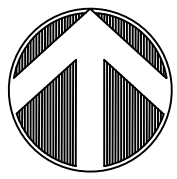


PORT MAITLAND ESPLANADE PARK

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



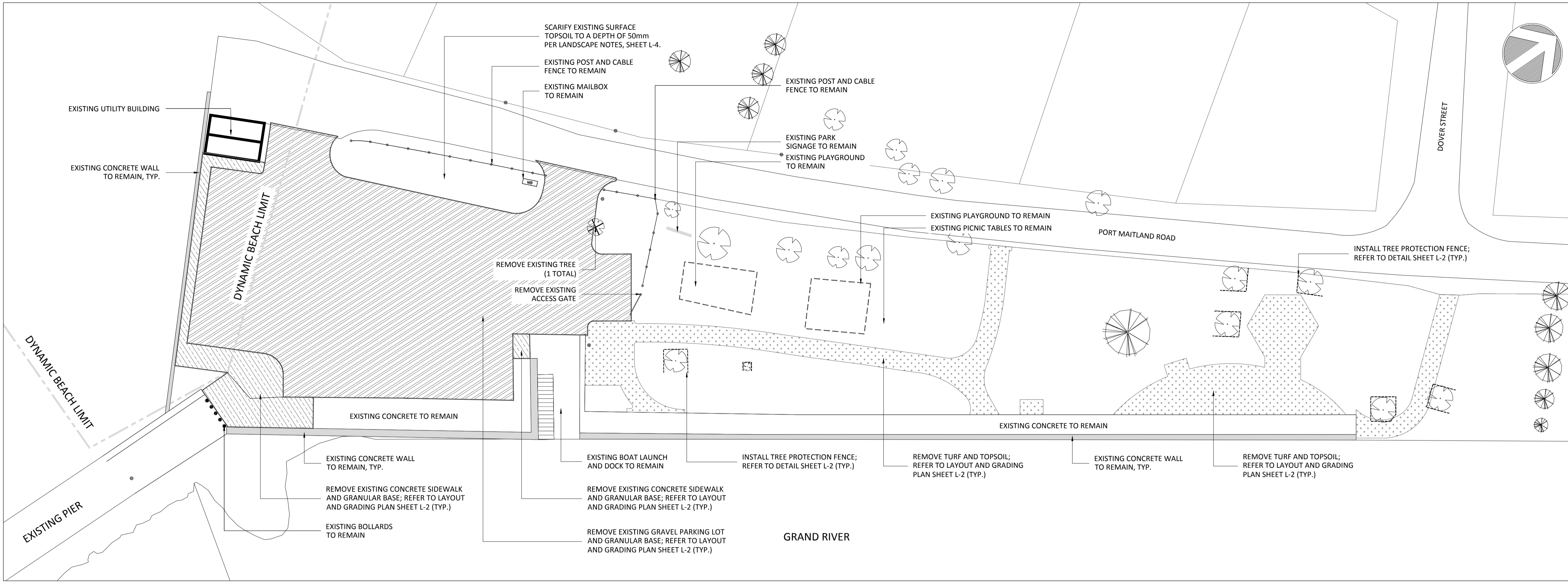
Drawing No.	Description
L-1	Removals Plan
L-2	Layout & Grading Plan
L-3	Layout & Grading Plan
L-4	Landscape Details
L-5	Landscape Details
L-6	Landscape Details
L-7	Landscape Details



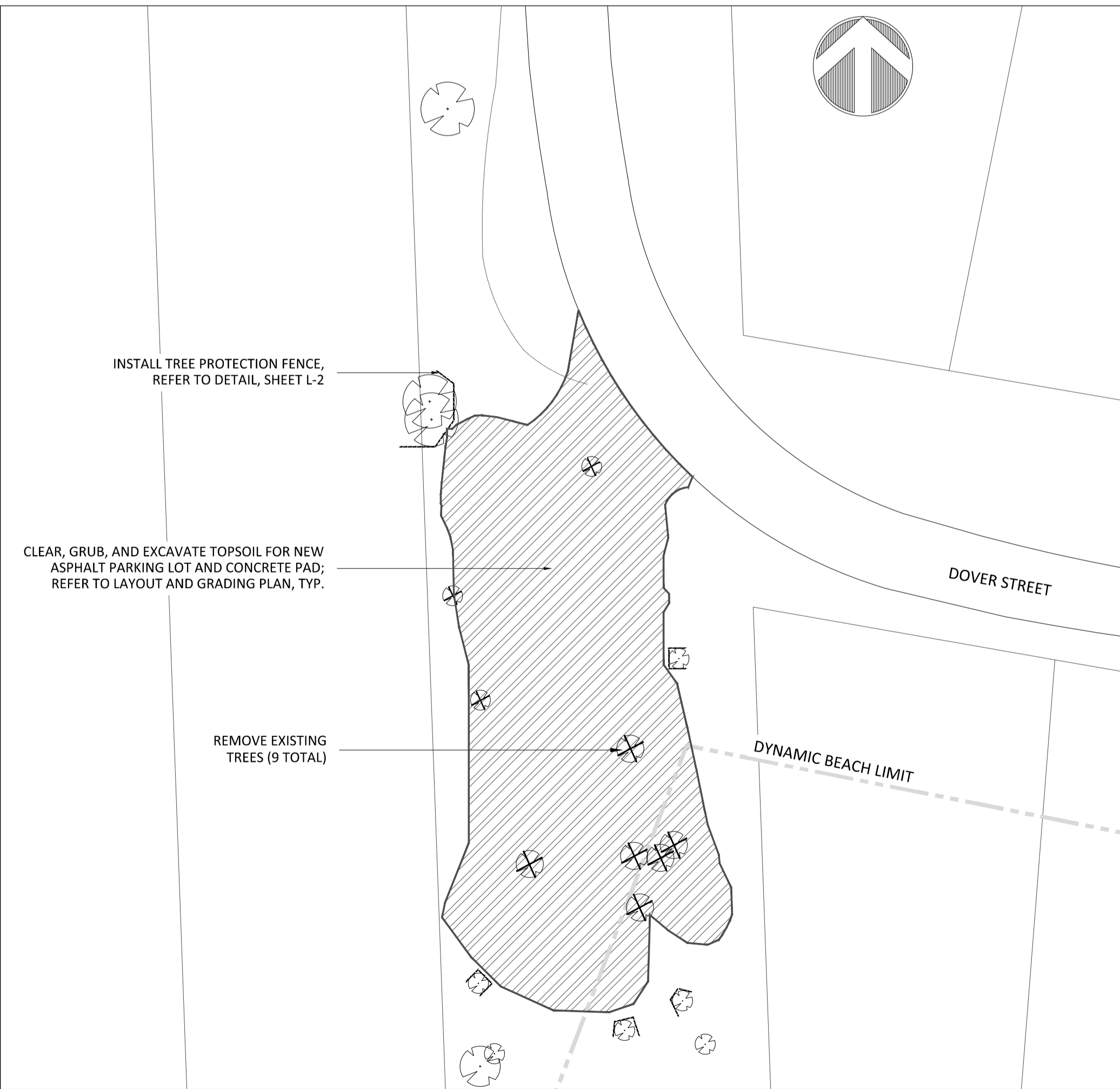
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171 Queens Avenue, 6th Floor
London ON Canada N6A 5J7
Phone: (519) 645-2007
Fax: (519) 645-6575
E-mail: london@stantec.com

Job No 1614-01283

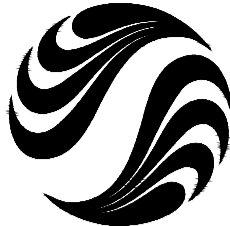
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2013/08/15 3:59 PM By: Hasefeld, Alexandra



MAIN BEACH PARKING LOT & ESPLANADE PARK REMOVALS



WEST BEACH PARKING LOT REMOVALS



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Consultants

Legend

- 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	By	Appd.	YY.MM.DD
1. ISSUED FOR CLIENT REVIEW (80%)	AMH	RC	13.08.02
Issued	By	Appd.	YY.MM.DD
File Name: 161401283.11.130802 RemovalsPlan.dwg	AMH	RC	13.07.13
	Dwn.	Chkd.	Dsgn.

Permit-Seal

Client/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

Title

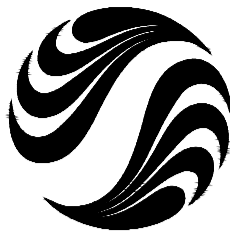
REMOVALS PLAN

Project No.	Scale
1614-01283	AS SHOWN
Drawing No.	Sheet

L-1

1 of 7

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Consultants

Legend

- DYNAMIC BEACH LIMIT
- GRADING LIMIT
- PROPOSED TREE PROTECTION FENCE
- EXISTING PLAYGROUND
- EXISTING TREE TO REMAIN
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUB
- PROPOSED ARMOUR STONE
- PROPOSED PERENNIAL
- PROPOSED PLANT KEY
- PROPOSED NATURAL CONCRETE PAVING
- PROPOSED TOPSOIL AND PARK STANDARD SEED
- PROPOSED WASTE RECEPTACLE
- PROPOSED BENCH
- EXISTING PICNIC TABLE
- EXISTING GRADE
- PROPOSED GRADE
- PROPOSED SLOPE
- EXISTING LIGHT STANDARD
- EXISTING BOLLARD

Notes

*REFER TO SHEET L-4 FOR LANDSCAPE NOTES.

Revision By Appd. YY.MM.DD

1. ISSUED FOR CLIENT REVIEW (80%) AMH RC 13.08.02

Issued By Appd. YY.MM.DD

File Name: 161401283.11.130802.LayoutPlan.dwg AMH RC RC 13.07.13
Dwn. Chkd. Dsgn. YY.MM.DD

Permit-Seal

Client/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

Title

LAYOUT & GRADING PLAN

Project No.

1614-01283

Drawing No.

L-2

Scale

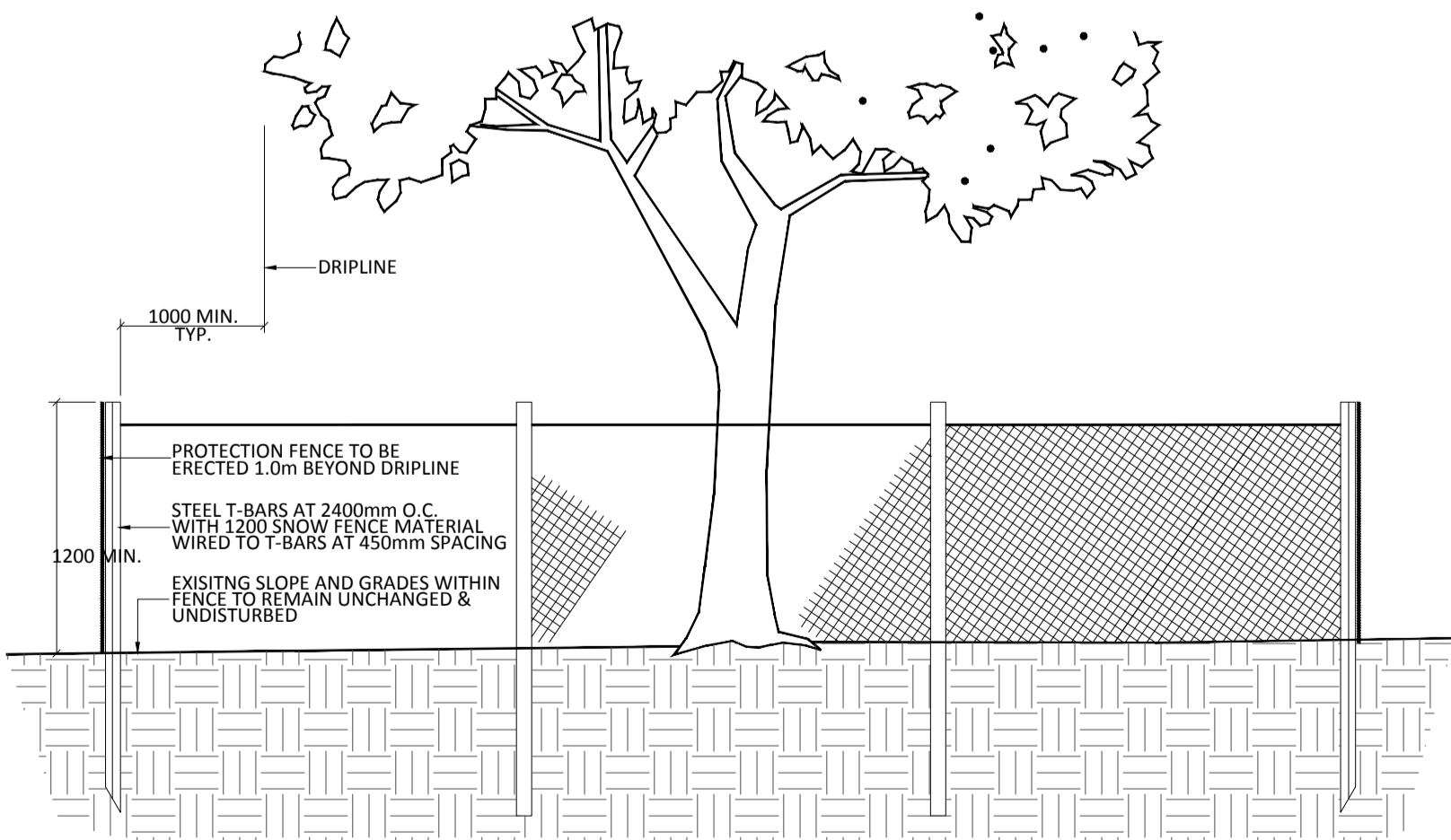
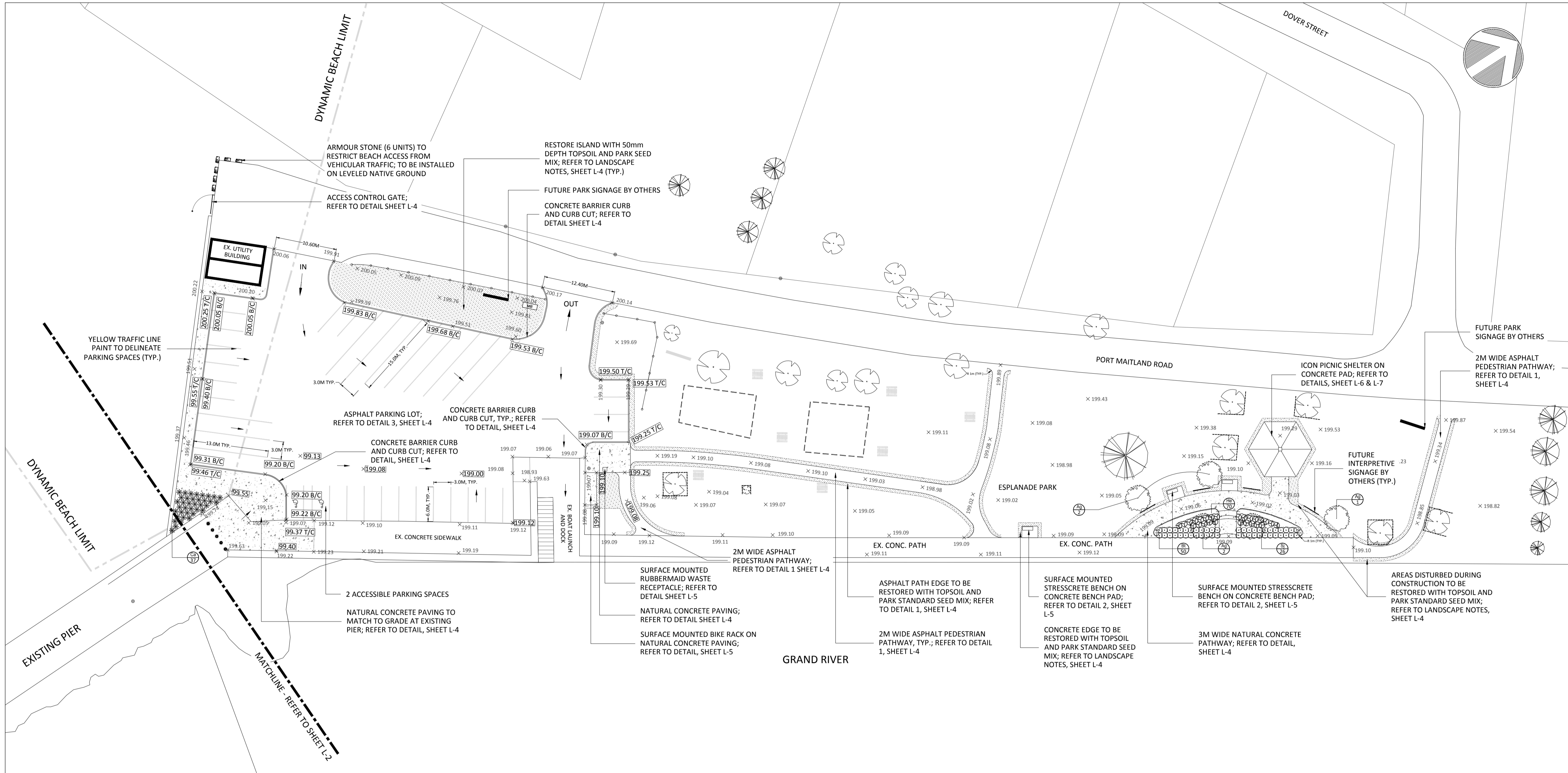
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Sheet

2 of 7

Revision

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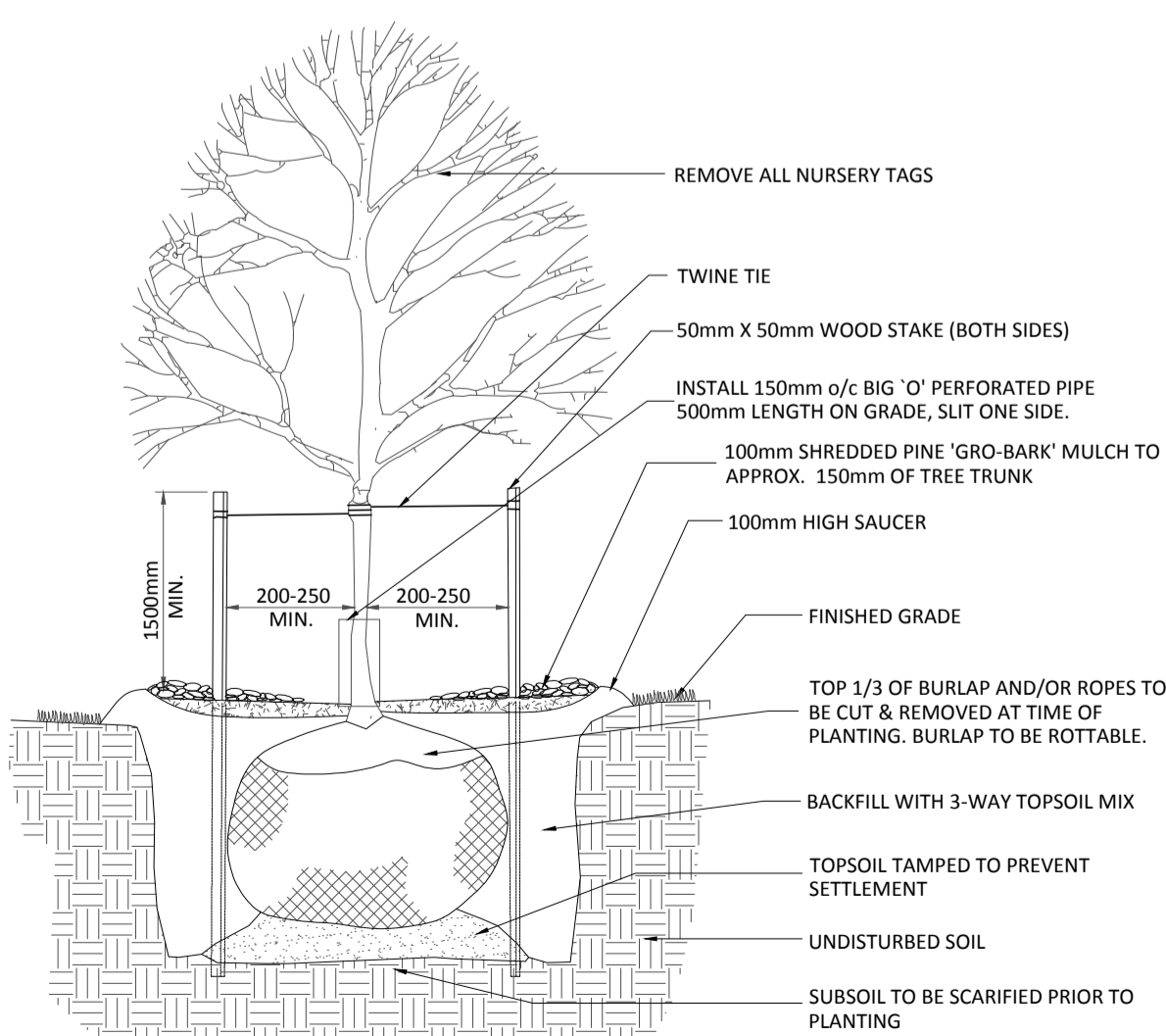


NOTES:

- ANY EXPOSED ROOTS ARE TO BE HAND PRUNED USING PROPER ARBORCULTURE PRACTICES.
- UNDER NO CIRCUMSTANCES SHALL ANY CONSTRUCTION MATERIALS OR EQUIPMENT BE PLACED WITHIN THE TREE PROTECTION HOARDING.
- ALL TREE PROTECTION TO BE ERRECTED PRIOR TO ANY CONSTRUCTION ACTIVITY AND IS TO REMAIN IN PLACE UNTIL ALL CONSTRUCTION HAS BEEN COMPLETED.

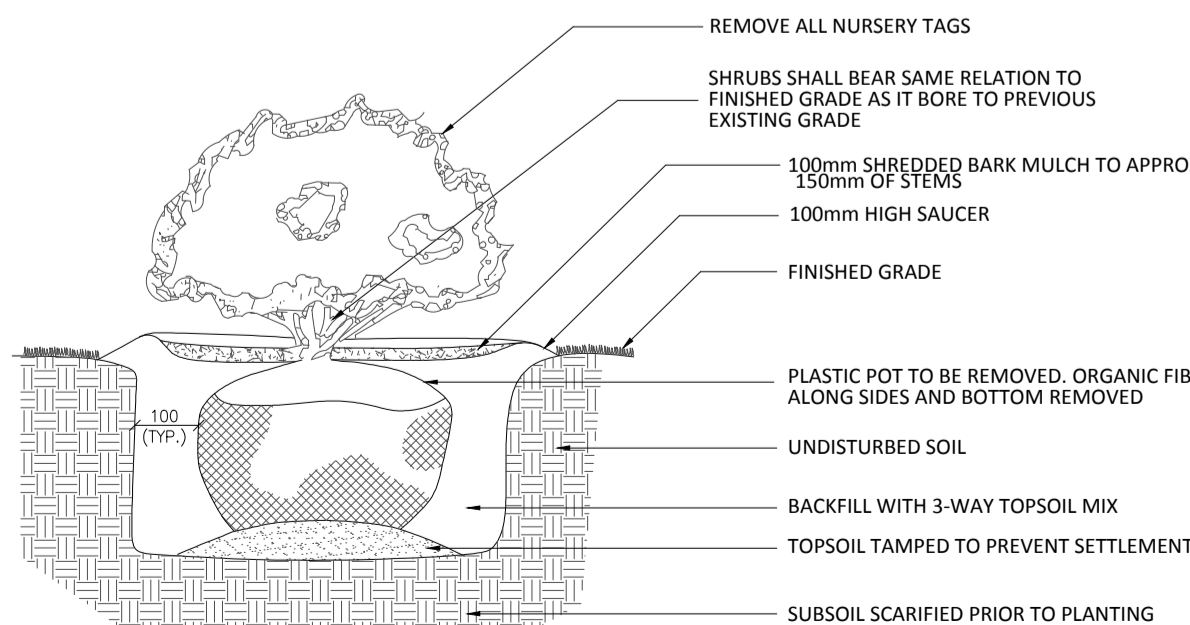
LIGHT DUTY TREE PROTECTION FENCE

N.T.S.



DECIDUOUS TREE PLANTING DETAIL

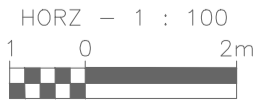
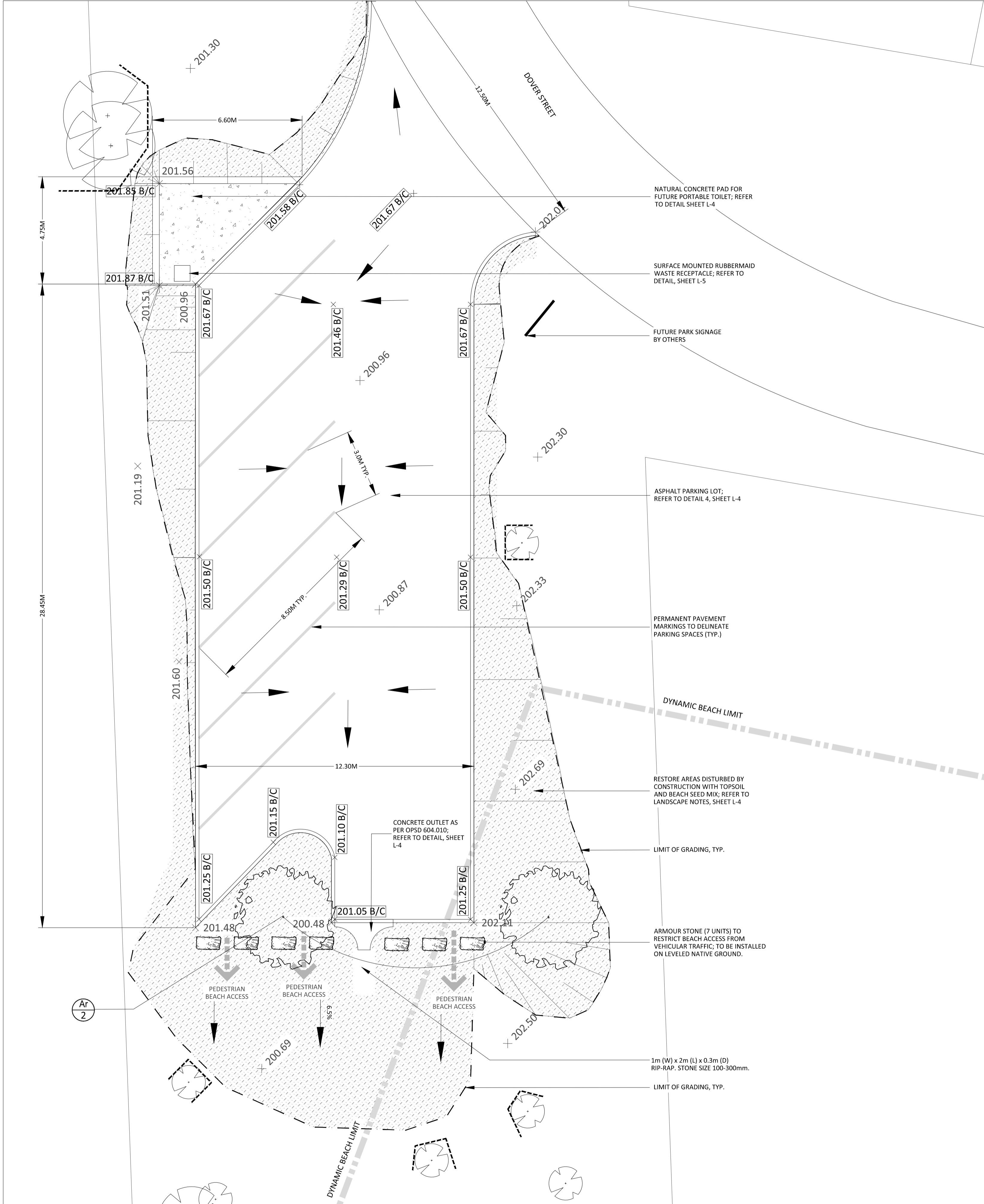
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SHRUB PLANTING DETAIL

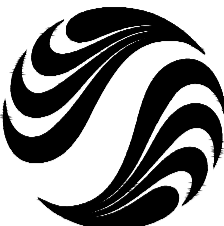
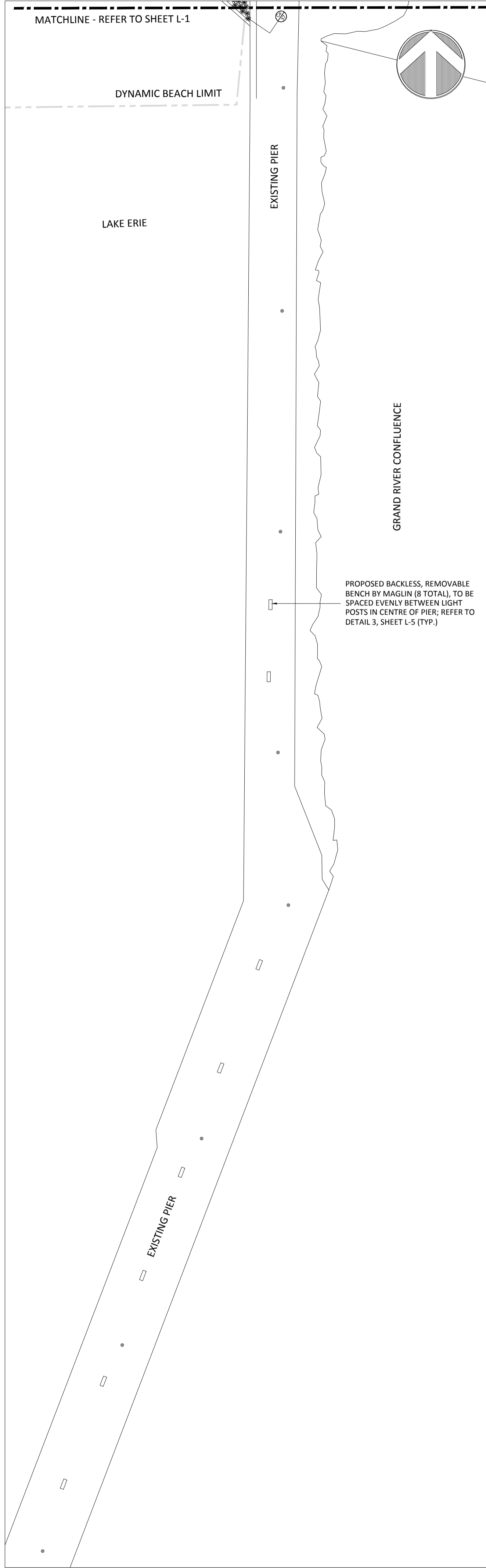
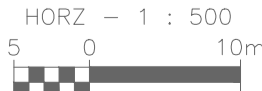
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2013/08/15 4:00 PM By: Hossfeld, Alexandra



KEY	No.	BOTANICAL NAME	COMMON NAME	SIZE & CONDITION
Ar	2	ACER RUBRUM	RED MAPLE	50mm CALIPER, WIRE BASKET

WEST BEACH PARKING LOT



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Consultants

Legend

- DYNAMIC BEACH LIMIT
- GRADING LIMIT
- PROPOSED TREE PROTECTION FENCE
- EXISTING PLAYGROUND
- EXISTING TREE TO REMAIN
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUB
- PROPOSED ARMOUR STONE
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- EXISTING PICNIC TABLE
- EXISTING GRADE
- PROPOSED GRADE
- PROPOSED SLOPE
- EXISTING LIGHT STANDARD
- EXISTING BOLLARD

Notes

*REFER TO SHEET L-4 FOR LANDSCAPE NOTES.

Revision	By	Appd.	YY.MM.DD
1. ISSUED FOR CLIENT REVIEW (80%)	AMH	RC	13.08.02
Issued	By	Appd.	YY.MM.DD
File Name: 161401283.11.130802.LayoutPlan	AMH	RC	13.06.13
	Dwn.	Chkd.	Dsgn.
			YY.MM.DD

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Client/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

Title

LAYOUT & GRADING PLAN

Project No.
1614-01283

Scale
1 : 400

Drawing No.

Sheet

Revision

L-3

3 of 7

0



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Legend

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1. ISSUED FOR CLIENT REVIEW (80%)	AMH	RC	13.08.02
Issued	By	Appd.	YY.MM.DD
File Name: 161401283.11.130802.LayoutPlan	AMH	RC	RC
	Dwn.	Chkd.	Dsgn.
			YY.MM.DD

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Client/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

Title

LANDSCAPE DETAILS

Project No.

1614-01283

Drawing No.

Scale

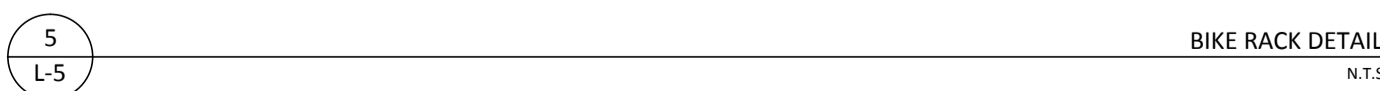
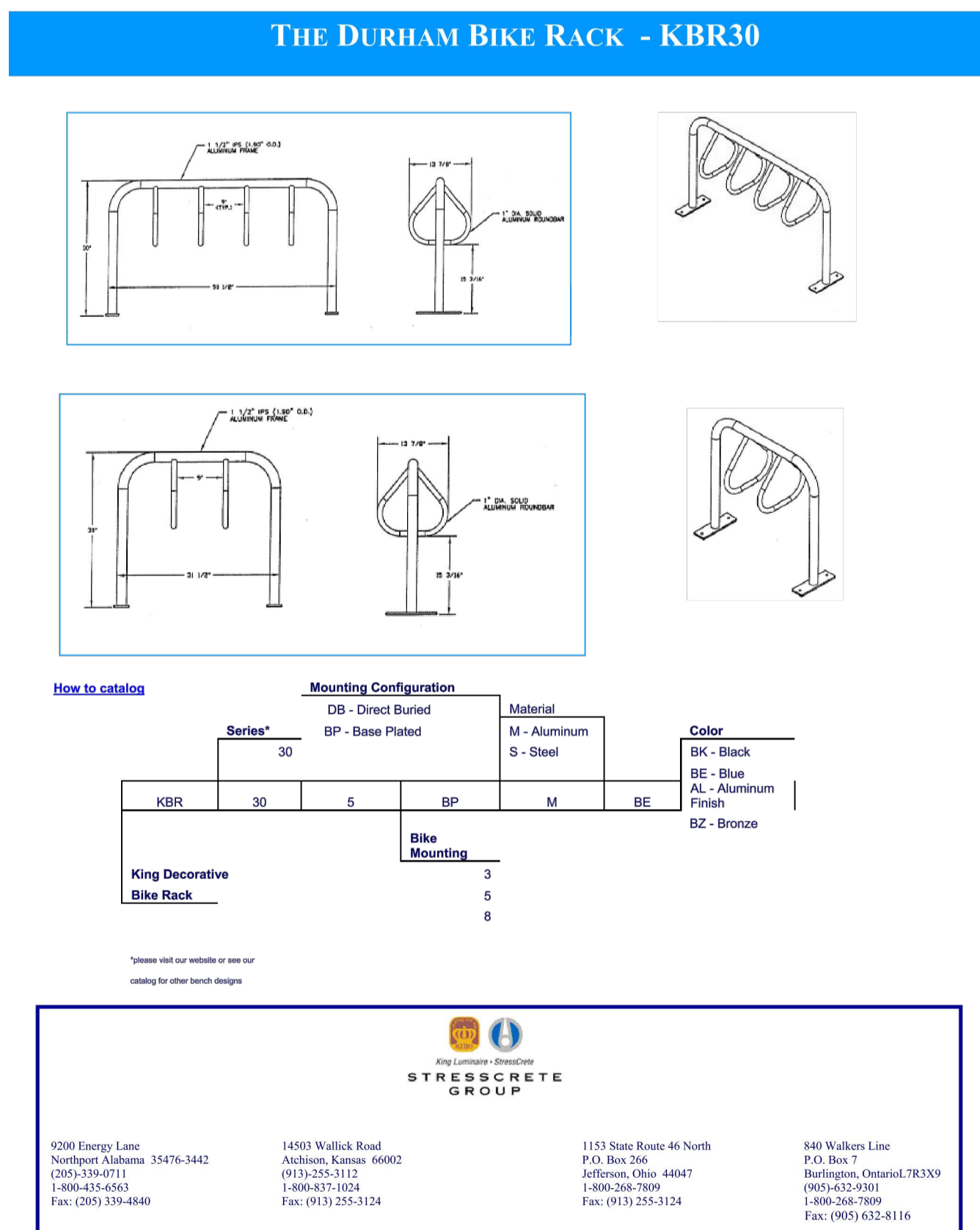
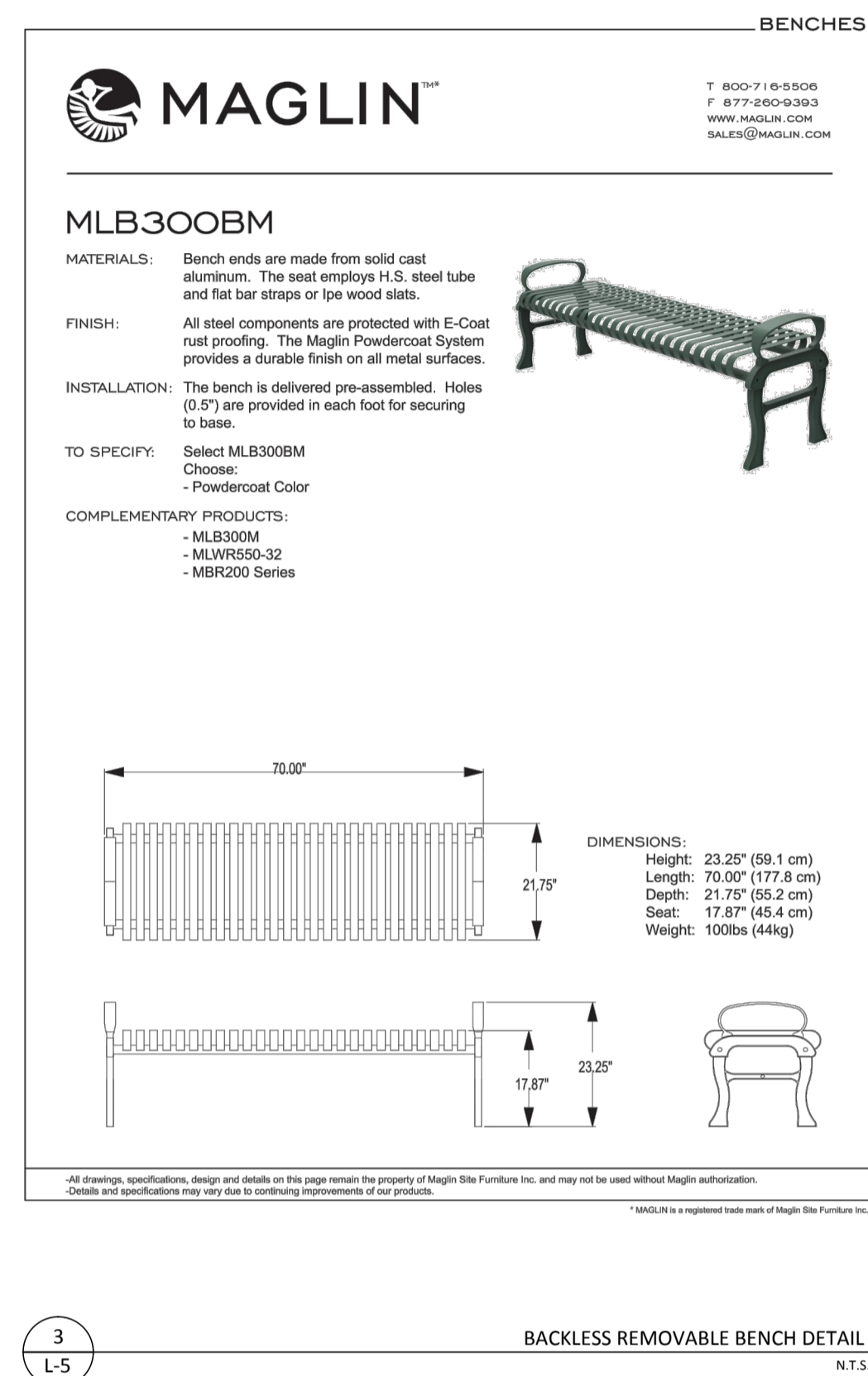
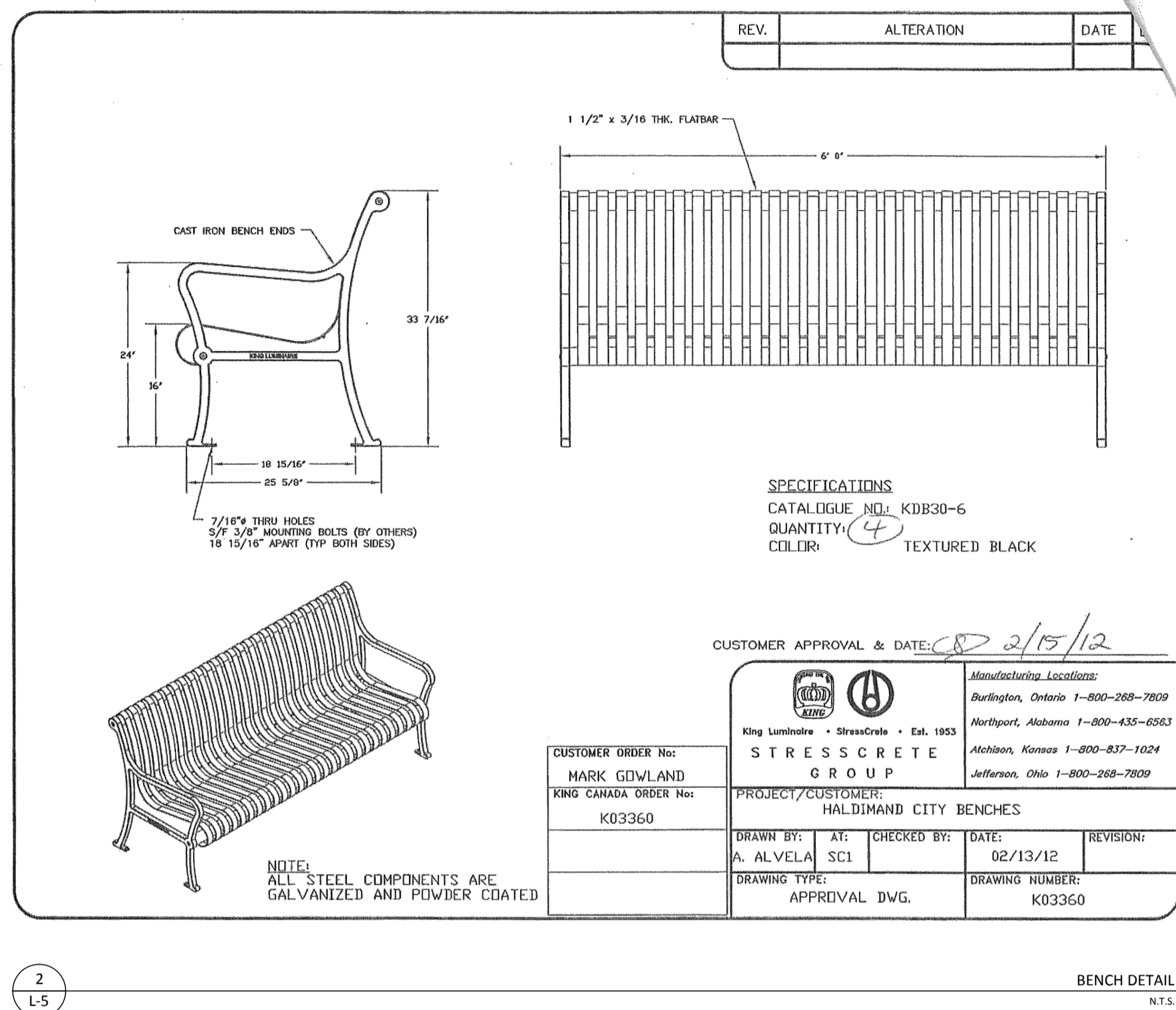
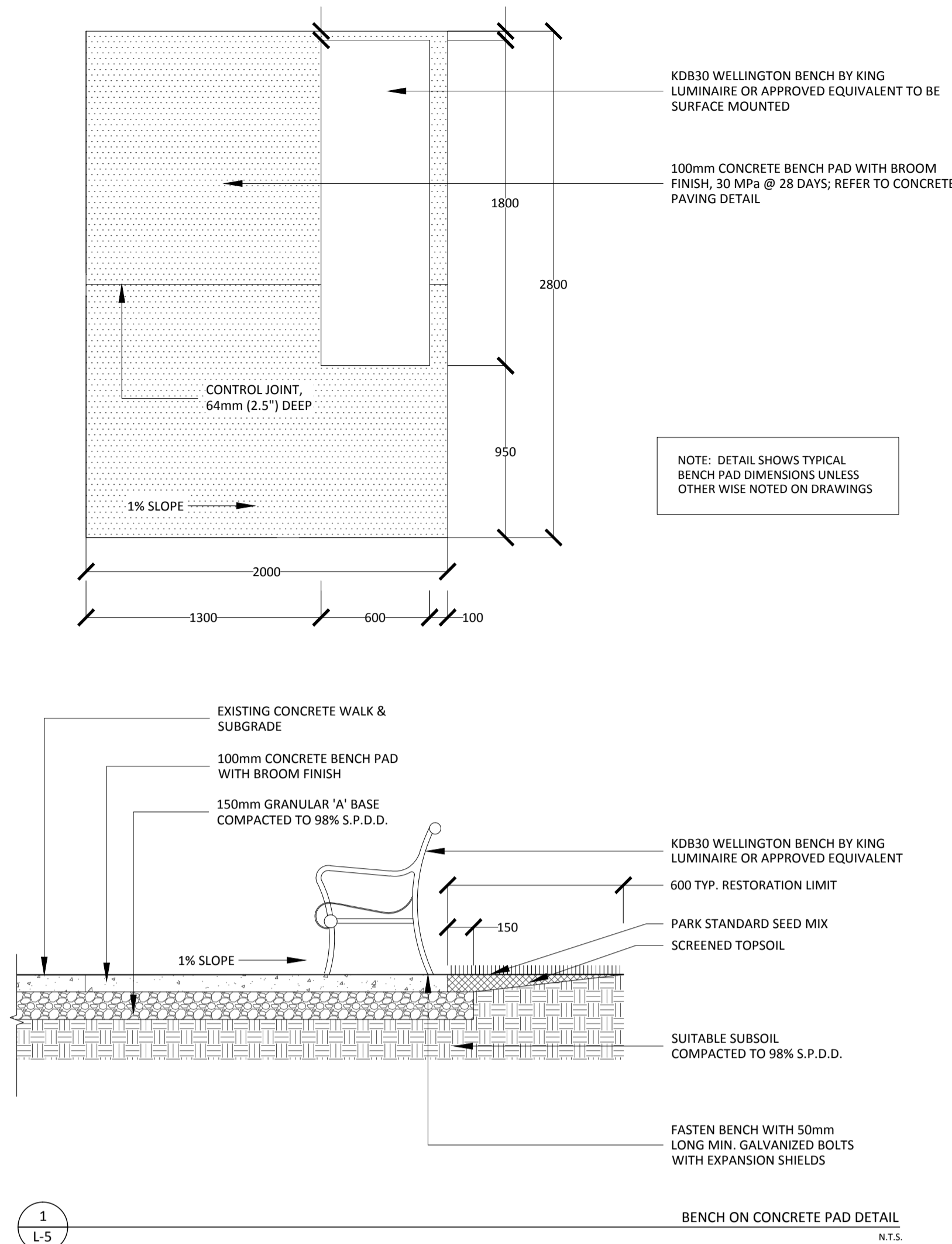
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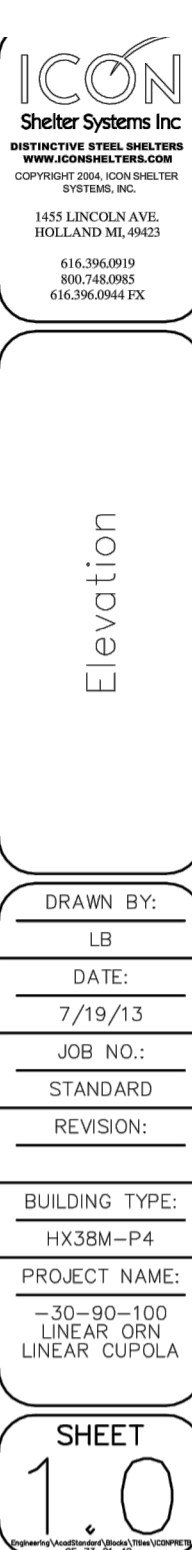
Revision

L-5

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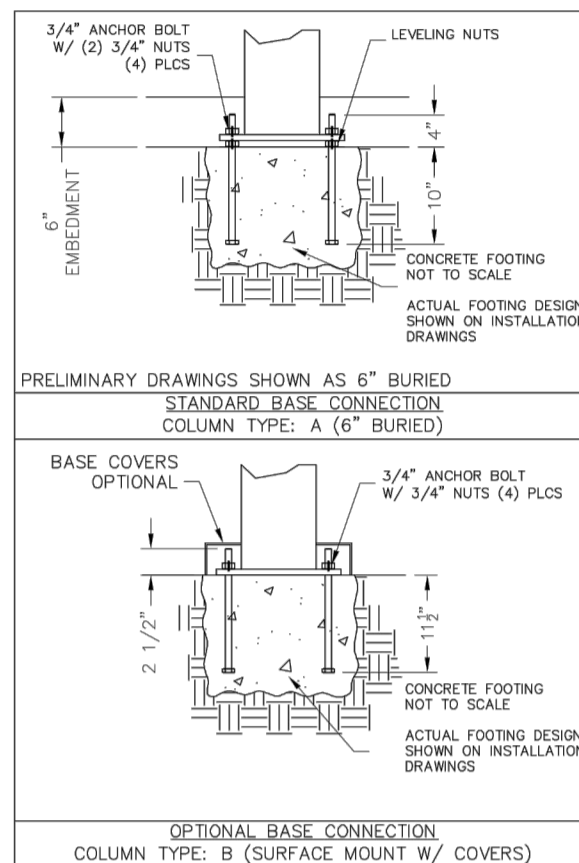
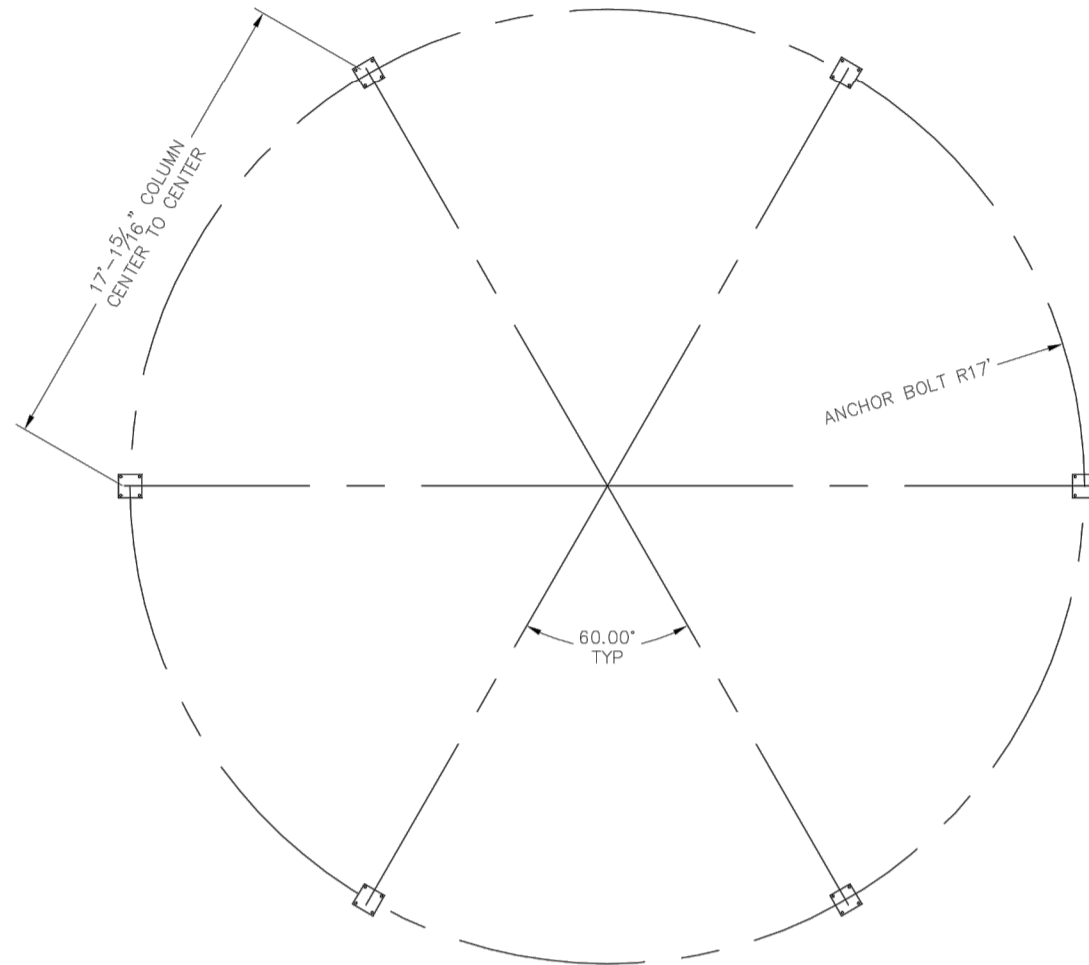




THESE FOUNDATION LOADS ARE FOR ESTIMATING PURPOSE ONLY.
THE ACTUAL LOADS WILL BE DETERMINED IN THE FINAL ENGINEERING.

LOAD COMBINATION	AXIAL (F _x)	SHEAR (F _y)	SHEAR (F _z)	MOMENT (M _x)	MOMENT (M _y)	MOMENT (M _z)
DL	0.99	0.00	0.11	-3.99	0.00	0.00
SL	4.27	0.00	0.51	-20.16	0.00	0.00
W-UPLIFT	-1.62	0.25	-0.30	16.49	17.43	0.00
W-FY	-1.56	-0.34	-0.19	7.42	-23.10	0.00
W-FZ	-1.61	0.17	-0.42	25.30	-11.55	0.00
E-FY	0.00	-0.24	0.00	0.00	-16.70	0.00
E-Z	-0.11	0.00	-0.20	14.91	0.00	0.00

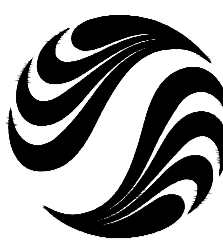
- NOTES:
 - FOUNDATION DESIGN HAS NOT BEEN PERFORMED BY IGON SHELTER SYSTEMS INC.
 - A LICENSED ENGINEER FAMILIAR WITH SOIL CONDITIONS AT CONSTRUCTION SITE
 - THE STRUCTURE HAS BEEN ENGINEERED AS AN OPEN STRUCTURE.
 - COORDINATES OF THE SHELTER SYSTEMS INC. STRUCTURE IS TO BE EXPLORED.
 - COORDINATES ARE LOCAL TO THE COLUMN
- DEFINITIONS:
 - D₁ = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST AVAL LOAD
 - D₂ = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST AVAL LOAD
 - U₁ = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST UPLIFT LOAD
 - U₂ = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST UPLIFT LOAD
 - S₁ = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
 - S₂ = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST SHEAR VALUE ACTING IN THE SAME DIRECTION AS THE DEAD LOAD
 - S₃ = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Z DIRECTION
 - S₄ = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION



CON
Steel Systems Inc
STEEL SHELTERS
CONCRETE SHELTERS
 12254 KOCK SHELTER
 SYSTEMS, INC.
 LINCOLN AVE.
 LAND ME 04223
 016.396.0759
 800.748.0983
 6.396.0944 FX

Anchor Bolt Layout

DRAWN BY: _____
 LB _____
 DATE: _____
 7/19/13
 JOB NO.: _____
 STANDARD _____
 REVISION: _____
 BRIDGING TYPE: _____
 X38M-P4
 SUBJECT NAME: _____
 0-90-100
 NEAR ORN
 NEAR CUPOLA
 SHEET _____
 2 OF 0

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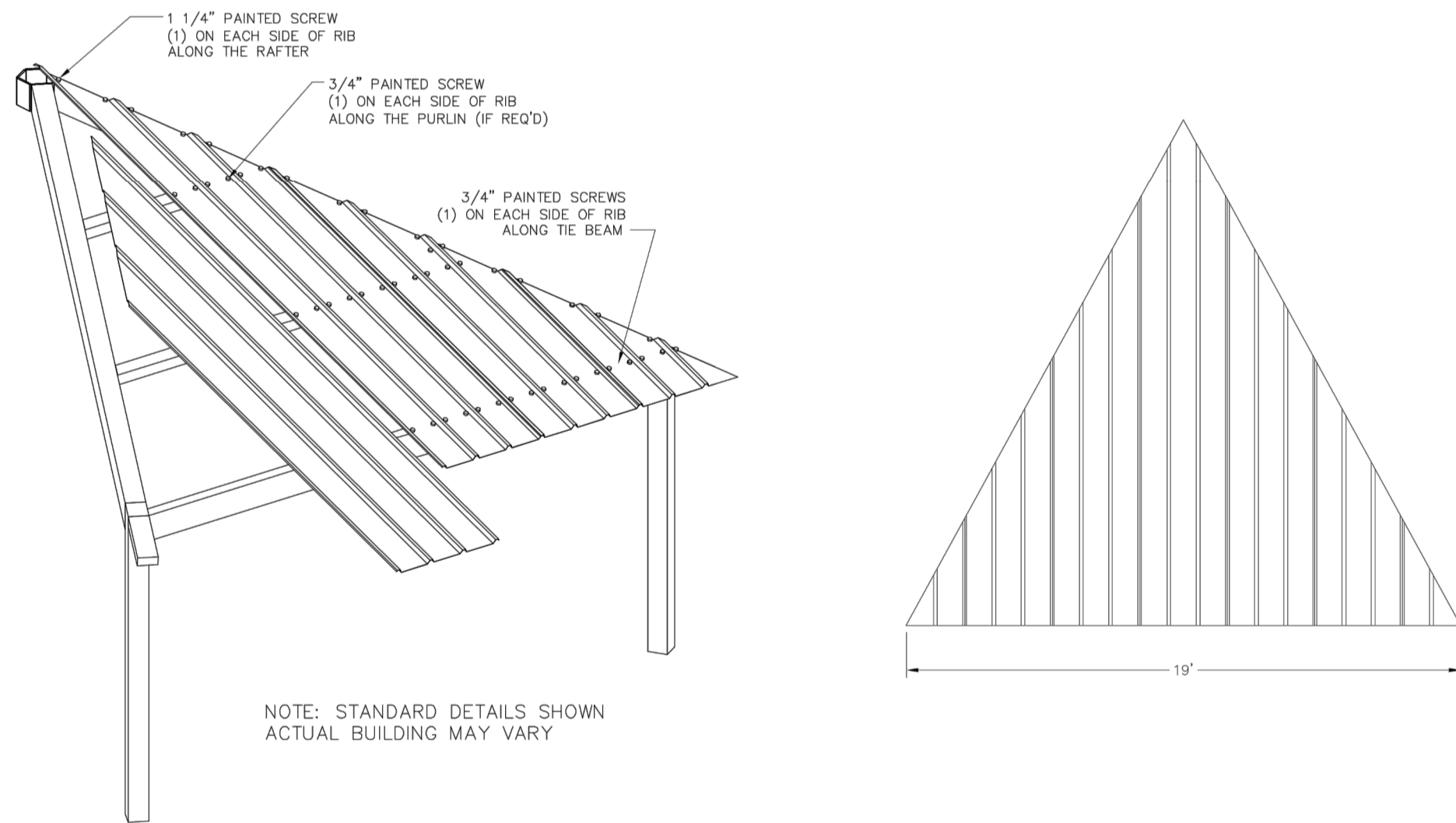
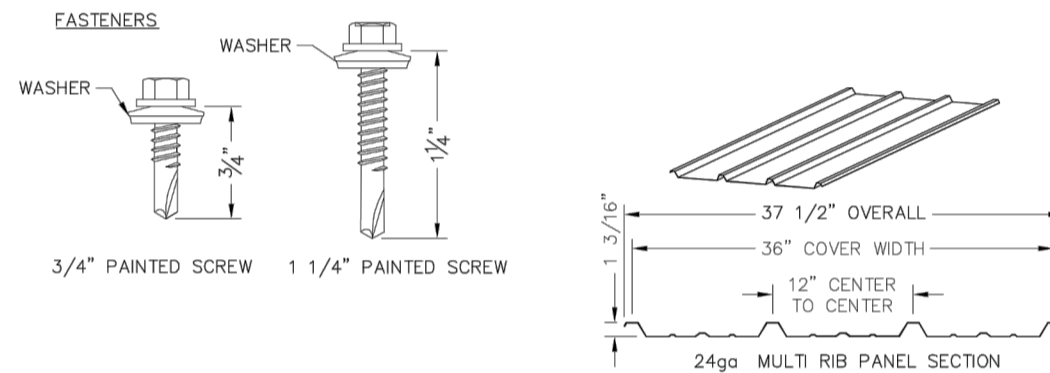
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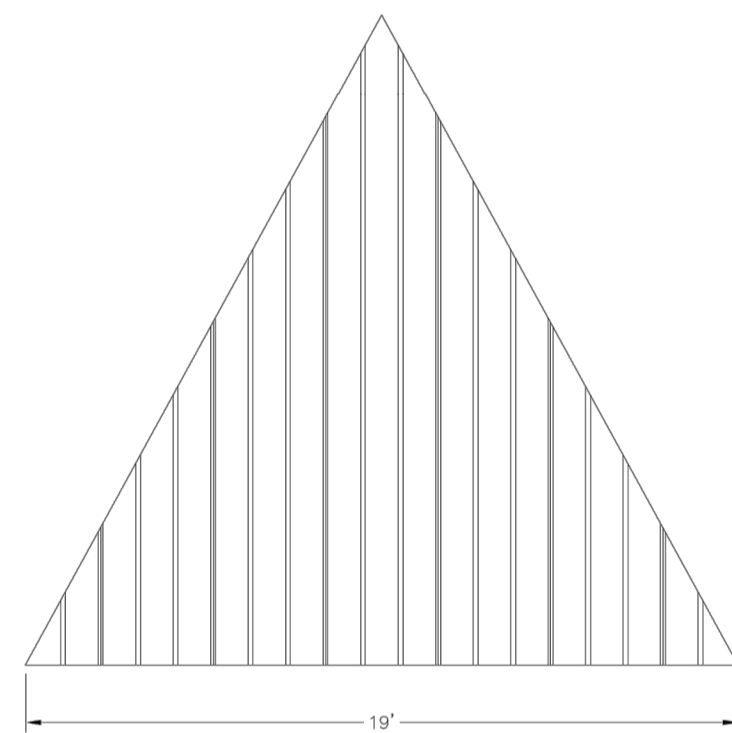
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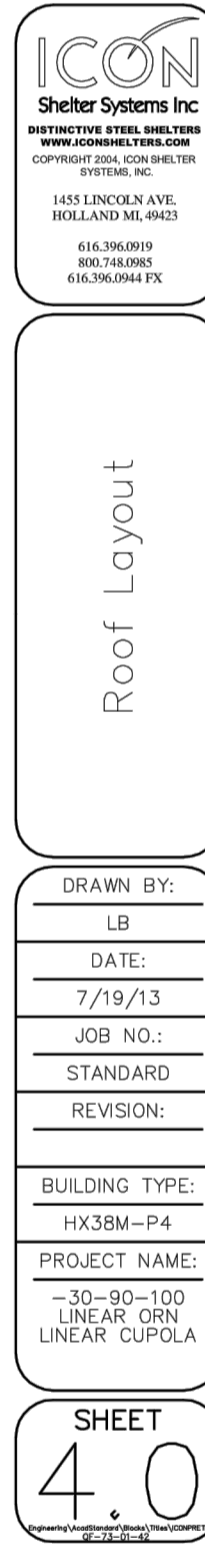
Legend



NOTE: STANDARD DETAILS SHOWN
ACTUAL BUILDING MAY VARY



PRELIMINARY: NOT FOR CONSTRUCTION



Notes

Revision	By	Appd.	YY.MM.DD
1. ISSUED FOR CLIENT REVIEW (80%)	AMH	RC	13.08.02
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Client/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

Title

LANDSCAPE DETAILS

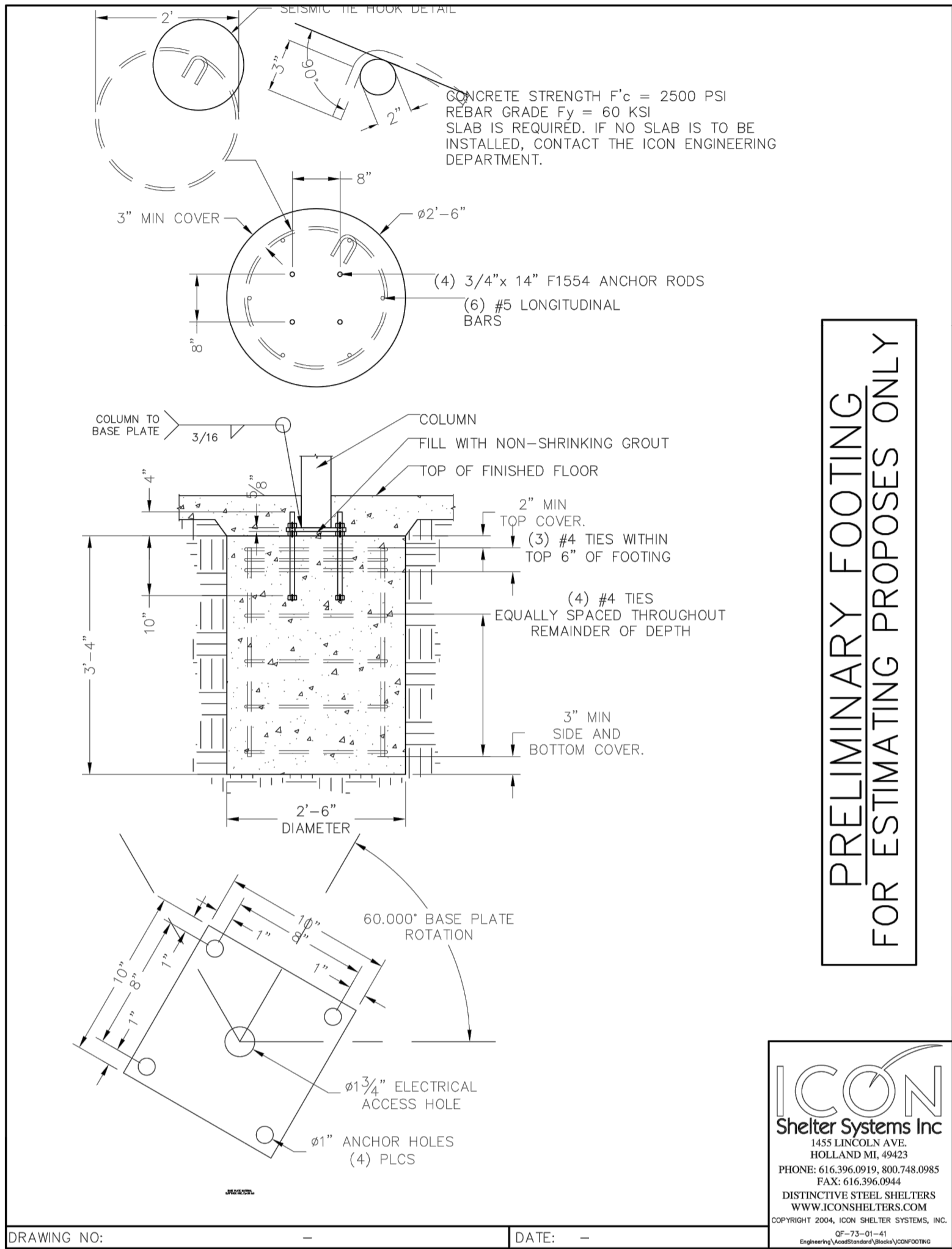
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Drawing No.	Sheet	Revision

L-6

6 of 7

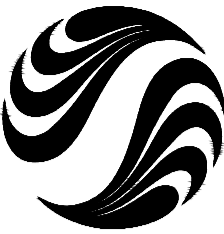
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2013/05/15 4:00 PM By: Rossfield, Alexandra



1
L-7

ICON PICNIC SHELTER - FOOTING DETAIL
N.T.S.



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Tel. 519.645.2007
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Client/Project

THE COUNTY OF HALDIMAND

PORT MAITLAND PIER & BEACH

Port Maitland ON Canada

Title

LANDSCAPE DETAILS

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

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