

Appendix "A"

Village Construction Standards



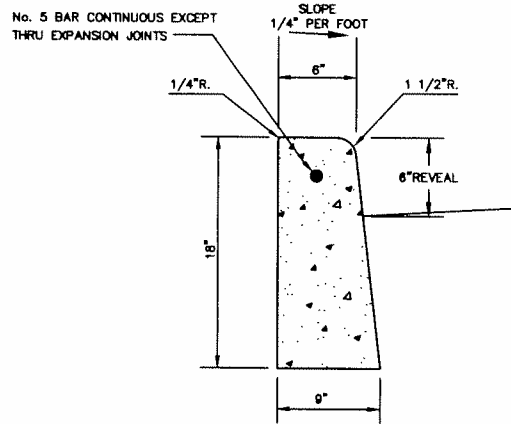
INCORPORATED VILLAGE OF ISLANDIA

1100 OLD NICHOLS ROAD
ISLANDIA, NEW YORK 11788

SUFFOLK COUNTY, NEW YORK

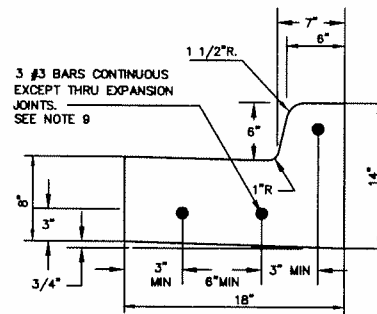
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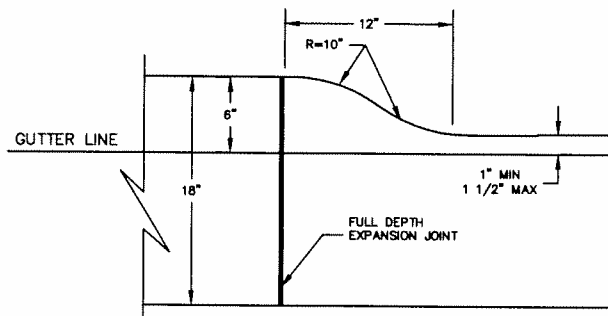
STANDARD CURB

N.T.S.



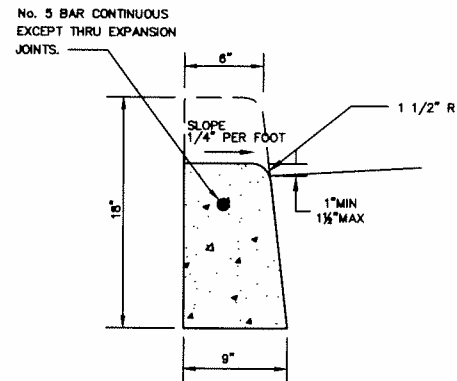
STANDARD CURB AND GUTTER

N.T.S.



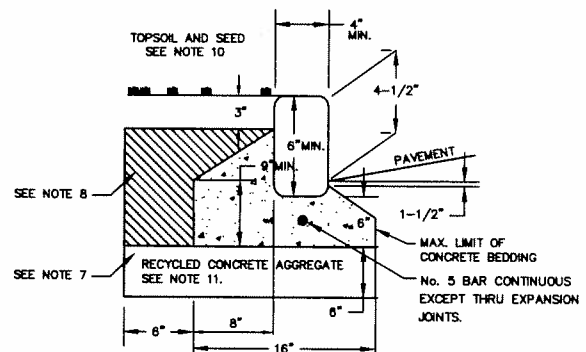
STANDARD DROP CURB

N.T.S.



STANDARD FLUSH CURB

N.T.S.



STANDARD BELGIAN BLOCK CURB

N.T.S.

NOTES:

1. ALL CONCRETE SHALL BE AIR ENTRAINED WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
2. FOR LOCATION OF CURB FROM PROPERTY LINE SEE STANDARD ROAD SECTION.
3. STEEL FORMS OR EQUAL SHALL BE USED.
4. FULL DEPTH EXPANSION JOINTS 1/2" THICK 20' O.C. SHALL BE USED.
5. ALL CONCRETE SHALL BE TAMPED IN PLACE. NO HONEYCOMB SHALL BE ACCEPTED.
6. ALL EDGES SHALL BE TOOL ROUNDED.
7. PRUNE AND REMOVE ALL ROOTS AND OTHER UNSUITABLE SUBGRADE MATERIALS AND REPLACE WITH COMPACTED MATERIAL.
8. PRUNE AND REMOVE ALL ROOTS AND OTHER UNSUITABLE MATERIALS AND BACKFILL.
9. CONTRACTOR MAY SUBSTITUTE WELDED WIRE MESH 6"x6" #6 GAUGE IN PLACE OF 3 #3 BARS SUBJECT TO VILLAGE APPROVAL.
10. TOPSOIL AND SOD MAY BE REQUIRED AS ORDERED BY ENGINEER.
11. CONTRACTOR SHALL PROVIDE SUPPLIER AND GRADATION ANALYSIS FOR RECYCLED CONCRETE AGGREGATE FOR REVIEW AND APPROVAL BY THE VILLAGE ENGINEER. FIELD COMPACTION SHALL BE 95% OF DESIGN DENSITY.

VILLAGE OF ISLANDIA

SUFFOLK COUNTY, NEW YORK

APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:

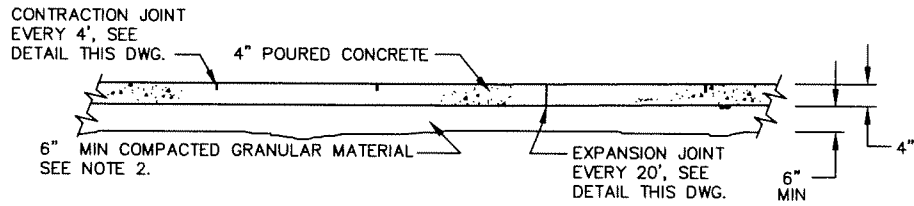
JANUARY 2010

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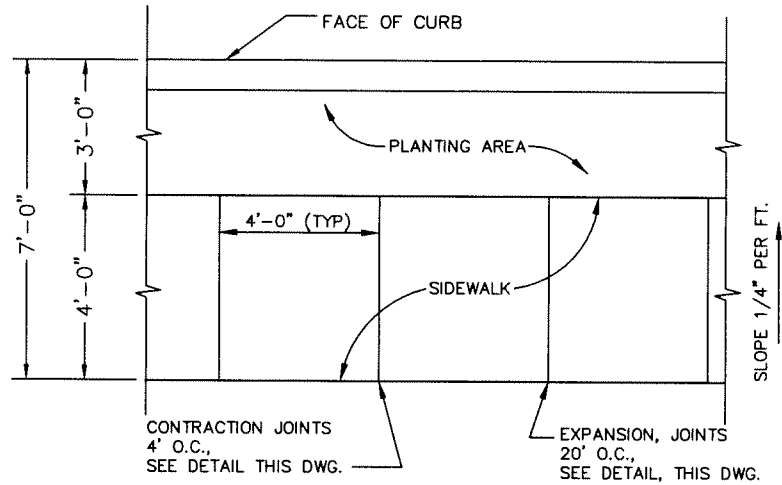
CURB

DETAIL NO:

1



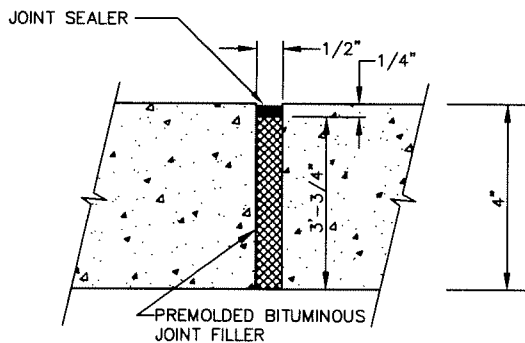
SECTION



PLAN

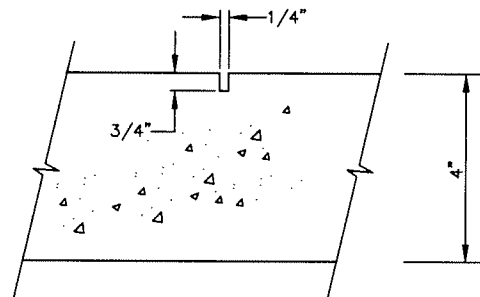
CONCRETE SIDEWALK

N.T.S.



EXPANSION JOINT

N.T.S.



CONTRACTION JOINT

N.T.S.

NOTES:

1. ALL CONCRETE SHALL BE AIR ENTRAINED WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I.
2. SUBBASE SHALL BE GRANULAR WITH 12% MAXIMUM PASSING THE 200 SIEVE. THE SUBBASE SHALL NOT HAVE CLAYS OR ORGANIC MATERIAL.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

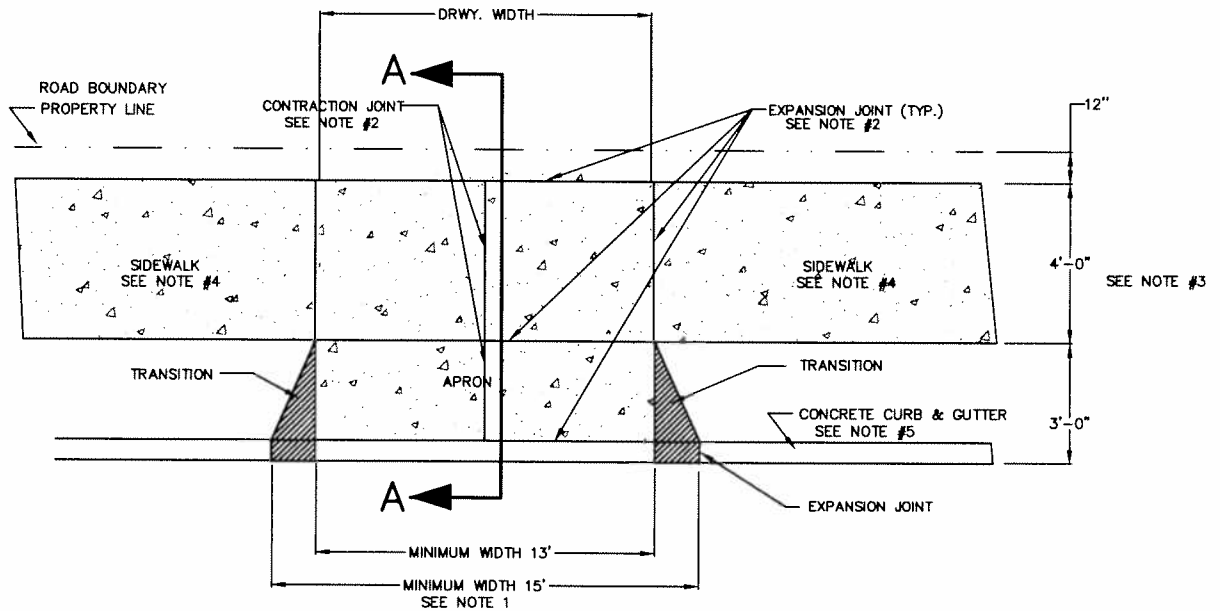
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

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JANUARY 2010

DETAIL NAME:
CONCRETE SIDEWALK

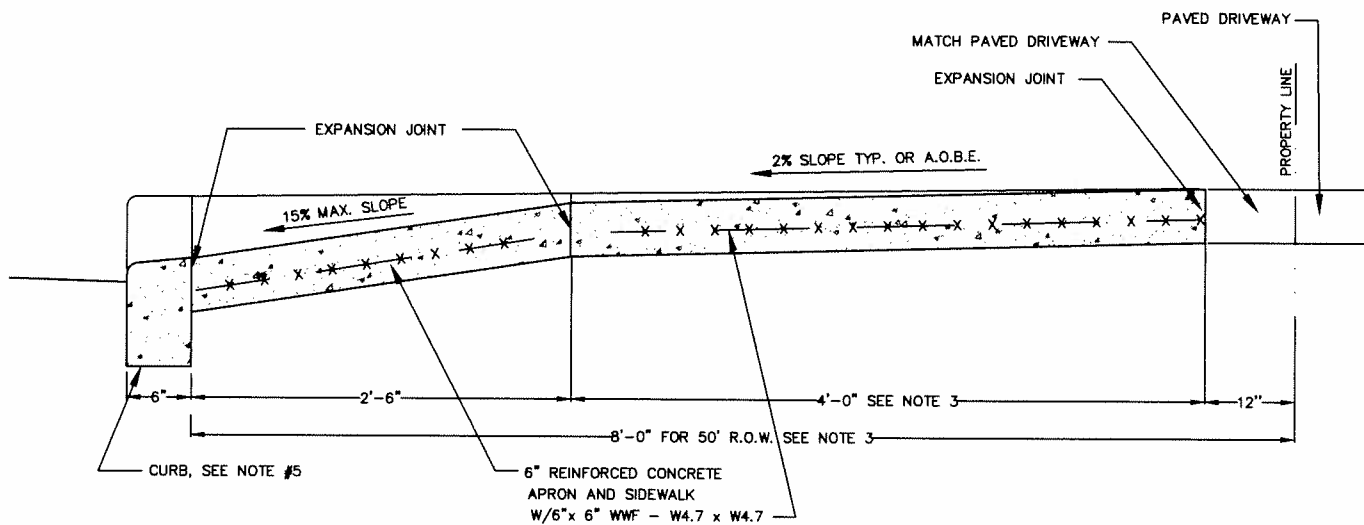
DETAIL NO:

2



PLAN

N.T.S.



SECTION A-A

N.T.S.

NOTES:

1. FOR COMMERCIAL USE MIN. WIDTH SHALL BE 30'.
2. SEE "CONCRETE SIDEWALK" CONSTRUCTION STANDARD DETAILS "A" AND "B" FOR EXPANSION AND CONTRACTION JOINTS.
3. DISTANCES VARY WITH RIGHT OF WAY WIDTHS, SEE RESIDENTIAL ROAD CONSTRUCTION STANDARDS.
4. FOR SIDEWALK SEE "CONCRETE SIDEWALK" CONSTRUCTION STANDARDS.
5. SEE CURB CONSTRUCTION STANDARDS.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

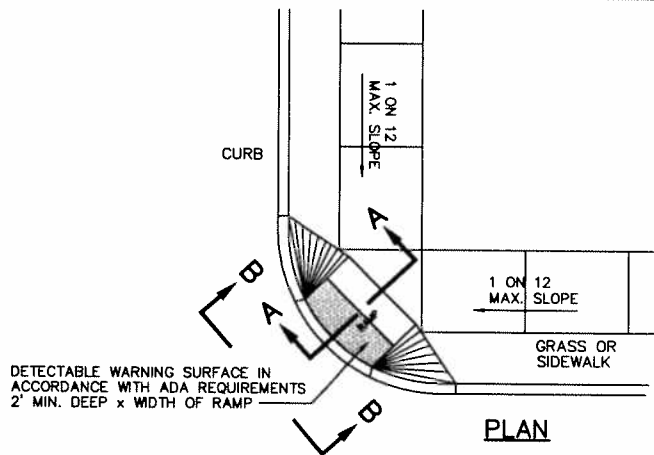
APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

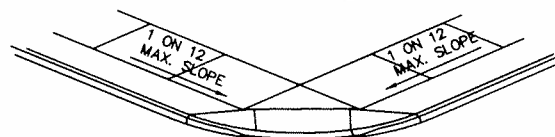
DETAIL NAME:
**CONCRETE APRON
RESIDENTIAL USE ONLY**

DETAIL NO:

3



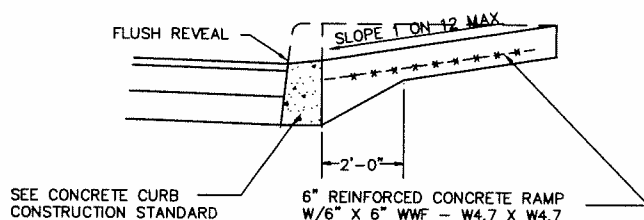
PLAN



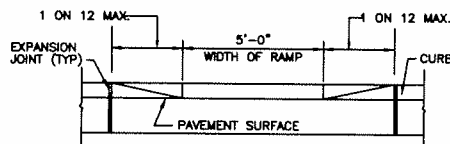
ISOMETRIC

SIDEWALK RAMP AT CORNER

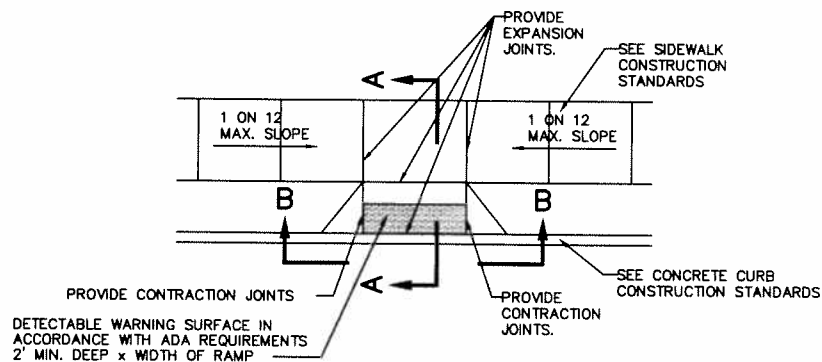
N.T.S.



SECTION A-A



SECTION B-B



PLAN

SIDEWALK RAMP AT MID BLOCK

N.T.S.

SIDEWALK RAMP NOTES:

1. DETECTABLE WARNING SHALL BE INSTALLED AT ALL SIDEWALK RAMPS IN ACCORDANCE WITH ADA REQUIREMENTS AND AS SHOWN ON NYSDOT STANDARD DETAIL SHEET M608-5R2-DETECTABLE WARNING DETAILS.
2. IF PEDESTRIAN ACTIVATED SIGNALS ARE REQUIRED, THESE SHALL BE LOCATED ADJACENT TO THE SIDEWALK AND NOT ON THE SIDEWALK RAMPS.
3. IF STOP SIGNS AND STOP LINES ARE REQUIRED, PLACE THE STOP SIGN AND STOP BAR IN ADVANCE OF SIDEWALK RAMPS.
4. WHERE REQUIRED PROVIDE DRAINAGE CATCH BASINS UPSTREAM OF SIDEWALK RAMPS AND NOT IN THE RAMP AREA.
5. THE NORMAL PAVEMENT EDGE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP.
6. SEE CONCRETE SIDEWALK CONSTRUCTION STANDARDS FOR EXPANSION JOINT AND CONTRACTION JOINT DETAILS.

VILLAGE OF ISLANDIA

SUFFOLK COUNTY, NEW YORK

APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

DATE:

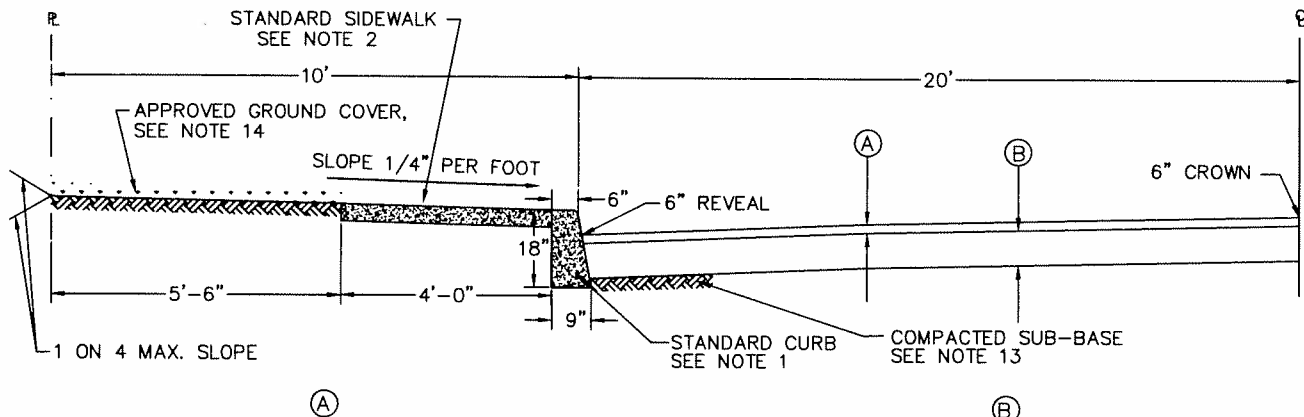
JANUARY 2010

DETAIL NAME:

SIDEWALK RAMP

DETAIL NO:

4

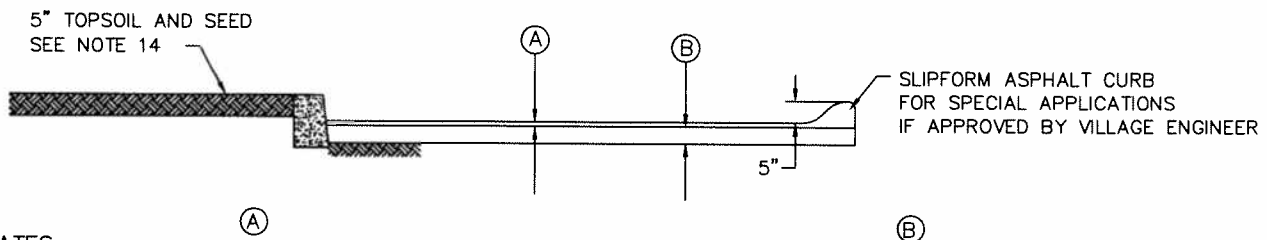


ALTERNATES

- | | |
|--|--|
| 1. 1 1/2" N.Y.S. TYPE 6FRA ASPHALT CONCRETE TOP COURSE | 4" N.Y.S. TYPE 1 ASPHALT CONCRETE TOP COURSE |
| 2. 2" N.Y.S. TYPE 6FRA ASPHALT CONCRETE TOP COURSE | 5" DENSE GRADED AGGREGATE |
| 3. 2" N.Y.S. TYPE 6FRA ASPHALT CONCRETE TOP COURSE | 8" RECYCLED CONCRETE AGGREGATE |

INDUSTRIAL ROAD

SEE NOTE 3
N.T.S.



ALTERNATES

- | | |
|--|--|
| 1. 1 1/2" N.Y.S. TYPE 6F ASPHALT CONCRETE TOP COURSE | 5" DENSE GRADED AGGREGATE ASPHALT CONCRETE BASE COURSE |
| 2. 1" N.Y.S. TYPE 6F ASPHALT CONCRETE TOP COURSE | 4" N.Y.S. TYPE 1 ASPHALT CONCRETE BASE COURSE |

PARKING FIELD

SEE NOTE 3.
N.T.S.

NOTES

- FOR CURB STANDARDS SEE CURB CONSTRUCTION STANDARDS.
- FOR CONCRETE SIDEWALK SEE CONCRETE SIDEWALK CONSTRUCTION STANDARDS
- ALL ASPHALT CONCRETE AND BASE MATERIALS REQUIRE CERTIFICATION FROM STATE APPROVED PLANTS
- ALL ROAD SECTIONS SHALL BE AS SHOWN AND SYMMETRICAL ABOUT CENTER LINE.
- ALL POLES, HYDRANTS, ETC. SHALL BE PLACED WITHIN THE SEEDED SIDEWALK AREA, THE FACES SUCH POLES, HYDRANTS, ETC. SHALL NOT BE MORE THAN 1'-0" FROM THE EDGE OF THE TRAVEL WAY OR FACE OF CURB.
- ALL UTILITIES - SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF SUB-BASE.
- ROAD SECTIONS FOR WIDTHS OTHER THAN THOSE SHOWN, OR FOR SPECIAL TOPOGRAPHICAL CONDITIONS, REQUIRE APPROVAL FROM VILLAGE ENGINEER.
- CONCRETE CURBS SHALL BE REQUIRED ON ALL STREETS.
- FIELD COMPACTION OF ASPHALT SHALL BE 95% OF DESIGN DENSITY. A LABORATORY SPECIMEN MADE IN THE PROPORTIONS OF THE JOB MIX FORMULA FOR EACH CLASS MIX COMPACTED BY 75 BLOWS ON EACH FACE OF A 2 1/2" THICK SPECIMEN BY A STANDARD MARSHALL HAMMER SHALL BE THE STANDARD FOR DENSITY COMPARISON.
- ASPHALT SURFACES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 100 P.S.I.
- THE MINIMUM C.B.R. VALUE OF 6" GRANULAR SUBBASE SHALL BE 80.
- THE MINIMUM C.B.R. VALUE OF SUBBASE SHALL BE 20.
- SUBBASE SHALL BE GRANULAR WITH 12% MAXIMUM PASSING THE 200 SIEVE. THE SUBBASE SHALL NOT HAVE CLAYS OR ORGANIC MATERIAL. CONTRACTOR SHALL PROVIDE SUPPLIER AND GRADATIONS ANALYSIS FOR DENSE GRADED AGGREGATE AND RECYCLED CONCRETE AGGREGATE FOR REVIEW AND APPROVAL BY THE VILLAGE ENGINEER. FIELD COMPACTION SHALL BE 95% OF PROCTOR DENSITY.
- THE VILLAGE MAY REQUIRE TOPSOIL AND SOD.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

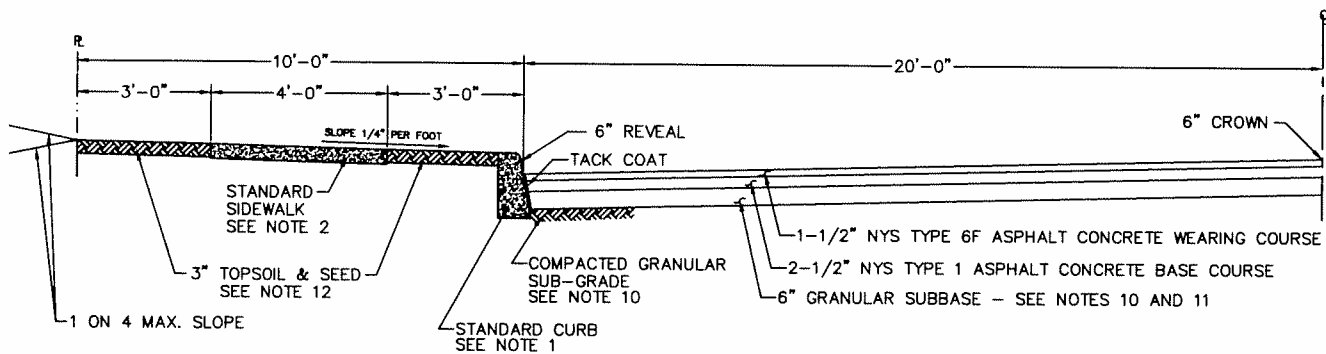
APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
INDUSTRIAL ROAD
PARKING FIELD

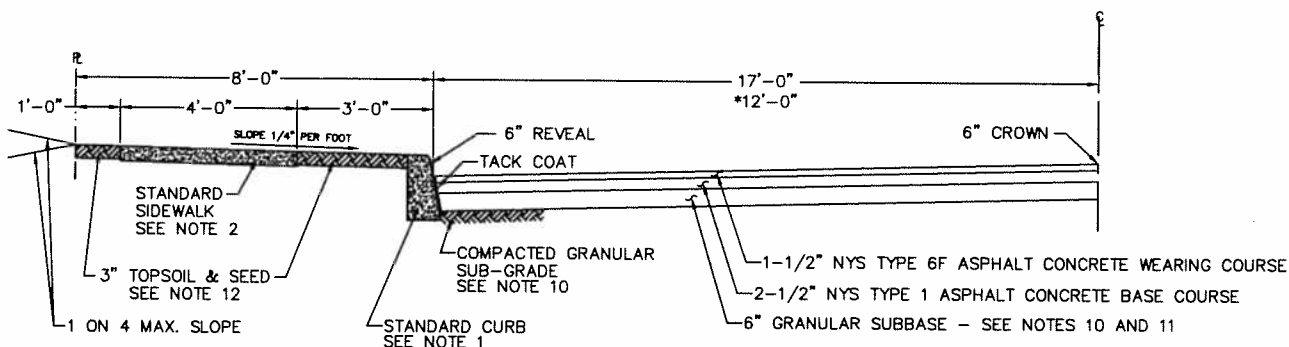
DETAIL NO:

5



60' R.O.W.

SEE NOTE 3
N.T.S.



50' R.O.W.

*40' R.O.W.

SEE NOTE 3
N.T.S.

NOTES

- FOR CURB STANDARDS SEE CURB CONSTRUCTION STANDARDS
- FOR CONCRETE SIDEWALK SEE CONCRETE SIDEWALK CONSTRUCTION STANDARDS.
- ALL ASPHALT CONCRETE AND BASE MATERIALS ARE TO BE PRODUCED AT STATE APPROVED PLANTS.
- ALL ROAD SECTIONS SHALL BE AS SHOWN AND SYMMETRICAL ABOUT CENTER LINE.
- ALL POLES, HYDRANTS, ETC. SHALL BE PLACED WITHIN THE SEEDED SIDEWALK AREA, THE FACES OF SUCH POLES, HYDRANTS, ETC. SHALL BE A MINIMUM OF 18" FROM THE EDGE OF THE TRAVEL WAY OR FACE OF CURB.
- ALL UTILITIES - SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF SUB-BASE.
- ROAD SECTIONS FOR WIDTHS OTHER THAN THOSE SHOWN, OR FOR SPECIAL TOPOGRAPHICAL CONDITIONS, REQUIRE APPROVAL FROM VILLAGE ENGINEER.
- CONCRETE CURBS SHALL BE REQUIRED ON ALL STREETS.
- FIELD COMPACTION OF ASPHALT SHALL BE 95% OF DESIGN DENSITY. A LABORATORY SPECIMEN MADE IN THE PROPORTIONS OF THE JOB MIX FORMULA FOR EACH CLASS MIX COMPACTED BY 75 BLOWS ON EACH FACE OF A 2 1/2" THICK SPECIMEN BY A STANDARD MARSHALL HAMMER SHALL BE THE STANDARD FOR DENSITY COMPARISON.
- THE SUBGRADE AND THE SUBBASE SHALL BE GRANULAR WITH 12% MAXIMUM PASSING THE 200 SIEVE. THE SUBBASE SHALL NOT HAVE CLAYS OR ORGANIC MATERIAL.
- GRANULAR SUBBASE SHALL BE COMPACTED TO 95% OF PROCTOR DENSITY.
- THE VILLAGE MAY REQUIRE TOPSOIL AND SOD.

VILLAGE OF ISLANDIA

SUFFOLK COUNTY, NEW YORK

APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

DATE:

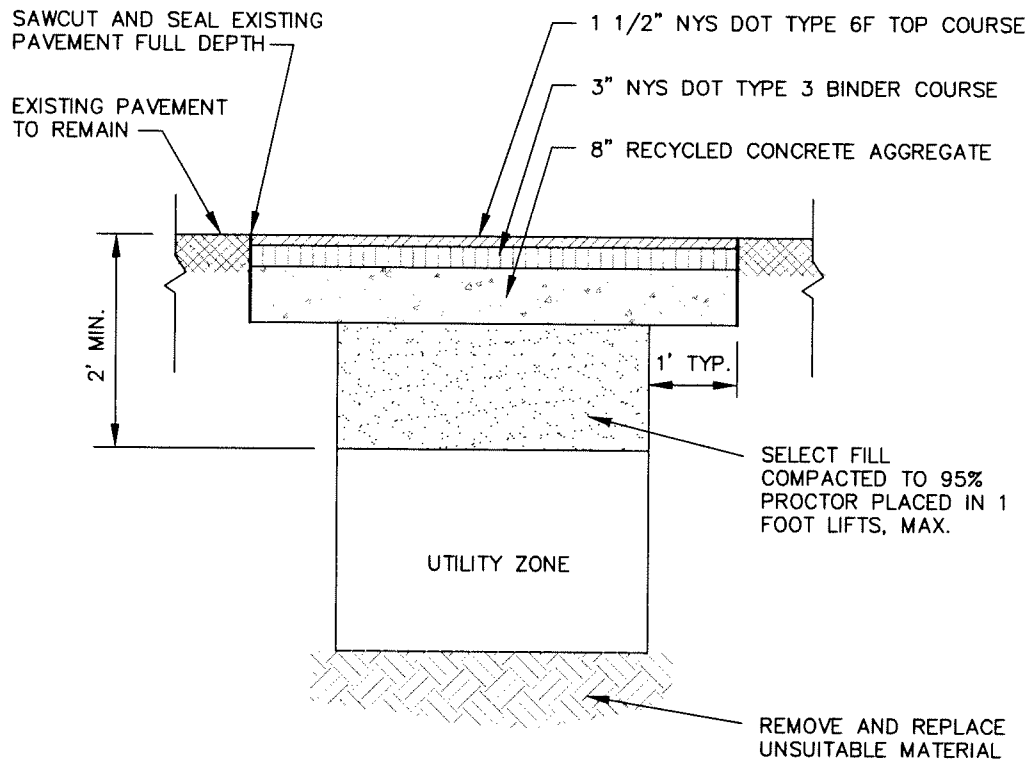
JANUARY 2010

DETAIL NAME:

RESIDENTIAL ROAD

DETAIL NO:

6



SECTION VIEW
N.T.S.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

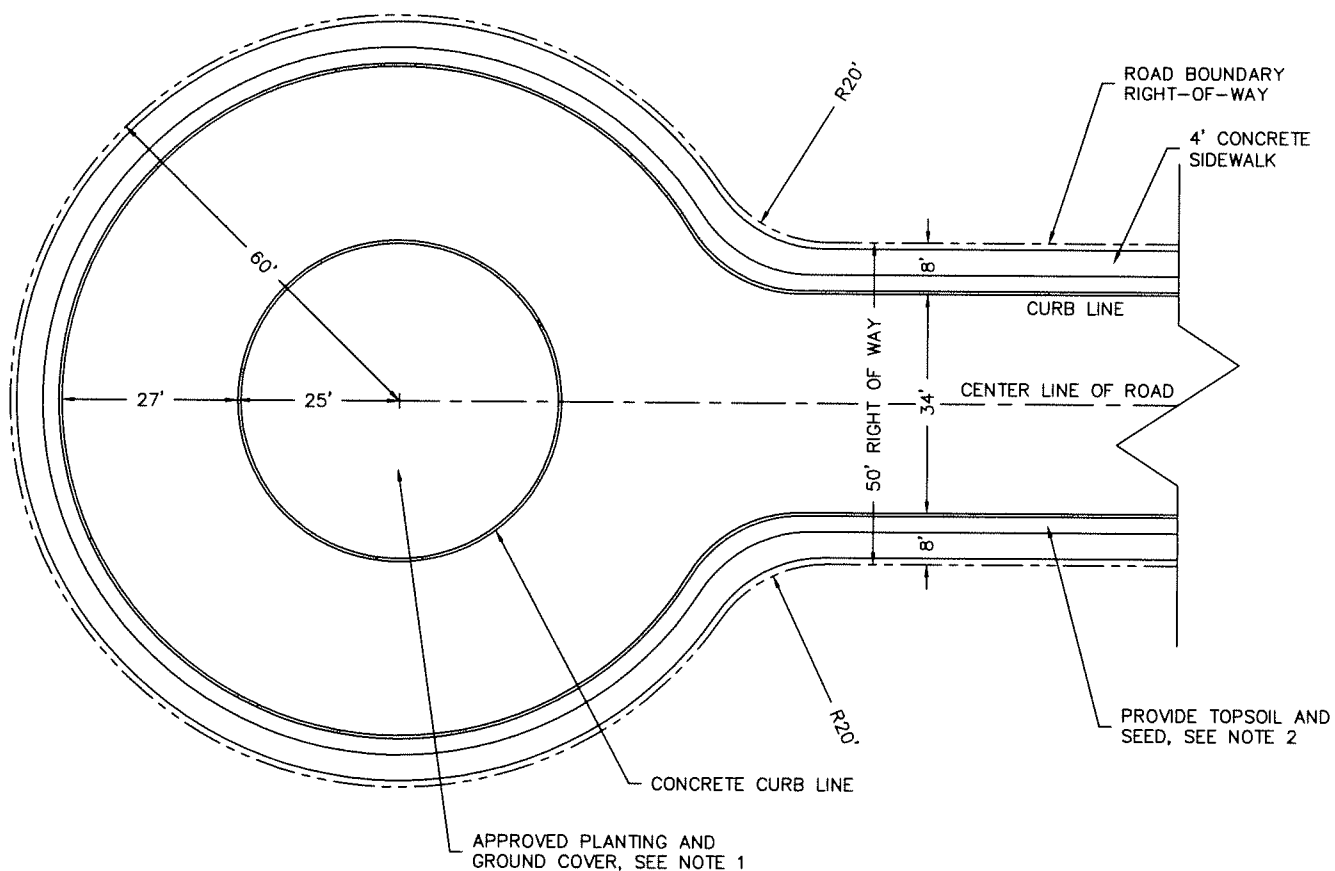
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
PAVEMENT RESTORATION

DETAIL NO:

7



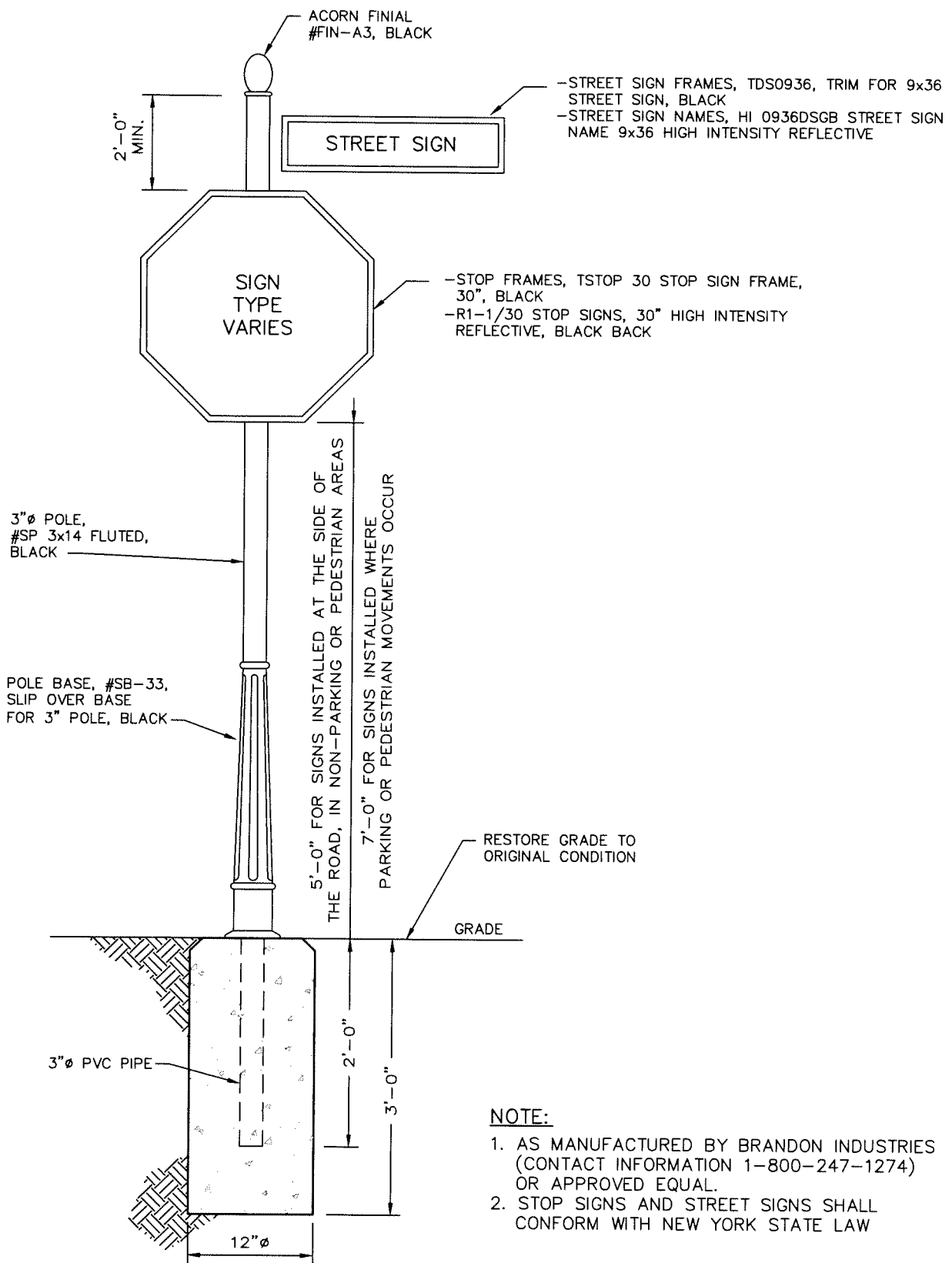
NOTES:

1. PLANTING ALTERNATIVES ARE SUBJECT TO VILLAGE ENGINEER'S APPROVAL.
2. THE VILLAGE MAY REQUIRE TOPSOIL AND SOD.

CUL-DE-SAC

N.T.S.

VILLAGE OF ISLANDIA SUFFOLK COUNTY, NEW YORK	APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS		DETAIL NO:
	DATE: JANUARY 2010	DETAIL NAME: CUL-DE-SAC, 50' R.O.W.	8



VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:

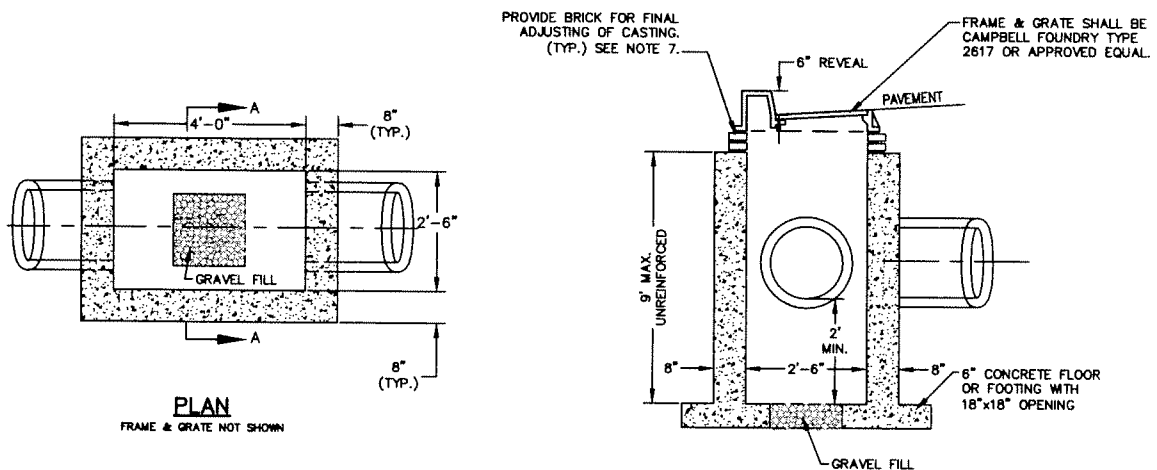
JANUARY 2010

DETAIL NAME:

SIGN POLE

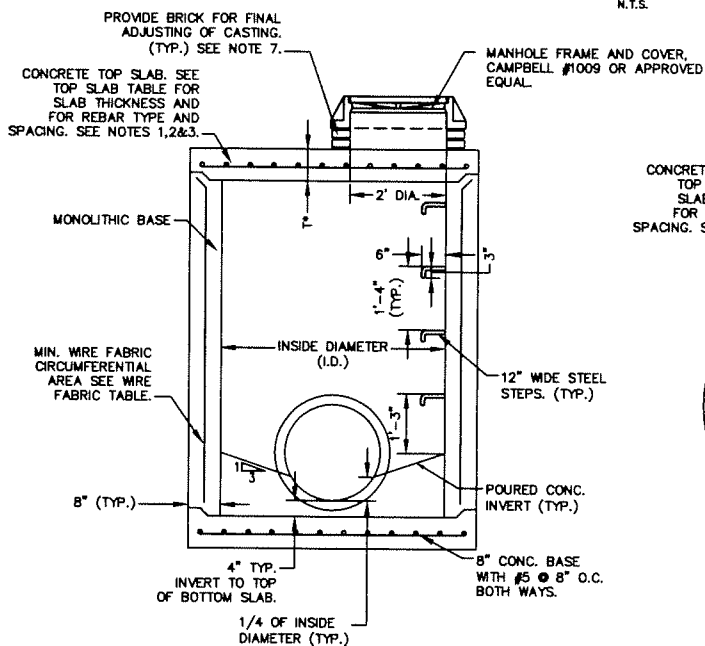
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9



CATCH BASIN

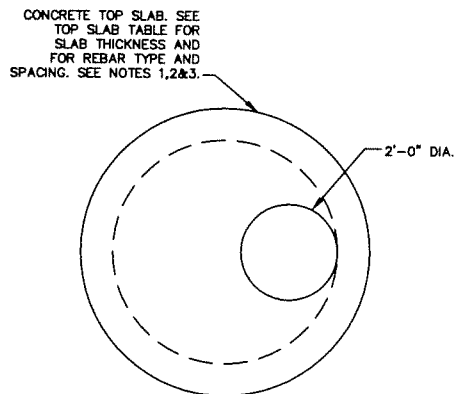
N.T.S.



SECTIONAL VIEW

MANHOLE

N.T.S.



MANHOLE TOPSLAB

WIRE FABRIC TABLE

I.D.	SI/LF
48"	0.120
60"	0.150
72"	0.180
84"	0.210
90"	0.225

TOP SLAB TABLE

I.D.	T"	MINIMUM REINFORCEMENT
48"	8"	#5 BARS @ 9"C.C
60"	8"	#5 BARS @ 7"C.C
72"	9"	#5 BARS @ 7"C.C
84"	9"	#5 BARS @ 6"C.C
90"	9"	#5 BARS @ 6"C.C

CATCH BASIN AND MANHOLE NOTES:

1. ALL MANHOLES SHALL BE DESIGNED TO CONFORM WITH ASTM C-478, STANDARD SPECIFICATIONS FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS LATEST EDITION.
2. ALL CATCH BASINS AND MANHOLES SHALL BE DESIGNED TO CONFORM WITH AASHTO H-20 LOADING.
3. CERTIFICATIONS FROM THE MANUFACTURER / SUPPLIER OF CONFORMANCE WITH THE STANDARDS OF ASTM C-478 AND AASHTO H-20 LOADING SHALL BE REQUIRED TO BE SUBMITTED TO THE VILLAGE. STANDARDS OF ASTM C-478 AND AASHTO H-20 LOADING SHALL BE REQUIRED TO BE SUBMITTED TO THE VILLAGE.
4. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
5. FRAME AND GRATE OR COVER SHALL RECEIVE TWO COATS OF ASPHALT PAINT.
6. WHERE APPLICABLE AND WITH VILLAGE APPROVAL, ALL SURFACE INLETS SHALL BE CAMPBELL FOUNDRY TYPE 3408 OR EQUAL.
7. THE DEPTH OF BRICK PROVIDED SHALL BE 4" MIN., 12" MAX.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

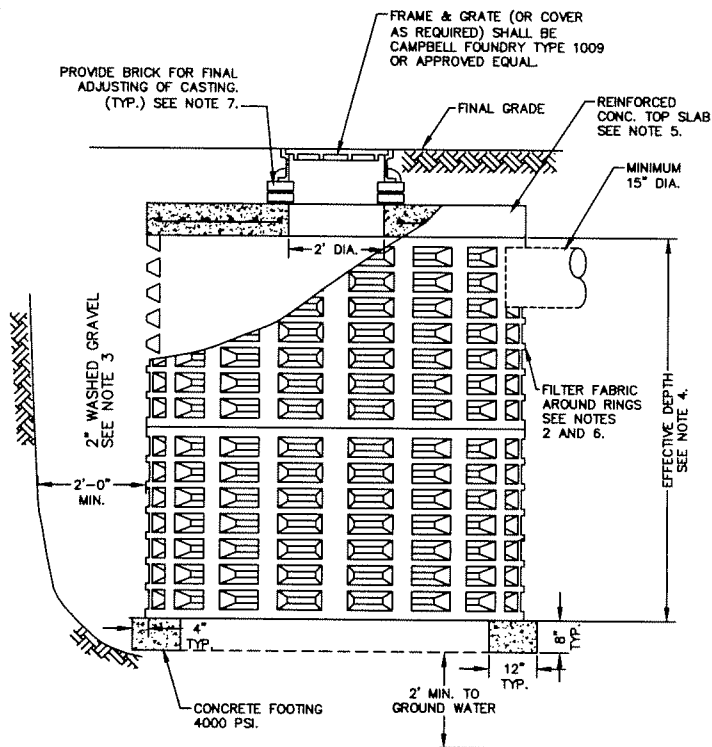
APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
CATCH BASIN AND MANHOLE

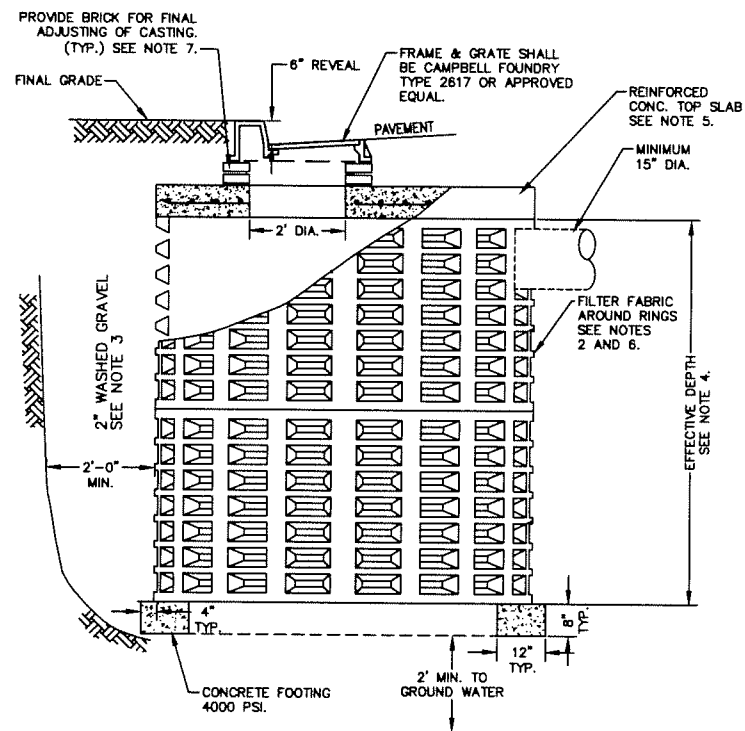
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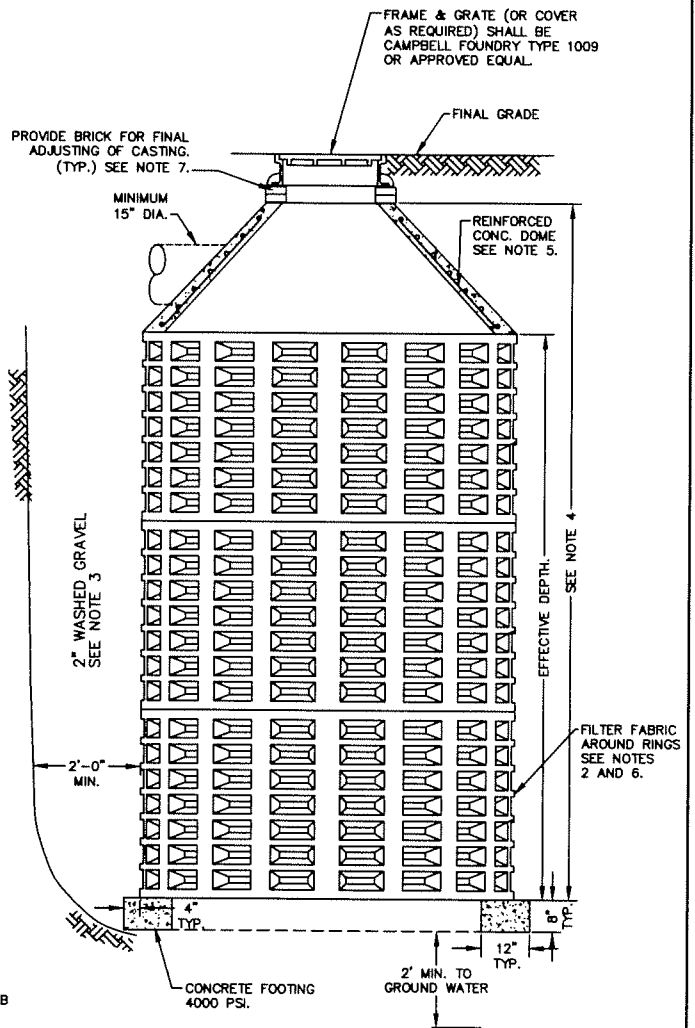
LEACHING POOL WITH TOP SLAB

N.T.S.



LEACHING POOL WITH CURB INLET

N.T.S.



LEACHING POOL WITH DOME

N.T.S.

LEACHING POOL NOTES:

1. ALL POOLS SHALL HAVE SURFACE ACCESS.
2. WHEN MORE THAN 1 SHEET OF FILTER FABRIC IS USED, THE MINIMUM OVERLAP SHALL BE 18 INCHES.
3. GRAVEL MAY BE OMITTED BY PROVIDING SOIL BORINGS AND SUBJECT TO VILLAGE ENGINEER'S APPROVAL.
4. MAXIMUM POOL DEPTH SHALL BE 15 FEET.
5. TOP SLAB AND DOME SHALL BE DESIGNED TO CONFORM WITH AASHTO H-20 LOADING. CERTIFICATIONS FROM THE MANUFACTURER / SUPPLIER ON CONFORMANCE WITH AASHTO H-20 LOADING SHALL BE REQUIRED TO BE SUBMITTED TO THE VILLAGE.
6. FILTER FABRIC SHALL BE REMAY INC. TYPE 3601 OR APPROVED EQUAL.
7. THE MINIMUM DEPTH OF BRICK PROVIDED SHALL BE 4". THE MAXIMUM DEPTH OF BRICK PROVIDED SHALL BE 12".

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

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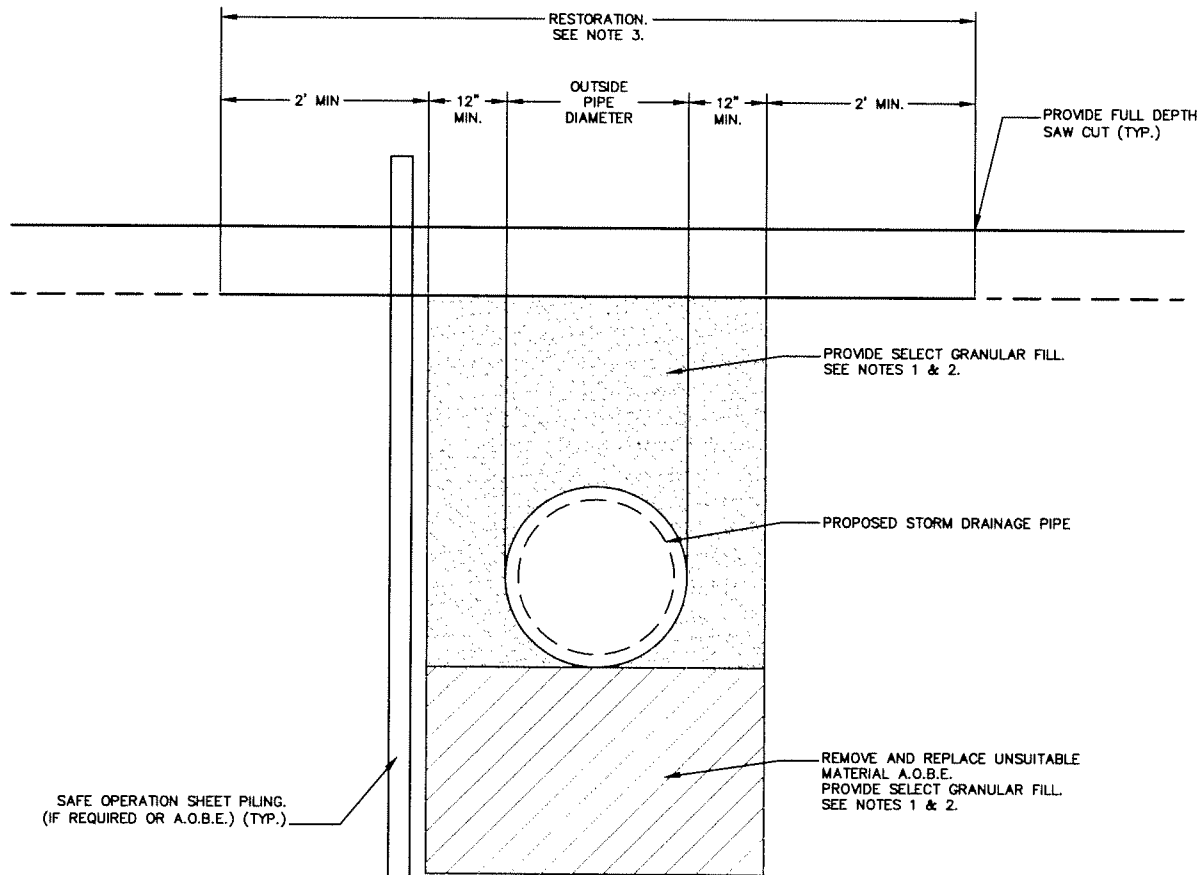
DATE:
JANUARY 2010

DETAIL NAME:

LEACHING POOLS

DETAIL NO:

11



PIPE INSTALLATION

N.T.S.

TRENCH DETAIL NOTES:

1. THE SELECT GRANULAR FILL SHALL BE COMPACTED TO 95% MIN. PROCTOR DENSITY IN 6" LIFTS.
2. SELECT GRANULAR FILL SHALL BE GRANULAR WITH A MAXIMUM OF 12% PASSING THE 200 SIEVE. THE FILL SHALL NOT HAVE CLAYS OR ORGANIC MATERIAL.
3. ALL RESTORATION SHALL MEET ANY AND ALL OF THE APPLICABLE VILLAGE CONSTRUCTION STANDARDS.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

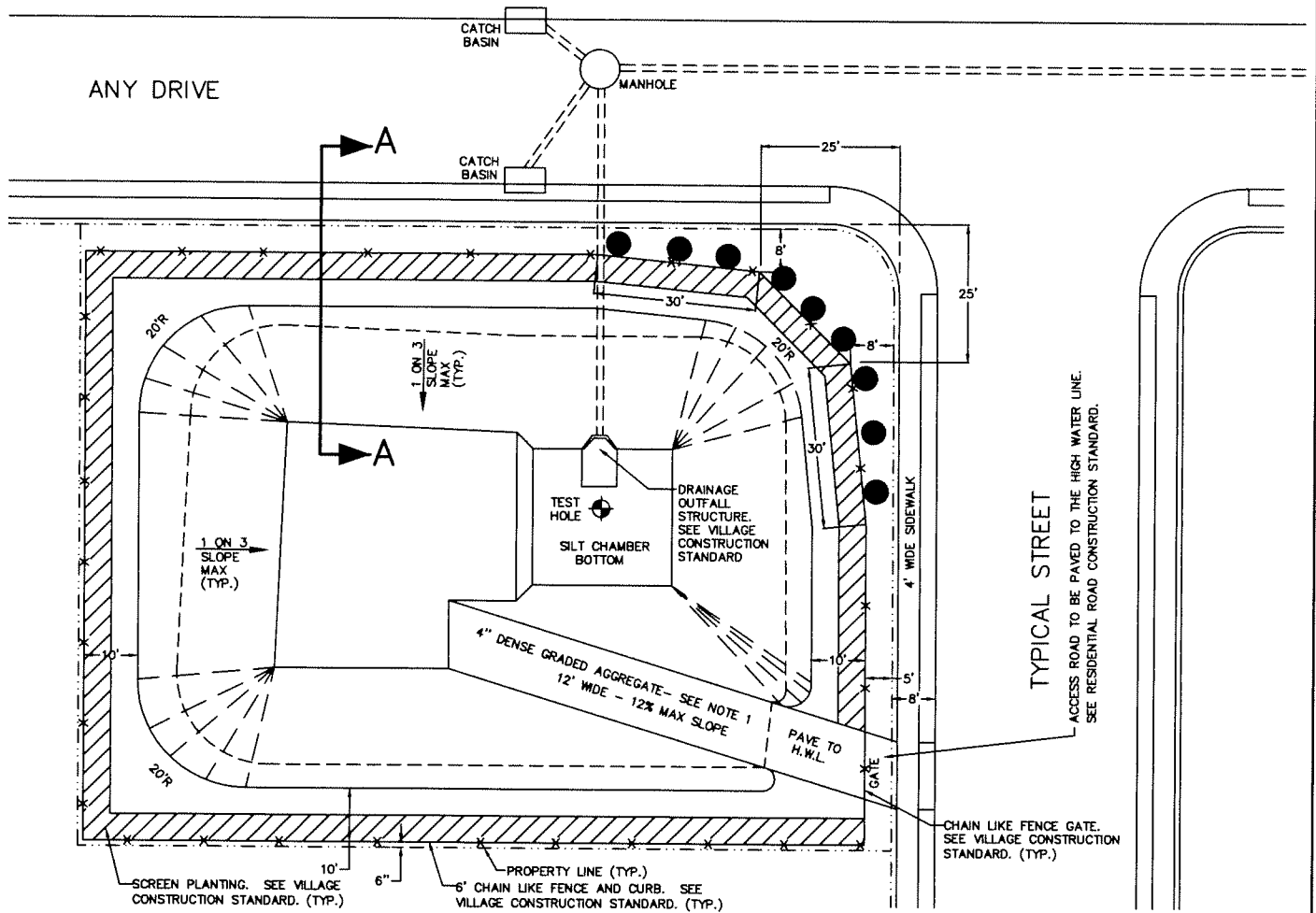
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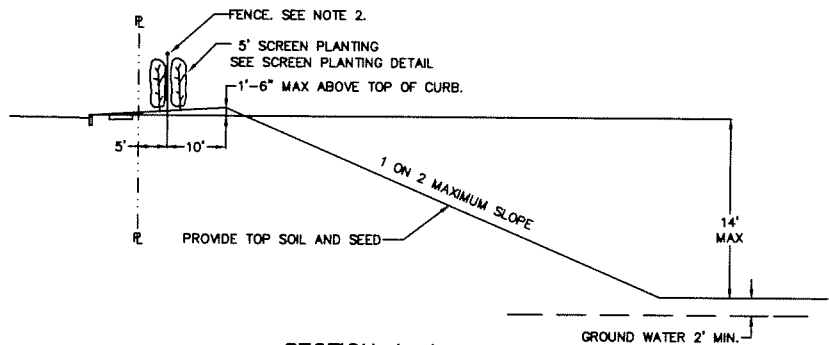
PIPE TRENCH

DETAIL NO:

12



PLAN VIEW



SECTION A-A

RECHARGE BASIN

N.T.S.

RECHARGE BASIN NOTES:

- 1) RECYCLED CONCRETE SHALL NOT BE USED.
- 2) CONSTRUCT AND PLACE FENCE PRIOR TO EXCAVATION OF THE RECHARGE BASIN.
- 3) OTHER VILLAGE CONSTRUCTION DETAILS ARE REFERENCED AND APPLY. THESE INCLUDE THE FOLLOWING:
 1. DRAINAGE OUTFALL STRUCTURE AT RECHARGE BASIN.
 2. FENCE AND CURB AT RECHARGE BASIN.
 3. CHAIN LINK FENCE GATE.
 4. SCREEN PLANTINGS AT RECHARGE BASIN ADJACENT TO PRIVATE PROPERTY.
 5. RESIDENTIAL ROAD.

IN ADDITION, OTHER VILLAGE CONSTRUCTION STANDARDS NOT REFERENCE BUT WILL APPLY INCLUDE SOME OF THE FOLLOWING:

1. CONCRETE CURB
2. CONCRETE SIDEWALK
3. CATCH BASIN AND MANHOLE
4. TRENCH DETAILS

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

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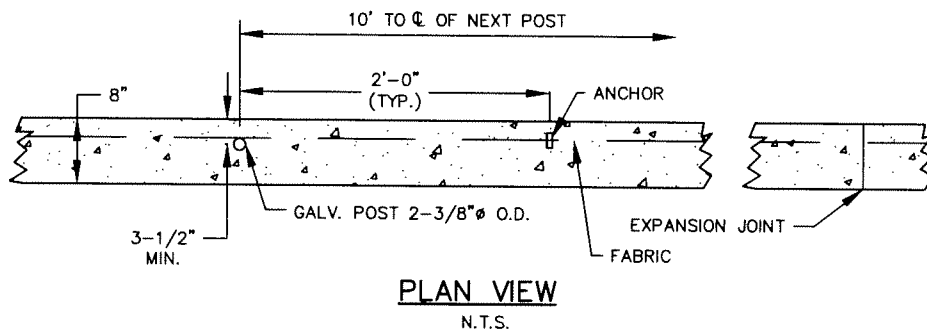
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DETAIL NAME:

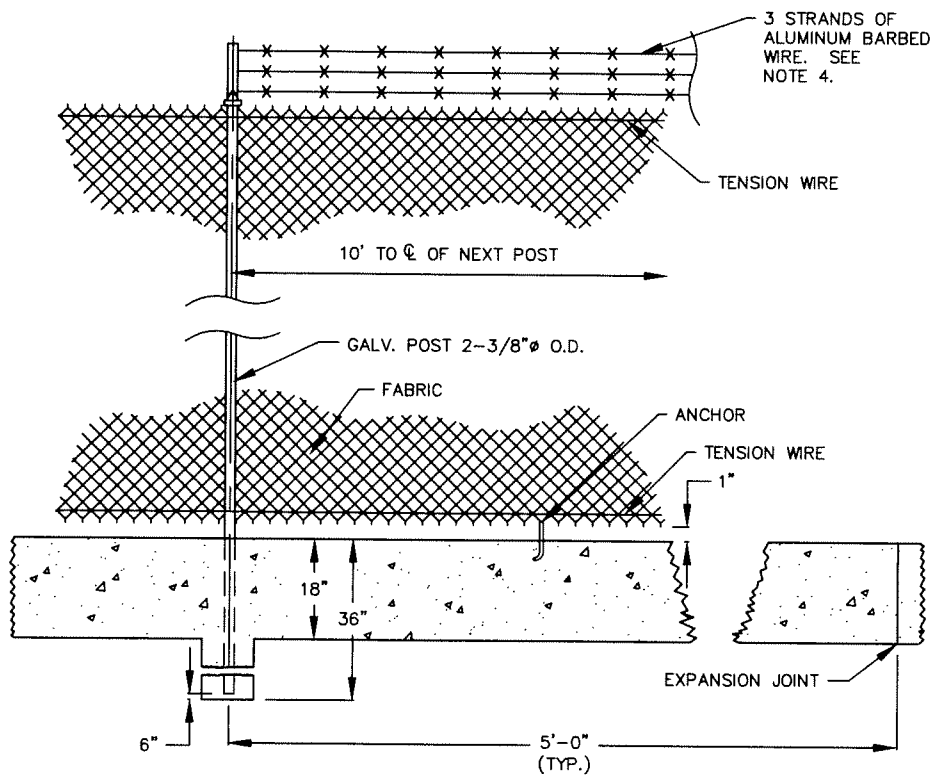
RECHARGE BASIN

DETAIL NO:

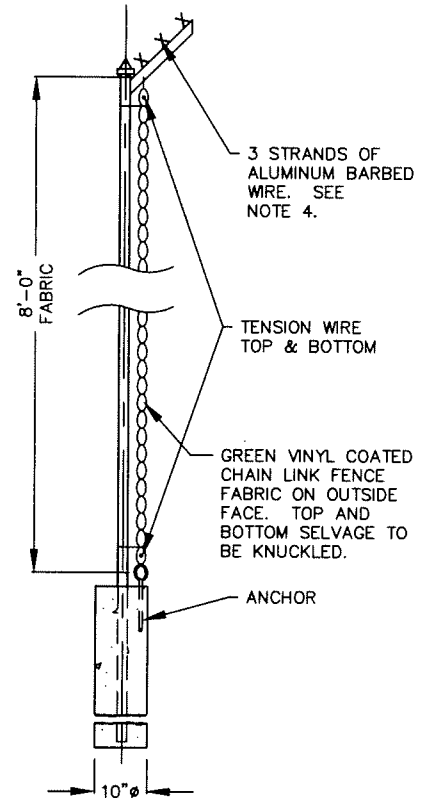
13



PLAN VIEW
N.T.S.



FRONT VIEW
N.T.S.



SIDE VIEW
N.T.S.

NOTES:

1. A GATE WITH 16'-0" (CLEAR) OPENING SHALL BE USED FOR ACCESS. SEE CHAIN LINK FENCE GATE CONSTRUCTION STANDARD FOR ADDITIONAL DETAIL.
2. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 P.S.I.
3. SHOP DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE ENGINEER. THESE SHALL INCLUDE THE NAME OF THE MANUFACTURER OF FENCE AND ALL APPURTENANCES, AND DETAILS SHOWING THE FENCE, GATE, CURB, POSTS, FENCE MATERIALS AND METHOD OF CONSTRUCTION.
4. RAZOR WIRE SHALL NOT BE PERMITTED.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

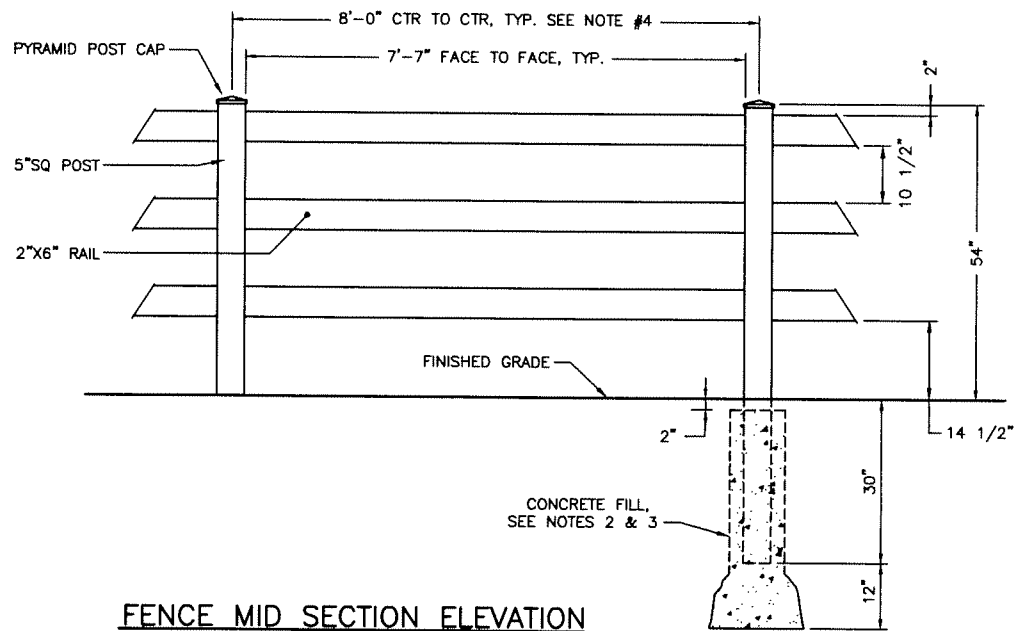
DATE:
JANUARY 2010

DETAIL NAME:
**FENCE AND CURB
AT RECHARGE BASIN**

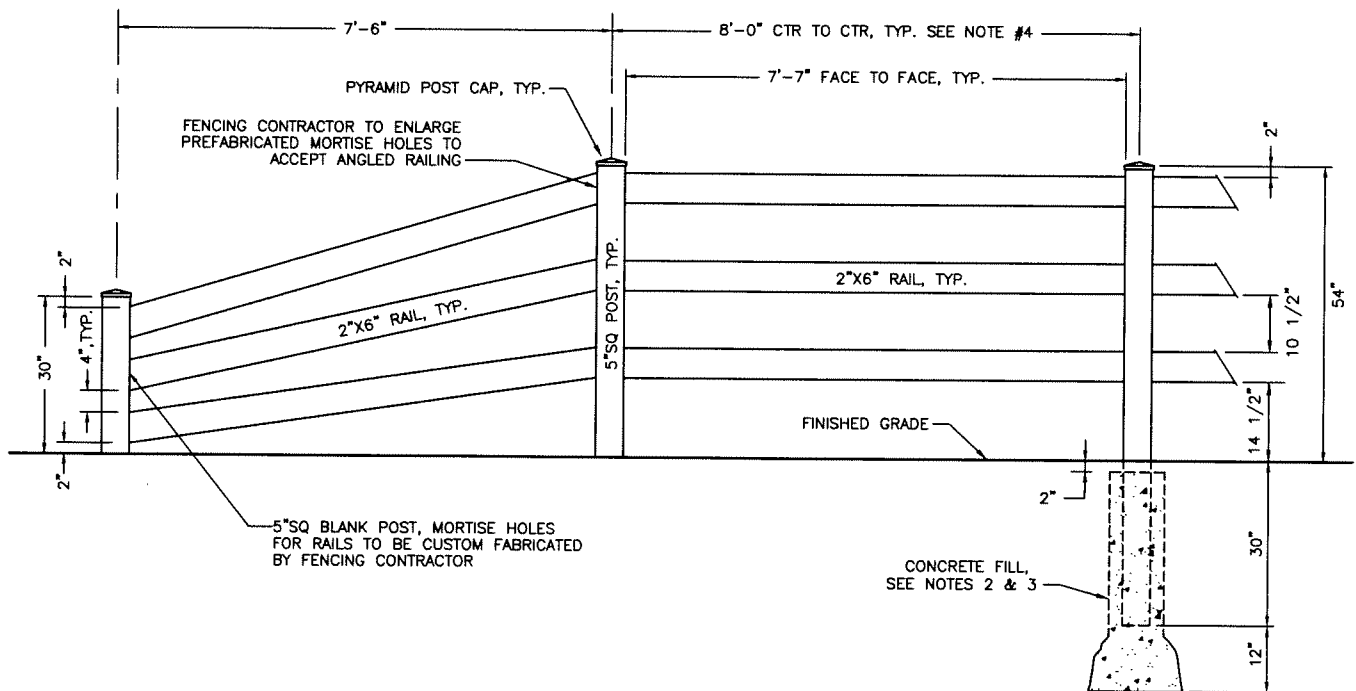
DETAIL NO:

15

16



FENCE MID SECTION ELEVATION

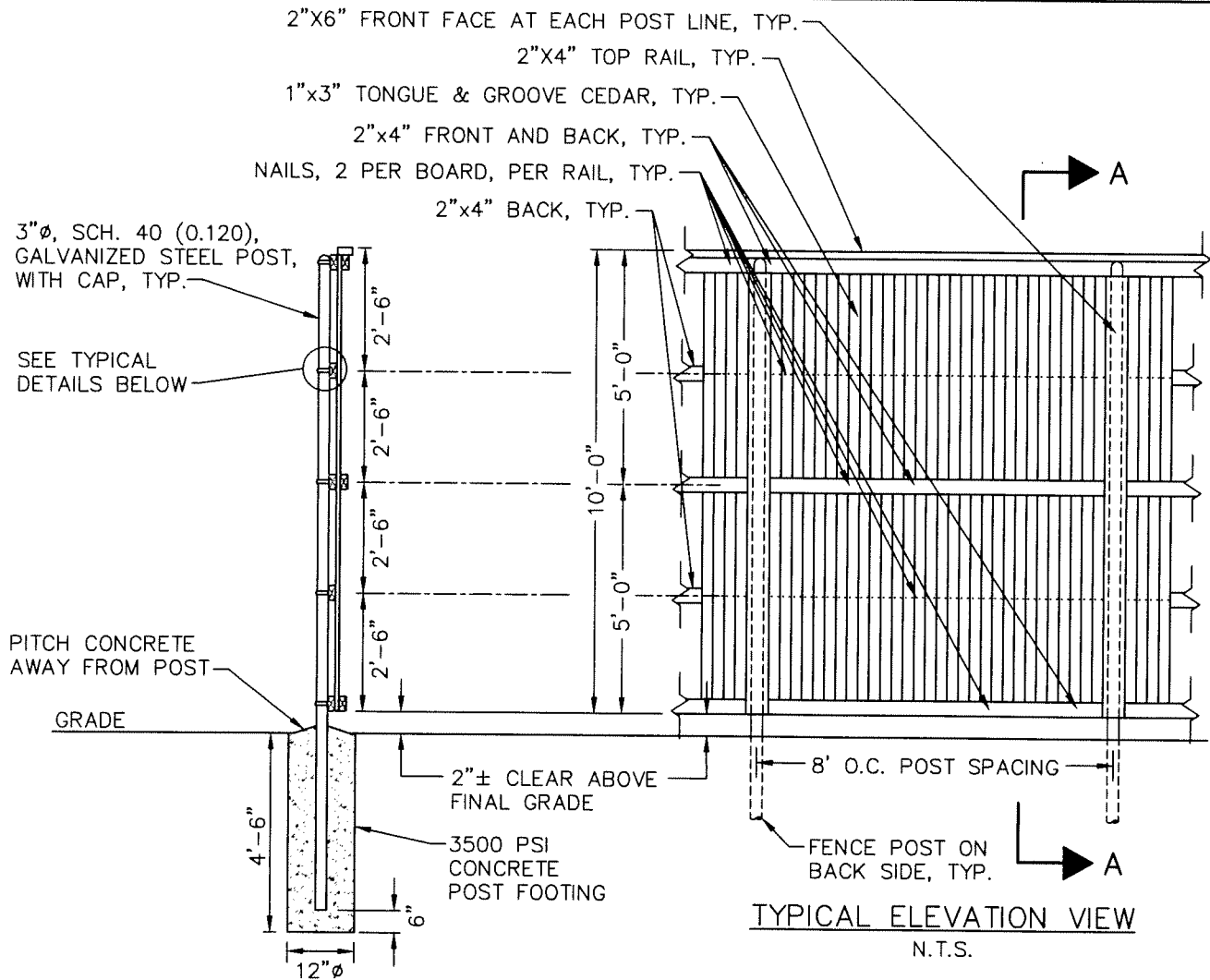


FENCE END SECTION ELEVATION

NOTES:

1. FOOTING WIDTH TO BE (2)X POST WIDTH. MINIMUM DEPTH 30" [762MM].
2. END AND CORNER POSTS TO BE CONCRETE FILLED PER MANUFACTURER'S DIRECTIONS.
3. LINE POST TO BE CONCRETE FILLED TO FINISHED GRADE.
4. POST SPACING SHALL BE MODIFIED TO MATCH FENCE LENGTH DIMENSION.
5. SLOPE RAILS AND LAST SECTION WHERE NOTED ON PLANS. POSTS LOCATED PRIOR TO SLOPED RAILS TO BE CONSIDERED END POSTS AND SHALL BE CONCRETE FILLED.
6. PVC FENCE AS MANUFACTURED BY MASTER HALCO, BUFFTECH OR APPROVED EQUAL.

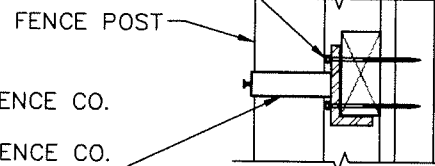
VILLAGE OF ISLANDIA		APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS		DETAIL NO:
SUFFOLK COUNTY, NEW YORK		DATE:	DETAIL NAME:	
		JANUARY 2010	3-RAIL PVC FENCE	17



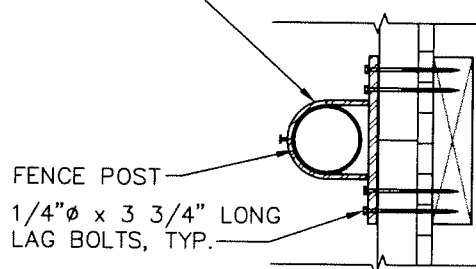
SECTION A-A VIEW
N.T.S.

ATTACHMENT BRACKETS,
5 PER POST, TYP.
WOOD LINE POST ADAPTER
MN WPA-3L, BY HOOVER FENCE CO.
WOOD END POST ADAPTER
MN WPA-3E, BY HOOVER FENCE CO.
OR APPROVED EQUAL

1/4"Ø x 3 3/4" LONG
LAG BOLTS, TYP.



TYPICAL ELEVATION VIEW
N.T.S.



TYPICAL PLAN VIEW
N.T.S.

NOTES:

1. ALL 2"x6" AND 2"x4" LUMBER TO BE CEDAR.
2. ALL 1"x3" TONGUE AND GROOVE TO BE #1 KNOTTED, SMOOTH TEXTURED SURFACE CEDAR.
3. ALL FENCE POST AND HARDWARE TO BE HOT-DIPPED GALVANIZED.
4. PRE-DRILL PRIOR TO INSTALLING LAG BOLTS.

FENCE POST TABLE			
FENCE HEIGHT	10'	8'	6'
POST SIZE STEEL, SCH. 40	3"O.D.	3"O.D.	2 1/2" O.D.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

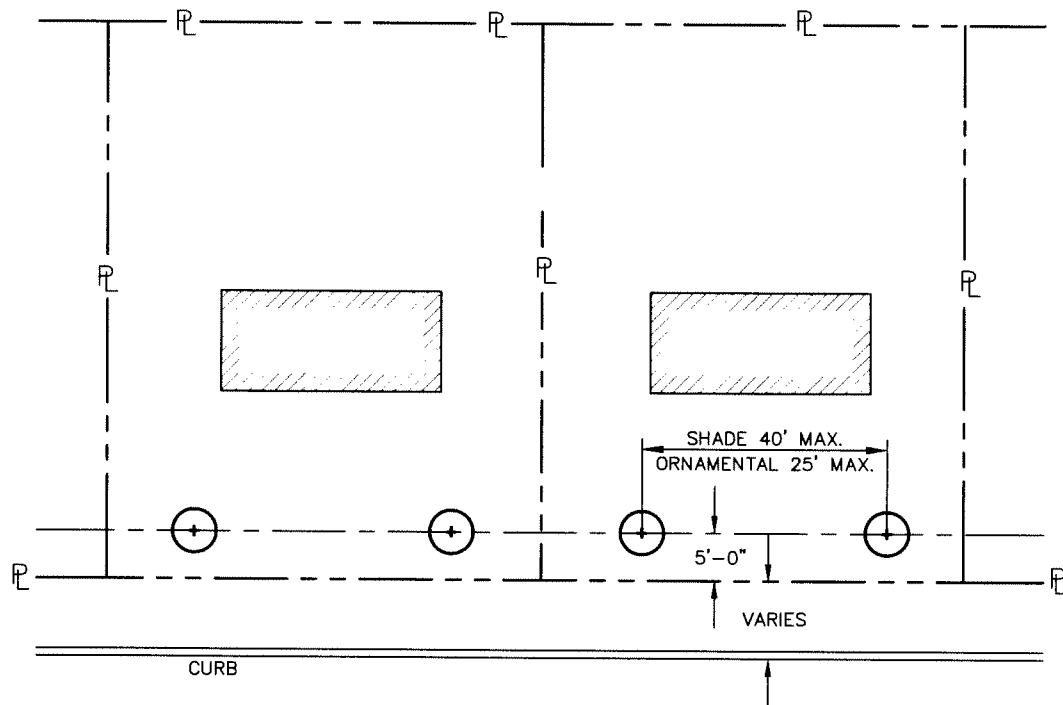
DATE:
JANUARY 2010

DETAIL NAME:

WOOD SCREEN FENCE

DETAIL NO:

18



TYPICAL LOTS TREE LOCATIONS PLAN

N.T.S.

SHADE TREES

1. SHADEMASTER LOCUST (GLEDITSIA TRICANTHOS 'SHADEMASTER')
2. SWEET GUM (LIQUIDAMBER STYRACIFLUA)
3. LONDON PLANE (PLATANUS ACERIFOLIA)
4. PIN OAK (QUERCUS PALUSTRIS)
5. SCARLET OAK (QUERCUS COCCINEA)
6. MAIDENHAIR TREE (GINKGO BILOBA) USE MALE TREES ONLY
7. LITTLE LEAF LINDEN (TILIA CORDATA)
8. SILVER LINDEN (TILIA TOMENTOSA)
9. RED OAK (QUERCUS BOREALIS)
10. CHINESE SCHOLAR TREE (SOPHORA JAPONICA)
11. RED MAPLE (ACER RUBRUM)
12. CHANTICLEER PEAR (PYRUS CALLERYANA 'CHANTICLEER' OR 'CLEVELAND SELECT')
13. GREEN NASE ZELKOVA (ZELKOVA SERRATA 'GREEN VASE')
14. WILLOW OAK (QUERCUS PHELLOS)
15. GOLDEN RAIN TREE (KOELREUTERIA PANICULATA)
16. SUBSTITUTIONS ACCEPTABLE WHEN APPROVED BY VILLAGE

3 1/2" - 4" CALIPER

ORNAMENTAL TREES *

1. KOUSA DOGWOOD (CORNUS KOUSA)
2. ROBINSON CRABAPPLE (MALUS 'ROBINSON')
3. CENTURIAN CRABAPPLE (MALUS 'CENTURIAN')
4. OKAME CHERRY (PRUNUS 'OKAME')
5. JAPANESE SOURWOOD (STYRAX JAPONICUS)

2 1/2" - 3" CALIPER

* USE WHEN DIRECTED BY VILLAGE

NOTES:

1. FOR TREES TO BE LOCATED UNDER UTILITY LINES
CONSULT THE L.I.P.A. LIST OF TREES APPROVED FOR
PLANTING UNDER ELECTRIC WIRES AT
WWW.LIPOWER.ORG/COMMUNITY/TREE/TREE_WIRE.HTML
OR CALL (516) 545-5606
2. CORNER LOTS SHALL HAVE 2 TREES FOR EACH FRONTAGE.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

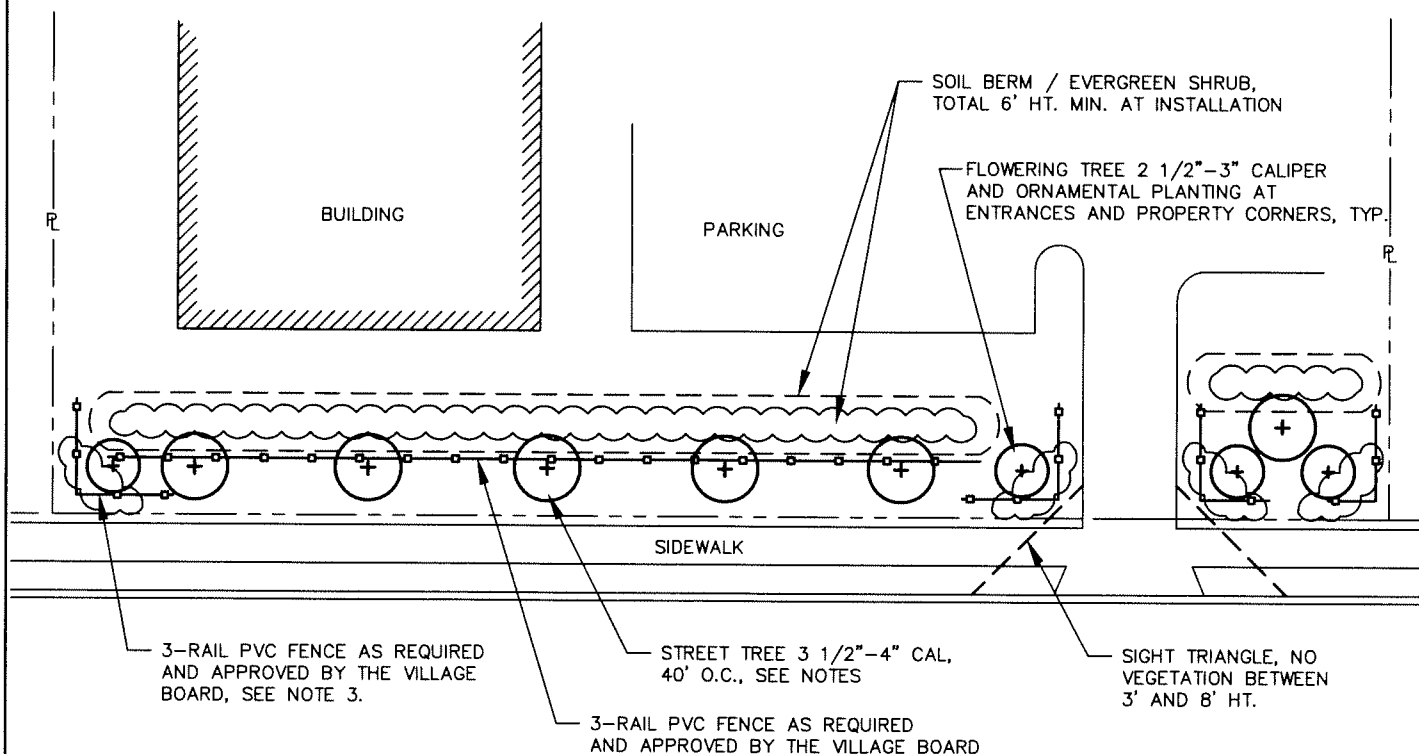
DATE:
JANUARY 2010

DETAIL NAME:

TREE LAYOUT

DETAIL NO:

20



NOTES:

1. ORNAMENTAL TREES 2 1/2"–3" CALIPER, PLANTED 25' O.C., AS SHOWN ON "TREE LAYOUT" SHALL BE SUBSTITUTED FOR THE STREET TREES.
2. PLANT MATERIALS SHALL BE SELECTED FROM "PLANT MATERIALS LIST".
3. 3–RAIL PVC FENCE, PER VILLAGE CONSTRUCTION STANDARDS, SHALL BE EITHER INSTALLED ACROSS FRONTAGE OF PROPERTY OR WHEN APPROVED BY THE VILLAGE BOARD, USED AT ENTRANCE AND CORNER PLANTINGS.
4. ALL OTHER LANDSCAPING REQUIRED TO BE AS PER CODE.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

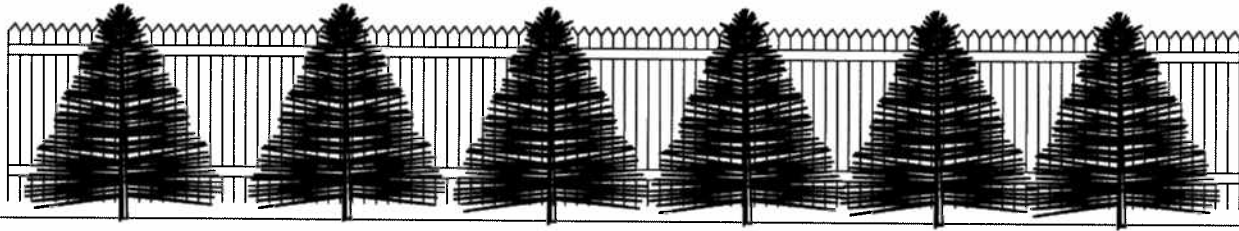
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
NON–RESIDENTIAL ZONE
STREET FRONTAGE LANDSCAPE

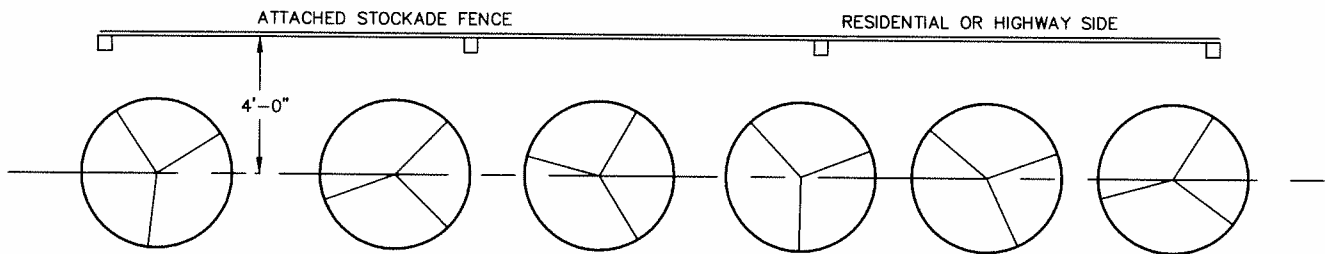
DETAIL NO:

21



ELEVATION

N.T.S.



PLAN

N.T.S.

PLANT MATERIAL:

INSTALL EVERGREEN PLANTS 6'-7' HEIGHT SPACED AN AVERAGE
5' O.C. INTERMIX MINIMUM OF 4 SPECIES INCLUDING

ABIES CONCOLOR	WHITE FIR
CUPRESSOCYPARIS LEYLANDIA	LEYLAND CYPRESS
JUNIPERUS CHINENSIS "ROBUSTA GREEN"	CHINESE JUNIPER
JUNIPERUS CHINENSIS "KETELEERI"	CHINESE JUNIPER
JUNIPERUS CHINENSIS "HETZI COLUMNARIS"	CHINESE JUNIPER
JUNIPERUS VIRGINIANA	EASTERN RED CEDAR
PICEA ABIES	NORWAY SPRUCE
PINUS NIGRA	AUSTRIAN PINE
PINUS STROBUS	WHITE PINE
PSEUDOTSUGA MENZIESII	DOUGLAS FIR
TAXUS CUSPIDATA "CAPITATA"	PYRAMIDAL JAPANESE YEW
THUJA OCCIDENTALIS "NIGRA"	EASTERN ARBORVITAE
THUJA OCCIDENTALIS "MISSION"	EASTERN ARBORVITAE
THUJA OCCIDENTALIS "TECHNY"	EASTERN ARBORVITAE
THUJA OCCIDENTALIS "EMERALD"	EASTERN ARBORVITAE

SUBSTITUTIONS ACCEPTABLE WHEN APPROVED BY VILLAGE

NOTE:

SCREEN PLANTING FOR
PRIVATE LOTS BACKING
ONTO MAJOR HIGHWAYS
AND BUFFER ZONES

VILLAGE OF ISLANDIA

SUFFOLK COUNTY, NEW YORK

APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:

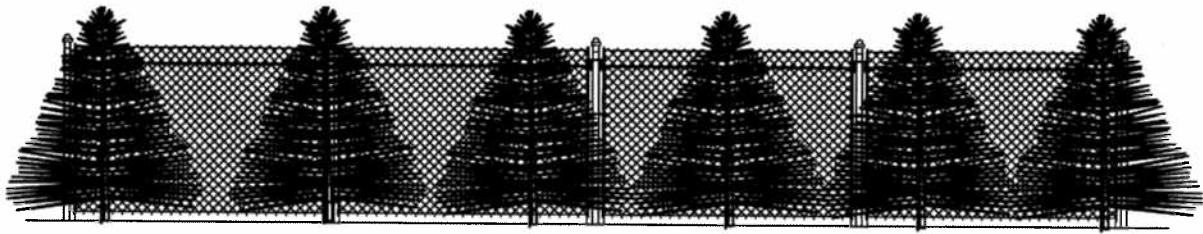
JANUARY 2010

DETAIL NAME:

SCREEN PLANTING

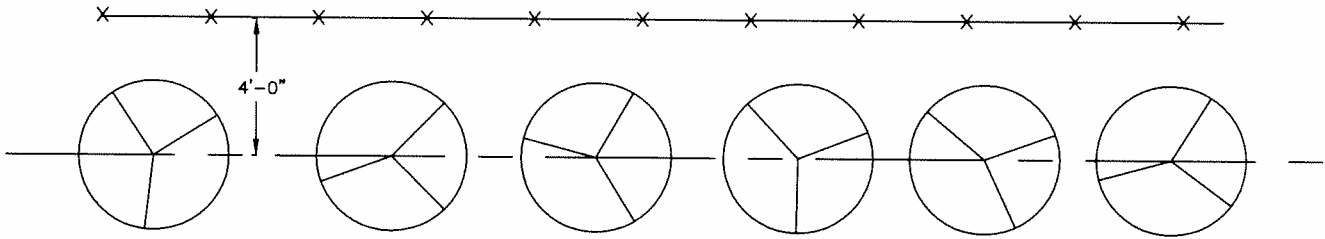
DETAIL NO:

22



ELEVATION

N.T.S.



PLAN

N.T.S.

PLANT MATERIAL:

INSTALL EVERGREEN PLANTS 5'-6' HEIGHT SPACED AN AVERAGE 5' O.C. INTERMIX MINIMUM OF 3 SPECIES INCLUDING

ABIES CONCOLOR	WHITE FIR
CUPRESSOCYPARIS LEYLANDIA	LEYLAND CYPRESS
JUNIPERUS CHINENSIS "ROBUSTA GREEN"	CHINESE JUNIPER
JUNIPERUS CHINENSIS "KETELEERI"	CHINESE JUNIPER
JUNIPERUS CHINENSIS "HETZI COLUMNARIS"	CHINESE JUNIPER
JUNIPERUS VIRGINIANA	EASTERN RED CEDAR
PICEA ABIES	NORWAY SPRUCE
PINUS NIGRA	AUSTRIAN PINE
PINUS STROBUS	WHITE PINE
PSEUDOTSUGA MENZIESII	DOUGLAS FIR
TAXUS CUSPIDATA "CAPITATA"	PYRAMIDAL JAPANESE YEW
THUJA OCCIDENTALIS "NIGRA"	EASTERN ARBORVITAE
THUJA OCCIDENTALIS "MISSION"	EASTERN ARBORVITAE
THUJA OCCIDENTALIS "TECHNY"	EASTERN ARBORVITAE
THUJA OCCIDENTALIS "EMERALD"	EASTERN ARBORVITAE

SUBSTITUTIONS ACCEPTABLE WHEN APPROVED BY VILLAGE

NOTE:

SCREEN PLANTING FOR
RECHARGE BASIN
ADJACENT TO
PRIVATE PROPERTY

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:

JANUARY 2010

DETAIL NAME:

SCREEN PLANTING

DETAIL NO:

23

PLANT MATERIALS LIST

Flowering Trees

Botanical Name	Common Name	Size	Container	Spacing
<i>Cornus kousa</i>	Japanese Dogwood	2 1/2" – 3" cal.	B&B	as shown
<i>Malus 'Robinson'</i>	Robinson Pink Crabapple	2 1/2" – 3" cal.	B&B	as shown
<i>Malus 'Centurion'</i>	Centurion Rose Crabapple	2 1/2" – 3" cal.	B&B	as shown
<i>Prunus 'Okame'</i>	Okame Cherry	2 1/2" – 3" cal.	B&B	as shown
<i>Styrax japonicus</i>	Japanese Sourwood	2 1/2" – 3" cal.	B&B	as shown

Frontyard Screen Planting (10'ht min. mature height all selections)

Botanical Name	Common Name	Size	Container	Spacing
Plants from Village Standard Screen Planting Details No. 26 or 27		5' Ht.	B&B	5' O.C.
<i>Ilex cornuta 'Burfordi'</i>	Burford Chinese Holly	5' Ht.	B&B	5' O.C.
<i>Ilex x attenuata 'Fosteri'</i>	Foster's Hybrid Holly	5' Ht.	B&B	5' O.C.
<i>Ilex x 'Nellie R. Stevens'</i>	Nellie Stevens Holly	5' Ht.	B&B	5' O.C.
<i>Ligustrum japonicum</i>	Japanese Privet	5' Ht.	B&B	18" O.C.
<i>Osmanthus heterophyllus</i>	False Holly	5' Ht.	B&B	5' O.C.
<i>Prunus laurocerasus</i>	Cherry laurel	5' Ht.	B&B	5' O.C.
<i>Taxus x media 'Hicksii'</i>	Hicks Yew	5' Ht.	B&B	5' O.C.

Shrubs

Botanical Name	Common Name	Size	Container	Spacing
<i>Berberis thunbergii 'Rosy Glow'</i>	Rosy Glow Barberry		2 gal.	2.5' O.C.
<i>Buxus 'Green Gem'</i>	Green Gem Boxwood		3 gal.	3' O.C.
<i>Ilex glabra "Compacta"</i>	Compact Inkberry		3 gal.	3' O.C.
<i>Juniperus chinensis 'Gold Coast', 'Gold Star'</i>	Gold Coast Juniper		2 gal.	3' O.C.
<i>Juniperus chinensis 'Saybrook Gold'</i>	Saybrook Gold Juniper		2 gal.	3' O.C.
<i>Rosa x Noamel, x Noaschnee</i>	Apple Blossom Rose		2 gal.	4' O.C.
<i>Spirea nipponica 'Snowmound'</i>	Snowmound Spirea		3 gal.	3' O.C.
<i>Spirea bumalda 'Gold Mound'</i>	Gold Mound Spirea		3 gal.	2.5' O.C.
<i>Thuja orientalis 'Aurea Nana'</i>	Golden Arborvitae	24" – 30" Ht.	Cont.	4' O.C.
<i>Viburnum plicatum var. tomentosum 'Shasta'</i>	Shasta Doublefile Viburnum	4' – 5' ht	3 gal.	5' O.C.

Perennials

Botanical Name	Common Name	Size	Container	Spacing
<i>Carex morrowii 'Aurea-Variegata'</i>	Yellow variegated Japanese Sedge		1 gal.	12" O.C.
<i>Hemerocallis 'Stella D'oro'</i>	Daylily		1/2 gal.	12" O.C.
<i>Hosta 'Patriot'</i>	Patriot White-Margined Hosta		1 gal.	15" O.C.
<i>Imperata cylindrica 'Rubra'</i>	Japanese Blood Grass		1 gal.	18" O.C.
<i>Pennisetum alopecuroides</i>	Fountain grass		3 gal.	2' O.C.

Substitutions acceptable when recommended by Landscape Architect and approved by Village

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

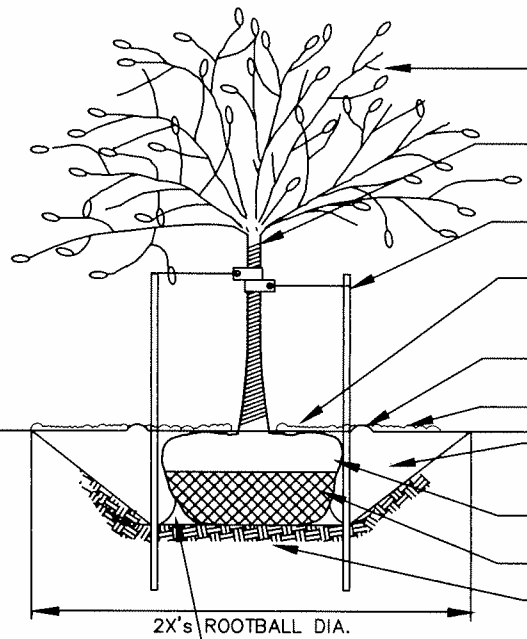
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
**NON-RESIDENTIAL ZONE
PLANT MATERIALS LIST**

DETAIL NO:

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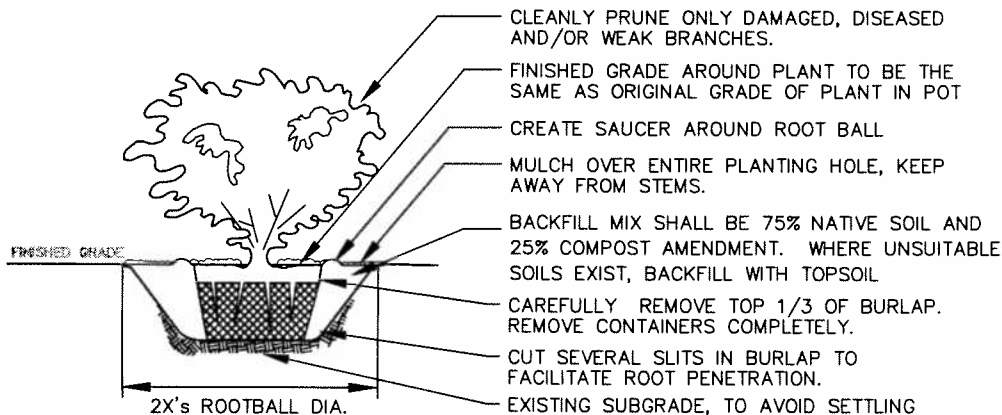
- PRUNE ONLY BROKEN OR DEAD BRANCHES, CO-DOMINANT LEADERS AND CROSS OVER LIMBS. ON EVERGREENS DO NOT CUT OR DAMAGE LEADER.
- WRAP TRUNKS OF THIN BARKED DECIDUOUS TREES ONLY WITH APPROVED TREE WRAP. REMOVE AFTER ONE YEAR.
- 2 STAKES 2"x2"x8' LONG OUTSIDE ROOT BALL WITH ONE ON SIDE OF PREVAILING WINDS (DECIDUOUS TREES ONLY)
- CROWN OF ROOT BALL SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS IT DID TO PREVIOUS GRADE. (IN SLOW DRAINING SOILS SET 1" TO 2" HIGHER)
- CREATE RAISED SAUCER AROUND EDGE OF ROOT BALL, REMOVE AFTER ONE YEAR.
- 2" MULCH OVER ENTIRE HOLE (5' DIA. MIN). KEEP AWAY FROM TRUNK
- BACKFILL MIX SHALL BE 75% NATIVE SOIL AND 25% COMPOST AMENDMENT. CONTRACTOR SHALL BACKFILL WITH TOPSOIL IN CLAY OR SILT CONDITIONS, OR WHERE EXISTING SOIL IS NOT SUITABLE.
- CUT AND REMOVE TOP 1/2 OF BURLAP, TWINE AND WIRE BASKET FROM ROOT BALL.
- B & B ROOT BALL
- EXISTING SUB GRADE, TO AVOID SETTLING DO NOT EXCAVATE BENEATH ROOT BALL.
- TAMP SOIL AROUND ROOT BALL BASE FIRMLY W/FOOT PRESSURE TO PREVENT SHIFTING OF ROOT BALL.

TREE PLANTING DETAIL

N.T.S.

NOTES:

1. DO NOT DAMAGE MAIN ROOTS OR ROOT BALL WHEN INSTALLING TREE STAKE.
2. WATER THOROUGHLY AFTER INSTALLATION.
3. REMOVE SAUCER AND STAKES AFTER FIRST YEAR.
4. PROVIDE DRAINAGE FOR PLANTING PIT IF IN IMPERVIOUS SOIL.



- CLEANLY PRUNE ONLY DAMAGED, DISEASED AND/OR WEAK BRANCHES.
- FINISHED GRADE AROUND PLANT TO BE THE SAME AS ORIGINAL GRADE OF PLANT IN POT
- CREATE SAUCER AROUND ROOT BALL
- MULCH OVER ENTIRE PLANTING HOLE, KEEP AWAY FROM STEMS.
- BACKFILL MIX SHALL BE 75% NATIVE SOIL AND 25% COMPOST AMENDMENT. WHERE UNSUITABLE SOILS EXIST, BACKFILL WITH TOPSOIL
- CAREFULLY REMOVE TOP 1/3 OF BURLAP. REMOVE CONTAINERS COMPLETELY.
- CUT SEVERAL SLITS IN BURLAP TO FACILITATE ROOT PENETRATION.
- EXISTING SUBGRADE, TO AVOID SETTLING DO NOT EXCAVATE DEEPER THAN ROOTS

SHRUB PLANTING DETAIL

N.T.S.

NOTES:

1. FOR PLANTING BED INSTALLATION EXCAVATE ENTIRE SHRUB BED
2. WATER THOROUGHLY AFTER INSTALLATION.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:

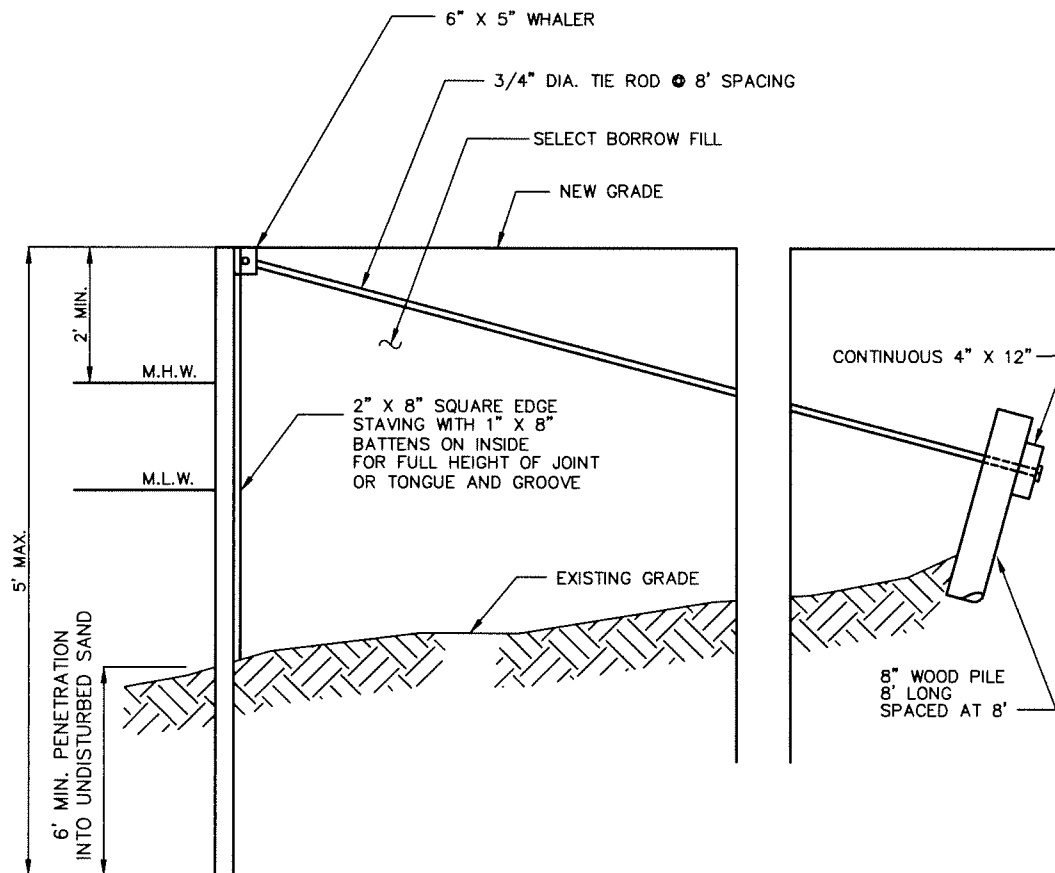
JANUARY 2010

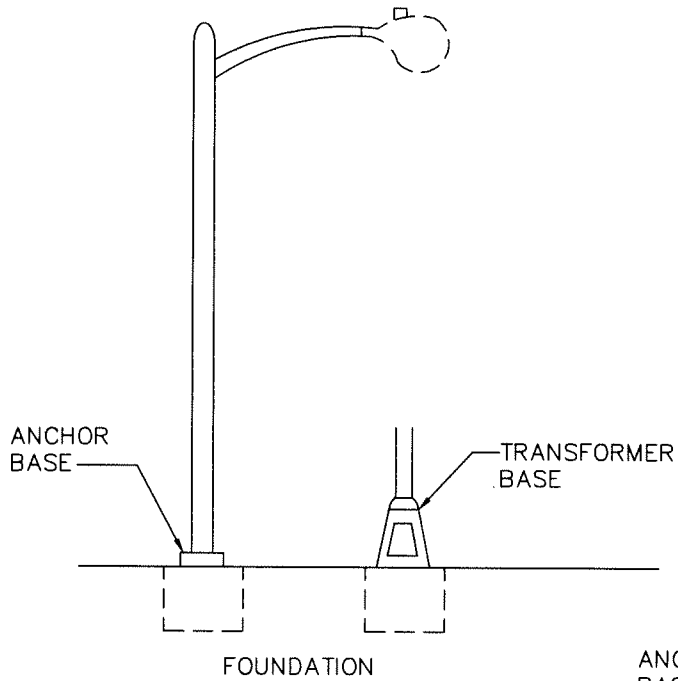
DETAIL NAME:

TREE AND SHRUB PLANTING

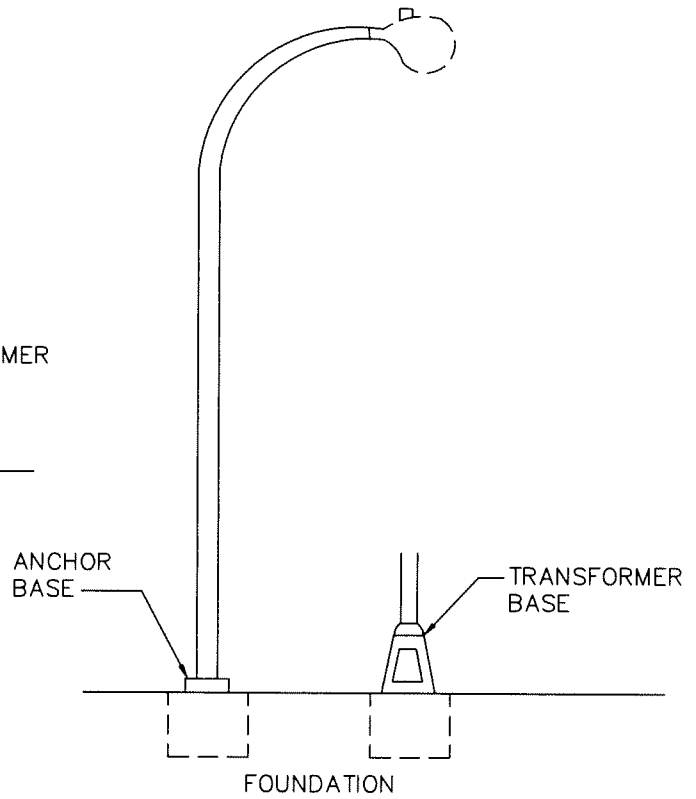
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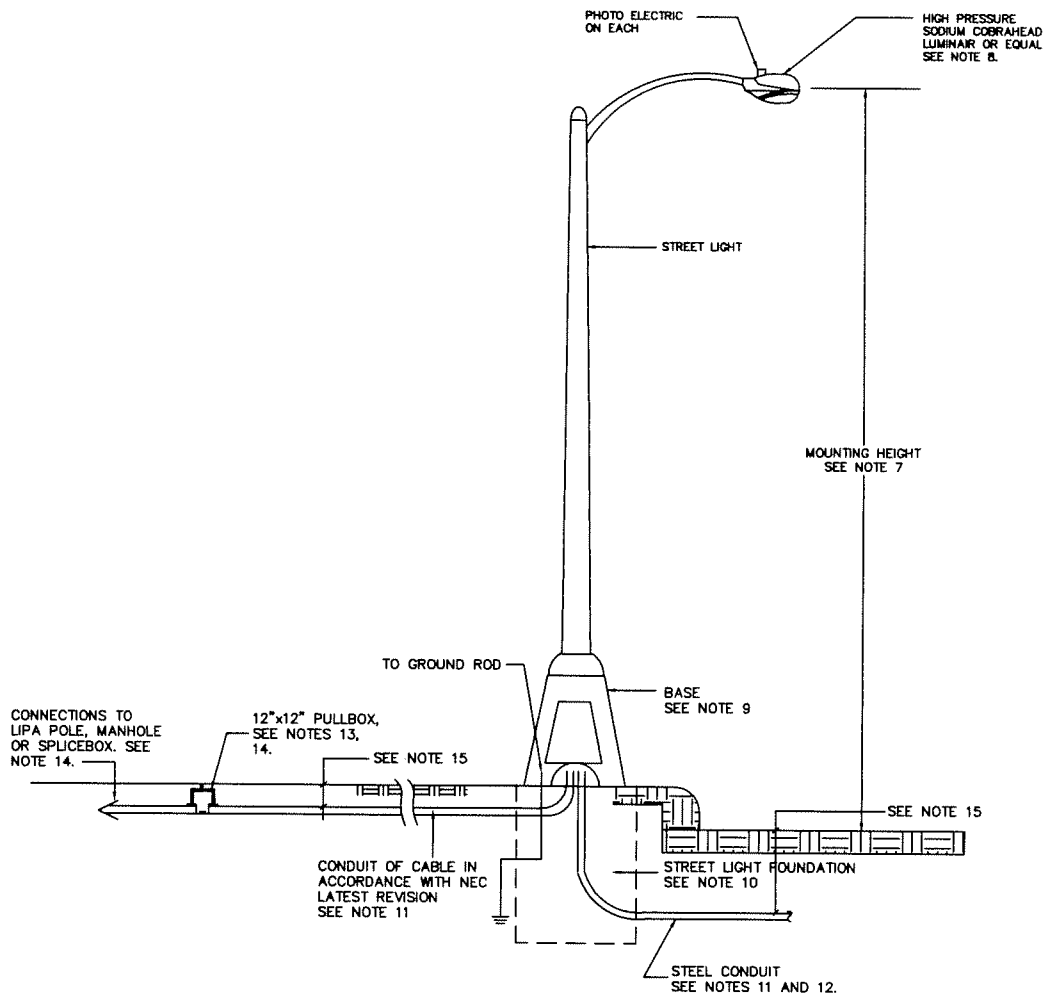




BRACKET ARM POLE



DAVIT POLE



STANDARD LIGHT POLE

SEE NOTE 6.
N.T.S.

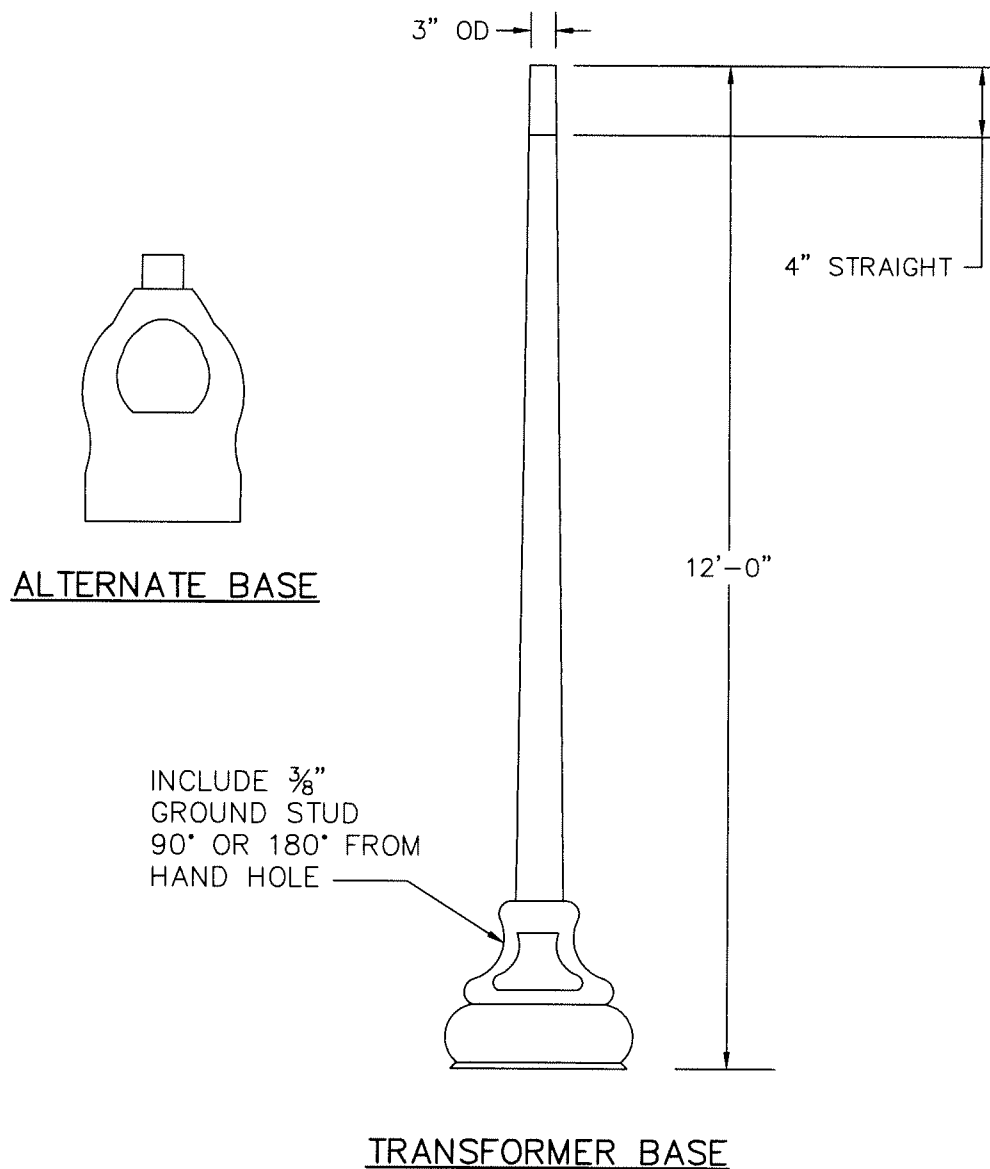
NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR INSTALLING STREET LIGHTING ON NEW STREETS. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A SCALED STREET LIGHTING DESIGN LAYOUT WHICH SHALL INCLUDE ALL PARCELS, CURB CUTS, LIPA FACILITIES, AND THE LOCATION OF THE PROPOSED LIGHTING FACILITIES. ALL NEW LIGHTING SHALL CONFORM TO THE STANDARDS SHOWN ON THIS DRAWING AND ALL REFERENCED DRAWINGS. ANY VARIATION TO THE STANDARDS REQUIRES VILLAGE APPROVAL. CATALOG CUTS FOR MATERIALS USED SHALL BE PROVIDED TO THE VILLAGE ALONG WITH PHOTOMETRIC ANALYSIS IF DEEMED NECESSARY BY THE VILLAGE.
2. THE CONTRACTOR SHALL NOTIFY THE VILLAGE A MINIMUM OF 48 HOURS PRIOR TO THE INSTALLATION OF NEW LIGHTING AND/OR UNDERGROUND CABLE.
3. AFTER THE INSTALLATION OF ALL SPLICE BOXES, FUSES, POLES, LUMINARIES AND ALL APPURTENANCES, THE CONTRACTOR SHALL SUBMIT AN "AS-BUILT" PLAN TO THE VILLAGE. THE VILLAGE WILL NOTIFY LIPA TO ENERGIZE THE SYSTEM, THEN CONDUCT A NIGHTTIME INSPECTION.
4. THE BUILDER SHALL BE RESPONSIBLE TO MAINTAIN THE STREET LIGHTS UNTIL THE ROAD(S) HAVE BEEN DEDICATED TO THE VILLAGE.
5. MAXIMUM POLE SPACING AWAY FROM INTERSECTIONS SHALL BE 150 FEET TO APPROXIMATE EVERY OTHER PROPERTY LINE. POLES SHALL BE PLACED AT ALL INTERSECTIONS, APPROACHES TO TRAFFIC SIGNALS, AT CURVES, AND OTHER LOCATIONS DEEMED NECESSARY BY THE VILLAGE. THE MAXIMUM POLE SPACING WITHIN 200 FEET OF THE INTERSECTION IS 100 FEET.
6. A BRACKET ARM POLE IS SHOWN IN THE DRAWING. DAVIT ARM POLE MAY BE USED WITH VILLAGE APPROVAL.
7. THE MOUNTING HEIGHT FOR RESIDENTIAL ZONING SHALL BE 20 FEET. THE MOUNTING HEIGHT FOR NONRESIDENTIAL ZONING SHALL BE 30 FEET.
8. 75 WATT LUMINARIES SHALL BE USED FOR RESIDENTIAL ZONING. 125 WATT LUMINARIES SHALL BE USED FOR NON-RESIDENTIAL ZONING. LUMINAIR SHALL BE OVER THE ROAD OR THE CURB LINE.
9. TRANSFORMER BASE IS SHOWN IN THIS DRAWING. AN ANCHOR BASE MAY BE USED WITH VILLAGE APPROVAL. BREAK-AWAY BASE MAY BE REQUIRED BY THE VILLAGE FOR STREETS WITHOUT CURBING AND/OR POSTED SPEEDS IN EXCESS OF 30 MILES PER HOUR.
10. SEE PRECAST CONCRETE FOUNDATION CONSTRUCTION STANDARDS.
11. DIRECT BURIAL CABLE SHALL BE OF CORRECT SIZE FOR LIGHTING CIRCUIT REQUIREMENTS WITH A MINIMUM VOLTAGE DROP OF 3%. THE MINIMUM SIZE U.F. CABLE SHALL BE A.W.G. #10 (2 CONDUCTOR W/GROUND).
12. ONE INCH STEEL CONDUIT OR 1 1/2" PVC (SCHEDULE 40) SHALL BE INSTALLED UNDER ALL ROADS, DRIVEWAYS AND SIDEWALKS ALONG THE CABLE RUN. CONDUIT SHALL EXTEND ONE FOOT BEYOND ANY OBSTACLE IE. A 17 FOOT WIDE DRIVEWAY REQUIRES 19 FEET OF CONDUIT.
13. A PULL BOX SHALL BE INSTALLED NO MORE THAN 15 FEET FROM AN EXISTING LIPA SPLICE BOX.
14. ALL CONNECTIONS TO LIPA FACILITIES SHALL BE TO CURRENT LIPA STANDARDS.
15. COMPLY WITH CURRENT EDITION OF NEC FOR BURIAL DEPTHS OF CONDUIT AND CABLE.

NOTE:

SERVICE FROM REAR
PROPERTY RISER POLE

VILLAGE OF ISLANDIA		APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS		DETAIL NO:
SUFFOLK COUNTY, NEW YORK		DATE:	DETAIL NAME:	28
		JANUARY 2010	STREET LIGHT INSTALLATION	



VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

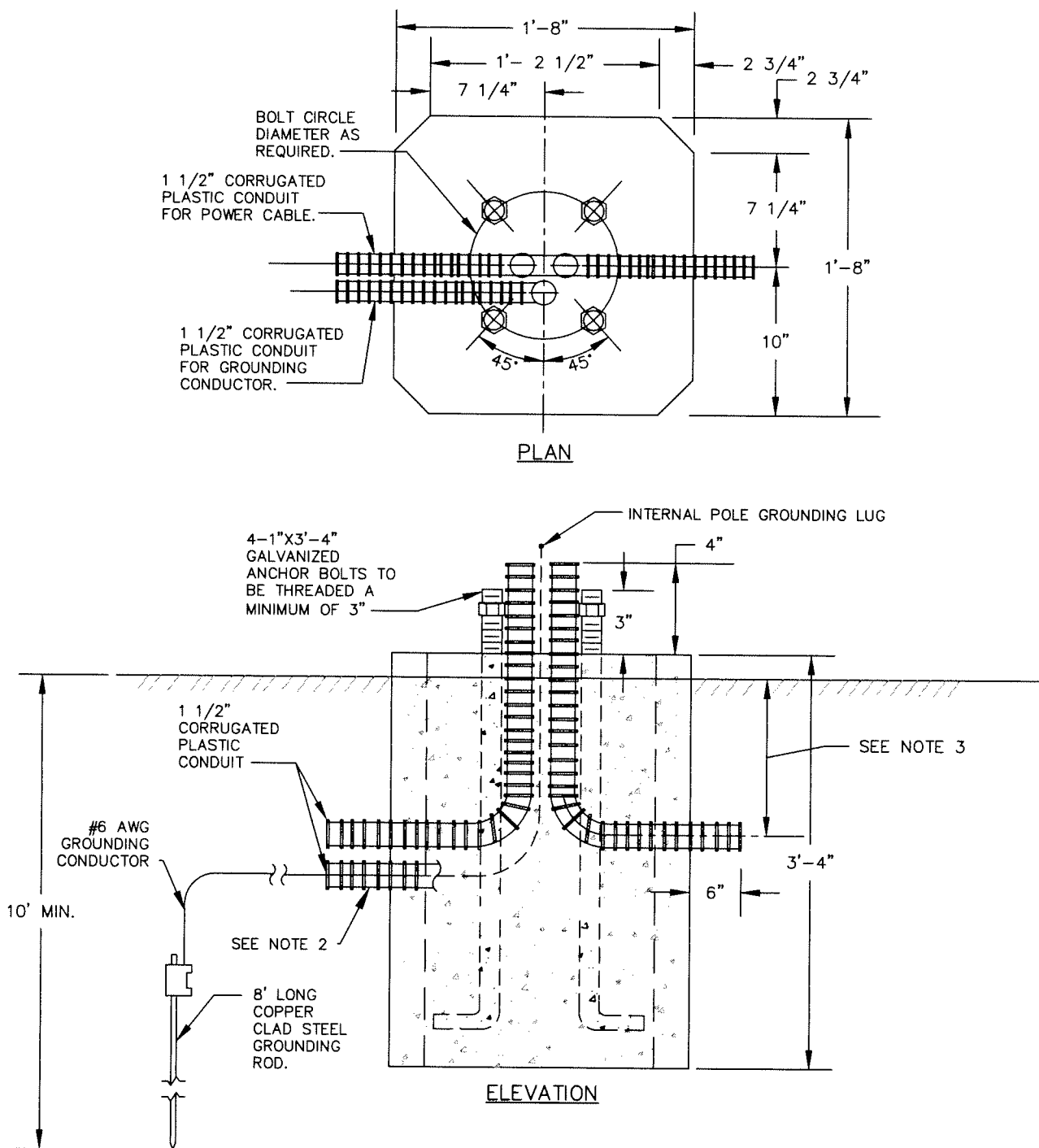
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
ALUMINUM PEDESTAL POLE

DETAIL NO:

29



PRECAST CONCRETE FOUNDATION FOR STREET LIGHTING
N.T.S.

NOTES:

1. ANCHOR BOLTS, INCLUDING NUTS, SHALL BE SUPPLIED BY MANUFACTURER OF FOUNDATION.
2. 1-1/2" CORRUGATED PLASTIC CONDUIT FOR #6 AWG GROUNDING CONDUCTOR NOT FULLY SHOWN ON ELEVATION FOR CLARITY.
3. COMPLY WITH CURRENT EDITION OF NEC FOR BURIAL DEPTHS OF CONDUIT AND CABLE.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

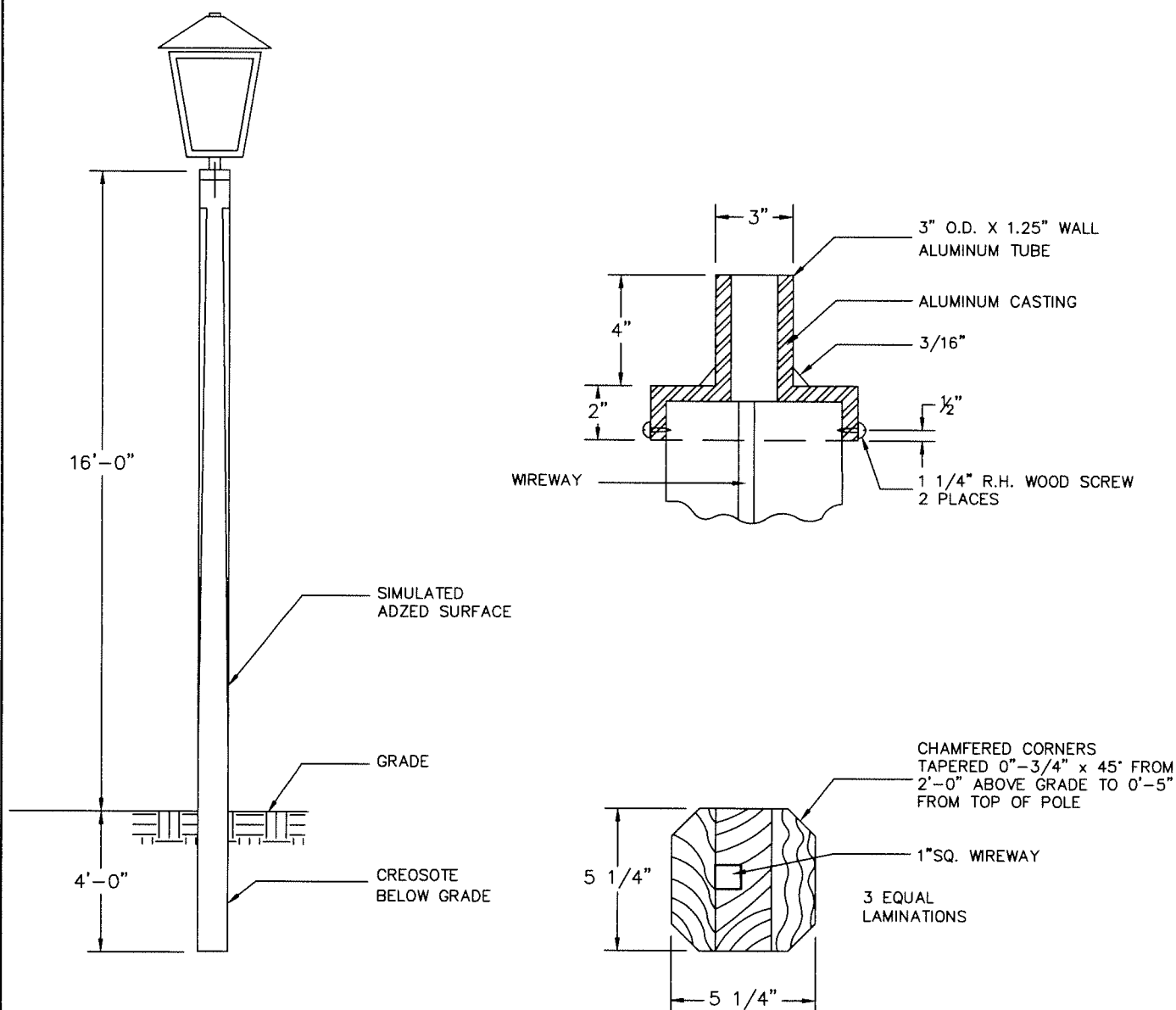
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
PRECAST CONCRETE FOUNDATION

DETAIL NO:

30



NOTE:

POLE TO BE WESTERN RED CEDAR, LAMINATED IN ACCORDANCE WITH A.I.T.C. STANDARDS. SURFACE TO BE SIMULATED ADZED. FINISH TO BE GRAY. FITTER TO BE ALUMINUM AS DETAILED.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

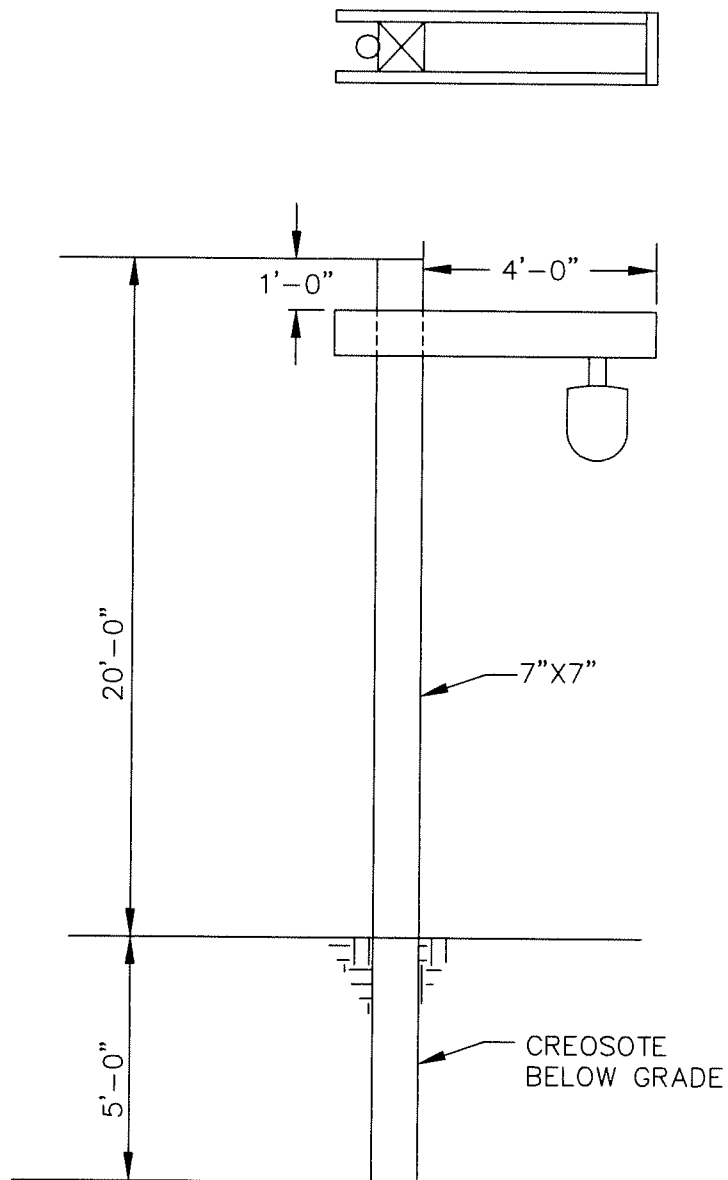
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
POST TOP LUMINAIRE

DETAIL NO:

31



VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

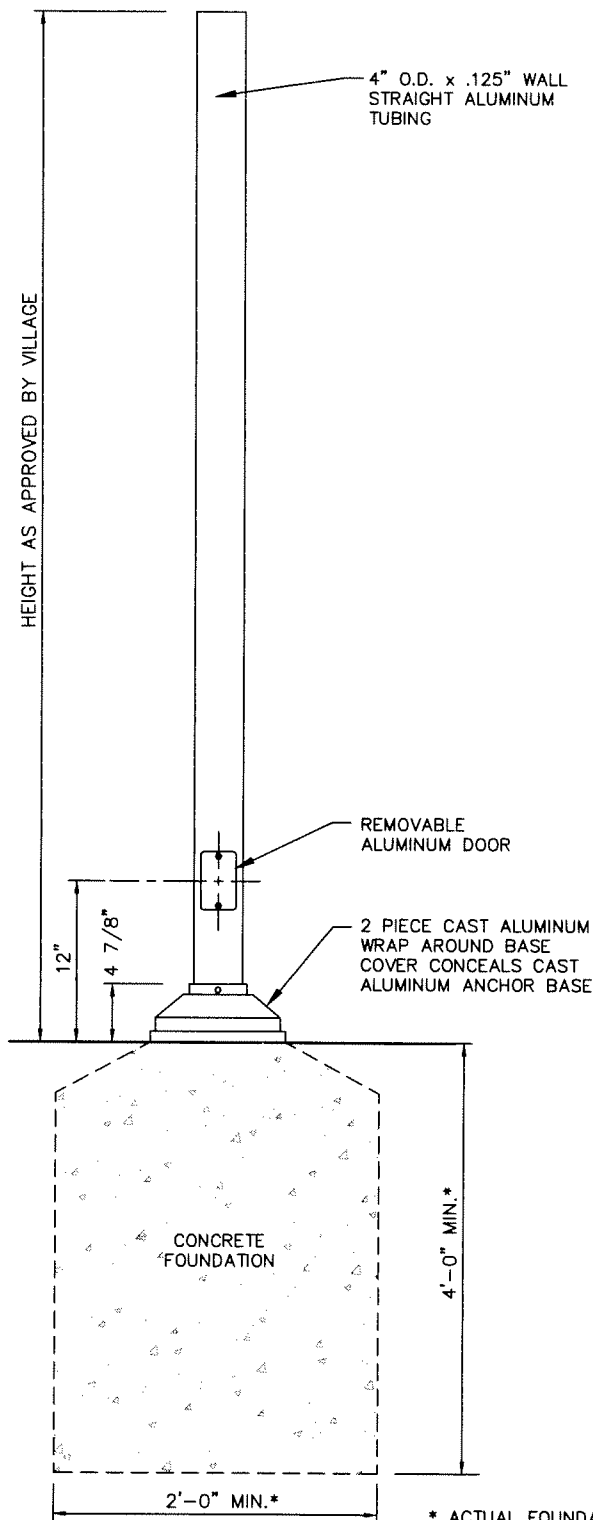
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME: WOOD POLE WITH
PENDANT FIXTURE

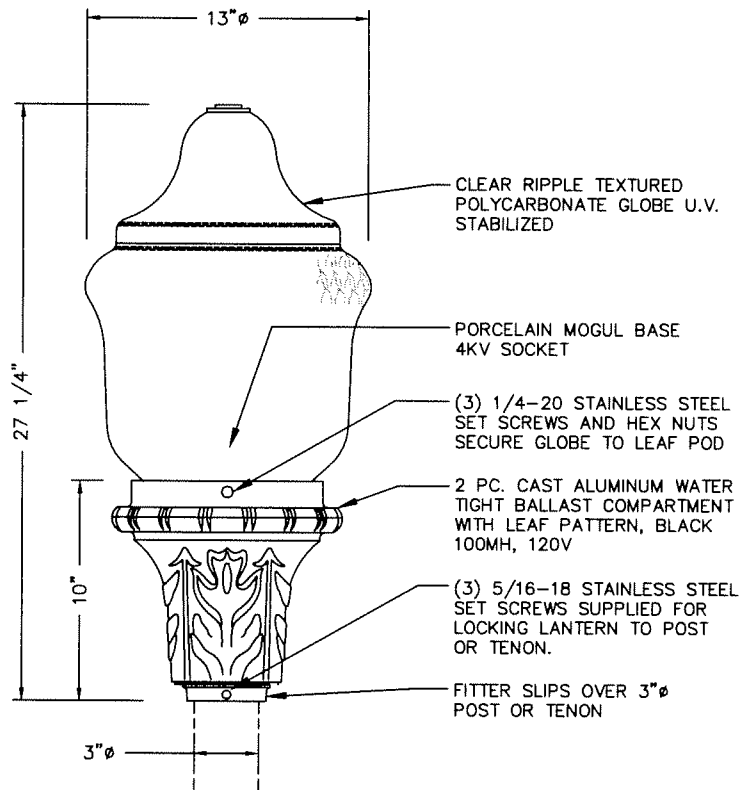
DETAIL NO:

32



**ALUMINUM POST
WITH ANCHOR BASE**

#361 BLK
AS MANUFACTURED BY
HANOVER LANTERN OR APPROVED EQUAL



E.P.A.: 1.65 (EFFECTED PROJECTED AREA)
LANTERN WILL BE PREWIRED AND TESTED.
ALL ELECTRICAL COMPONENTS ARE U.L. LISTED.
ALL MOUNTING HARDWARE SUPPLIED.
120 VOLT PHOTO CONTROL MAY BE INSTALLED
IN 2 PC. COMPARTMENT.

"WIRT PARK" 1830BP

#1830BP MH BLK CTPG 100MH 120V 82-6"
AS MANUFACTURED BY HANOVER LANTERN
OR APPROVED EQUAL

* ACTUAL FOUNDATION SIZE
TO BE DETERMINED BY
POST HEIGHT

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

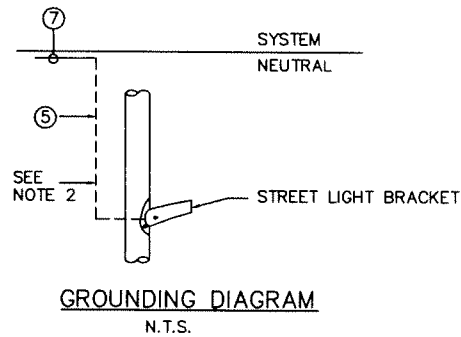
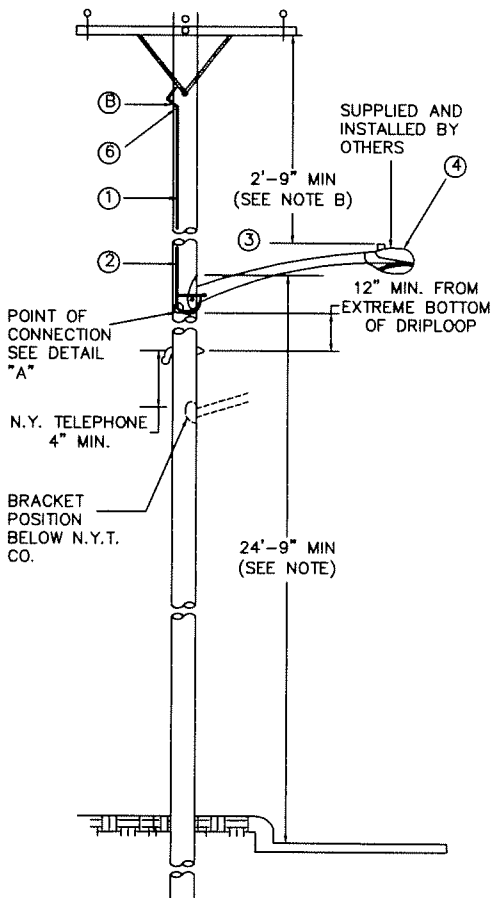
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
POST AND LANTERN

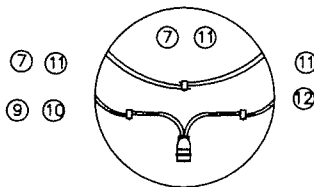
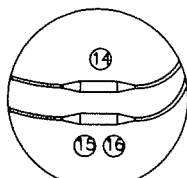
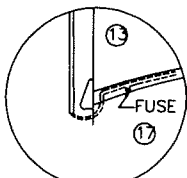
DETAIL NO:

33



NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO DESIGN SPECIFICATIONS SET FORTH IN EDISON ELECTRIC INSTITUTE PUBLICATION M-12, NATIONAL ELECTRIC SAFETY CODE AND THIS LIPA STANDARD.
2. STREET LIGHT BRACKET SHALL BE GROUNDED USING SEPARATE GROUNDING CONDUCTOR FURNISHED BY LIPA. INITIAL CONNECTION TO BRACKET TO BE MADE BY LIPA.
3. LIPA SHALL PLACE LIGHT IN SERVICE BY MAKING INITIAL CONNECTIONS THROUGH FUSE TO ENERGIZED 2/C #14 SUPPLY CABLE. TAPE ALL CONNECTIONS.
4. CONTRACTOR TO FURNISH PHOTOELECTRIC CONTROL FOR DUSK TO DAWN ILLUMINATION FOR APPROXIMATELY 4200 HOURS PER YEAR.
5. MOUNTING HEIGHT SHALL BE DETERMINED BY MUNICIPAL AUTHORITIES AND THEIR CONTRACTOR SHALL ARRANGE WITH LIPA FOR ANY POLE REPLACEMENTS NECESSARY. NYTCO APPROVAL IS REQUIRED ON A VARIANCE BASIS FOR ANY MOUNTING HEIGHT BELOW THE MINIMUM DIMENSION OF 24'-9" SINCE NYTCO NORMAL POLE SPACE IS INVOLVED. SEE DETAIL "B" FOR FUSING OF STREET LIGHTS MOUNTED BELOW NYTCO FACILITIES. WHEN A STREET LIGHT BRACKET IS MOUNTED BELOW NYTCO FACILITIES A FUSE HOLDER SHALL BE MOUNTED ON THE UNDERSIDE OF THE LAMP BRACKET. ALL CONDUCTORS SHALL BE CRIMP SPLICED AND TAPED, AS SHOWN IN DETAIL "B". ALL SPLICES SHALL BE INSERTED IN THE LAMPBRACKET LEAVING A SMALL DRIP LOOP WHICH SHALL BE PROTECTED WITH 2" WIDE EPOXIED STRAP. SEE DETAIL "C" FOR FUSING OF STREET LIGHTS MOUNTED BELOW NYTCO WHICH DO NOT HAVE A FUSE HOLDER MOUNTED ON THE UNDERSIDE OF THE LAMP BRACKET.
6. MINIMUM 4" CLEARANCE IN ALL DIRECTIONS SHALL BE MAINTAINED FROM STREET LIGHT BRACKET AND FIXTURE AND SECONDARY VOLTAGE WIRES PASSING BRACKET AND FIXTURE.
7. AVOID PLACING STREET LIGHT FIXTURES ON POLES CONTAINING THE FOLLOWING: UTILITY UNDERGROUND RISER PIPES, LARGE TERMINALS OR OTHER THIRD PARTY ATTACHMENTS WHERE OTHER INSTALLATIONS LIMIT SPACE (EXAMPLES-CATV POWER SUPPLY OR TRAFFIC CONTROL BOX).
8. THE MINIMUM DIMENSION OF 2'-9" SHALL BE MET OR EXCEEDED FOR ALL CASES.



INSTALLATION OF FUSE- SEE NOTE 5
N.T.S.

NOTE:

WITH PHOTO-CELL IN HEAD
120 VOLT SUPPLY

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

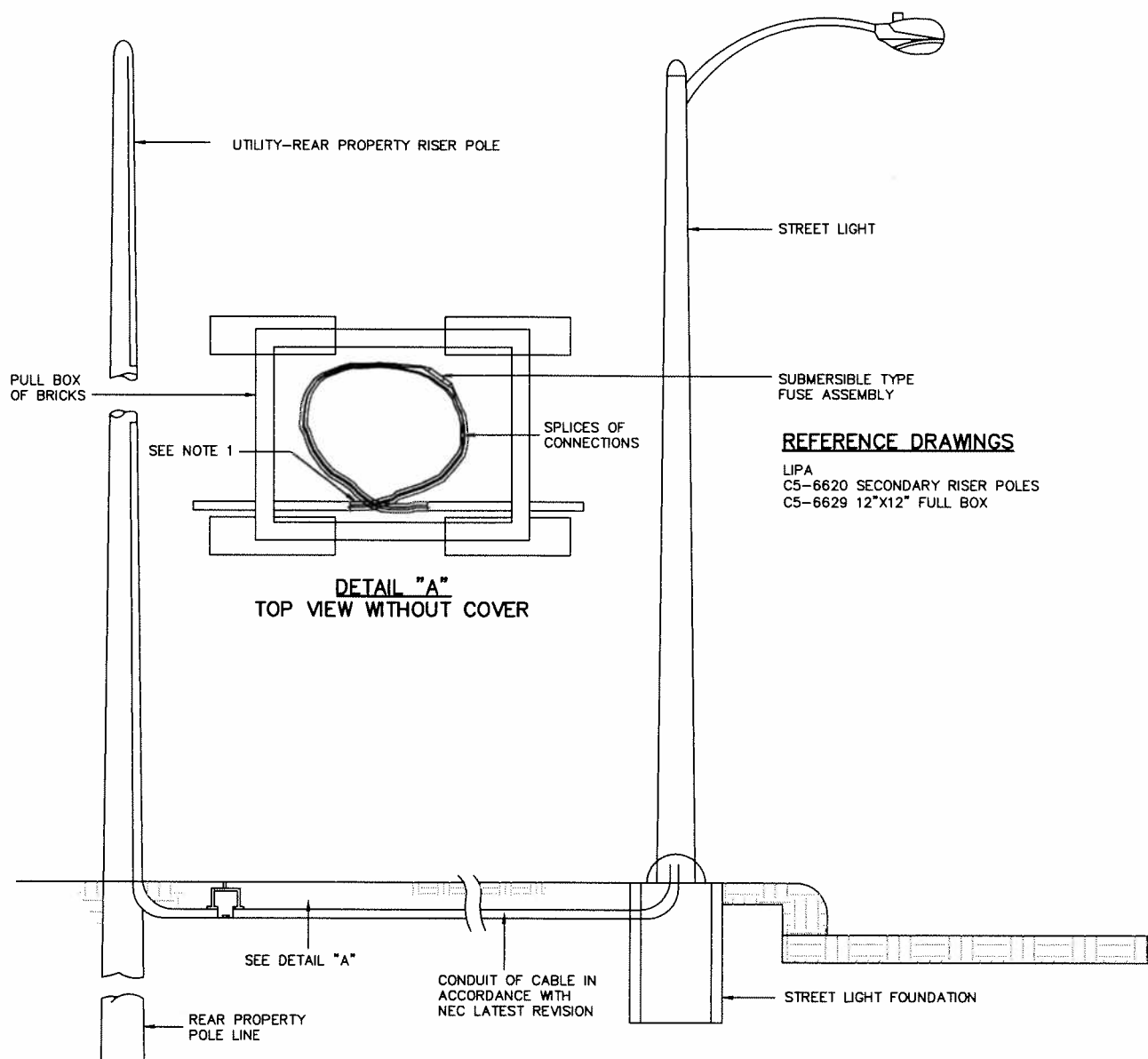
APPENDIX "A" - VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
STREET LIGHT FIXTURE

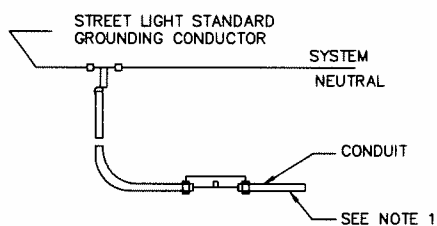
DETAIL NO:

34



REFERENCE DRAWINGS

LIPA
C5-6620 SECONDARY RISER POLES
C5-6629 12"x12" FULL BOX



GROUNDING DIAGRAM

NOTES:

1. BOND RISER CONDUIT WITH NO.65D BARE TINNED COPPER, WHERE IT TERMINATES IN PULL BOX TO OUTGOING METALLIC DUCT AND TO NEUTRAL IN PULL BOX (IF METAL DUCT IS NOT USED. OMIT BOND FOR THIS DUCT. CONDUIT SHALL THEN BE BONDED TO NEUTRAL IN PULL BOX)
2. SUBMERSIBLE TYPE FUSE ASSEMBLY SHALL BE ELASTIMOLD DIVISION CONNECTOR KIT CATALOG NO. 64-A6-A6 WITH MIDGET SIZE CARTRIDGE FUSE BUSS-LIMITRON CATALOG NO. KTK (OR EQUAL) SIZED TO LOAD.

NOTE:

SERVICE FROM REAR
PROPERTY RISER POLE

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

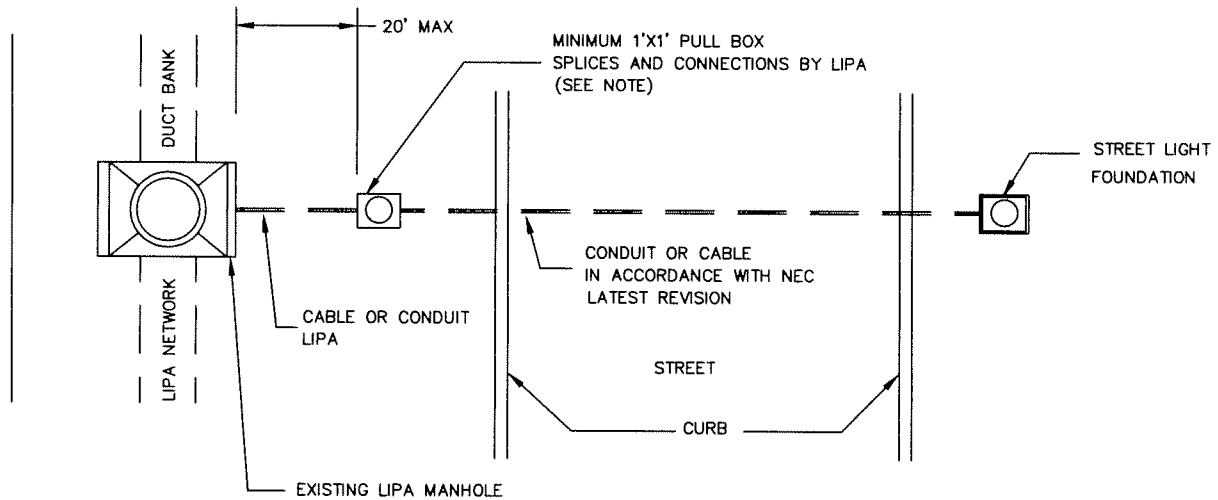
DETAIL NAME:

STREET LIGHTING

DETAIL NO:

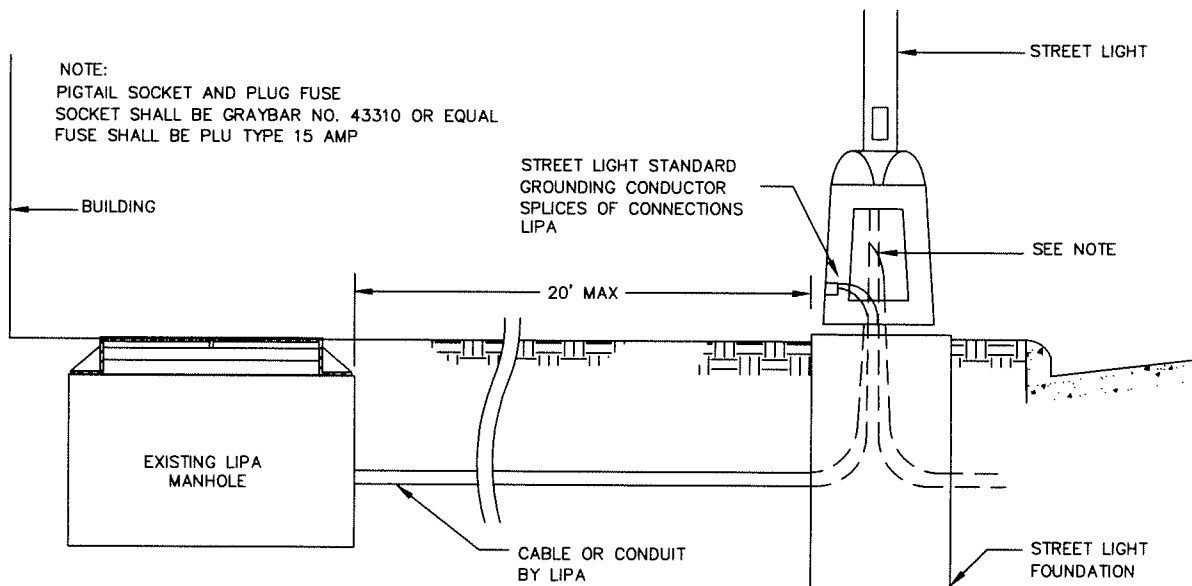
35

NOTE:
 SUBMERSIBLE TYPE FUSE ASSEMBLY
 SHALL BE ELASTIMOLD DIVISION CONNECTOR KIT CATALOG NO
 64-A6-A6 WITH MIDGET SIZE CARTRIDGE FUSE BUSS.
 LIMITRON CATALOG NO KTK (OR EQUAL) SIZED TO LOAD.



PLAN VIEW SHOWING STREET LIGHT BEYOND 20' MAXIMUM DISTANCE

N.T.S.



ELEVATION SHOWING STREET LIGHT WITHIN 20' MAXIMUM DISTANCE

N.T.S.

NOTE:
 SERVICE FROM L.I.P.A.
 NETWORK FACILITIES

VILLAGE OF ISLANDIA
 SUFFOLK COUNTY, NEW YORK

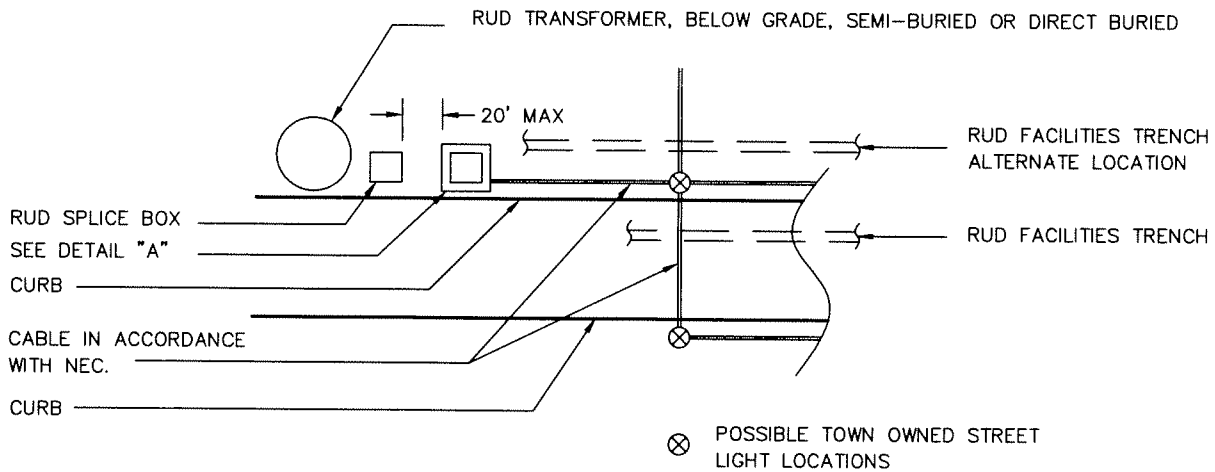
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
 JANUARY 2010

DETAIL NAME:
 STREET LIGHTING

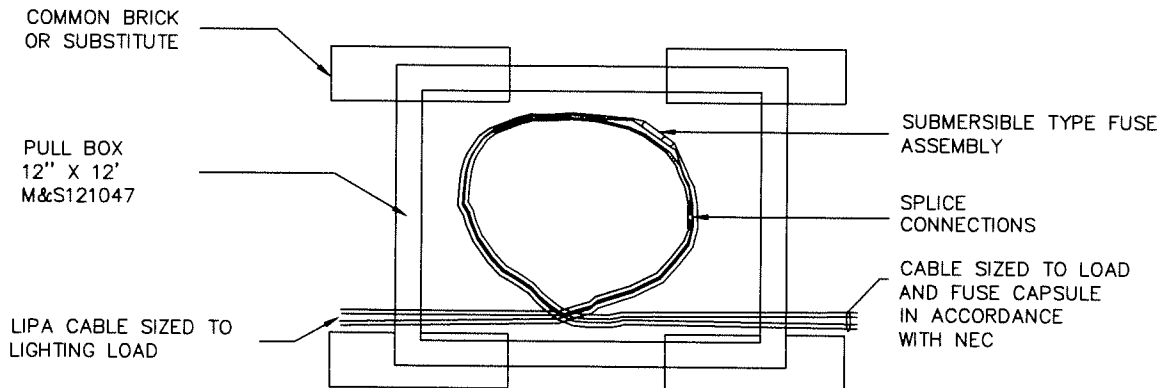
DETAIL NO:

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LIPA DRAWING
C5-6624 SPLICE BOX

N.T.S.



DETAIL "A"
TOP VIEW WITHOUT COVER

N.T.S.

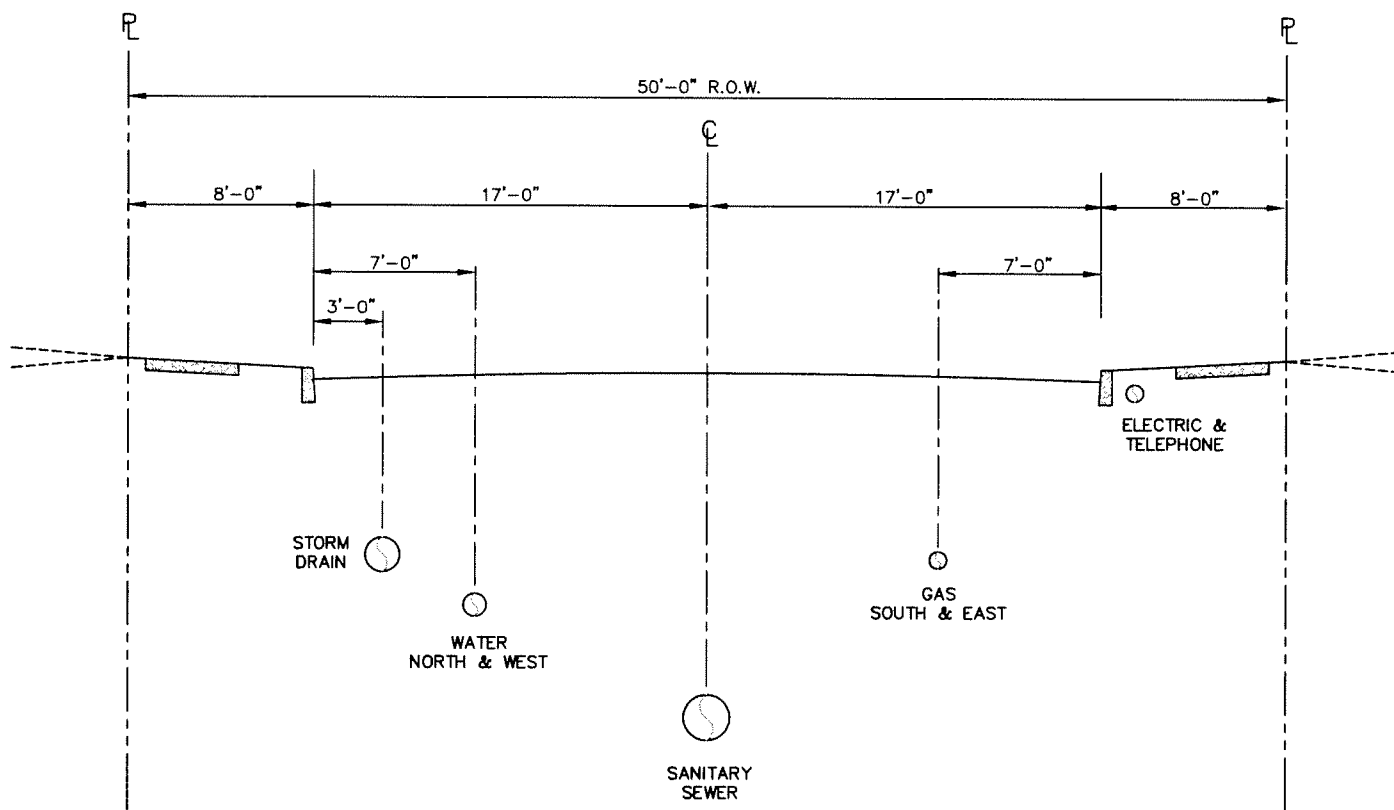
NOTES:

1. THE FOLLOWING OR EQUIVALENT FUSE ASSEMBLY AND FUSE, SIZED TO THE CABLE AND THE LOAD SHALL BE: FUSE ASSEMBLY-ELASTIMOLD DIVISION FUSED CONNECTOR LIT STYLE #64 FUSE-BUSSMAN MIDGET CAT. #KTK
2. ALL LIGHTING STANDARDS MUST BE PROPERLY GROUNDED AND BONDED TO THE LIPA SYSTEM BY MEANS OF AN INDIVIDUAL CONDUCTOR SEPARATE FROM THE STREET LIGHTING NEUTRAL.
3. IN NO CASE WILL THE STREET LIGHTENING SERVICE CABLE BE TAPPED INTO A SECONDARY MAIN OR SERVICE CABLE.

NOTE:

SUPPLY FROM L.I.P.A. OWNED
RUD FACILITIES TO STREET
SERVICE FROM L.I.P.A.

VILLAGE OF ISLANDIA SUFFOLK COUNTY, NEW YORK	APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS		DETAIL NO:
	DATE: JANUARY 2010	DETAIL NAME: STREET LIGHTING	37



TYPICAL SECTION

N.T.S.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

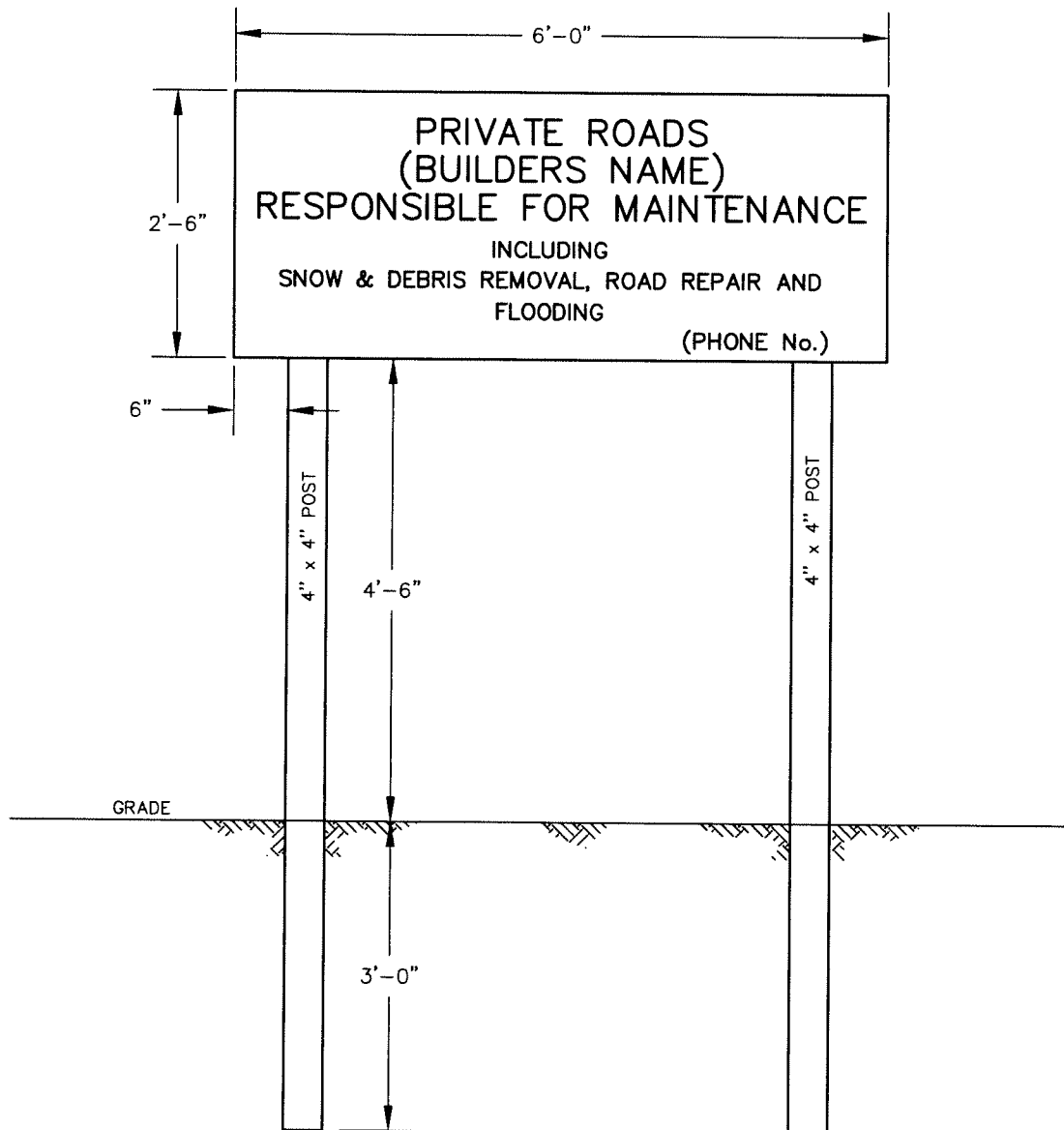
APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
LOCATION OF UTILITIES
IN THE RIGHT OF WAY

DETAIL NO:

38



NOTES:

1. SIGNS TO BE 3/8" EXTERIOR PLYWOOD.
2. FINISHED WITH 2 COATS OF WHITE EXTERIOR PAINT.
3. LETTERING IN BLACK WITH 1/4" BRUSH STROKE.
4. SIGN SHALL BE LOCATED IN A CONSPICUOUS LOCATION NEAR THE MAIN ENTRANCE TO THE DEVELOPMENT.
5. LOCATION, CONSTRUCTION & LETTERING OF SIGN SUBJECT TO BUILDING DEPARTMENT APPROVAL.
6. SIGN SHALL REMAIN PROMINENTLY DISPLAYED THROUGHOUT CONSTRUCTION AND UNTIL DEDICATION.

VILLAGE OF ISLANDIA
SUFFOLK COUNTY, NEW YORK

APPENDIX "A" – VILLAGE CONSTRUCTION STANDARDS

DATE:
JANUARY 2010

DETAIL NAME:
DEVELOPER MAINTENANCE SIGN

DETAIL NO:

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