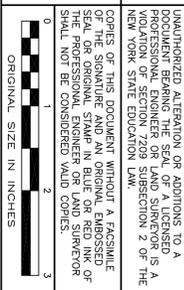


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For Comment:			
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TECTONIC : PLANNING
: ENGINEERING
: CONSTRUCTION MANAGEMENT

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Forest Hills, NY 11375
Phone: (718) 391-0200
Fax: (718) 391-0607
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GRADING & UTILITY PLAN

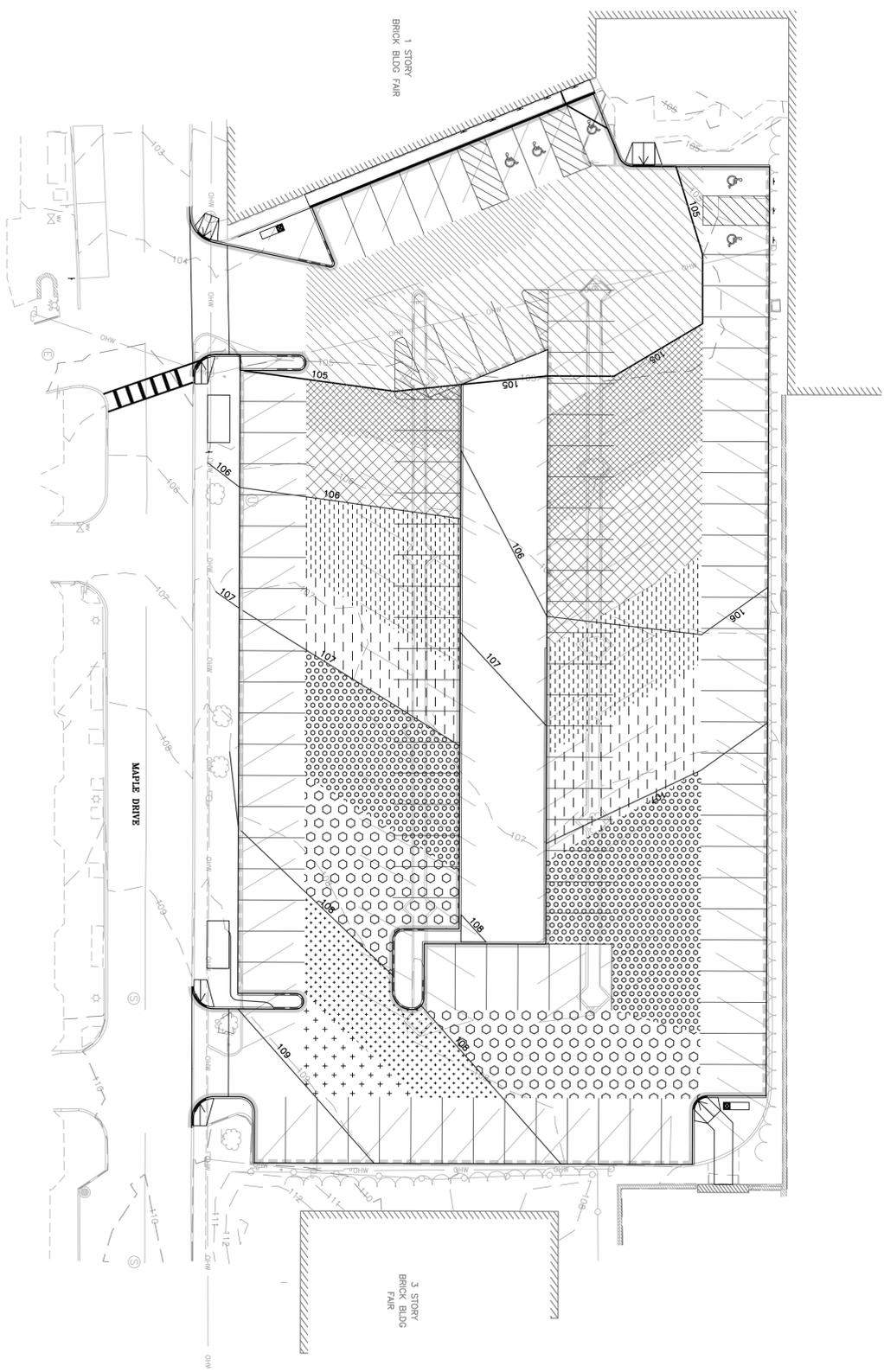
SUSTAINABLE MAPLE DRIVE PARKING LOT
VILLAGE OF GREAT NECK PLAZA
NASSAU COUNTY, NEW YORK

Date: 03/22/2015
Scale: 1" = 20'

Work Order: 7599.01
Drawing No.: C-103
Rev: 0

LEGEND

-  SUBSURFACE ELEVATION A - 103.4
-  SUBSURFACE ELEVATION A - 103.9
-  SUBSURFACE ELEVATION B - 104.4
-  SUBSURFACE ELEVATION B - 104.9
-  SUBSURFACE ELEVATION C - 105.4
-  SUBSURFACE ELEVATION C - 105.9
-  SUBSURFACE ELEVATION D - 106.4
-  SUBSURFACE ELEVATION D - 106.9
-  SUBSURFACE ELEVATION E - 107.4
-  SUBSURFACE ELEVATION E - 107.9



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SUBSURFACE ELEVATION PLAN

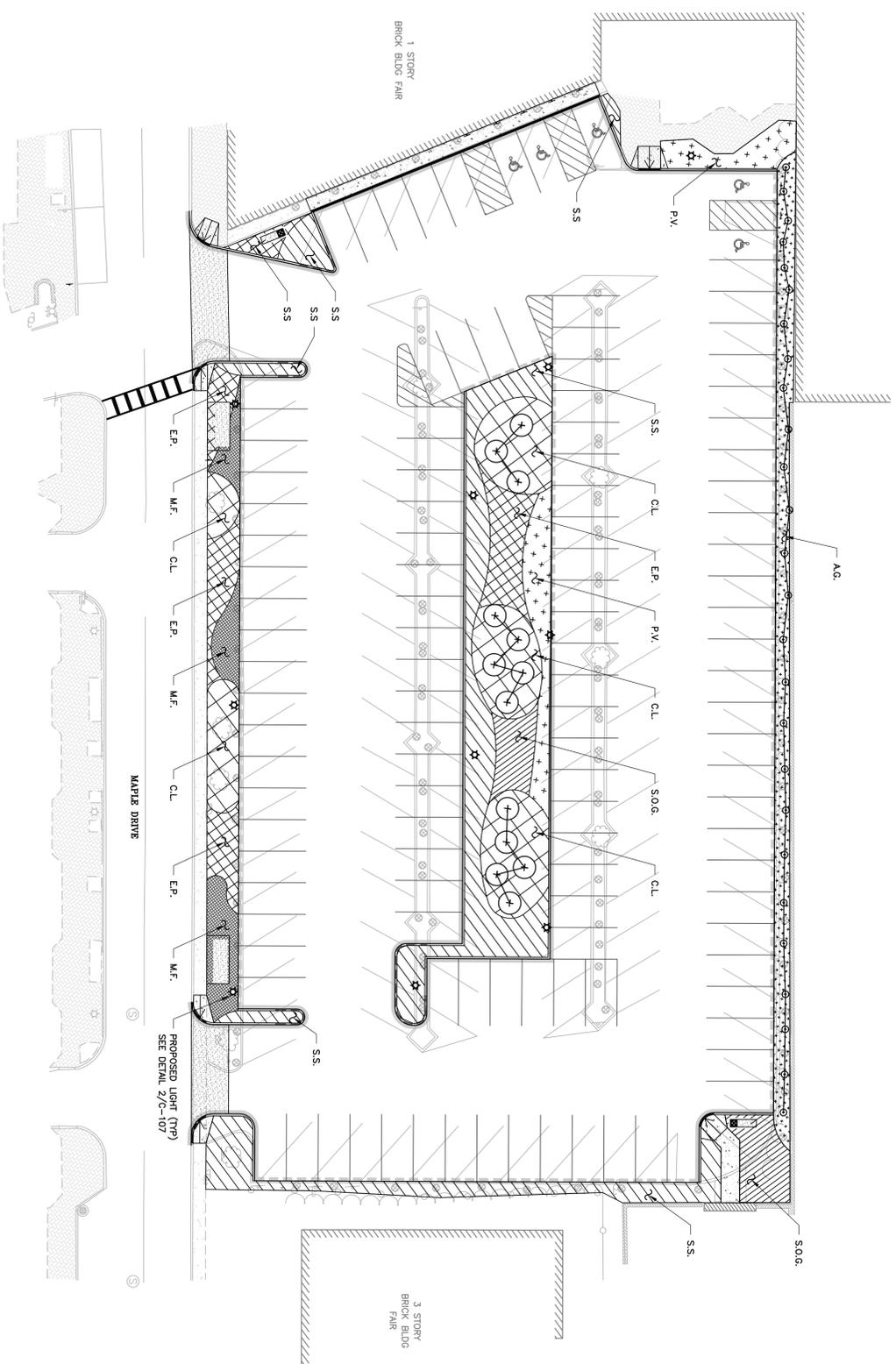
SUSTAINABLE MAPLE DRIVE PARKING LOT
VILLAGE OF GREAT NECK PLAZA
NASSAU COUNTY, NEW YORK

Date: 08/22/2015
Scale: 1" = 20'
Work Order: 7599.01
Drawing No.: C-104
Rev: 0

LANDSCAPING LEGEND

KEY	LATIN NAME	COMMON NAME	SIZE	QTY	ABV.	SPACING
	ANDROPOGON GERARDI	BIG BLUESTEM	1 QT	282	A.G.	24" ON CENTER
	SORGHASTRUM NUTANS	LITTLE BLUESTEM	1 QT	566	S.S.	24" ON CENTER
	ECHINACEA PURPUREA	PURPLE CONEFLOWER	2" PLUG	922	E.P.	12" ON CENTER
	MONARDA FISTULOSA	BEE BALM	2" PLUG	282	A.G.	12" ON CENTER
	COREOPSIS LANCEolata	LANCELEAF COREOPSIS	2" PLUG	282	A.G.	12" ON CENTER
	SOLIDAGO SEMPERVIRENS	SEASIDE GOLDENROD	2" PLUG	282	A.G.	24" ON CENTER
	PANICUM VIRGATUM	SWITCHGRASS	1 QT	282	A.G.	24" ON CENTER
	PINUS RIGIDA	PITCH PINE	5-6" TALL	282	A.G.	AS SHOWN
	PARTHENOCCISSUS Q.	VIRGINIA CREEPER	#1 CONTAINER	282	A.G.	AS SHOWN

NOTES:
 TOTAL PLANTING AREA = 8,165 SF
 WOOD CHIPS = 151 CY
 BOBDOG WED BARRIER = 8,165 SF



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LANDSCAPE PLAN

SUSTAINABLE MAPLE DRIVE PARKING LOT
 VILLAGE OF GREAT NECK PLAZA
 MASSAU COUNTY, NEW YORK

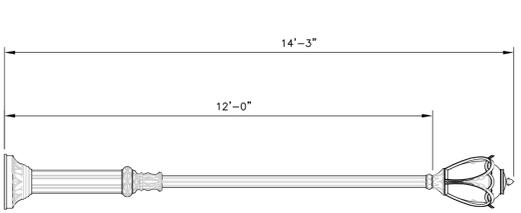
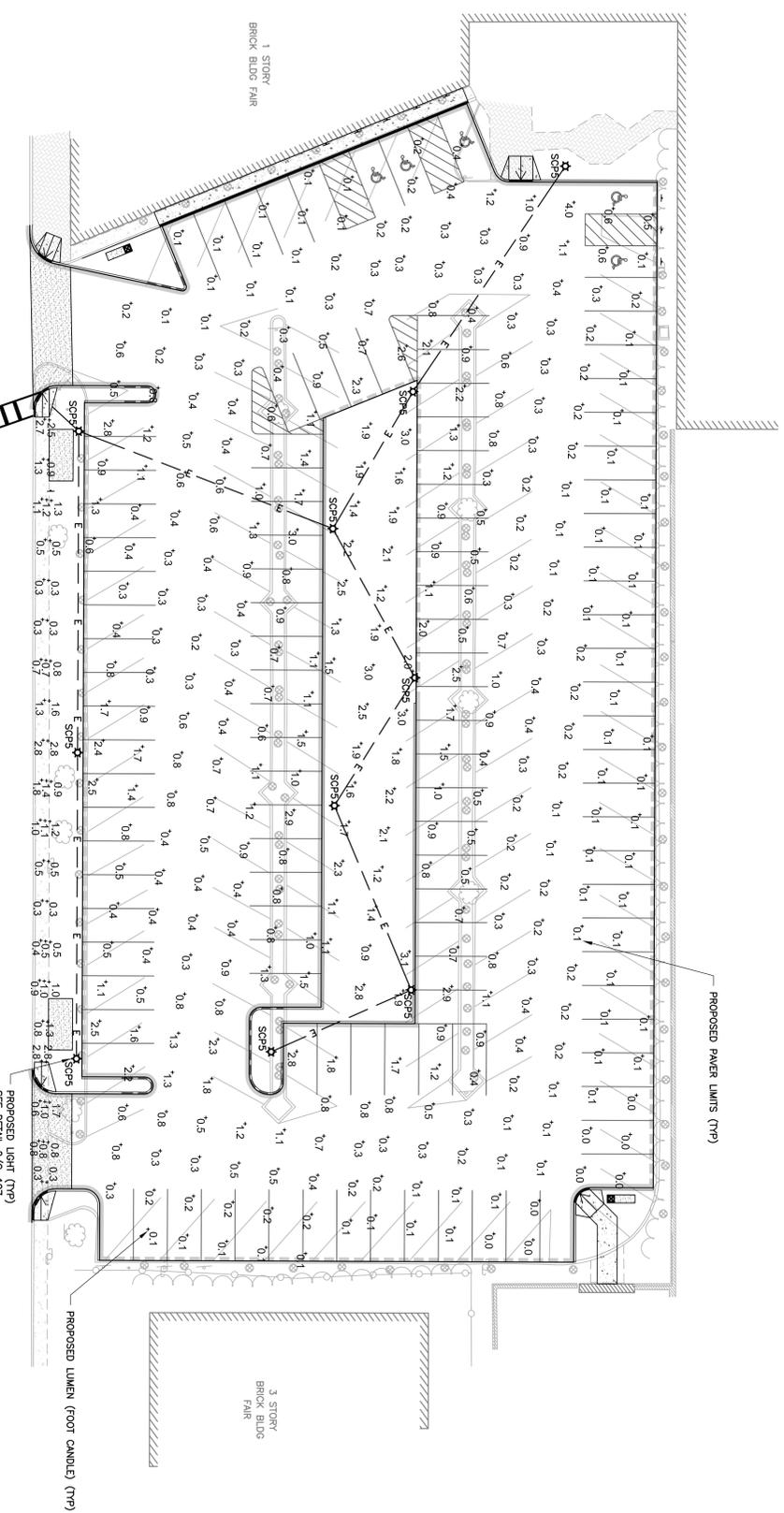
Date: 05/22/2015
 Scale: 1" = 20'
 Work Order: 7599.01
 Drawing No.: C-106
 Rev: 0

OneNature
 One Nature, LLC
 Beacon & Brooklyn, NY
 onenaturellc.com
 Ecological Services
 Landscape Construction
 Native Plant Nursery

LIGHTING TABLES

STATISTICS					
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN
SIGMA/K		1.1 FC	2.8 FC	0.3 FC	9.3:1
CENTER LANDSCAPED	+	1.9 FC	3.1 FC	0.9 FC	3.4:1
PARKING - NORTH	+	0.4 FC	4.0 FC	0.0 FC	N / A
PARKING - SOUTH	+	0.7 FC	3.0 FC	0.1 FC	30.0:1

LUMINAIRE SCHEDULE									
SYMBOL	LABEL	QTY	CATALOG NUMBER	DESCRIPTION	LAMP	FILE	LUMENS	LF	WATTS
★	SCPS	10	SCP-SOLEV29-14A-840-SFR5	CENTRAL PARK LED LUMINAIRE, TPE V		5837-SENTRY 1400A-SFR5	ABSOLUTE	0.91	51,769



- NOTES:
- LUMINAIRE: SCP-NB-SOLEV29-14A-840-SFR5
 - POLE: SA-9-48-12'

2 LIGHT FIXTURE
SCALE: NTS

1 LIGHTING PLAN
SCALE: NTS

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Date	Work Order	Drawing No.	Rev
05/22/2015	7599.01	C-107	0

Sentry Electric LLC
185 Buffalo Avenue, Freeport, New York 11520

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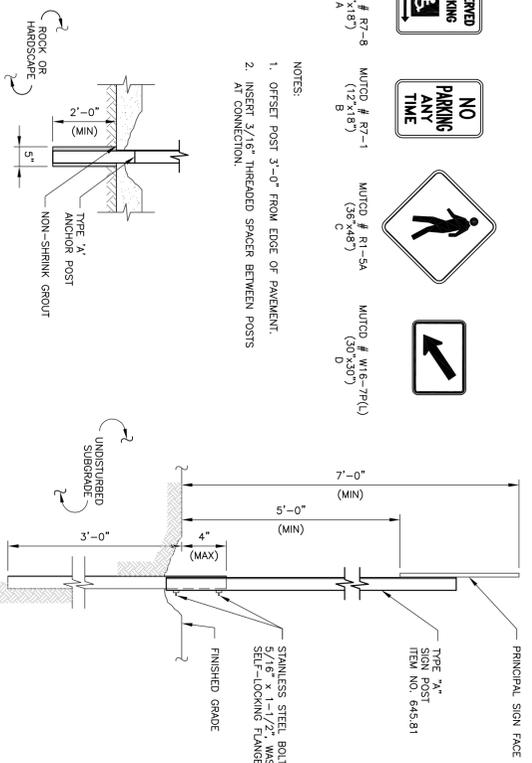
SUSTAINABLE MAPLE DRIVE PARKING LOT
VILLAGE OF GREAT NECK PLAZA
MASSAU COUNTY, NEW YORK

LIGHTING PLAN

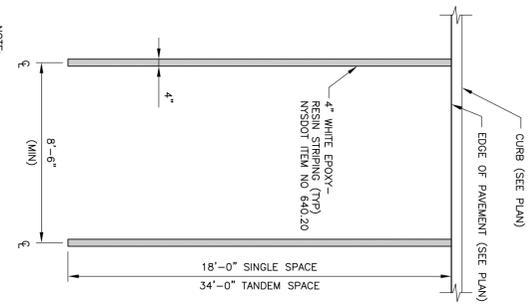


MUTCD # R2-8 (12 x 18")
MUTCD # R7-1 (12 x 18")
MUTCD # R1-5A (36 x 48")
MUTCD # W6-7P(L) (30 x 30")

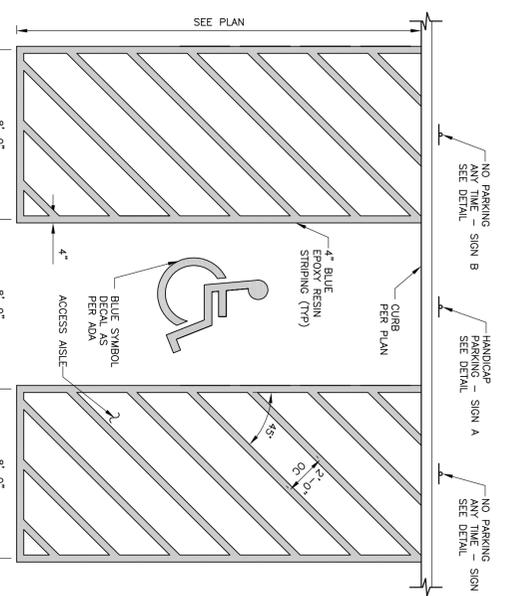
- NOTES:
1. OFFSET POST 3'-0" FROM EDGE OF PAVEMENT.
2. INSERT 3/16" THREADED SPACER BETWEEN POSTS AT CONNECTION.



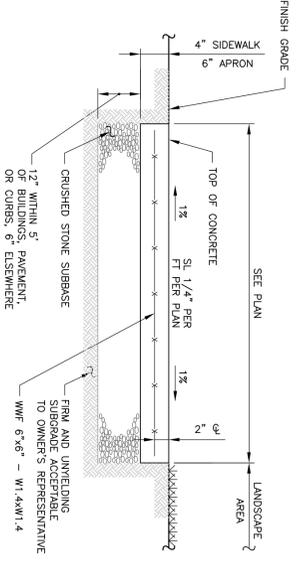
1 SIGN
SCALE: NTS



2 PARKING SPACE
SCALE: 1/4" = 1'-0"

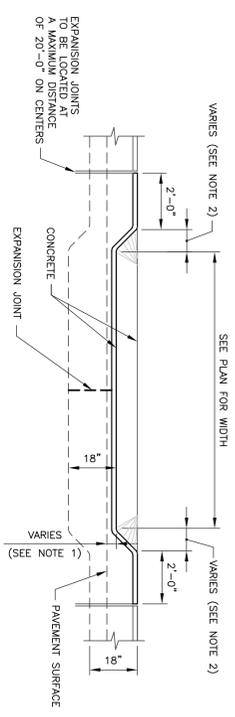


3 HANDICAP PARKING SPACES
SCALE: 1/4" = 1'-0"



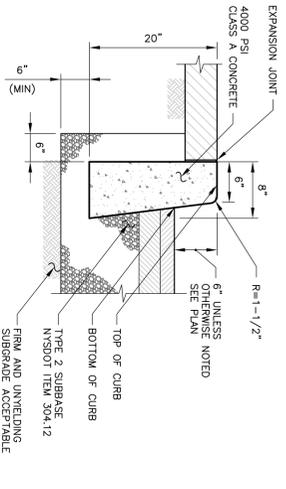
5 CONCRETE SIDEWALK
SCALE: NTS

- NOTES:
1. SIDEWALK CONSTRUCTION JOINTS SHALL BE SPACED AT 4' INTERVALS AND SHALL BE 1-1/2" DEEP, EDGED WITH 1/8" RADIUS.
2. ALL CONCRETE FOR SHALL BE MNSDOT 4000 PSI CONCRETE.
3. EXPANSION JOINTS SHALL BE SPACED 20 FT ON CENTER.
4. SIDEWALKS SHALL BE 4" THICK ON A 6" BASE OF MNSDOT ITEM 304.12 WITH 6"x6" WELDED WIRE MESH.



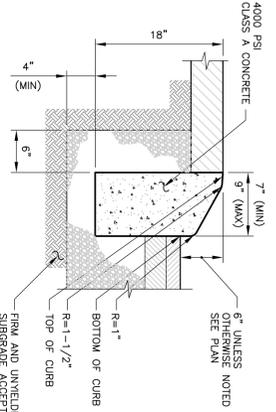
6 DEPRESSED CURB
SCALE: NONE

- NOTES:
1. LIP DIMENSION SHALL BE 1.5 INCHES FOR DRIVEWAYS AND 0 - INCHES FOR HANDICAP ACCESS RAMPS.
2. RAMP DIMENSION SHALL BE 2 FEET FOR DRIVEWAYS AND 4.5 FEET FOR 6" EXPOSED FACE CURBS.



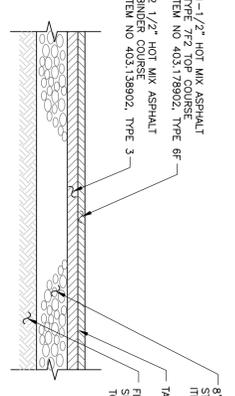
7 CONCRETE CURB
SCALE: NTS

- NOTES:
1. CURB SHALL BE CAST IN PLACE, 4000 PSI @ 28 DAYS CONCRETE WITH RUBBED FINISH.
2. USE CONVENTIONALLY FORMED CLASS A PORTLAND CEMENT CONCRETE.
3. FORMS SHALL BE FREE FROM WARP AND OF SUCH CONSTRUCTION THAT THERE WILL BE NO INTERFERENCE TO INSPECTION FOR GRADE AND ALIGNMENT. ALL FORMS SHALL BE PROPERLY BRACED AND SECURED SO NO DISPLACEMENT WILL OCCUR DURING THE PLACEMENT OF CONCRETE.
4. CURB SHALL BE CAST IN SEGMENTS HAVING A UNIFORM LENGTH OF APPROXIMATELY TEN (10) FEET. THE JOINTS BETWEEN SEGMENTS SHALL NOT EXCEED 1/4" IN WIDTH.
5. EXPANSION JOINTS SHALL BE 3/4" WIDE AND CONTAIN PRE-MOLDED RESILIENT JOINT FILLER. THE JOINTS SHALL BE COATED AT ALL MOMENTS OF TIME DURING THE PLACEMENT OF CONCRETE TO PREVENT THE FILLER FROM ADHERING TO THE FORMS.
6. EXPANSION JOINTS SHALL BE 3/4" WIDE AND CONTAIN PRE-MOLDED RESILIENT JOINT FILLER. THE JOINTS SHALL BE COATED AT ALL MOMENTS OF TIME DURING THE PLACEMENT OF CONCRETE TO PREVENT THE FILLER FROM ADHERING TO THE FORMS.
7. ALL CONSTRUCTION AND MATERIALS USED SHALL MEET THE REQUIREMENTS OF MNSDOT SPECIFICATIONS.

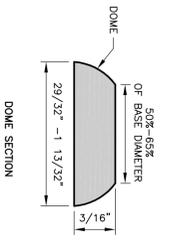


8 MOUNTABLE CURB
SCALE: 1" = 1'-0"

- NOTES:
1. CURB SHALL BE CAST IN PLACE, 4000 PSI @ 28 DAYS CONCRETE WITH RUBBED FINISH.
2. USE CONVENTIONALLY FORMED CLASS A PORTLAND CEMENT CONCRETE.
3. FORMS SHALL BE FREE FROM WARP AND OF SUCH CONSTRUCTION THAT THERE WILL BE NO INTERFERENCE TO INSPECTION FOR GRADE AND ALIGNMENT. ALL FORMS SHALL BE PROPERLY BRACED AND SECURED SO NO DISPLACEMENT WILL OCCUR DURING THE PLACEMENT OF CONCRETE.
4. CURB SHALL BE CAST IN SEGMENTS HAVING A UNIFORM LENGTH OF APPROXIMATELY TEN (10) FEET. THE JOINTS BETWEEN SEGMENTS SHALL NOT EXCEED 1/4" IN WIDTH.
5. EXPANSION JOINTS SHALL BE 3/4" WIDE AND CONTAIN PRE-MOLDED RESILIENT JOINT FILLER. THE JOINTS SHALL BE COATED AT ALL MOMENTS OF TIME DURING THE PLACEMENT OF CONCRETE TO PREVENT THE FILLER FROM ADHERING TO THE FORMS.
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7. ALL CONSTRUCTION AND MATERIALS USED SHALL MEET THE REQUIREMENTS OF MNSDOT SPECIFICATIONS.

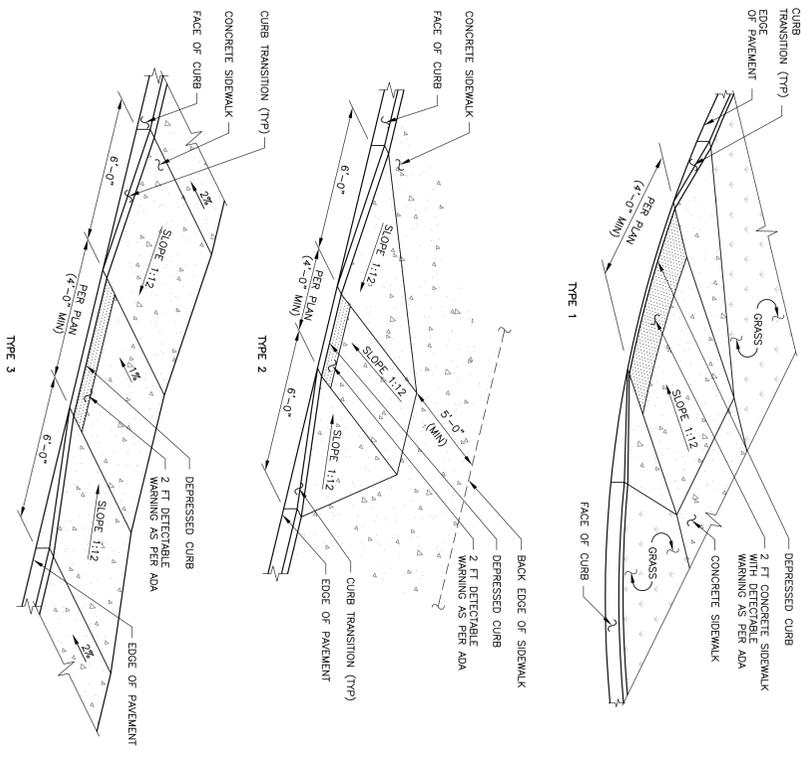
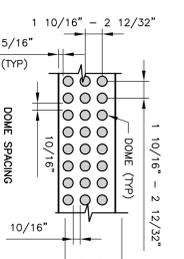


9 PAVEMENT SECTION
SCALE: NTS



4 ACCESSIBLE RAMP
SCALE: NTS

- NOTE:
DETECTABLE WARNING SHALL BE REG. COLORED, PRECAST CONCRETE TILES (SEE SPEC.) INSTALLED BY TRANSPO (314-536-1009).



EXPANSION JOINT
4000 PSI CONCRETE
CLASS A CONCRETE
6" UNLESS OTHERWISE NOTED
R=1-1/2"
TOP OF CURB
BOTTOM OF CURB
TYPE 2 SUBBASE
MNSDOT ITEM 304.12
FRM AND UNYIELDING SUBGRADE ACCEPTABLE TO OWNER'S REPRESENTATIVE

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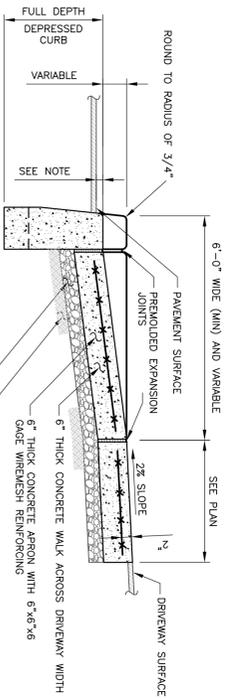
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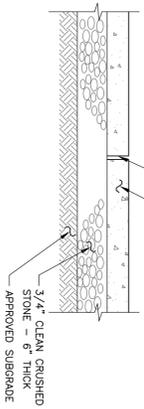
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Forest Hills, NY 11375
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DATE: 02/22/2015
SCALE: AS NOTED
WORK ORDER: 7599.01
DRAWING NO.: C-201
REV: 0

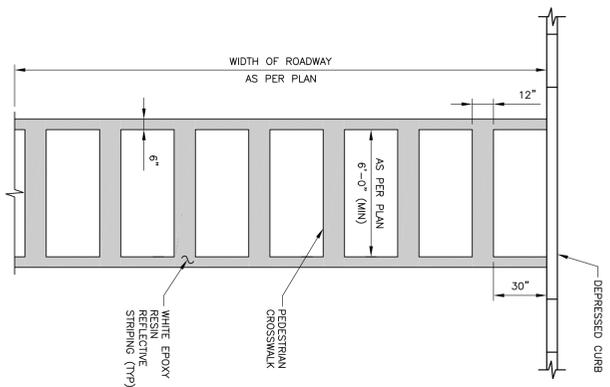


1 DEPRESSED CURB AND APRON
SCALE: NIS

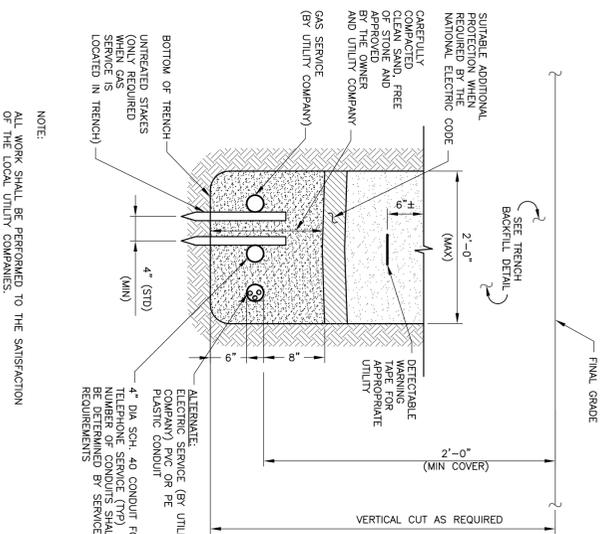
- NOTES:
- SUBGRADE IS TO BE COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
 - PLACEMENT AND FINISHING SHALL BE IN A CONTINUOUS OPERATION.
 - THE CONCRETE SHALL BE FROGGED AND COVERED WITH POLYETHYLENE AND WET CURED MAINTAINING MOISTURE CONTENT WHILE COVERED FOR AT LEAST 9 DAYS.
 - CONCRETE SHALL BE PROTECTED FROM BOTH FREEZING AND PLACEMENT.
 - CONCRETE SHALL NOT BE PLACED ON FROZEN SUBGRADE SOILS.
 - ALL EDGES SHALL BE ROUNDED AND GIVEN A STEEL TROWEL FINISH.
 - EXPANSION JOINTS ARE TO BE 1/2" WIDE AND FILLED WITH PREFORMED BRUNNOLUS TYPE JOINT FILLER. THE TOP OF ALL JOINT FILLER SHALL BE BELOW THE TOP OF THE SURFACE. EXPANSION JOINTS SHALL BE LOCATED 24' (MAX) ON CENTER.
 - PROVIDE 2"x2"x2" THICK PAD WITHOUT REINFORCING FOR SOLAR POWERED PARKING METERS.



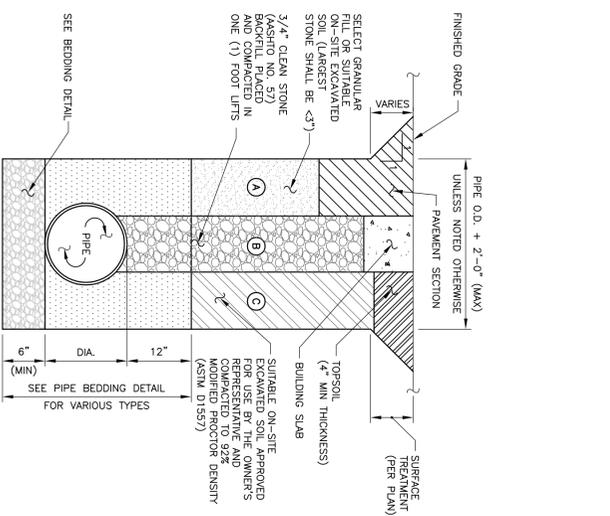
2 CONCRETE PAD
SCALE: 1" = 1'-0"



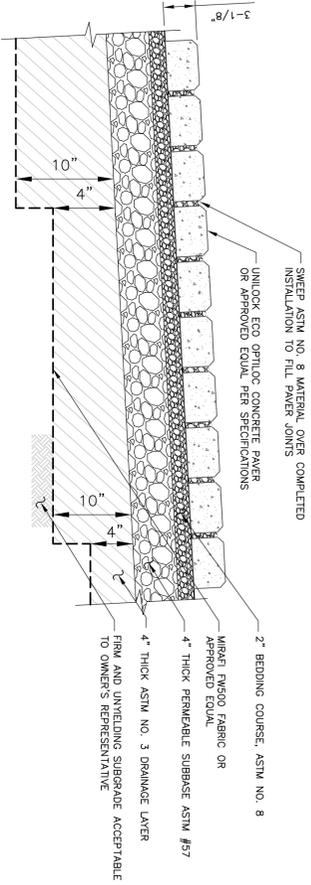
3 PEDESTRIAN CROSSWALK
SCALE: 1/4" = 1'-0"



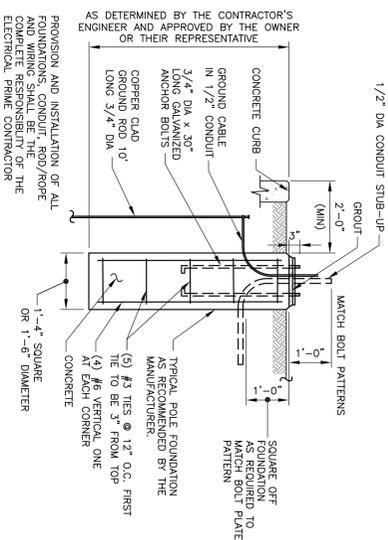
4 UTILITY BEDDING
SCALE: NIS



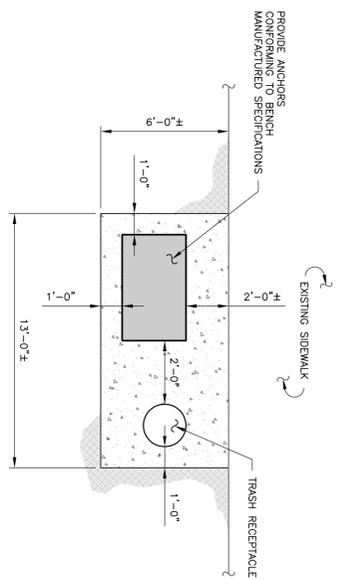
5 TRENCH BACKFILL
SCALE: NIS



6 PERMEABLE CONCRETE PAVER BEDDING
SCALE: NIS



7 SITE LIGHT FOUNDATION
SCALE: 1/2" = 1'-0"



8 BENCH & TRASH RECEPTACLE PAD LAYOUT
SCALE: NIS

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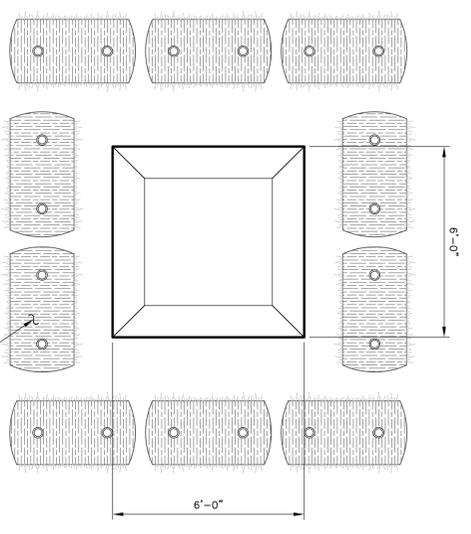
Rev	Date	Revision	Approved

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Designed By	CO	Drawn By	Checked By

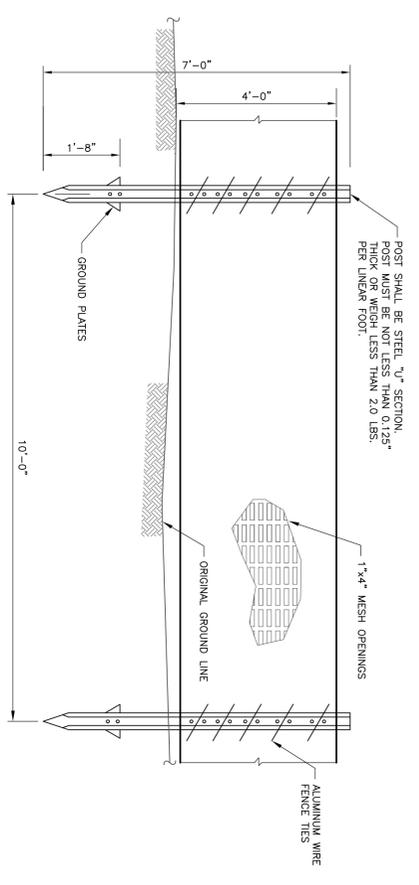
DETAILS			
Date	Work Order	Drawing No.	Rev
05/22/2015	7599.01	C-202	0

SUSTAINABLE MAPLE DRIVE PARKING LOT VILLAGE OF GREAT NECK PLAZA NASSAU COUNTY, NEW YORK			

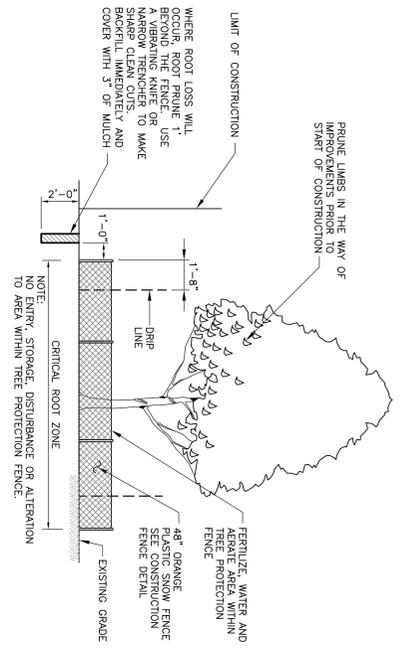
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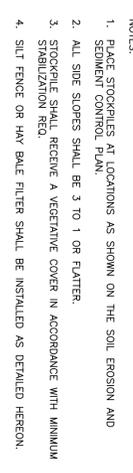
1 TEMPORARY CONCRETE WASH
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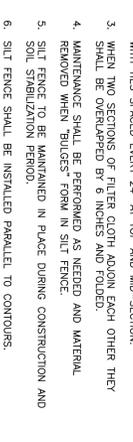
2 TREE PROTECTION AND PRUNING
SCALE: NTS



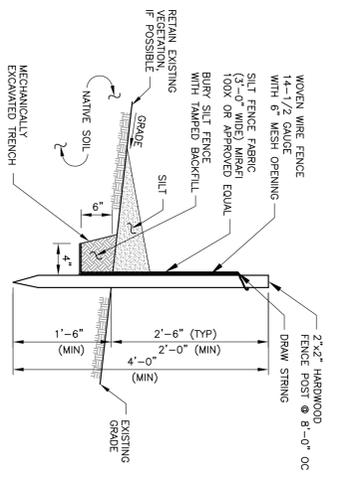
3 STABILIZED CONSTRUCTION ENTRANCE
SCALE: 3/8\"/>



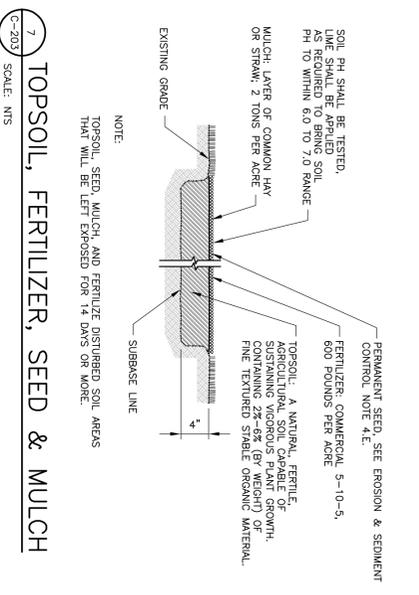
4 CONSTRUCTION FENCE (PLASTIC)
SCALE: NTS



5 TOPSOIL STOCKPILE
SCALE: NTS



6 SILT FENCE
SCALE: NTS



7 TOPSOIL, FERTILIZER, SEED & MULCH
SCALE: NTS

- NOTES:
- FENCING TO BE PLACED LIBERALLY ALONG LIMIT OF CLEARING, AND AS SHOWN ON PLAN AND AS REQUIRED BY REFERRED DETAILS.
 - MESH COLOR TO BE BLAZE ORANGE.

- TREE PROTECTION NOTES:
- THE TREE PROTECTION AND PRESERVATION GUIDELINES ADOPTED PURSUANT TO THE LAND DEVELOPMENT REGULATIONS OF THE MUNICIPALITY WILL BE IMPLEMENTED IN ORDER TO PROTECT AND PRESERVE BOTH INDIVIDUAL SPECIMEN TREES AND BUFFER EXISTING TREES TO REMAIN. STEPS AS FOLLOWS:
- NO CONSTRUCTION EQUIPMENT SHALL BE PARKED UNDER THE TREE CANOPY.
 - THERE WILL BE NO EXCAVATION OR STOCKPILING OF EARTH UNDERNEATH THE TREES.
 - TREES DESIGNATED TO BE PRESERVED SHALL BE MARKED CONSPICUOUSLY ON ALL SIDES AT A 5 TO 10 FOOT HEIGHT.
 - THE TREE PROTECTION ZONE FOR TREES DESIGNATED TO BE PRESERVED WILL BE ESTABLISHED BY ONE OF THE FOLLOWING METHODS:
 - ONE (1) FOOT RADIUS FROM TRUNK PER INCH DBH.
 - DMP LINE OF THE TREE CANOPY. THE METHOD CHOSEN SHOULD BE BASED ON PROVIDING THE MAXIMUM PROTECTION ZONE POSSIBLE. A BARRIER OF F. ...
 - BEYOND THE ESTABLISHED TREE PROTECTION ZONE, IF IT IS AGREED THAT THE TREE PROTECTION ZONE OF A SELECTED TREE MUST BE VIOLATED, ONE ...
 - UP TO THE MAXIMUM MINIMUM OF EIGHT (8) CHIPS OF ROOT CHIPS SHALL BE INSTALLED IN THE AREAS TO BE PROTECTED. CHIPS SHALL BE REMOVED UPON COMPLETION OF WORK.
 - LIGHT IMPACTS ONLY - INSTALLATION OF 3/4 INCH OF PLYWOOD OR BOARDS, OR EQUAL OVER THE AREA TO BE PROTECTED.
 - SEPARATE PAVEMENT WILL NOT BE MADE FOR THIS WORK.

- NOTES:
- PLACE STOPPIQUES AT LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
 - ALL SIDE SLOPES SHALL BE 3 TO 1 OR FLATTER.
 - STOCKPILE SHALL RECEIVE A VEGETATIVE COVER IN ACCORDANCE WITH MINIMUM STABILIZATION REQ.
 - SILT FENCE OR HAY BALE FILTER SHALL BE INSTALLED AS DETAILED HEREON.

- NOTES:
- WOVEN WIRE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLED.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>

- NOTES:
- TOPSOIL, SEED, MULCH, AND FERTILIZER DISTURBED SOIL AREAS THAT WILL BE LEFT EXPOSED FOR 14 DAYS OR MORE:
- PERMANENT SEED. SEE EROSION & SEDIMENT CONTROL NOTE 4.E.
 - FERTILIZER, COMMERCIAL. 5-10-5, 600 POUNDS PER ACRE.
 - TOPSOIL. A NATURAL, FERTILE, AGRICULTURAL SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH, CONTAINING 2%-8% (BY WEIGHT) OF FINE TEXTURED STABLE ORGANIC MATERIAL.
 - MULCH: LAYER OF COMMON HAY OR STRAW. 2 TONS PER ACRE.

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Rev	Date	Revision	Approved

DRAWING CONTROL			
Designed By:	CO	Drawn By:	Checked By:

Date	Work Order	Drawing No.	Rev
05/22/2015	7599.01	C-203	0

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