

BEFORE YOU DIG, DRILL OR BLAST!
 -CALL TOLL FREE 1-800-962-7962
 -NY INDUSTRIAL CODE RULE 753 REQUIRES NO LESS THAN TWO WORKING DAYS NOTICE, BUT NOT MORE THAN TEN DAYS NOTICE.
 -UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NYS EDUCATION LAW.
 -THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THE SET.

RECORD OWNER
 TEMPLE HILL REALTY LLC
 27 WATER WAY
 NEWBURGH, NEW YORK 12550

RECORD APPLICANT
 WARWICK PROPERTIES, LLC
 2 LIBERTY COURT
 WARWICK, NEW YORK 10990

BULK REQUIREMENTS
WORKFORCE HOUSING OVERLAY ZONE (WHO)

	MIN. REQUIRED	PROVIDED
LOT AREA (AC.)	5	19.5
FRONT YARD (FT.)	75	505
REAR YARD (FT.)	50	52
SIDE YARD (FT.)	50	51
BOTH SIDE YARDS (FT.)	100	126
LOT WIDTH (FT.)	50	313
MAX. PERMITTED		
DEV. COVERAGE (%)	75	40
BLDG. HEIGHT	3 STORIES/ 50 FT	3

BULK REQUIREMENTS
TOTALLY AFFORDABLE SENIOR CITIZEN HOUSING ZONE (SCO)

	MIN. REQUIRED	PROVIDED
LOT AREA (AC.)	2	19.5
FRONT YARD (FT.)	25	144
REAR YARD (FT.)	25	102
SIDE YARD (FT.)	25	31
BOTH SIDE YARDS (FT.)	50	134
LOT WIDTH (FT.)	N/A	N/A
MAX. PERMITTED		
DEV. COVERAGE (%)	80	40
BLDG. HEIGHT	3 STORIES/ 50 FT	3

UNIT BREAKDOWN

WORKFORCE HOUSING	
NO. OF (1) BEDROOM UNITS:	68
NO. OF (2) BEDROOM UNITS:	14
NO. OF (3) BEDROOM UNITS:	2
TOTAL NO. OF W.F.H. UNITS:	84
SENIOR HOUSING	
NO. OF (1) BEDROOM UNITS:	186
NO. OF SUPERS APT. UNITS(3 BEDROOMS):	2
TOTAL NO. OF UNITS:	188
TOTAL NO. OF W.F.H. & SENIOR HOUSING UNITS: 272	

SHEET INDEX

- COVER SHEET
- OVERALL SITE PLAN SHEET
- SECTION MAP
- GRADING PLAN
- GRADING PLAN 2
- UTILITY PLAN
- LANDSCAPE PLAN
- LANDSCAPE DETAILS
- LIGHTING PLAN
- EROSION CONTROL PLAN
- EROSION CONTROL DETAILS
- ROAD "A" PROFILE - STA. 0+00~10+00
- ROAD "A" PROFILE - STA. 10+00~17+85
- ROAD "B" PROFILE
- ROAD "C" PROFILE
- ROADS "D" & "E" PROFILES
- DETAILS
- DETAILS
- DETAILS
- ROAD EXTENSION PLANS
- N.Y.S.D.O.T. PLANS
- N.Y.S.D.O.T. PLANS
- N.Y.S.D.O.T. PLANS
- N.Y.S.D.O.T. DETAILS

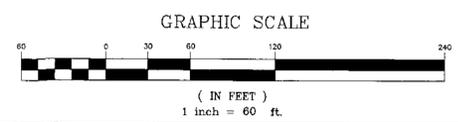
PARKING CALCULATIONS

FOR WORKFORCE HOUSING UNITS - 2.0 SPACES PER UNIT	84 TOTAL WORKFORCE HOUSING UNITS	84 UNITS x 2.0 SPACES/UNIT = 168.0 SPACES
FOR TOTALLY AFFORDABLE SR. CIT. UNITS - 1.0 SPACES PER UNIT	188 TOTAL SR. CIT. HOUSING UNITS	188 UNITS x 1.0 SPACES/UNIT = 188.0 SPACES
	2 SUPER UNITS(3 BEDROOM) x 2.0 SPACES/UNIT	= 4.0 SPACES
TOTAL NO. OF SPACES REQUIRED:		= 358 SPACES
TOTAL NO. OF SPACES PROVIDED:		= 358 SPACES

GENERAL NOTES

- THIS FACILITY TO BE SERVED BY CENTRAL WATER AND SEWER FACILITIES.
- TOTAL PROPOSED AREA OF PARCEL: 19.5± ACRES.
- TOTAL NUMBER OF WORKFORCE HOUSING UNITS: 84
- TOTAL NUMBER OF SENIOR CIT. HOUSING UNITS: 188
- TAX MAP DESIGNATION: SECTION 35 BLOCK 1 LOT 28
- THERE ARE NO N.Y.S.D.E.C. WETLANDS ON-SITE.
- PARCEL IS LOCATED IN THE R-5 ZONING DISTRICT.
- TREE REMOVAL SHOULD OCCUR BETWEEN OCTOBER 1 AND MARCH 31.
- PRIOR TO THE CLEARING OF TREES OR ANY CONSTRUCTION ACTIVITY, THE LIMITS OF CLEARING SHALL BE CLEARLY DELINEATED.
- THE PARKING SPACES INDICATED AS "BANKED PARKING" SHALL BE CONSTRUCTED IF AND WHEN THE TOWN OF NEW WINDSOR BUILDING INSPECTOR DEEMS ADDITIONAL PARKING FOR THE PROJECT NECESSARY.
- MASS GRADING FOR ENTIRE SITE SHALL BE COMPLETED, AS OUTLINED ON SHEET 11, PRIOR TO INSTALLATION OF UTILITIES.
- PROPOSED ROAD A AND ASSOCIATED UTILITIES ARE TO BE INSTALLED PRIOR TO CONSTRUCTION OF THE PROPOSED SENIOR HOUSING AND WORKFORCE SITE IMPROVEMENTS.
- THE PROPOSED WIDENING OF N.Y.S. RT. 300 SHALL BE COMPLETED AND ACCEPTED BY NYS DOT AND TOWN OF NEW WINDSOR PRIOR TO THE FIRST ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR ANY OF THE PROPOSED BUILDINGS.

PLANNING BOARD #11-14
 FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL



DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYS DOT COMMENTS 4-23-13	MP
04/08/13	NYS DOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TBE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/26/12	REVISE STORMWATER PIPING	TBE
12/5/12	PER WORK SHOP COMMENTS	TBE
11/29/12	PER PLANNING BOARD COMMENTS	TBE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TBE
07-19-12	PER MHE SWPPP COMMENTS	TBE
05-11-12	PER TOWN ENGINEER COMMENTS	TBE
05-01-12	FOR TOWN WORKSHOP 5-2-12	TBE
01-10-12	AS PER EMAILS W/ JIM HALL	TBE
01-05-12	SITE GRADING	TBE
10-12-11	AS PER CLIENT COMMENTS	JJP
9-29-11	AS PER CLIENT COMMENTS	JJP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

PIETRZAK & PFAU
 ENGINEERING & SURVEYING, PLLC
 282 GREENWICH AVENUE, SUITE A
 GOSHEN, NEW YORK 10824
 (845) 294-0806

2 HAMILTON AVENUE
 MONTICELLO, NEW YORK 12701
 (845) 796-4646

MICHAEL P. GOSWAMI, P.E.
 LICENSE NO. 068345

JOSPH P. PFAU, P.E.
 LICENSE NO. 068345

PROJECT: TEMPLE HILL APARTMENTS
 SHEET NO. 1 OF 24
 DATE: 5-6-13

TEMPLE HILL APARTMENTS
 TOWN OF NEW WINDSOR
 COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
COVER SHEET
 SECTION 35 BLOCK 1 LOT 28

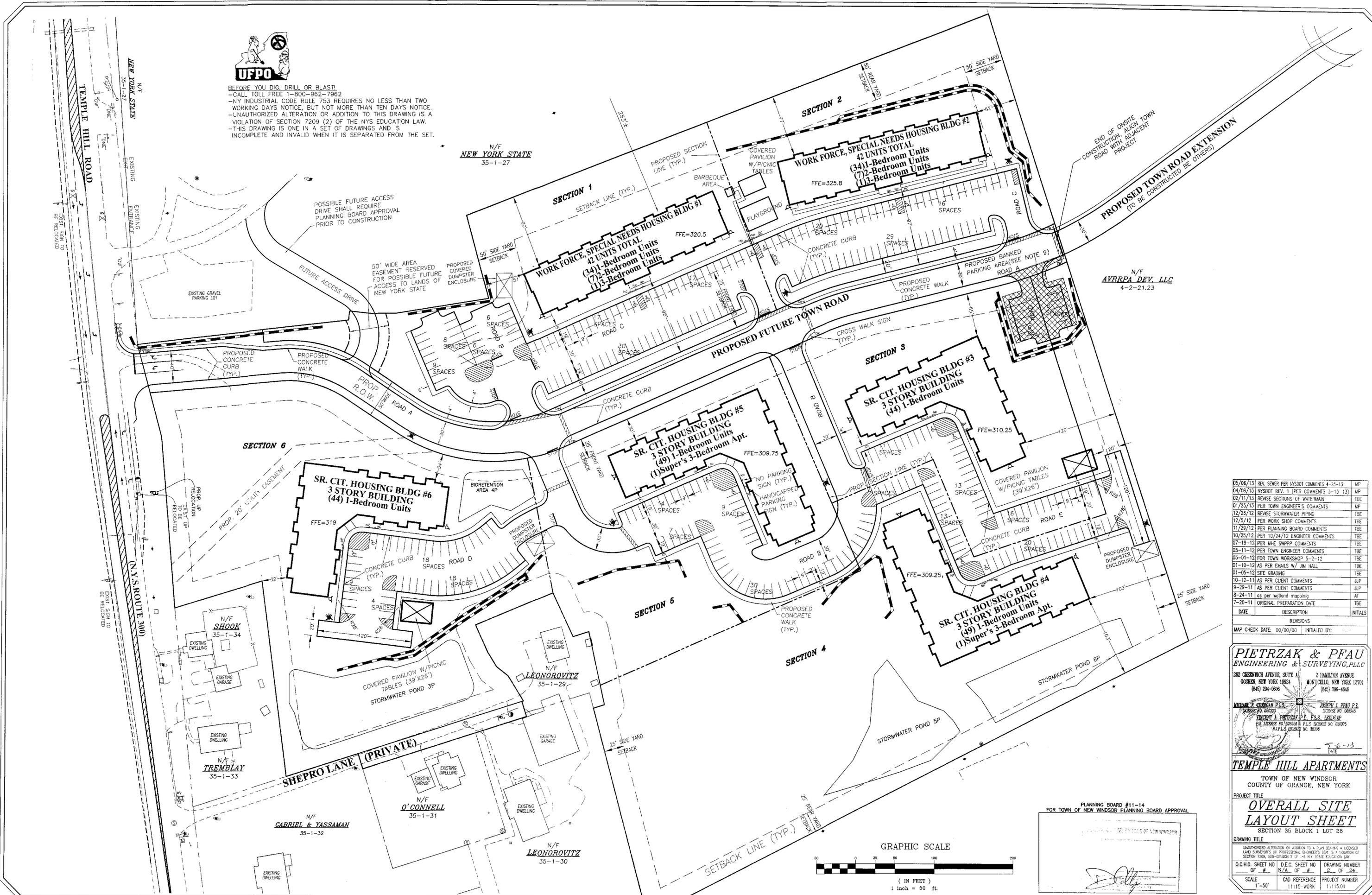
DRAWING TITLE
 UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN HAVING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUBSECTION 1 OF THE N.Y. STATE EDUCATION LAW.

C.C.H.D. SHEET NO. 1 OF 24
 D.E.C. SHEET NO. 1 OF 24
 SCALE: 1"=60'

SCALE CAD REFERENCE PROJECT NUMBER
 1:1115-WORK 1:1115.01



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05/06/13	REV. SEWER PER NYSOT COMMENTS 4-23-13	MP
04/08/13	NYSOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TBE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/25/12	REVISE STORMWATER PIPING	TBE
12/5/12	PER WORK SHOP COMMENTS	TBE
11/29/12	PER PLANNING BOARD COMMENTS	TBE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TBE
07-19-12	PER MHE SWPPP COMMENTS	TBE
05-11-12	PER TOWN ENGINEER COMMENTS	TBE
05-01-12	FOR TOWN WORKSHOP 5-2-12	TBE
01-10-12	AS PER EMAILS W/ JIM HALL	TBE
01-05-12	SITE GRADING	TBE
10-12-11	AS PER CLIENT COMMENTS	JUP
9-29-11	AS PER CLIENT COMMENTS	JUP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

MAP CHECK DATE: 00/00/00 INITIALED BY: --

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 2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 799-6646

MICHAEL T. COCHRAN P.E.S. LICENSE NO. 66893
 VINCENT A. PIETRZAK P.E., P.S. LICENSE NO. 12800-AP
 P.E. LICENSE NO. 67688-11 P.E. LICENSE NO. 050075
 N.Y.S. LICENSE NO. 3536

DATE: 7-6-13

TEMPLE HILL APARTMENTS
 TOWN OF NEW WINDSOR
 COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
OVERALL SITE LAYOUT SHEET
 SECTION 35 BLOCK 1 LOT 28

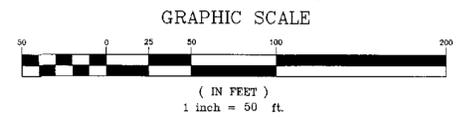
DRAWING TITLE

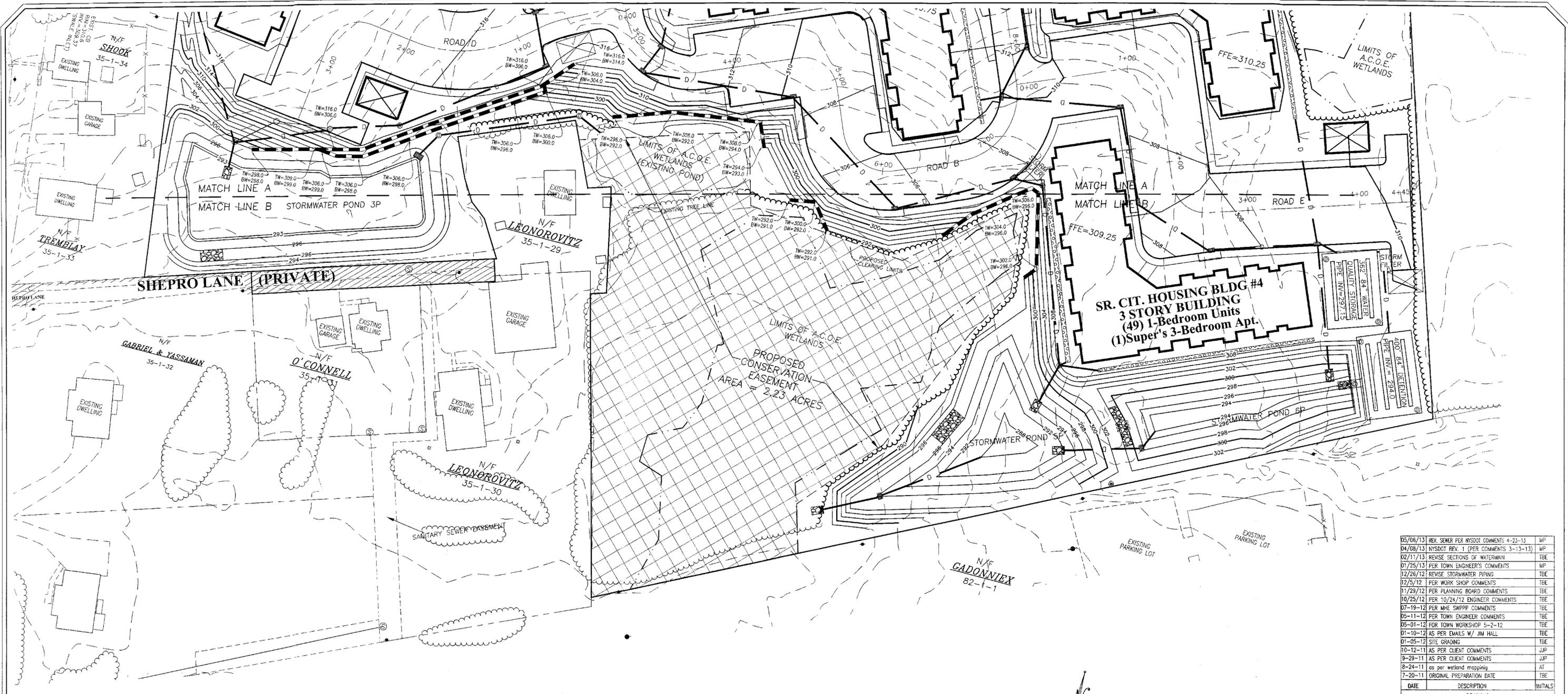
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEHIND A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW

O.C.H.D. SHEET NO. 11115-WORK D.E.C. SHEET NO. 11115-WORK DRAWING NUMBER 11115.01

SCALE: 1"=50' CAD REFERENCE: 11115-WORK PROJECT NUMBER: 11115.01

PLANNING BOARD #11-14
 FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL



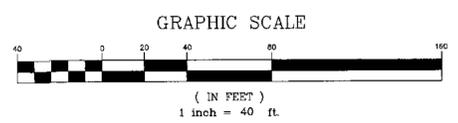
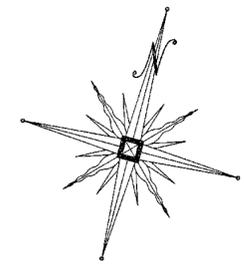


- LEGEND**
- EXISTING PROPERTY LINE
 - EXISTING SIGN
 - EXISTING UTILITY POLE
 - ⊙ EXISTING SANITARY SEWER MANHOLE
 - ⊕ PROPOSED STORM DRAIN
 - ⊙ PROPOSED SANITARY SEWER MANHOLE
 - ⊕ PROPOSED HYDRANT
 - ⊕ PROPOSED SIAMASE CONNECTION
 - EXISTING 2' CONTOUR LINE
 - EXISTING 10' CONTOUR LINE
 - PROPOSED 2' CONTOUR LINE
 - PROPOSED 10' CONTOUR LINE
 - PROPOSED RETAINING WALL
 - PROPOSED DRAINAGE SEWER
 - TYPE A STORM WATER PLANTER
 - TYPE B STORM WATER PLANTER



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Soil Restoration Note:
 To increase infiltration of storm water and improve direct groundwater recharge from rain events, soil restoration practices, as outlined in chapter 5.1.6 of the New York State Stormwater Management Design Manual, should be applied to the site. Aeration and deep ripping procedures shall be as described in Appendix 12 of SWPPP, and shall be applied to all flat to moderately sloped areas of soil disturbance which are proposed to remain pervious.



PLANNING BOARD #11-14
 FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

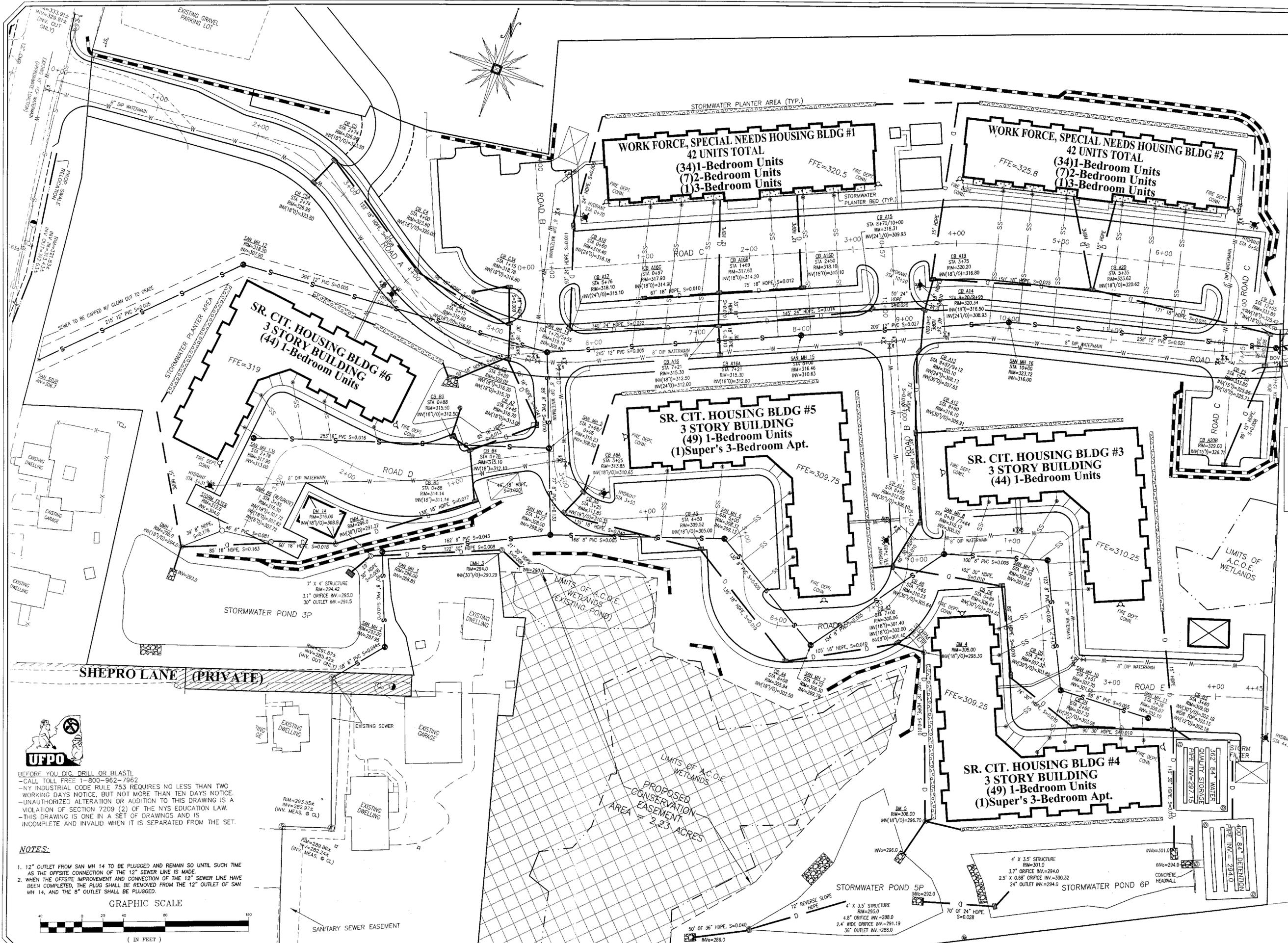


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 282 GREENWICH AVENUE, SUITE A GARDEN, NEW YORK 10024 (945) 294-0806
 2 HAMILTON AVENUE MONTICELLO, NEW YORK 12001 (845) 796-4646

Michael J. Pietrzak, P.E., P.S., License No. 060075
 Joseph J. Pfauf, P.E., License No. 060075
 DATE: 5-6-13

TEMPLE HILL APARTMENTS
 TOWN OF NEW WINDSOR
 COUNTY OF ORANGE, NEW YORK
 PROJECT TITLE: **GRADING PLAN 2**
 SECTION 35 BLOCK 1 LOT 28
 DRAWING TITLE: **GRADING PLAN 2**
 UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN DRAWING IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.
 O.C.H.D. SHEET NO. OF # N.A. OF # DRAWING NUMBER OF # OF #
 SCALE: 1"=40' CAD REFERENCE: 11115-W00K PROJECT NUMBER: 11115.01



LEGEND

- EXISTING PROPERTY LINE
- EXISTING SIGN
- EXISTING UTILITY POLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED SIAMESE CONNECTION
- EXISTING 2' CONTOUR LINE
- EXISTING 10' CONTOUR LINE
- PROPOSED 2' CONTOUR LINE
- PROPOSED 10' CONTOUR LINE
- EXISTING TREE LINE
- PROPOSED CLEARING LIMIT
- PROPOSED RETAINING WALL
- PROPOSED WATERMAIN
- PROPOSED DRAINAGE SEWER
- PROPOSED SANITARY SEWER
- PROPOSED SANITARY SEWER SERVICE
- PROPOSED CLEAN OUT
- PROPOSED WATER VALVE
- PROPOSED BLOW OFF VALVE
- TYPE A STORM WATER PLANTER
- TYPE B STORM WATER PLANTER

END OF CONSTRUCTION

WATERMAIN TO BE CAPPED DIRECTLY AFTER VALUE FOR FUTURE CONNECTION.

PLANNING BOARD #11-14

FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

[Signature]

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8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

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282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10824
(945) 284-6908

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(945) 796-4646

[Signatures]

TEMPLE HILL APARTMENTS

TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

UTILITY PLAN

SECTION 35 BLOCK 1 LOT 28

DRAWING TITLE

UNAUTHORIZED ALTERATION OR ACTION TO A PLAN, SPECIFICATION, OR CONSTRUCTION DOCUMENT IS A VIOLATION OF SECTION 7209, SUBSECTION 2 OF THE NYS EDUCATION LAW, ARTICLE 17, PART 1701.2(b)(2)

C.C.H.D. SHEET NO. D.E.C. SHEET NO. DRAWING NUMBER
OF # N/A OF #

SCALE: 1"=40' CAD REFERENCE PROJECT NUMBER
11115-WORK 11115.01

NOTES:

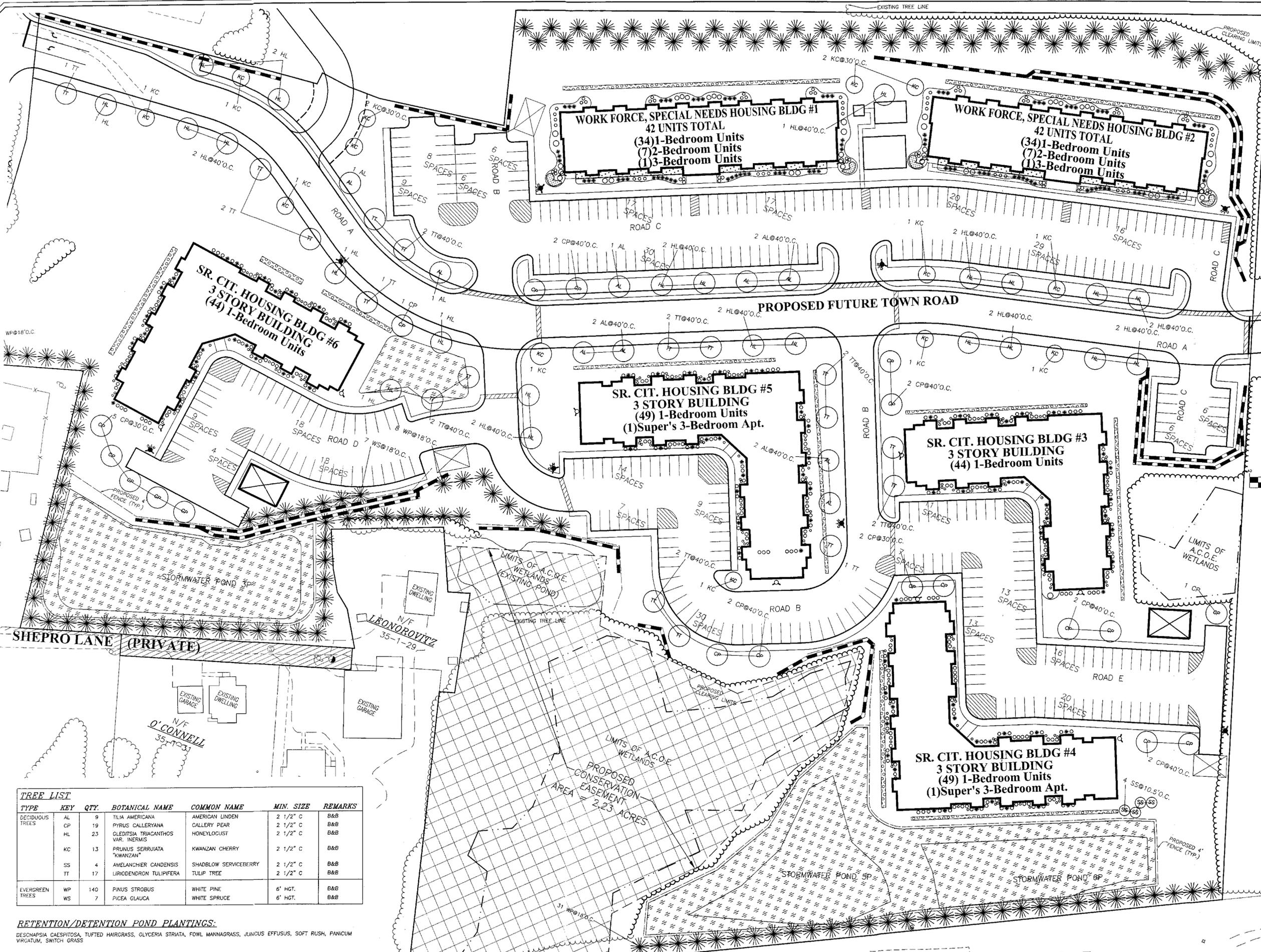
- 12" OUTLET FROM SAN MH 14 TO BE PLUGGED AND REMAIN SO UNTIL SUCH TIME AS THE OFFSITE CONNECTION OF THE 12" SEWER LINE IS MADE.
- WHEN THE OFFSITE IMPROVEMENT AND CONNECTION OF THE 12" SEWER LINE HAVE BEEN COMPLETED, THE PLUG SHALL BE REMOVED FROM THE 12" OUTLET OF SAN MH 14, AND THE 8" OUTLET SHALL BE PLUGGED.

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

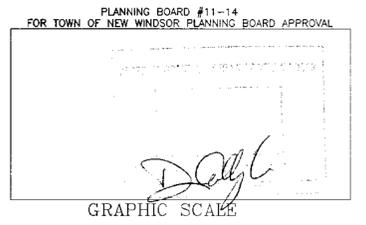
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LANDSCAPE PLAN LEGEND

- PROPOSED DECIDUOUS TREES
- ★ PROPOSED EVERGREEN TREES
- PROPOSED SHRUBS
- ▨ PROPOSED PERENNIALS
- ▨ PROPOSED RETENTION / DETENTION POND PLANTINGS
- PROPOSED CLEARING LIMITS
- EXISTING TREE LINES
- PROPOSED FENCES



(IN FEET)
1 inch = 40 ft.

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MICHAEL P. CROCIAN, P.E. LICENSE NO. 068895
JOSEPH J. PFAU, P.E. LICENSE NO. 068895
DATE: 5-6-13

TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

LANDSCAPE PLAN

SECTION 35 BLOCK 1 LOT 28
DRAWING TITLE
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 2203, SUBSECTION 2 OF THE N.Y. STATE EDUCATION LAW.
O.C.H.D. SHEET NO. N/A OF # OF 24
SCALE: 1"=40' CAD REFERENCE: 11115-WORK PROJECT NUMBER: 11115.01

TREE LIST

TYPE	KEY	QTY.	BOTANICAL NAME	COMMON NAME	MIN. SIZE	REMARKS
DECIDUOUS TREES	AL	9	TILIA AMERICANA	AMERICAN LINDEN	2 1/2" C	B&B
	CP	19	PYRUS CALLERYANA	CALLERY PEAR	2 1/2" C	B&B
	HL	23	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	2 1/2" C	B&B
	KC	13	PRUNUS SERRUATA "KWANZAN"	KWANZAN CHERRY	2 1/2" C	B&B
	SS	4	AMELANCHIER CANDENSIS	SHADBLow SERVICEBERRY	2 1/2" C	B&B
	TT	17	LIRIODENDRON TULIPIFERA	TULIP TREE	2 1/2" C	B&B
EVERGREEN TREES	WP	140	PINUS STROBUS	WHITE PINE	6' HGT.	B&B
	WS	7	PICEA GLAUCA	WHITE SPRUCE	6' HGT.	B&B

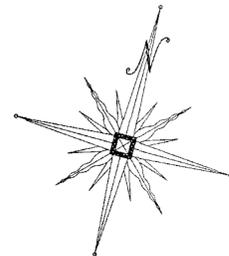
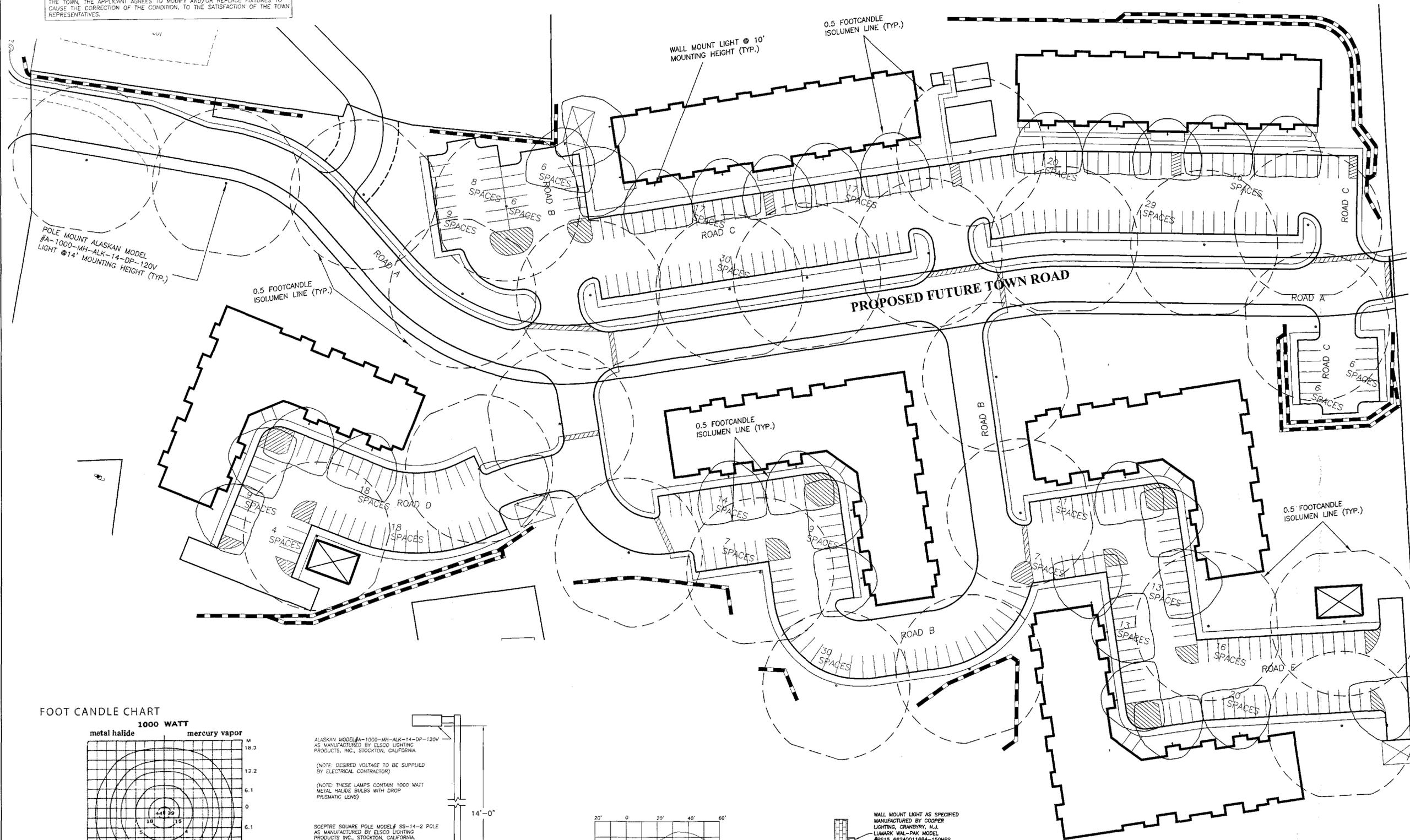
RETENTION/DETENTION POND PLANTINGS:
DESCHAMPSIA CAESPITOSA, TUFTED HAIRGRASS, GLYCERIA STRIATA, FOWL MANNAGRASS, JUNCUS EFFUSUS, SOFT RUSH, PANICUM VIRGATUM, SWITCH GRASS

PLANNING BOARD'S ACCEPTANCE OF THE LIGHTING DESIGN SHOWN HEREON IS PREMISED ON THE REPRESENTATION OF THE APPLICANT THAT THE LIGHTING WILL NOT CAUSE A GLARE OR OTHER DELETERIOUS EFFECT ON ADJOINING PROPERTIES AND/OR ROADWAY TRAFFIC. SHOULD ANY SUCH CONDITIONS RESULT FROM INSTALLATION, IN THE SOLE OPINION OF THE AUTHORIZED REPRESENTATIVES OF THE TOWN, THE APPLICANT AGREES TO MODIFY AND/OR REPLACE FIXTURES TO CAUSE THE CORRECTION OF THE CONDITION, TO THE SATISFACTION OF THE TOWN REPRESENTATIVES.

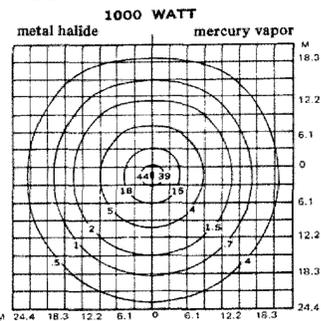
THIS PLAN FOR LIGHTING DESIGN PURPOSES ONLY. FOR ALL OTHER DESIGN INFORMATION REFER TO OTHER SHEETS OF THIS DRAWING SET.

NOTES:

1. ALL EXTERIOR LIGHTING SHALL HAVE DAYLIGHT SENSORS OR TIMERS INSTALLED. ALL EXTERIOR LIGHTS ARE TO BE DOWNWARD FACING, AND SHIELDED, TO MINIMIZE SPILL OVER OF GLARE.
2. A WALL MOUNTED LIGHT W/ MOTION SENSOR LOCATED AT THE ENTRANCE TO ALL DUMPSTER ENCLOSURES, SHALL ACTIVATE THE RECESSED LIGHTING LOCATED WITHIN THE INTERIOR OF THE DUMPSTER ENCLOSURES.



FOOT CANDLE CHART



MOUNTING HEIGHT - 14'0" - 4.3 m
MOUNTING ANGLE - 0°

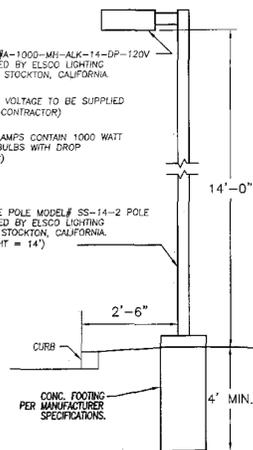
Mounting Height	HEIGHT CORRECTION MULTIPLIER				
	12'	14'	16'	18'	20'
3.7 m	1.36	1.00	.79	.66	.55

ALASKAN MODEL #A-1000-MH-ALK-14-DP-120V AS MANUFACTURED BY ELSCO LIGHTING PRODUCTS, INC., STOCKTON, CALIFORNIA

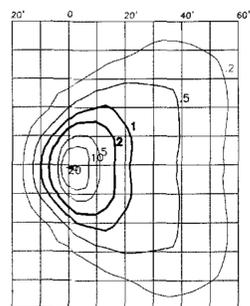
(NOTE: DESIRED VOLTAGE TO BE SUPPLIED BY ELECTRICAL CONTRACTOR)

(NOTE: THESE LAMPS CONTAIN 1000 WATT METAL HALIDE BULBS WITH DROP PRISMATIC LENS)

SCOPE SQUARE POLE MODEL # SS-14-2 POLE AS MANUFACTURED BY ELSCO LIGHTING PRODUCTS, INC., STOCKTON, CALIFORNIA. (MOUNTING HEIGHT = 14')



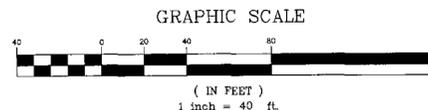
LIGHTING DETAIL
(TYPICAL AREA LIGHT OPTION)



FOOTCANDLE TABLE FOR WALL MOUNTED LIGHTING

WALL MOUNT LIGHT AS SPECIFIED MANUFACTURED BY COOPER LIGHTING, CRANFORD, N.J. LUMARK WAL-PAK MODEL #P15 68240011684-100HPS (WALL MOUNT @ 10') OR APPROVED EQUIVALENT. EQUIVALENT FIXTURE MUST CONTAIN HOUSE SIDE SHIELD SO AS TO PREVENT GLARE OVER BUILDINGS OR OUTSIDE PROPERTY LINE. (TO BE ANCHORED ACCORDING TO MANUFACTURERS SPECIFICATIONS)

WALL MOUNT LIGHTING DETAIL



DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYSOT COMMENTS 4-23-13	MP
04/08/13	NYSOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TBE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/26/12	REVISE STORMWATER PIPING	TBE
12/5/12	PER WORK SHOP COMMENTS	TBE
11/29/12	PER PLANNING BOARD COMMENTS	TBE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TBE
07-19-12	PER MHE SWPPP COMMENTS	TBE
05-11-12	PER TOWN ENGINEER COMMENTS	TBE
05-01-12	FOR TOWN WORKSHOP 5-2-12	TBE
01-10-12	AS PER EMAILS W/ JIM HALL	TBE
01-05-12	SITE GRADING	TBE
10-12-11	AS PER CLIENT COMMENTS	JJP
9-29-11	AS PER CLIENT COMMENTS	JJP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

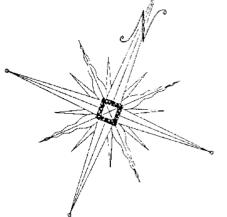
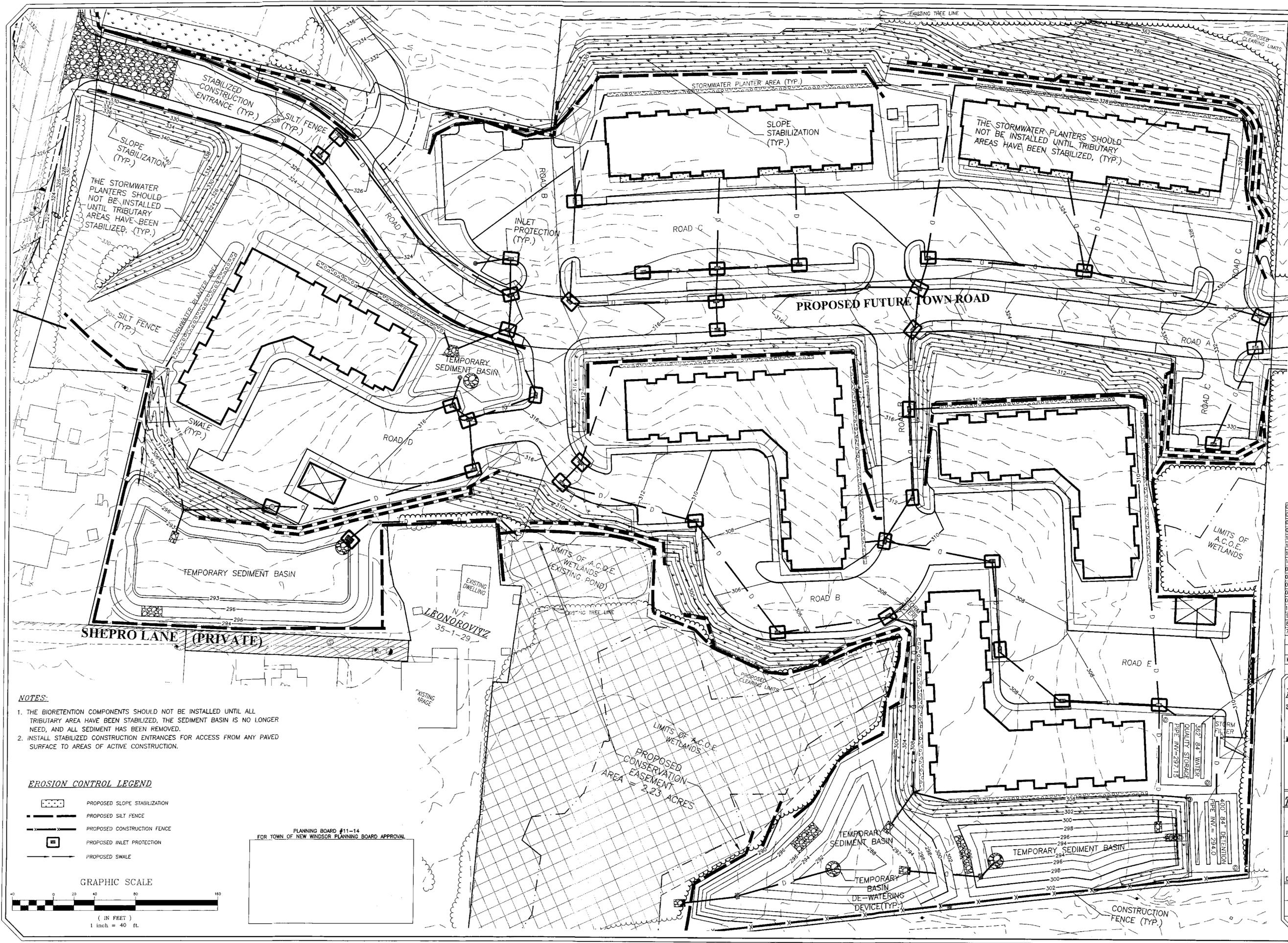
MAP CHECK DATE: 02/00/00 INITIALED BY: --

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(845) 284-0806

MICHAEL P. CROGAN P.E.
LICENSE NO. 00022
PIETRZAK & PFAU P.E.
LICENSE NO. 00045
DATE: 5-6-13

TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

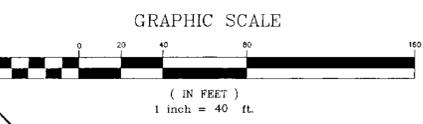
PROJECT TITLE
LIGHTING PLAN
SECTION 35 BLOCK 1 LOT 28
DRAWING TITLE
UNAUTHORIZED ALTERATION OF ANY KIND TO A PLAN, SPECIFICATION, LICENSEE'S SEAL OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 2209, SUBSECTION 2 OF THE N.Y. STATE EDUCATION LAW.
O.C.H.D. SHEET NO. OF # D.E.C. SHEET NO. N/A. OF # DRAWING NUMBER OF # OF 34
SCALE 1"=40' CAD REFERENCE 11115-WQ-01 PROJECT NUMBER 11115.01



- NOTES:**
1. THE BIORETENTION COMPONENTS SHOULD NOT BE INSTALLED UNTIL ALL TRIBUTARY AREA HAVE BEEN STABILIZED, THE SEDIMENT BASIN IS NO LONGER NEEDED, AND ALL SEDIMENT HAS BEEN REMOVED.
 2. INSTALL STABILIZED CONSTRUCTION ENTRANCES FOR ACCESS FROM ANY PAVED SURFACE TO AREAS OF ACTIVE CONSTRUCTION.

EROSION CONTROL LEGEND

- PROPOSED SLOPE STABILIZATION
- PROPOSED SILT FENCE
- PROPOSED CONSTRUCTION FENCE
- PROPOSED INLET PROTECTION
- PROPOSED SWALE



PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYSDOT COMMENTS 4-23-13	MP
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MAP CHECK DATE: 00/00/00 INITIALED BY: --

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P.E. LICENSE NO. 00008 / P.L.S. LICENSE NO. 65005
N.Y.P.L.S. LICENSE NO. 35396

TEMPLE HILL APARTMENTS

TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
EROSION CONTROL PLAN

SECTION 35 BLOCK 1 LOT 28

DRAWING TITLE
UNAUTHORIZED REPRODUCTION OR ALTERATION OF THIS PLAN IS A VIOLATION OF THE PROFESSIONAL SEAL OF A LICENSED LAND SURVEYOR OR PROFESSIONAL QUALITY'S SEAL OF A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. N/A	D.E.C. SHEET NO. 13	DRAWING NUMBER 13 OF 24
SCALE 1"=40'	CAD REFERENCE 11115-WORK	PROJECT NUMBER 11'15.01

GENERAL EROSION CONTROL NOTES

- CONSTRUCTION EQUIPMENT SHALL NOT UNNECESSARILY CROSS LIVE STREAMS OR DRAINAGE SWALES EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER APPROVED METHODS.
- WHEREVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED.
- ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT.
- WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.
- ALL WORK SHALL BE IN ACCORDANCE WITH ALL OF THE ATTACHED DRAWINGS.

EROSION CONTROL MAINTENANCE REQUIREMENTS

- THE MAINTENANCE OF EROSION CONTROL DEVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE JOB SUPERINTENDENT WILL MONITOR THE CONDITION OF ALL THE DEVICES, CLEAN OR REPLACE STRUCTURES AS CLIMATIC CONDITIONS REQUIRE. THE DEVELOPER WILL ALSO BE SUBJECT TO THE DIRECTIVE OF THE DESIGN ENGINEER AND TOWN REPRESENTATIVES TO INCLUDE TOWN ENGINEER, HIGHWAY SUPERINTENDENT AND BUILDING INSPECTOR.
- GENERAL CONTRACTOR AND ALL CONTRACTORS SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE APPROVED PLANS AND MAY BE SUBJECT TO ADDITIONAL EROSION CONTROL REQUIREMENTS AS CONDITIONS MAY ARISE IN THE FIELD OR AS DIRECTED BY THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES IN ACCORDANCE WITH THE APPROVED PLANS, MANUFACTURER'S RECOMMENDATIONS AS DIRECTED BY THE DESIGN ENGINEER AND TOWN REPRESENTATIVES INCLUDING TOWN ENGINEER, HIGHWAY SUPERINTENDENT AND BUILDING INSPECTOR.
- NO EROSION CONTROL STRUCTURES SHALL BE REMOVED UNTIL ALL WORK UPSTREAM THEREFROM HAS BEEN COMPLETED, INCLUDING STABILIZATION AND APPROVED BY THE DESIGN ENGINEER AND TOWN REPRESENTATIVES.
- ALL CONSTRUCTION EQUIPMENT SHALL HAVE PROPERLY SIZED MAINTAINED MUFFLERS.
- ALL CONSTRUCTION EQUIPMENT SHALL BE TURNED OFF WHEN NOT IN USE.

PERMANENT SEEDING MIXTURES

MODERATE TO STEEP SLOPES AND LOW MAINTENANCE AREAS

SPECIES	APPLICATION RATE
EMPIRE BIRDSFOOT TREFLOID	8 LBS/ACRE
TALL FESCUE	20 LBS/ACRE
RYEGRASS	5 LBS/ACRE

GENERAL RECREATION AREAS AND LAWNS

SPECIES	APPLICATION RATE
SUNNY SITES (WELL, MODERATELY WELL AND SOMEWHAT POORLY DRAINED SOILS)	
65% KENTUCKY BLUEGRASS BLEND	85-114 LBS/ACRE
20% PERENNIAL RYEGRASS	26-35 LBS/ACRE
15% FINE FESCUE	19-26 LBS/ACRE

SUNNY DROUGHTY SITES (SOMEWHAT EXCESSIVELY TO EXCESSIVELY DRAINED SOILS)

65% FINE FESCUE	114-143 LBS/ACRE
15% PERENNIAL RYEGRASS	26-33 LBS/ACRE
20% KENTUCKY BLUEGRASS BLEND	35-44 LBS/ACRE

SHADY DRY SITES (WELL TO SOMEWHAT POORLY DRAINED SOILS)

83% SHADE TOLERANT KENTUCKY BLUEGRASS BLEND	105-138 LBS/ACRE
20% PERENNIAL RYEGRASS	25-37 LBS/ACRE

SHADY WET SITES (SOMEWHAT POOR TO POORLY DRAINED SOILS)

70% ROUGH BLUEGRASS	60-91 LBS/ACRE
80% SHADE TOLERANT KENTUCKY BLUEGRASS BLEND	25-39 LBS/ACRE

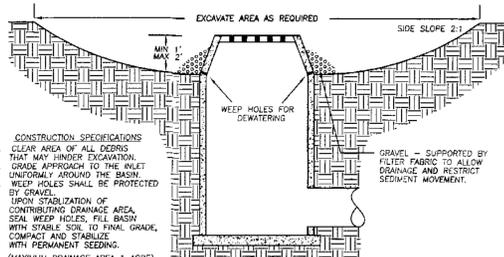
CONSTRUCTION AND EROSION CONTROL SEQUENCE

- MEASURES WILL BE TAKEN TO PREVENT SOIL EROSION DURING PROJECT CONSTRUCTION. ALL FRESHLY DISTURBED AREAS THAT WILL REMAIN DISTURBED FOR MORE THAN A PERIOD OF SEVEN (7) DAYS WILL BE STABILIZED BY TEMPORARY SEEDING.
- ALL DISTURBED AREAS WILL BE MINIMIZED IN SIZE AND SPECIAL CARE WILL BE TAKEN AS TO THEIR LOCATION WITH PROXIMITY TO OTHER FACILITIES SPECIFICALLY, THE FOLLOWING MEASURES WILL BE IMPLEMENTED DURING CONSTRUCTION:
- A SEDIMENTATION BARRIER CONSISTING OF A FILTER FABRIC CHECK DAM WILL BE PLACED THROUGHOUT THE SITE. PLACEMENT IS SHOWN ON THE EROSION CONTROL PLAN (ALSO SEE STREAM, DRAINAGE SWALES, AND EMBANKMENTS NOTE).
 - CREATE DIVERSION SWALES TO DIVERT OFF-SITE WATER PRIOR TO ENTERING THE SITE. INSTALL A CRUSHED STONE VEHICLE WHEEL CLEANING BLANKET WHERE THE CONSTRUCTION ACCESS ROAD INTERSECTS BONIFACE DRIVE, ROUGH GRADE PROPOSED ENTRANCE ROAD, AND INSTALL CATCH BASINS W/ TEMP. INLET PROTECTION.
 - AFTER VEGETATION IS CLEARED FROM AREAS TO BE GRADED, FILLED, OR EXCAVATED, TOPSOIL WILL BE STRIPPED FROM ALL AREAS TO BE DISTURBED. THE TOPSOIL WILL BE STOCKPILED AND STABILIZED WITH A TEMPORARY RYE GRASS COVER. AREAS ARE PLANNED ONLY TO BE CLEARED PRIOR TO CONSTRUCTION ACTIVITY.
 - ROUGH EXCAVATION OF THE PROPOSED STORM WATER DETENTION POND AND OUTLET SHALL BE PERFORMED. UPON COMPLETION OF ROUGH EXCAVATION OF DETENTION POND, OUTER SLOPES SHALL IMMEDIATELY BE STABILIZED WITH PERMANENT SEEDINGS MIXTURES, MULCH AND JUTE.

- ANY AREA WHICH WILL BE UNIMPROVED FOR 7 DAYS OR MORE WILL BE SEEDING WITH A TEMPORARY RYE GRASS MIXTURE. WATER BARS WILL BE CONSTRUCTED AT SUITABLE INTERVALS (VARIES DEPENDING ON SLOPE) ALONG ROUGH OR GRADED ROADWAY TO CONVEY STORMWATER TO RETENTION POND.
- AFTER AREAS ADJACENT TO ROADS HAVE BEEN GRADED AND PERMANENT VEGETATIVE COVER HAS BEEN INSTALLED AND ESTABLISHED, THE SEDIMENT FILTERS ON STORM DRAINAGE INLET WILL BE REMOVED.
- AFTER CONSTRUCTION IS COMPLETED, TEMPORARY DIVERSION SWALES WILL BE REMOVED. STOCKPILED TOPSOIL WILL BE SPREAD TO FINISH GRADES AND PERMANENT LAWNS AND LANDSCAPING WILL BE ESTABLISHED. REMOVE SILT FENCING, IN REVERSE ORDER INSTALLED.
- ALL NEWLY SEEDING VEGETATIVE COVER ON ALL DISTURBED AREAS OF THE SITE WILL BE MAINTAINED. WASHOUTS OR IMPROPERLY GROWING AREAS WILL BE CORRECTED AS THEY OCCUR.

TEMPORARY SEEDING SCHEDULE

- | | |
|--|---|
| SEED | MULCH |
| 1. TEMPORARY SEEDING SEASON:
MARCH 1 TO JUNE 15
AUGUST 15 TO SEPT. 15 | - STRAW, WOOD CHIPS, OR APPROVED FABRICS MAYBE USED AS MULCH |
| 2. SEEDING:
4 LBS. ANNUAL (OR PERENNIAL) RYE/1000 SF.
FERTILIZING:
16 LBS. 10-20-10 COMMERCIAL FERTILIZER/1000 SF.
ANCHOR W/ CUTBACK ASPHALT MEDIUM CURING | - STRAW MULCH CAN BE APPLIED BY MECHANICAL BLOWERS OR BY HAND TO PRODUCE A LOOSE LAYER 3/4" THICK |
| 3. MULCH:
80 LBS. SALT HAY OR STRAW/1000 SF.
(MC-250 OR MC-800 @ 363 GAL./ACRE) | - WOOD CHIPS SHALL BE SPREAD EVENLY OVER THE DISTURBED AREA TO A THICKNESS OF 2" |
| | - GENERALLY, 3 TONS OF MULCH PER ACRE ARE SUFFICIENT |
| | - STRAW MULCH SHALL BE FINE GRADE |

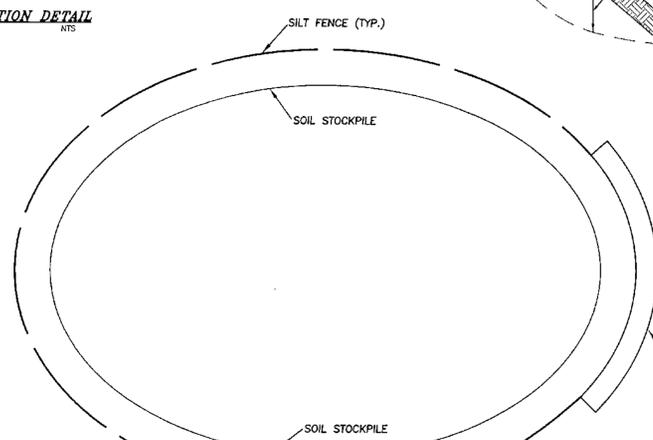


SLOPE STABILIZATION DETAIL

TO BE USED FOR SLOPES IN EXCESS OF 1:3. REFER TO PERMANENT SEEDING MIXTURES SPECIFICATIONS AND SEEDING PREPARATION & AMENDMENTS SPECIFICATIONS N.T.S.

TEMPORARY INLET PROTECTION DETAIL

CAD/EC10
FOR USE IN NON-ROADWAY AREAS

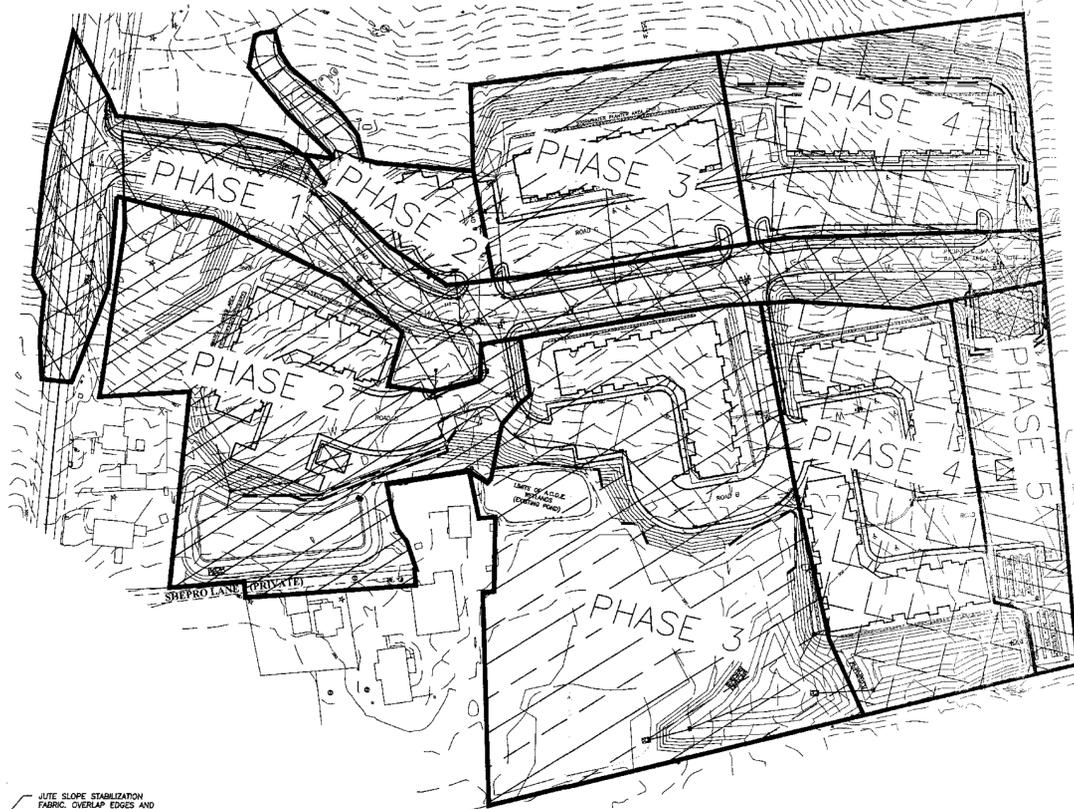


PLAN VIEW

SECTION VIEW

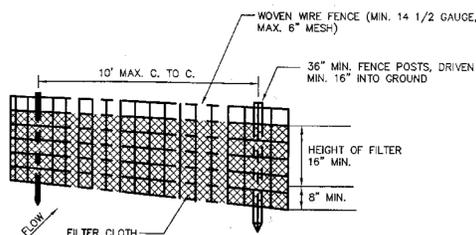
SILT FENCE TO BE PLACED AROUND STOCKPILE

TOPSOIL STOCKPILE
NOT TO SCALE

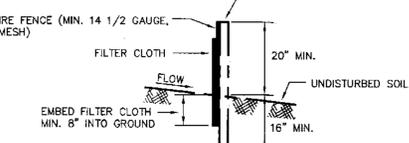


PHASING SEQUENCE FOR MASS EARTHWORK

- NOTE:
- TOTAL UN-STABILIZED AREA ON-SITE SHALL BE NO GREATER THAN 5 ACRES AT ANY GIVEN TIME.
 - ALL AREAS OF EXPOSED SOIL ANTICIPATED TO REMAIN IDLE FOR MORE THAN SEVEN DAYS MUST BE STABILIZED WITH A VEGETATIVE COVER OR OTHER ACCEPTABLE MEANS.



PERSPECTIVE



SECTION

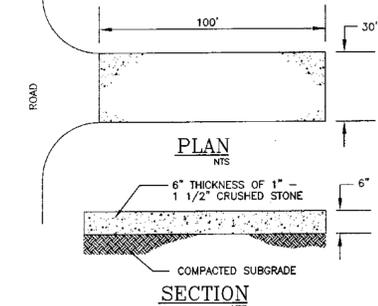
- NOTES:
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE

FILTER FABRIC CHECK DAM DETAIL

N.T.S. CAD/EC1

PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

Signature: *D. DeBlaze*



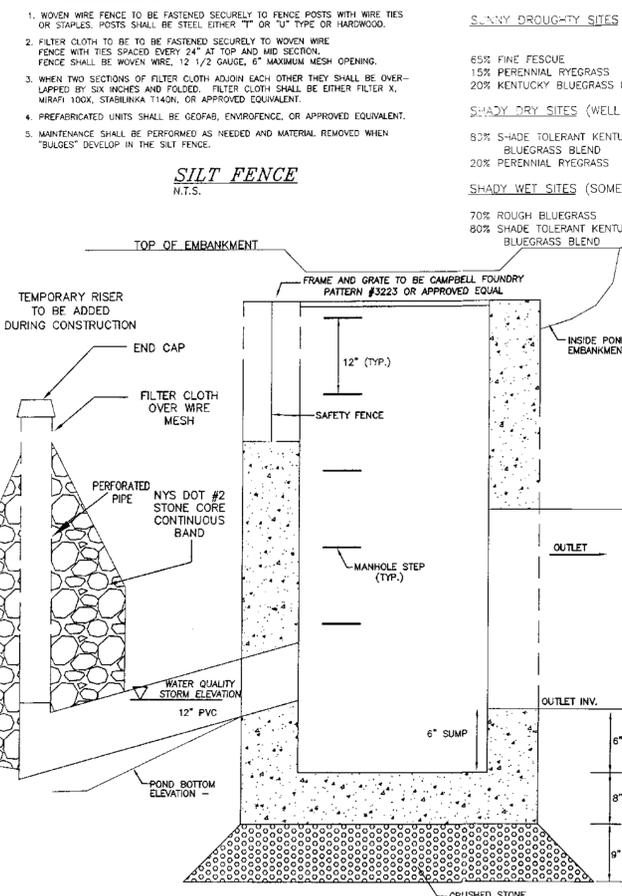
STABILIZED CONSTRUCTION ENTRANCE

- NOTES:
- ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC R.O.W.
 - A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHERE A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. THE BLANKET SHALL BE COMPOSED OF 6" DEPTH OF 1"-1 1/2" CRUSHED STONE, SHALL BE AT LEAST 30' x 100' AND SHALL BE PLACED ON COMPACTED SUB-GRADE.

CONSTRUCTION SPECIFICATIONS

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL, EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 1/2" GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, WIKOFF 1000, STABILINA 1140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOPAF, ENVROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

TEMPORARY BASIN DE-WATERING DEVICE



TEMPORARY BASIN DE-WATERING DEVICE

N.T.S. CAD/QV29

CONSTRUCTION SPECIFICATIONS

- ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
- DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
- ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
- THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS-SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
- ALL EARTH REMOVED AND NOT NEEDED ON CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
- STABILIZATION SHALL BE AS PER CHART BELOW:

TYPE OF TREATMENT	CHANNEL GRADE	TYPE "A" (5 AC OR LESS)	TYPE "B" (5 AC - 10 AC)	TO BE TEMPORARILY SEEDED WITHIN 7 DAYS
1	0.5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH	
2	3.1-5.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH	
3	5.1-8.0%	SEED WITH JUTE OR EXCELSIOR; SOD	LINED RIP-RAP 4-8"	
4	8.1-20%	SEED WITH JUTE OR EXCELSIOR; SOD	RECYCLED CONCRETE EQUIVALENT ENGINEERED DESIGN	

TEMPORARY SWALE DETAIL

N.T.S. CAD/QV48

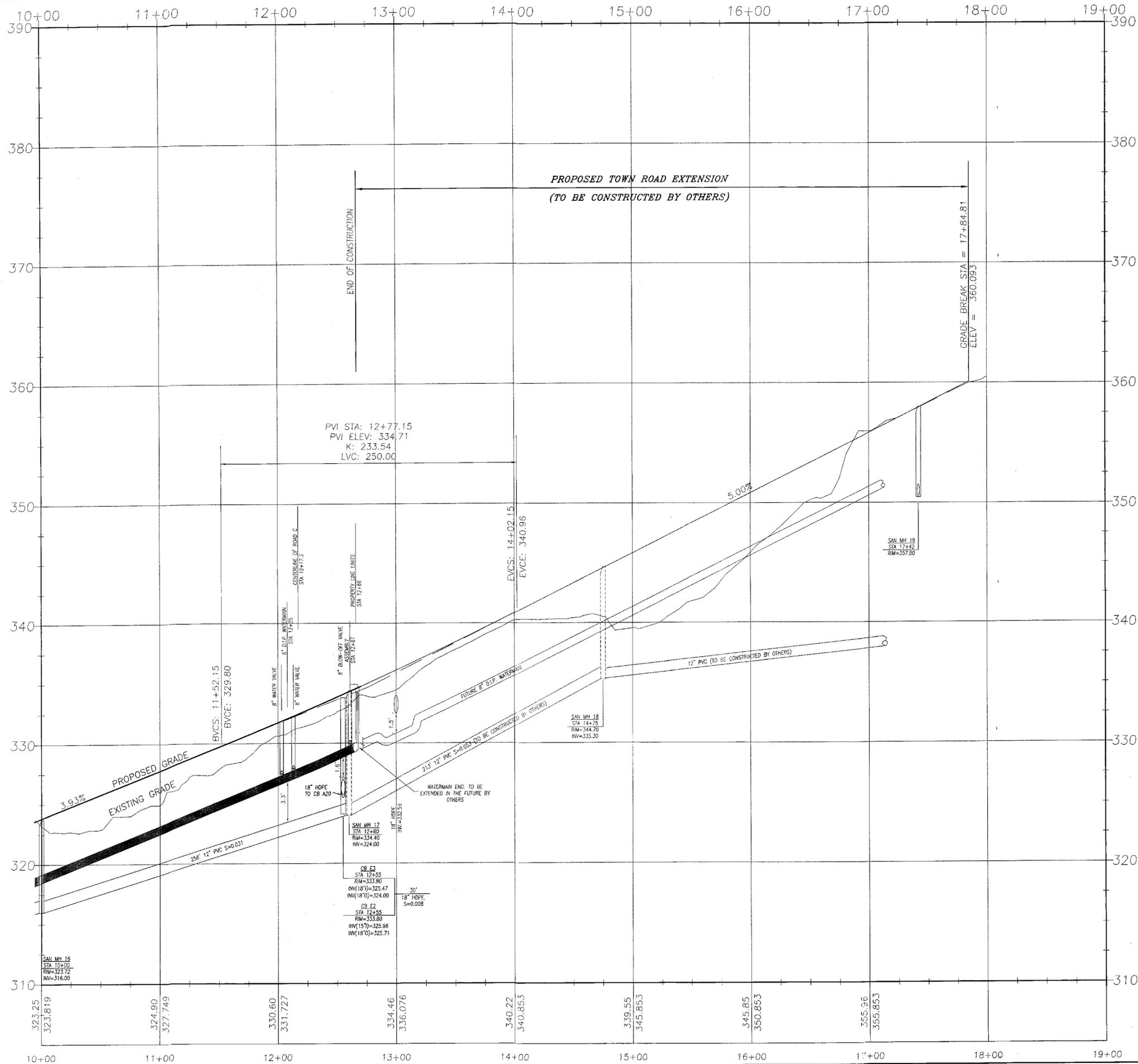
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7-20-11	ORIGINAL PREPARATION DATE	TBE

MAP CHECK DATE: 06/06/00 INITIALED BY: --

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TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE
EROSION CONTROL DETAILS
SECTION 35 BLOCK 1 LOT 28
DRAWING TITLE

O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
OF 1	OF 1	11 OF 24
SCALE AS SHOWN	CAD REFERENCE 11115-WDRK	PROJECT NUMBER 11115.01



SCALE: 1"=40'/H
1"=4'/V

DATE	DESCRIPTION	INITIALS
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P.E. LICENSE NO. 090881, P.L.S. LICENSE NO. 060076
K.A.P.S. LICENSE NO. 05386

TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

ROAD "A" PROFILE
STA. 10+00~17+85
SECTION 35 BLOCK 1 LOT 28

DRAWING TITLE

UNAUTHORIZED ALTERATION OR REFERENCE TO A PLAN BEING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 2203, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. OF # D.E.C. SHEET NO. OF # DRAWING NUMBER OF # 13 OF 24

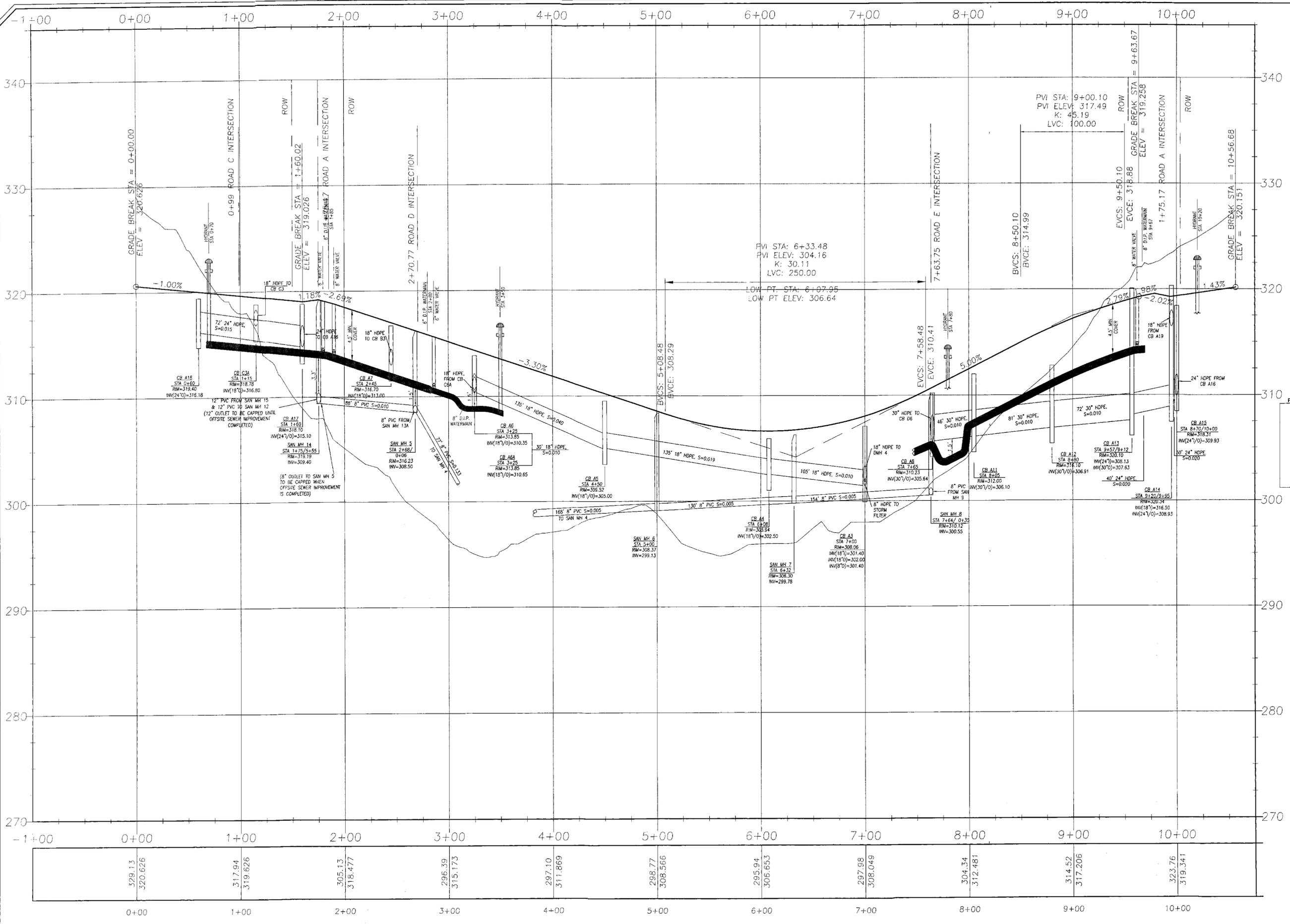
SCALE: 1"=40'/H
1"=4'/V

CAD REFERENCE: 11115-WORK
PROJECT NUMBER: 11115.01

FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

D. Callaghan

SCALE: 1" = 40'/H
1" = 4'/V



PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

[Signature]

DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYSDOT COMMENTS 4-23-13	MP
04/08/13	NYSDOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TRE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/26/12	REVISE STORMWATER PIPING	TRE
12/5/12	PER WORK SHOP COMMENTS	TRE
11/29/12	PER PLANNING BOARD COMMENTS	TRE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TRE
07-19-12	PER MHE SWPPP COMMENTS	TRE
05-11-12	PER TOWN ENGINEER COMMENTS	TRE
05-01-12	FOR TOWN WORKSHOP 5-2-12	TRE
01-10-12	AS PER EMAILS W/ JIM HALL	TRE
01-05-12	SITE GRADING	TRE
10-12-11	AS PER CLIENT COMMENTS	JJP
9-29-11	AS PER CLIENT COMMENTS	JJP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TRE

MAP CHECK DATE:	00/00/00	INITIALED BY:	--
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PIETRZAK & PFAU
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2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 796-4846

MICHAEL P. CROGGAN P.E. LICENSE NO. 668845
JOSEPH J. PFAU P.E. LICENSE NO. 668845
WALTER A. PIETRZAK P.E. P.E.S. LICENSE NO. 560075
STEPHEN J. CROGGAN P.E.S. LICENSE NO. 33096

SIGNATURE: *[Signature]* DATE: 5-6-13

TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE: **ROAD "B" PROFILE**
SECTION 35 BLOCK 1 LOT 28

DRAWING TITLE: ROAD "B" PROFILE

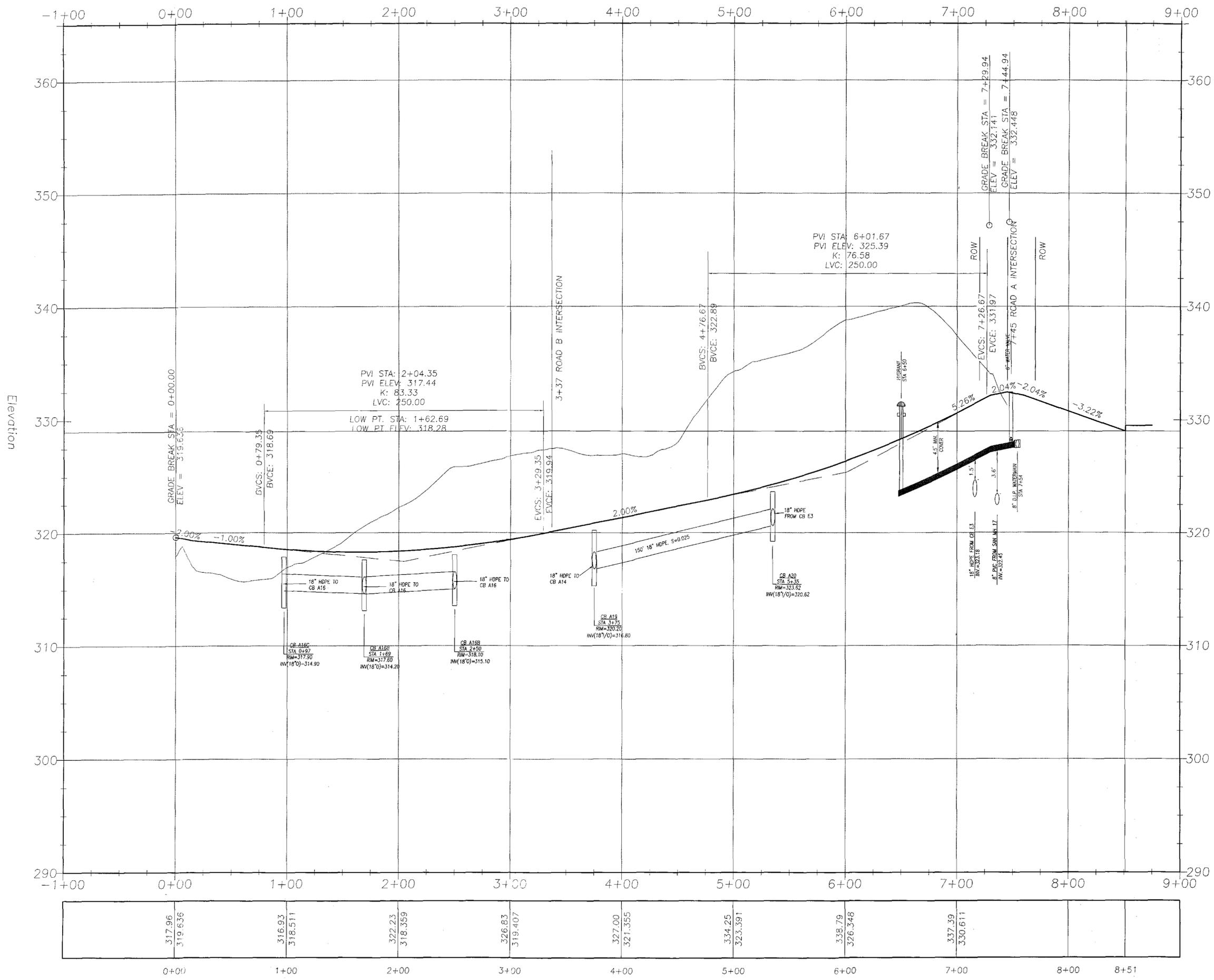
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN, SPECIFICATION, CONTRACT, OR INSTRUMENT OF SERVICE IS PROHIBITED. THE ENGINEER'S SIGNATURE AND SEAL ARE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED TO THE CLIENT AND NOT A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED TO THE PUBLIC.

O.C.H.D. SHEET NO. 1 D.E.C. SHEET NO. 14 OF 24 DRAWING NUMBER 11115-NOR-1115.01

SCALE: 1" = 40'/H
1" = 4'/V

CAD REFERENCE: 11115-NOR-1115.01 PROJECT NUMBER: 1115.01

0+00	1+00	2+00	3+00	4+00	5+00	6+00	7+00	8+00	9+00	10+00
329.13	317.94	305.13	296.39	297.10	298.77	295.94	297.98	304.34	314.52	323.76
320.626	319.626	318.477	315.173	311.869	308.566	306.653	308.049	312.481	317.206	319.341



SCALE: 1" = 40' / H
1" = 4' / V

PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

[Signature]

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10-12-11	AS PER CLIENT COMMENTS	JJP
9-29-11	AS PER CLIENT COMMENTS	JJP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBC

MAP CHECK DATE: 03/03/00 INITIALED BY: --

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282 CHERWICK AVENUE, SUITE A GARDEN, NEW YORK 10294 (945) 204-9656
2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (945) 796-6646

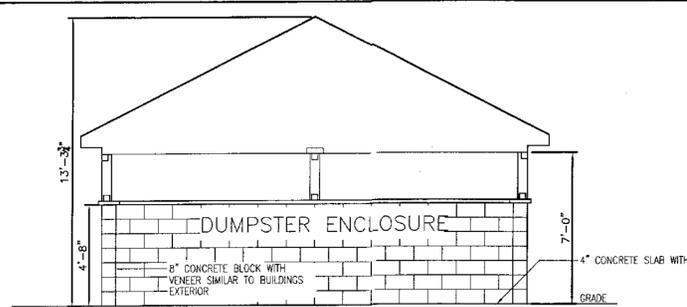
MICHAEL P. PIETRZAK P.E. LICENSE NO. 05863
JOSPH J. PFAU P.E. LICENSE NO. 06046
YINGYONG A. PIETRZAK P.E. P.S. LEV. 049
P.R. LICENSE NO. 078658 P.E. LICENSE NO. 060075
N.Y.P.S. LICENSE NO. 06596

DATE: 5-6-13

TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

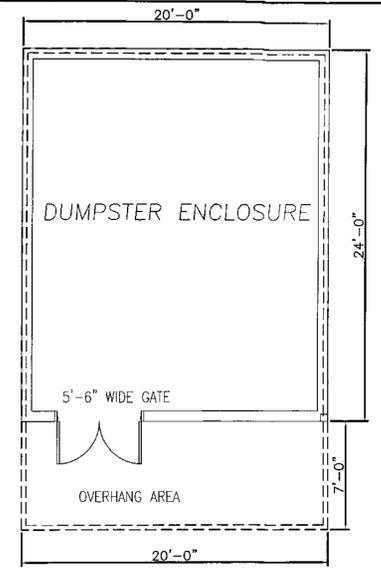
PROJECT TITLE
ROAD "C" PROFILE
SECTION 35 BLOCK 1 LOT 28
DRAWING TITLE
UNAPPROVED ALTERATION OR ADDITION TO A PLAN, SPECIFICATION AND LISTING OF LAND SURVEYING OR PROFESSIONAL ENGINEERING OR A SECTION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.
O.C.H.D. SHEET NO. OF # D.E.C. SHEET NO. OF # DRAWING NUMBER OF #
SCALE: 1" = 40' / H 1" = 4' / V CAD REFERENCE PROJECT NUMBER
11115-WORK 11115.01

317.96	316.93	322.23	326.83	327.00	334.25	337.39		
319.636	318.511	318.359	319.407	321.355	323.391	330.611		
0+00	1+00	2+00	3+00	4+00	5+00	6+00	7+00	8+51

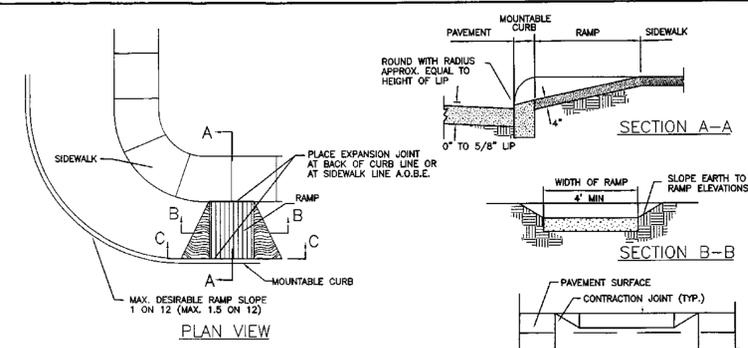


DUMPSTER AREA DETAIL

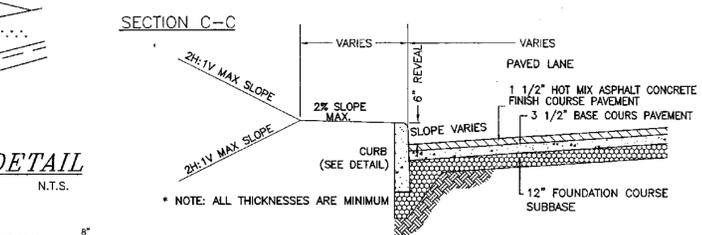
NOTES:
1. CONSTRUCTION DETAILS FOR THE DUMPSTER ENCLOSURE TO BE SUPPLIED TO AND APPROVED BY THE TOWN OF NEW WINDSOR BUILDING DEPARTMENT, PRIOR TO CONSTRUCTION.



PLAN

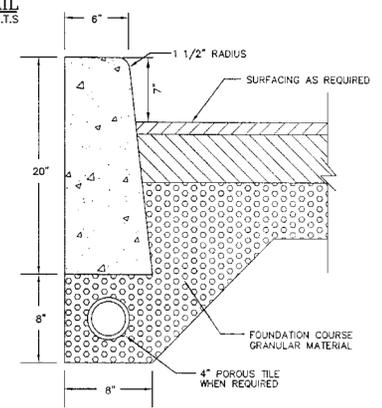


SIDEWALK RAMP DETAIL



TYPICAL PARKING LOT SECTION

NOTE: PAVEMENT SECTION ALSO APPLIES TO ACCESS DRIVE



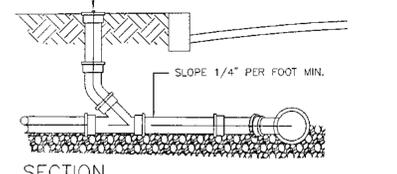
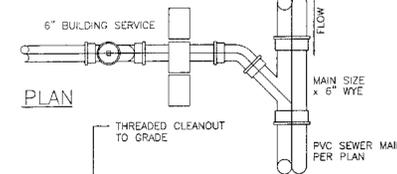
CONCRETE CURB DETAIL

NOTES:
1. CURB SHALL BE CAST IN PLACE. EXPANSION JOINTS OF 3/16" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT TEN (10) FOOT INTERVALS. CONCRETE TO BE 1:2:3 MIX DESIGN, AIR ENTRAINMENT WITH DUREX OR EQUAL.
2. CONCRETE TO TEST 4000 PSI AT 28 DAYS

PIPE DIAMETER (INCHES)	DELTA UP TO 22-1/2"	DELTA 22-1/2" TO 45"	DELTA 45" TO 90"
"X" SQ. FT.	"X" SQ. FT.	"X" SQ. FT.	"X" SQ. FT.
4-8	0.5	0.9	1.9
8	0.8	1.6	2.8
10	1.3	2.5	4.4
12	1.9	3.8	6.5

PIPE DIAMETER (INCHES)	DELTA UP TO 22-1/2"	DELTA 22-1/2" TO 45"	DELTA 45" TO 90"
"L" FEET	"L" FEET	"L" FEET	"L" FEET
4-8	3.1	5.4	9.1
8	4.0	7.0	11.8
10	4.7	8.4	14.3
12	5.5	9.8	16.8

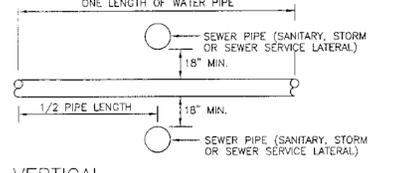
THRUST BLOCK DETAIL



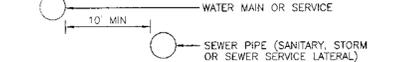
SECTION

NOTES:
1. INSTALL FOUNDATION AND BACKFILL AS PER PIPE BEDDING AND BACKFILL DETAIL.
2. WHEN INSTALLING A NEW LATERAL TO AN EXISTING SEWER, INSTALL SADDLE IN PLACE OF WYE FITTING. CUT EXISTING SEWER, REMOVE CUTOUT, INSTALL MANUFACTURER'S GASKET, SECURE SADDLE TO MAIN WITH TWO STAINLESS STRAPS.

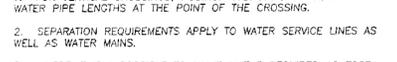
SANITARY SEWER LATERAL



VERTICAL

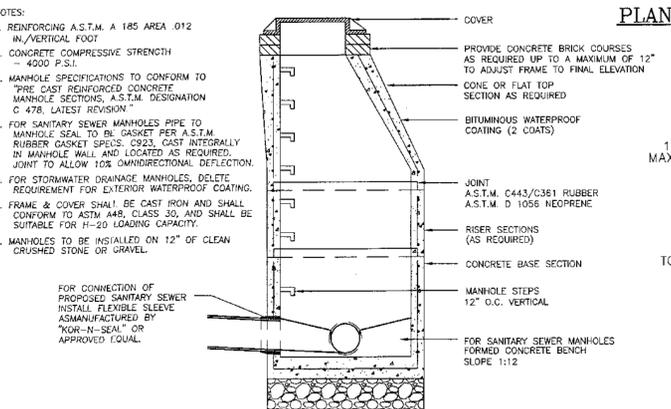


HORIZONTAL



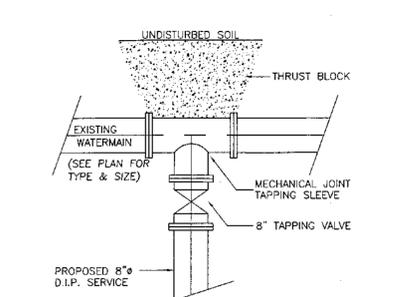
1. FOR VERTICAL CROSSINGS, POSITION MIDPOINTS OF SEWER AND WATER PIPE LENGTHS AT THE POINT OF THE CROSSING.
2. SEPARATION REQUIREMENTS APPLY TO WATER SERVICE LINES AS WELL AS WATER MAINS.
3. WHERE IT IS IMPOSSIBLE TO MAINTAIN THE REQUIRED 10 FOOT HORIZONTAL SEPARATION, THE SEWER SHALL BE CONSTRUCTED OF MECHANICAL JOINT DUCTILE IRON PIPE AND PRESSURE TESTED TO 150 PSI PRIOR TO BACKFILLING.

SEWER & WATER SEPARATIONS



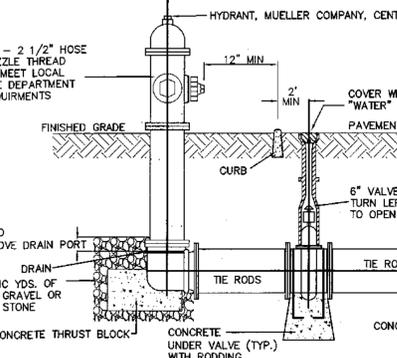
PRECAST CONCRETE MANHOLE DETAIL

NOT TO SCALE



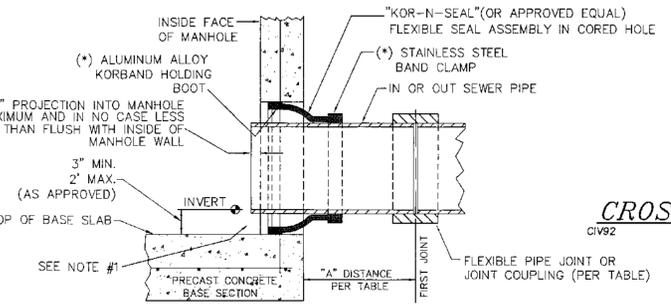
WATERMAIN CONNECTION DETAIL

N.T.S.



HYDRANT DETAIL

N.T.S.



CORED HOLE FLEXIBLE PIPE-TO-M.H.-JOINT

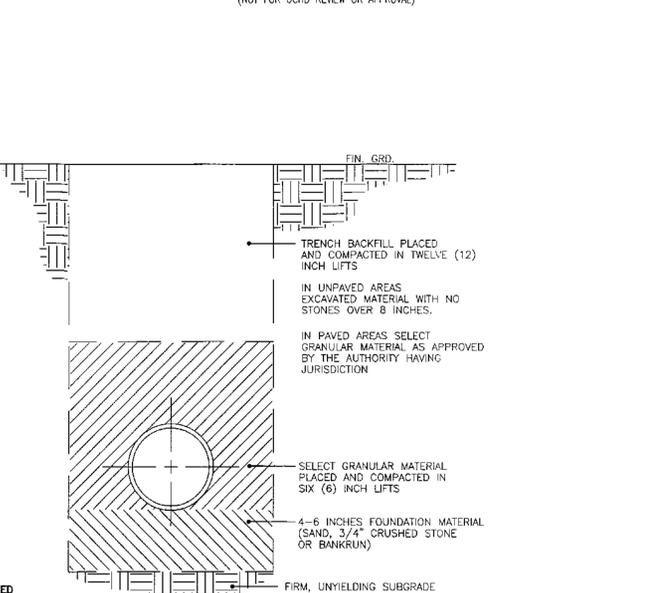
NOTE:
1. REFORM MANHOLE BENCH TO ACCOMMODATE NEW FLOW AS APPROVED BY OCSD NO. 1 REFER TO PRECAST REINFORCED CONCRETE MANHOLE DETAIL FOR TYPICAL DETAILS.
(*) FLEXIBLE RUBBER BOOT SEAL SHALL BE MANUFACTURED TO INSTALL SHOWN FASTENERS.

SEWER PIPE TYPE	FLEXIBLE JOINT TYPE IN & OUT	"A" DISTANCE (FEET)
VITRIFIED CLAY	STD. ELASTOMETRIC (GASKETED) PIPE JOINT ONLY	3' MAX.
ABS TRUSS	STD. SOLVENT WELDED PIPE JOINT ONLY	10' MAX.
CAST IRON (EXTRA HEAVY) OR DUCTILE IRON	STD. ELASTOMETRIC (GASKETED) PIPE JOINT ONLY	10' MAX.
PVC TRUSS	STD. ELASTOMETRIC (GASKETED) PIPE JOINT ONLY	3' MAX.
PVC SDR 26	STD. SOLVENT WELDED PIPE JOINT ONLY	10' MAX.
PVC SDR 26	STD. ELASTOMETRIC (GASKETED) PIPE JOINT ONLY	3' MAX.
PVC SDR 35	STD. SOLVENT WELDED PIPE JOINT ONLY	10' MAX.
PVC SDR 35	STD. ELASTOMETRIC (GASKETED) PIPE JOINT ONLY	3' MAX.

30' ROADWAY CROSS SECTION

N.T.S.

1. ANY FILL OR BACKFILL MATERIAL PLACED WITHIN THE ROADWAY AREA (CURB TO CURB) SHALL BE NYSDOT TYPE NO. 3 SUBBASE MATERIAL UNLESS OTHERWISE ACCEPTED IN WRITING BY THE TOWN HIGHWAY SUPERINTENDENT AND TOWN ENGINEER. FOR ADDITIONAL SPECIFIC REQUIREMENTS WITHIN TOWN ROADWAY SEE CHAPTER 252 OF THE TOWN CODE.



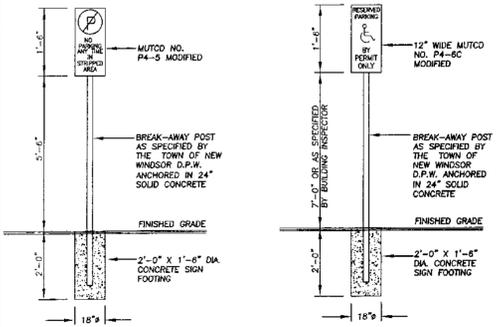
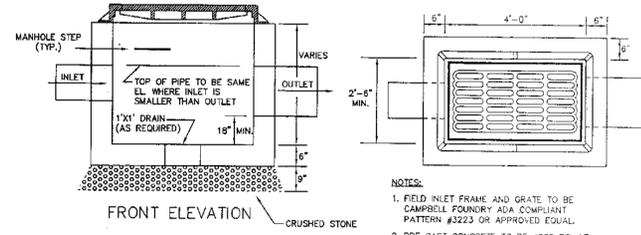
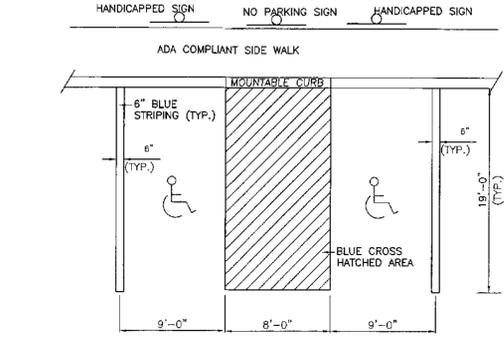
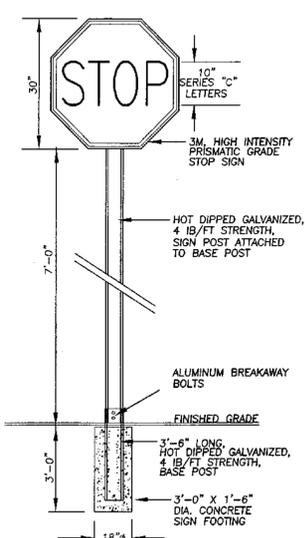
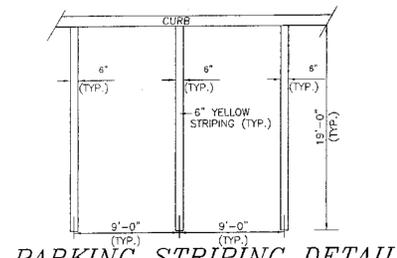
SEWER, WATER, & DRAINAGE PIPE BEDDING & BACKFILL DETAIL

NOT TO SCALE

DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYSDOT COMMENTS 4-23-13	MP
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7-20-11	ORIGINAL PREPARATION DATE	TBE

PIETRZAK & PFAU ENGINEERING & SURVEYING, PLLC
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 2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 796-6446
 MICHAEL P. CROGAN P.E. LICENSE NO. 06023
 VINCENT A. PIETRZAK P.E., P.E.S., LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK LICENSE NO. 056675
 JEFFREY S. PFAU P.E. LICENSE NO. 20596
 DATE: 5-6-13

TEMPLE HILL APARTMENTS
 TOWN OF NEW WINDSOR
 COUNTY OF ORANGE, NEW YORK
 PROJECT TITLE
DETAILS
 SECTION 35 BLOCK 1 LOT 28
 O.C.H.D. SHEET NO. 11115-W3R-1 D.E.C. SHEET NO. 11115-W3R-1 DRAWING NUMBER 11115-01
 SCALE AS SHOWN CAD REFERENCE PROJECT NUMBER 11115-01

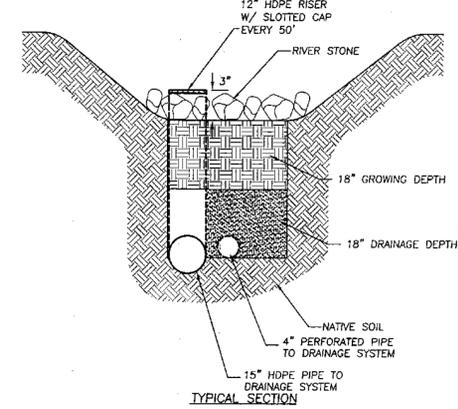
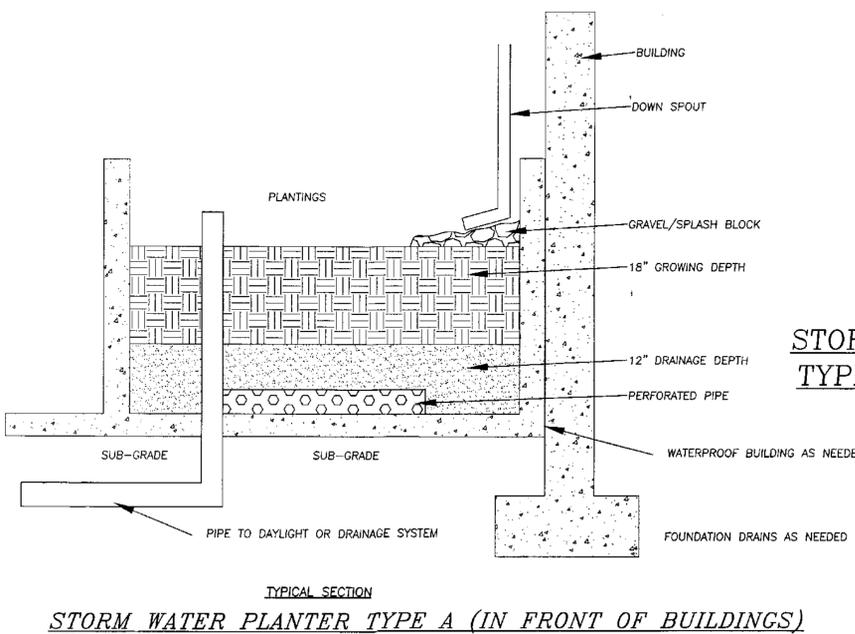
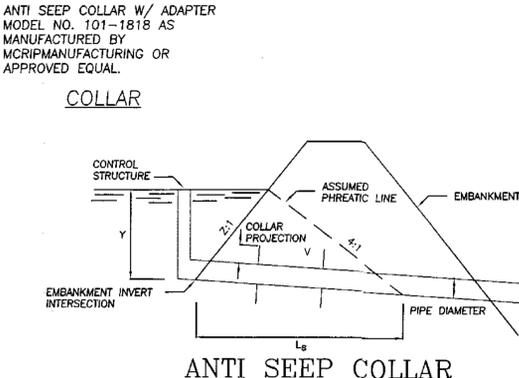
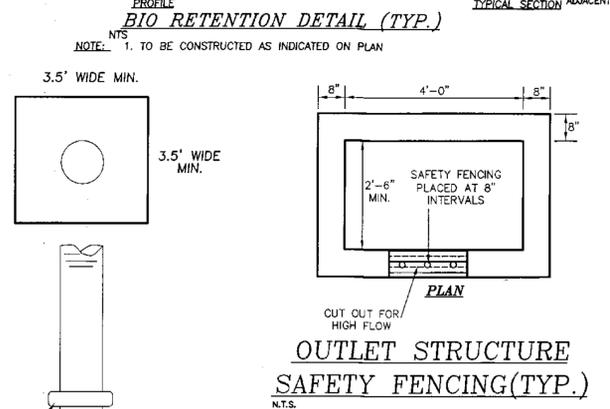
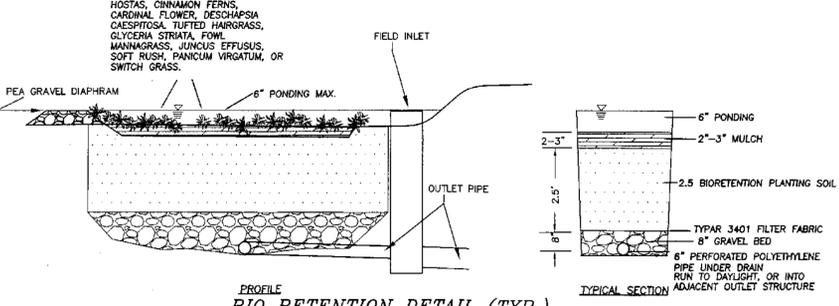
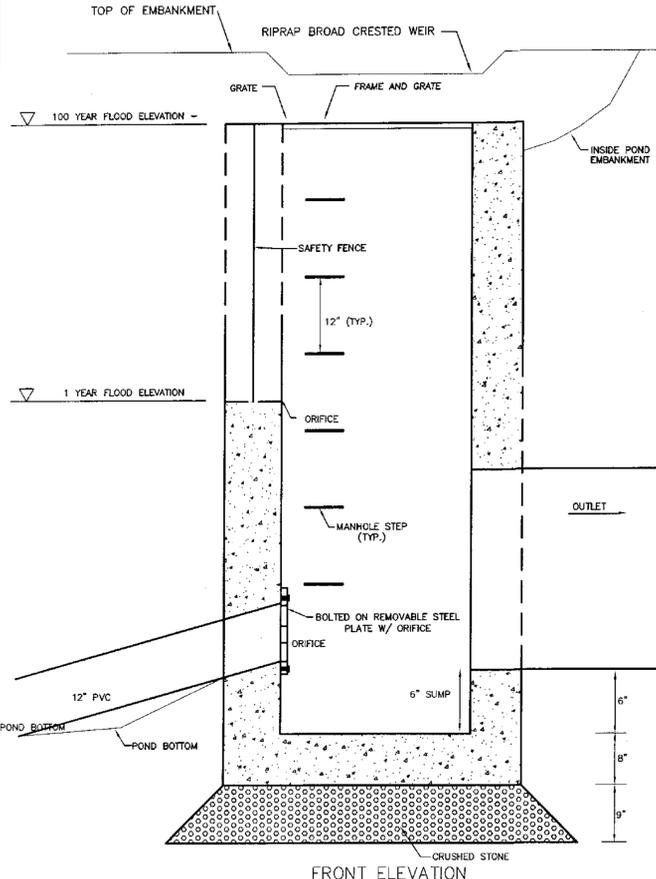
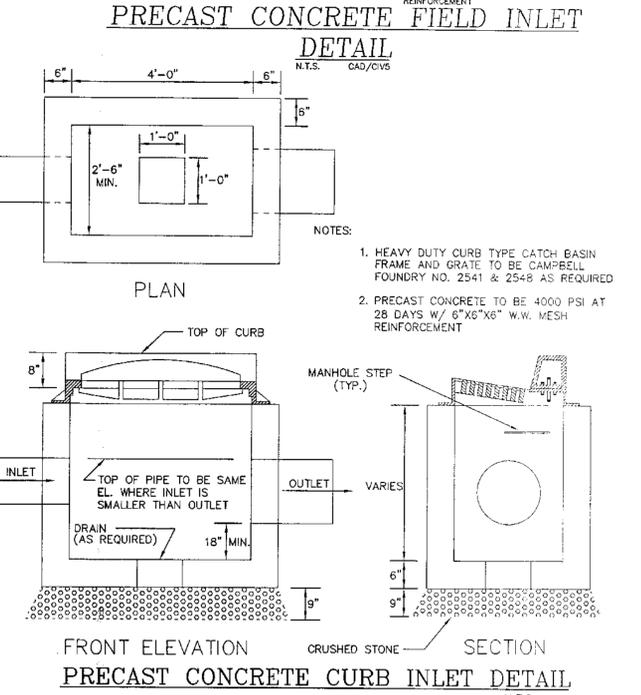
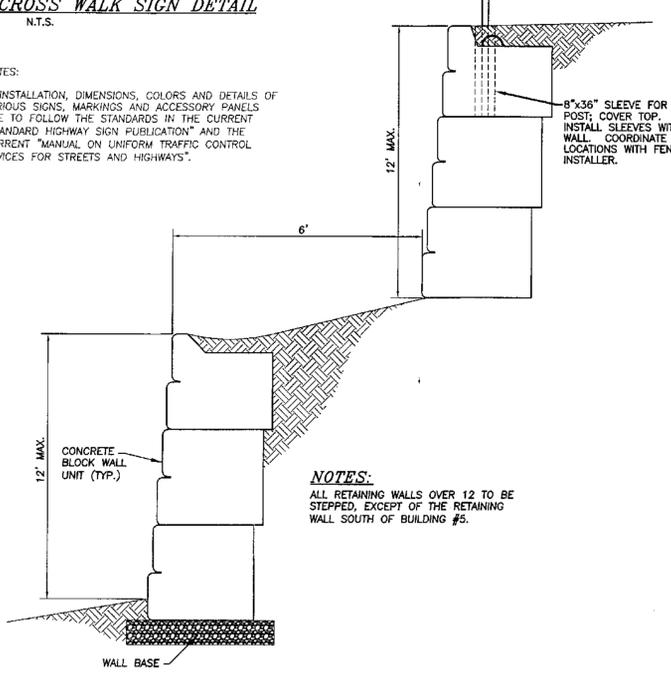


BIORETENTION PLANTING SOIL MIXTURE

SAND	35-60%
SILT	30-55%
CLAY	10-25%

SOIL MIXTURE SHALL BE TESTED AND MEET THE FOLLOWING:

PH RANGE	5.2-7.0
ORGANIC MATTER	1.5-4%
MAGNESIUM	35 lb./ac.
PHOSPHORUS	75 lb./ac.
POTASSIUM	85 lb./ac.
SOLUBLE SALTS	NOT TO EXCEED 500ppm



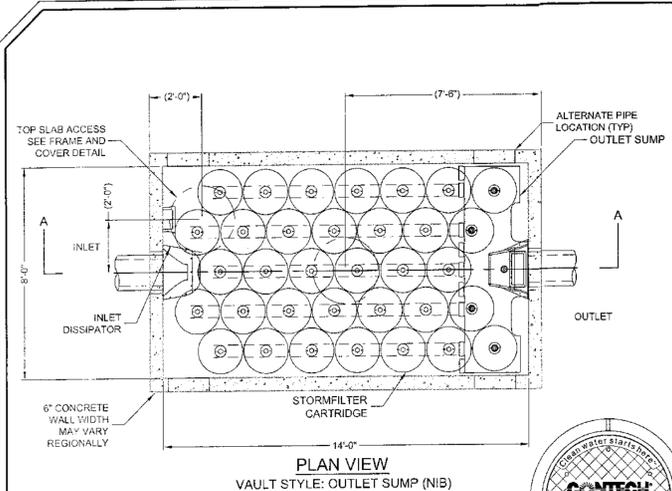
DATE	DESCRIPTION	INITIALS
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2 HAMILTON AVENUE MONTEICELLO, NY 12701 (945) 796-6666

TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR COUNTY OF ORANGE, NEW YORK

DETAILS
SECTION 35 BLOCK 1 LOT 28

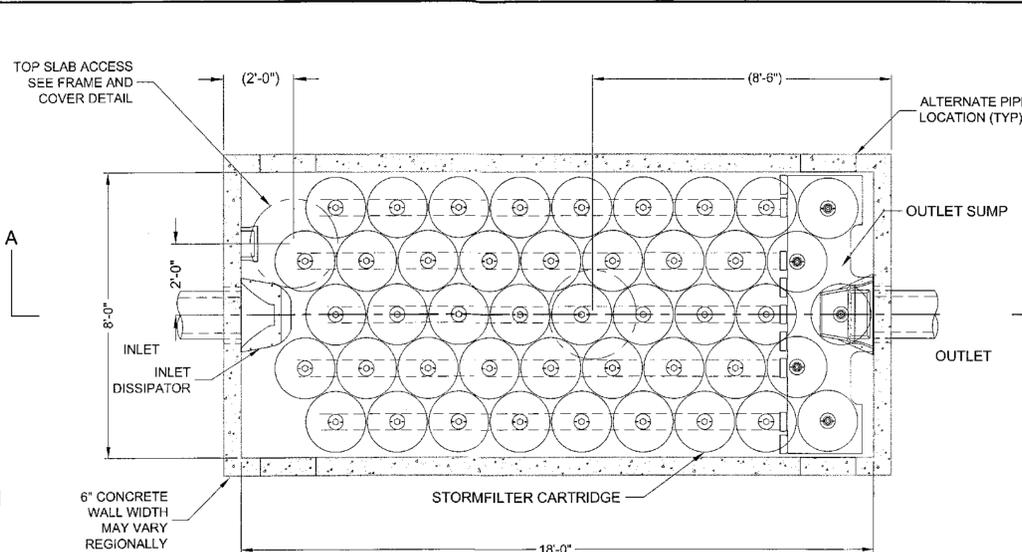
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PROJECT NUMBER: 11115-01



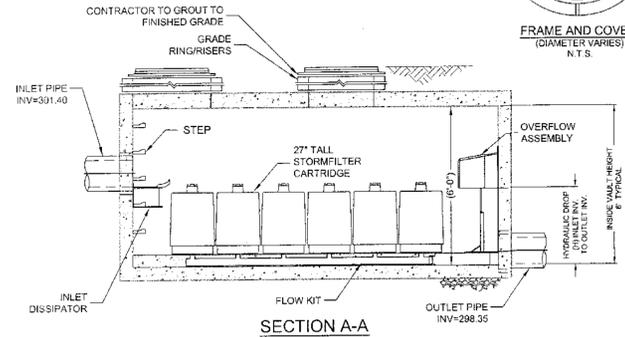
PLAN VIEW
VAULT STYLE: OUTLET SUMP (NIB)



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

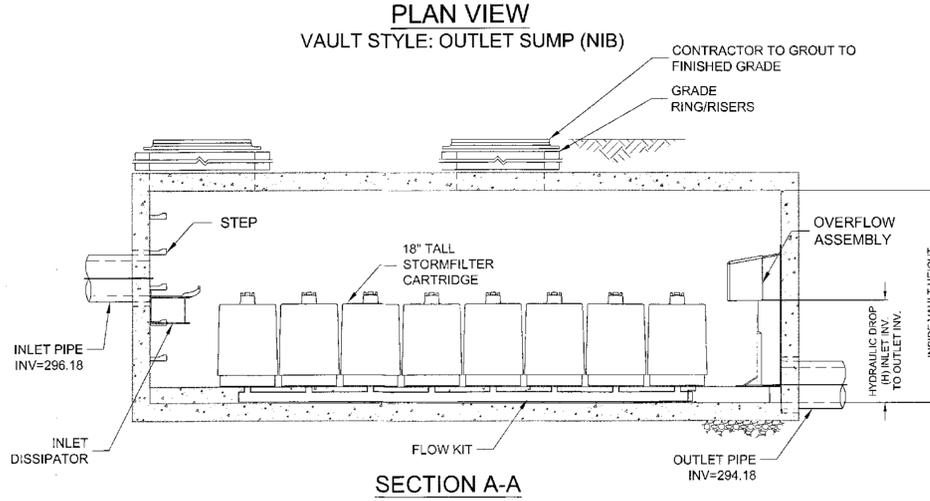


PLAN VIEW
VAULT STYLE: OUTLET SUMP (NIB)



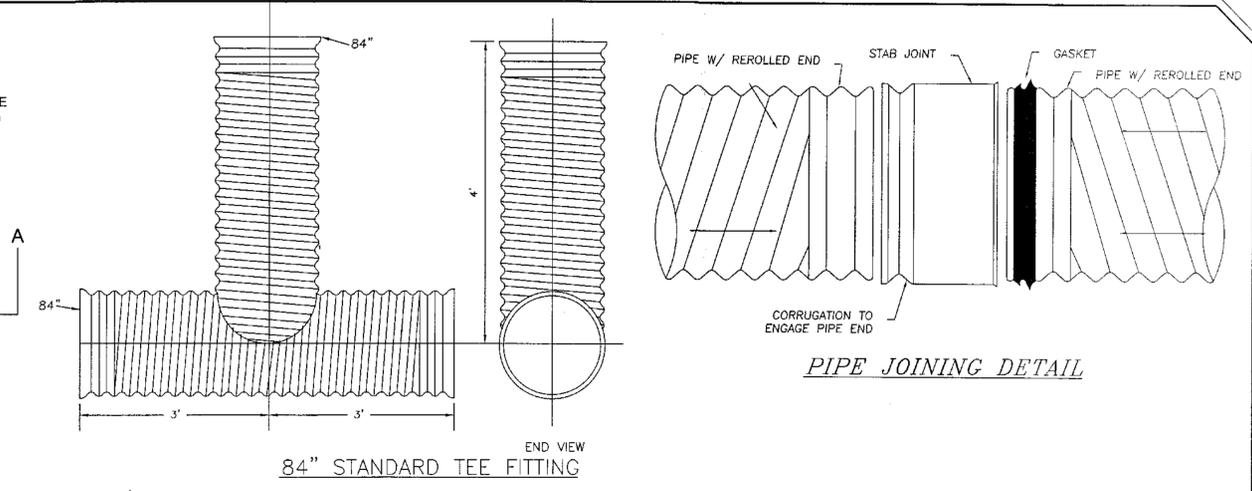
SECTION A-A

8'X14' STORM FILTER DETAIL
N.T.S.

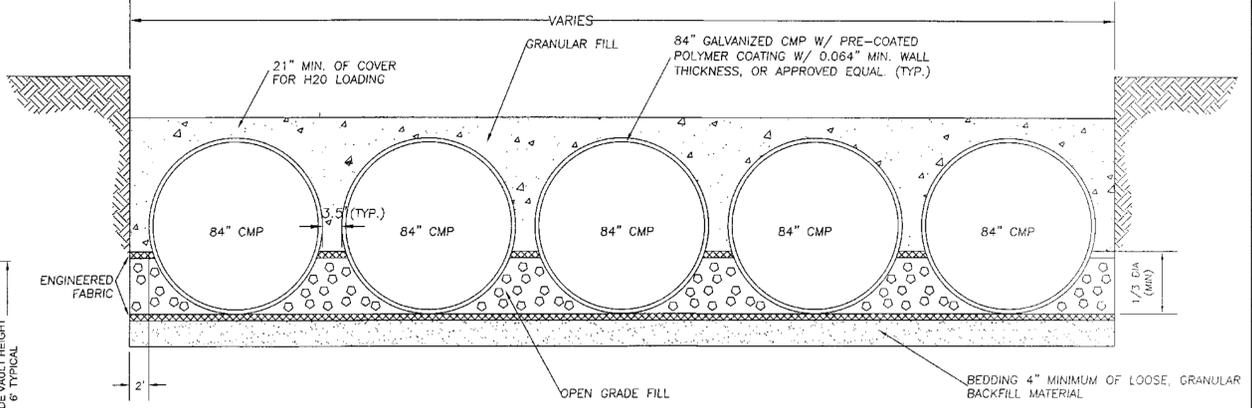


SECTION A-A

6'X18' STORM FILTER DETAIL
N.T.S.

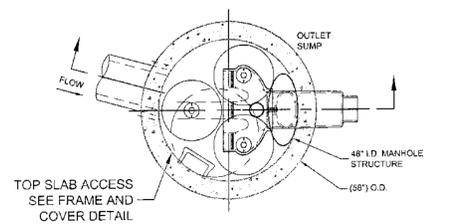


PIPE JOINING DETAIL

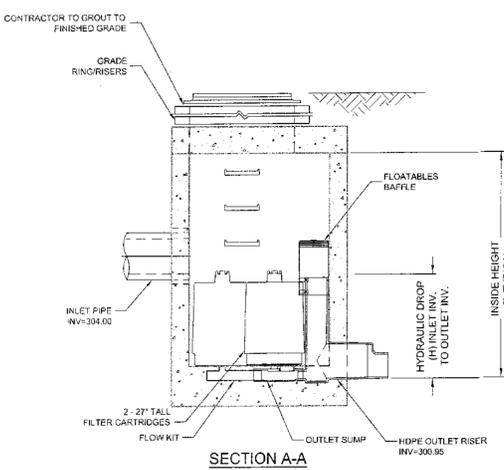


ROUND PIPE INSTALLATION

- NOTE:
- AASHTO A1 IS THE PREFERRED BACKFILL MATERIAL. HOWEVER, OTHER GRANULAR MATERIALS MAY BE USED. BECAUSE DETENTION SYSTEMS ARE OFTEN EXPOSED TO HEAVY CONSTRUCTION LOADS DURING TOTAL COMPLETION OF THE PROJECT, THERE IS NEED FOR EXTRA CARE TO HANDLE THESE LOADS. IF THE MINIMUM COVER IS MORE THAN THE DIAMETER/6 AND THE DIAMETER IS LESS THAN 84", A2 OR A3 MATERIAL MAY GENERALLY BE USED IF THEY ARE PLACED IN 8" LIFTS AND COMPACTED TO 90% PROCTOR DENSITY. AS PIPE DIAMETERS INCREASE AND COVER DECREASES (APPROACHING THE MINIMUM COVER LEVEL), THE QUALITY OF THE BACKFILL AND COMPACTION DENSITY BECOME MORE IMPORTANT.
 - PIPE NETWORK TO BE CONSTRUCTED WITH 84" CMP PIPE AND FITTINGS OR APPROVED PIPE AND FITTINGS OF EQUAL DIAMETER.

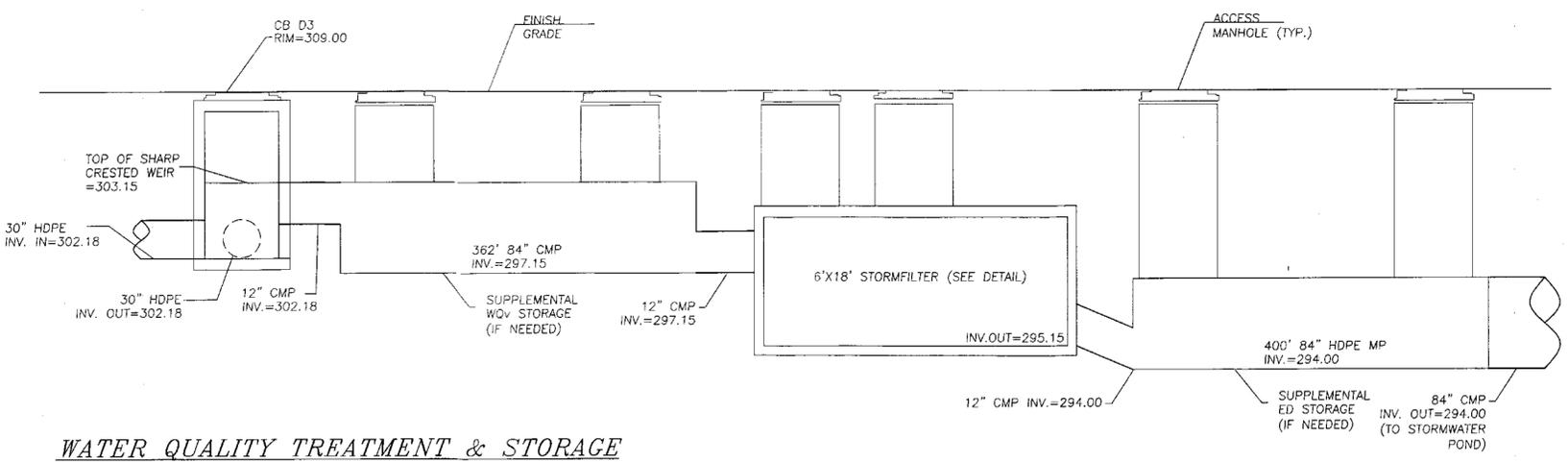


PLAN VIEW
STANDARD OUTLET RISER
FLOWKIT: 40A



SECTION A-A

58" O.D. STORM FILTER DETAIL
N.T.S.



WATER QUALITY TREATMENT & STORAGE

MAINTENANCE
The StormFilter requires regular maintenance to operate effectively. The expected maintenance interval for systems in New York is 12-18 months, but may vary depending on weather and site conditions. Stormwater Management, Inc. offers full maintenance services to all of our clients, as well as a cartridge exchange program to facilitate owner provided maintenance. Please contact Stormwater Management or navigate to www.stormwaterinc.com for more information in this regard.

PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

D. Conly

DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYSOT COMMENTS 4-23-13	MP
04/08/13	NYSOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TBE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/26/12	REVISE STORMWATER PIPING	TBE
12/5/12	PER WORK SHOP COMMENTS	TBE
11/29/12	PER PLANNING BOARD COMMENTS	TBE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TBE
07-19-12	PER MHE SWPPP COMMENTS	TBE
05-11-12	PER TOWN ENGINEER COMMENTS	TBE
05-01-12	FOR TOWN WORKSHOP 5-2-12	TBE
01-10-12	AS PER EMAILS W/ JIM HALL	TBE
01-05-12	SITE GRADING	TBE
10-12-11	AS PER CLIENT COMMENTS	JJP
9-29-11	AS PER CLIENT COMMENTS	JJP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

REVISIONS
MMP CHECK DATE: 00/00/00 INITIALED BY: --

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MICHAEL P. PIETRZAK P.E.
LICENSE NO. 60020

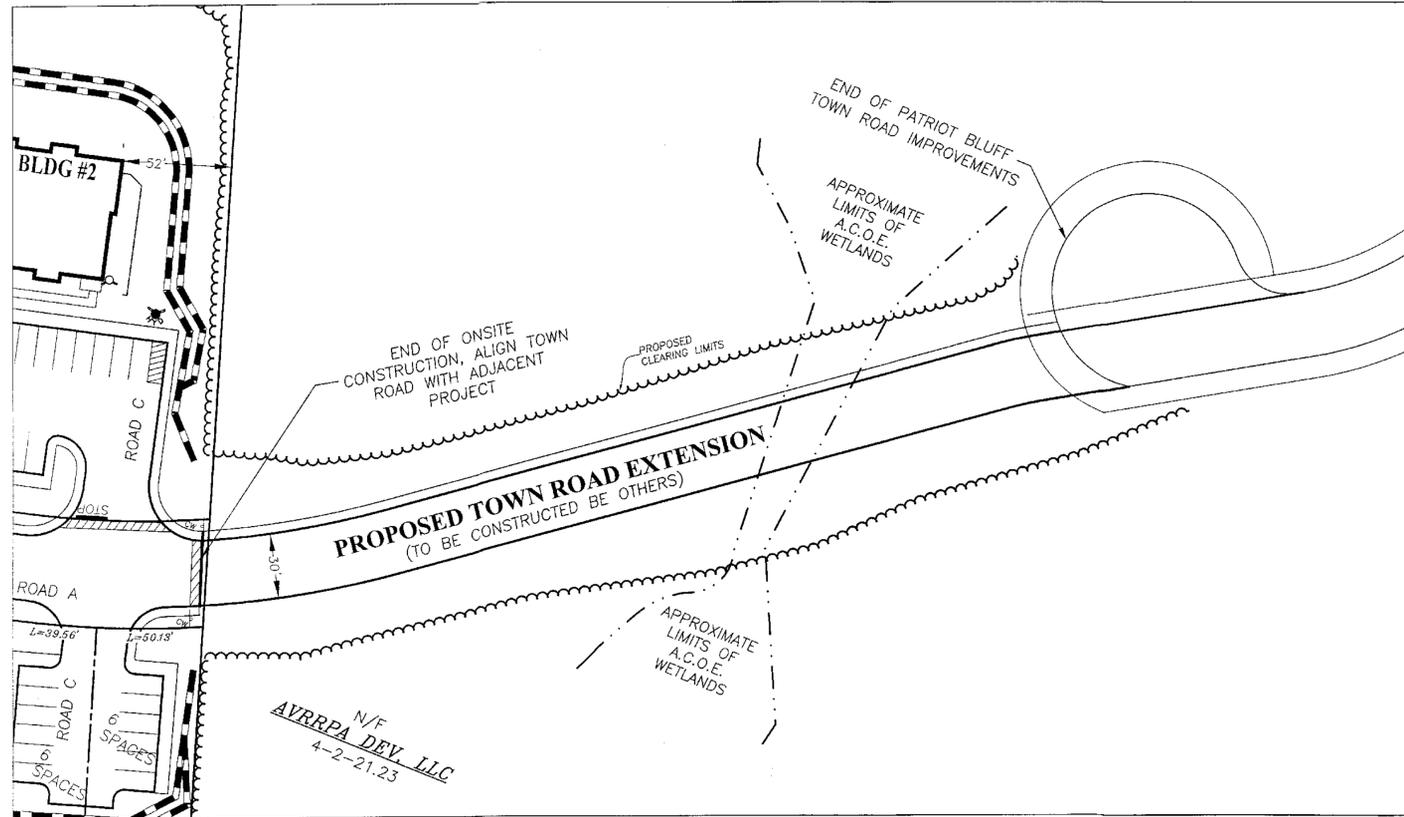
JOSEPH A. PFAU P.E.
LICENSE NO. 06625

THOMAS A. PIETRZAK P.E., P.L.S., LEED-AP
P.E. LICENSE NO. 40988 | P.L.S. LICENSE NO. 69475
N.Y.P.L.S. LICENSE NO. 35396

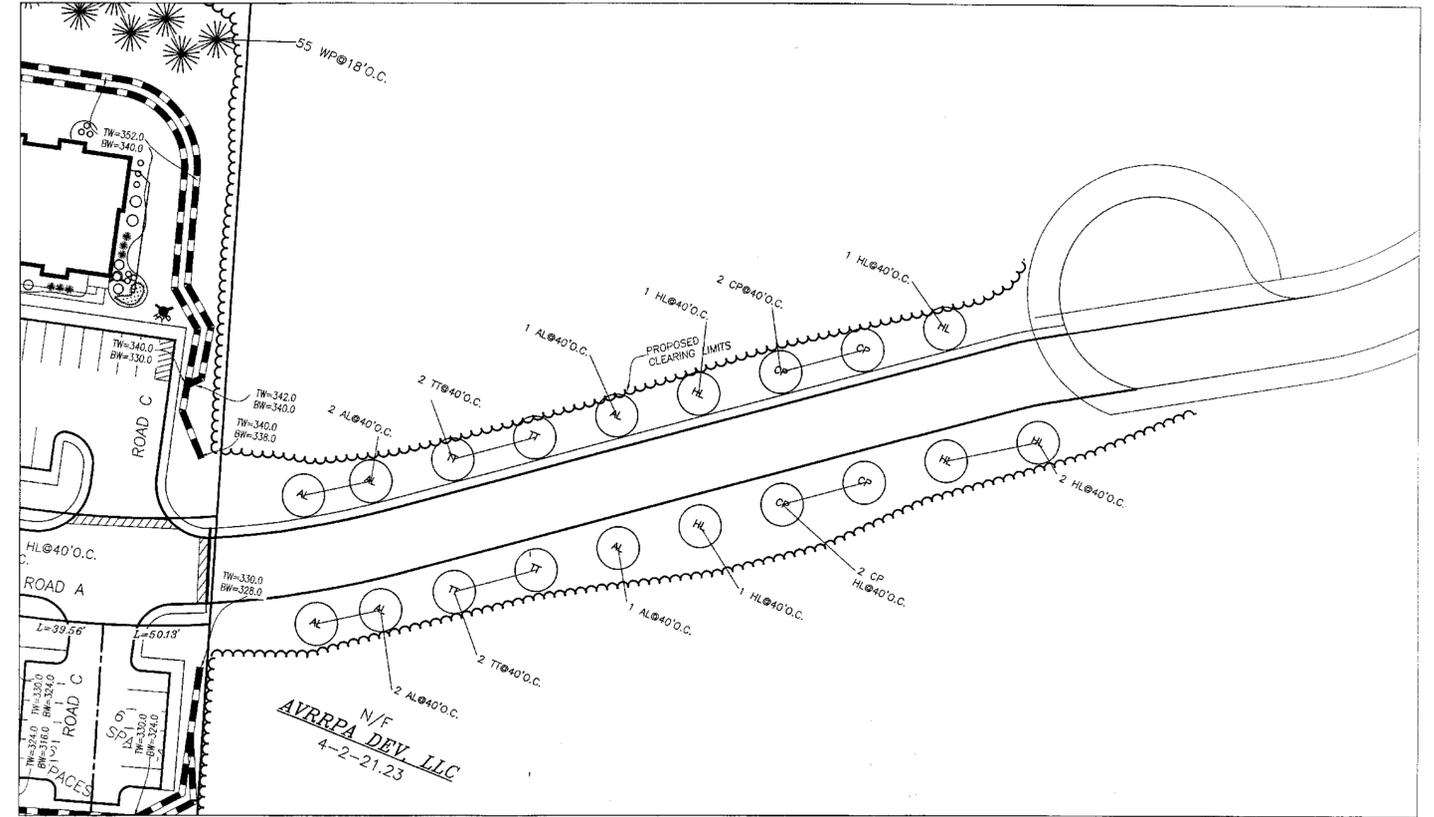
SIGNATURE: _____ DATE: 5-6-13

TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

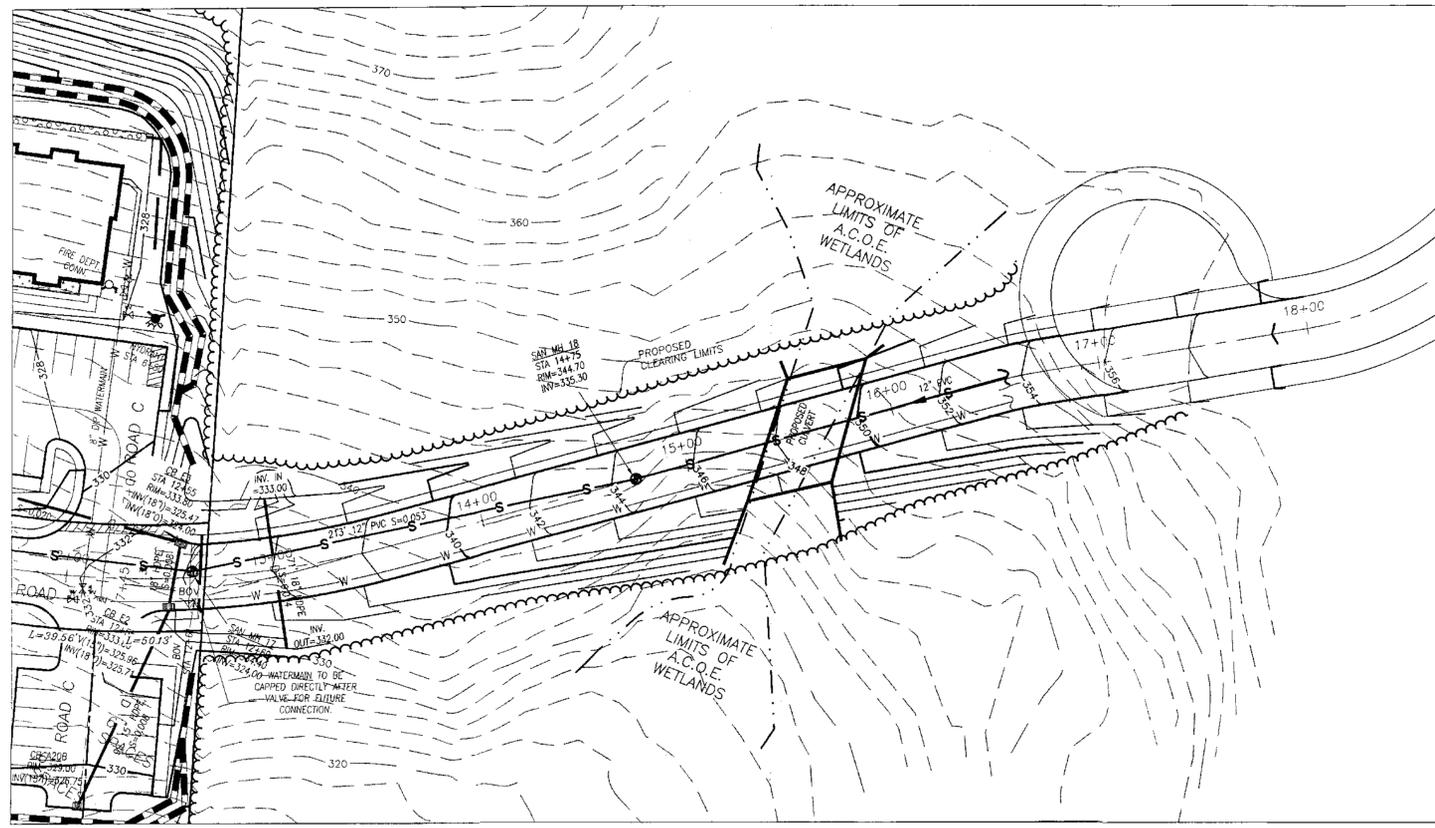
PROJECT TITLE
DETAILS
SECTION 35 BLOCK 1 LOT 28
DRAWING TITLE
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW
O.C.H.D. SHEET NO. OF # D.E.C. SHEET NO. OF # DRAWING NUMBER OF # OF #
SCALE AS SHOWN CAD REFERENCE PROJECT NUMBER 11115-WORK 11115.01



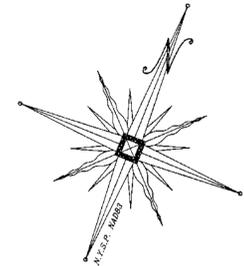
ROAD EXTENSION PLAN



LANDSCAPE PLAN



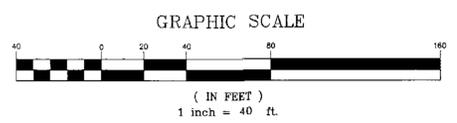
GRADING & UTILITY PLAN



TREE LIST						
TYPE	KEY	QTY.	BOTANICAL NAME	COMMON NAME	MIN. SIZE	REMARKS
DECIDUOUS TREES	AL	6	TILIA AMERICANA	AMERICAN LINDEN	2 1/2" C	B&B
	HL	5	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	2 1/2" C	B&B
	CP	4	PYRUS CALLERYANA	GALLERY PEAR	2 1/2" C	B&B
	TT	4	LIRIODENDRON TULIPIFERA	TULIP TREE	2 1/2" C	B&B

NOTE: ALL PROPOSED OFFSITE IMPROVEMENT TO BE CONSTRUCTED BY OTHERS.

- LEGEND**
- EXISTING PROPERTY LINE
 - EXISTING SIGN
 - EXISTING UTILITY POLE
 - EXISTING SANITARY SEWER MANHOLE
 - PROPOSED STORM DRAIN
 - PROPOSED SANITARY SEWER MANHOLE
 - PROPOSED HYDRANT
 - PROPOSED SIAMESE CONNECTION
 - EXISTING 2' CONTOUR LINE
 - EXISTING 10' CONTOUR LINE
 - PROPOSED 2' CONTOUR LINE
 - PROPOSED 10' CONTOUR LINE
 - EXISTING TREE LINE
 - PROPOSED CLEARING LIMIT
 - PROPOSED RETAINING WALL
 - W — PROPOSED WATERMAIN
 - D — PROPOSED DRAINAGE SEWER
 - S — PROPOSED SANITARY SEWER
 - SS — PROPOSED SANITARY SEWER SERVICE
 - @ — PROPOSED CLEAN OUT
 - V — PROPOSED WATER VALVE
 - BV — PROPOSED BLOW OFF VALVE



DATE	DESCRIPTION	INITIALED BY
05/06/13	REV. SEWER PER NYSDOT COMMENTS 4-23-13	MP
04/08/13	NYSDOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TBE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/26/12	REVISE STORMWATER PIPING	TBE
12/5/12	PER WORK SHOP COMMENTS	TBE
11/29/12	PER PLANNING BOARD COMMENTS	TBE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TBE
07-19-12	PER MHE SWPPP COMMENTS	TBE
05-11-12	PER TOWN ENGINEER COMMENTS	TBE
05-01-12	FOR TOWN WORKSHOP 5-2-12	TBE
01-10-12	AS PER EMAILS W/ JIM HALL	TBE
01-05-12	SITE GRADING	TBE
10-12-11	AS PER CLIENT COMMENTS	JJP
9-29-11	AS PER CLIENT COMMENTS	JJP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

MAP CHECK DATE: 03/00/00 INITIALED BY: --

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ENGINEERING & SURVEYING, PLLC

262 GREENWICH AVENUE, SUITE A
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LICENSE NO. 055039

JOSEPH J. PFAU P.E.
LICENSE NO. 066845

THOMAS A. PIETRZAK P.E., P.L.S., LEEDS AP
LICENSE NO. 056009 / P.L.S. LICENSE NO. 056005
N.Y.P.L.S. LICENSE NO. 05396

5-6-13
SIGNATURE: DATE

TEMPLE HILL APARTMENTS

TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
TOWN ROAD EXTENSION PLANS
SECTION 35 BLOCK 1 LOT 28

DRAWING TITLE

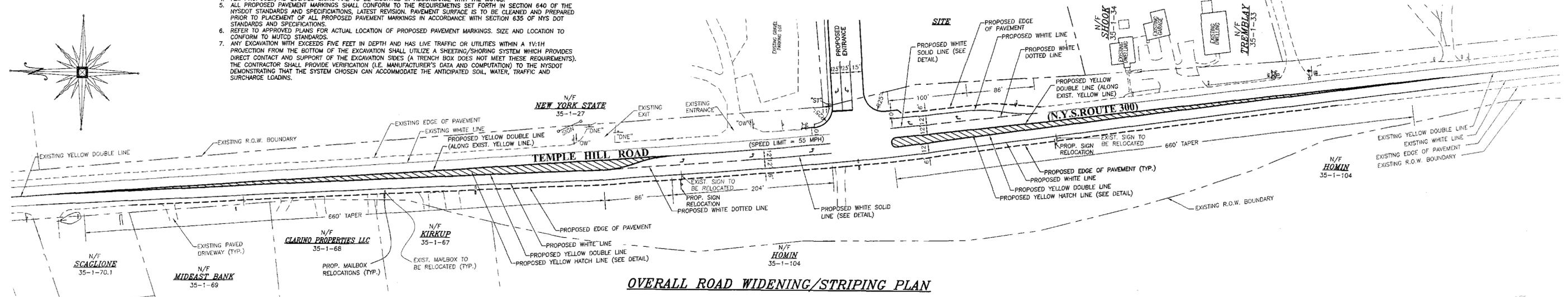
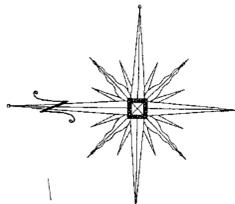
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL DESIGNER'S SEAL IS A VIOLATION OF SECTION 1209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW

O.C.H.D. SHEET NO. N/A. OF #
D.E.C. SHEET NO. 20. OF 24
DRAWING NUMBER PROJECT NUMBER

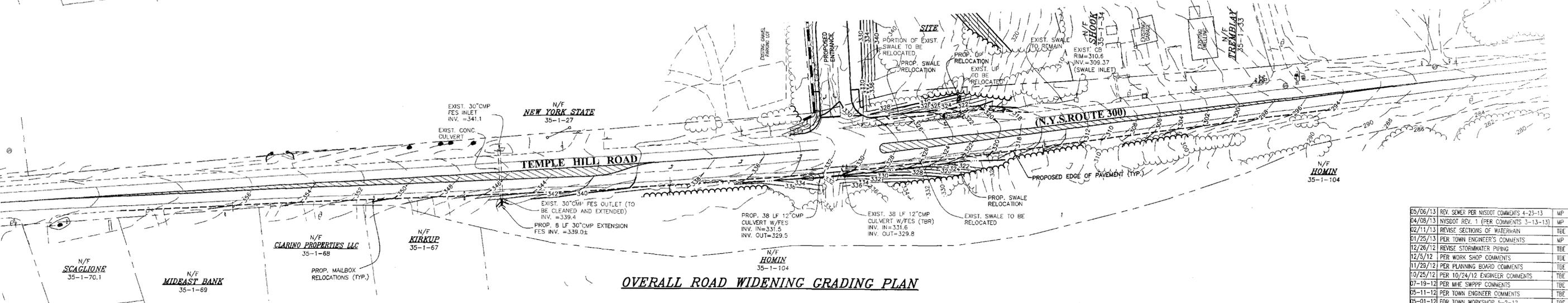
SCALE 1"=40'
11115-WORK 11115.01

NEW YORK STATE DEPARTMENT OF TRANSPORTATION NOTES:

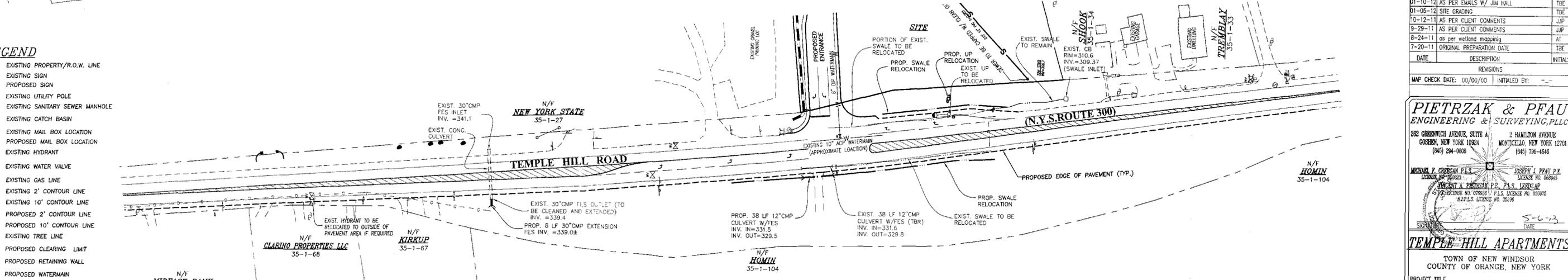
1. NO SITE PREPARATION OR CONSTRUCTION SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION.
2. NO PLANTING SHALL HAVE THE DRIP EDGE PROJECT WITHIN THE STATE RIGHT-OF-WAY AT MATURITY UNLESS OTHERWISE APPROVED.
3. NO SIGNS SHALL BE PLACED OR PROJECT INTO THE STATE RIGHT-OF-WAY UNLESS OTHERWISE APPROVED.
4. ALL PROPOSED/RE-LOCATED SIGNS ARE TO BE MOUNTED IN ACCORDANCE WITH THE MUTCD.
5. ALL PROPOSED PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN SECTION 640 OF THE NYS DOT STANDARDS AND SPECIFICATIONS, LATEST REVISION. PAVEMENT SURFACE IS TO BE CLEANED AND PREPARED PRIOR TO PLACEMENT OF ALL PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH SECTION 635 OF NYS DOT STANDARDS AND SPECIFICATIONS.
6. REFER TO APPROVED PLANS FOR ACTUAL LOCATION OF PROPOSED PAVEMENT MARKINGS. SIZE AND LOCATION TO CONFORM TO MUTCD STANDARDS.
7. ANY EXCAVATION WHICH EXCEEDS FIVE FEET IN DEPTH AND HAS LIVE TRAFFIC OR UTILITIES WITHIN A 1V:1H PROJECTION FROM THE BOTTOM OF THE EXCAVATION SHALL UTILIZE A SHEETING/SHORING SYSTEM WHICH PROVIDES DIRECT CONTACT AND SUPPORT OF THE EXCAVATION SIDES (A TRENCH BOX DOES NOT MEET THESE REQUIREMENTS). THE CONTRACTOR SHALL PROVIDE VERIFICATION (I.E. MANUFACTURER'S DATA AND COMPUTATION) TO THE NYS DOT DEMONSTRATING THAT THE SYSTEM CHOSEN CAN ACCOMMODATE THE ANTICIPATED SOIL, WATER, TRAFFIC AND SURCHARGE LOADS.



OVERALL ROAD WIDENING/STRIPING PLAN



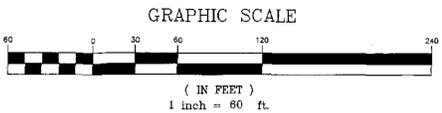
OVERALL ROAD WIDENING GRADING PLAN



OVERALL UTILITY PLAN

- LEGEND**
- - - - - EXISTING PROPERTY/R.O.W. LINE
 - - - - - EXISTING SIGN
 - - - - - PROPOSED SIGN
 - ○ ○ ○ ○ EXISTING UTILITY POLE
 - ○ ○ ○ ○ EXISTING SANITARY SEWER MANHOLE
 - □ □ □ □ EXISTING CATCH BASIN
 - ○ ○ ○ ○ EXISTING MAIL BOX LOCATION
 - ○ ○ ○ ○ PROPOSED MAIL BOX LOCATION
 - ○ ○ ○ ○ EXISTING HYDRANT
 - ○ ○ ○ ○ EXISTING WATER VALVE
 - ○ ○ ○ ○ EXISTING GAS LINE
 - ○ ○ ○ ○ EXISTING 2' CONTOUR LINE
 - ○ ○ ○ ○ EXISTING 10' CONTOUR LINE
 - ○ ○ ○ ○ PROPOSED 2' CONTOUR LINE
 - ○ ○ ○ ○ PROPOSED 10' CONTOUR LINE
 - ○ ○ ○ ○ EXISTING TREE LINE
 - ○ ○ ○ ○ PROPOSED CLEARING LIMIT
 - ○ ○ ○ ○ PROPOSED RETAINING WALL
 - ○ ○ ○ ○ PROPOSED WATERMAIN
 - ○ ○ ○ ○ PROPOSED DRAINAGE SEWER
 - ○ ○ ○ ○ PROPOSED SANITARY SEWER
 - ○ ○ ○ ○ PROPOSED CLEAN OUT
 - ○ ○ ○ ○ PROPOSED WATER VALVE

- SIGN LEGEND**
- DNE - DO NOT ENTER
 - OW - ONE WAY
 - ST - STOP



DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYS DOT COMMENTS 4-23-13	MP
04/08/13	NYS DOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TBE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/26/12	REVISE STORMWATER PIPING	TBE
12/5/12	PER WORK SHOP COMMENTS	TBE
11/29/12	PER PLANNING BOARD COMMENTS	TBE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TBE
07-19-12	PER MHE SWPPP COMMENTS	TBE
05-11-12	PER TOWN ENGINEER COMMENTS	TBE
05-01-12	FOR TOWN WORKSHOP 5-2-12	TBE
01-10-12	AS PER EMAILS W/ JIM HALL	TBE
01-05-12	SITE GRADING	TBE
10-12-11	AS PER CLIENT COMMENTS	JWP
9-29-11	AS PER CLIENT COMMENTS	JWP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

MAP CHECK DATE: 00/00/00 INITIALED BY: --

PIETRZAK & PFAU
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282 GREENWICH AVENUE, SUITE A GOSHEN, NEW YORK 10924 (845) 294-0606
2 HAMILTON AVENUE MONTICELLO, NEW YORK 12520 (845) 796-4546

MICHAEL P. PIETRZAK P.E. LICENSE NO. 068945
JOSEPH J. PFAU P.E. LICENSE NO. 068945
PROJECT: PIETRZAK & PFAU, P.C., LICENSE NO. 068945
REGISTERED PROFESSIONAL ENGINEER'S SEAL IS A COLLATION OF SECTION 2008, SUBSECTION 2 OF THE N.Y. STATE ELECTION LAW
N.Y.S. LICENSE NO. 35362

DATE: 5-6-13

TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

N.Y.S.D.O.T. PLANS
SECTION 35 BLOCK 1 LOT 28

DRAWING TITLE

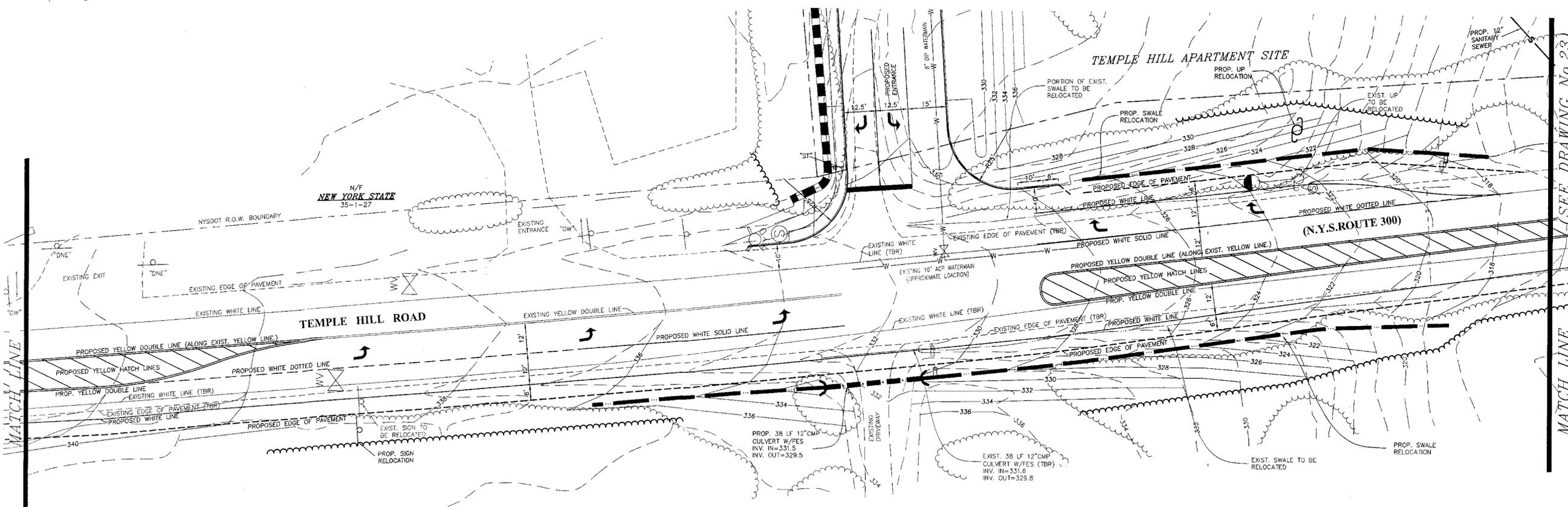
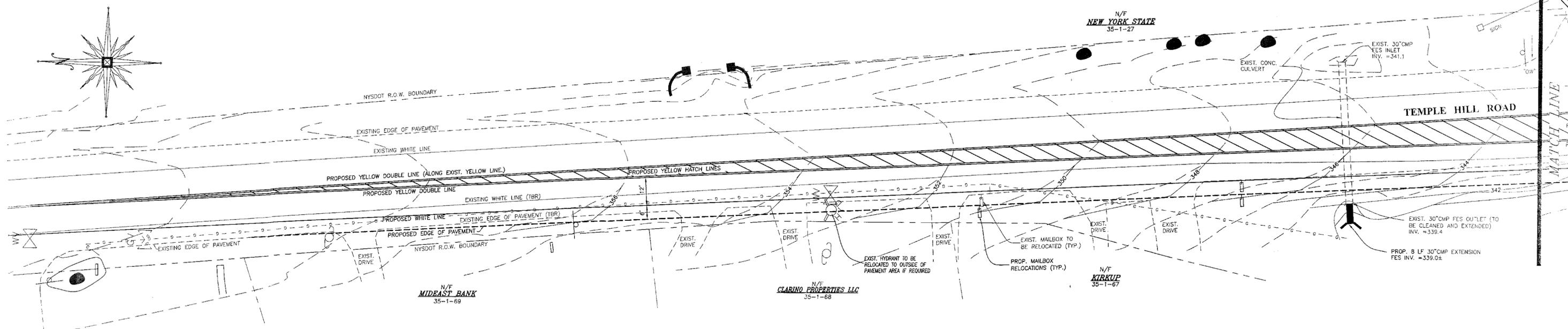
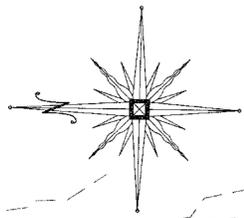
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN IS A VIOLATION OF SECTION 2008, SUBSECTION 2 OF THE N.Y. STATE ELECTION LAW

O.C.H.D. SHEET NO. 21 OF 24
D.E.C. SHEET NO. 21 OF 24
DRAWING NUMBER

SCALE: 1"=60'
CAD REFERENCE: 11115-WORK
PROJECT NUMBER: 1115.01

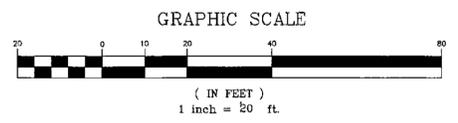
PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

D. Kelly



LEGEND

- | | | | |
|-----|---------------------------------|-----|---------------------------|
| --- | EXISTING PROPERTY/R.O.W. LINE | --- | EXISTING 2' CONTOUR LINE |
| --- | EXISTING SIGN | --- | EXISTING 10' CONTOUR LINE |
| --- | PROPOSED SIGN | --- | PROPOSED 2' CONTOUR LINE |
| ⊙ | EXISTING UTILITY POLE | --- | PROPOSED 10' CONTOUR LINE |
| ⊙ | EXISTING SANITARY SEWER MANHOLE | --- | EXISTING TREE LINE |
| □ | EXISTING CATCH BASIN | --- | PROPOSED CLEARING LIMIT |
| ⊙ | EXISTING MAIL BOX LOCATION | --- | PROPOSED RETAINING WALL |
| ⊙ | PROPOSED MAIL BOX LOCATION | --- | PROPOSED WATERMAIN |
| ⊙ | EXISTING HYDRANT | --- | PROPOSED DRAINAGE SEWER |
| ⊙ | EXISTING WATER VALVE | --- | PROPOSED SANITARY SEWER |
| --- | EXISTING GAS LINE | --- | PROPOSED CLEAN OUT |
| | | --- | PROPOSED WATER VALVE |



MATCH LINE (SEE DRAWING No. 23)

DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYSOT COMMENTS 4-23-13	MP
04/08/13	NYSOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TBE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/26/12	REVISE STORMWATER PIPING	TBE
12/5/12	PER WORK SHOP COMMENTS	TBE
11/29/12	PER PLANNING BOARD COMMENTS	TBE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TBE
07-19-12	PER MHE SWPPP COMMENTS	TBE
05-11-12	PER TOWN ENGINEER COMMENTS	TBE
05-01-12	FOR TOWN WORKSHOP 5-2-12	TBE
01-10-12	AS PER EMAILS W/ JIM HALL	TBE
01-05-12	SITE GRADING	TBE
10-12-11	AS PER CLIENT COMMENTS	JUP
9-29-11	AS PER CLIENT COMMENTS	JUP
8-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

MAP CHECK DATE: 08/06/00 INITIALS BY: ---

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC

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2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (945) 796-6666

MICHAEL P. COBBAN P.E.S. LICENSE NO. 006525
VINCENT A. PROTOCIANO P.E. P.L.S. LICENSE NO. 49788-1
P.L.S. LICENSE NO. 49788-1 P.L.S. LICENSE NO. 454005
N.Y.P.L.S. LICENSE NO. 55036

5-6-13
DATE

TEMPLE HILL APARTMENTS

TOWN OF NEW WINDSOR
COUNTY OF NEW YORK

PROJECT TITLE

N.Y.S.D.O.T.
DETAILED PLANS
SECTION 35 BLOCK 1 LOT 28

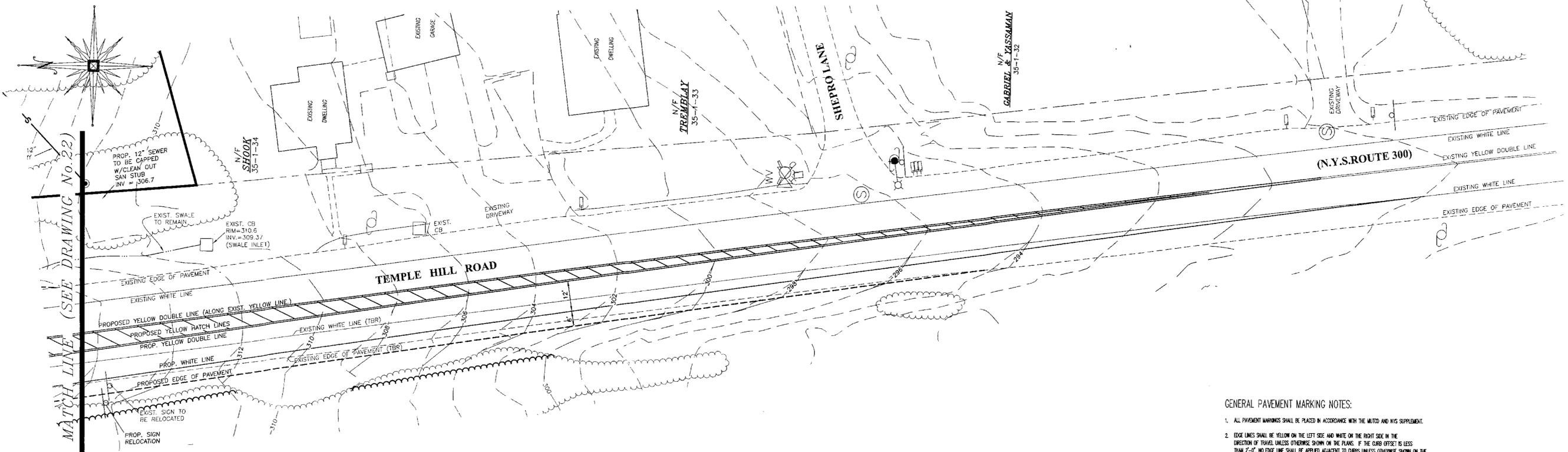
DRAWING TITLE

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUBSECTION 2 OF THE N.Y. STATE EDUCATION LAW.

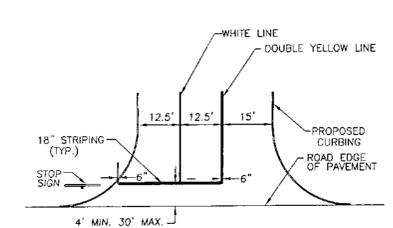
O.C.H.D. SHEET NO. OF #	D.E.C. SHEET NO. OF #	DRAWING NUMBER 22 OF 24
SCALE 1"=20'	CAD REFERENCE 11115-BORK	PROJECT NUMBER 11115.01

PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

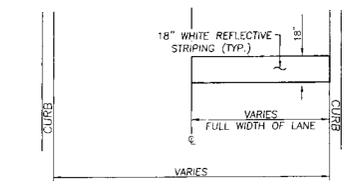
D. Gault



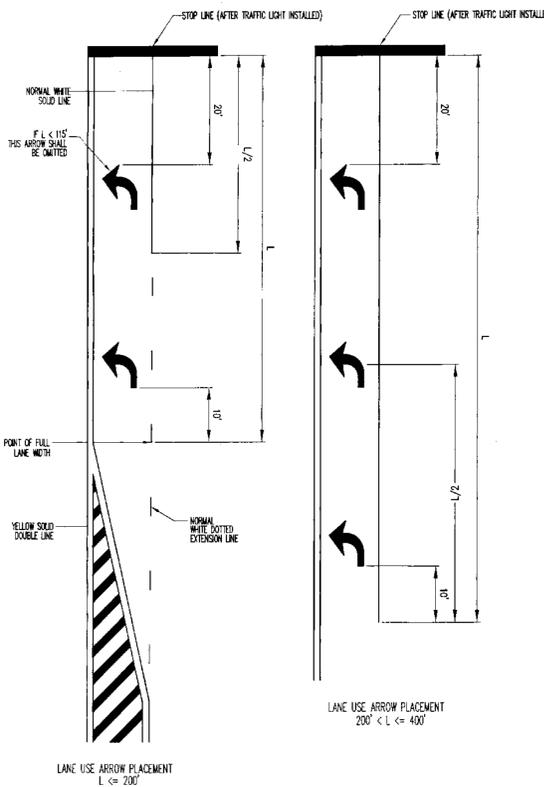
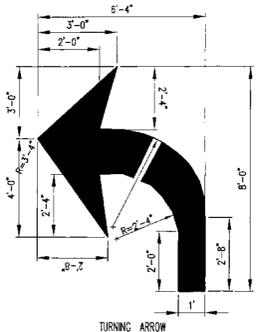
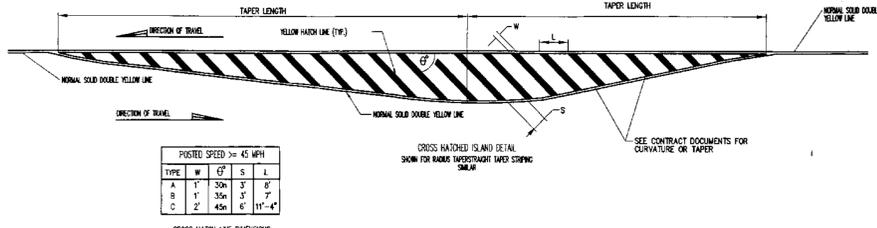
- GENERAL PAVEMENT MARKING NOTES:**
- ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
 - EDGE LINES SHALL BE YELLOW ON THE LEFT SIDE AND WHITE ON THE RIGHT SIDE IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE SHOWN ON THE PLANS. IF THE CURB OFFSET IS LESS THAN 2'-0" NO EDGE LINE SHALL BE APPLIED ADJACENT TO CURBS UNLESS OTHERWISE SHOWN ON THE PLANS. EDGE LINES SHALL BE PROVIDED AT THE CURB ADJACENT TO PARKED ISLANDS (SEE DETAIL).
 - WHERE MARKINGS NORMALLY FOLLOW A PAVEMENT JOINT, SINGLE LINE MARKINGS SHALL BE PLACED ALONG ONE SIDE OF THE JOINT. DOUBLE LINE MARKINGS SHALL STRADDLE THE JOINT. LANE LINES OR ROADWAYS WHICH ARE MORE THAN TWO LANES WIDE AND HAVE LONGITUDINAL JOINTS BETWEEN ADJACENT LANES, SHALL BE PLACED ON THE SIDE OF THE JOINT WHICH WILL OBTAIN OPTIMUM LINE WIDTHS.
 - AT THE JUNCTION OF SINGLE AND DOUBLE LINE MARKINGS WHICH FOLLOW A PAVEMENT JOINT, THE SINGLE LINE SHALL BE AN EXTENSION OF EITHER OF THE DOUBLE LINES AND NOT THE SPACE BETWEEN THEM. AT THE JUNCTION OF SINGLE AND DOUBLE LINE MARKINGS WHICH DO NOT FOLLOW A PAVEMENT JOINT, THE SINGLE LINE MAY BE ALIGNED WITH THE CENTER OF THE DOUBLE LINE MARKING OR WITH EITHER LINE OF THE DOUBLE LINE.
 - ALL DIMENSIONS AND THE PLACEMENT OF MARKINGS, SYMBOLS, AND TEXT SHOWN ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
 - THE REGIONAL TRAFFIC ENGINEER WILL REVIEW AND APPROVE ANY CHANGES TO THE PAVEMENT MARKING PLANS PRIOR TO FINAL INSTALLATION. CHANGES SHALL BE SUBMITTED TWO WEEKS PRIOR TO INSTALLATION.



- NOTES:**
- INSTALLATION AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN SECTION 640 OF NYS DOT STANDARDS AND SPECIFICATIONS, LATEST REVISION.
 - PAVEMENT SURFACE TO BE CLEANED AND PREPARED PRIOR TO PLACEMENT OF PAVEMENT MARKINGS IN ACCORDANCE WITH SECTION 635 OF NYS DOT STANDARDS AND SPECIFICATIONS.



- NOTES:**
- INSTALLATION AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN SECTION 640 OF NYS DOT STANDARDS AND SPECIFICATIONS, LATEST REVISION.
 - PAVEMENT SURFACE TO BE CLEANED AND PREPARED PRIOR TO PLACEMENT OF ALL PAVEMENT MARKINGS IN ACCORDANCE WITH SECTION 635 OF NYS DOT STANDARDS AND SPECIFICATIONS.
 - REFER TO APPROVED PLANS FOR ACTUAL LOCATION OF STOP LINE SIZE AND LOCATION TO CONFORM TO MUTCD STANDARDS.



- LEGEND**
- EXISTING PROPERTY/R.O.W. LINE
 - EXISTING SIGN
 - PROPOSED SIGN
 - EXISTING UTILITY POLE
 - EXISTING SANITARY SEWER MANHOLE
 - EXISTING CATCH BASIN
 - EXISTING MAIL BOX LOCATION
 - PROPOSED MAIL BOX LOCATION
 - EXISTING HYDRANT
 - EXISTING WATER VALVE
 - EXISTING GAS LINE
 - EXISTING 2' CONTOUR LINE
 - EXISTING 10' CONTOUR LINE
 - PROPOSED 2' CONTOUR LINE
 - PROPOSED 10' CONTOUR LINE
 - EXISTING TREE LINE
 - PROPOSED CLEARING LIMIT
 - PROPOSED RETAINING WALL
 - PROPOSED WATERMAIN
 - PROPOSED DRAINAGE SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED CLEAN OUT
 - PROPOSED WATER VALVE

DATE	DESCRIPTION	INITIALS
05/06/13	REV. SEWER PER NYS DOT COMMENTS 4-23-13	MP
04/08/13	NYS DOT REV. 1 (PER COMMENTS 3-13-13)	MP
02/11/13	REVISE SECTIONS OF WATERMAIN	TBE
01/25/13	PER TOWN ENGINEER'S COMMENTS	MP
12/26/12	REVISE STORMWATER PIPING	TBE
12/15/12	PER WORK SHOP COMMENTS	TBE
11/28/12	PER PLANNING BOARD COMMENTS	TBE
10/25/12	PER 10/24/12 ENGINEER COMMENTS	TBE
07-19-12	PER WHE SWPPP COMMENTS	TBE
05-11-12	PER TOWN ENGINEER COMMENTS	TBE
03-01-12	FOR TOWN WORKSHOP 5-2-12	TBE
01-10-12	AS PER EMAILS W/ JIM HALL	TBE
01-05-12	SITE GRADING	TBE
10-12-11	AS PER CLIENT COMMENTS	JJP
09-29-11	AS PER CLIENT COMMENTS	JJP
08-24-11	as per wetland mapping	AT
7-20-11	ORIGINAL PREPARATION DATE	TBE

PIETRZAK & PFAU
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P.I.S. LICENSE NO. 070808
P.I.P.L.S. LICENSE NO. 38066

SIGNATURE: _____ DATE: 5-6-13

TEMPLE HILL APARTMENTS

TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

N.Y.S.D.O.T.
DETAILED PLANS

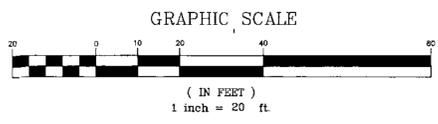
SECTION 35 BLOCK 1 LOT 28

DRAWING TITLE

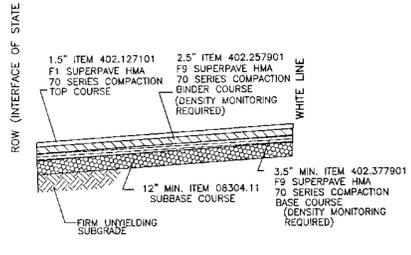
UNAUTHORIZED ATTACHMENT OR ALTERATION BY A PERSON WHO IS NOT A LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER IS VOID. AS A CONDITION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. _____ OF # _____ D.E.C. SHEET NO. _____ OF # _____ DRAWING NUMBER 231 OF 241

SCALE: 1"=20' CAD REFERENCE: 11115-WORK PROJECT NUMBER: 11115.01



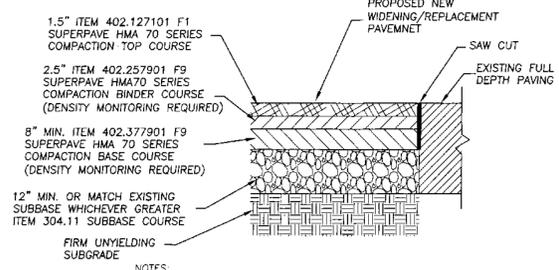
PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL



* NOTE: ALL THICKNESSES ARE MINIMUM
ALL PAVEMENT TO BE SLOPED TO PROVIDE POSITIVE DRAINAGE

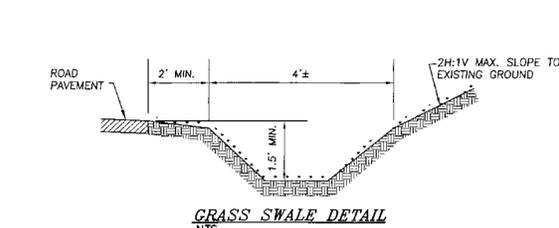
STATE ENTRANCE PAVEMENT SECTION
NOT TO SCALE

- NOTE:
1. ALL ASPHALT TO BE SUPERPAVE HOT MIX ASPHALT AS SPECIFIED.
 2. SUPERPAVE HOT MIX ASPHALT PAVEMENT TO BE TACK COATED IN ACCORDANCE WITH SECTION 407 BETWEEN LAYERS.

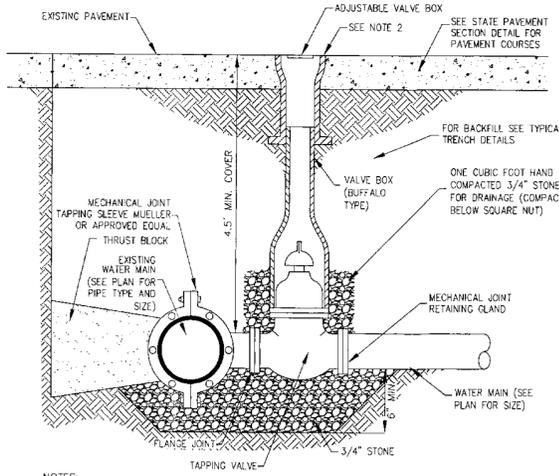


- NOTES:
1. ALL NEW PAVEMENT (INCLUDING SHOULDERS) MUST BE FULL DEPTH.
 2. ALL THICKNESSES ARE MINIMUM.
 3. PAVEMENT SLOPE TO MATCH EXISTING PAVEMENT CROWN AND PROVIDE POSITIVE DRAINAGE.
 4. ALL ASPHALT TO BE SUPERPAVE HOT MIX ASPHALT AS SPECIFIED.
 5. SUPERPAVE HOT MIX ASPHALT PAVEMENT TO BE TACK COATED IN ACCORDANCE WITH SECTION 407 BETWEEN LAYERS.
 6. BASE COURSE DEPTH SHALL BE EXTENDED TO MATCH EXISTING CONCRETE PAVEMENT + EXISTING ASPHALT PAVEMENT DEPTH.
 7. BASE COURSE LIFT THICKNESS SHALL NOT EXCEED 4\".

NYSDOT FULL DEPTH WIDENING PAVEMENT SECTION
NOT TO SCALE

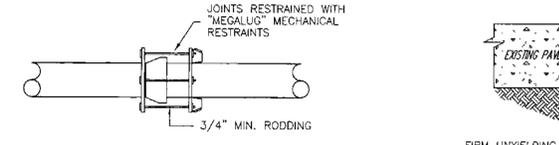


GRASS SWALE DETAIL
NTS



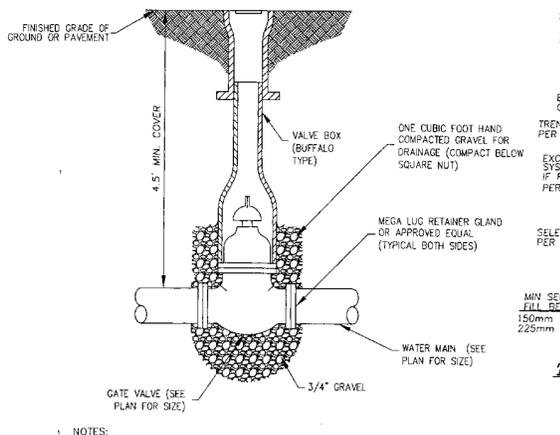
- NOTES:
1. MAXIMUM BRANCH TAP IS MAIN DIAMETER.
 2. PROVIDE TWO LAYERS OF 15# ASPHALT FELT ROOFING PAPER BETWEEN VALVE BOX AND CONCRETE COLLAR TO PREVENT CONCRETE FROM ADHERING TO RISER.

WATER MAIN WET TAP CONNECTION DETAIL
NTS



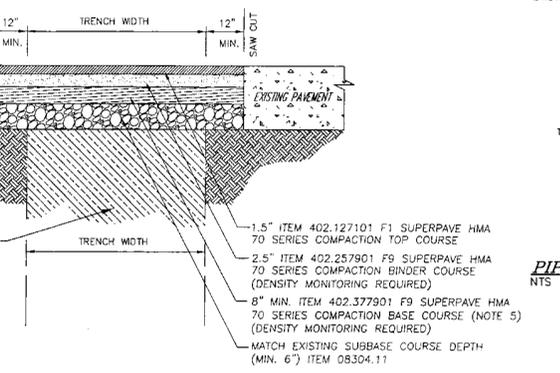
MECHANICAL JOINT RESTRAINT DETAIL
NTS

- WATER MAIN RESTRAINT NOTES:**
1. ALL FITTINGS, I.E., BENDS, ELBOW, TEES, VALVES, ETC., SHALL HAVE MINIMUM OF TWO FORMS OF RESTRAINTS, SUCH FORMS OF RESTRAINT MAY BE MECHANICAL JOINT RESTRAINT, TIE RODDING OR THRUST BLOCKING.
 2. JOINTS ASSOCIATED WITH HYDRANTS SHALL HAVE THREE FORMS OF RESTRAINT.
 3. SECTIONS OF STRAIGHT PIPE, ONE PIPE LENGTH BEYOND THE MINIMUM REQUIRED RESTRAINED LENGTH OF PIPE, DO NOT REQUIRE ANY FORM OF PIPE RESTRAINT.



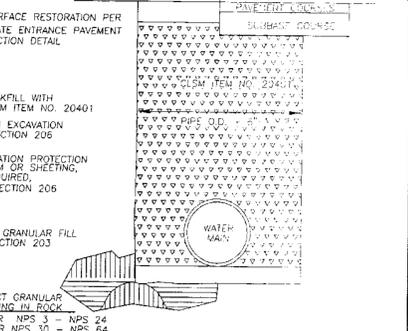
- NOTES:
1. GATE VALVES SHALL CONFORM TO AWWA SPECIFICATION C-509-01. GATE VALVES SHALL BE SERIES 2360 AS MANUFACTURED BY MUELLER CO.
 2. ALL VALVES SHALL OPEN TO THE LEFT (COUNTERCLOCKWISE).

GATE VALVE DETAIL
NTS

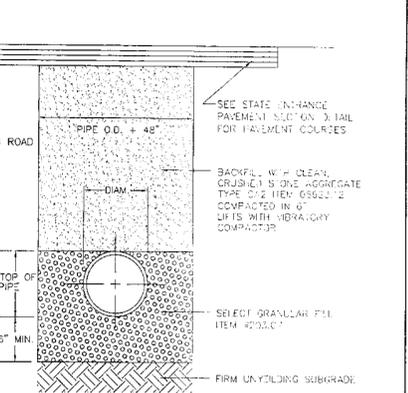


- NOTES:
1. ALL THICKNESSES ARE MINIMUM.
 2. PAVEMENT SLOPE TO MATCH EXISTING PAVEMENT CROWN AND PROVIDE POSITIVE DRAINAGE.
 3. ALL ASPHALT TO BE SUPERPAVE HOT MIX ASPHALT AS SPECIFIED.
 4. SUPERPAVE HOT MIX ASPHALT PAVEMENT TO BE TACK COATED IN ACCORDANCE WITH SECTION 407 BETWEEN LAYERS.
 5. BASE COURSE DEPTH SHALL BE EXTENDED TO MATCH EXISTING CONCRETE PAVEMENT + EXISTING ASPHALT PAVEMENT DEPTH IF NECESSARY.

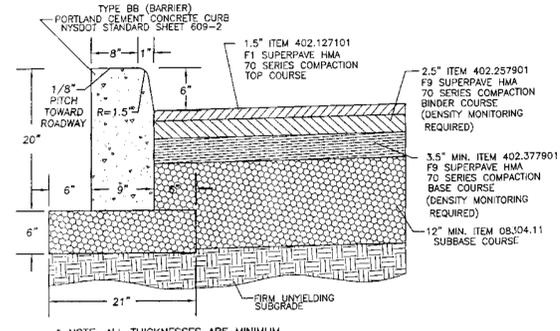
PAVEMENT REPLACEMENT OVER TRENCH DETAIL
NTS



NEW OR RE-LOCATED WATER MAIN TRENCH DETAIL WITHIN STATE R.O.W.
NTS

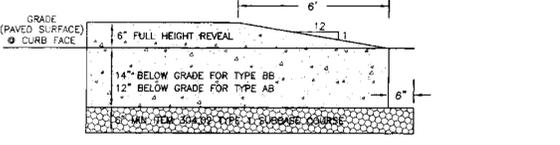


PIPE BEDDING & BACKFILL DETAIL
NTS



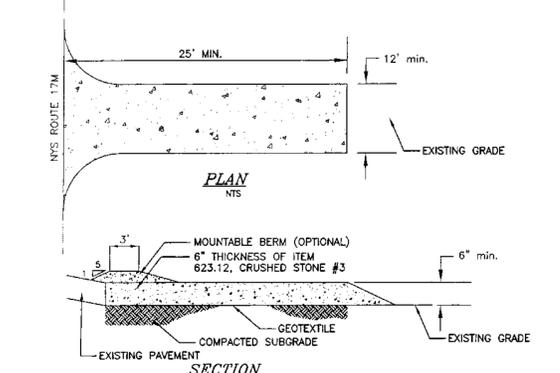
STATE ENTRANCE CURB DETAIL
NOT TO SCALE

- NOTE:
1. ALL ASPHALT TO BE SUPERPAVE HOT MIX ASPHALT AS SPECIFIED.
 2. SUPERPAVE HOT MIX ASPHALT PAVEMENT TO BE TACK COATED IN ACCORDANCE WITH SECTION 407 BETWEEN LAYERS.



STATE ENTRANCE CURB TERMINAL DETAIL
NOT TO SCALE

- NEW YORK STATE DEPARTMENT OF TRANSPORTATION NOTES:**
1. NO SITE PREPARATION OR CONSTRUCTION SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION.
 2. NO PLANTING SHALL HAVE THE DRIP EDGE PROJECT WITHIN THE STATE R.O.W. AT MATURITY.
 3. NO SIGNS SHALL BE PLACED OR PROJECT INTO THE STATE R.O.W.



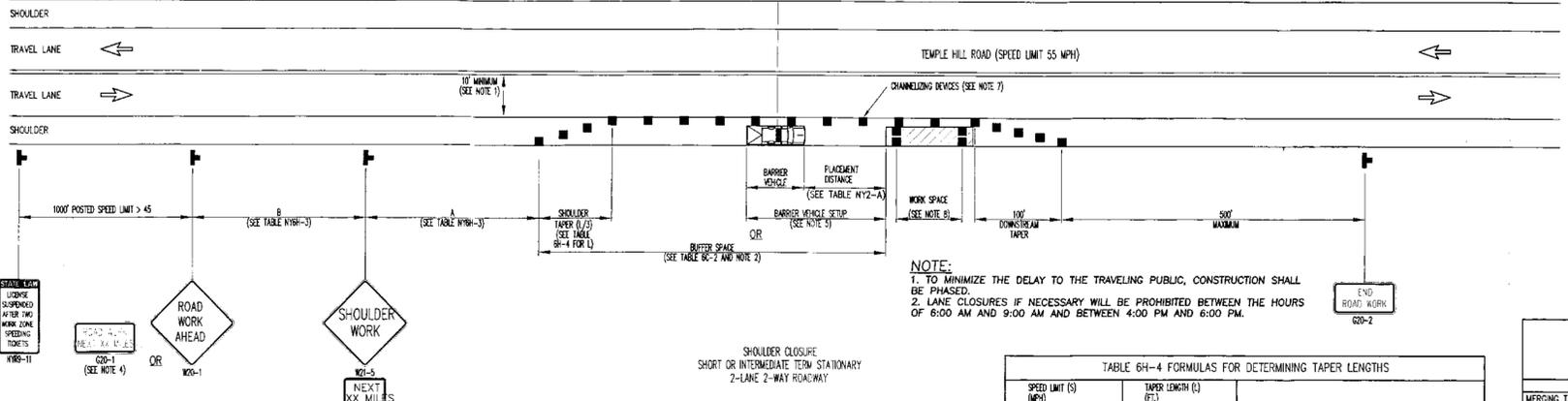
NEW YORK STATE STABILIZED CONSTRUCTION ENTRANCE DETAIL
NTS

- NOTE:
- A STABILIZED PAD OF STONE UNDERDRAIN WITH GEOTEXTILE SHALL BE LOCATED AT THE POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING THE CONSTRUCTION SITE TO OR FROM A MAINTAINED ROADWAY. IT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO A MAINTAINED ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL AGGREGATE. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO A MAINTAINED ROADWAY MUST BE REMOVED IMMEDIATELY. GEOTEXTILE SHALL BE PLACED OVER ENTIRE AREA OF STABILIZED CONSTRUCTION ENTRANCE PRIOR TO PLACING STONE.

TABLE NY2-A
PLACEMENT DISTANCE FOR BARRIER VEHICLES

RECONSTRUCTION SPEED LIMIT (MPH)	BARRIER VEHICLES*	
	(18000 LBS.)	(24000 LBS.)
> 55	100 FT.	200 FT.
45 - 55	100 FT.	165 FT.
< 45	85 FT.	165 FT.

* AS DEFINED IN NYSDOT STANDARD SPECIFICATION FOR BARRIER VEHICLE - VEHICLE USED FOR STATIONARY SHOULDERS. CURB LINE DIMENSIONS ARE PER STANDARD WORK ZONES. DIMENSION SHOWN REFLECTS THE ACTUAL HILL HEAD DIMENSION FROM MANUFACTURER.



NYSDOT WORK ZONE TRAFFIC CONTROL PLAN
NTS

- NOTES:
1. WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING OPERATION.
 2. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
 3. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES, A SUPPLEMENTAL DISTANCE PLAQUE (W7-30) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21-5).
 4. THE ROAD WORK NEXT XX MILES SIGN (W20-1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN 2 MILES.
 5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
 6. IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT PRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED 5 MILES.
 7. CHANNELIZING DEVICE SPAACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
 8. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 819 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

TABLE NY18-3-ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS			SIGN LEGEND	
	A (FT.)	B (FT.)	C (FT.)	XX	YY
URBAN (10 MPH)	100	100	100	AHEAD	AHEAD
URBAN (15-40 MPH)	200	200	200	AHEAD	AHEAD
URBAN (45 MPH)	350	350	350	1000 FT.	AHEAD
RURAL	500	500	500	1500 FT.	1000 FT.
EXPRESSWAY / FREEWAY	1000	1500	2000	1 MILE	1/2 MILE

TABLE 6H-4 FORMULAS FOR DETERMINING TAPER LENGTHS

SPEED LIMIT (S) (MPH)	TAPER LENGTH (L) (FT.)
(40 MPH) OR LESS	$L = 15 \cdot S^2 / 30$
(45 MPH) OR MORE	$L = 15 \cdot S$

TABLE 6H-4-1 STANDARD TAPER LENGTHS

LATERAL SHIFT OF TRAFFIC (FEET)	TEMPORARY TRAFFIC CONTROL ZONE POSTED SPEED LIMIT									
	(25 MPH)	(30 MPH)	(35 MPH)	(40 MPH)	(45 MPH)	(50 MPH)	(55 MPH)	(60 MPH)	(65 MPH)	(70 MPH)
4	45	60	85	110	180	200	220	240	260	280
5	55	75	105	135	225	250	275	300	325	350
6	65	90	125	160	270	300	330	360	390	420
7	75	105	145	190	315	350	385	420	455	490
8	85	120	165	215	360	400	440	480	520	560
9	95	135	185	240	405	450	495	540	585	630
10	105	150	205	270	450	500	550	600	650	700
11	115	165	225	295	495	550	605	660	715	770
12	125	180	245	320	540	600	660	720	780	840

TABLE 6C-2 LONGITUDINAL BUFFER SPACE

RECONSTRUCTION SPEED LIMIT (MPH)	DISTANCE
20	100 FT.
30	200 FT.
40	300 FT.
50	400 FT.
60	500 FT.
70	600 FT.
80	700 FT.
90	800 FT.

TABLE 6C-3 TAPER LENGTH FOR TEMPORARY TRAFFIC CONTROL ZONES

TYPE OF TAPER	TAPER LENGTH (L)
MERGING TAPER	L
SHIFTING TAPER	L/2
SHOULDER TAPER	L/3
ONE-LANE, TWO-WAY TRAFFIC TAPER	100 FT. MAXIMUM
DOWNSTREAM TAPER	100 FT. PER LANE

PLANNING BOARD #11-14
FOR TOWN OF NEW WINDSOR PLANNING BOARD APPROVAL

DATE	REVISIONS	INITIALS
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9-29-11	AS PER CLIENT COMMENTS	JUP
8-24-11	as per wetland mapping	AT
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2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 796-6666



TEMPLE HILL APARTMENTS
TOWN OF NEW WINDSOR
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
N.Y.S.D.O.T. DETAILS
SECTION 35 BLOCK 1 LOT 28
DRAWING TITLE
UNAUTHORIZED ALTERATION OF THIS OR ANY PART THEREOF IS PROHIBITED. THIS IS A SEPARATE DOCUMENT FROM THE ORIGINAL DRAWING. ANY CHANGES TO THIS DRAWING SHALL BE MADE BY THE ORIGINAL DESIGNER.
O.C.H.D. SHEET NO. 24 OF 24
SCALE
D.E.C. SHEET NO. N/A OF 2
DRAWING NUMBER
CAD REFERENCE
PROJECT NUMBER