS AN INSTRUMENT OF SERVICE. THEY MAY NOT BE REPRODUCED WITHOUT PRIOR WRITTEN CONSENT AND MUST BE RETURNED UPON REQUEST.
- 4. THESE DRAWINGS FORM PART OF A SET AND MAY NOT BE SEPARATED. THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SET AND ALL WRITTEN SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- 5. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS STAMPED AND SIGNED BY THE LANDSCAPE ARCHITECT.
- 6. ANY AMBIGUITY IN THE DRAWINGS, SPECIFICATIONS OR DETAILS IS TO BE REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION. DO NOT TO PROCEED IN UNCERTAINTY. 7. DRAWINGS MAY BE SCALED FOR APPROXIMATE LAYOUT ONLY. ALL
- MEASUREMENTS IN METRIC. ALL LAYOUT, INCLUDING PLANTING, TO BE STAKED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO 8. THE CONTRACTOR IS TO VISIT THE SITE TO CONFIRM ALL SITE CONDITIONS PRIOR
- TO SUBMITTING BIDS. DISCREPANCIES TO BE REPORTED TO THE LANDSCAPE ARCHITECT FOR CLARIFICATION. 9. THE CONTRACTOR IS TO LOCATE AND STAKE ALL UTILITIES PRIOR TO ANY WORK ON
- THE SITE. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT FOR 10. THE CONTRACTOR IS TO TAKE NECESSARY PRECAUTION TO PROTECT ALL EXISTING
- SITE FEATURES UNLESS SPECIFIED FOR DEMOLITION. THIS INCLUDES ALL SURVEY BARS, STAKES AND MONUMENTS. MAKE GOOD ANY DAMAGE 11. THE CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE WORK SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES BETWEEN QUANTITIES SHOWN AND THE PLANT LIST SHALL BE REPORTED TO THE LANDSCAPE
- ARCHITECT FOR DIRECTION. 12. DO NOT MAKE SUBSTITUTIONS OF MATERIALS, PRODUCTS OR QUANTITIES
- WITHOUT PRIOR WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT. 13. UPON COMPLETION OF WORK EACH DAY, REMOVE ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS FROM THE SITE. KEEP THE SITE CLEAN AND USABLE AT ALL
- 14. ALL WORKMANSHIP AND MATERIALS, INCLUDING PLANTS, TO BE GUARANTEED FOR TWO FULL YEARS FOLLOWING FINAL ACCEPTANCE OF THE PROJECT. ALL
- WORKMANSHIP TO THE STANDARDS OF THE LANDSCAPE ONTARIO. 15. ANY CHANGES TO THIS ACCEPTED PLAN MUST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT, TO THE SATISFACTION OF THE COUNTY OF

LIMIT OF RESTORATION

600 TYPICAL EACH SIDE

- 1. TOPSOIL TO BE FRIABLE, NEITHER HEAVY CLAY OR OF VERY LIGHT SANDY NATURE, CONTAINING A MINIMUM OF 4% ORGANIC MATTER FOR CLAY LOAMS AND 2% FOR SANDY LOAMS TO A MAXIMUM OF 20% VOLUME. FREE FROM SUBSOIL, ROOTS, GRASS, WEEDS, TOXIC MATERIALS, STONES, FOREIGN OBJECTS AND WITH AN ACIDITY RANGE / PH OF 5.5 TO 7.5. TOPSOIL CONTAINING CRABGRASS, COUGHGRASS OR NOXIOUS WEEDS IS NOT ACCEPTABLE.
- 2. PROVIDE SOIL ANALYSIS FOR TOPSOIL AS DIRECTED BY THE LANDSCAPE ARCHITECT. ADJUST AND AMEND TOPSOIL AS RECOMMENDED BY SOIL ANALYSIS REPORT TO CONFORM TO ABOVE NOTED TOPSOIL SPECIFICATION. 3. FERTILIZERS SHALL BE COMPLETE, COMMERCIAL FERTILIZERS CONTAINING NOT LESS

THAN 60% UREA FORMALDEHYDE BY WEIGHT. FERTILIZER SHALL BE ADDED TO THE

- TOPSOIL MIXTURE BASED ON RESULTS OF SOIL ANALYSIS REPORT, BUT IN NO CASE LESS THAN THE FOREGOING STANDARD. 4. SOIL MIXTURE FOR PLANTING BEDS TO BE IMPORTED 3-WAY TOPSOIL MIXTURE. THE PLANTING BED SHALL HAVE A MINIMUM 450mm DEPTH OF 3-WAY MIX. ALL CONSTRUCTION DEBRIS AND NON-ORGANIC FILL IS TO BE REMOVED FROM THE
- TREE PITS ARE TO BE BACKFILLED WITH 3-WAY TOPSOIL MIXTURE. 6. NATIVE BACKFILL MATERIAL FOR TREE PITS IS TO BE USED ONLY IN SITUATIONS
- WHERE THE SPREADING OF IMPORTED TOPSOIL IS NOT A REQUIREMENT AND ONLY IF DIRECTED BY THE LANDSCAPE ARCHITECT.

PLANT MATERIAL

- 1. INSTALL PLANT MATERIALS TRUE TO NAME, SIZE AND GRADES AS SPECIFIED AND CONFORMING TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION.
- 2. ALL PLANT MATERIAL SHALL BE NURSERY GROWN.

50mm HL3 ASPHALT PAVING WITH

SCREENED TOPSOIL EDGE AS REQUIRED

150mm GRANULAR `A' COMPACTED

45° TAMPED EDGE (SEE NOTE 1)

PARK STANDARD SEED MIX

SUITABLE EXISTING SUBGRADE COMPACTED TO 95% S.P.D. OR IN ACCORDANCE WITH GEOTECHNICAL

TO 98% S.P.D.

RECOMMENDATIONS

- 3. MAKE PLANT MATERIALS AVAILABLE FOR INSPECTION PRIOR TO INSTALLATION BY THE LANDSCAPE ARCHITECT. MATERIAL NOT CONFORMING TO SPECIFICATIONS SHALL BE REJECTED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- 4. APPROVAL OF MATERIALS AT THE SOURCE DOES NOT PROHIBIT THE LANDSCAPE ARCHITECT FROM REJECTING PLANTS THAT DO NOT CONFORM TO THE SPECIFICATIONS UPON COMPLETION OF INSTALLATION. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE OWNER OR LANDSCAPE
- ARCHITECT PRIOR TO DELIVERY TO THE SITE. 6. ALL PLANTINGS ARE TO BE LAID OUT ON SITE BY THE CONTRACTOR AND APPROVED
- BY THE LANDSCAPE ARCHITECT. ANY DEVIATIONS FROM THE APPROVED LANDSCAPE PLANS REQUIRE PRIOR APPROVAL
- 7. TREES SHALL BE PLANTED BY APPROVED METHODS AND FACED TO GIVE BEST 8. INSTALL 150mmØ BIG 'O' PERFORATED PIPE TREE GUARDS, 500mm LENGTH ON
- GRADE AND SLIT ON ONE SIDE, ON ALL TREES. ENSURE THAT THE BOTTOM 50mm OF THE TREE GUARD EXTENDS BELOW THE SOIL LEVEL TO PREVENT ENTRY BY RODENTS. 9. MULCH SHALL BE SHREDDED PINE 'GRO-BARK' MULCH. SAMPLE TO BE PROVIDED TO
- THE LANDSCAPE ARCHITECT FOR INSPECTION PRIOR TO INSTALLATION. 10. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR TWO YEARS FROM DATE OF ACCEPTANCE. PLANTS WHICH DO NOT SURVIVE DURING THE GUARANTEE PERIOD
- SHALL BE REPLACED AT NO EXTRA COST TO THE OWNER. 11. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO APPLY AN ADDITIONAL ONE YEAR GUARANTEE ON ALL PLANT MATERIAL THAT IS REPLACED AT THE END OF THE GUARANTEE PERIOD.

0.25M DIA. [10"] TYP.

HOLDBACK

200MM DIA.

- 100mm 32MPa CONCRETE, CLASS C-2 _150mm COMPACTED 95% S.P.D. GRANULAR `A' BASE COURSE SUBGRADE COMPACTED TO 95% S.P.D.

SLOPE ON PAVEMENT 20mm PER
METRE UNLESS OTHERWISE STATED

CONTROL JOINT DETAIL SECTION

1. SEED AREAS AS SHOWN ON THE LANDSCAPE DRAWINGS.

THE LANDSCAPE ARCHITECT.

OPERATIONS

A) PARK SEED MIX:

20% HARD FESCUE

B) BEACH SEED MIX:

50% SWITCHGRASS

APPLY AT A RATE OF 1kg/100 SQ.M.

APPLY AT A RATE OF 1kg/100 SQ.M.

35% TURF TYPE TALL FESCUE

15% CREEPING RED FESCUE

50% PRAIRIE CORDGRASS

2. THE CONTRACTOR IS RESPONSIBLE TO ENSURE COVERAGE AND SEED MIX CATCH.

4. SEED APPLICATION IS TO BE UNDERTAKEN IN A CONSISTENT AND THOROUGH

FASHION COVERING THE ENTIRE SITE INCLUDING SHRUB AND TREE AREAS,

7. ALL SEEDING AND PLANTING OF DISTURBED AREAS MUST OCCUR IMMEDIATELY

UPON COMPLETION OF THE GRADING WORK, WEATHER PERMITTING. SEEDING

OPERATIONS WITH THE SPECIFIED SEED MIXTURE MUST BE COMPLETED BETWEEN

SPRING THAW AND JUNE 15TH OR BETWEEN AUGUST 15TH AND OCTOBER 15TH.

9. ALL TOPSOIL COMPACTED DURING CONSTRUCTION ACTIVITIES IS TO BE SCARIFIED TO

THE SATISFACTION OF THE LANDSCAPE ARCHITECT PRIOR TO SEED APPLICATION.

8. SURFACE TO BE UNIFORMLY CULTIVATED TO A MINIMUM DEPTH OF 100mm AND

10. SEED MIXES TO BE PARK SEED MIXTURE OR BEACH SEED MIXTURE, OR APPROVED

THROUGH, UNDER AND AROUND THE ENTIRE PERIMETER OF PLANTS.

6. CONTACT THE LANDSCAPE ARCHITECT PRIOR TO SEEDING TO COORDINATE

SHALL NOT HAVE SURFACE STONES GREATER THAN 25mm DIAMETER.

30% TURF TYPE PERENNIAL RYE GRASS (ENTOPHYTE ENHANCED)

5. SINGLE DIRECTIONAL SPREADING OF SEED MIX IS NOT ACCEPTABLE.

3. THE CONTRACTOR IS TO PROVIDE A WRITTEN GUARANTEE STIPULATING A MINIMUM

80% SEED CATCH. AREAS OF PROPERLY ESTABLISHED SEED WILL BE ACCEPTED BY

DESIGNATED FOR PRESERVATION.

APPROVED TREE PROTECTION FENCE DETAIL.

WITH ARBORICULTURAL TECHNIQUES.

ROOTS OF THE TREES.

1. ALL TREES LOCATED WITHIN THE PROJECT AREA DESIGNATED FOR PRESERVATION,

OR DENOTED AS EXISTING, AND ALL TREES LOCATED ON ADJACENT PROPERTIES

2. IN THE EVENT THAT ANY TREES DESIGNATED FOR PRESERVATION LOCATED WITHIN

ACTIONS OF THE CONTRACTOR, OR THEIR AGENTS/SUB-CONTRACTORS, THE

THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND THE OWNER.

AND CONSTRUCTION EQUIPMENT. NO TRENCHING OR TUNNELING FOR

4. TREES SHALL NOT HAVE ANY RIGGING CABLES OR HARDWARE OF ANY SORT

UNDERGROUND SERVICES SHALL BE LOCATED WITHIN THE DRIPLINE OF TREE

ATTACHED OR WRAPPED AROUND THEM, NOR SHALL ANY CONTAMINANTS BE

5. THE CONTRACTOR WILL TAKE EVERY PRECAUTION TO PREVENT DAMAGE TO TREES

AND ROOT SYSTEMS FROM DAMAGE, COMPACTION AND CONTAMINATION

DUMPED WITHIN THE PROTECTIVE AREAS. FURTHER NO CONTAMINANTS SHALL BE

DUMPED OR FLUSHED WHERE THEY MAY COME INTO CONTACT WITH THE FEEDER

OR SHRUBS. THE CONTRACTOR WILL TAKE EVERY PRECAUTION TO PROTECT PLANT

RESULTING FROM THE CONSTRUCTION TO THE SATISFACTION OF THE LANDSCAPE

ARCHITECT. WHERE CONSTRUCTION ACTIVITIES ARE REQUIRED ADJACENT TO TREES

AND THEIR DRIP LINE, TREE PROTECTION FENCING MUST BE INSTALLED AS PER THE

ACCOMMODATE CONSTRUCTION, THE LANDSCAPE ARCHITECT IS TO BE INFORMED

CONTRACTOR IS TO PRUNE ALL EXPOSED ROOTS CLEANLY. PRUNED ENDS TO POINT

6. IN THE EVENT THAT IT IS NECESSARY TO REMOVE LIMBS OR PORTIONS OF TREES TO

AND THE REMOVAL IS TO BE EXECUTED CAREFULLY AND IN FULL ACCORDANCE

OBLIQUELY DOWNWARDS. THE EXPOSED ROOTS SHOULD NOT BE ALLOWED TO

THE OWNER AND LANDSCAPE ARCHITECT SO THAT THE ROOT MAT SHALL

DRY OUT, AND THE CONTRACTOR SHALL DISCUSS WATERING OF THE ROOTS WITH

MAINTAIN OPTIMUM SOIL MOISTURE DURING CONSTRUCTION AND BACKFILLING

L-4 /

NOTE: MATERIALS AND QUANTITIES RELATING TO ASPHALT PARKING LOT CONSTRUCTION PENDING GEOTECHNICAL INVESTIGATION AND RECOMMENDATIONS OF A

PENDING GEOTECHNICAL INVESTIGATION AND RECOMMENDATIONS OF A

Edge of pavement

TYPICAL PLAN VIEW

SECTION Y-Y

SECTION Y-Y

SECTION Y-Y

MOUNTABLE CURB with GUTTER

SEMI-MOUNTABLE CURB with GUTTER

BARRIER CURB with GUTTER

GEOTECHNICAL ENGINEER.

GEOTECHNICAL ENGINEER.

Elevation of top of curb to

OPSD 600.010 -

SECTION X-X

SECTION X-X

OPSD 600.030

SECTION X-X

OPSD 600.020 -

OPERATIONS, YET SO AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS.

7. DURING EXCAVATION OPERATIONS IN WHICH ROOTS ARE AFFECTED, THE

CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF THE DESTROYED

3. AREAS WITHIN THE DRIPLINE OF THE TREES ARE NOT TO BE USED FOR ANY TYPE OF

STORAGE, E.G. STORAGE OF DEBRIS, CONSTRUCTION MATERIAL, SURPLUS SOILS,

THE PROJECT AREA OR ON ADJACENT PROPERTIES ARE DAMAGED OR KILLED BY THE

PLANT MATERIAL WITH MATERIAL OF EQUAL VALUE AND COMPARABLE SPECIES TO

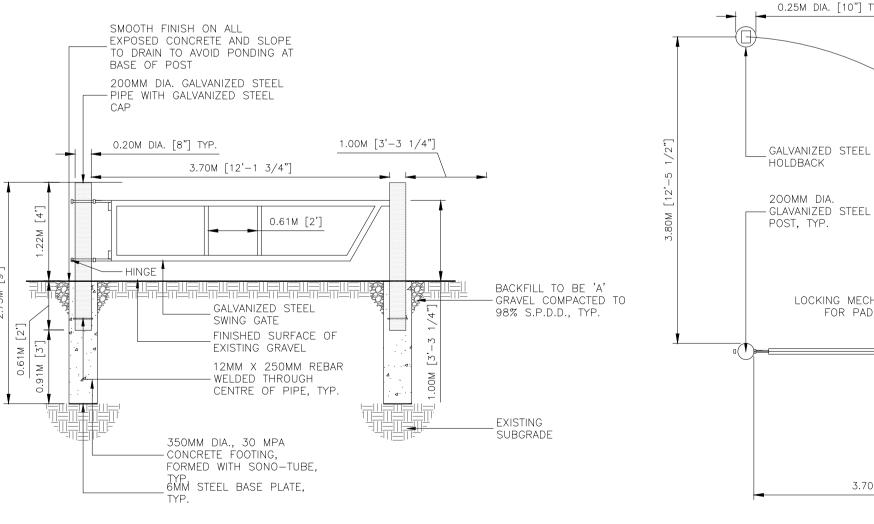
- 1. ASPHALT SURFACE TO BE ONE (1) 50mm LAYER (AFTER COMPACTION) OF HOT MIX HL3 IN ACCORDANCE WITH OPSS 310. ASPHALT EDGE TO BE 45° HAND TAMPED
- SMOOTH EDGE WITHOUT LATERAL DEVIATIONS. 2. GRANULAR BASE MATERIAL SHALL BE IN ACCORDANCE WITH OPSS 1010
- 3. FINISHED SLOPE ON PATHWAY SURFACE TO BE 1% MINIMUM CROWNED OR CROSS-SLOPED TO SUIT
- 4. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED 5. MAXIMUM LONGITUDINAL GRADE ON PATH NOT TO EXCEED 1:20.
 - 2M WIDE ASPHALT PEDESTRIAN PATH DETAIL

2. CONCRETE TO HAVE BROOM FINISH 3. EXPANSION JOINTS TO BE LOCATED AT EVERY 6.0m AND WHERE CONCRETE PAVING ABUTS OTHER STRUCTURES OR BUILDINGS. CONTOL JOINTS TO BE LOCATED AT MINIMUM INTERVALS OF 3.0m 5. CONCRETE TO BE SPRAYED WITH WHITE PIGMENT CURING COMPOUND 6. ALL DIMENSIONS ARE IN MILLIMETRES.

1. CONCRETE TO BE 32MPa, CLASS C-2 AT 28 DAYS WITH 5-8% AIR ENTRAINED.

12mm x 175mm ASPHALT FELT BOARD EVERY 6.0m———

EXPANSION JOINT DETAIL SECTION



— GLAVANIZED STEEL POST, TYP. LOCKING MECHANISM FOR PAD LOCK 3.70M [12'-1 3/4"] ELEVATION <u>PLAN</u>

- ALL PIPE SHALL BE SCHEDULE 40 OR BETTER. ALL EXPOSED WELDS SHALL BE SPATTER-FREE AND FINISHED SMOOTH TO THE TOUCH.
- ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE. . ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED. ALL METAL SHALL BE HOT DIP GALVANIZED ACCORDING TO CSA G164 AFTER FABRICATION.
- WELDING SHALL BE ACCORDING TO CSA W59.

L-4 /

- PIPE SHALL BE ACCORDING TO ASTM A53. TOP OF FOOTING SHALL BE LEVEL WITH ADJACENT GROUND.
- CONTRACTOR TO PROVIDE SHOP DRAWING TO THE SATISFACTION OF THE CLIENT AND CONTRACT ADMINISTRATOR. 10. PROVIDE 6MM DIAMETER VENT HOLES AT APPROPRIATE LOCATIONS.
 - **ACCESS CONTROL GATE**

- Thickness of sidewalk Finished road surface Note 2 -— 250 — Additional width when sidewalk is adjacent to curb

CONCRETE PAVING DETAIL

Dropped curb

at entrances

Nov 2012 | Rev | 2 | 65TA

\L-4 /

- 1 When sidewalk is continuously adjacent, the dropped curb
- at entrances shall be reduced to 75mm. 2 For slipforming procedure a 5% batter is acceptable.
- A Treatment at entrances shall be according to OPSD 351.010.
- B Outlet treatment shall be according to the OPSD 610 Series. C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail
- where it shall be according to the OPSD 900 Series. D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING

CONCRETE BARRIER CURB OPSD 600.110

CONCRETE CURB DETAIL

\ L-4 /

A For asphalt spillway details refer to OPSD 605.040.

B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING

90° CONCRETE OUTLET

FOR CONCRETE CURB WITH GUTTER



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Legend

5mm HL3 ASPHALT PAVING

_65mm HL8 ASPHALT PAVING TO 98% S.P.D.

_150mm GRANULAR 'A' COMPACTED TO 98% S.P.D.

50mm GRANULAR 'B' COMPACTED

- SUBGRADE COMPACTED TO 95% S.P.D.

TO 98% S.P.D.

MAIN BEACH ASPHALT PARKING SURFACE DETAIL

TO 98% S.P.D.

WEST BEACH ASPHALT PARKING SURFACE DETAIL

as specified

SECTION Z-Z

SECTION Z-Z

SECTION Z-Z

OPSD 604.010

CONCRETE OUTLET DETAIL

Nov 2012 Rev 2

SUBGRADE COMPACTED TO 95% S.P.D.

50mm HL8 ASPHALT PAVING

n GRANULAR 'A' COMPACTED

mm GRANULAR 'B' COMPACTED

Notes

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Permit-Seal

Client/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

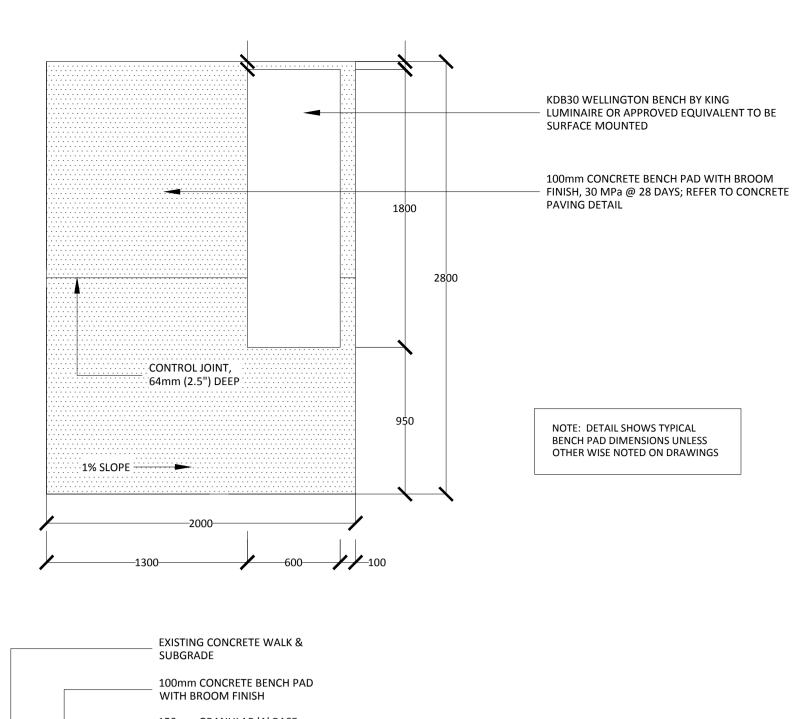
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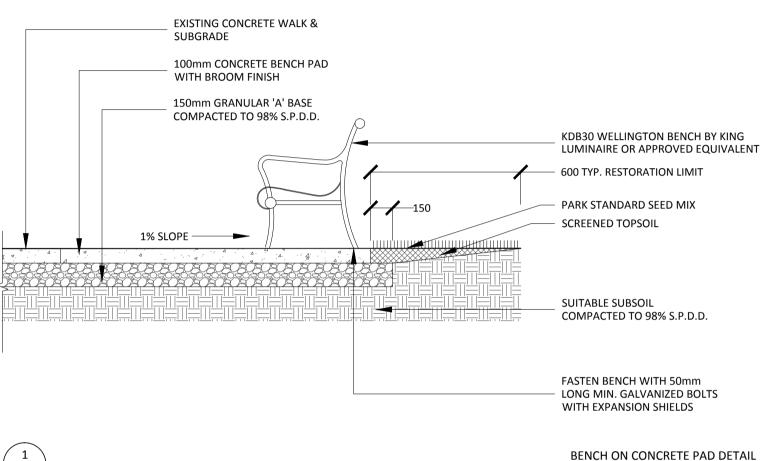
LANDSCAPE DETAILS

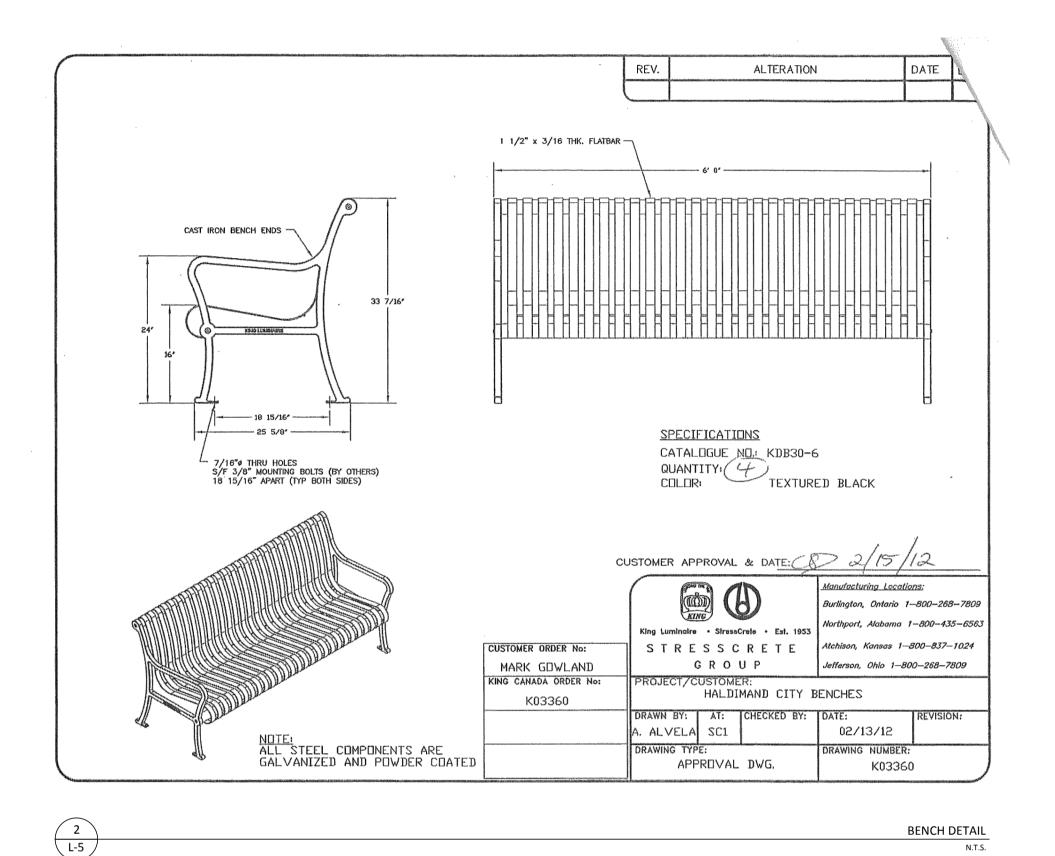
Scale Project No. 1614-01283 Drawing No. Sheet Revision

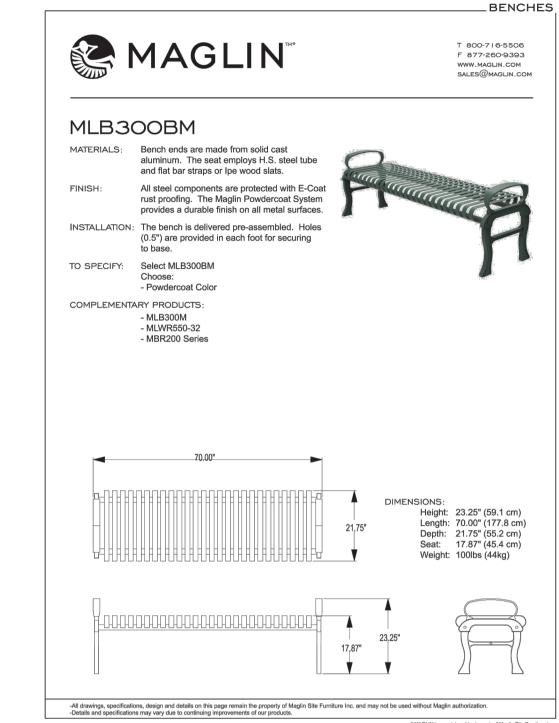
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ORIGINAL SHEET - ISO A1









BACKLESS REMOVABLE BENCH DETAIL L-5



Waste > Outdoor Decorative

Rigid Liner

4021 WeatherGard® Series Container with Architectural heavy-duty steel construction.

32 U.S. gal (121.1 L) BRUTE® Container

Steel cable mechanism secures lid to container to help prevent

- Molded-in handles enable easy removal of Brute® Liner, included. Adjustable feet help stabilize container on uneven surfaces.
- 3/16" (.5 cm) steel construction. UV-stabilized powder coat finish.
- No assembly required.

AVAILABLE COLORS Product UPC/ Order# UCC Code 086876162530 FG402100 BLA 00086876162530

SPECIFICATIONS U.S. 30 1/8 in Volume Capacity [Nom]: Volume Capacity [Max]: Volume Capacity [Min]: 32 gal Height: 81.3 cm UV, Hands-free, Americans with Certification [WeatherGard® Series Containers]
Carton Cube: Disabilities Act 19.03 ft3 0.54 m3 Ship Weight/Carton: 98.90 lb 44.86 kg Pack Quantity: Cartons Per Pallet:

> ADDITIONAL INFORMATION: Instructions: RCP_RM Weatherguard Lid.pdf

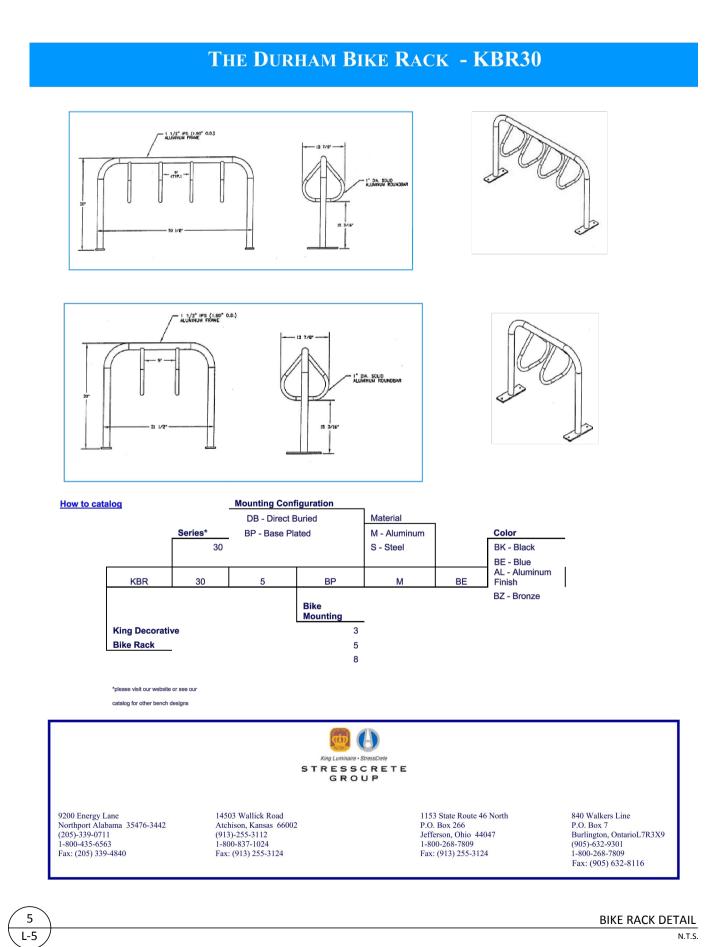
www.rcpworksmarter.com

Chemical Resistance Guide: chem.pdf

Products in WeatherGard® Series Containers | Item # Description | 4020 | WeatherGard® Series Container with 20 U.S. gal (75.7 L) BRUTE® Container Rigid Liner | 4021 | WeatherGard® Series Container with 32 U.S. gal (121.1 L) BRUTE® Container Rigid Liner | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 | 4021 |
 Diameter
 Volume Capacity

 27 1/4 in 30 1/8 in
 20 gal 32 gal
 Consumables/Replacement Parts for 4021 4021-L1 4021-L2 32 gal. Replacement Liner Funnel Top Kit Rubbermaid Commercial Products, LLC **Work Smarter.** 3124 Valley Avenue, Winchester, VA 22601

RUBBERMAID WASTE RECEPTACLE DETAIL L-5



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Permit-Seal

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

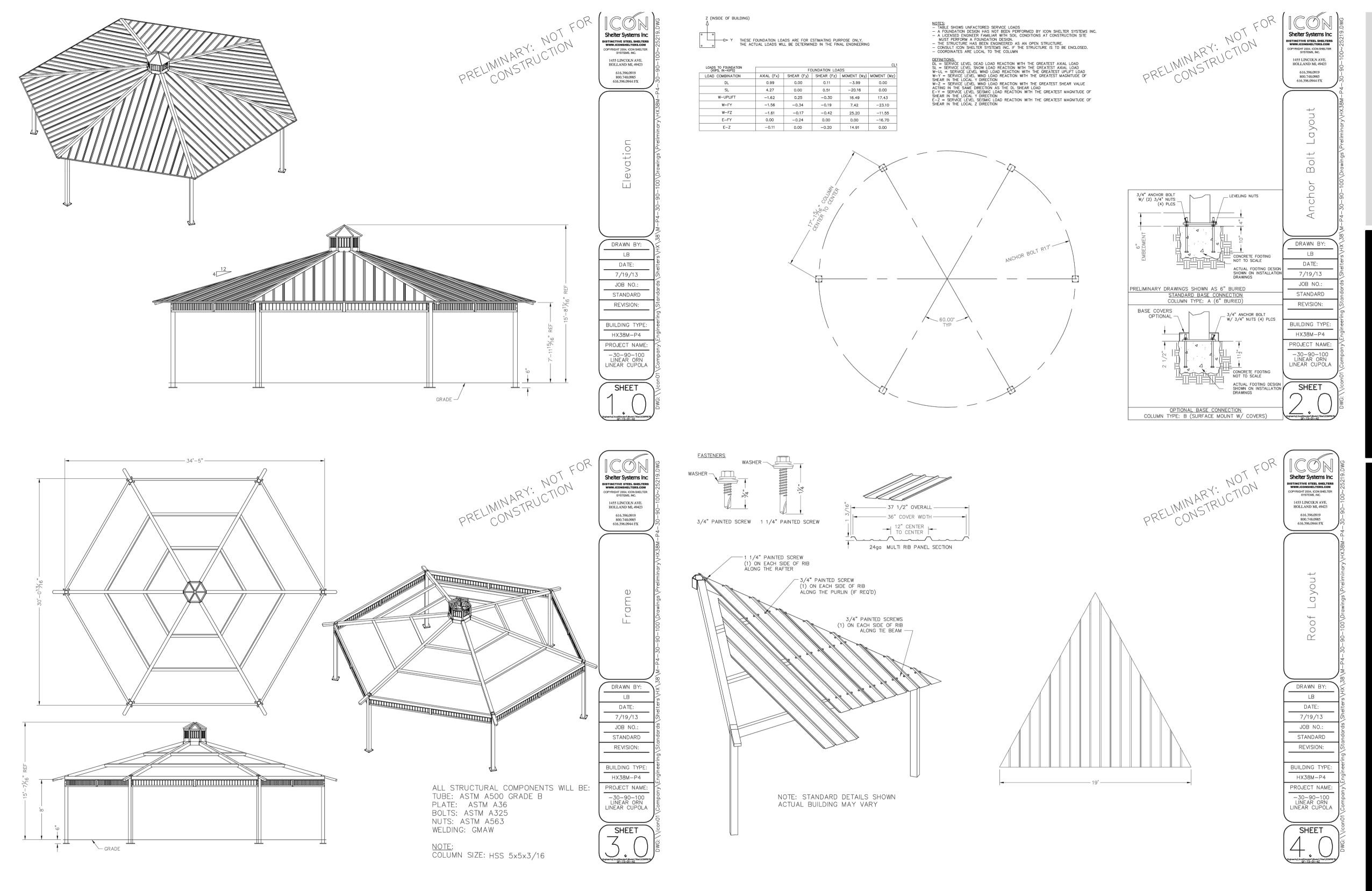
Port Maitland ON Canada

LANDSCAPE DETAILS

Project No. 1614-01283	Scale	
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ORIGINAL SHEET - ISO A1

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 AMH
 RC
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 Dsgn.
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Permit-Seal

ICON PICNIC SHELTER DETAILS

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

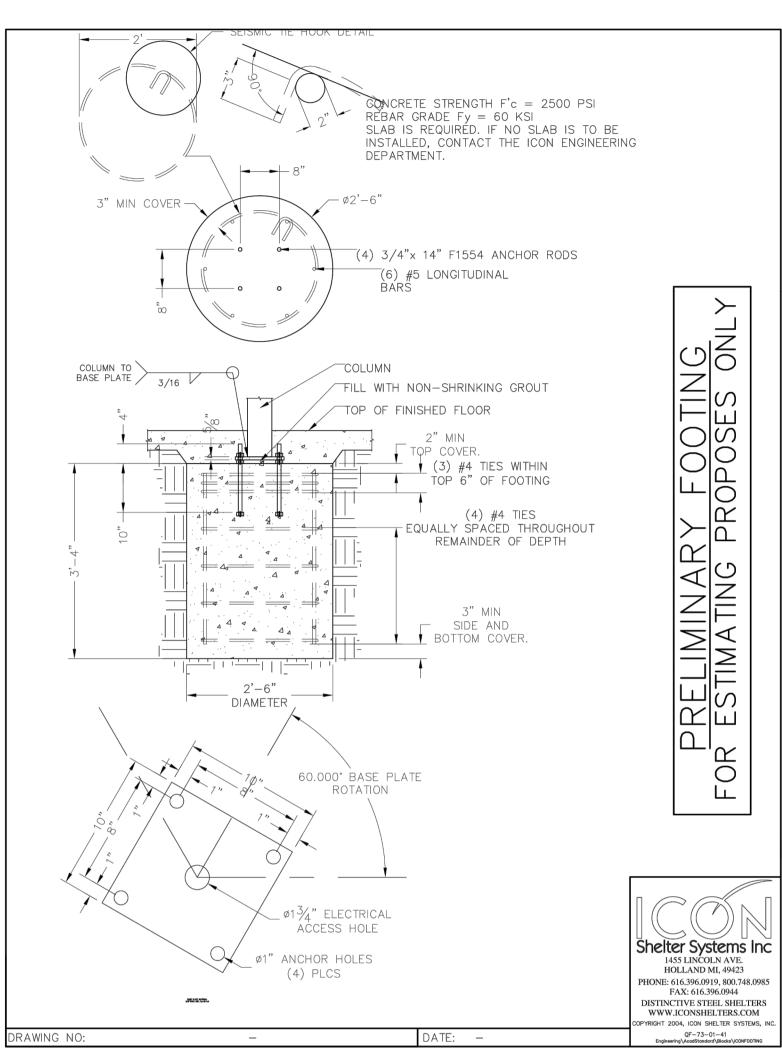
LANDSCAPE DETAILS

Project No. 1614-01283	Scale	
Drawing No.	Sheet	Revision
L-6	6 of 7	0

ORIGINAL SHEET - ISO A1

L-6

ORIGINAL SHEET - ISO A1



ICON PICNIC SHELTER - FOOTING DETAIL



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Titlo

LANDSCAPE DETAILS

Project No. 1614-01283	Scale	
Drawing No.	Sheet	Revision
L-7	7 of 7	0