

CONTRACT DRAWINGS



LOCATION PLAN
SCALE: 1"=2000'

PARKSIDE SUBDIVISION SECTION 4

VILLAGE OF SKANEATELES ONONDAGA COUNTY NEW YORK 2013

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- C2.0 ROAD PROFILES
- C3.0 STORM SEWER DETAILS
- C3.1 SANITARY SEWER DETAILS
- C3.2 WATER DETAILS
- C3.3 WATER, ROAD AND SIDEWALK DETAILS
- C4.0 EROSION & SEDIMENT
CONTROL PLAN AND DETAILS
- C5.0 SCHEMATIC ELECTRICAL
PLAN & DETAIL
- C6.0 EXISTING WATER QUALITY BASINS



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SGROMO ENGINEERS**
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5800 HERITAGE LANDING DRIVE (315)449-4940 (315)449-4941 FAX

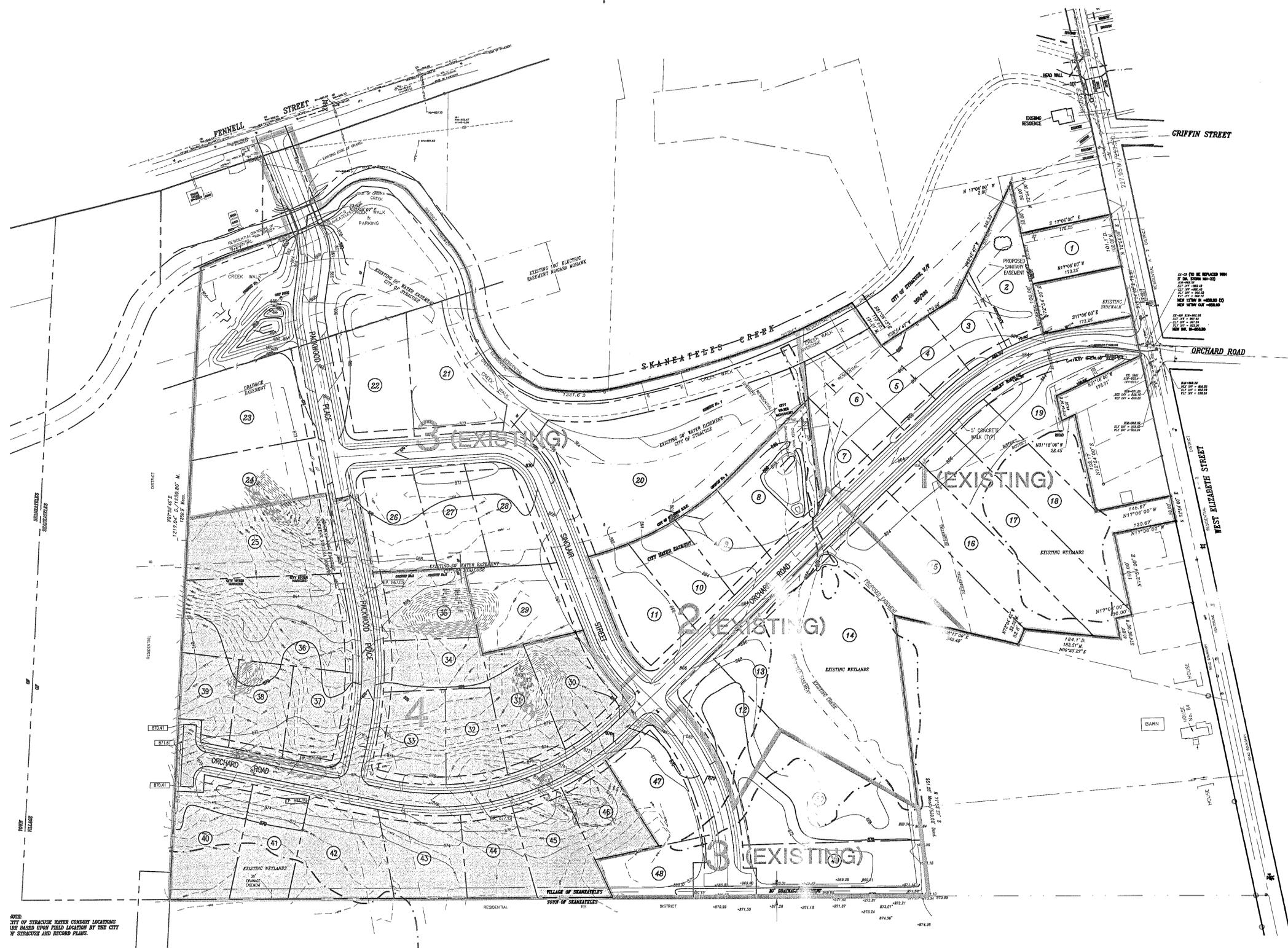
APPROVED

MAYOR

DATE

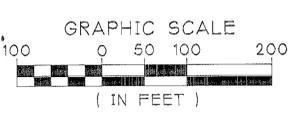
GENERAL NOTES:

- ELEVATIONS REFER TO U.S.G.S. DATUM AND ARE TAKEN FROM A TOPOGRAPHIC SURVEY PLAN PREPARED BY IANUZI AND ROMANS, P.C.
- "DIG SAFELY NEW YORK" TO BE CONTACTED 72 HOURS PRIOR TO THE START OF ANY EXCAVATION.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY TEST EXCAVATIONS TO DETERMINE ACTUAL LOCATIONS. THERE MAY BE OTHER UTILITIES NOT SHOWN, THE LOCATION OF WHICH IS UNKNOWN.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- PIPE MATERIALS, BACKFILL REQUIREMENTS AND OTHER DATA RELATIVE TO CONSTRUCTION PROCEDURES CAN BE FOUND ON DETAIL SHEETS.
- CONTRACTOR TO VERIFY INVERT ELEVATION OF EXISTING MANHOLES AND CATCH BASINS.
- PROFILE STATIONING REFERS TO CENTERLINE OF ROAD STATIONING UNLESS OTHERWISE NOTED.
- PIPE DISTANCES INDICATED ON PROFILES REFER TO ACTUAL PIPE LENGTH.
- ALL AREAS DISTURBED BY THE CONSTRUCTION, UNLESS OTHERWISE NOTED, SHALL RECEIVE 6" OF TOPSOIL, BE FINE GRADED, SEEDED AND MULCHED.
- ALL EROSION CONTROL FACILITIES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- THE VILLAGE DPW SUPERINTENDENT IS TO BE NOTIFIED PRIOR TO THE INSTALLATION OF ROAD SUBBASE COURSE, ASPHALT COURSE, AND TOP COURSE.
- SANITARY SEWERS TO BE AIR TESTED AFTER THE INSTALLATION OF THE WATER FACILITIES.
- A PERIODICALLY UPDATED SCHEDULE IDENTIFYING KEY CONSTRUCTION TASKS AND TESTING SHALL BE PROVIDED TO THE VILLAGE AND THE VILLAGE ENGINEER.



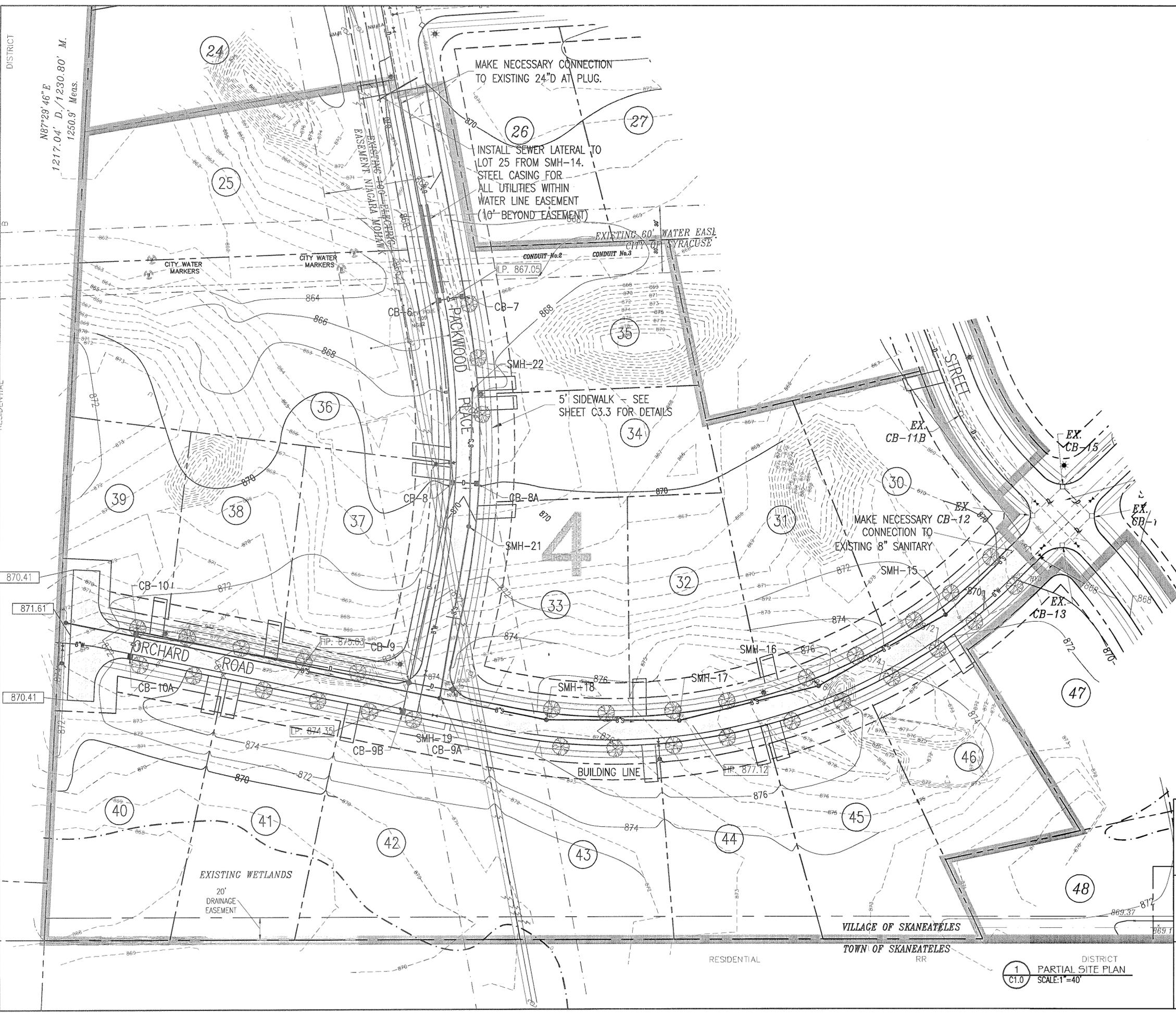
NOTES:
 1. CITY OF SYRACUSE WATER CONDUIT LOCATIONS USE BASED UPON FIELD LOCATION BY THE CITY OF SYRACUSE AND RECORD PLANS.

1 OVERALL SITE PLAN
 CO.0 SCALE: 1"=100'



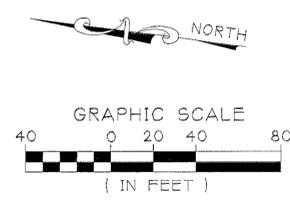
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<p>VILLAGE OF SKANEATELES ONONDAGA CO., NY PARKSIDE SUBDIVISION SECTION 4</p>		NO. DATE REVISION BY 1 07.02.13 PER VILLAGE ENGINEER RPG	FILE NO.: 1079.003 DATE: 04.02.13 DWG. NO.: CO.0
OVERALL SITE PLAN		SCALE: AS NOTED DESIGNED BY: GS DRAWN BY: RPG/wrf CHECKED BY: RM,GS	FILE NO.: 1079.003 DATE: 04.02.13 DWG. NO.: CO.0

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LEGEND	
EXISTING	PROPOSED
CONTOUR	496
SPOT ELEVATION	494.75 x
PROPERTY LINE	494.75 x
LOT LINE	
EASEMENT	
CENTERLINE	
BUILDING SETBACK	
RIGHT-OF-WAY	
WETLAND	
SANITARY MANHOLE	8" S
SANITARY LINE	8" S
STORM LINE	12" D
END SECTION	
CATCH BASIN	
WATER LINE	8" W
HYDRANT	
GATE VALVE	
POWERLINE	
GAS LINE	
LOT NUMBERS	(17)
STREET LIGHT	

NOTE:
 CONTRACTOR SHALL POLYWRAP THE WATERMAIN 10' EACH SIDE OF ANY CATCHBASIN IF THE WATERMAIN IS WITHIN 10' OF THE BASIN. IF THE WATERMAIN IS WITHIN 3' OF A CATCHBASIN IT SHALL BE ENCASED. THE WATERMAIN SHALL ALSO BE WRAPPED IF IT IS WITHIN 10' OF THE STORM SEWER.





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NO.	DATE	REVISION	BY
1	04.30.13	DRIVEWAYS & STREET LIGHTS	WRF
2	05.22.13	MOVED SMH-22	WRF
3	07.02.13	PER VILLAGE ENGINEER	RPG

VILLAGE OF SKANEATELES
 ONONDAGA CO., NY
PARKSIDE SUBDIVISION SECTION 4

SCALE: AS NOTED FILE NO.: 1079.003

DESIGNED BY: RPG DATE: 04.02.13

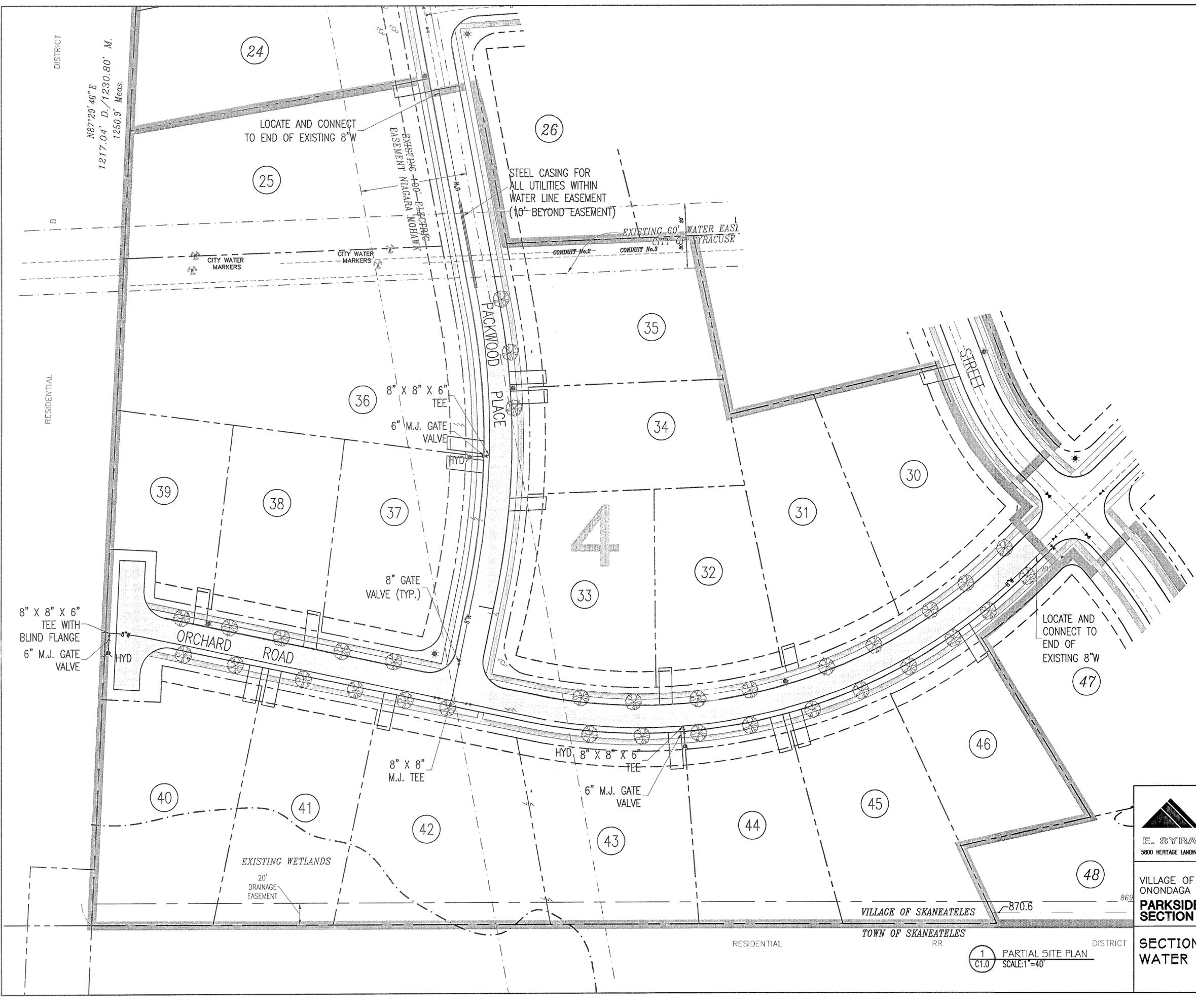
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CHECKED BY: GS

SECTION 4
SITE PLAN

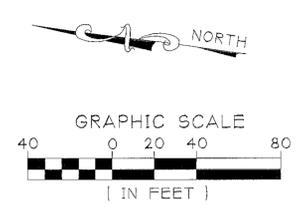
1
 C1.0 PARTIAL SITE PLAN
 SCALE: 1"=40'

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LEGEND	
EXISTING	PROPOSED
CONTOUR	496
SPOT ELEVATION	494.75 → X
PROPERTY LINE	494.75 → X
LOT LINE	---
EASEMENT	---
CENTERLINE	---
BUILDING SETBACK	---
RIGHT-OF-WAY	---
WETLAND	---
SANITARY MANHOLE	⊙
SANITARY LINE	---S---
STORM LINE	---D---
END SECTION	⊙
CATCH BASIN	⊠
WATER LINE	---W---
HYDRANT	⊙
GATE VALVE	⊕
POWERLINE	---
GAS LINE	---
LOT NUMBERS	(47)
STREET LIGHT	⊙

NOTE:
SEE NOTE 8, SHEET C3.2 FOR WATERLINE CASING REQUIREMENTS.



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2	07.02.13	PER VILLAGE ENGINEER	RPG

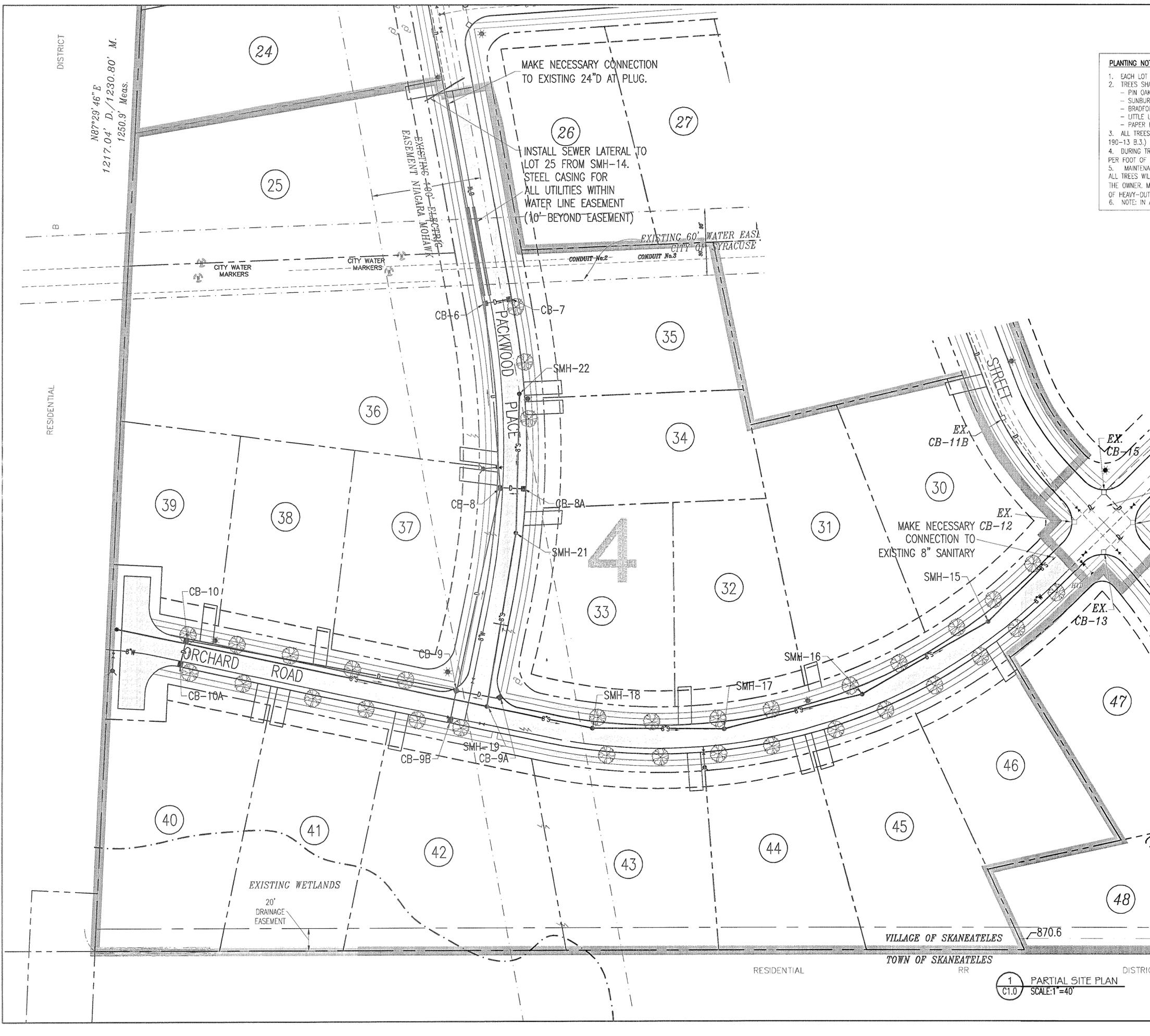
VILLAGE OF SKANEATELES
ONONDAGA CO., NY
PARKSIDE SUBDIVISION SECTION 4

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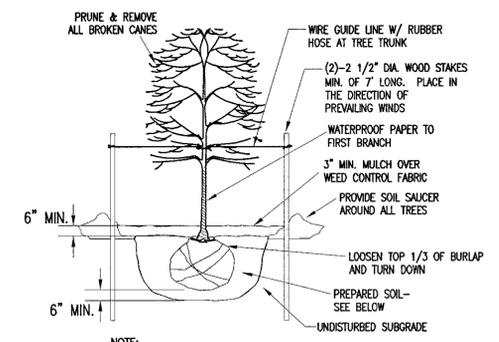
1 PARTIAL SITE PLAN
C1.0 SCALE: 1"=40'

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- PLANTING NOTES:**
- EACH LOT SHALL HAVE A MINIMUM OF ONE DECIDUOUS TREE FOR EVERY 50 L.F. OF FRONTAGE OR PORTION THEREOF.
 - TREES SHALL INCLUDE A MIX OF THE FOLLOWING SPECIES:
 - PIN OAK
 - SUNBURST LOCUST
 - BRADFORD PEAR
 - LITTLE LEAF LINDEN
 - PAPER BARK MAPLE
 - ALL TREES SHALL BE A MINIMUM OF 8 FEET TALL WITH A TRUNK DIAMETER OF 2 1/2" D.B.H. (VILLAGE CODE SECTION 190-13 B.3.)
 - DURING TREE PLANTING OPERATIONS, ADD ADDITIONAL 1 OZ. OF VIETERRA GELSCAPE PER 1" OF CALIPER (OR 1 OZ. PER FOOT OF BALL DIAM.) TO BACKFILL MATERIAL.
 - MAINTENANCE OF LANDSCAPING: ALL TREES WILL BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE AND THEN PERMANENTLY MAINTAINED BY THE OWNER. MULCH ALL TREES WITH 2" MINIMUM LAYER OF TWICE CHIPPED STANDARD BARK MULCH OVER UNDERLAYMENT OF HEAVY-DUTY WEED CONTROL FABRIC. OVERLAP EDGES MINIMUM 18".
 - NOTE: IN ACCORDANCE WITH THE ASSENT AGREEMENT, NO TREES SHALL BE PLANTED WITHIN THE NATIONAL GRID EASEMENT.



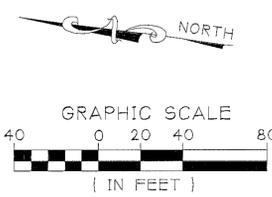
NOTE: PLANT PIT SHALL BE MINIMUM WIDTH EQUAL TO TWICE THE BALL DIAMETER

NOTE: PREPARED TOPSOIL MIXTURE SHALL BE, BY VOLUME: 4 CUBIC YARDS TOPSOIL, 7.5 CUBIC FEET PEAT MOSS AND 20 POUNDS FERTILIZER (MILORGANITE, NU-EARTH OR EQUAL)

1 TREE PLANTING
C1.2 NOT TO SCALE

LEGEND

- SECTION BOUNDARY
- LOT NUMBERS
- LOT LINE
- PROPOSED TREE
- PROPOSED STREET LIGHT



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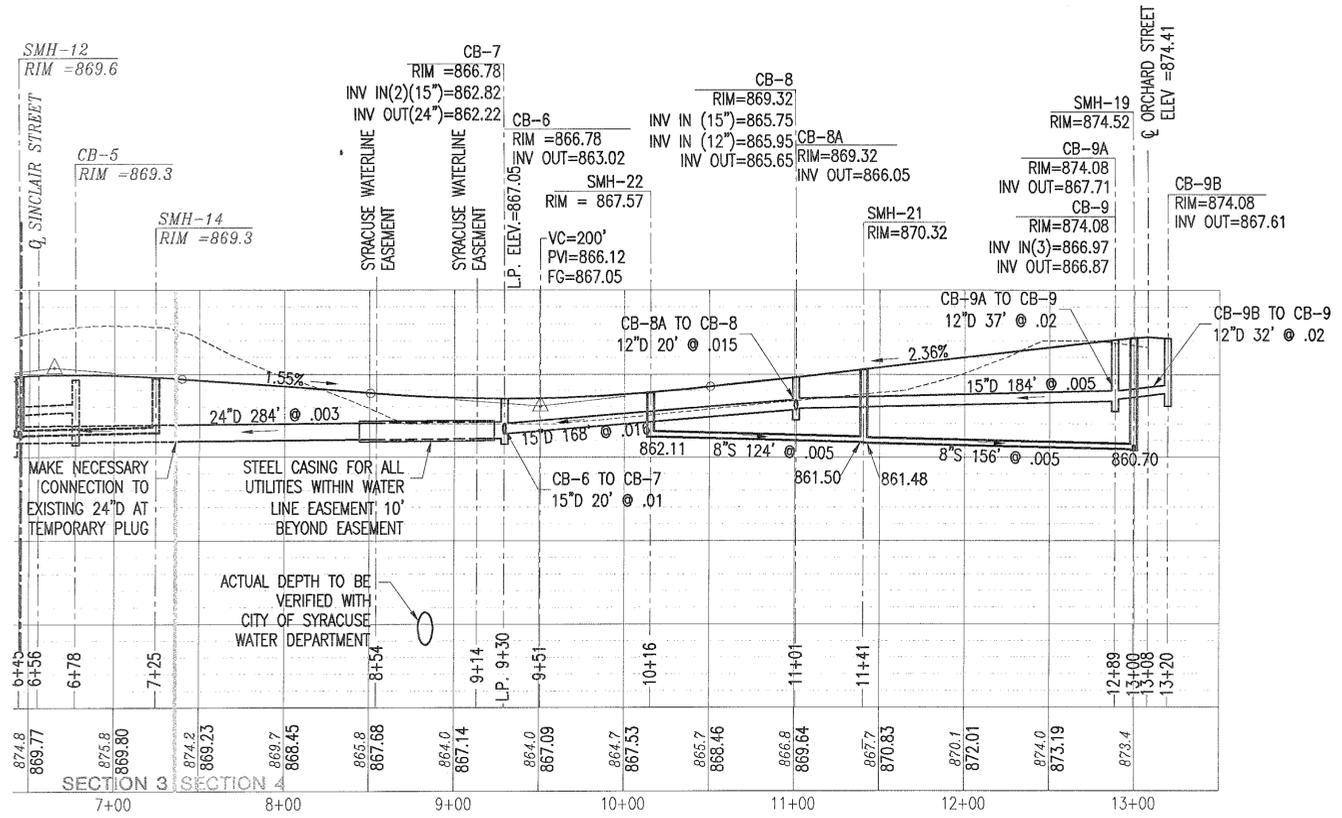
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2	04.30.13	TREE PLANTINGS	WRF
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3	07.02.13	PER VILLAGE ENGINEER	RPG

VILLAGE OF SKANEATELES
ONONDAGA CO., NY
PARKSIDE SUBDIVISION SECTION 4

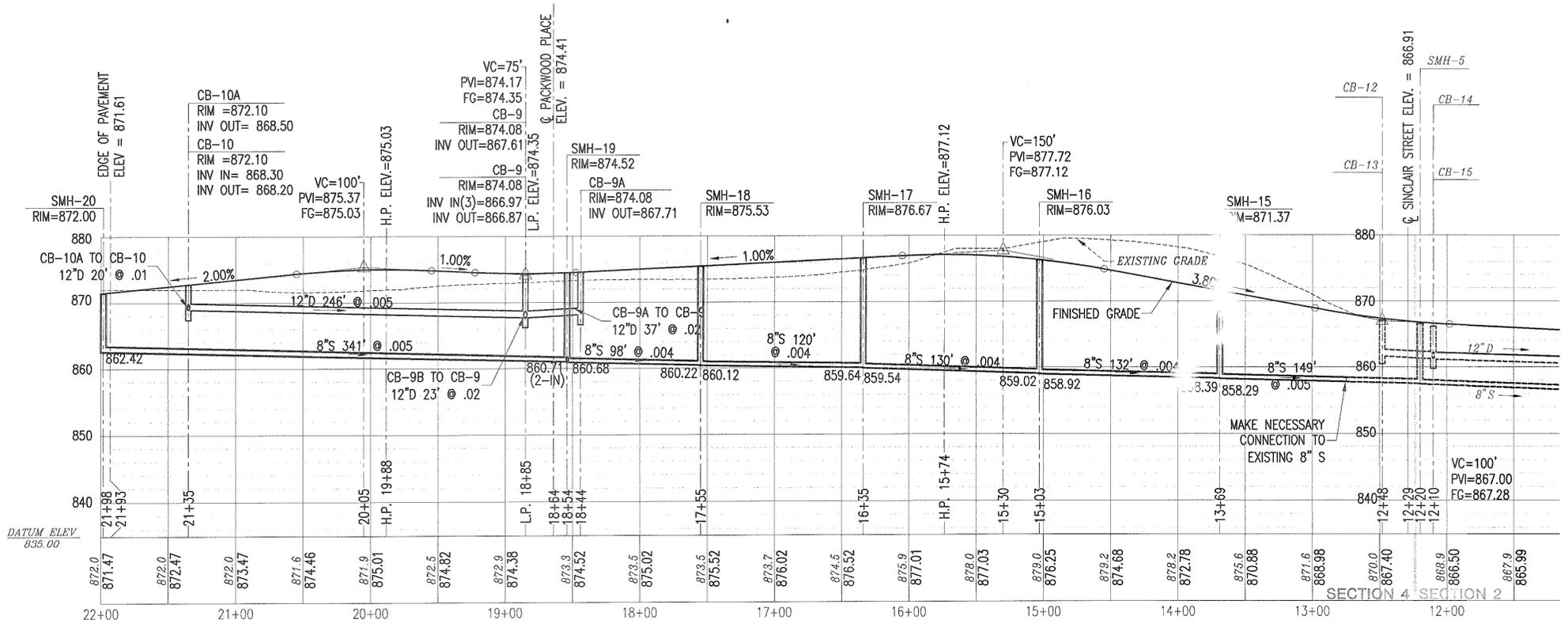
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C1.2

1 PARTIAL SITE PLAN
C1.0 SCALE: 1"=40'



1 PROFILE: PACKWOOD PLACE
 SCALE: 1"=50' HORZ. 1"=10' VERT.



2 PROFILE: ORCHARD ROAD
 SCALE: 1"=50' HORZ. 1"=10' VERT.



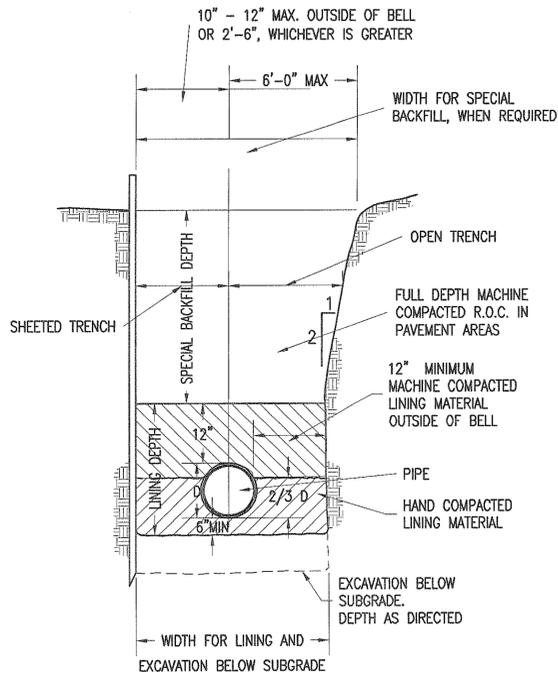
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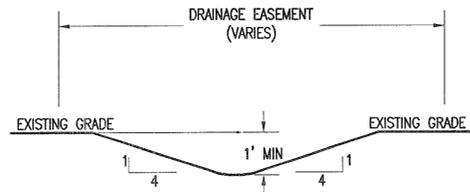
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ROAD PROFILES SECTION 4		SCALE: AS NOTED	FILE NO.: 1079.003		
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1 DETAIL: STORM TRENCH AND LINING
C3.0 NOT TO SCALE



2 DETAIL: TYPICAL SWALE OR CHANNEL
C3.0 NOT TO SCALE

STORM SEWER NOTES

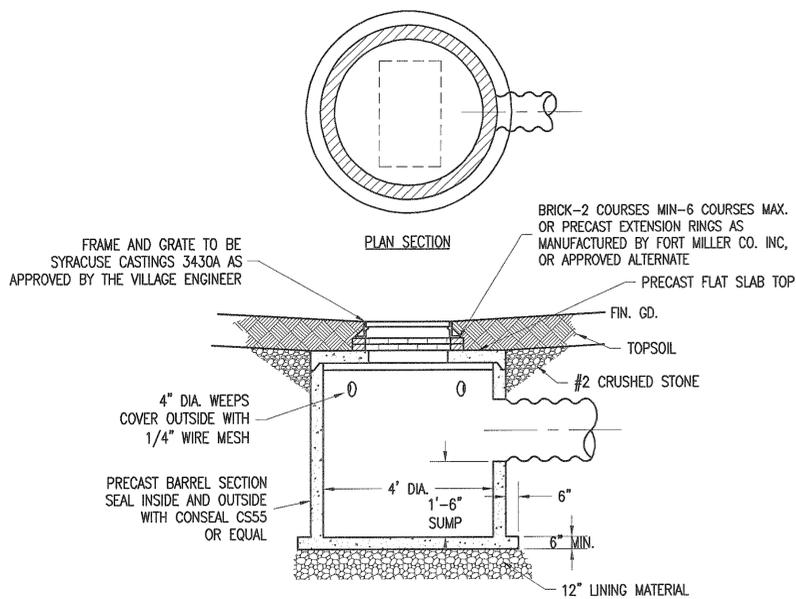
- CATCH BASIN AND MANHOLE DIAMETERS SHALL BE AS FOLLOWS:

LARGEST PIPE SIZE IN STRUCTURE	INSIDE DIAMETER OF STRUCTURE
UP TO 24"	4'
27" TO 42"	5'
LARGER THAN 42"	SPECIAL STRUCTURE
- STORM SEWER PIPING TO BE CORRUGATED SMOOTH BORE POLYETHYLENE PIPE IN ACCORDANCE WITH N.Y.S.D.O.T. ITEM 18903.97 AND AASHTO-M252 & M294. ALL STORM LINES TO BE LAMPED UPON COMPLETION.
- FLARED END SECTIONS SHALL BE INSTALLED ON ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH NYS DOT STANDARD SHEET M603-3.
- LINING MATERIALS AND SPECIAL BACKFILL TO BE R.O.B. OR R.O.C. MATERIAL (N.Y.S.D.O.T. SECTION 304-2.02 TYPE 4), MEETING THE FOLLOWING GRADATIONS:

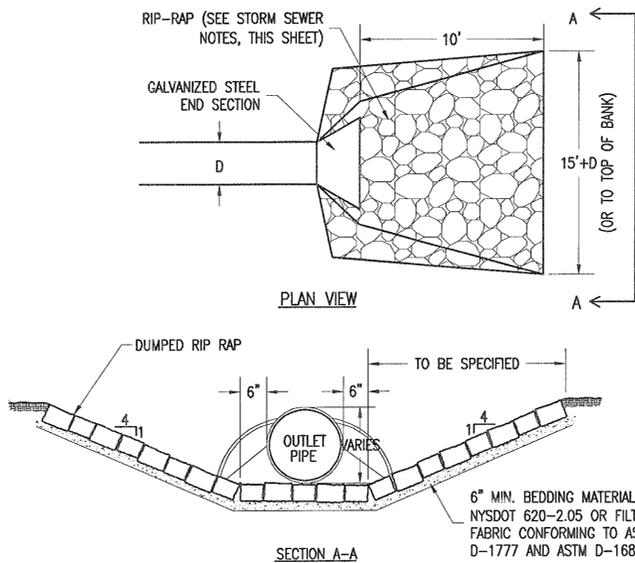
SIEVE SIZE	PERCENT PASSING BY WEIGHT
2"	100
1/4"	30-50
NO. 40	5-40
NO. 200	0-10
- GRANULAR FILTER MATERIAL TO BE N.Y.S.D.O.T. (SECTION 605-2.02) TYPE 1, MEETING THE FOLLOWING GRADATIONS:

SIEVE SIZE	PERCENT PASSING BY WEIGHT
1"	100
1/2"	30-100
1/4"	0-30
NO. 10	0-10
NO. 20	0-5
- RIP-RAP SHALL BE UNIFORMLY HARD, DURABLE, AND ANGULAR FIELD OR QUARRIED LIMESTONE WITH A MINIMUM DENSITY OF 150 LB/CF. THE RATIO OF THE MINIMUM DIMENSION TO THE MAXIMUM DIMENSION OF EACH PIECE TO BE AT LEAST 0.6. RIP-RAP SHALL BE COMPOSED OF A WELL GRADED MIXTURE OF PRIMARILY LARGER STONE SIZES WITH A SUFFICIENT MIXTURE OF SMALLER SIZES TO FILL THE VOIDS. UNLESS OTHERWISE NOTED IN THESE PLANS, SUPPLEMENTAL SPECIFICATIONS, OR UNLESS OTHERWISE DIRECTED, RIP-RAP SIZES SHALL BE AS FOLLOWS:

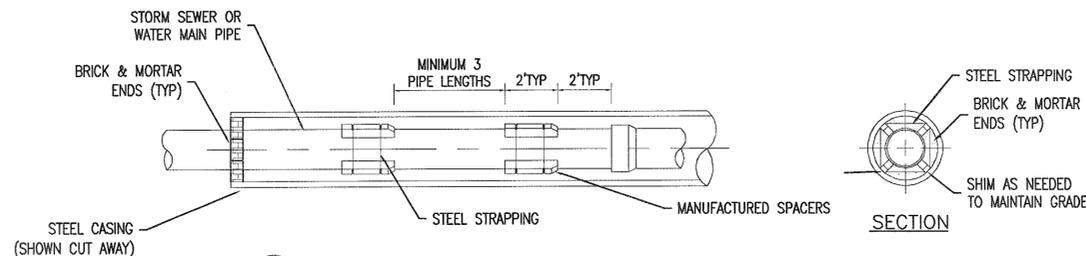
MAX. DIMENSION OF STONE	% OF MIX BY WEIGHT
18-24"	20
12-18"	50
8-12"	20
4-8"	10
- RIP-RAP SHALL BE HAND-CHINKED FOR STABILITY.
- ALL STORM SEWER UTILITIES CROSSING THE CITY OF SYRACUSE WATER EASEMENT TO BE ENCASED IN STEEL WITHIN THE EASEMENT. 24" STORM SEWER CROSSING WATER EASEMENT SHALL BE IN 30" CASING. CASING SHALL BE SCHEDULE 40 STEEL WITH 0.50" WALL THICKNESS.



3 DETAIL: PRECAST CONCRETE CATCH BASIN
C3.0 NOT TO SCALE



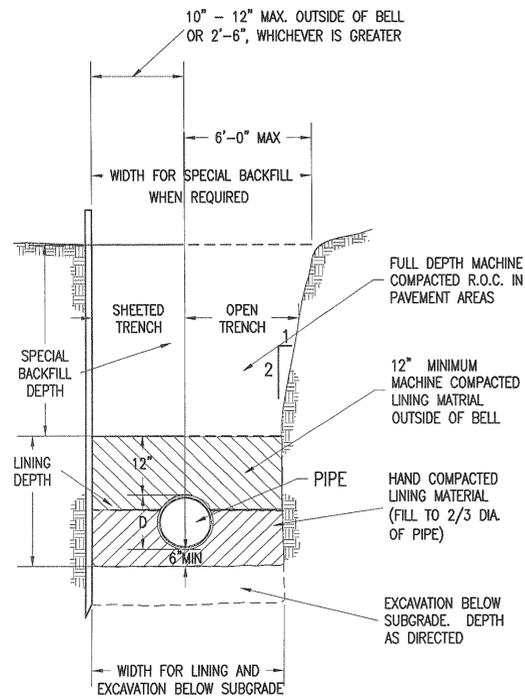
4 DETAIL: RIP-RAP END SECTION
C3.0 NOT TO SCALE



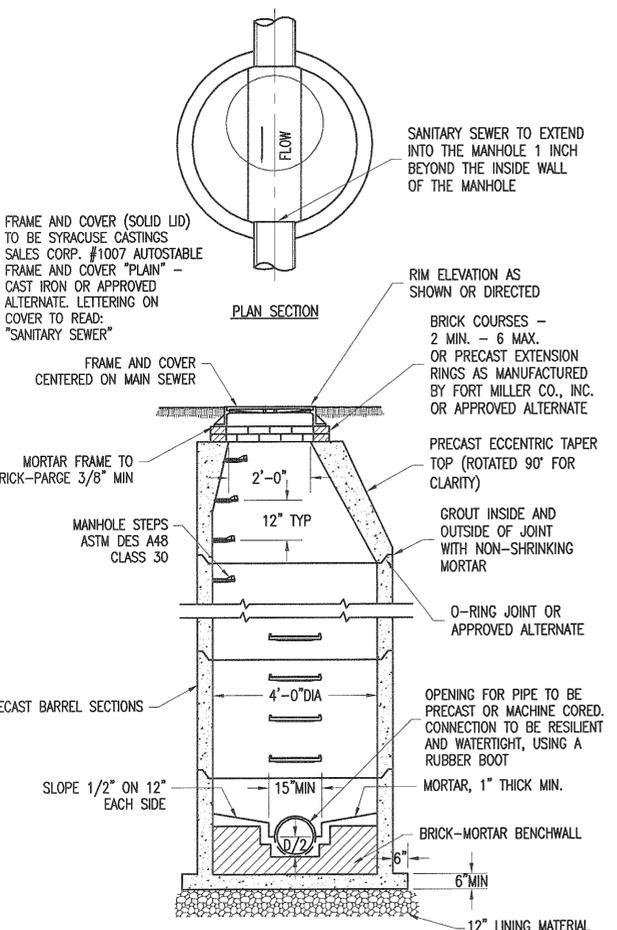
5 CASING PIPE AT WATER EASEMENT CROSSING
C3.0 NOT TO SCALE

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	2	05.22.13	ADDED DETAIL 5	WRF
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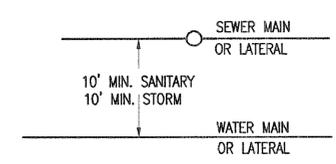
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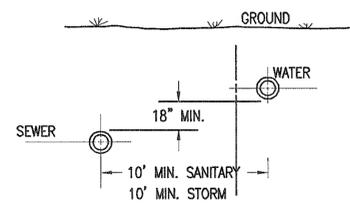
1 DETAIL: SANITARY TRENCH AND LINING
C3.1 NOT TO SCALE



2 DETAIL: PRECAST CONCRETE MANHOLE
C3.1 NOT TO SCALE

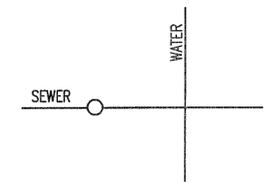


PLAN
HORIZONTAL SEPARATION

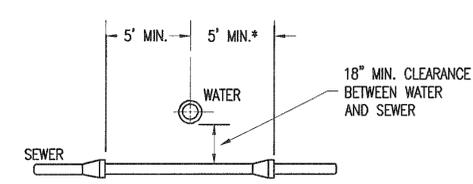


SECTION
VERTICAL SEPARATION

3 DETAIL: RELATION OF STORM & SANITARY SEWER TO WATER MAIN
C3.1 NOT TO SCALE

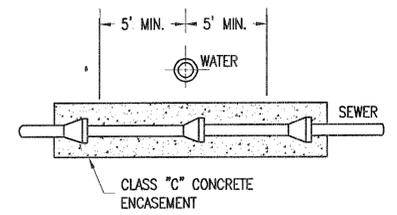


PLAN

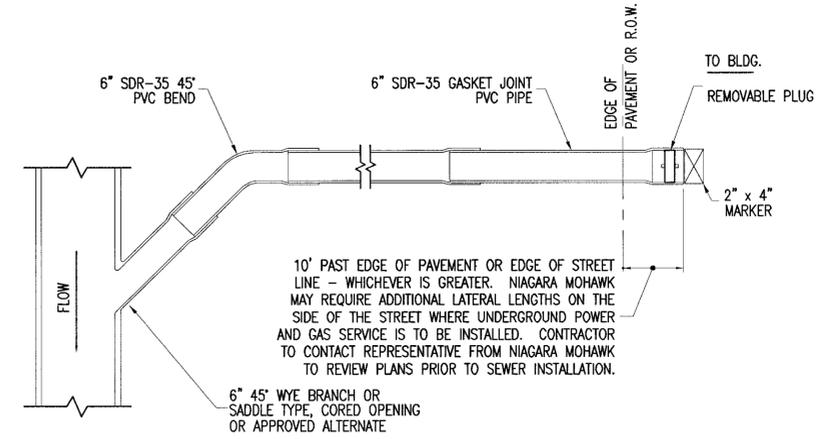


SECTION

*** NOTE**
IF DISTANCE FROM WATER MAIN TO SEWER JOINT IS LESS THAN 5' MIN. THEN ALL SEWER JOINTS WITHIN 10' MUST BE ENCASED IN CONCRETE. (CONCRETE MUST BE INSTALLED TO THE NEXT BELL OR COLLAR BEYOND THE 5' MINIMUM.)



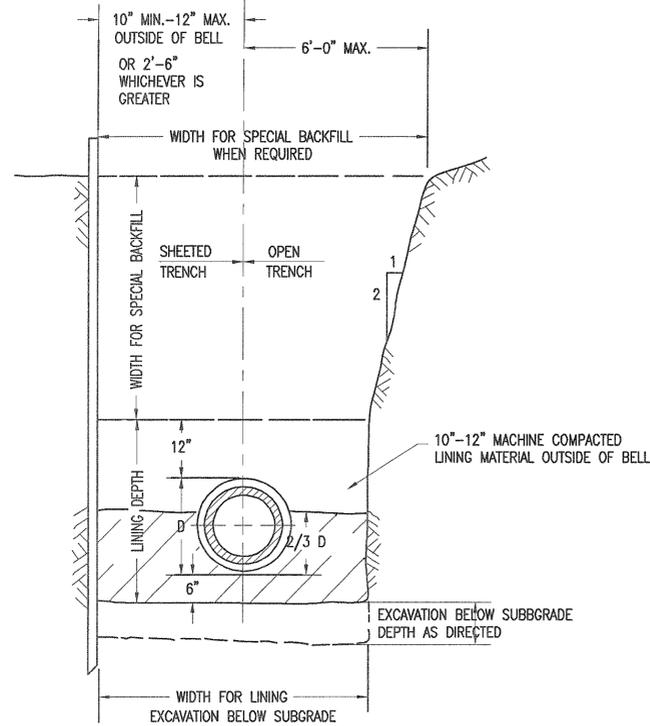
4 DETAIL: STORM & SANITARY SEWER CROSSING
C3.1 NOT TO SCALE



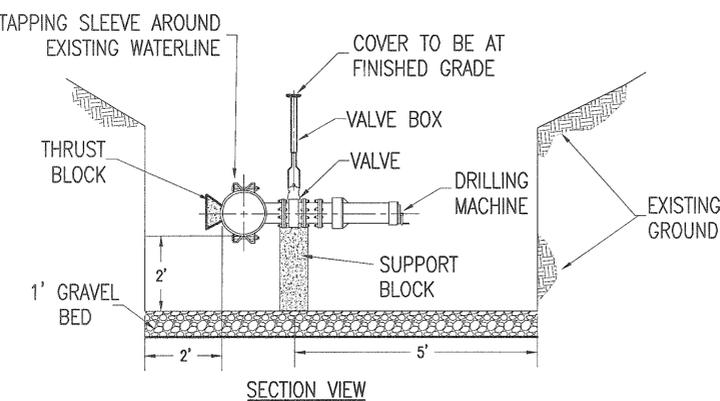
5 DETAIL: STANDARD BUILDING LATERAL
C3.1 NOT TO SCALE

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VILLAGE OF SKANEATELES ONONDAGA CO., NY PARKSIDE SUBDIVISION SECTION 4		SANITARY SEWER DETAILS <p style="text-align: right; font-size: 2em;">C3.1</p>	

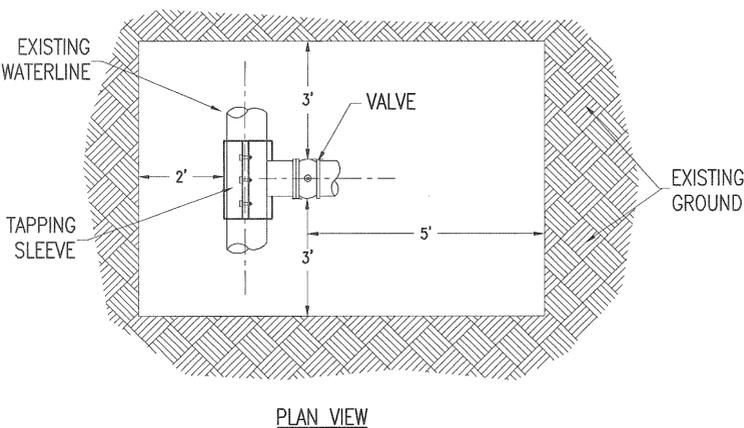
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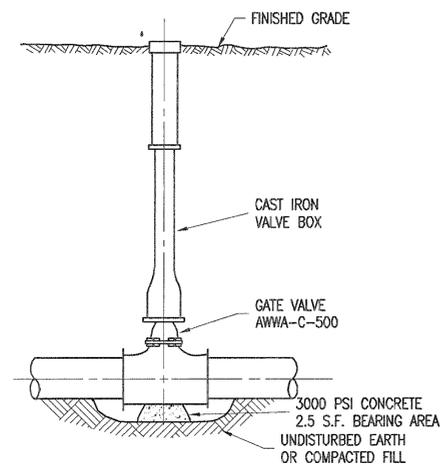
1
C3.2
DETAIL: TRENCH AND LINING
NOT TO SCALE



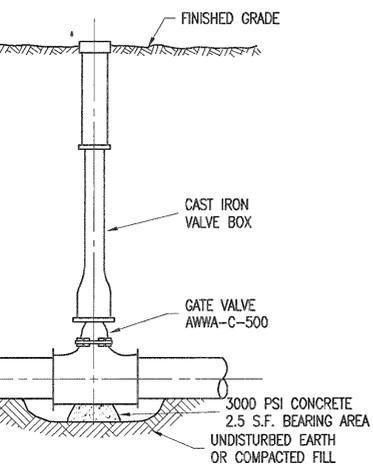
2
C3.2
DETAIL: TAPPING SLEEVE AND VALVE
NOT TO SCALE



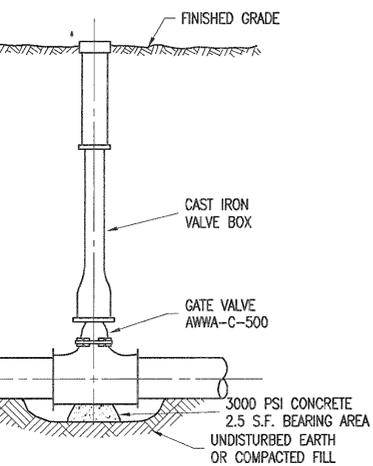
3
C3.2
DETAIL: GATE VALVE
NOT TO SCALE



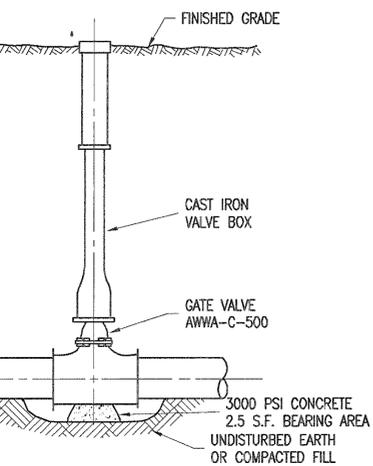
4
C3.2
DETAIL: TYPICAL HOUSE SERVICE INSTALLATION
NOT TO SCALE
NOTE:
CURB BOX SHALL BE 1"± INSIDE UTILITY
EASEMENT ON BOTH SIDES OF ROAD.



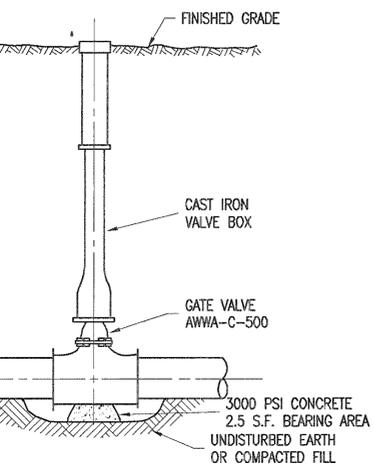
5
C3.2
DETAIL: GATE VALVE
NOT TO SCALE



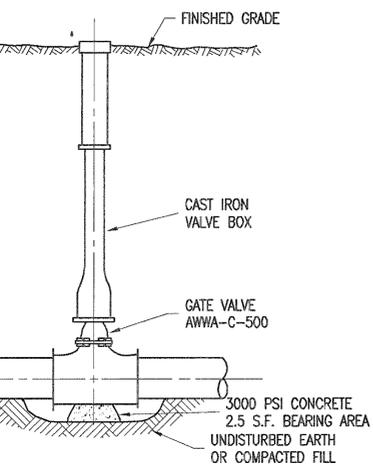
6
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



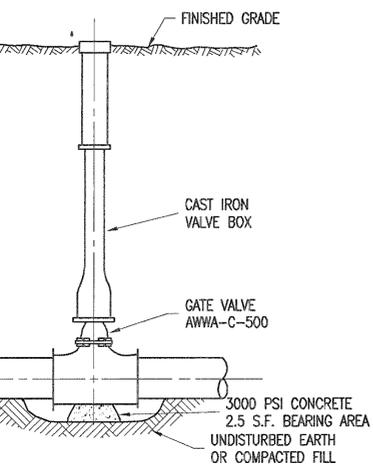
7
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



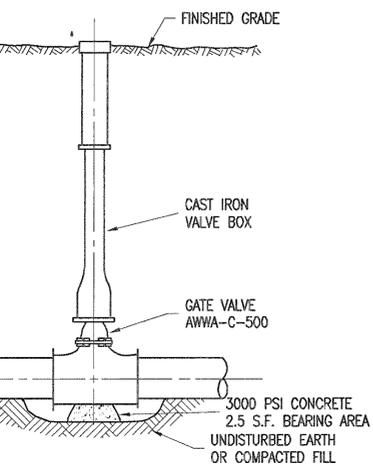
8
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



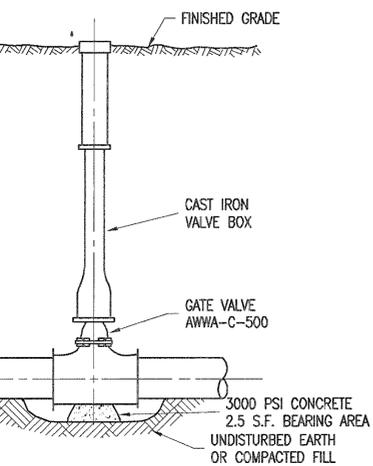
9
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



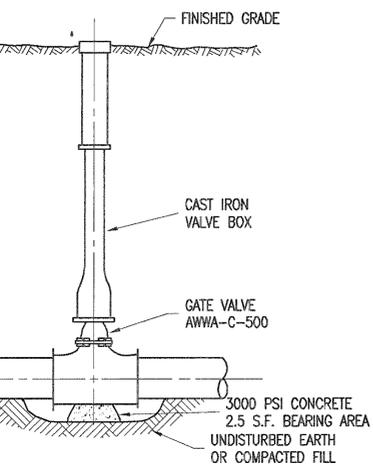
10
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



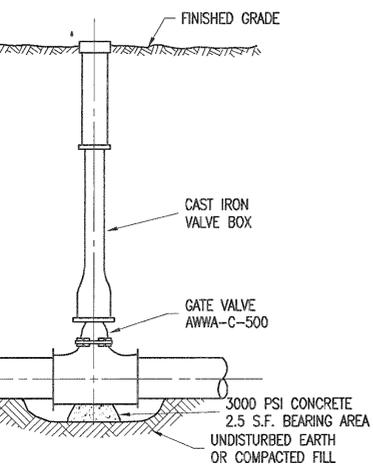
11
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



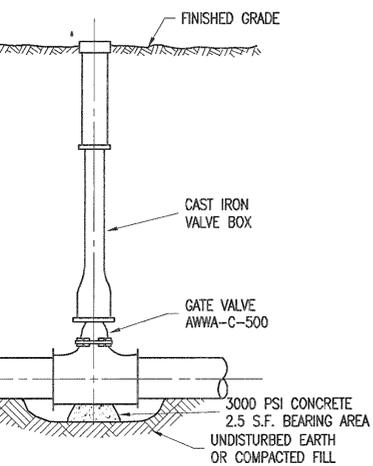
12
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



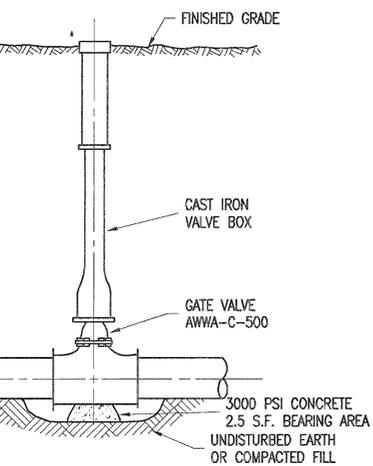
13
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



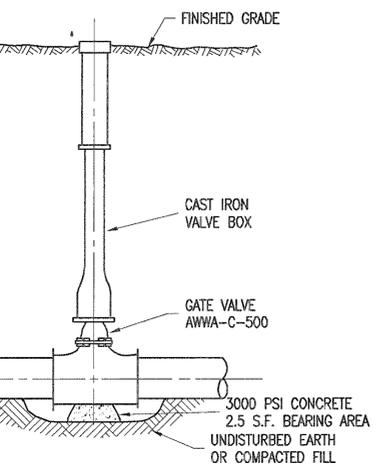
14
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



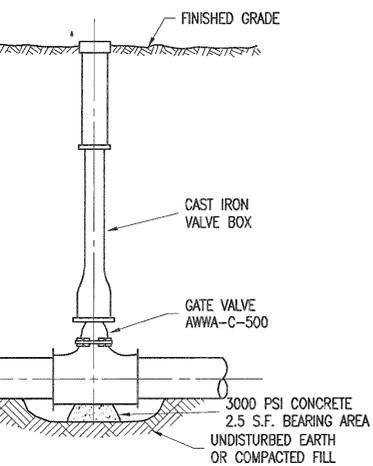
15
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



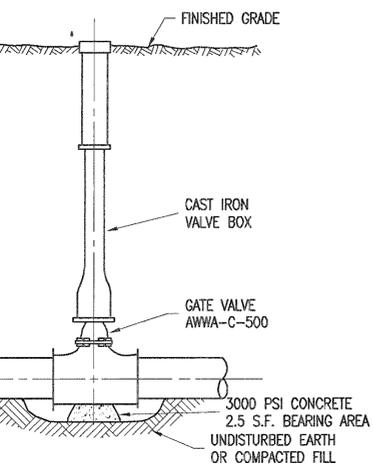
16
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



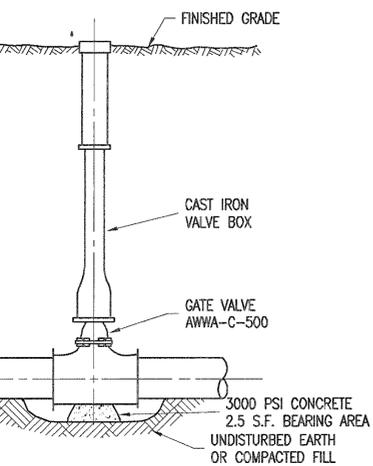
17
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



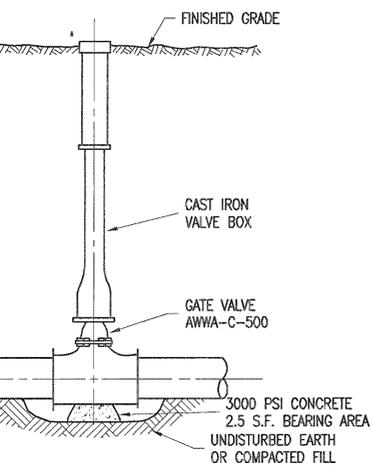
18
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



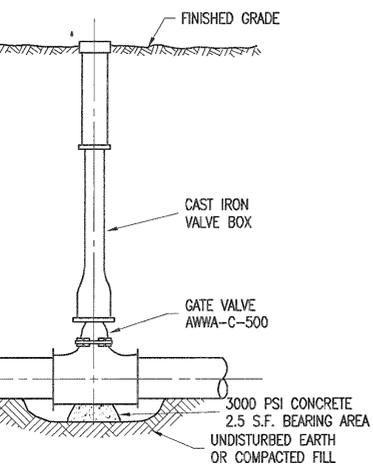
19
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



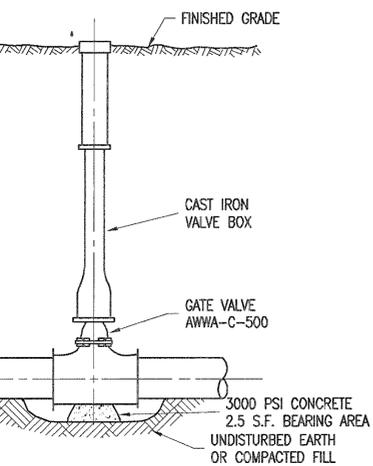
20
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



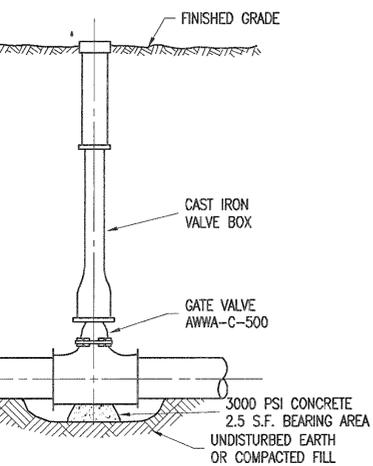
21
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



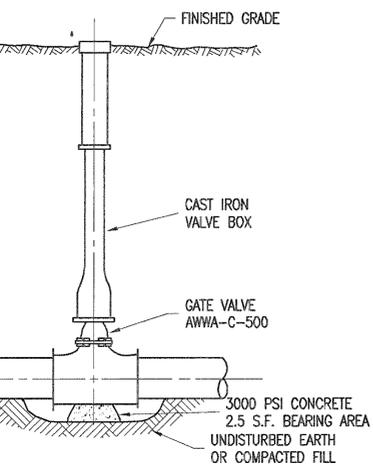
22
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



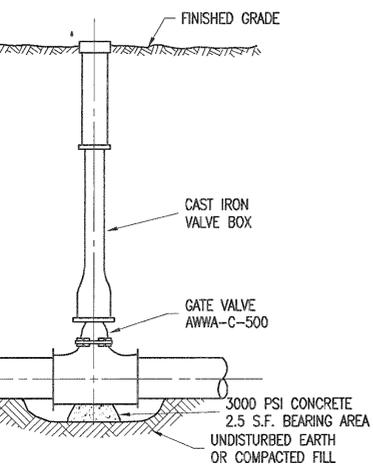
23
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



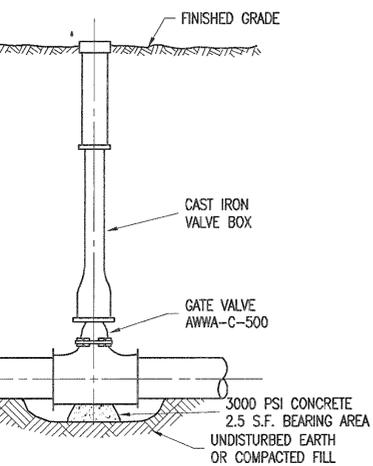
24
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



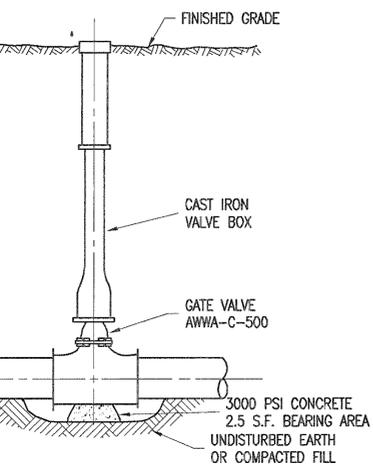
25
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



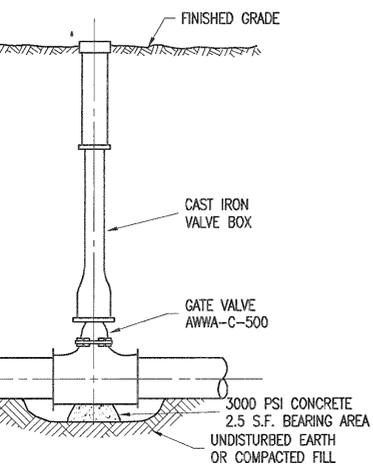
26
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



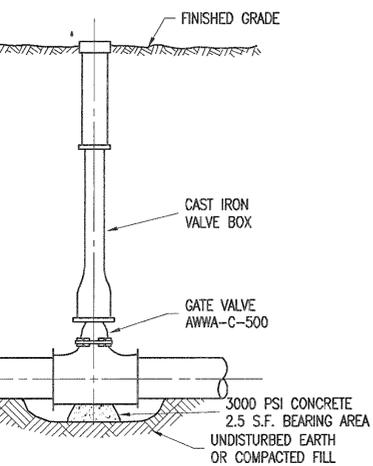
27
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



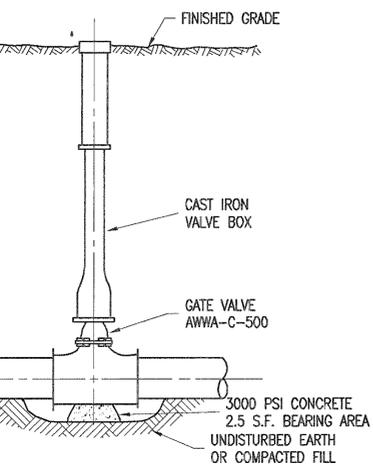
28
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



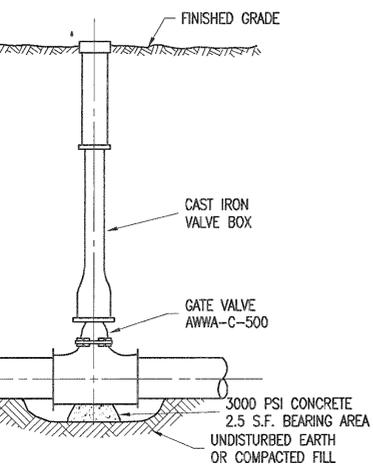
29
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



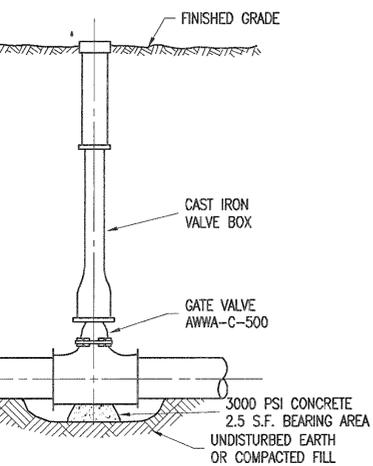
30
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



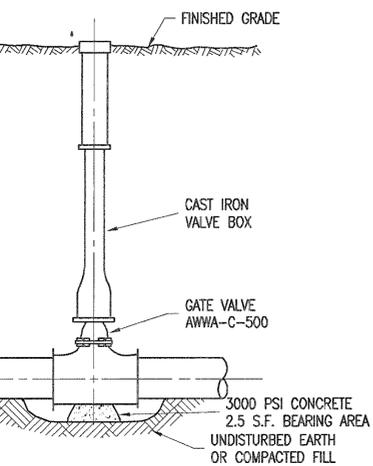
31
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



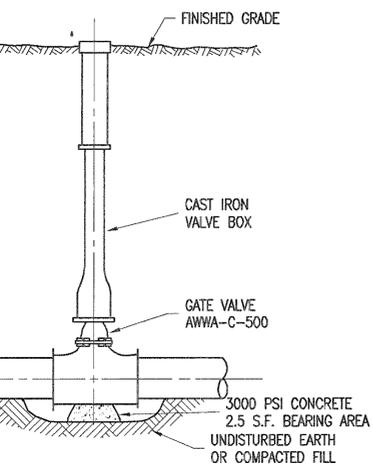
32
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



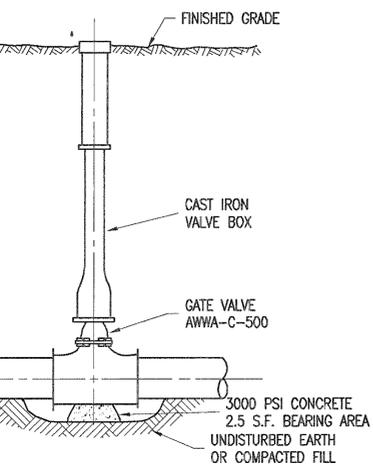
33
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



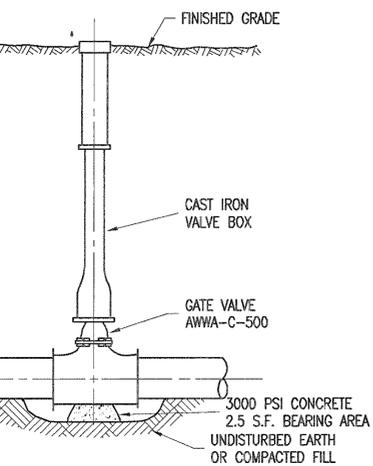
34
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



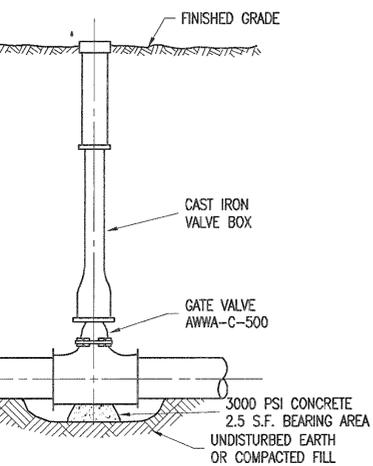
35
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



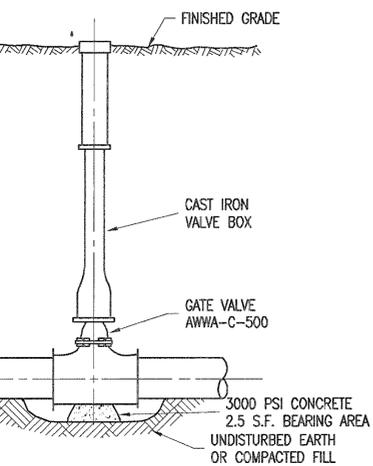
36
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



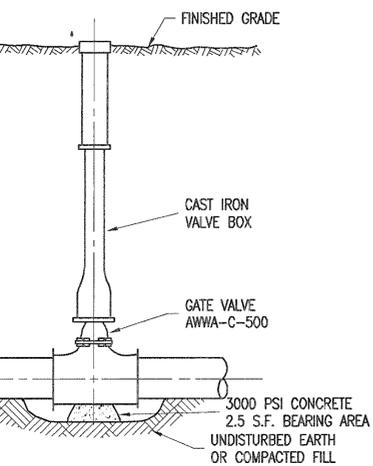
37
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



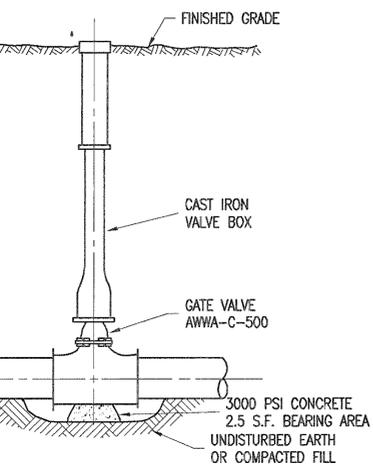
38
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



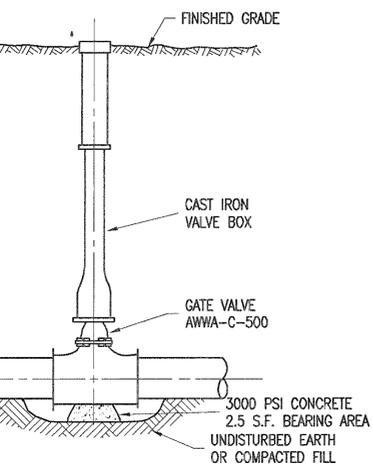
39
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



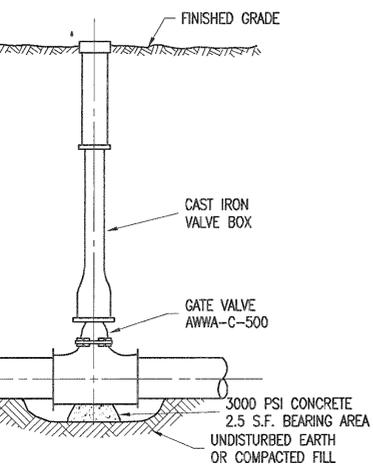
40
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



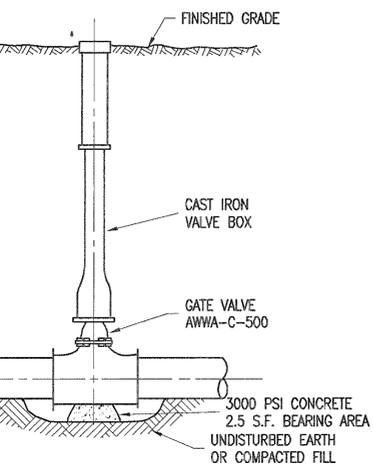
41
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



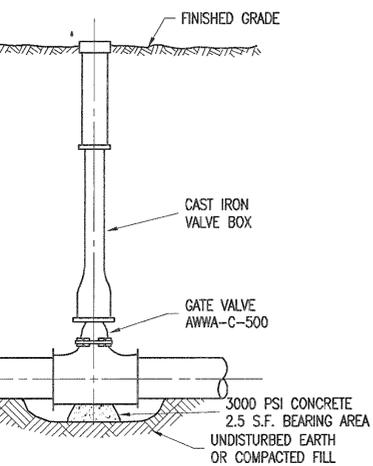
42
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



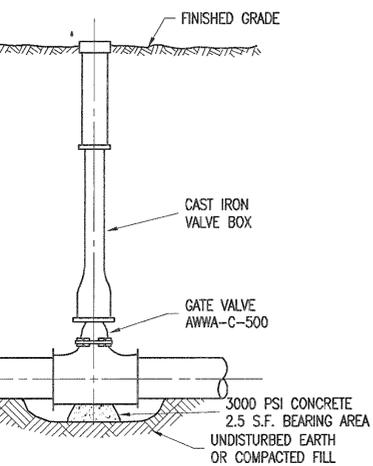
43
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



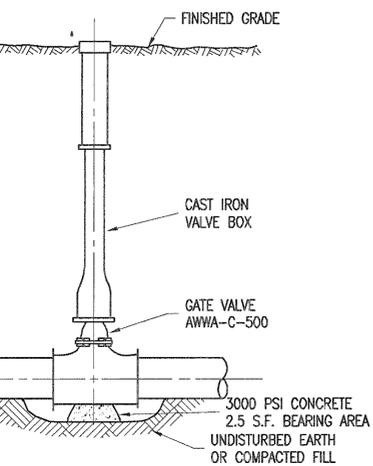
44
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



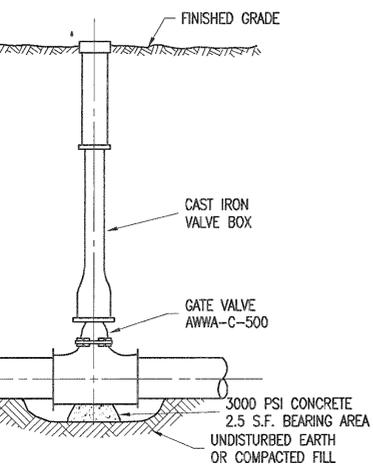
45
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



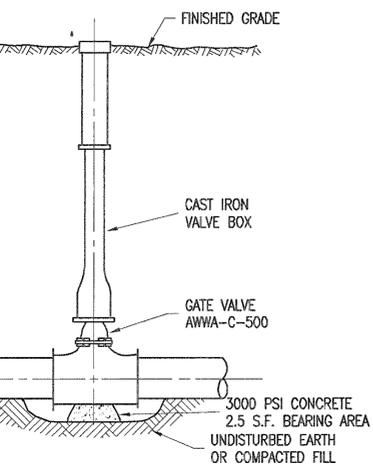
46
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



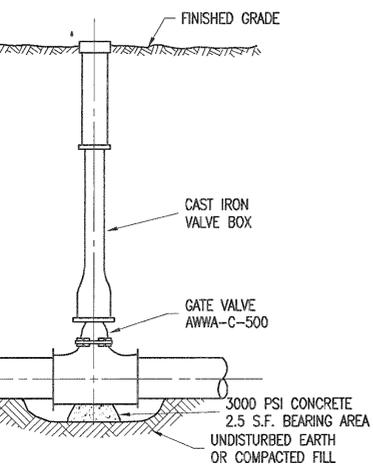
47
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



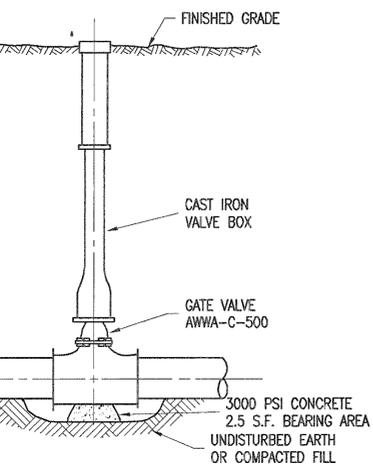
48
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



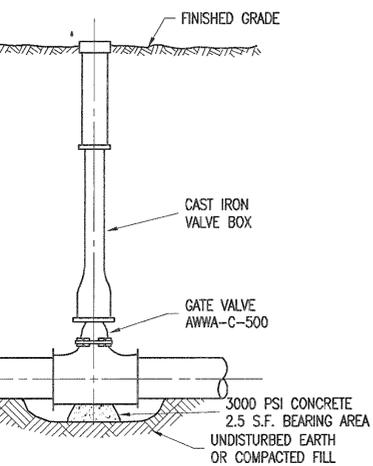
49
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



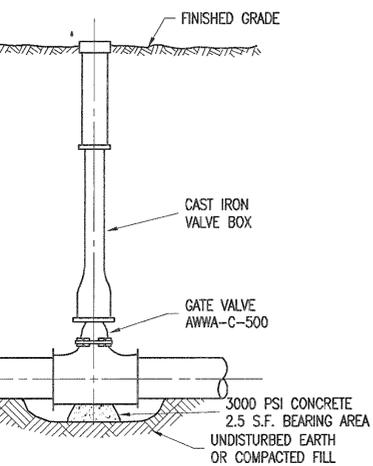
50
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



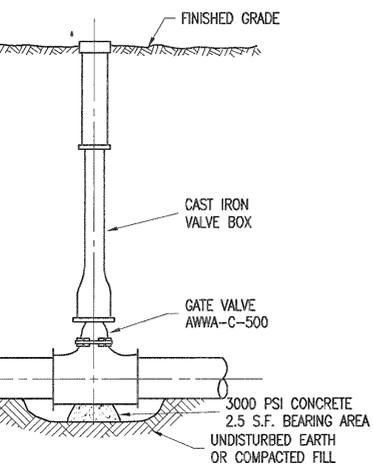
51
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



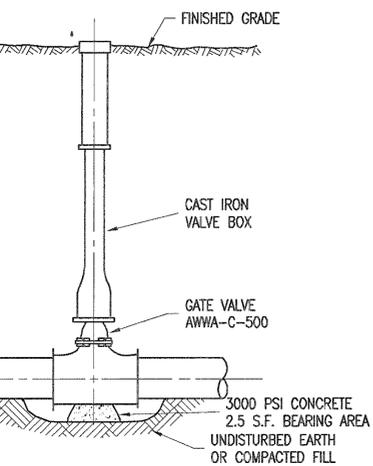
52
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



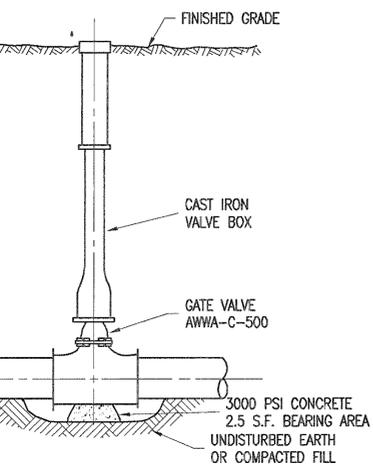
53
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



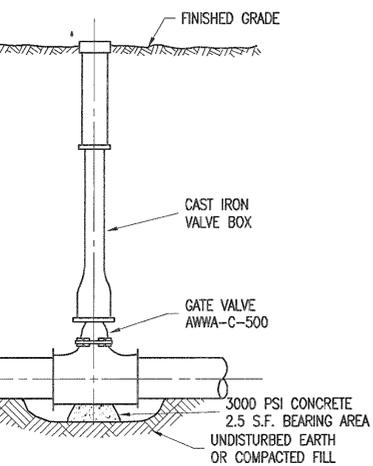
54
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



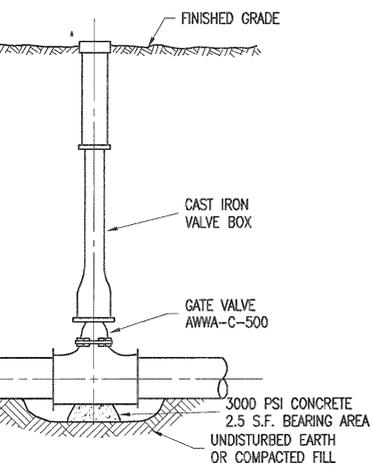
55
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



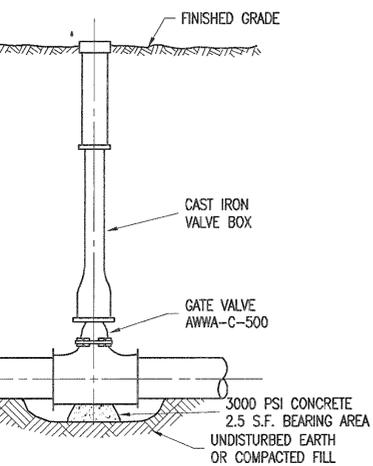
56
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



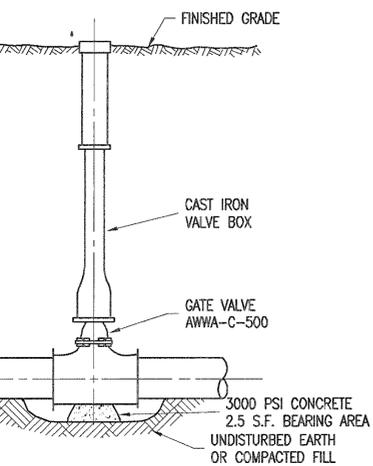
57
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



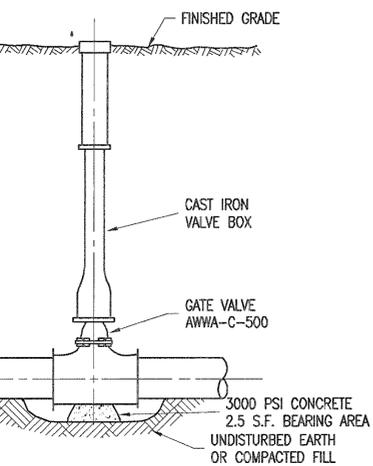
58
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



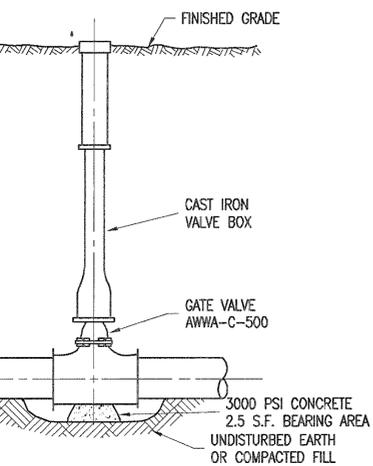
59
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



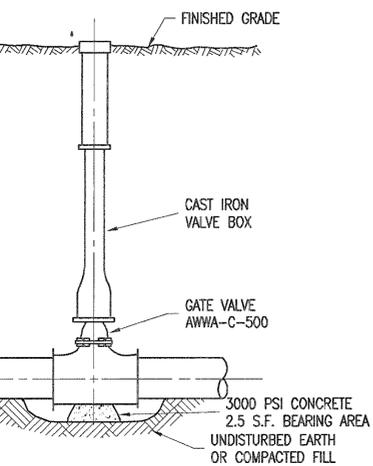
60
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



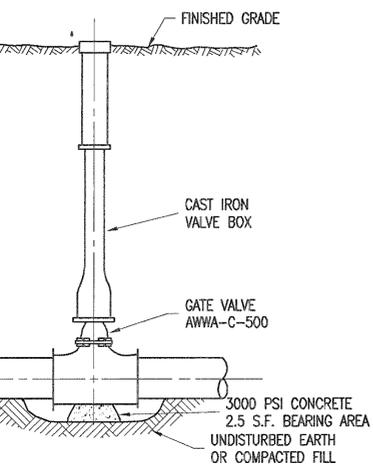
61
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



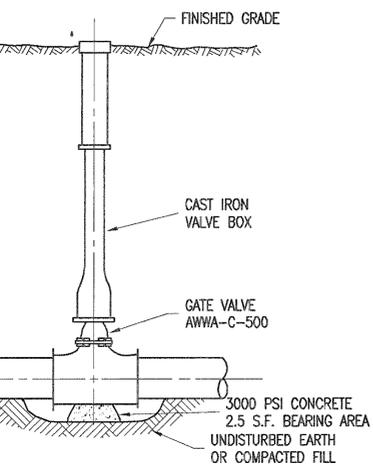
62
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



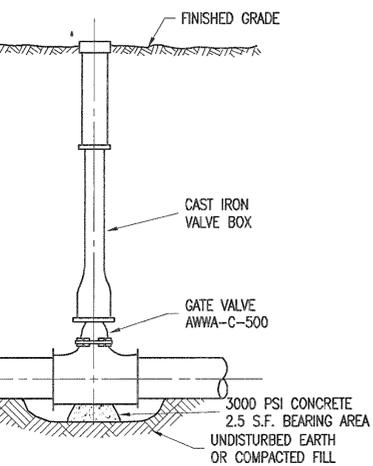
63
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



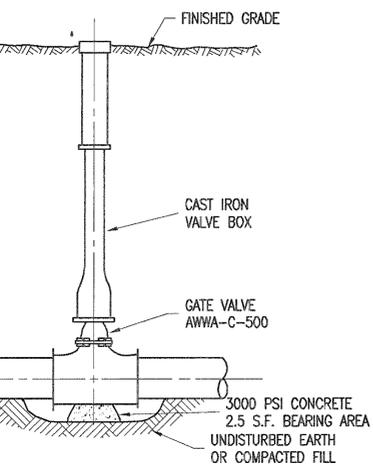
64
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



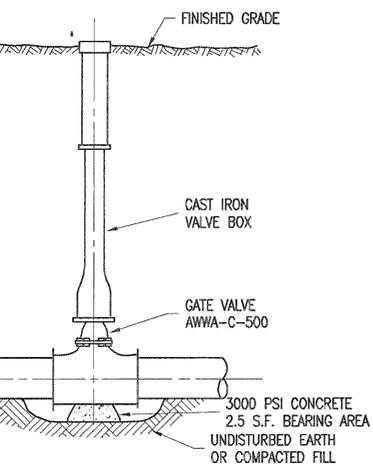
65
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



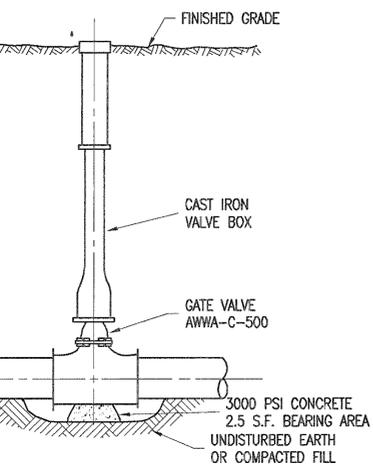
66
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



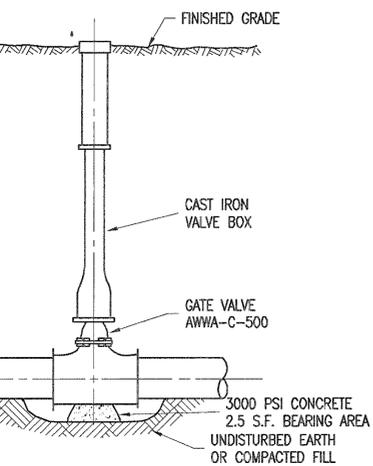
67
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



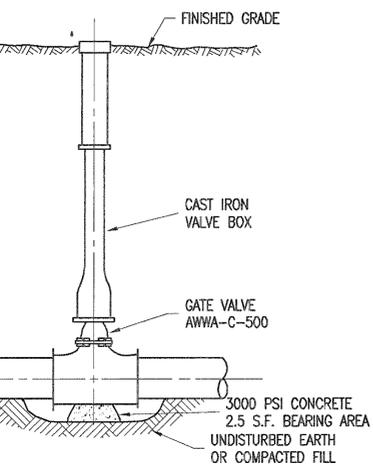
68
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



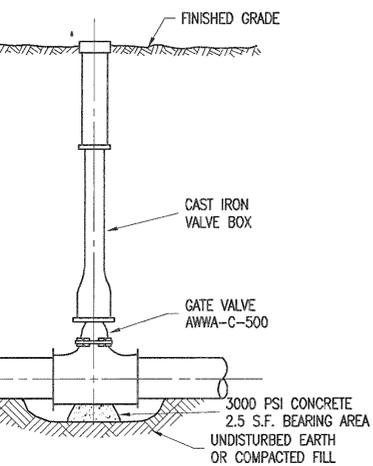
69
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



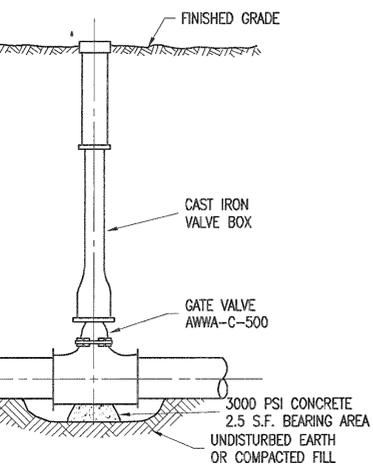
70
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



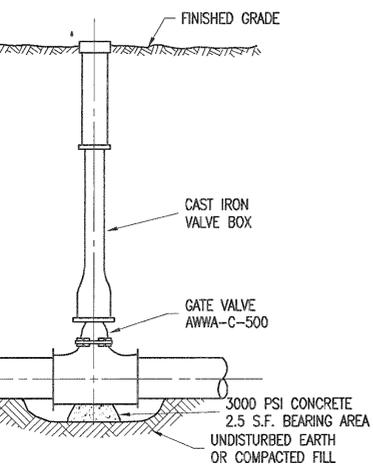
71
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



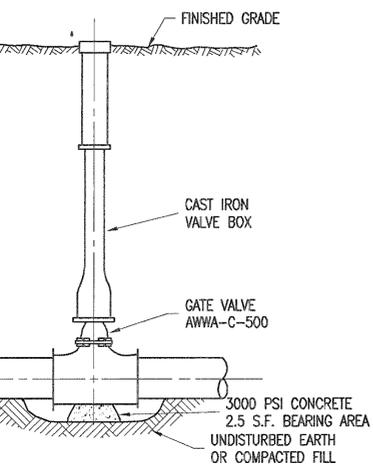
72
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



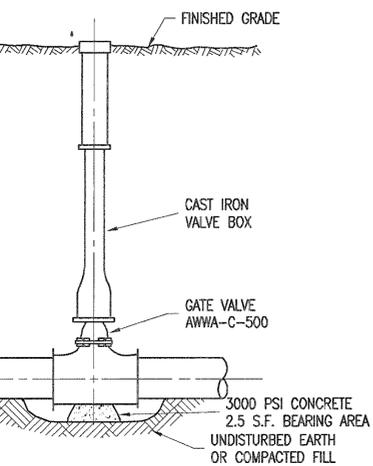
73
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



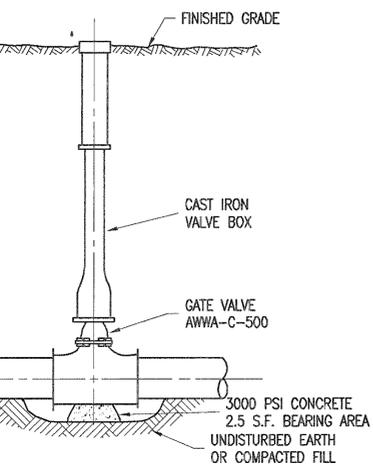
74
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



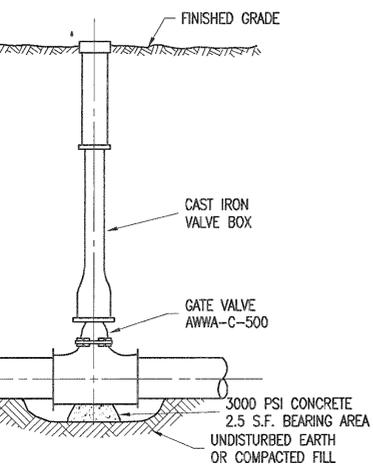
75
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



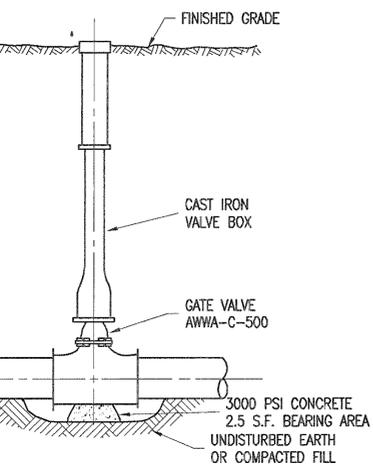
76
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



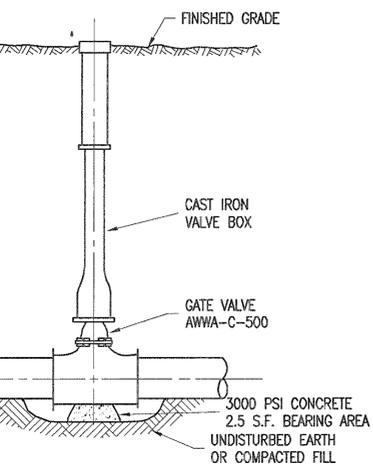
77
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE

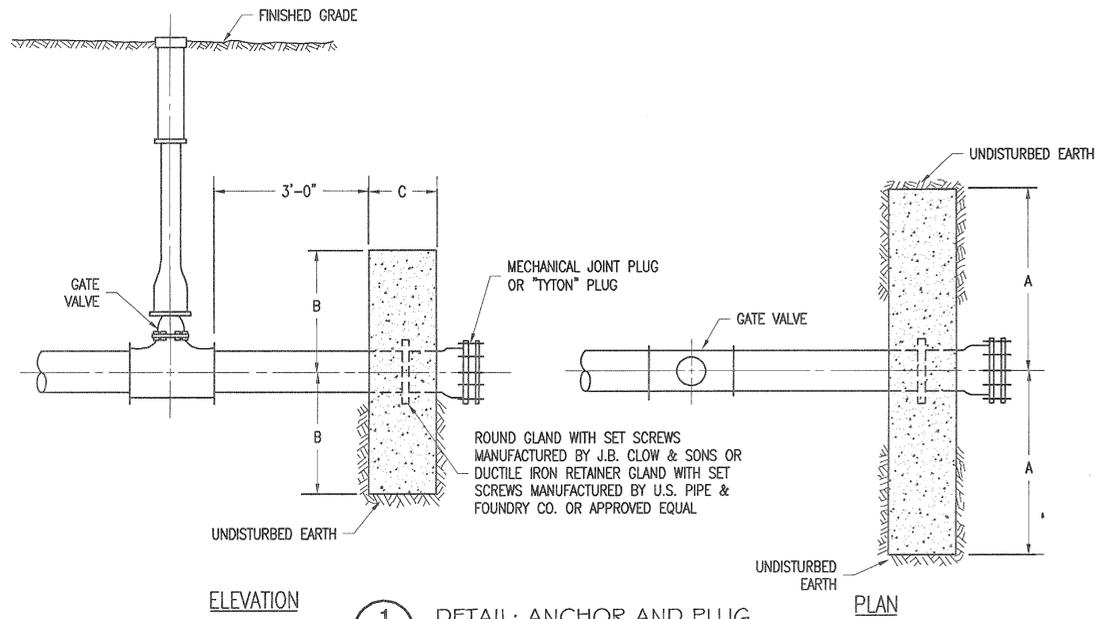


78
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE



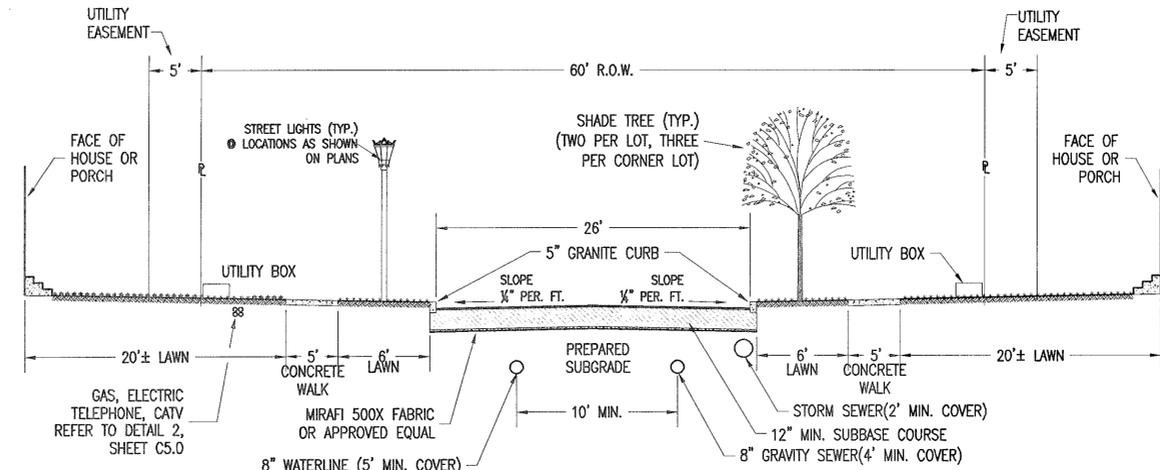
79
C3.2
DETAIL: THRUST BLOCK
NOT TO SCALE





1 **DETAIL: ANCHOR AND PLUG**
C3.3 NOT TO SCALE

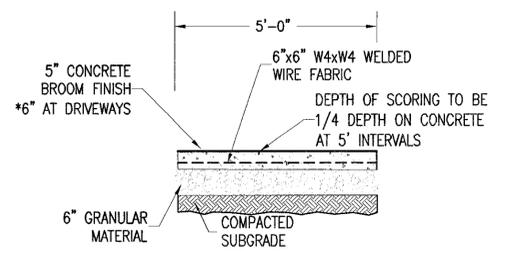
NOTE:
SEE SHEET C3.2 FOR ANCHOR DIMENSIONS.



4 **DETAIL: TYPICAL ROAD SECTION**
C3.3 NOT TO SCALE

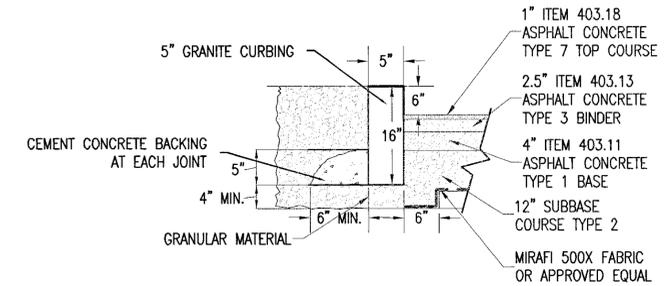
- CROSS-SECTION OF PAVEMENT:
SUBBASE COURSE: = 12" MIN. - ITEM 304.03 - SUBBASE COURSE-TYPE 2 GRANULAR MATERIAL CONSISTING ONLY OF CRUSHED LIMESTONE.
SURFACE COURSE: 7.5" = 4" ITEM 403.11 - ASPHALT CONCRETE - TYPE 1 BASE
2.5" ITEM 403.13 - ASPHALT CONCRETE - TYPE 3 BINDER.
1" ITEM 403.18 - ASPHALT CONCRETE - TYPE 7 TOP COURSE.
1" ITEM 407.0101 - TACK COAT BETWEEN BINDER & TOP COURSE.
- DEVELOPER WILL BE RESPONSIBLE FOR THE APPROPRIATE TESTING OF MATERIALS USED IN THE CONSTRUCTION OF THE ROAD, SIDEWALK, AND UTILITIES. THE VILLAGE OF SKANEATELES AND THE VILLAGE ENGINEER WILL BE NOTIFIED OF ALL TEST RESULTS.

- NOTES:**
- CONSTRUCTION PROCEDURES:**
ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST REVISION OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, INCLUDING ADDENDA.
 - STRIPPING:**
PRIOR TO THE COMMENCEMENT OF EXCAVATION OR FILLING, THE ENTIRE AREA, CURB TO CURB, SHALL BE STRIPPED TO REMOVE ALL TOPSOIL, ROOTS, ORGANIC MATTER, RUBBISH OR OTHER DELETERIOUS MATERIAL.
 - SUBGRADE:**
1. THE STREET SUBGRADE SHALL BE BROUGHT TO THE LINE, GRADE AND CROSS SECTION SHOWN ON THE APPROVED PLANS USING SUITABLE MATERIAL. THE WIDTH OF THE SUBGRADE SHALL BE BOXED OUT TO INCLUDE THE WIDTH OF THE GRANITE CURB.
2. EMBANKMENT MATERIALS SHALL BE PLACED IN HORIZONTAL LAYERS NOT EXCEEDING EIGHT (8) INCHES IN THICKNESS AFTER COMPACTION. STONES OVER SIX (6) INCHES IN GREATEST DIMENSION SHALL BE REMOVED FROM THE STREET SUBGRADE.
3. EMBANKMENT SHALL HAVE A MINIMUM DRY DENSITY OF NINETY-FIVE PERCENT (95%) OF THE MAXIMUM DRY WEIGHT DENSITY IN POUNDS PER CUBIC FOOT AS DETERMINED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS STANDARD DENSITY TEST OR THE PROCTOR COMPACTION TEST.
4. ALL SOFT SPOTS SHALL BE BOXED OUT, WITH MIRAFI 500X FABRIC OR APPROVED EQUAL, INSTALLED AS DIRECTED, BACKFILLED WITH SUITABLE MATERIAL AND RECOMPACTION.
5. AT LEAST TWENTY-FOUR HOURS PRIOR TO PLACEMENT OF THE SUBBASE COURSE, THE VILLAGE ENGINEER SHALL BE NOTIFIED AT WHICH TIME THE UPGRADE SHALL BE TESTED BY PROOF ROLLING. THE METHOD OF PROOF ROLLING SHALL BE DETERMINED BY THE ENGINEER.
6. IF IT IS DETERMINED THAT ADDITIONAL TESTING IS NECESSARY, AN APPROVED TESTING LABORATORY SHALL CONDUCT COMPACTION TESTS AT A MAXIMUM INTERVAL OF TWO HUNDRED FIFTY (250) FEET WITHIN STREET. THE RESULTS OF THE TEST SHALL BE SUBMITTED DIRECTLY TO THE VILLAGE ENGINEER FROM THE TESTING LABORATORY. THE COST OF THE TESTS SHALL BE BORNE BY THE DEVELOPER.
 - FILTER FABRIC:**
IF REQUIRED, A LAYER OF MIRAFI 500X FABRIC OR APPROVED EQUAL SHALL BE PLACED ON THE SUBGRADE FOR THE FULL WIDTH OF THE ROAD, INCLUDING CURBS. FABRIC SHALL BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
 - SUBBASE COURSE:**
1. THE SUBBASE COURSE SHALL BE PLACED IN LAYERS, AS SHOWN ON THE TYPICAL RESIDENTIAL OR INDUSTRIAL STREET CROSS SECTION INCLUDED HEREIN. THE SUBBASE COURSE SHALL BE PLACED IN LAYERS WITH A MAXIMUM THICKNESS OF SIX (6) INCHES (NINE (9) INCHES FOR INDUSTRIAL STREETS) AFTER COMPACTION.
2. THE SUBBASE COURSE SHALL HAVE A MINIMUM DRY DENSITY OF NINETY-FIVE PERCENT (95%) OF THE MAXIMUM DRY WEIGHT DENSITY IN POUNDS PER CUBIC FOOT AS DETERMINED BY THE AMERICAN ASSOCIATION OF HIGHWAY OFFICIAL STANDARD DENSITY TEST OR PROCTOR COMPACTION TEST.
3. AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE INSTALLATION, THE TOWN ENGINEER SHALL BE NOTIFIED TO WITNESS THE PROOF ROLLING OF THE SUBBASE. THE METHOD OF PROOF ROLLING SHALL BE DETERMINED BY THE ENGINEER.
4. IF IT IS DETERMINED THAT ADDITIONAL TESTING IS NECESSARY, AN APPROVED TESTING LABORATORY SHALL CONDUCT COMPACTION TESTS AT A MAXIMUM INTERVAL OF TWO HUNDRED FIFTY (250) FEET WITHIN THE STREET. THE RESULTS OF THE TEST SHALL BE SUBMITTED DIRECTLY TO THE VILLAGE ENGINEER FROM THE TESTING LABORATORY. THE COST OF THE TEST SHALL BE BORNE BY THE DEVELOPER.

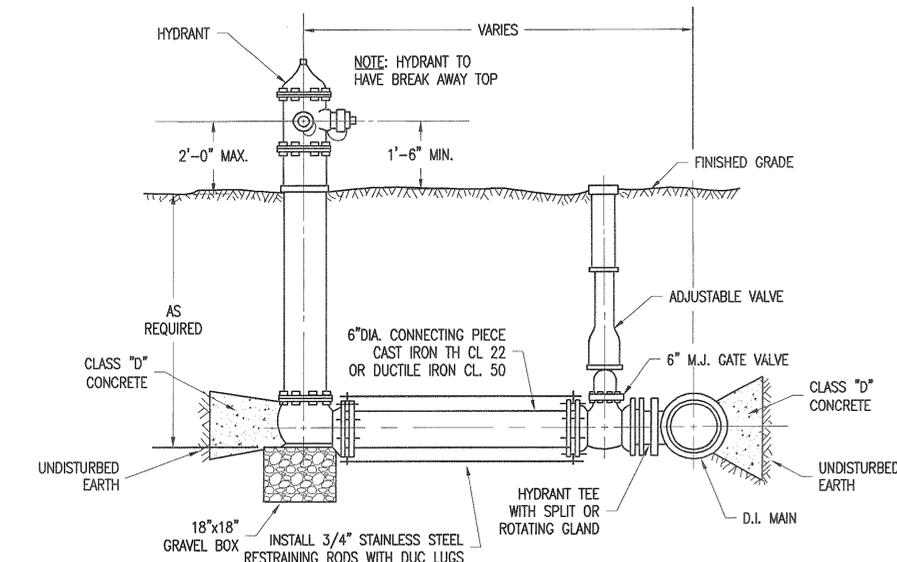


5 **DETAIL: CONCRETE SIDEWALK**
C3.3 NOT TO SCALE

- NOTES:**
- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI, SHALL BE MADE OF PORTLAND CEMENT TYPE 1/II, AND SHALL HAVE A MAXIMUM COURSE AGGREGATE SIZE OF 3/4 INCHES. CONCRETE SAND SHALL CONFORM TO ASTM-C33-SAND.
 - USE SCORING TOOL TO SCORE JOINTS 1/4 DEPTH OF THE CONCRETE AT 5' INTERVALS, WITH ROUNDED EDGES.
 - EXPANSION JOINTS SHALL BE AT 20 FOOT INTERVALS AND AT EDGES OF DRIVEWAYS. THE JOINTS SHALL EXTEND THE FULL DEPTH OF THE SLAB AND SHALL BE MADE WITH PRE-MOLDED JOINT FILLER. CONCRETE SHALL BE CURED USING A MEMBRANE SEALANT AT A RATE OF 200 SQUARE FEET PER GALLON WHICH SHALL BE APPLIED IMMEDIATELY FOLLOWING THE BROOM FINISHING AFTER ALL FREE WATER DISAPPEARED FROM THE SURFACE.



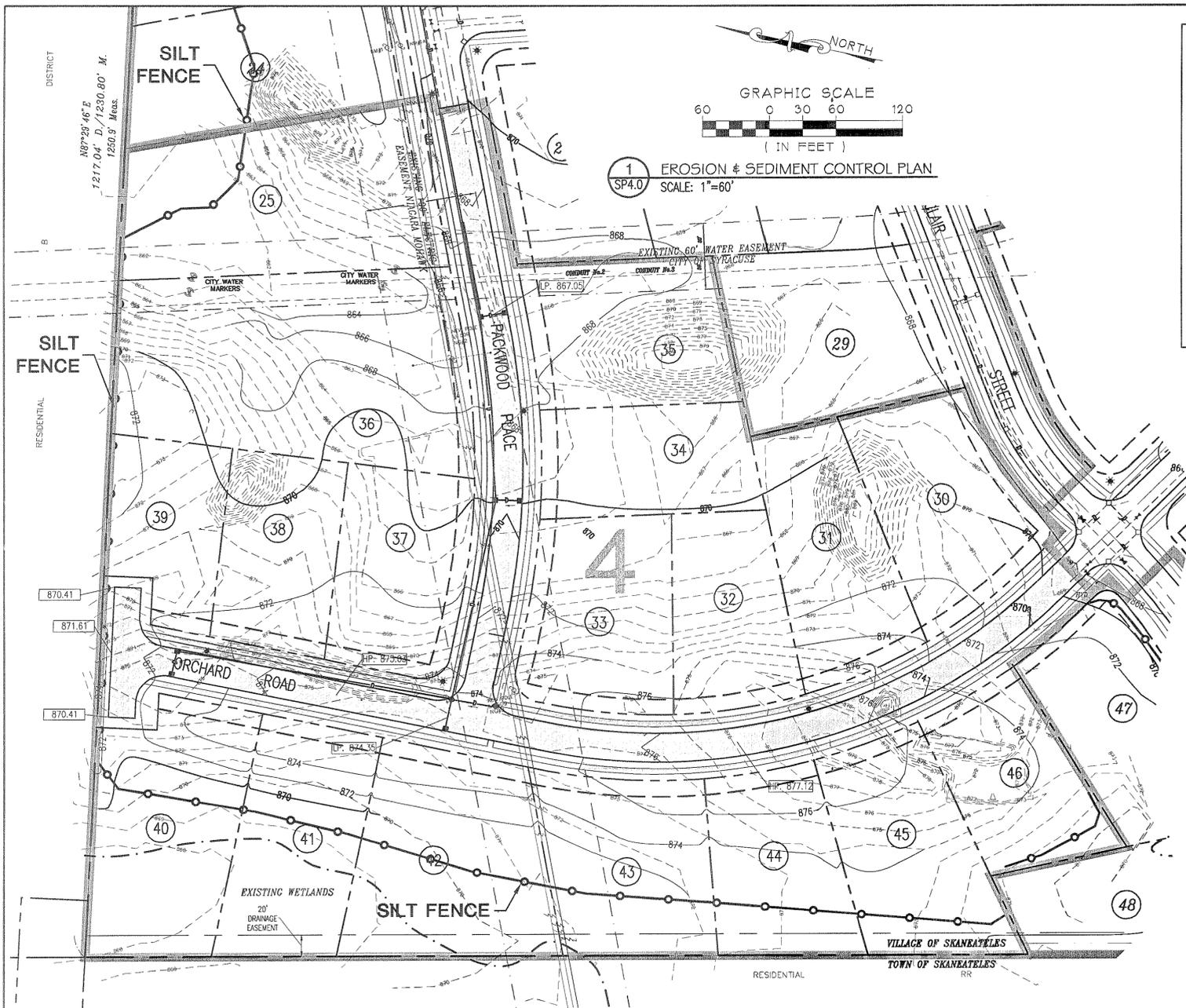
6 **DETAIL: GRANITE CURB & PAVEMENT**
C3.3 NOT TO SCALE



2 **DETAIL: TYPICAL HYDRANT**
C3.3 NOT TO SCALE

NOTE:
ALL UNDERGROUND MECHANICAL JOINT TYPE PIPE HARDWARE SHALL BE CONSTRUCTED OF CORROSION RESISTANT MATERIAL

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		<p>VILLAGE OF SKANEATELES ONONDAGA CO., NY</p> <p>PARKSIDE SUBDIVISION SECTION 4</p>	<p>SCALE: AS NOTED FILE NO.: 1079.003</p> <p>DESIGNED BY: GS DATE: 04.02.13</p> <p>DRAWN BY: RPG DWG. NO.: C3.3</p> <p>CHECKED BY: GS</p>	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> <tr> <td>1</td> <td>07.02.13</td> <td>PER VILLAGE ENGINEER</td> <td>RPG</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	REVISION	BY	1	07.02.13	PER VILLAGE ENGINEER	RPG							
NO.	DATE	REVISION	BY																
1	07.02.13	PER VILLAGE ENGINEER	RPG																



THE SEQUENCE OF CONSTRUCTION IS PROPOSED AS FOLLOWS:

1. INSTALL TEMPORARY CONSTRUCTION ENTRANCE.
2. INSTALL SWALES, SILTATION BASIN, AND EROSION CONTROL FACILITIES.
3. ROUGH GRADE SITE.
4. INSTALL UTILITIES.
5. FINAL GRADE ROADWAY SUB-BASE AND BASE.
6. TEMPORARILY SEED ALL DISTURBED AREAS.
7. CONSTRUCT BUILDINGS.
8. PROVIDE FINAL TOPSOIL AND SEED ON ROAD RIGHT-OF-WAY AND COMPLETED AREAS.
9. INSTALL FINAL COURSE ASPHALT
10. CLEAN SILTATION BASINS, INSTALL UNDERDRAIN AND OUTLET STRUCTURES TO CONVERT SILTATION BASIN TO DETENTION BASIN AS INSTRUCTED IN DETAILS ON THIS SHEET
11. REMOVE TEMPORARY EROSION CONTROL.
12. CLEAN DRAINAGE STRUCTURES AS NEEDED DURING CONSTRUCTION, AND FOLLOWING COMPLETION OF CONSTRUCTION.

NOTES:

1. THE CONTRACTOR SHALL INSPECT THE EROSION AND SEDIMENT CONTROL FEATURES BOTH WEEKLY AND AFTER EACH RAIN EVENT. CORRECTIVE ACTION AS NEEDED SHALL BE COMPLETED IMMEDIATELY.
2. ALL EROSION & SEDIMENT CONTROL FEATURES SHALL BE PROVIDED IN ACCORDANCE WITH "NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL".

LEGEND

	EXISTING	PROPOSED
CONTOUR	496	496
SPOT ELEVATION	494.75-X	494.75-X
PROPERTY LINE	---	---
WETLAND	---	---
SANITARY MANHOLE	⊙	⊙
SANITARY LINE	---S---	---S---
STORM LINE	---D---	---D---
END SECTION	---	---
CATCH BASIN	□	■
POWERLINE	---	---
GAS LINE	---	---
LOT NUMBERS		47
CONSTRUCTION ENTRANCE		▨
SILT FENCE		—○—

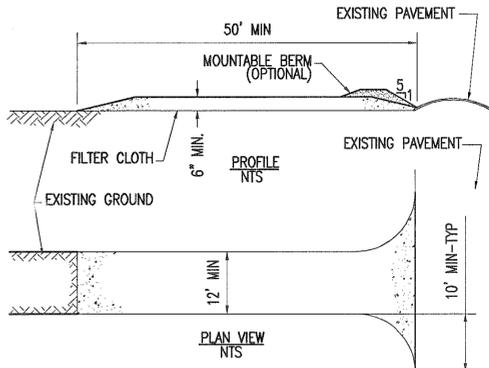
EROSION AND SEDIMENT CONTROL NOTES:

1. PRIOR TO THE START OF CONSTRUCTION AND UNTIL ALL DISTURBED AREAS ARE RE-VEGETATED, ALL EROSION AND SEDIMENT CONTROL MEASURES, AS SHOWN ON THE SITE PLAN, SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR. THE ENGINEER SHALL APPROVE PROPOSALS FOR EROSION AND SEDIMENT CONTROL PRIOR TO INSTALLATION.
 2. BARE SOILS SHALL BE SEEDED WITHIN 7 DAYS OF EXPOSURE, UNLESS CONSTRUCTION WILL BEGIN IN THE DISTURBED AREA WITHIN 14 DAYS. AREAS WHERE CONSTRUCTION IS COMPLETED, OR AREAS WHERE CONSTRUCTION IS SUSPENDED SHALL BE SEEDED IMMEDIATELY.
- SITE PREPARATION SHALL INCLUDE:**
- A. SEEDBED PREPARATION - SCARIFY IF COMPACTED, REMOVE DEBRIS AND OBSTACLES SUCH AS ROOTS OR STUMPS.
 - B. SOIL AMENDMENTS
 1. ADD LIME TO ATTAIN pH 6.5
 2. FERTILIZE WITH 850 LBS OF 5-10-10 OR EQUIVALENT PER ACRE (14 LBS/100 SQ FT).
 - C. SEED MIXTURES
 1. TEMPORARY SEEDINGS
 - a. SPRING, SUMMER, OR EARLY FALL SEED WITH RYEGRASS (ANNUAL OR PERENNIAL)
 - ⊙ 30 LBS/ACRE (0.7 LBS/1000 SQ FT).
 - b. LATE FALL OR EARLY WINTER SEED WITH CERTIFIED "AROSTOCK" WINTER RYE (CEREAL RYE)
 - ⊙ 100 LBS/ACRE (2.5 LBS/1000 SQ FT).
 2. PERMANENT SEEDINGS
 - a. GENERAL LAWN AREAS:

	LBS/ACRE	LBS/1000 SQ FT
65% KENTUCKY BLUEGRASS BLEND	85-114	2.0-2.6
20% PERENNIAL RYEGRASS	26-35	0.6-0.8
15% FINE FESCUE	19-26	0.4-0.6
	130-175	0.4-0.6
 - OR
 - 100% TALL FESCUE, TURF-TYPE, FINE LEAF

	LBS/ACRE	LBS/1000 SQ FT
	150-200	3.4-4.6
 - b. ROUGH OR OCCASIONALLY MOWED AREAS:

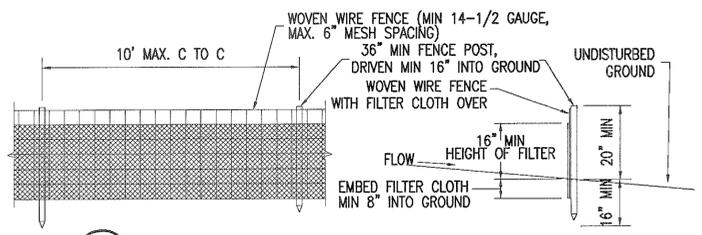
	LBS/ACRE	LBS/1000 SQ FT
EMPIRE BIRDSFOOT	8	0.20
TREFOIL OR COMMON		
WHITE CLOVER PLUS*	8	0.20
TALL FESCUE PLUS	20	0.45
REDTOP	2	0.05
RYEGRASS (PERENNIAL)	5	0.10
- *ADD INOCULANT IMMEDIATELY PRIOR TO SEEDING
- D. METHOD OF SEEDING
BROADCASTING, DRILLING WITH CULTIPACK TYPE SEEDER OR HYDROSEEDING ARE ACCEPTABLE.
 - E. MULCHING
HAY OR STRAW - 2 TONS PER ACRE (100 BALES MIN.) FOR OTHER MULCH MATERIAL APPLICATION RATES REFER TO TABLE 3.7 IN THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE STREET PAVEMENT AREAS CLEAN OF DIRT AND DEBRIS ON A DAILY BASIS.
 5. ACCESS TO DISTURBED AREAS SHALL BE LIMITED TO THE AREAS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE AT EACH ACCESS POINT.
 6. CONTRACTOR SHALL PROVIDE DUST CONTROL ON ALL TRAVELED AREAS IN ACCORDANCE WITH SECTION 7A OF THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
 7. CONTRACTOR SHALL READ STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND BE FAMILIAR WITH ALL REQUIREMENTS FOR SITE PROTECTION.
 8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE NEEDED AS DETERMINED BY THE REQUIRED WEEKLY INSPECTIONS TO FURTHER CONTROL EROSION AND MINIMIZE SEDIMENT.
 9. ALL SPECIFICATIONS AND DETAILS FOR EROSION AND SEDIMENT CONTROL HAVE BEEN DESIGNED BY DUNN AND SGROMO ENGINEERS IN ACCORDANCE WITH THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".



4 DETAIL: STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

NOTES:

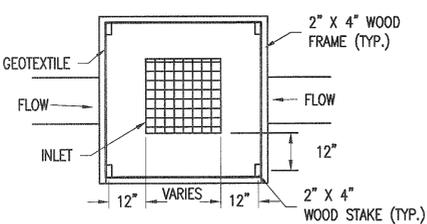
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS.
TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



3 DETAIL: SILT FENCE
NOT TO SCALE

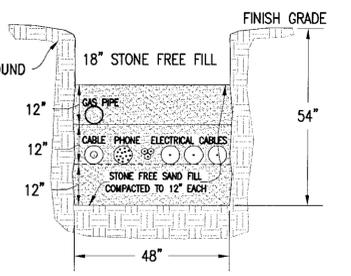
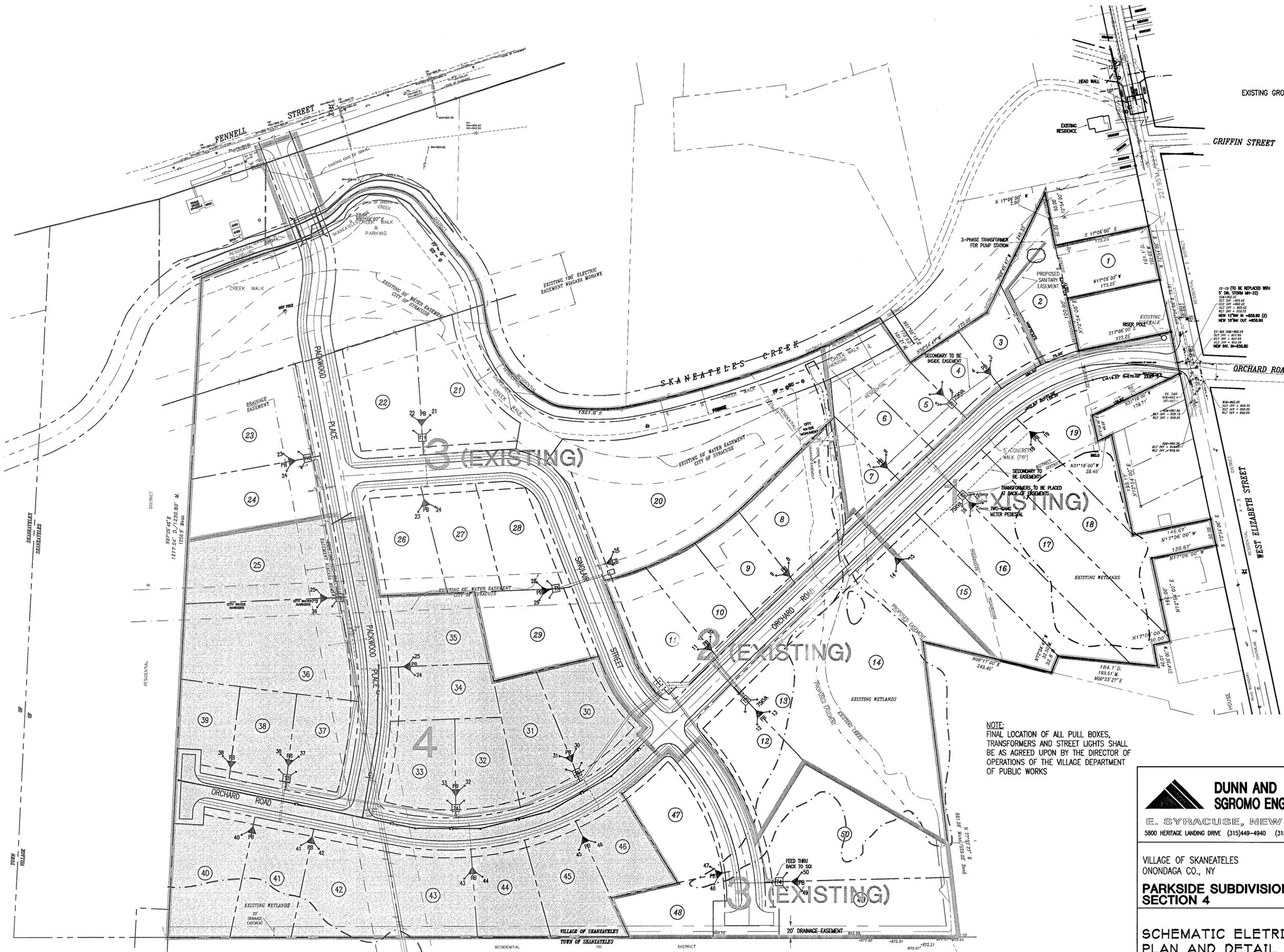
NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. THE FOLLOWING MATERIALS SHALL BE USED FOR CONSTRUCTION OF THE SILT FENCE:
POSTS: STEEL EITHER "I" OR "U" TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE 14-1/2 GA., 6" MAX. MESH OPENING
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL



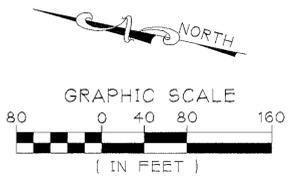
2 DETAIL: SILT FENCE OVER CATCHBASIN
NOT TO SCALE

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EROSION & SEDIMENT CONTROL PLAN & DETAILS		C4.0		



2 TYPICAL JOINT TRENCH
C5.0 NOT TO SCALE

NOTE:
THIS IS A COORDINATION PLAN ONLY,
FINAL DESIGN OF ALL UTILITIES SHOWN
SHALL BE THE RESPONSIBILITY OF THE
RESPECTIVE UTILITY COMPANY



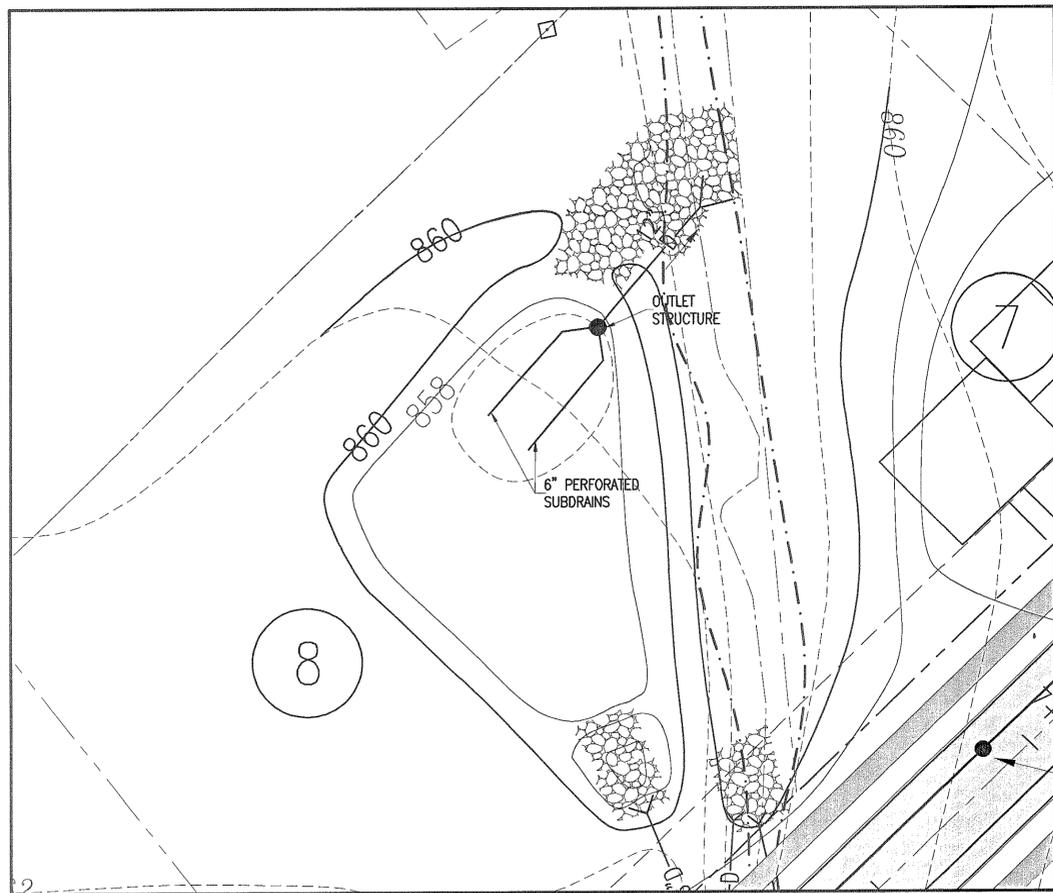
1 ELECTRICAL PLAN
C5.0 SCALE: 1"=80'

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE	---	---
WETLAND	---	---
POWERLINE	---	---
LOT NUMBERS		(47)

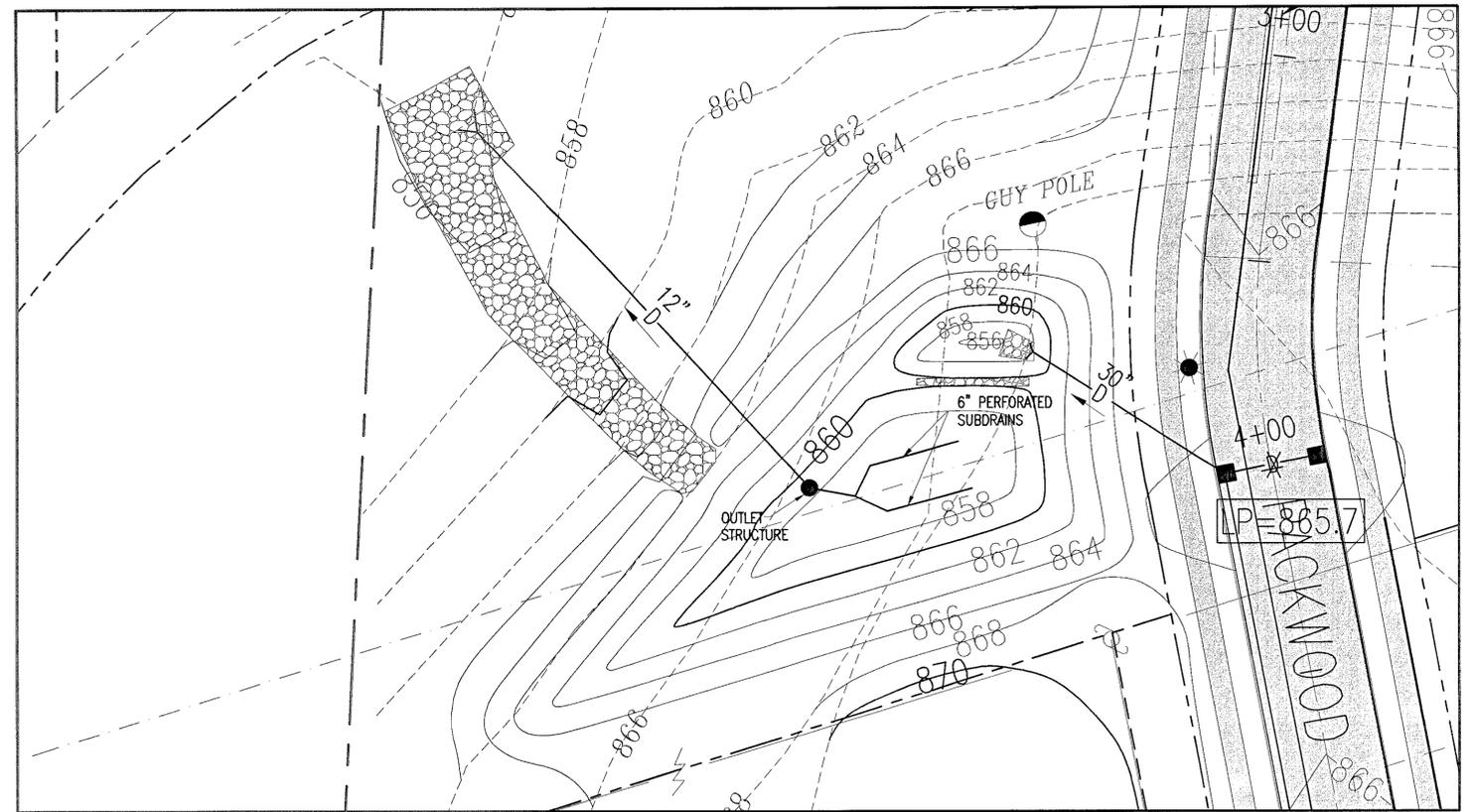
NOTE:
FINAL LOCATION OF ALL PULL BOXES,
TRANSFORMERS AND STREET LIGHTS SHALL
BE AS AGREED UPON BY THE DIRECTOR OF
OPERATIONS OF THE VILLAGE DEPARTMENT
OF PUBLIC WORKS

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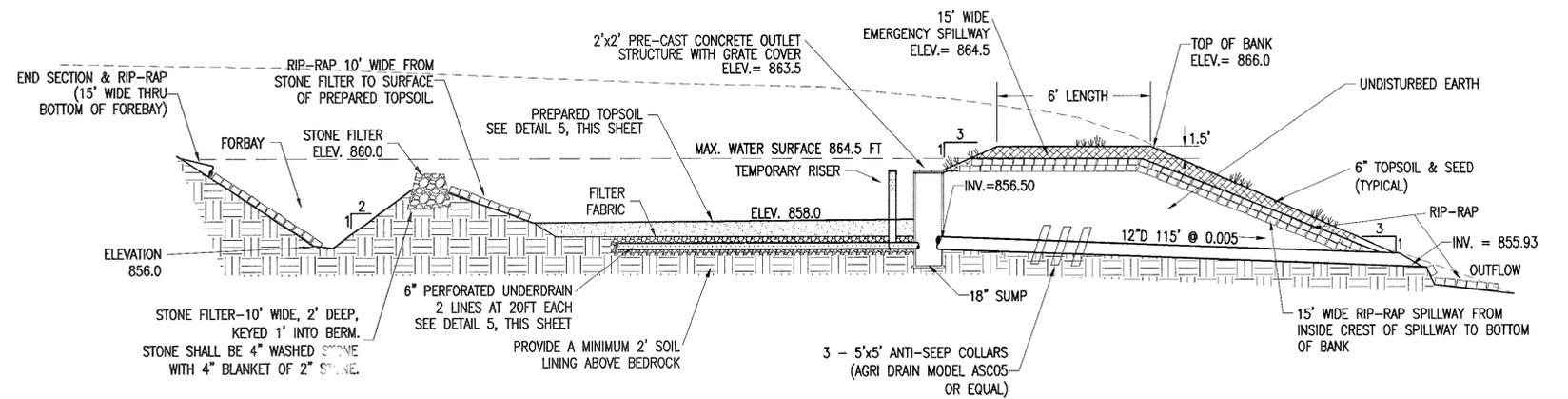
1 SECTION 1 & 2 WATER QUALITY BASIN
 C6.0 SCALE: 1"=20'

REFER TO DETAIL 2 THIS SHEET FOR FINAL ELEVATIONS AND MATERIALS.

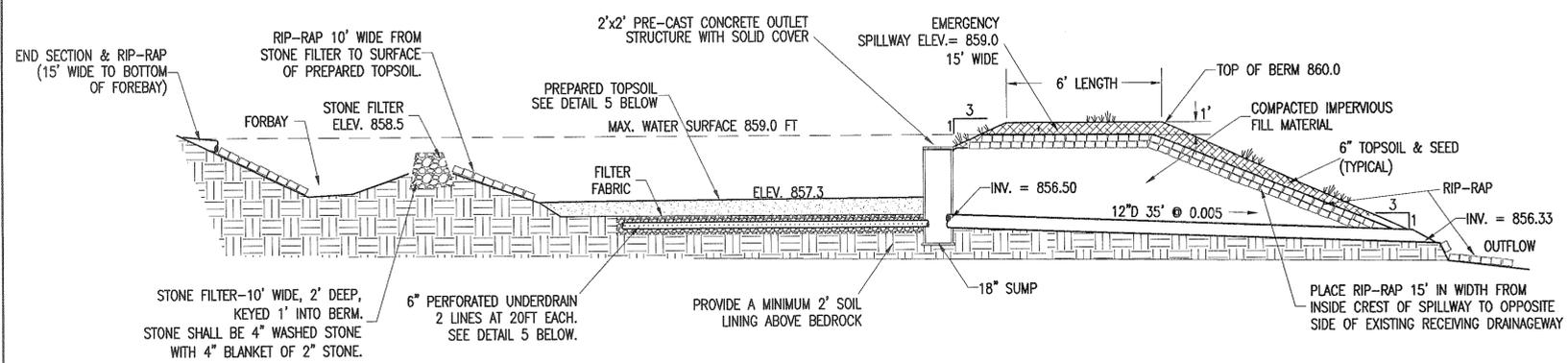


3 SECTION 3 WATER QUALITY BASIN
 C6.0 SCALE: 1"=20'

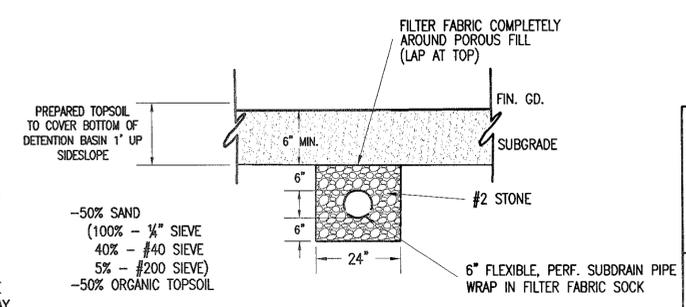
REFER TO DETAIL 4 THIS SHEET FOR FINAL ELEVATIONS AND MATERIALS.



4 SECT. 3 WATER QUALITY BASIN CROSS SECTION
 C6.0 NOT TO SCALE



2 SECT. 1 & 2 WATER QUALITY BASIN CROSS SECTION
 C6.0 NOT TO SCALE



5 6" PERFORATED SUBDRAIN
 C6.0 NOT TO SCALE

NOTE: PROVIDE FILTER FABRIC LINING BELOW PREPARED TOPSOIL

NOT FOR CONSTRUCTION
 THIS PLAN HAS NOT RECEIVED FINAL APPROVAL OF ALL REVIEWING AGENCIES. THIS PLAN IS SUBJECT TO REVISION UNTIL ALL APPROVALS ARE OBTAINED AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.

DUNN & SGROMO ENGINEERS
 E. SYRACUSE, NEW YORK
 5800 HERITAGE LANDING DRIVE (315)449-4940 (315)449-4941 FAX

STATE OF NEW YORK
 GREGORY S. PERAZICH
 LICENSED PROFESSIONAL ENGINEER
 073220

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NO.	DATE	REVISION	BY
1	07.02.13	PER VILLAGE ENGINEER	RPG

VILLAGE OF SKANEATELES
 ONONDAGA COUNTY, NEW YORK
PARKSIDE SUBDIVISION SECTION 4

EXISTING WATER QUALITY BASINS

SCALE: AS NOTED FILE NO.: 1079.003
 DESIGNED BY: GS DATE: 05.22.13
 DRAWN BY: WRF DWG. NO.:
 CHECKED BY: RM,GS **C6.0**

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