

Housing for Veterans of Canandaigua - Site Utility Plans

5251 PARKSIDE DRIVE
CANANDAIGUA, NEW YORK 14424

FINGERLAKES COMMUNITY DEVELOPMENT CORP.
41 LEWIS ST.
GENEVA, NEW YORK 14456

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SITE ENGINEERING AND ARCHITECTURAL:

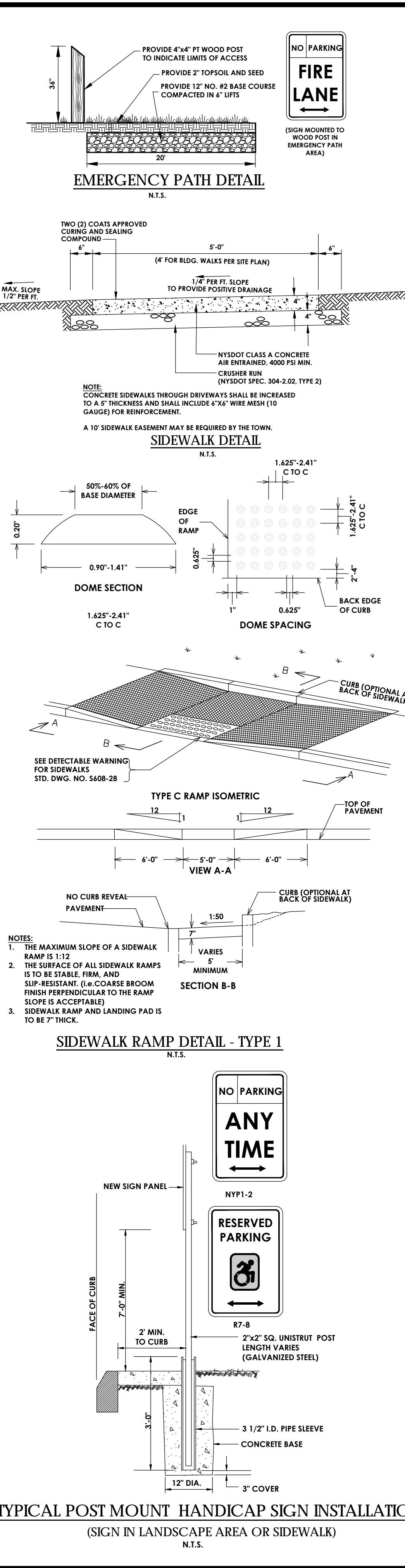
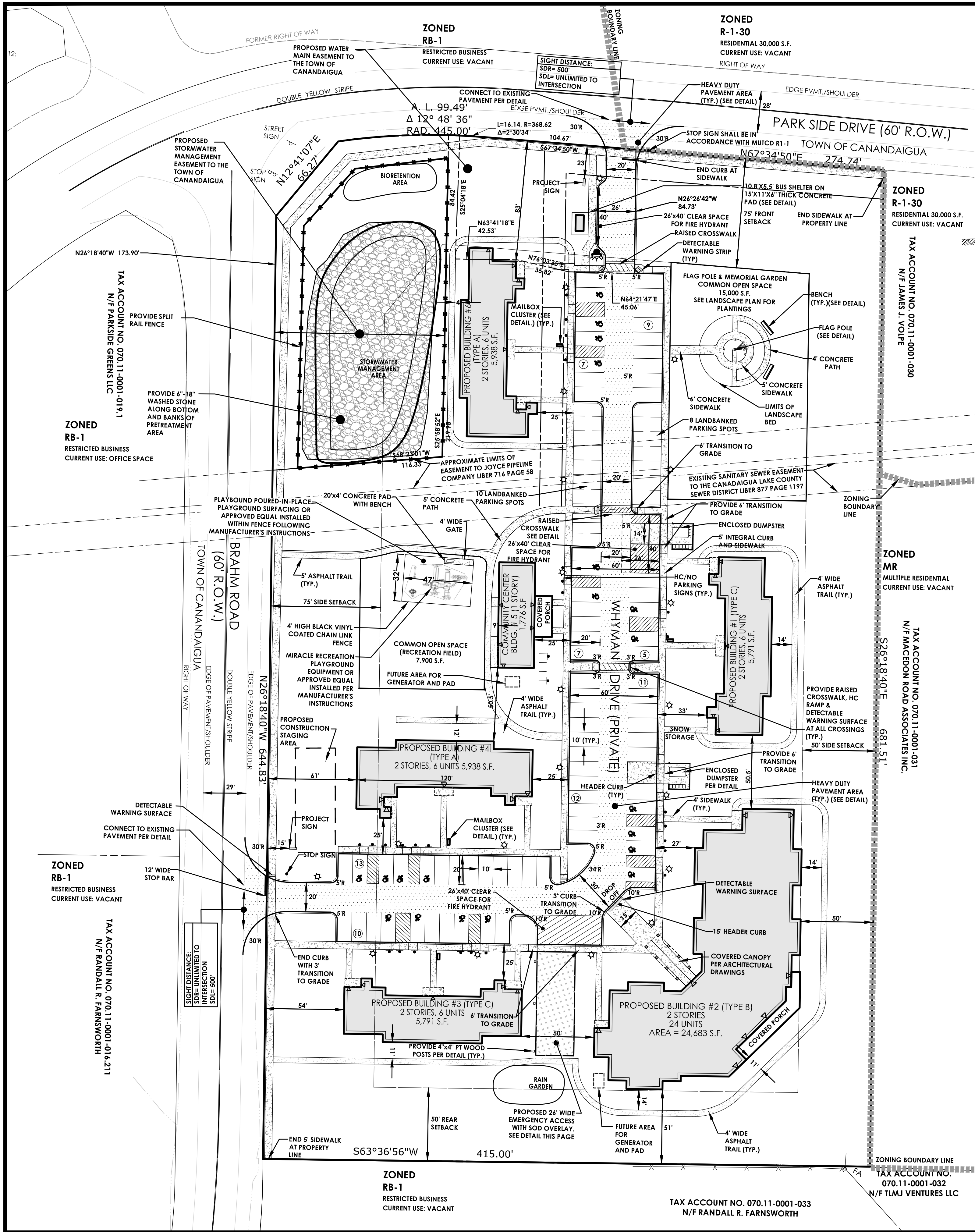
PA PASSERO ASSOCIATES
engineering architecture
242 West Main Street, Suite 100 (585) 325-1000
Rochester, New York 14614 Fax: (585) 325-1691

STRUCTURAL:

Jensen BRV
ENGINEERING, PLLC
Structural Engineering Consultants
1653 East Main Street
Rochester, New York 14609

MEP:

EBS ENGINEERING, PC
ENGINEERED BUILDING SYSTEMS
4050 RIDGE LEA ROAD, SUITE C
BUFFALO, NEW YORK 14228
MAIN: (716) 836-9600



SITE DATA:

- TAX ACCT. # 070.011-01-029.0
- PARCEL ADDRESS: 5251 PARKSIDE DRIVE
- PARCEL AREA = 286,842 S.F. OR 6.6 AC.
- CURRENT ZONING: RESTRICTED BUSINESS DISTRICT (RB-1) (RE-ZONE REQUIRED FROM RB-1 TO MR MULTIPLE RESIDENCE DISTRICT)
- BULK REGULATIONS:

MINIMUM REQUIREMENTS	REQUIRED	PROVIDED
PRINCIPAL BLDG. SETBACKS:		
FRONT	75'	54'
REAR	50'	>50'
SIDE	50'	>50'
ACCESSORY BLDG. SETBACKS:		
REAR	50'	>50'
SIDE	30'	>30'
BLDG. TO PAVEMENT	25'	25' MIN.
DISTANCE BETWEEN BLDGS.	50'	50' MIN.
PARKING SPACES	2 PER UNIT 96 SPACES INCL. 4	2 PER UNIT 96 SPACES INCL. 20 HC SPACES AND 24 LANDBANKED SPACES
HC SPACES		
MINIMUM PARCEL SIZE	3 ACRES	6.6 ACRES
MINIMUM LOT WIDTH	225'	415'
FLOOR AREAS		
1 BEDROOM UNIT	550 SF	631 SF
2 BEDROOM UNIT	700 SF	811 SF
3 BEDROOM UNIT	800 SF	942 SF
COMMON OPEN SPACE	19,200 SF	24,000 SF
MAXIMUM REQUIREMENTS	MAX. ALLOWED	PROVIDED
BUILDING COVERAGE	20%	30.616/286,842 SF = 10.67%
LOT COVERAGE	70%	27.5%
BUILDING HEIGHT	35'	35' MAX.
DENSITY	8 UNITS/ACRE	(16' FOR COM. CENTER) 8 UNITS/ACRE = 52.8 UNITS
MAX # 3 BEDROOM UNITS	40% OF TOTAL = 19 UNITS	6.25% = 3 UNITS
OPEN SPACE	400 S.F. PER UNIT = 19,200 S.F.	23,300 S.F.

6. UNIT BREAKDOWN:

EXISTING CONDITIONS	PROPOSED CONDITIONS
MEADOW/BRUSH	6.6 ACRES
WOODS	0 ACRES
LAWN	0 ACRES
BUILDINGS/PAVEMENT	0 ACRES
LANDSCAPING	0 ACRES

7. THE PROJECT IS LOCATED WITHIN THE ROUTE 332 DRAINAGE DISTRICT

9. AREA VARIANCES GRANTED BY TOWN OF CANANDAIGUA CPN NO. 084-12 ON 10/16/2012

- FRONT SETBACK OF 54' FOR BUILDING 3, (21' VARIANCE TO FRONT SETBACK)
- FRONT SETBACK OF 61' FOR BUILDING 4 (14' VARIANCE TO FRONT SETBACK)
- PROVIDE 25 SQUARE FEET OF STORAGE AREA FOR EACH DWELLING IN BUILDING 2 WHEN 40 SQUARE FEET ARE REQUIRED.
- CONSTRUCT LAUNDRY FACILITIES IN THE COMMUNITY CENTER FOR USE OF OCCUPANTS OF BUILDINGS 1, 3, 4 AND 6.
- TWO POINTS OF ACCESS TO A PUBLIC STREET INSTEAD OF ONE
- ALL FIRE LINES WILL REMAIN OPEN AND UNOBSERVED AT ALL TIMES DURING CONSTRUCTION.

REFERENCE:

- ABSTRACT OF TITLE PREPARED BY MONROE TITLE INSURANCE CORPORATION ORDER NO. 228851, ABSTRACT NO. 345/Berry Patch Inc. DATED APRIL 15, 2004.
- MAP PREPARED BY VENEZIA & ASSOCIATES ENTITLED "MAP OF A SURVEY PREPARED FOR BERRY PATCH, INC." FILED IN THE ONTARIO COUNTY CLERKS OFFICE, SURVEY MAP # 28327.
- MAP PREPARED BY BRITTE ASSOCIATES ENTITLED "A MAP OF A SURVEY FOR JAMES J. VOLPE, TOWN LOT 79, TOWN OF CANANDAIGUA" JOB NO. 87016-8 DATED 08-25-98.
- MAP PREPARED BY VENEZIA & ASSOCIATES ENTITLED "MAP OF A SURVEY PREPARED FOR JAMES H. BELL SHOWING LAND AT 2484 COUNTY ROAD 28" FILED IN THE ONTARIO COUNTY CLERKS OFFICE, SURVEY MAP # 27785.
- MAP PREPARED BY MRB GROUP ENTITLED "PLAN OF LAND OWNED BY THE BERRY PATCH INC. TO BE CONVEYED TO THE TOWN OF CANANDAIGUA" FILED IN THE ONTARIO COUNTY CLERKS OFFICE, SURVEY MAP # 26197.
- MAP PREPARED BY MRB GROUP ENTITLED "PLAN OF LAND TO BE CONVEYED TO THE TOWN OF CANANDAIGUA, BEING A PART OF TOWN LOTS 77 & 79" FILED IN THE ONTARIO COUNTY CLERKS OFFICE, SURVEY MAP # 26199.
- MAP PREPARED BY FREELAND-PARRINELLO, LAND SURVEYORS ENTITLED "PLAN OF LAND OF THE CANANDAIGUA LODGE NO. 1844 B.P.O. ELKS INC." FILED IN THE ONTARIO COUNTY CLERKS OFFICE, SURVEY MAP # 26983.
- MAP PREPARED BY JEFFREY L. DISPENZA, L.S. ENTITLED "PLAN OF LANDS OWNED BY AND TO BE CONVEYED BY J. BOYD PATTERSON" FILED IN THE ONTARIO COUNTY CLERKS OFFICE, SURVEY MAP # 17252.
- MAP PREPARED BY GARY L. DUTTON, LAND SURVEYOR ENTITLED "MAP OF A SURVEY OF LANDS OF JAMES J. VOLPE, BEING PART OF LOTS 79 & 81, TOWN OF CANANDAIGUA" FILED IN THE ONTARIO COUNTY CLERKS OFFICE, SURVEY MAP # 14829.
- LIBER 1126 OF DEEDS PAGE 231.

CERTIFICATION:

WE, PASSERO ASSOCIATES, CERTIFY THAT THIS MAP WAS PREPARED ON JULY 17, 2012 USING PORTIONS OF THE REFERENCE MATERIAL LISTED HEREON AND FROM NOTES OF A BOUNDARY AND TOPOGRAPHIC SURVEY COMPLETED ON JUNE 27, 2012. THIS PARCEL IS SUBJECT TO ANY EASEMENTS OR ENCUMBRANCES OF RECORD. NO CERTIFICATION IS EXTENDED TO RECORD INFORMATION NOT REFERENCED. THIS CERTIFICATION IS MADE TO:

EDWARD J. FREEMAN N.Y.S.P.L.S. NO. 049771

APPROVED BY: PLANNING BOARD CHAIRPERSON DATE: _____

APPROVED BY: TOWN ENGINEER DATE: _____

APPROVED BY: TOWN OF CANANDAIGUA HIGHWAY SUPERINTENDENT DATE: _____

APPROVED BY: CANANDAIGUA-FARMINGTON WATER/SEWER DISTRICT SUPERINTENDENT DATE: _____

PA PASSERO ASSOCIATES
Engineering Architecture
www.passero.com

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LOCATION SKETCH

Town of Canandaigua

Client: **FINGER LAKES COMMUNITY DEVELOPMENT**
41 Lewis Street
Geneva, NY 14456
Andrew Tyman (315)789-8010

Passero Associates
100 Liberty Pole Way Rochester, New York 14604 (585) 325-1000 Fax: (585) 325-1691
Principal-in-Charge John F. Caruso, P.E.
Project Manager Jess D. Sudol, P.E.
Designed by Carole Harvey

Revisions

No.	Date	By	Description
1	2/15/17	JS	PER TOWN PRC COMMENTS

PRELIMINARY AND FINAL SITE PLAN

VETERANS HOUSING
5251 PARKSIDE DRIVE

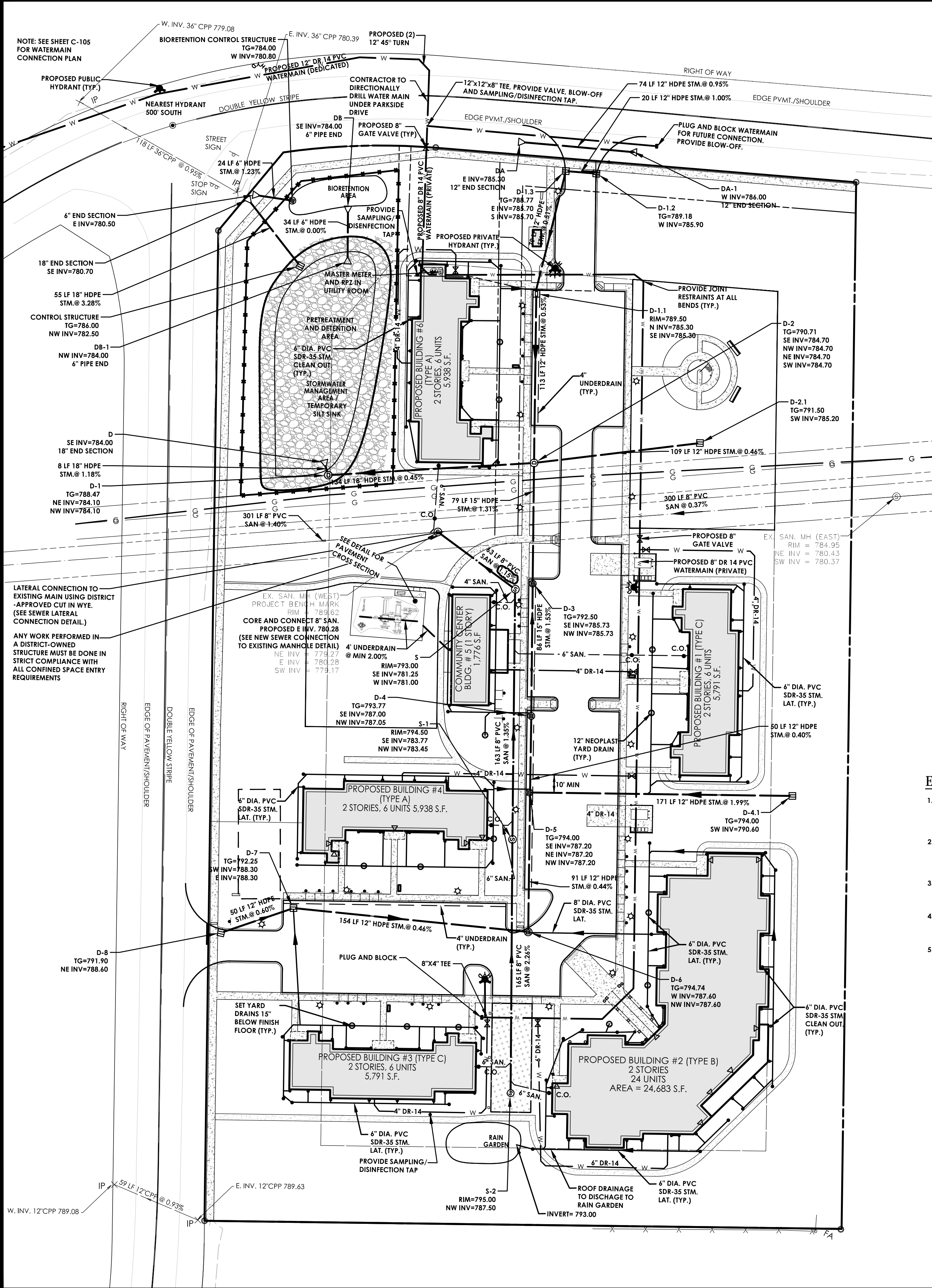
Town/City Canandaigua, Ontario County, New York

Project No. **20121547.01**

Drawing No. **C-101** Sheet No. **2**

Scale: **1"=40'**

Date **FEBRUARY 2016**



WATER SUPPLY NOTES:

1. WATER MAIN SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATIONS AND REGULATIONS OF THE TOWN OF CANANDAIGUA
2. WATER MAIN MATERIAL SHALL BE DR-14 PVC WITH TRACER WIE AND MEET AWWA, C900 STANDARDS.
3. THE WATER MAINS SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C605 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER. THE TOWN OF CANANDAIGUA OR THEIR REPRESENTATIVE SHALL WITHNESS THE INSTALLATION OF THE DEDICATED AND PRIVATE WATERMANS.
4. WHEN INSTALLING FIRE HYDRANTS, AND/OR BLOWOFF, SHOULD GROUND WATER BE ENCOUNTERED WITHIN 7 FEET OF EXISTING GRADE, WEEP HOLES SHALL BE PLUGGED AND HYDRANTS TAGGED & LABELED.
5. MINIMUM SEPARATION BETWEEN THE SEWER AND WATER MAIN SHALL BE 18\"/>
6. WATER MAIN SHALL BE DISINFECTED TO AWWA C651 STANDARD SPECIFICATION FOR DISINFECTANT OF WATER MAINS, BY USING THE CONTINUOUS FEED METHOD. THE SLAG METHOD CAN ONLY BE USED FOR MAINS 24\"/>
7. THE WATER MAINS SHALL HAVE A MINIMUM OF 5'-0\"/>

MATERIAL NOTES:

- SANITARY NOTES:
1. SANITARY SEWER PIPE SHALL BE 8\"/>
 2. SANITARY LATERAL PIPE SHALL BE 4\"/>
 3. WYES AND CLEANOUTS SHALL BE SDR-21 ASTM D-2241.
 4. ALL MANHOLES SHALL BE PRECAST, REINFORCED CONC. ASTM C-478 WITH RUBBER RING JOINTS ASTM C-443.
 5. ALL SANITARY SEWERS AND LATERALS SHALL HAVE 4\"/>
 6. ALL SANITARY MANHOLES SHALL BE 4\"/>
- STORM SEWER:
1. STORM SEWER SHALL BE HDPE.
 2. ALL MANHOLE AND CATCH BASINS SHALL BE PRECAST, REINFORCED CONCRETE. (MANHOLES TO BE 4\"/>
 3. FIELD INLET SIZES = 24\"/>
 4. STORM LATERALS SHALL BE 6\"/>
 5. ALL ROOF LEADERS SHALL BE TIED INTO THE STORM SEWER. THE SITE CONTRACTOR SHALL REVIEW THE ROOF PLANS AND PROVIDE THE REQUIRED FITTINGS TO CONNECT THE DOWNSPOUTS TO THE STORM SEWER.

WATER MAIN:

1. WATER MAIN SHALL BE 8\"/>
2. WATER SERVICES SHALL BE 4\"/>
3. COMPOUND WATER METER SHALL BE 8\"/>
4. VALVES AND HYDRANTS SHALL BE BY MUELLER.

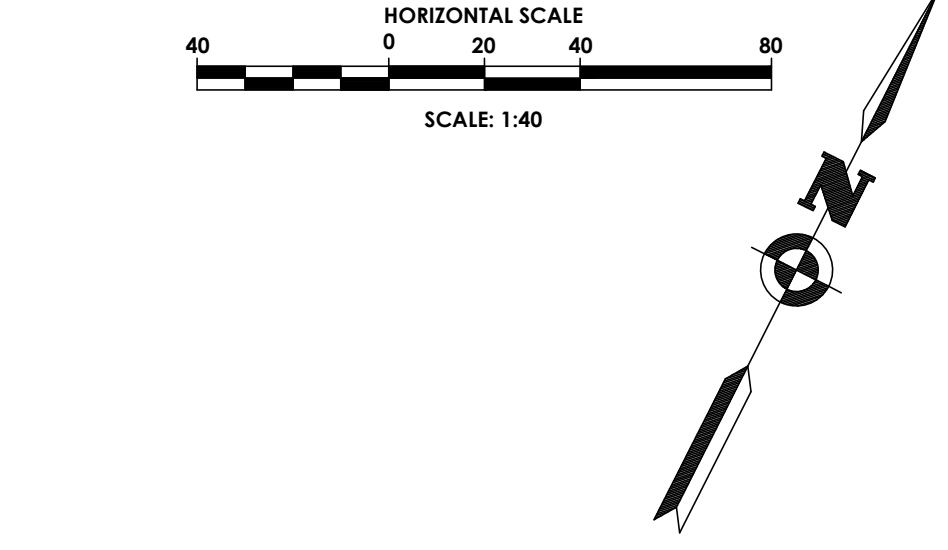
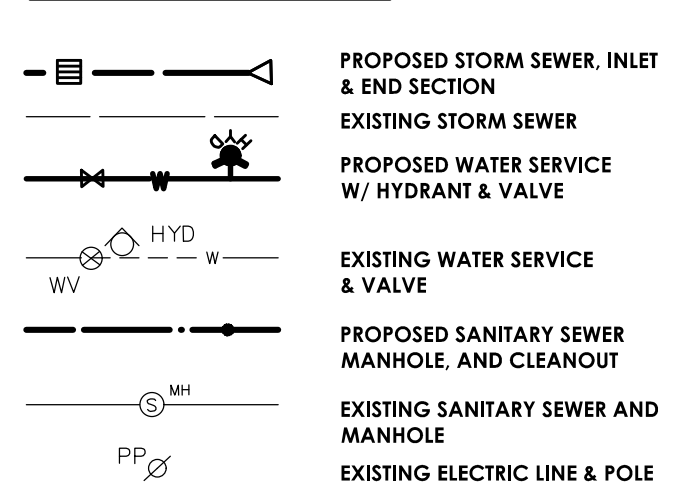
EXISTING UTILITY NOTES:

1. EXISTING UTILITIES ARE LOCATED PER RECORD MAPS PROVIDED BY UTILITY AGENCIES. PASSERO ASSOCIATES ASSUMES NO LIABILITY TO THE LOCATION, DEPTH, SIZE, CONDITION OR MATERIALS OF THESE UTILITIES.
2. THE CONTRACTOR IS REQUIRED TO VERIFY ANY AND ALL INFORMATION NECESSARY TO PROPERLY CONNECT TO OR AVOID CONFLICT WITH THESE UTILITIES. THE CONTRACTOR SHALL INCLUDE IN THE BID, SERVICES TO PROCURE THE ABOVE.
3. EXISTING WATERMAIN LOCATION IS NOT EXACT. CONTRACTOR TO LOCATE WATER MAIN PRIOR TO CONSTRUCTION AND MAKE NECESSARY ADJUSTMENTS FOR ANY UTILITY CONFLICT.
4. ADJUST EXISTING SANITARY AND STORM MANHOLE RIMS AS NECESSARY TO FINAL GRADE. RING ADJUSTMENT SHOULD NOT EXCEED 8\"/>
5. CONTRACTOR MUST COORDINATE WITH UTILITY COMPANY FOR INSTALLATION OF UTILITIES EXISTING GAS MAIN AND SERVICES MUST BE LOCATED AND AVOIDED.

SANITARY SEWER NOTES:

1. SEWER PERMITS AND PERMITS FOR WORK WITHIN ONTARIO COUNTY HIGHWAY RIGHTS OF WAY MUST BE PURCHASED IN ADVANCE AT THE ONTARIO COUNTY PUBLIC WORKS OFFICE LOCATED AT 2942 COUNTY ROAD 48 IN THE TOWN OF HOWEVELL. CALL 585-394-4000 FOR INFORMATION.
2. SANITARY SEWER CONSTRUCTION AND/OR IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE CANANDAIGUA LAKE COUNTY SEWER DISTRICT, N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION, N.Y.S. DEPARTMENT OF HEALTH, THE LATEST EDITION OF RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES AND ANY OTHER AGENCIES HAVING JURISDICTION.
3. SANITARY SEWER MAIN GRAVITY PIPE SHALL BE 8\"/>
4. THE SANITARY SEWER IS DESIGNED TO PROVIDE GRAVITY SERVICE TO ALL ADJACENT BUILDING BASEMENTS. EXCEPTIONS HAVE BEEN APPROVED BY THE SEWER DISTRICT AND ARE CLEARLY NOTED ON THE UTILITY PLAN. BASEMENT FLOOR ELEVATIONS WILL BE SHOWN ON THE SANITARY SEWER PROFILE FOR EACH LOT THAT WILL NOT BE SERVED BY GRAVITY LATERALS.
5. THE CONTRACTOR SHALL LOCATE, MARK AND PRESERVE ANY RIGHT OF WAY MONUMENTS OR SURVEY CONTROL IN THE AREA OF CONSTRUCTION.
6. UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF UTILITIES, EXCAVATING TO EXPOSE THE UTILITY, IF NECESSARY IN THE AREA OF CONSTRUCTION, BEFORE COMMENCING CONSTRUCTION. CONTACT U.F.P.O. AT 1-800-942-7942 AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.
7. THE SANITARY SEWER SHALL BE LOCATED A MINIMUM HORIZONTAL DISTANCE OF 10' FROM ANY EXISTING OR PROPOSED WATER MAIN (AS MEASURED FROM THE OUTSIDE OF THE SEWER TO THE OUTSIDE OF THE WATER MAIN). IN CASES WHERE THE SANITARY SEWER CROSSES A WATER MAIN, THE MINIMUM VERTICAL SEPARATION SHALL BE 18\"/>
8. A LETTER OF CREDIT, OR ENGINEER APPROVED EQUIVALENT, FOR AN AMOUNT EQUAL TO THE ESTIMATED COST OF CONSTRUCTION, INSPECTION, RECORD DRAWINGS, DEDICATION DOCUMENTS AND RELATED EXPENSES FOR THE SANITARY SEWER PLUS AN ADDITIONAL 10% FOR CONTINGENCIES MUST BE SUBMITTED TO THE COUNTY CLERK'S OFFICE.
9. THE CONTRACTOR SHALL PROVIDE THE DISTRICT WITH SHOP DRAWINGS AND MATERIAL SPECIFICATIONS THAT HAVE BEEN PRE-APPROVED BY THE DESIGN ENGINEER BEFORE A PERMIT WILL BE ISSUED.
10. THE DEVELOPER IS RESPONSIBLE FOR THE PREPARATION OF ALL REQUIRED EASEMENT MAPS AND DESCRIPTIONS AND SUBMISSION TO THE DISTRICT FOR APPROVAL. PERMITS WILL NOT BE ISSUED PRIOR TO THE EASEMENT DOCUMENTS BEING SIGNED BY THE COMMISSIONER AND RECORDED IN THE COUNTY CLERK'S OFFICE.
11. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH OSHA REQUIREMENTS IN ALL ASPECTS OF CONSTRUCTION, PAYING PARTICULAR ATTENTION TO REQUIREMENTS FOR OPEN TRENCH AND CONFINED SPACE. ENTRY INTO ANY DISTRICT STRUCTURE MUST COMPLY WITH ALL DISTRICT AND OSHA APPROVED PROCEDURES FOR CONFINED SPACES.
12. WHEN SANITARY SEWER CONSTRUCTION ACTIVITIES BEGIN, THE CONTRACTOR SHALL PLUG THE MAIN AT THE CONNECTING MANHOLE. PLUGS SHALL NOT BE REMOVED UNTIL THE COMPLETED SEWER LINE IS TESTED AND APPROVED FOR USE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SANITARY FLOWS AT ALL TIMES BY METHODS ACCEPTABLE TO THE DEVELOPER'S ENGINEER AND THE DISTRICT.
14. THE SEWER LINE SHALL BE LAID USING A PIPE LASER. GRADE SHALL BE CHECKED EVERY 100 FEET USING A SURVEYOR'S LEVEL TO INSURE THE CORRECT GRADE IS BEING MAINTAINED.
15. FLOOR DRAINS IN THE BASEMENT OR GARAGE ARE TO BE CONNECTED TO THE SANITARY SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUND WATER. ALL DISCHARGES TO THE SANITARY SEWER MUST COMPLY WITH EFFLUENT LIMITS OF THE ONTARIO COUNTY SEWER USE LAW. FOUNDATION AND FOOTER DRAINS SHALL BE CONSTRUCTED IN A MANNER THAT WILL PROHIBIT GROUND WATER FROM DRAINING INTO THE SANITARY SEWER PIPE CRAWLE.
16. OPENINGS IN EXISTING MANHOLES SHALL BE MADE WITH A CORE SAW. A RUBBER, WATER-TIGHT PIPE/JOINT-ADAPTER OR OTHER DISTRICT APPROVED CONNECTOR CONFORMING TO ASTM C1923, SHALL BE USED TO MAKE THE CONNECTION TO THE EXISTING MANHOLE.
17. THE CONTRACTOR SHALL PERFORM ALL EXISTING MANHOLE MODIFICATION OPERATIONS IN SUCH A MANNER TO ENSURE NO DEBRIS OR CONSTRUCTION MATERIALS ENTER THE SANITARY SEWER SYSTEM.
18. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN PERFORMING EXISTING MANHOLE MODIFICATION OPERATIONS. ANY DAMAGE TO THE EXISTING SLAB, BARREL OR ANY OTHER PART OF THE STRUCTURE SHALL BE REPLACED IN KIND TO THE SATISFACTION OF THE CANANDAIGUA LAKE COUNTY SEWER DISTRICT REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
19. EXISTING MANHOLES THAT ARE MODIFIED IN ANY MANNER SHALL BE SUBJECT TO VACUUM TESTING PER DISTRICT REQUIREMENTS.
20. CONNECTIONS REQUIRING OPENINGS IN ASBESTOS CEMENT PIPE WILL BE DESIGNED, INSPECTED AND CERTIFIED BY THE DESIGN ENGINEER OR REPRESENTATIVE THEREOF.
21. ALL PIPES ENTERING AND EXITING MANHOLES SHALL HAVE A FLEXIBLE WATER-TIGHT JOINT NO LESS THAN 1 FOOT AND NO GREATER THAN 3 FEET FROM THE OUTSIDE WALL OF THE MANHOLE.
22. MANHOLES DEEPER THAN 14 FEET, LESS THAN 5 FEET IN DEPTH, OR HAVING THREE OR MORE PIPE CONNECTIONS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 5 FEET.
23. ANY EXCAVATION NOT BACKFILLED BY THE END OF THE WORKDAY SHALL BE FENCED, BARRICADED AND LIGHTED FOR SAFETY AND PROTECTION OF THE PUBLIC.
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EXISTING SANITARY MAINS, STRUCTURES AND APPURTENANCES, IF ANY, NEEDED TO COMPLETE THE WORK.
25. EXISTING LATERALS TO BE DISCONNECTED MUST BE PERMANENTLY PLUGGED OR CAPPED AT THE EASEMENT OR RIGHT OF WAY LINE UNDER THE DIRECTION OF THE CANANDAIGUA LAKE COUNTY SEWER DISTRICT SUPERVISOR. THE CONTRACTOR IS REQUIRED TO OBTAIN A PERMIT PRIOR TO PERFORMING THE WORK. THE LOCATION OF THE PLUG OR CAP SHALL BE RECORDED FOR AS-BUILT DRAWING PURPOSES.
26. LATERAL CLEAN OUTS WILL BE PROVIDED AT THE RIGHT OF WAY LINE OR SANITARY SEWER EASEMENT LINE, WHICHEVER IS FURTHEST FROM THE SEWER MAIN, AND EVERY 90 LINEAR FEET THEREAFTER.
27. THE CONTRACTOR SHALL TAKE AND RECORD FIELD MEASUREMENTS TO ALL WYES, CLEAN OUTS AND LATERAL PLUGS AS WELL AS ENDS OF LATERALS. THE INFORMATION WILL BE GIVEN TO THE DEVELOPER'S ENGINEER FOR USE IN PREPARING RECORD DRAWINGS.
28. FOLLOWING PROJECT COMPLETION AND 30 DAYS AFTER THE BACKFILL HAS BEEN IN PLACE THE FOLLOWING TESTS SHALL BE PERFORMED ON GRAVITY SANITARY SEWER MAIN:
 - A. INFILTRATION/EX-FILTRATION TESTS ON SEWER MAIN AND MANHOLES. AIR PRESSURE TESTING FOR SEWER MAINS AND VACUUM TESTING FOR MANHOLES IS RECOMMENDED. TESTS ON MANHOLES MAY BE PERFORMED ONLY AFTER MANHOLE BENCHES AND INVERTS ARE COMPLETE.
 - B. DEFLECTION TEST USING A RIGID BALL OR MANDEL HAVING A DIAMETER OF 95% OF THE INSIDE DIAMETER OF THE PIPE. MECHANICAL PULLING SHALL NOT BE USED.
 - DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM.
 - NO PIPE SHALL EXCEED A DEFLECTION OF 5 PERCENT. IF DEFLECTION EXCEEDS 5 PERCENT, THE PIPE SHALL BE EXCAVATED. REPLACEMENT OR CORRECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH REQUIREMENTS IN THE APPROVED SPECIFICATIONS.
 - THE RIGID BALL OR MANDEL USED FOR THE DEFLECTION TEST SHALL HAVE A DIAMETER NOT LESS THAN 95 PERCENT OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE DEPENDING ON WHICH IS SPECIFIED IN THE ASTM SPECIFICATION, INCLUDING THE APPENDIX, TO WHICH THE PIPE IS MANUFACTURED. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
 - C. THE SEWER LINE WILL BE TELEVIEWED AND LAMPED AFTER ALL OTHER TESTS ARE COMPLETE. A GOOD QUALITY COPY OF THE DVD OR VIDEO TAPE AND RELATED RECORDS WILL BE SUBMITTED FOR EVALUATION TO CANANDAIGUA LAKE COUNTY SEWER DISTRICT. PRIOR TO TELEVIEWING THE SEWER LINE SHALL BE FLUSHED AND CLEARED OF DIRT, STONES AND DEBRIS. IF PERMISSION IS GRANTED TO REMOVE THE PLUG AT THE CONNECTING MANHOLE PRIOR TO FLUSHING OPERATION, PROVIDE DOWNSCREEN SCREENS OR OTHER DEVICES TO PREVENT DEBRIS FROM ENTERING THE COUNTY'S SEWER SYSTEM. SECTIONS OF PIPE REPAIRED OR RE-FLUSHED WILL BE RE-TELEVIEWED UNTIL ACCEPTABLE.
29. UPON PROJECT COMPLETION AND DISTRICT APPROVAL, THE DEVELOPER'S ENGINEER WILL SUBMIT RECORD DRAWINGS ON MYLAR AND IN ELECTRONIC FORMAT, TIED TO NAD83 HORIZONTAL AND NAVD 88 VERTICAL DATUM. THE DRAWINGS WILL SHOW ACTUAL FIELD MEASURED LOCATIONS, LENGTHS, ELEVATIONS AND TYPES OF PIPE AND APPURTENANCES INCLUDING WYES AND LATERALS, AS WELL AS PROFILES, EASEMENTS AND ANY OTHER RELATED INFORMATION REQUESTED BY THE DISTRICT. MYLAR DRAWINGS WILL BE STAMPED/SEALED AND SIGNED BY A PROFESSIONAL ENGINEER OR SURVEYOR, AND SHALL BE AT STANDARD ENGINEERING SCALE (1\"/>
30. THE DEVELOPER IS RESPONSIBLE FOR PROVIDING EASEMENT MAPS AND DESCRIPTIONS AND SEWER DEDICATION DOCUMENTS. MAPS WILL BE RECORDED WITH DEDICATION DOCUMENTS IN THE ONTARIO COUNTY CLERK'S OFFICE, AND THEREFORE NEED TO BE SUBMITTED ON LEGAL SIZE (8 1/2\"/>
31. PRIOR TO RELEASING THE RETAINAGE FROM THE ORIGINAL LETTER OF CREDIT, A MAINTENANCE BOND FOR A MINIMUM OF 10% OF THE TOTAL SANITARY SEWER-RELATED COST OF THE PROJECT IN FAVOR OF THE CANANDAIGUA LAKE COUNTY SEWER DISTRICT WILL BE SUBMITTED TO THE COMMISSIONER. THE BOND WILL EXPIRE NO SOONER THAN ONE YEAR FROM THE DATE OF DEDICATION OF THE SEWER, OR THE RELEASE DATE OF THE RETAINAGE FROM THE LETTER OF CREDIT, WHICHEVER OCCURS LAST.
32. UPON COMPLETION, THE SANITARY SEWER MAIN AND APPURTENANCES SHALL REMAIN PRIVATE, AND THAT IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO PROVIDE MAINTENANCE AND SERVICE

PROFILES LEGEND:



STANDARD WATER MAIN EXTENSION NOTES:

1. THE WATER MAIN SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651. FOLLOWING DISINFECTION, THE WATER MAIN SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. ALL WATER MAIN FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB DISINFECTED 30 MINUTES PRIOR TO INSTALLATION. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR) WITH A SPECIAL EXEMPTION UNDER SECTION 7208(n) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. SAMPLES SHALL BE COLLECTED FOR FREE CHLORINE RESIDUAL, TOTAL AND FECAL COLIFORM AND 24-HOUR BACTERIAL PLATE COUNT AND TAKEN TO A NYS CERTIFIED LABORATORY AND RESULT PROVIDED TO NYSDOH. THE WATER MAIN SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE NYS DEPARTMENT OF HEALTH.
2. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPE AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS, AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
3. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
4. THE WATER MAIN SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER.

SITE/UTILITY CONSTRUCTION NOTES:

1. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL UTILITY CONNECTIONS WITH MECHANICAL/ARCHITECTURAL DRAWINGS FOR LOCATION, PENETRATION, AND SIZES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH ALL SUBCONTRACTORS FOR PROPER UTILITY CONNECTION LOCATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY DESCRIBED TO ENGINEER AND ARCHITECT.
2. CONTRACTOR SHALL BE REQUIRED TO COORDINATE GAS AND ELECTRIC SERVICES INSTALLATION WITH UTILITY COMPANIES. SEE ARCHITECTURAL BUILDING PLANS FOR LOCATION AND SERVICE REQUIREMENTS.
3. THE CONTRACTOR IS REQUIRED TO COORDINATE WITH SITE CONTRACTOR/PLUMBER & LOCATION CONTRACTOR TO DETERMINE THE NECESSARY WYE & CLEANOUT LOCATION ON THE STORM SEWER SYSTEM. THE STORM SEWER SYSTEM IS RECOMMENDED AND MAY BE MODIFIED TO PROVIDE ADEQUATE ROOF DRAINAGE CONNECTIONS.
4. 6\"/>
5. THE DEVELOPER AND HIS/HER CONTRACTOR IS RESPONSIBLE FOR COORDINATING GAS, ELECTRICAL, CABLE, TELEPHONE AND ANY OTHER UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET WITH APPROPRIATE AGENCY. PASSERO ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE DESIGN OR PERFORMANCE OF UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET.
6. THE PROJECT IS WITHIN THE ROUTE 332 DRAINAGE DISTRICT.
7. TRACER TAPE TO BE INSTALLED ABOVE THE WATERMAIN FOR IDENTIFICATION.

ARCHITECTURAL COORDINATION NOTE:

THE CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL UTILITY CONNECTIONS WITH MECHANICAL/ARCHITECTURAL DRAWINGS FOR LOCATION, PENETRATION, AND SIZES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH ALL SUBCONTRACTORS FOR PROPER UTILITY CONNECTIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY DESCRIBED TO ENGINEER AND ARCHITECT.

NEW YORK STATE DEPARTMENT OF HEALTH

APPROVED BY	DATE
PLANNING BOARD CHAIRPERSON	
APPROVED BY	DATE
TOWN ENGINEER	
APPROVED BY	DATE
TOWN OF CANANDAIGUA HIGHWAY SUPERINTENDENT	
APPROVED BY	DATE
CANANDAIGUA-FARMINGTON WATER/SEWER DISTRICT SUPERINTENDENT	

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- C 103 Grading & Erosion Control Plan
- C 104 Landscaping & Lighting Plan
- C105 Profiles
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- C 201 Details
- C 202 Details

Client:

FINGER LAKES COMMUNITY DEVELOPMENT
41 Lewis Street
P.O. Box 153
Geneva, NY 14456

Andrew Tyman (315)789-8010

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Principal-in-Charge: John F. Caruso, P.E.
Project Manager: Jess D. Sudol, P.E.
Designed by: Carole Harvey

Revisions				
No.	Date	By	Description	
1	2/15/17	JS	PER TOWN PRC COMMENTS	

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PRELIMINARY AND FINAL UTILITY PLAN

Town/City Canandaigua, Ontario County, New York

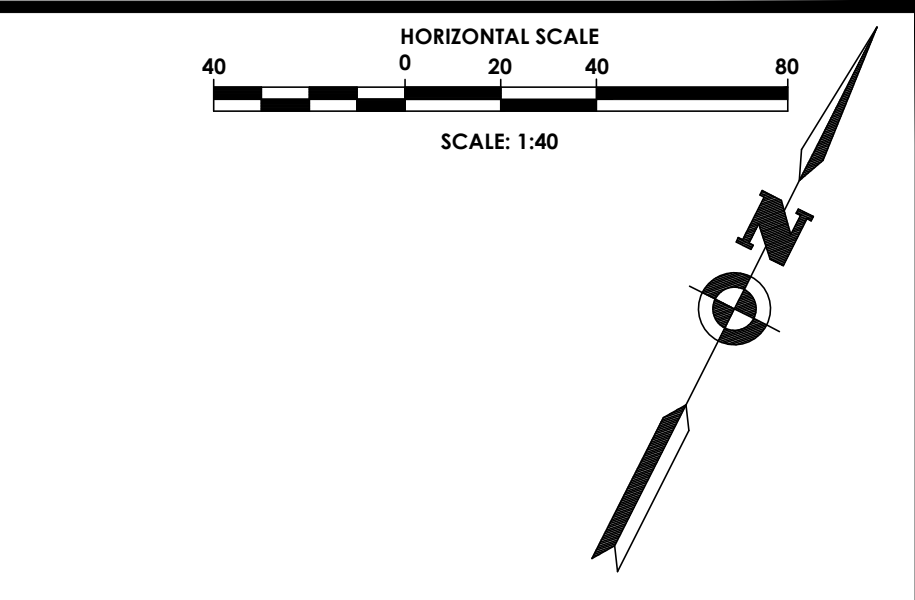
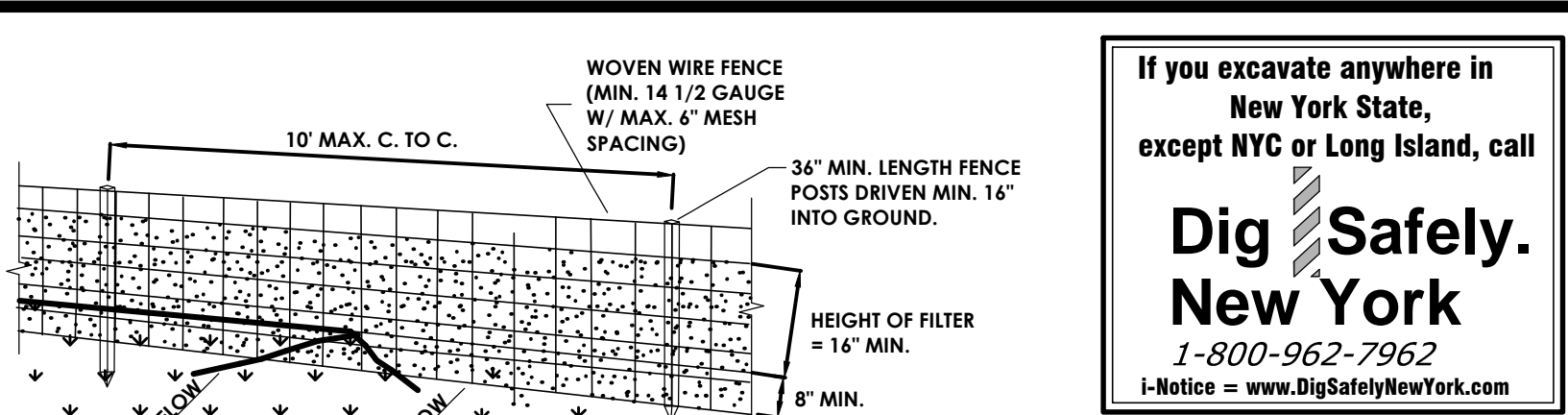
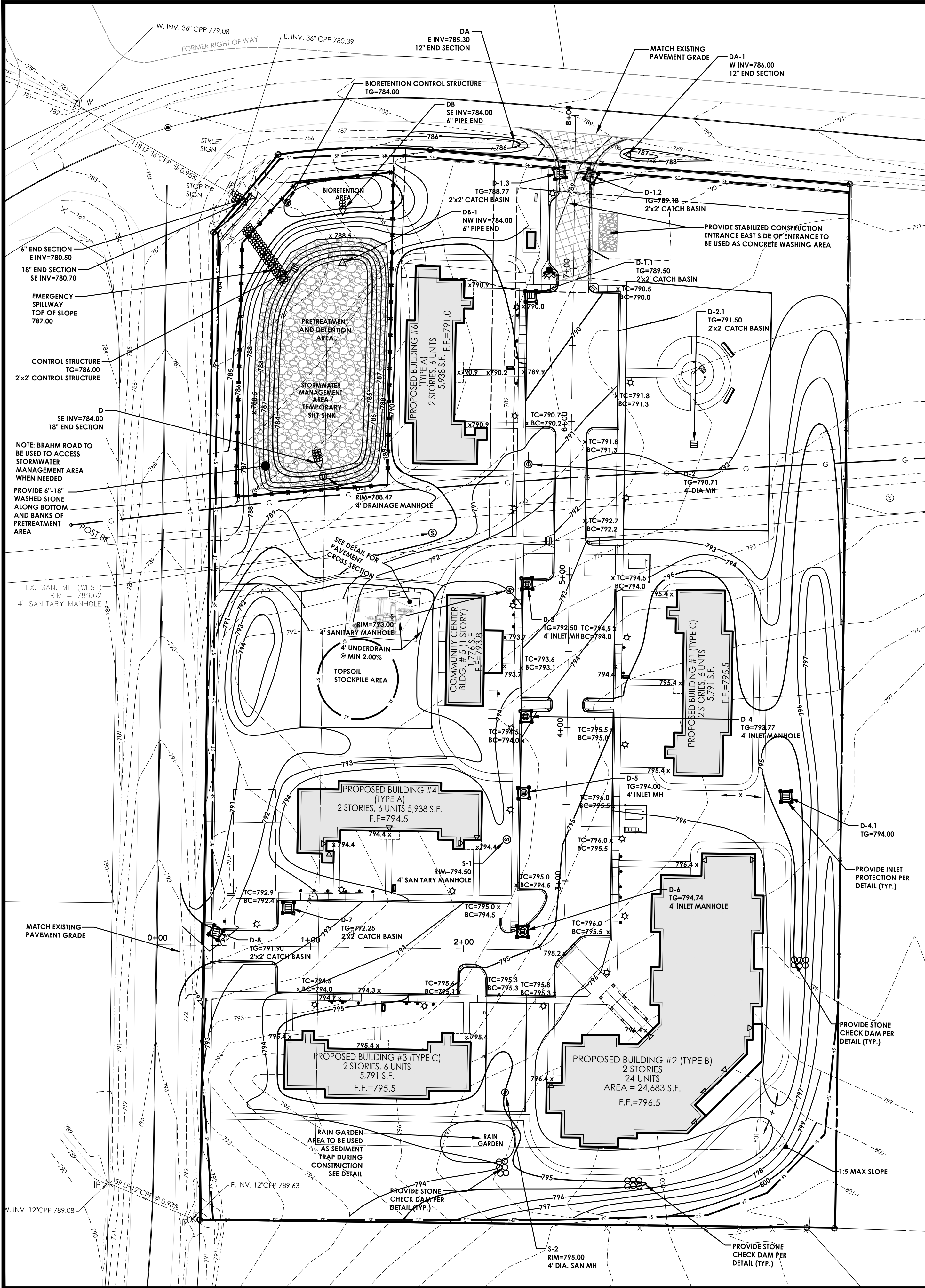
Project No. **20121547.01**

Drawing No.	Sheet No.
C-102	3

Scale: **1"=40'**

Date **FEBRUARY 2016**

VETERANS HOUSING
5251 PARKSIDE DRIVE



CONSTRUCTION SEQUENCE FOR GRADING AND EROSION CONTROL:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE
2. CONSTRUCT TEMPORARY SEDIMENT BASINS AND EROSION CONTROL MEASURES AS SHOWN ON THE PLANS.
3. CONSTRUCT DRAINAGE SWALES ALONG PROPERTY LINES AS SHOWN.
4. CLEAR AND GRUB THE PROJECT IMPROVEMENTS AREAS.
5. STRIP TOPSOIL AND STOCKPILE FOR LATER USE.
6. THE PROPOSED STORMWATER MANAGEMENT AREA/BIO-RETENTION AREA IS TO REMAIN AS A TEMPORARY SEDIMENT BASIN UNTIL THE UPLAND CONTRIBUTING AREA IS PERMANENTLY STABILIZED. THE SOIL MEDIA IN THE BIO-RETENTION FACILITY SHOULD NOT BE INSTALLED UNTIL AFTER THE SITE IS PERMANENTLY STABILIZED.
7. GRADE IMPROVEMENTS AREAS WITHIN THE PROJECT SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST DISTURBANCE.
8. THE SITE SHOULD BE ROUGH GRADED BEFORE SITE INFRASTRUCTURE IS INSTALLED TO ENSURE PROPER INSTALLATION DEPTHS AND PROVIDE PROTECTION OF UTILITIES FROM CONSTRUCTION TRAFFIC.
9. CONSTRUCT SEDIMENTATION BARRIERS AS SHOWN ON THIS PLAN.
10. REPLACE TOPSOIL AND FINE GRADE.
11. HYDRO SEED ALL DISTURBED AREAS WITHIN 7 DAYS AFTER GRADING. CONTRACTOR IS RESPONSIBLE TO RESEED IF GRADING IS UNSATISFACTORY.
12. UPON APPROVAL OF THE TOWN, REMOVE ALL TEMPORARY SITUATION CONTROLS.
13. SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL MAX. MAINTAIN 1:4 WHERE POSSIBLE. ROLLED EROSION STABILIZATION FABRIC SHALL BE USED ON 1:3 SLOPES OR GREATER.
14. MINIMUM OF 6\"/>
15. CLEAR SEDIMENT BASIN OF ACCUMULATED SILT AND INSTALL STONE IN PERMANENT AREA.
16. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED UPON ACTUAL FIELD CONDITIONS AOCB. CONTRACTOR SHALL PROVIDE FOR THIS COST IN HIS CONTRACT.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITUATION AND EROSION CONTROL MEASURES FROM INSTALLATION THROUGH MAINTENANCE AND REMOVAL AFTER REVEGETATION HAS BEEN ESTABLISHED.
18. ALL END SECTIONS WILL BE PROVIDED WITH RIP-RAP APRONS.
19. ALL EROSION AND SEDIMENT CONTROL METHODS WILL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. THE CONTRACTOR SHALL KEEP ALL PUBLIC ROADS FREE OF MUD, DIRT AND DEBRIS.
20. AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY REQUIRE ADDITIONAL MEASURES. THE CONTRACTOR AND THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE TOWN OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE TOWN AND OWNER.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITTEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE RIP-RAP CORRECTIVE ACTIONS.

AS IDENTIFIED BY THE DEVELOPER'S QUALIFIED SWPPP MONITOR OR A TOWN OF CANANDAIGUA REPRESENTATIVE, SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE TOWN MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE TOWN DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-10-001).

PHASING NOTE

THE CONSTRUCTION OF THE PROJECT SHALL BE PHASED TO PREVENT DISTURBANCES OVER 5 ACRES. ONCE AN AREA IS SEEDED AND MULCHED IT IS CONSIDERED STABILIZED AND DOES NOT COUNT TOWARDS THE DISTURBED ACREAGE.

SEEDING NOTE

TO PROVIDE THE FOLLOWING SEED MIXTURES DURING CONSTRUCTION:

TEMPORARY SEEDING:
RYEGRASS (ANNUAL OR PERENNIAL) @ 30LBS. PER ACRE OR 0.7 LBS. PER 1000 SQUARE FEET.

PERMANENT SEEDING:
65% KENTUCKY BLUEGRASS BLEND @ 85LBS. PER ACRES OR 2.0-2.6 LBS. PER 1000 SQUARE FEET
20% PERENNIAL RYEGRASS @ 26-35 LBS. PER ACRE OR 0.6-0.8 LBS. PER 1000 SQUARE FEET
15% FINE FESCUE @ 19-26 LBS. PER ACRE OR 0.4-0.6 LBS. PER 1000 SQUARE FEET

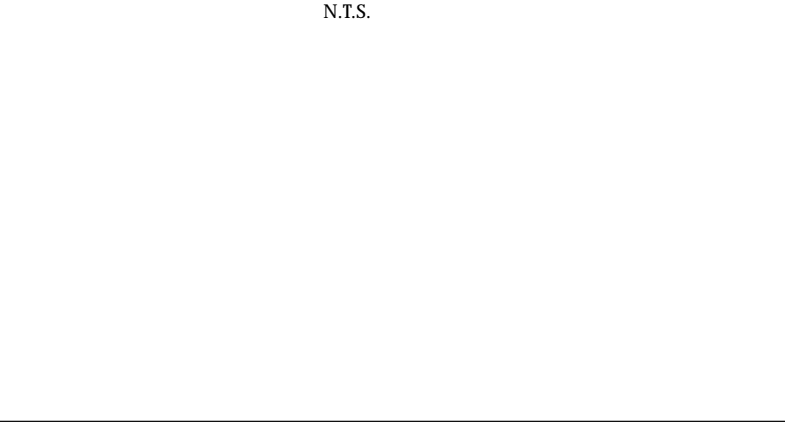
FOR ALL SEEDING & STABILIZATION MEASURES IT IS THE RESPONSIBILITY OF THE OWNER & DEVELOPER TO ENSURE THAT FINAL STABILIZATION OCCURS AS REQUIRED BY THE NYSDEC. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN(S).

ACCESS NOTE

ALL FIRE LINES WILL REMAIN OPEN AND UNOBSTRUCTED ALL TIMES DURING CONSTRUCTION

APPROVALS:

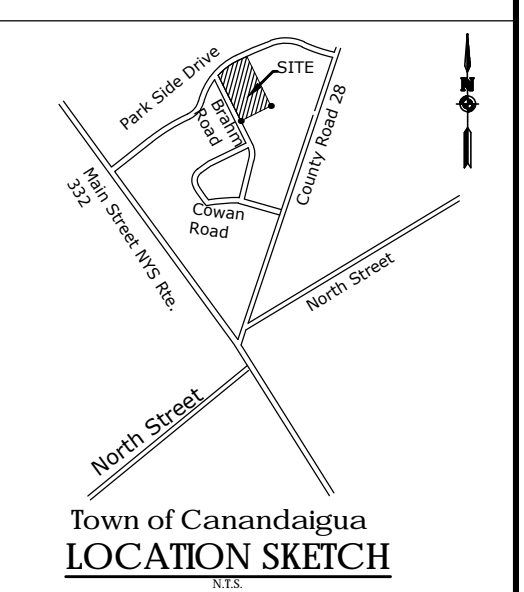
STABILIZED CONSTRUCTION ENTRANCE



- LEGEND:**
- 520 --- EXISTING MAJOR CONTOUR
 - 521 --- EXISTING MINOR CONTOUR
 - 520 --- PROPOSED MAJOR CONTOUR
 - 521 --- PROPOSED MINOR CONTOUR
 - SILT FENCE
 - FLOW ARROW
 - CATCH BASIN W/ INLET PROTECTION

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Designed by: Carole Harvey



Revisions				
No.	Date	By	Description	
1	2/15/17	JS	PER TOWN PRC COMMENTS	

PRELIMINARY AND FINAL GRADING & EROSION

VETERANS HOUSING
5251 PARKSIDE DRIVE

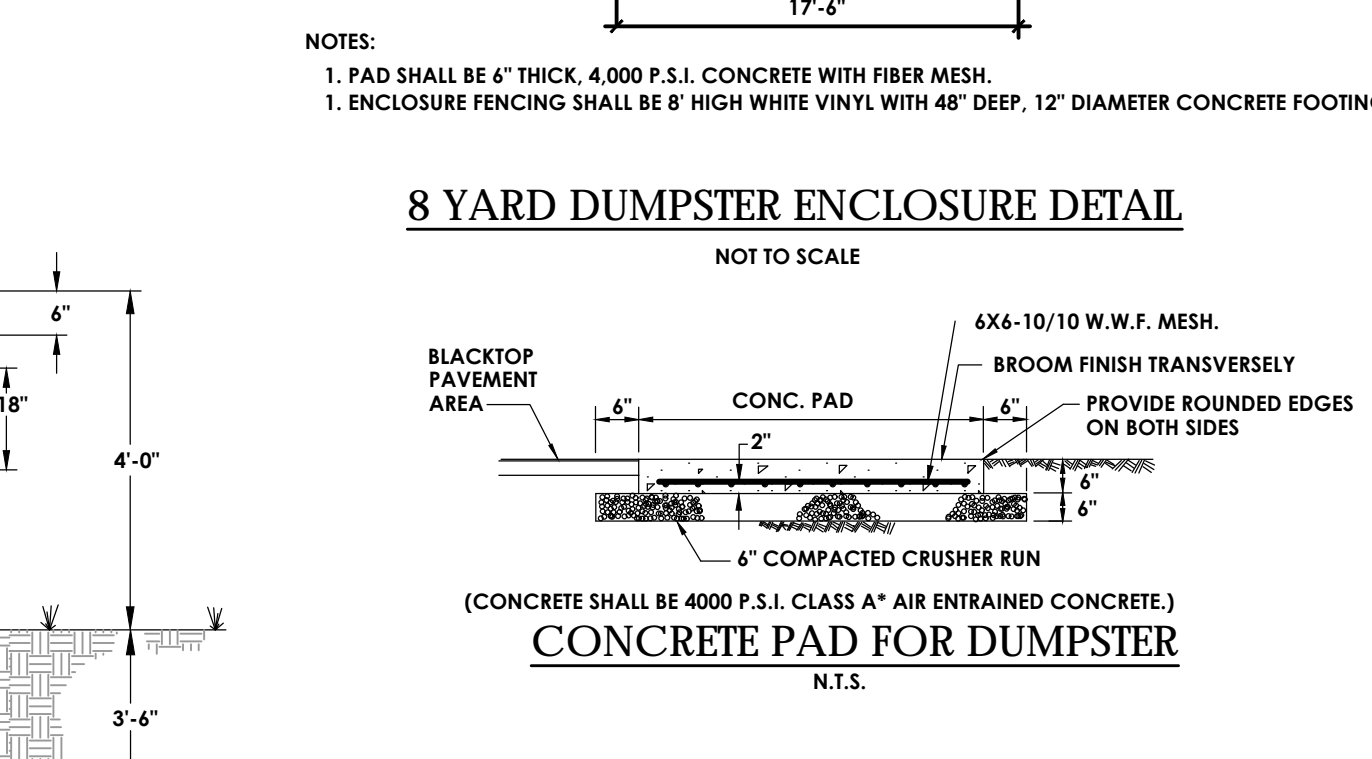
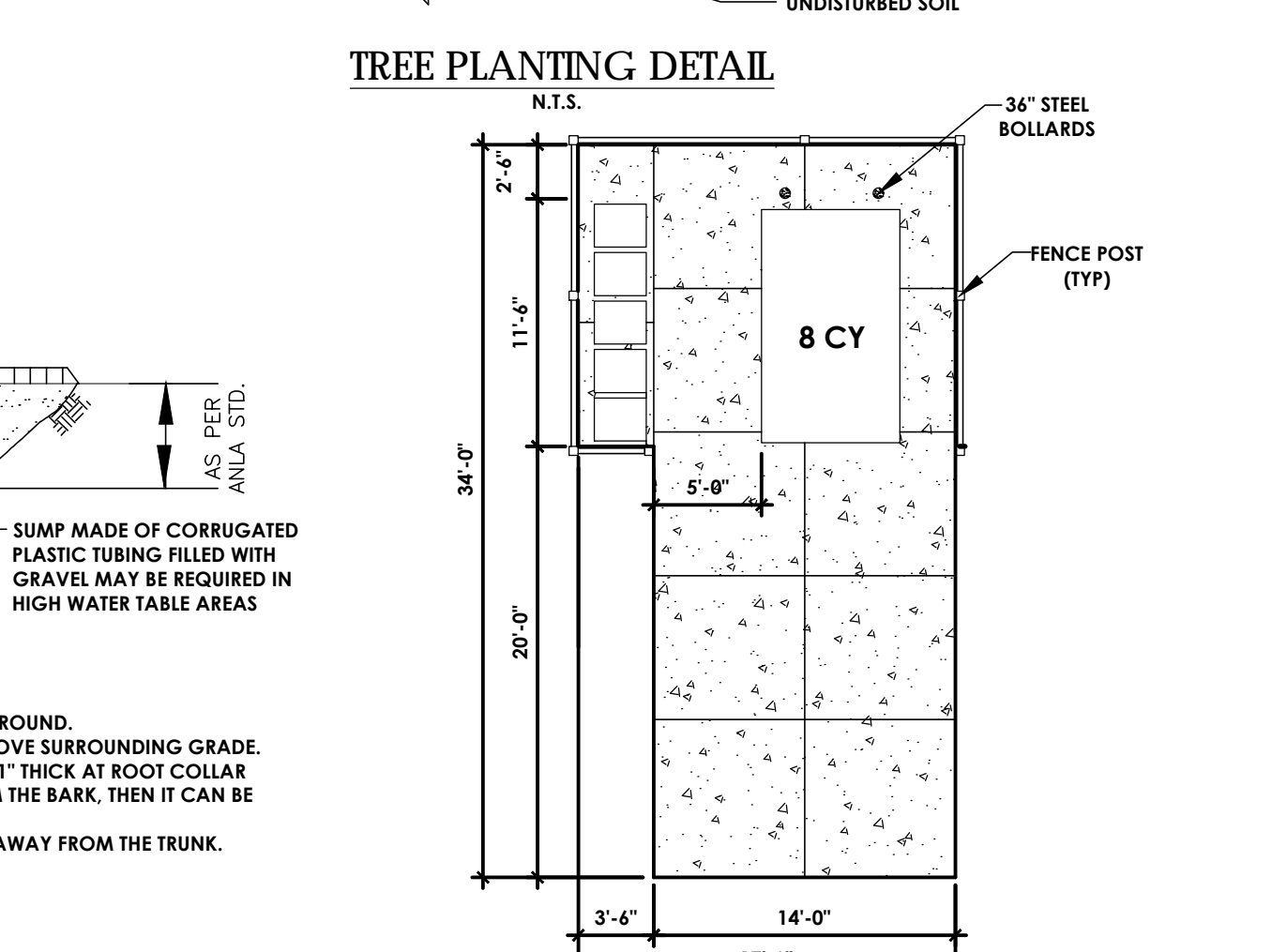
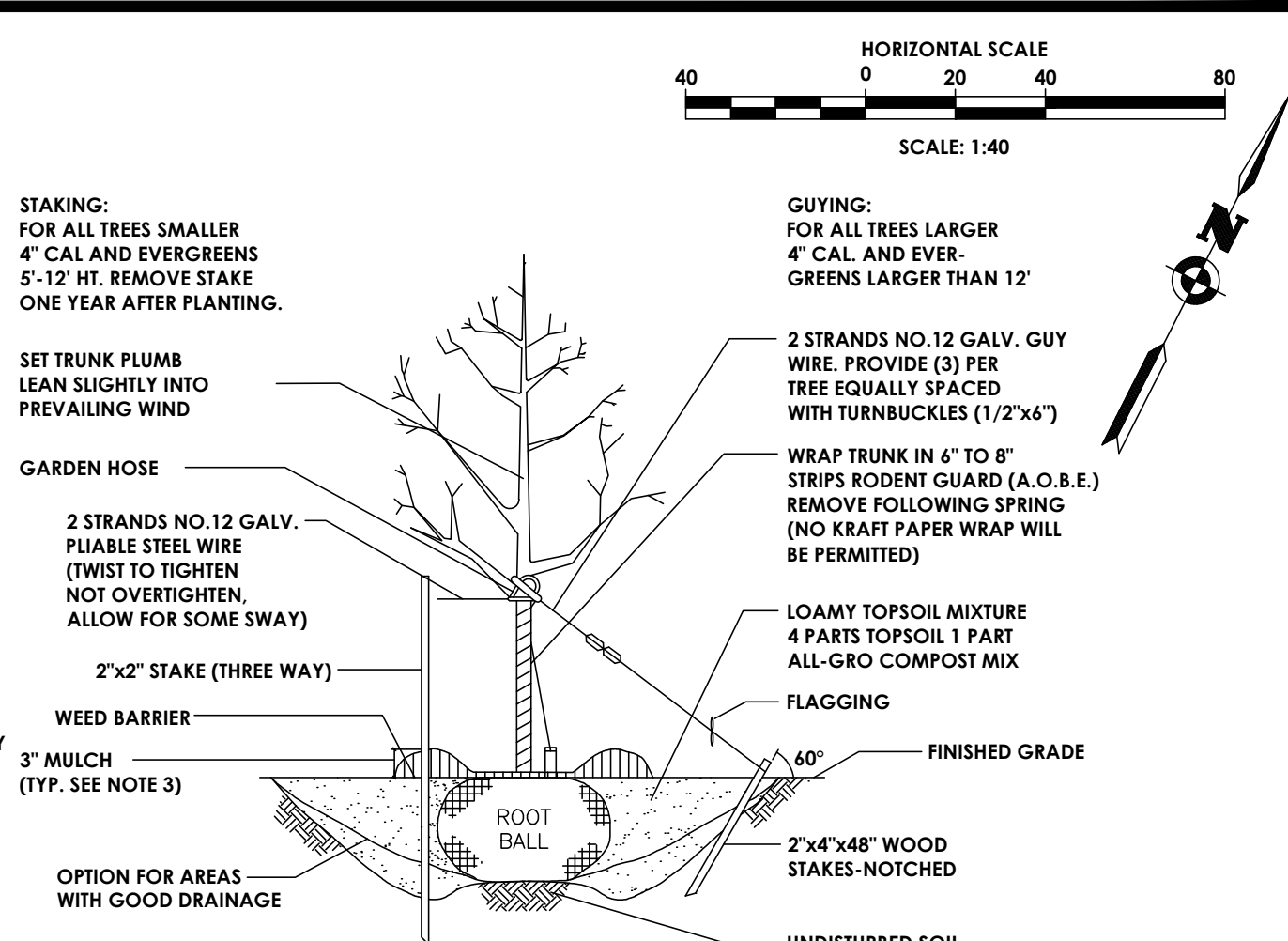
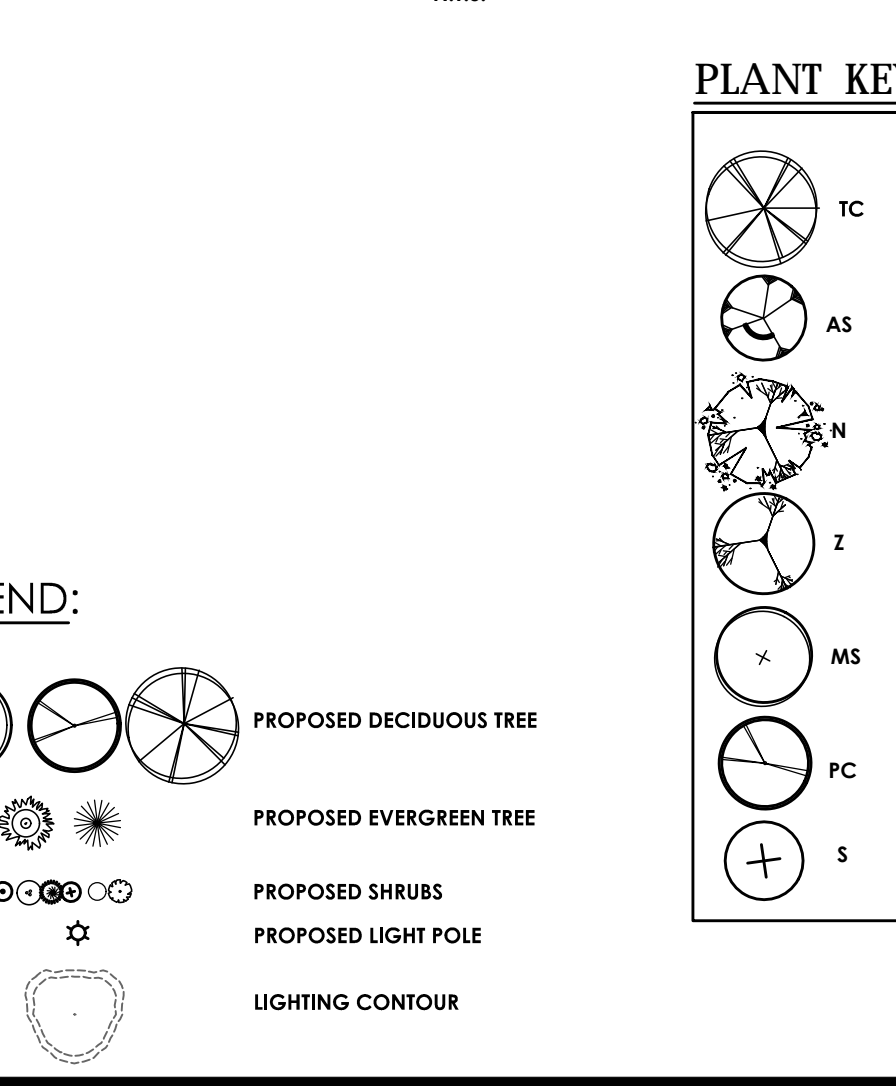
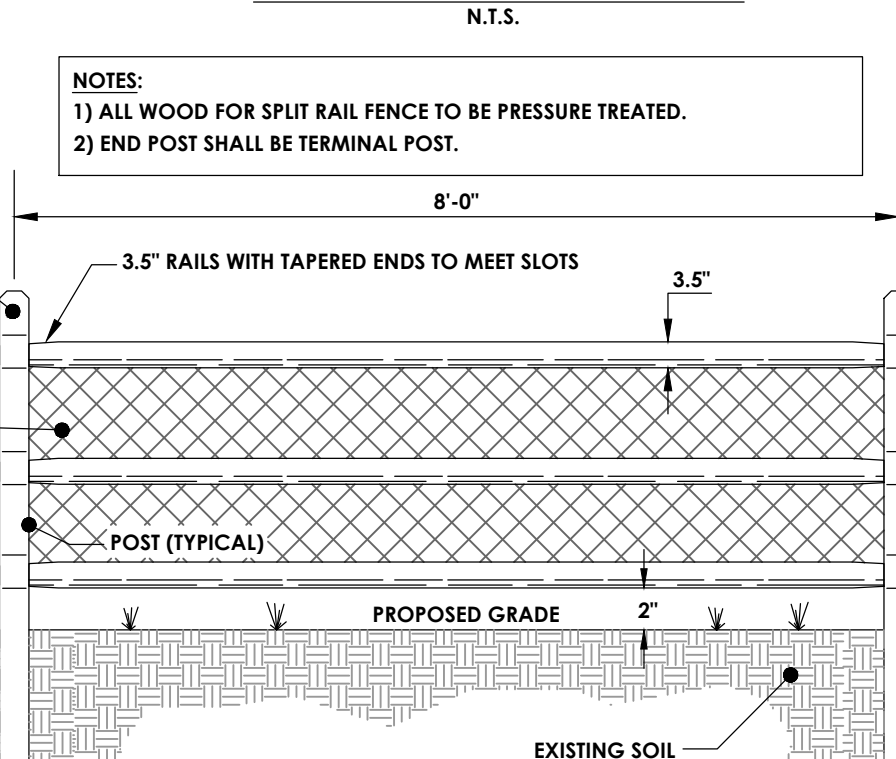
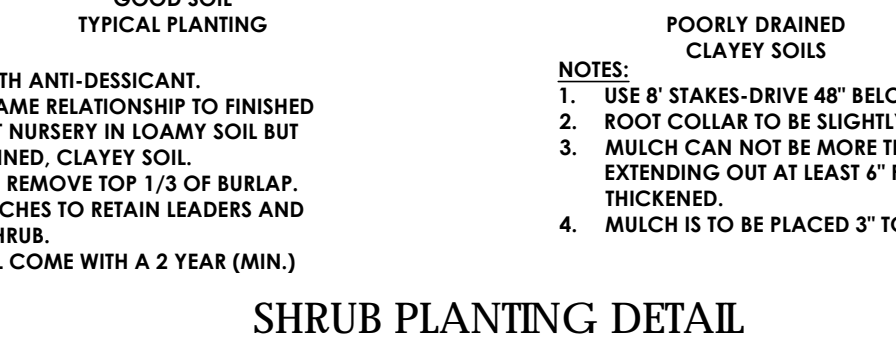
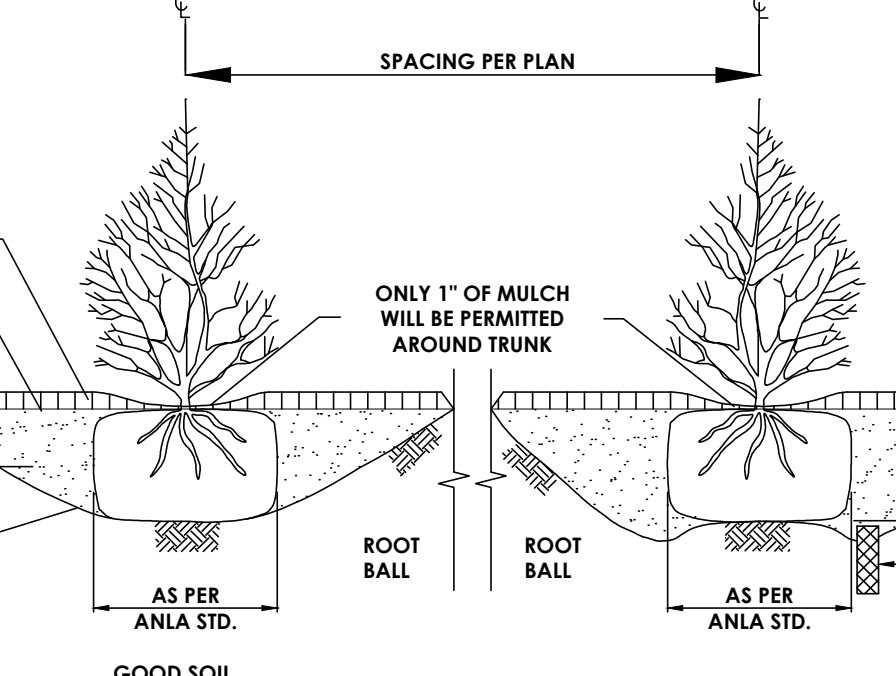
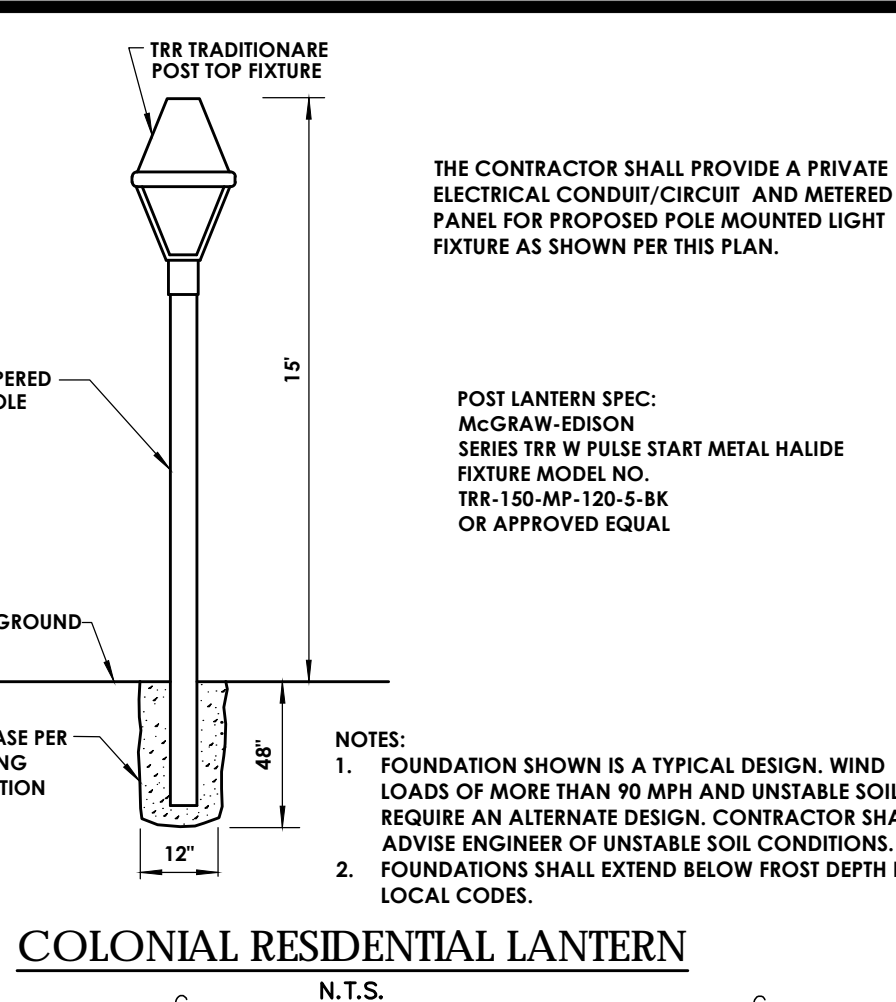
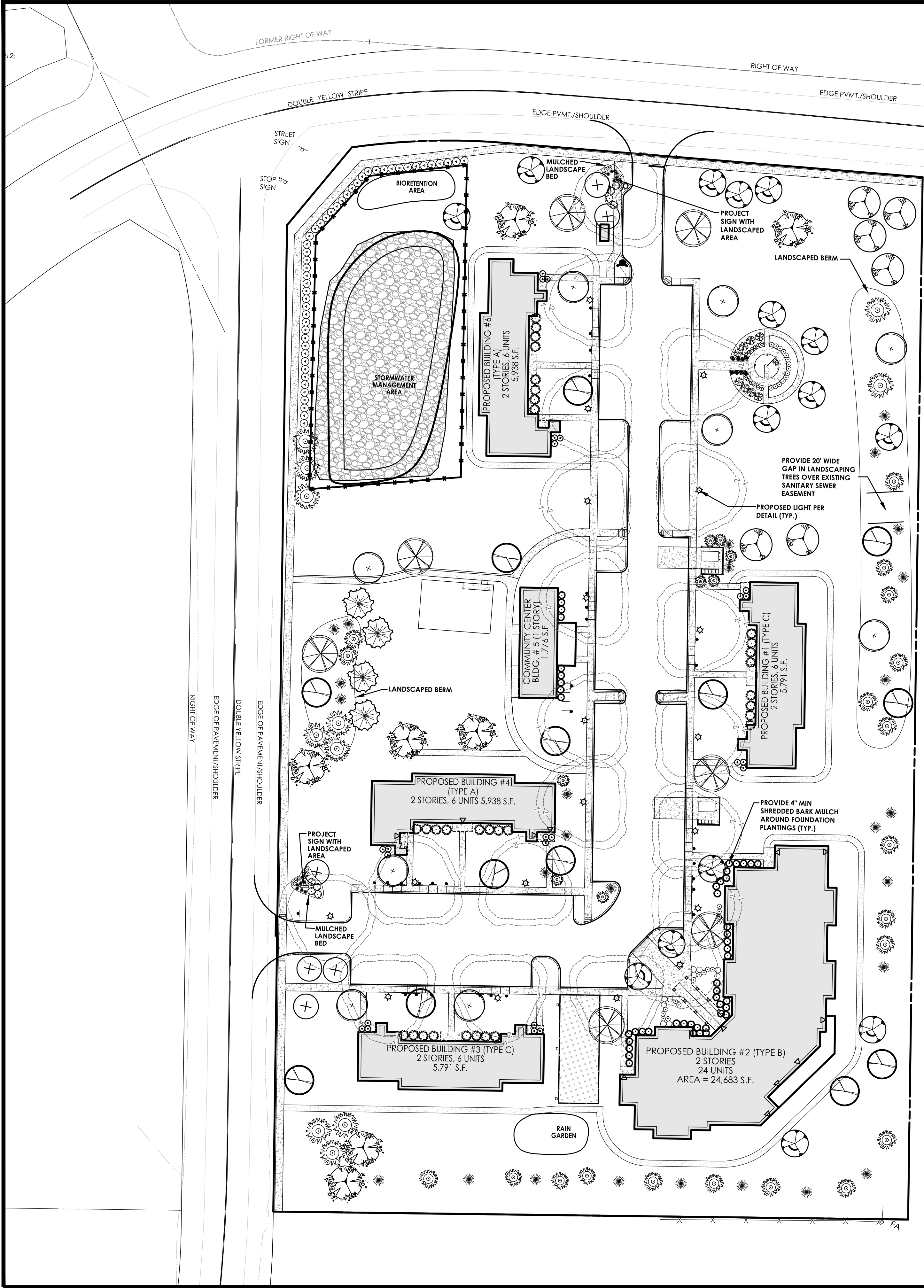
Town/City Canandaigua, Ontario County, New York

Project No.
20121547.01

Drawing No. **C-103** Sheet No. **4**

Scale:
1"=40'

Date
FEBRUARY 2016



PLANT SCHEDULE					
KEY	QTY	COMMON NAME	BOTANICAL NAME	SIZE	SPACING
DECIDUOUS SHADE TREES					
TC	7	GREENSPIRE LINDEN	TILIA CORDATA 'GREENSPIRE'	2 1/2" CAL. B&B	A.S.
AS	15	SUGAR MAPLE	ACER SACCHARUM	2 1/2" CAL. B&B	A.S.
N	7	BLACK TUPELO	NYSSA SYLVATICA	2 1/2" CAL. B&B	A.S.
Z	6	JAPANESE ZELKOVA	ZELKOVA SERRATA	2 1/2" CAL. B&B	A.S.
FLOWERING SHADE TREES					
MS	9	SPRING SNOW CRAB	MALUS 'SPRING SNOW'	2 1/2" CAL. B&B	A.S.
PC	13	REDSPICE PEAR	PIRUS CALLERYANA 'REDSPICE'	2 1/2" CAL. B&B	A.S.
S	6	JAPANESE TREE LILAC	SYRINGA PEKINENSIS	2 1/2" CAL. B&B	A.S.
EVERGREEN TREES					
PA	39	NORWEX SPRUCE	PICEA ABIES	6' HT. B&B	A.S.
PO	27	SERBIAN SPRUCE	PICEA OMORICA	6' HT. B&B	A.S.
TD	4	COMMON BALDYPRESS	TAXODIUM DISTICHUM	5' HT. B&B	A.S.
DECIDUOUS SHRUBS					
BF	26	BRONX FORSYTHIA	FORSYTHIA VIRIDISSIMA 'BRONXENSIS'	36" SP. #3 CONT.	A.S.
WF	8	WINE & ROSES WEIGELA	WEIGELA FLORIDA 'ALEXANDRA'	3-5' SP. #5 CONT.	A.S.
ES	11	SPARKLE & GOLD EUONYMUS	EUONYMUS F. 'SPARGOZAM'	6' SP. #3 CONT.	A.S.
BT	29	BARBERRY 'CRIMSON PYGMY'	BERBERIS THUNBERGII	36" SP. #5 CONT.	A.S.
PF	10	POTENTILLA 'MCKAY'S WHITE'	POTENTILLA FRUTICOSA	36" SP. #3 CONT.	A.S.
RA	48	ALPINE CURRANT	RIBES ALPINUM 'ALPINE CURRANT'	5' SP. #5 CONT.	A.S.
SB	24	SPIREA 'ANTHONY WATERER'	SPIRAEA X BUMALDA	#3 CONT.	A.S.
EVERGREEN SHRUBS					
IC	12	GREEN LUSTER HOLLY	ILEX CRENATA 'GREEN LUSTER'	#3 CONT.	A.S.
JS	48	BROADMOOR JUNIPER	JUNIPERUS SABINA 'BROADMOOR'	18" SP. #5 CONT.	A.S.
TM	32	DENSE SPREADING YEW	TAXUS M. DENSIFORMIS	18" SP. B&B	A.S.

PA

PASSERO ASSOCIATES

Engineering • Architecture

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C 103 Grading & Erosion Control Plan

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C 202 Details

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Project Manager
Designed by

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Jess D. Sudol, P.E.
Carole Harvey

Revisions

No.	Date	By	Description
1	2/15/17	JS	PER TOWN PRC COMMENTS

PRELIMINARY AND FINAL LANDSCAPING PLAN

VETERANS HOUSING 5251 PARKSIDE DRIVE

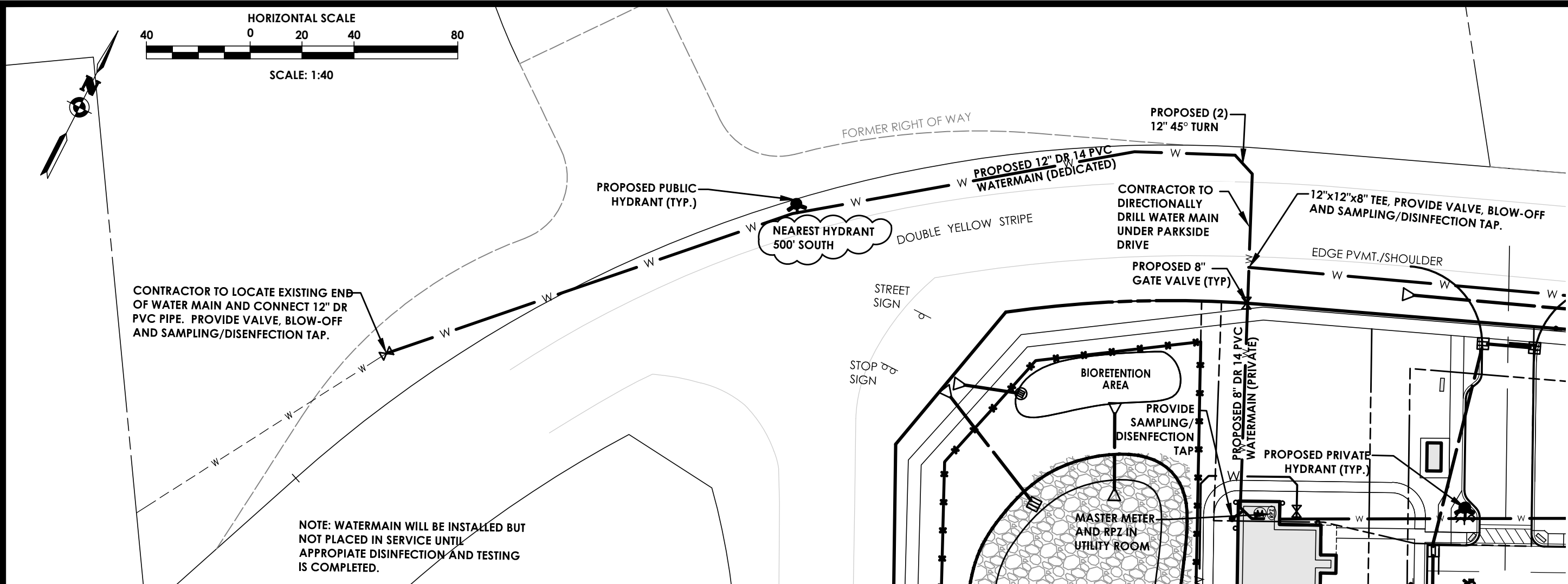
Town/City Canandaigua, Ontario County, New York

Project No. 20121547.01

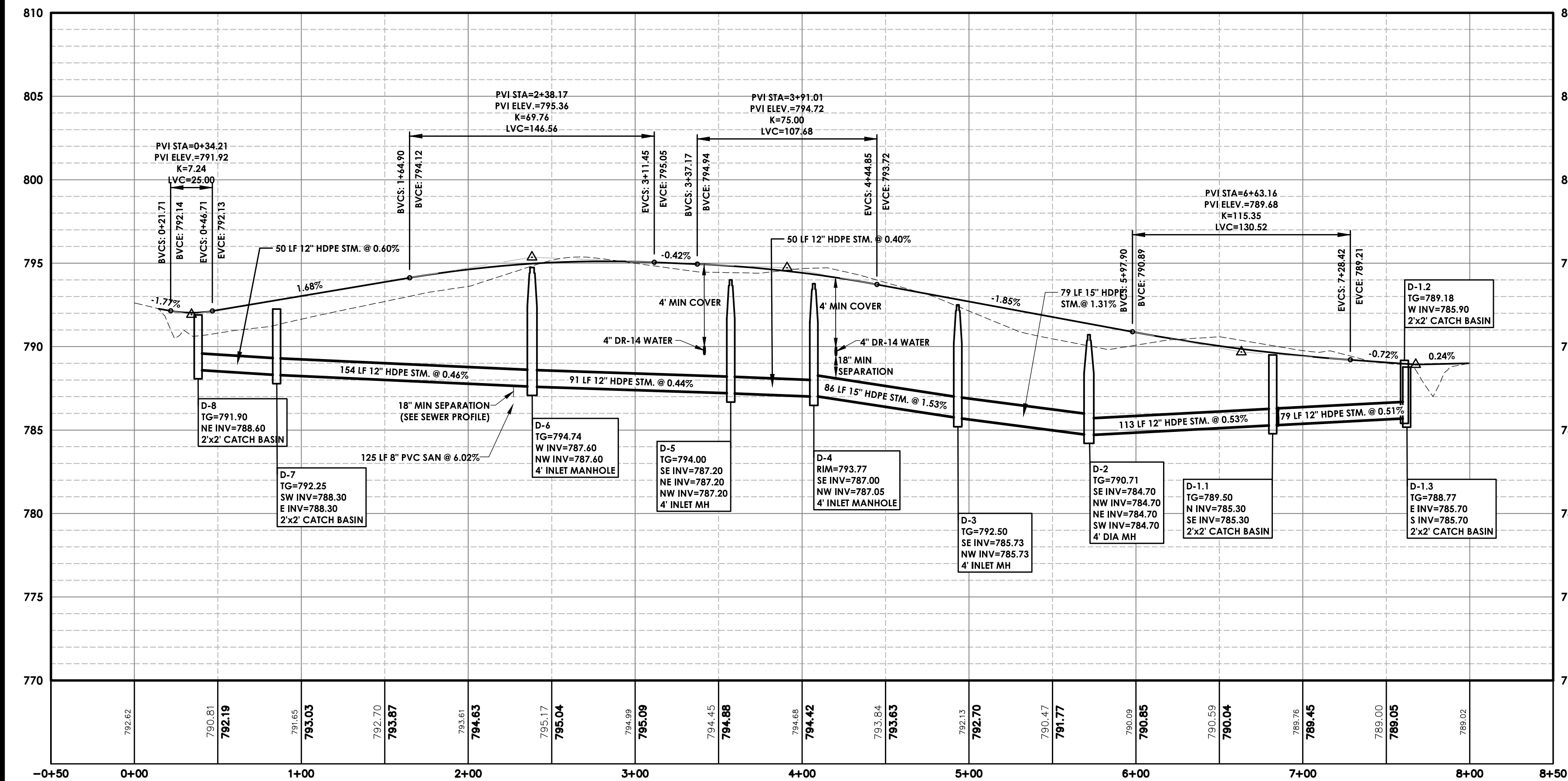
Drawing No. C-104 Sheet No. 5

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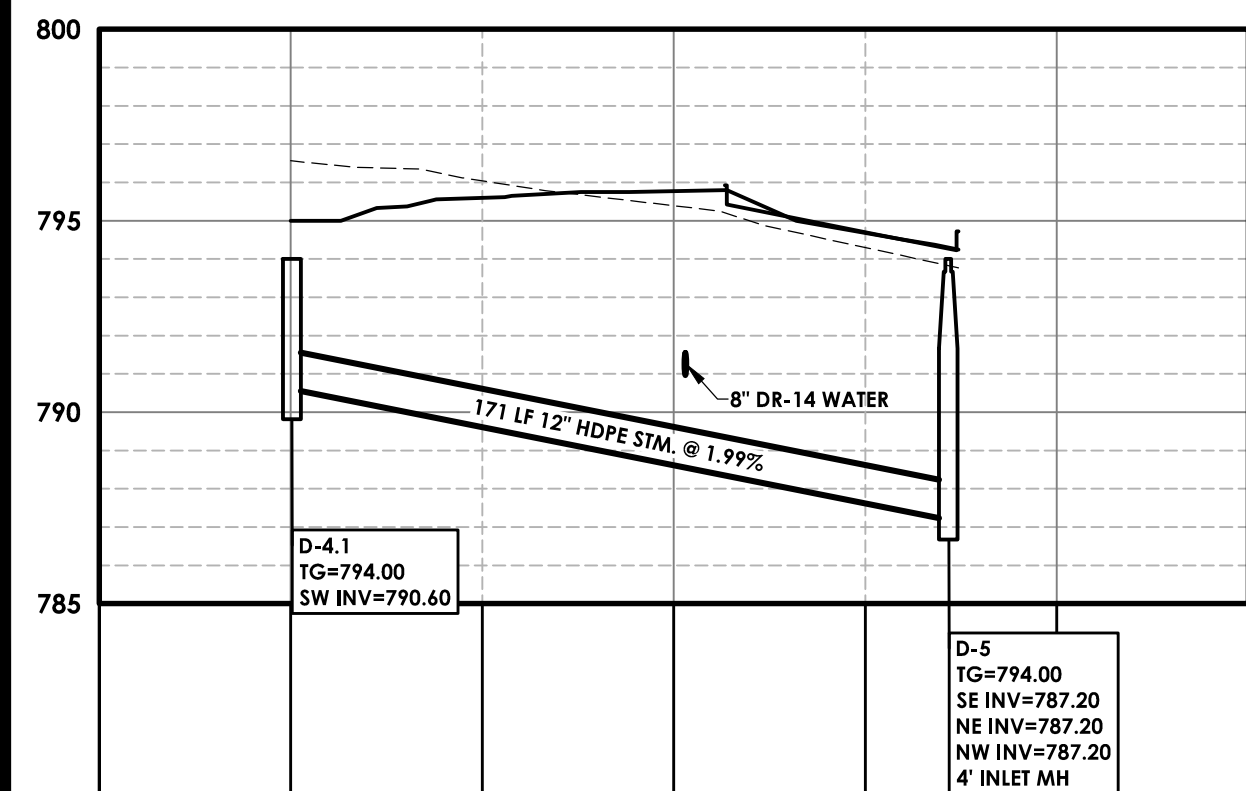
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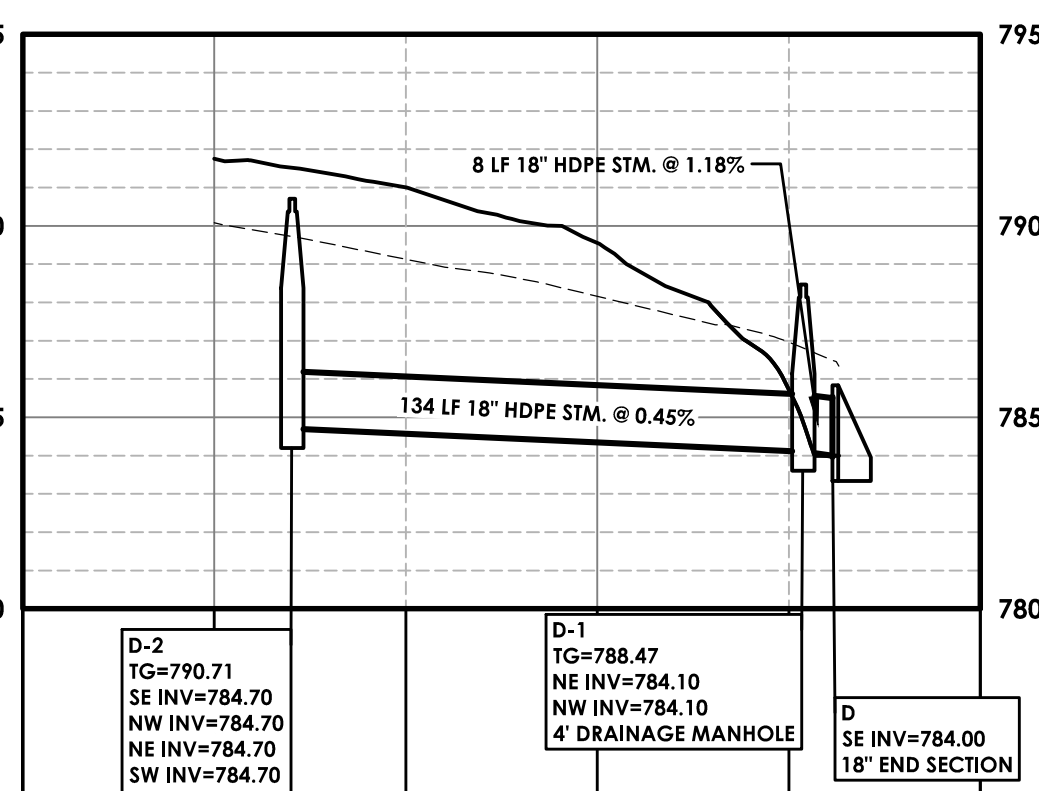
WATER MAIN CONNECTION
SCALE: 1"=40'



MAIN DRIVEWAY PROFILE
SCALE: HORIZONTAL - 1" = 50'
VERTICAL - 1" = 5'

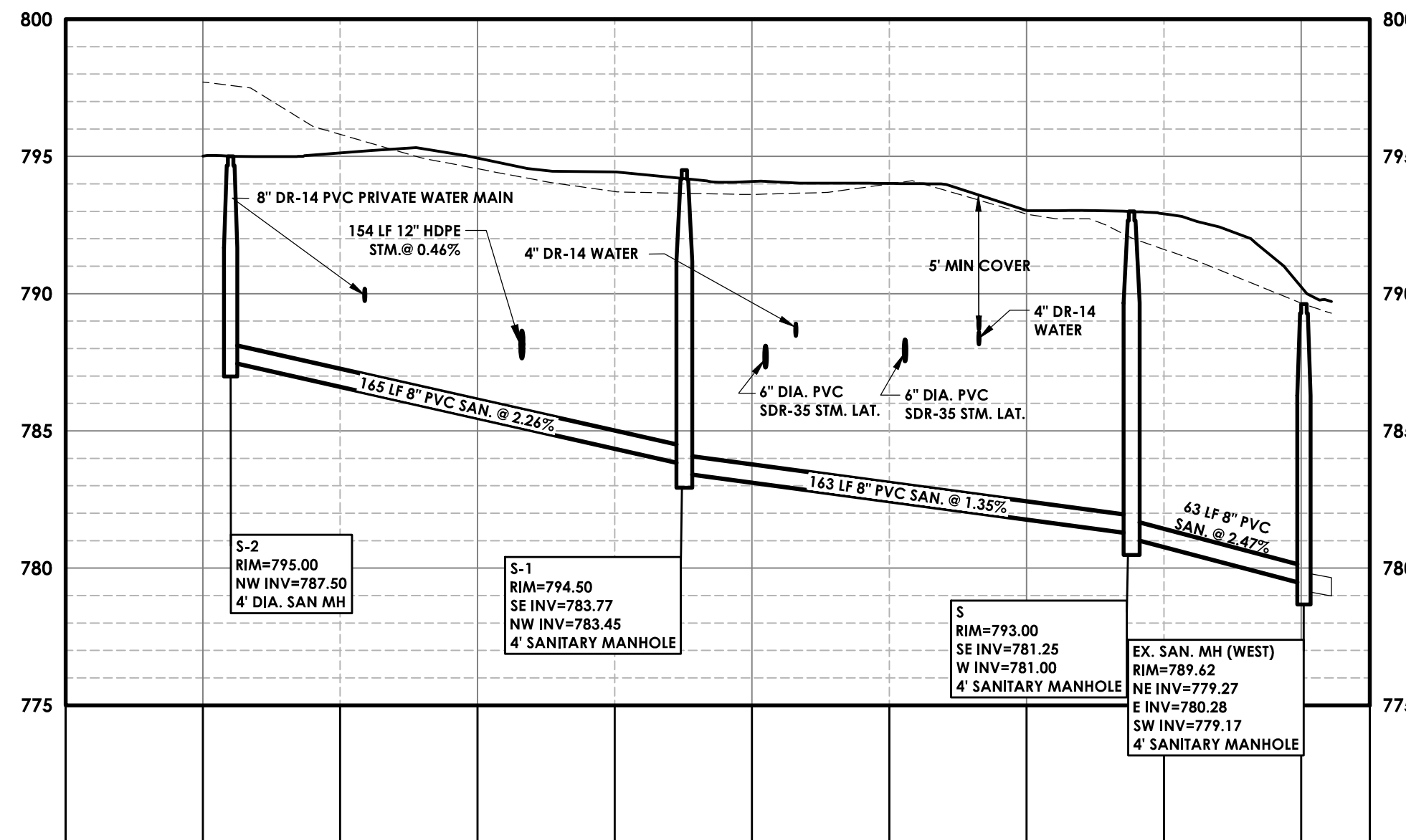
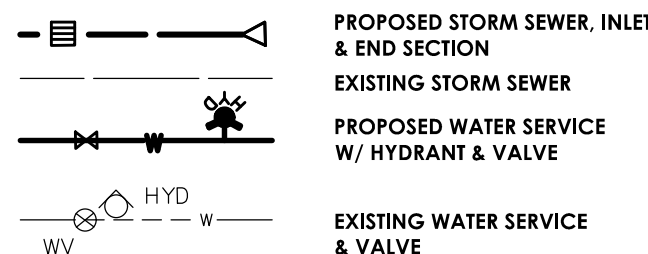


D-4.1-D-4 PROFILE
SCALE: HORIZONTAL - 1" = 50'
VERTICAL - 1" = 5'

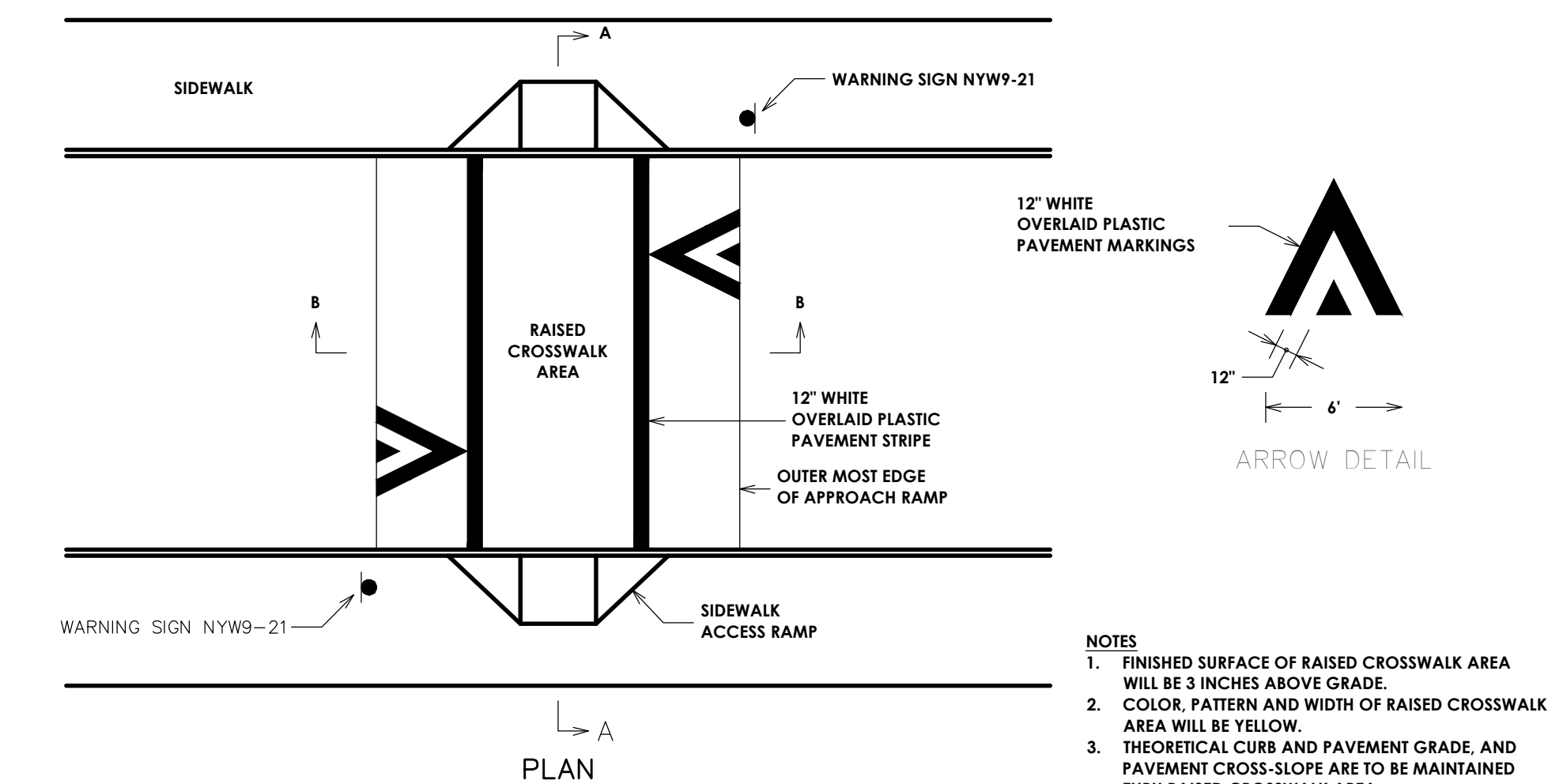


D-2-D-1 PROFILE
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VERTICAL - 1" = 5'

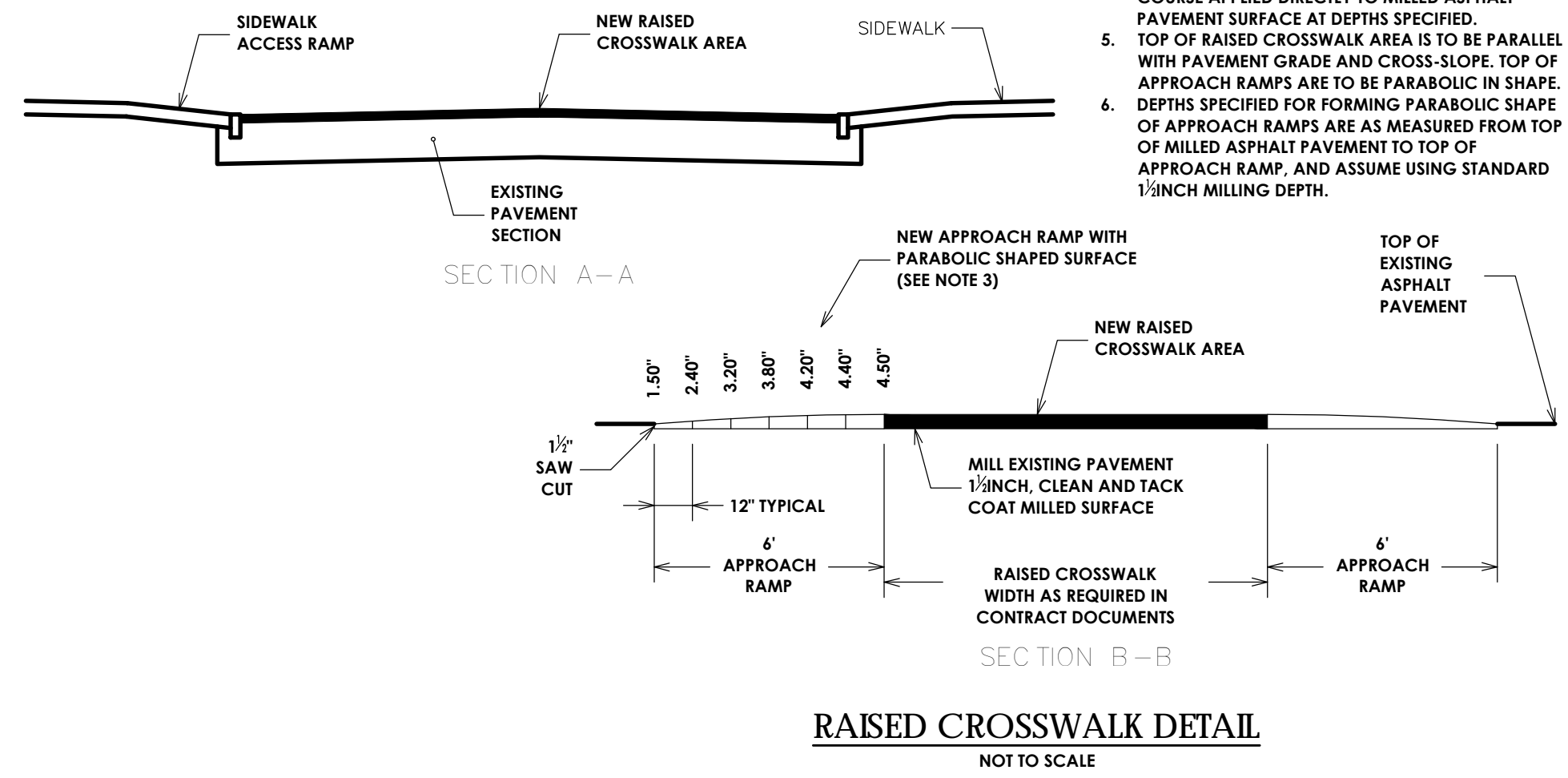
PROFILES LEGEND:



SANITARY SEWER PROFILE
SCALE: HORIZONTAL - 1" = 50'
VERTICAL - 1" = 5'



- NOTES**
1. FINISHED SURFACE OF RAISED CROSSWALK AREA WILL BE 3 INCHES ABOVE GRADE.
 2. COLOR, PATTERN AND WIDTH OF RAISED CROSSWALK AREA WILL BE YELLOW.
 3. THEORETICAL CURB AND PAVEMENT GRADE, AND PAVEMENT CROSS-SLOPE ARE TO BE MAINTAINED THRU RAISED CROSSWALK AREA.
 4. RAISED CROSSWALK CONSISTS OF AN ASPHALT TOP COURSE APPLIED DIRECTLY TO MILLED ASPHALT PAVEMENT SURFACE AT DEPTHS SPECIFIED.
 5. TOP OF RAISED CROSSWALK AREA IS TO BE PARALLEL WITH PAVEMENT GRADE AND CROSS-SLOPE. TOP OF APPROACH RAMPS ARE TO BE PARABOLIC IN SHAPE. DEPTHS SPECIFIED FOR FORMING PARABOLIC SHAPE OF APPROACH RAMPS ARE AS MEASURED FROM TOP OF MILLED ASPHALT PAVEMENT TO TOP OF APPROACH RAMP, AND ASSUME USING STANDARD 1/2 INCH MILLING DEPTH.



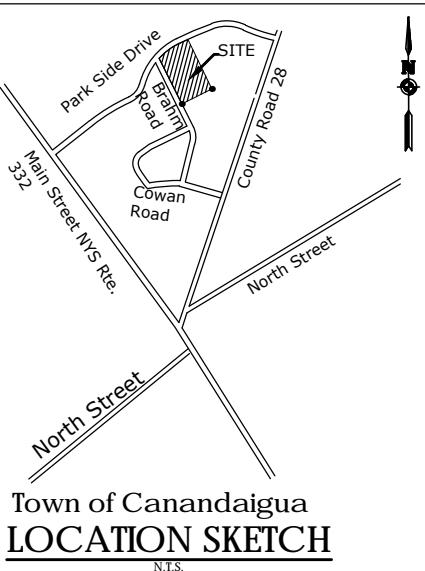
RAISED CROSSWALK DETAIL
NOT TO SCALE

LEGEND:



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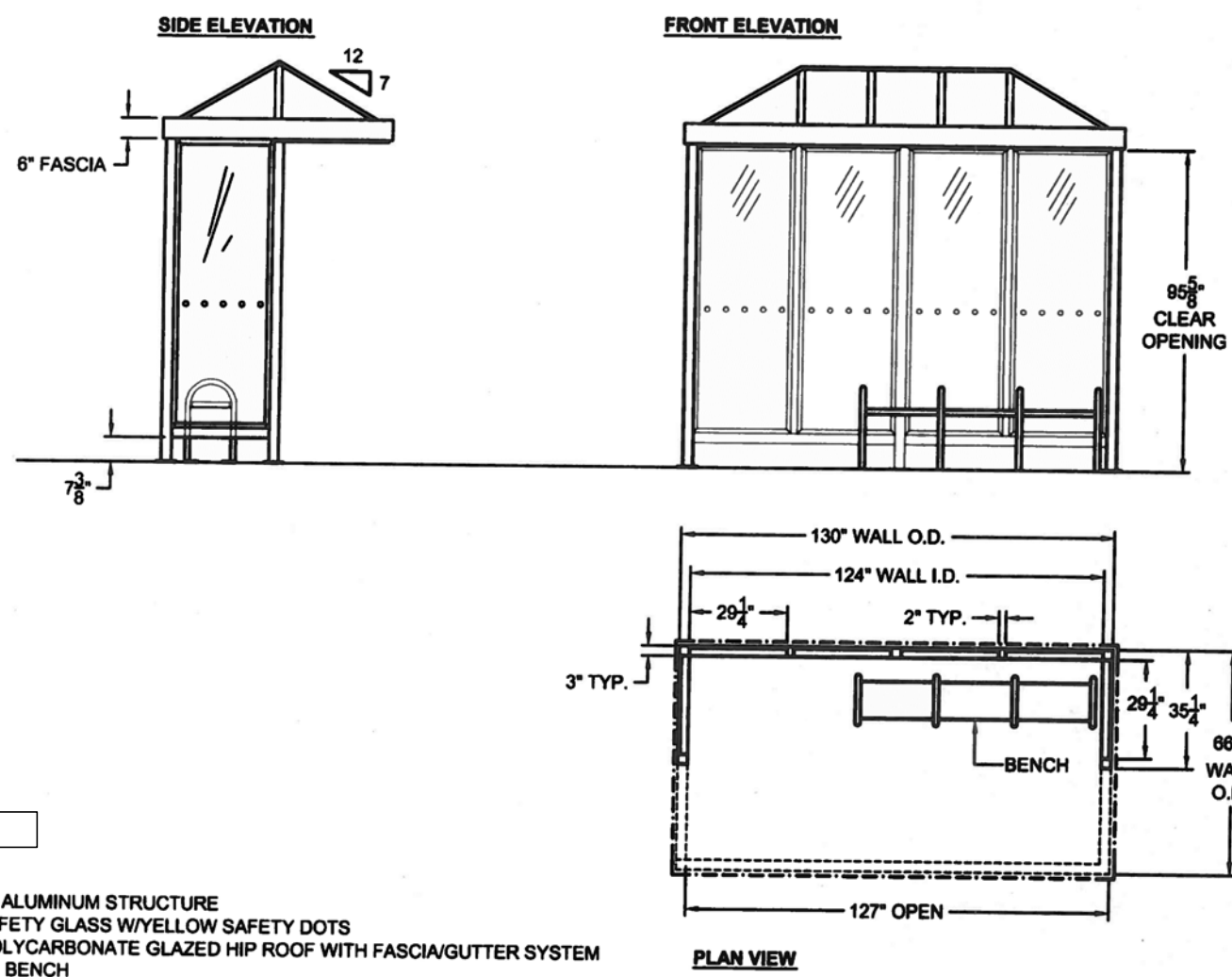


Revisions				
No.	Date	By	Description	
1	2/15/17	JS	PER TOWN PRC COMMENTS	

PRELIMINARY AND FINAL PROFILES

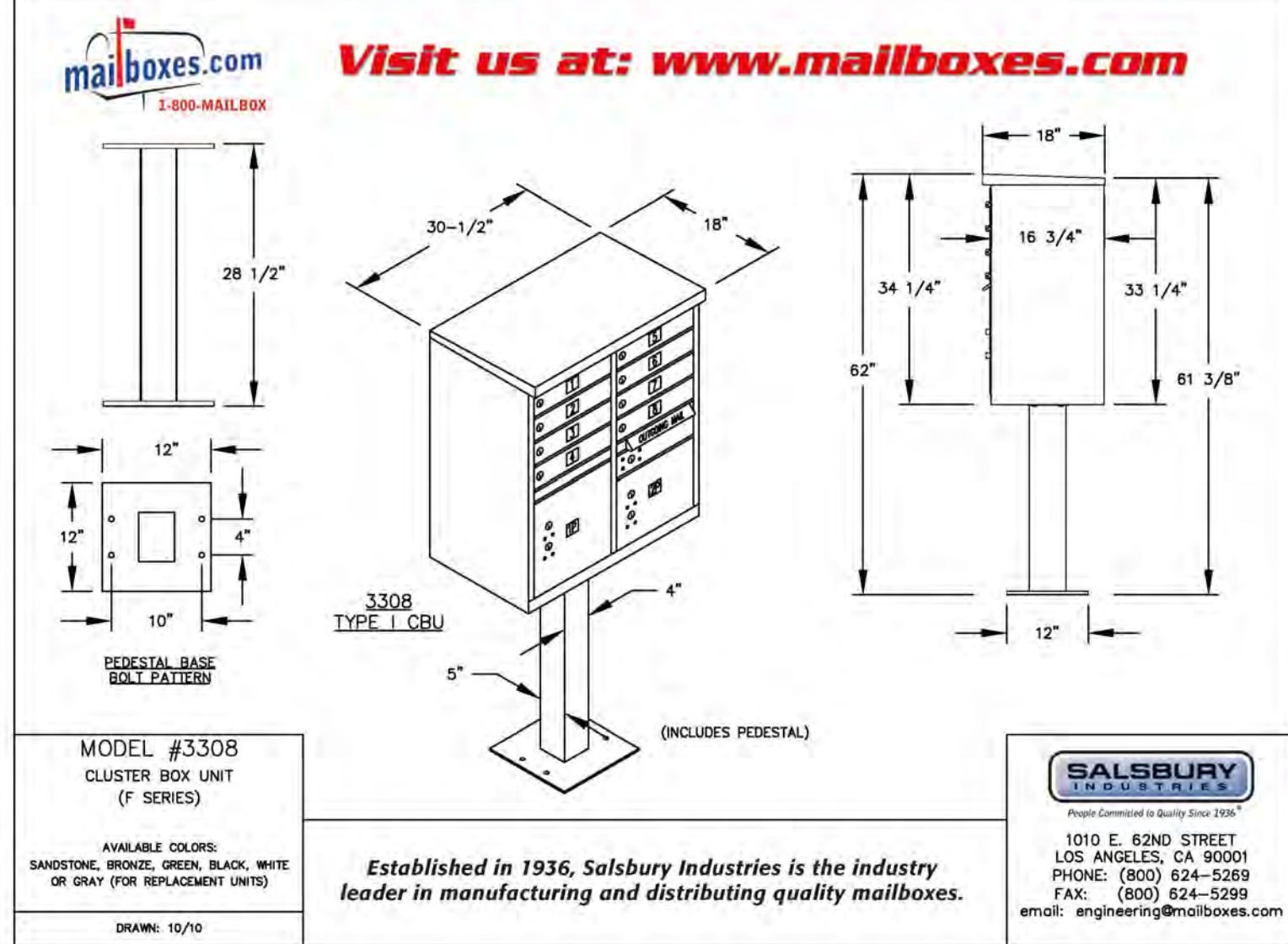
VETERANS HOUSING
5251 PARKSIDE DRIVE

Town/City Canandaigua, Ontario County, New York
Project No.
20121547.01
Drawing No.
C-105
Sheet No.
6
Scale:
AS NOTED
Date
FEBRUARY 2016

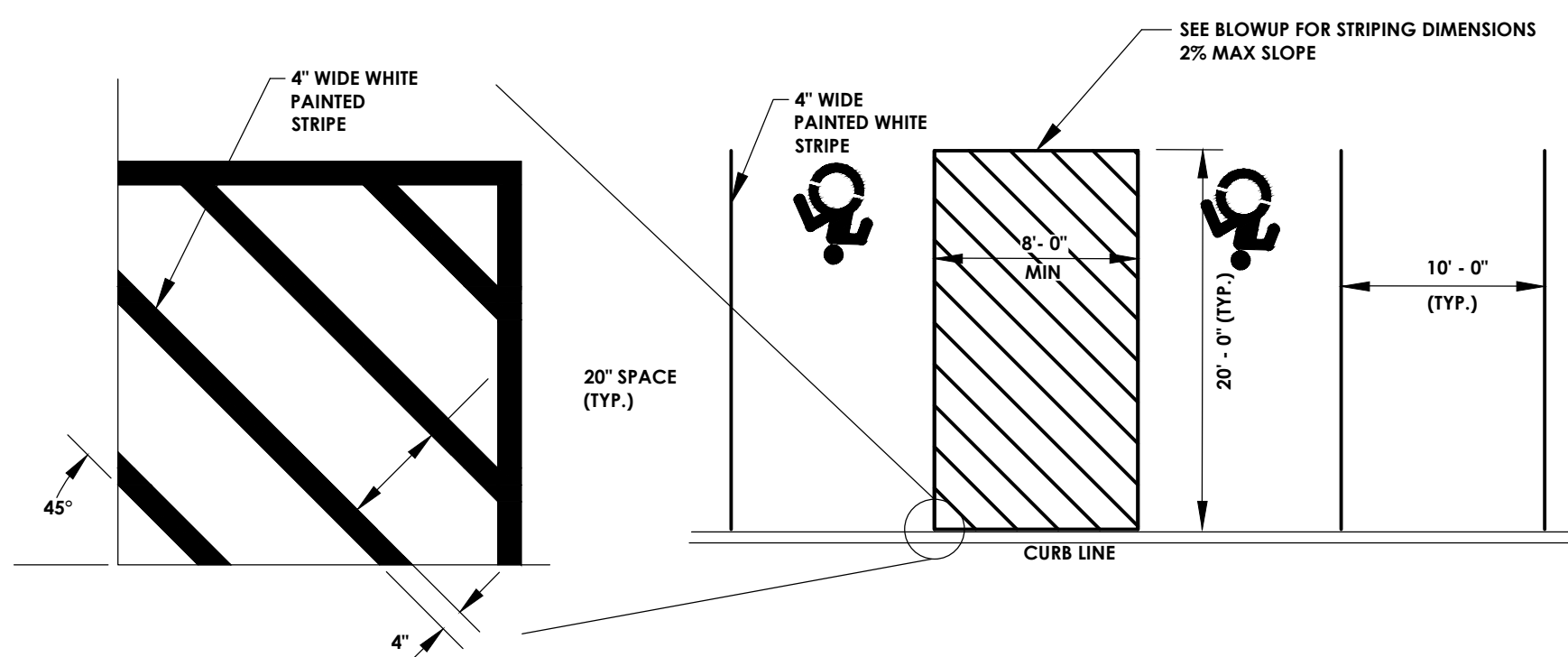


SPECIFICATIONS:
 - DARK BRONZE ANODIZED ALUMINUM STRUCTURE
 - 3/8" CLEAR TEMPERED SAFETY GLASS W/ YELLOW SAFETY DOTS
 - BRONZE STRUCTURED POLYCARBONATE GLAZED HIP ROOF WITH FASCIA/GUTTER SYSTEM
 - 6" CURVILINE GRAY HOPE BENCH

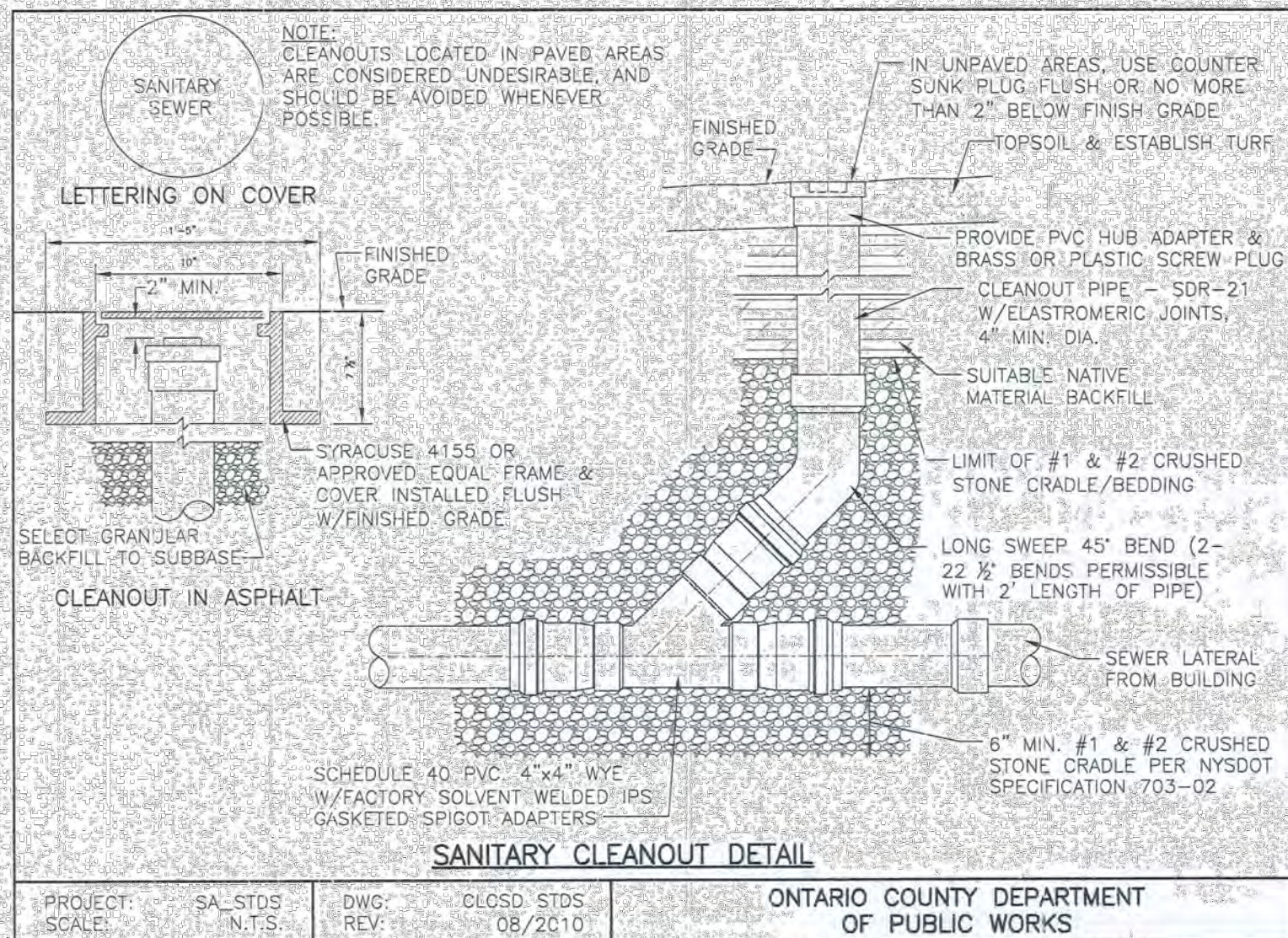
BUS SHELTER DETAIL
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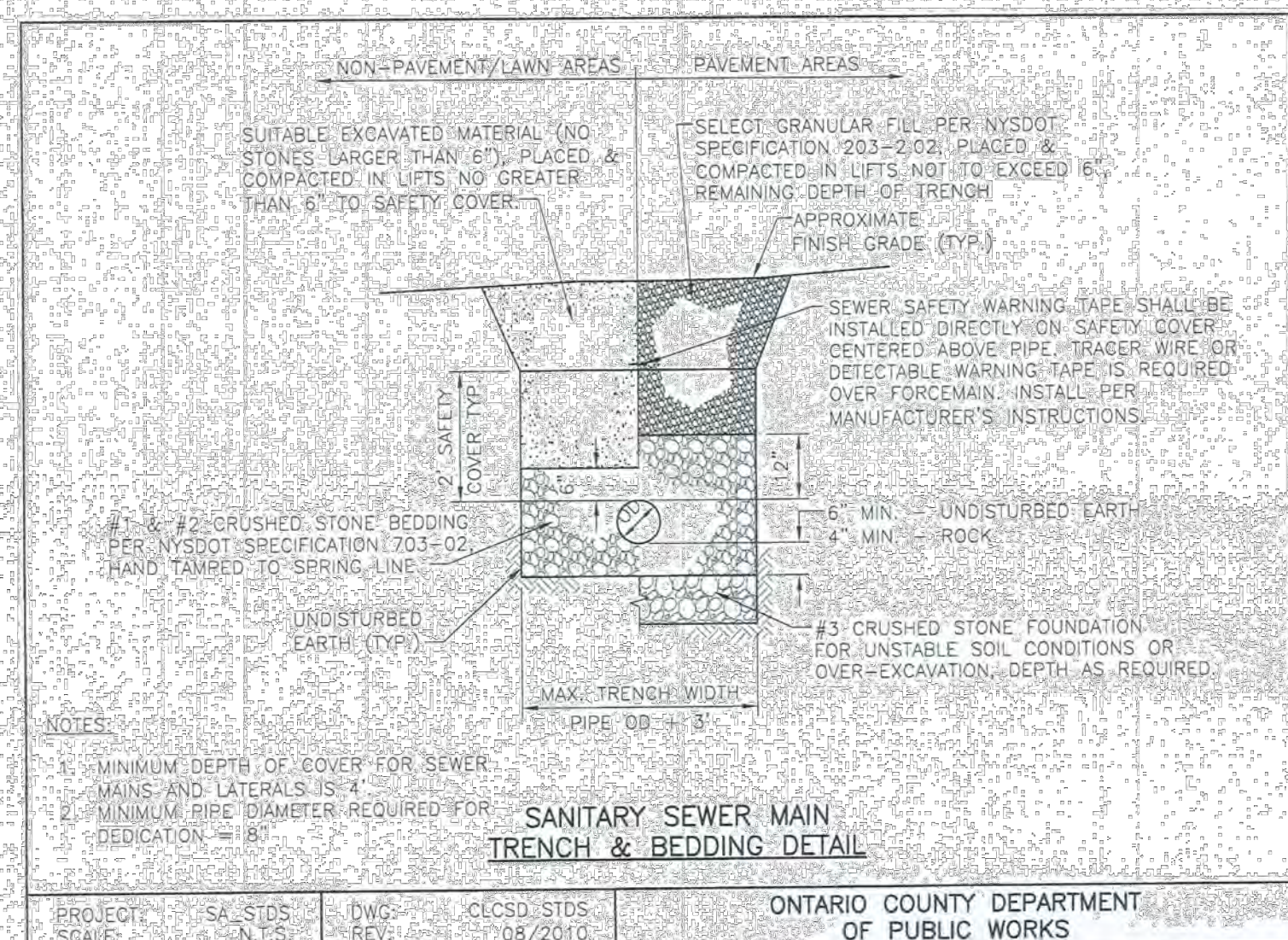
MAILBOX CLUSTER
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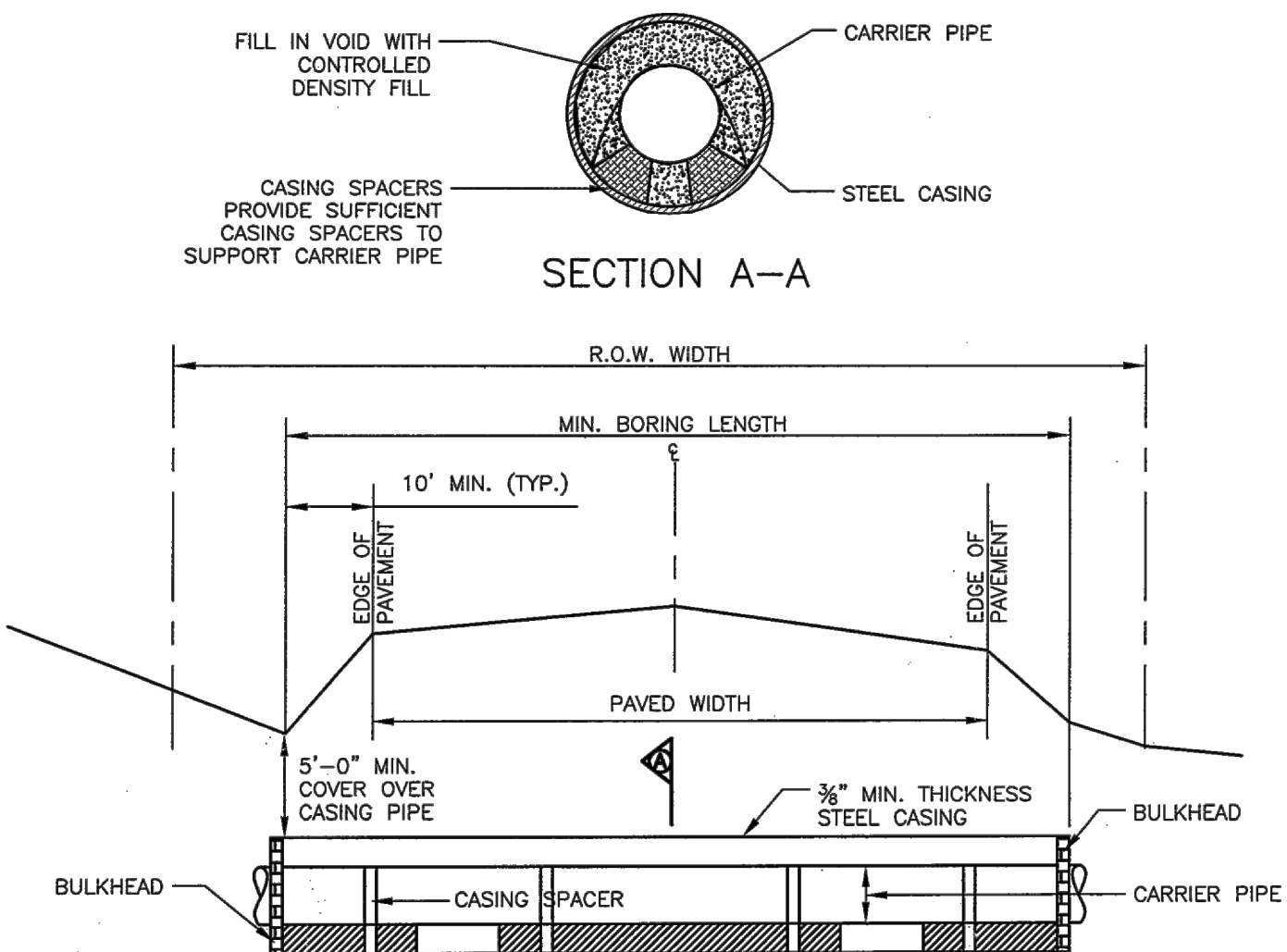
TYPICAL HANDICAP PARKING PAVEMENT LAYOUT
 N.T.S.



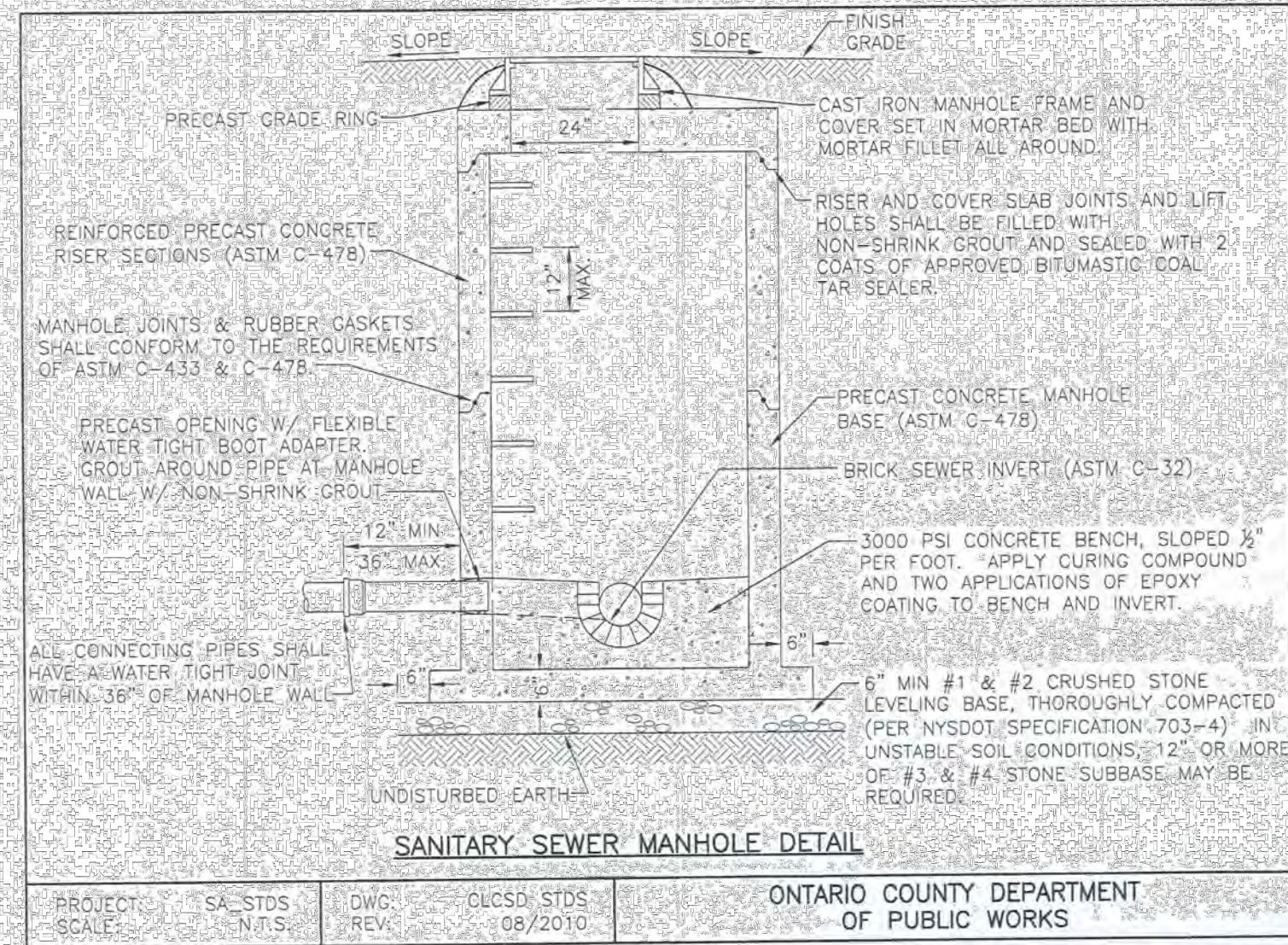
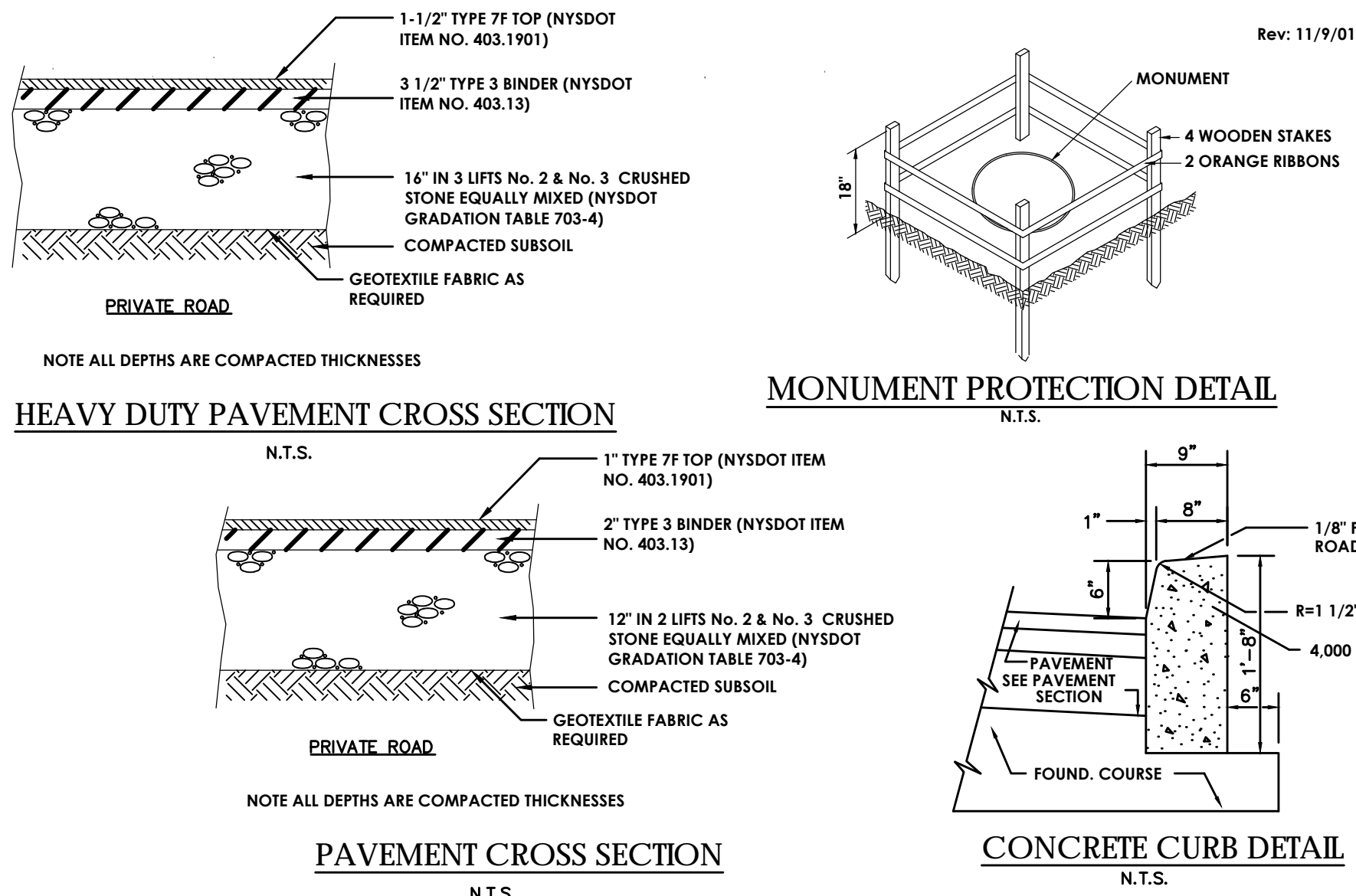
SANITARY CLEANOUT DETAIL
 PROJECT: SA STDS DWG: CLOSD STDS ONTARIO COUNTY DEPARTMENT OF PUBLIC WORKS
 SCALE: N.T.S. REV: 08/2010



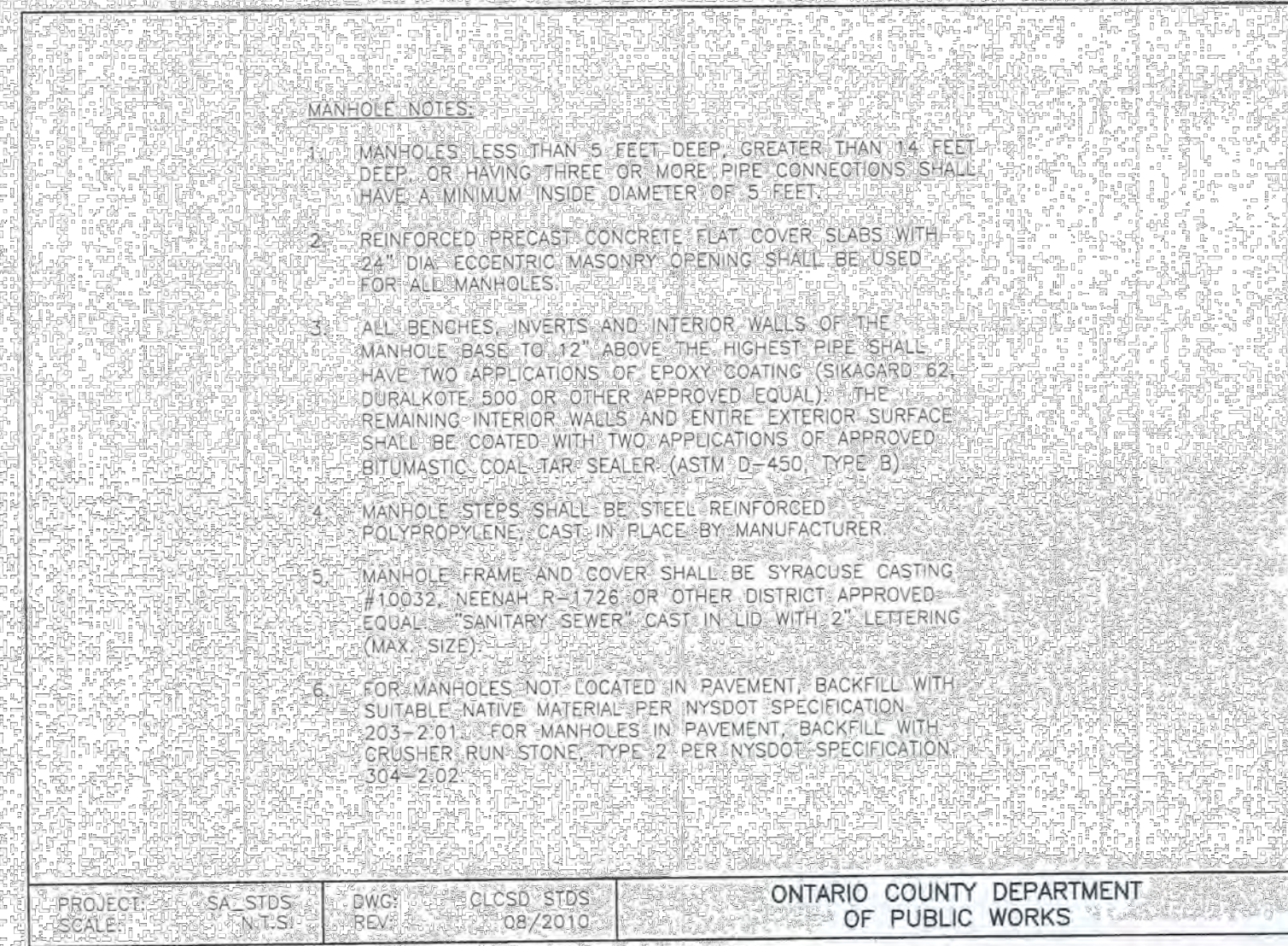
SANITARY SEWER MAIN TRENCH & BEDDING DETAIL
 PROJECT: SA STDS DWG: CLOSD STDS ONTARIO COUNTY DEPARTMENT OF PUBLIC WORKS
 SCALE: N.T.S. REV: 08/2010



BORING AND CASING DETAIL
 NOTES:
 1. WATER MAIN CARRIER PIPES SHALL HAVE POSITIVE AXIAL JOINT RESTRAINT.
 PROJECT: OCDPW.STD DWG: HW_BORE ONTARIO COUNTY DEPARTMENT OF PUBLIC WORKS
 SCALE: N.T.S. REV: 12.31.02



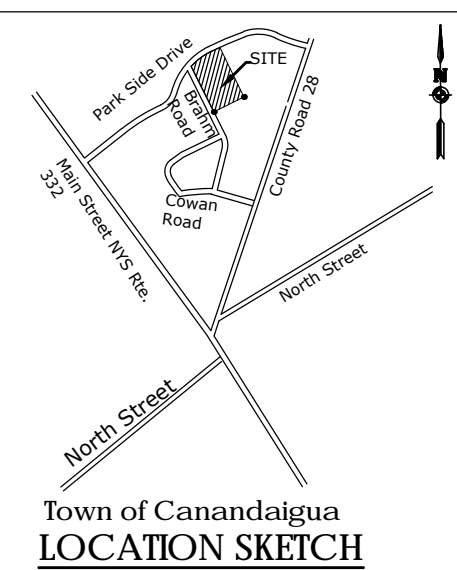
SANITARY SEWER MANHOLE DETAIL
 PROJECT: SA STDS DWG: CLOSD STDS ONTARIO COUNTY DEPARTMENT OF PUBLIC WORKS
 SCALE: N.T.S. REV: 08/2010



MANHOLE NOTES
 PROJECT: SA STDS DWG: CLOSD STDS ONTARIO COUNTY DEPARTMENT OF PUBLIC WORKS
 SCALE: N.T.S. REV: 08/2010

Drawing Index

C 100	Cover
C 101	Site Plan
C 102	Utility Plan
C 103	Grading & Erosion Control Plan
C 104	Landscaping & Lighting Plan
C105	Profiles
C 200	Details
C 201	Details
C 202	Details



Client:
FINGER LAKES COMMUNITY DEVELOPMENT
 41 Lewis Street
 P.O. Box 153
 Geneva, NY 14456
 Andrew Tyman (315)789-8010
Passero Associates
 100 Liberty Pole Way Rochester, New York 14604 (585) 325-1000 Fax: (585) 325-1691
 Principal-in-Charge John F. Caruso, P.E.
 Project Manager Jess D. Sudol, P.E.
 Designed by Carole Harvey

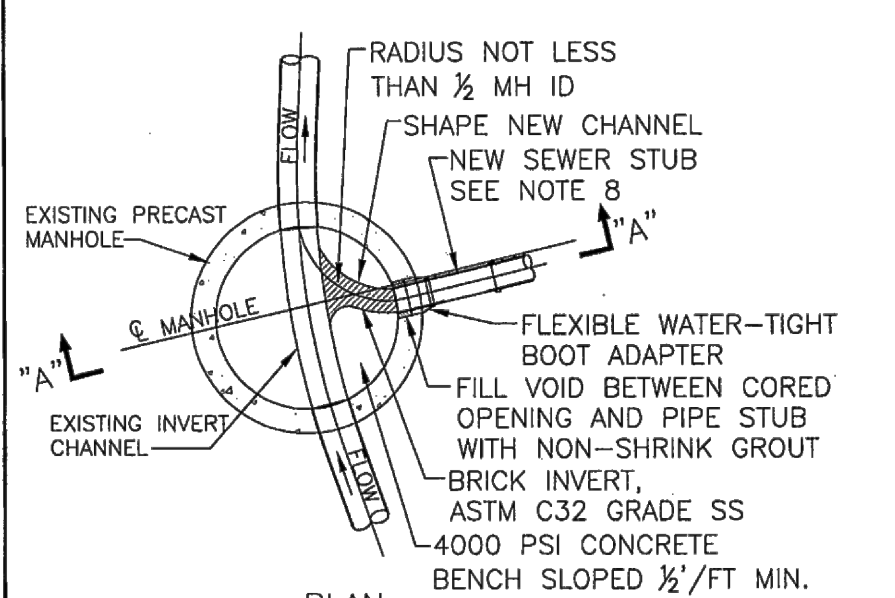
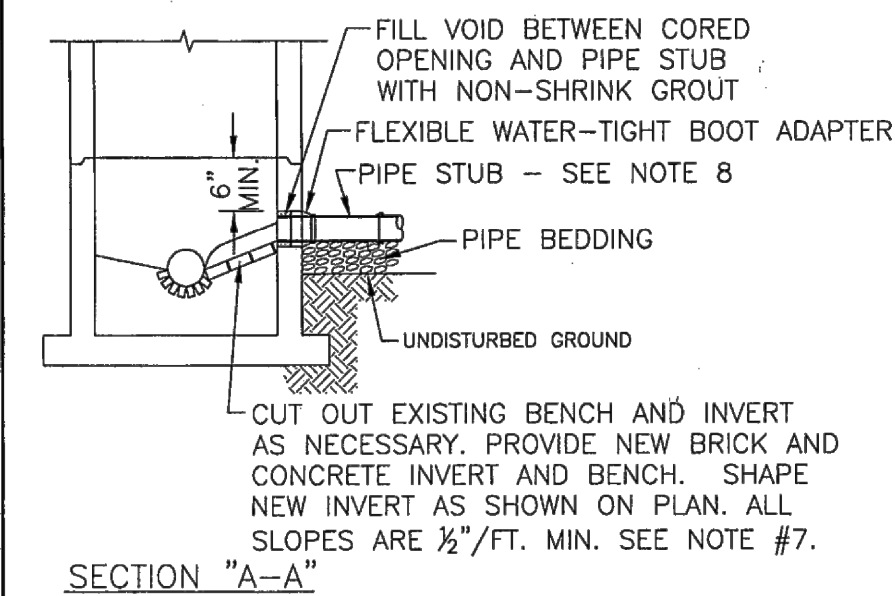


Revisions

No.	Date	By	Description
1	2/15/17	JS	PER TOWN PRC COMMENTS

FINAL DETAILS
VETERANS HOUSING
5251 PARKSIDE DRIVE

Town/City Canandaigua, Ontario County, New York
 Project No. **20121547.01**
 Drawing No. **C-201** Sheet No. **8**
 Scale: **N.T.S.**
 Date **FEBRUARY 2016**



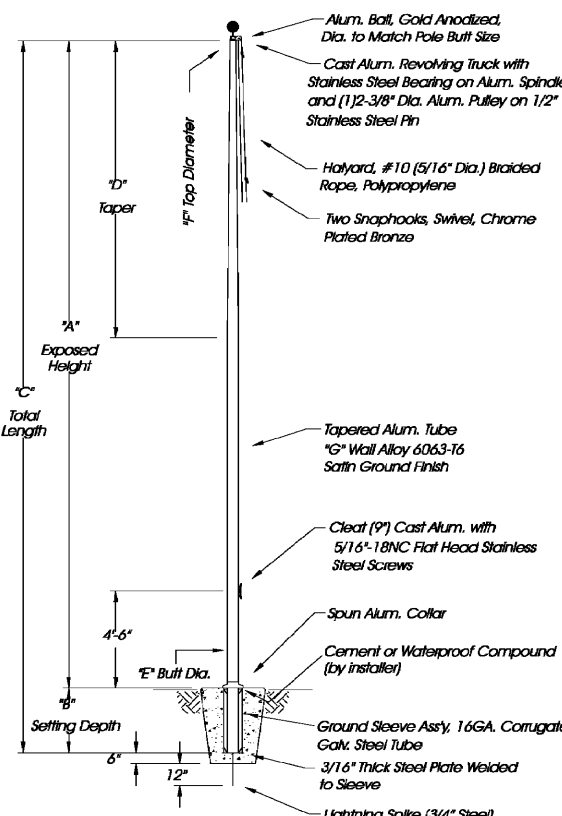
PROJECT: SA_STDS DWG: CLCSD STDS
SCALE: N.T.S. REV: 07/2010

NOTES:

- THE DISTRICT MUST BE NOTIFIED 48 HRS. IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF CONNECTION.
- CONTRACTOR SHALL CORE A NEW OPENING IF REQUIRED. NO IMPACT DEVICES WILL BE ALLOWED TO BE USED FOR MAKING NEW HOLES IN EXISTING MANHOLES.
- CORED OPENINGS IN MANHOLE RISER SECTIONS SHALL NOT BE LESS THAN 6" FROM A RISER JOINT.
- EXISTING MANHOLE STRUCTURE SHALL BE SUFFICIENTLY BRACED AND PROTECTED TO PREVENT ANY SHIFTING OR DAMAGE TO THE MANHOLE.
- THE CROWN OF THE NEW SEWER SHALL NOT BE CONSTRUCTED LOWER THAN THE CROWN OF THE EXISTING MAIN SEWER. THE INVERT OF THE NEW SEWER SHALL BE CONSTRUCTED AT LEAST 3" ABOVE THE EXISTING MAIN SEWER INVERT.
- THE ALIGNMENT OF THE NEW CONNECTION AT MANHOLE SHALL NOT EXCEED 100 DEGREES FROM THE EXISTING UPSTREAM SEWER.
- CONTRACTOR MUST COAT ALL DISTURBED AREAS OF MANHOLE WITH TWO (2) COATS OF SIKAGARD NO. 62 FOR INTERIOR OF BASE AND TWO (2) COATS OF SUPER SERVICE BLACK FOR ALL OTHER SURFACES.
- STUBS 1' MIN., 3' MAX. FROM OUTSIDE FACE.

NEW SEWER CONNECTION TO EXISTING MANHOLE

ONTARIO COUNTY DEPARTMENT OF PUBLIC WORKS



RTAFP

ROUND TAPERED ALUMINUM FLAG POLE
25' to 35' Mounting

Recommended Flag Size	Flag Dimensions
25'	4' x 8'
30'	5' x 8'
35'	5' x 8'

Recommended Fixture Wattage	Wattage
25'	175MH
30'	175MH
35'	175MH

Catalog No.	A	B	C	D	E	F	G
RTAFP 25 BA	25'	2'-6"	27'-6"	11'-0"	5'	3'	125'
RTAFP 30 BA	30'	2'-6"	27'-6"	11'-0"	5'	3'	125'
RTAFP 35 BA	35'	2'-6"	27'-6"	11'-0"	5'	3'	125'

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it in the appropriate blank.

Example: RTAFP 25 BA

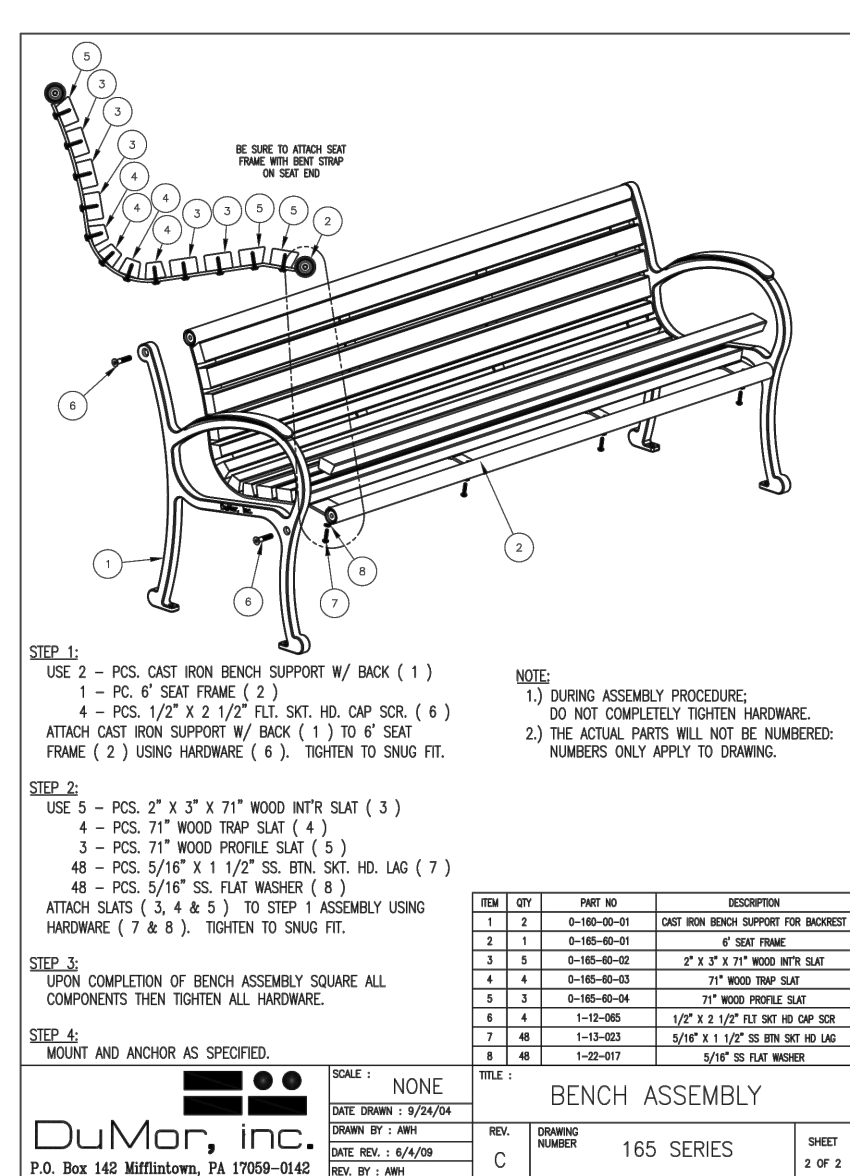
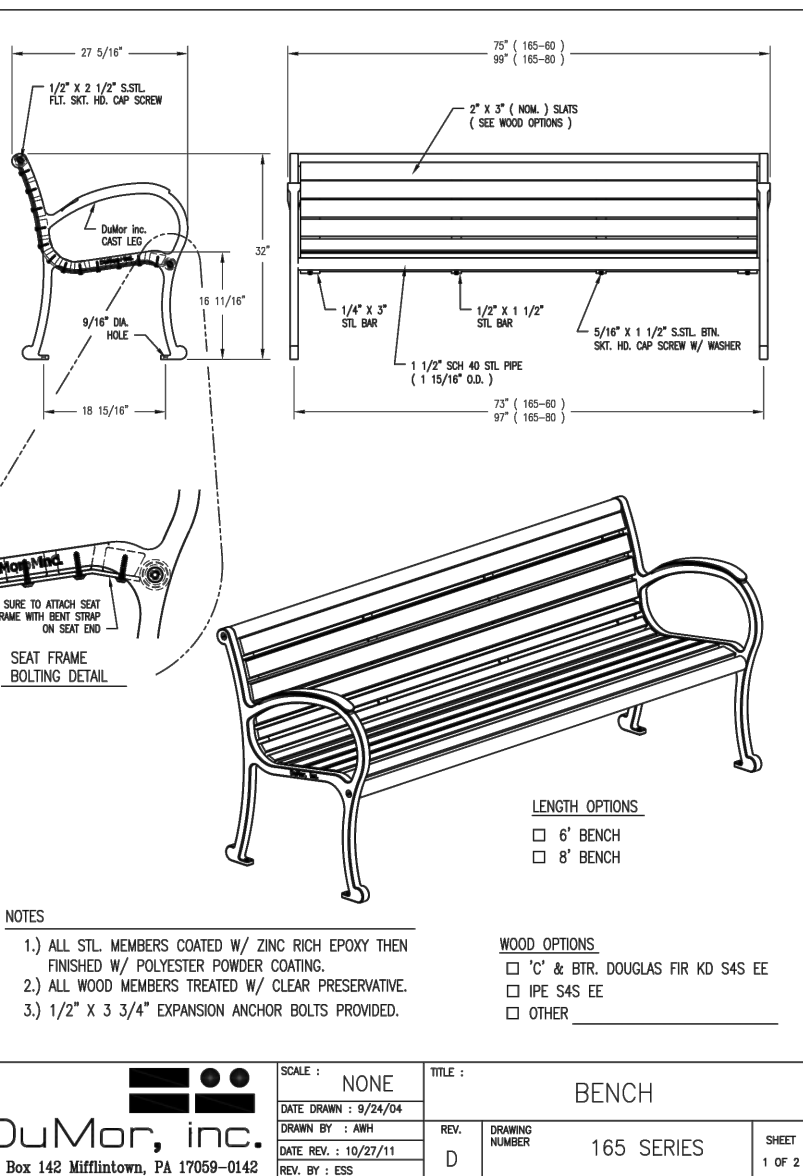
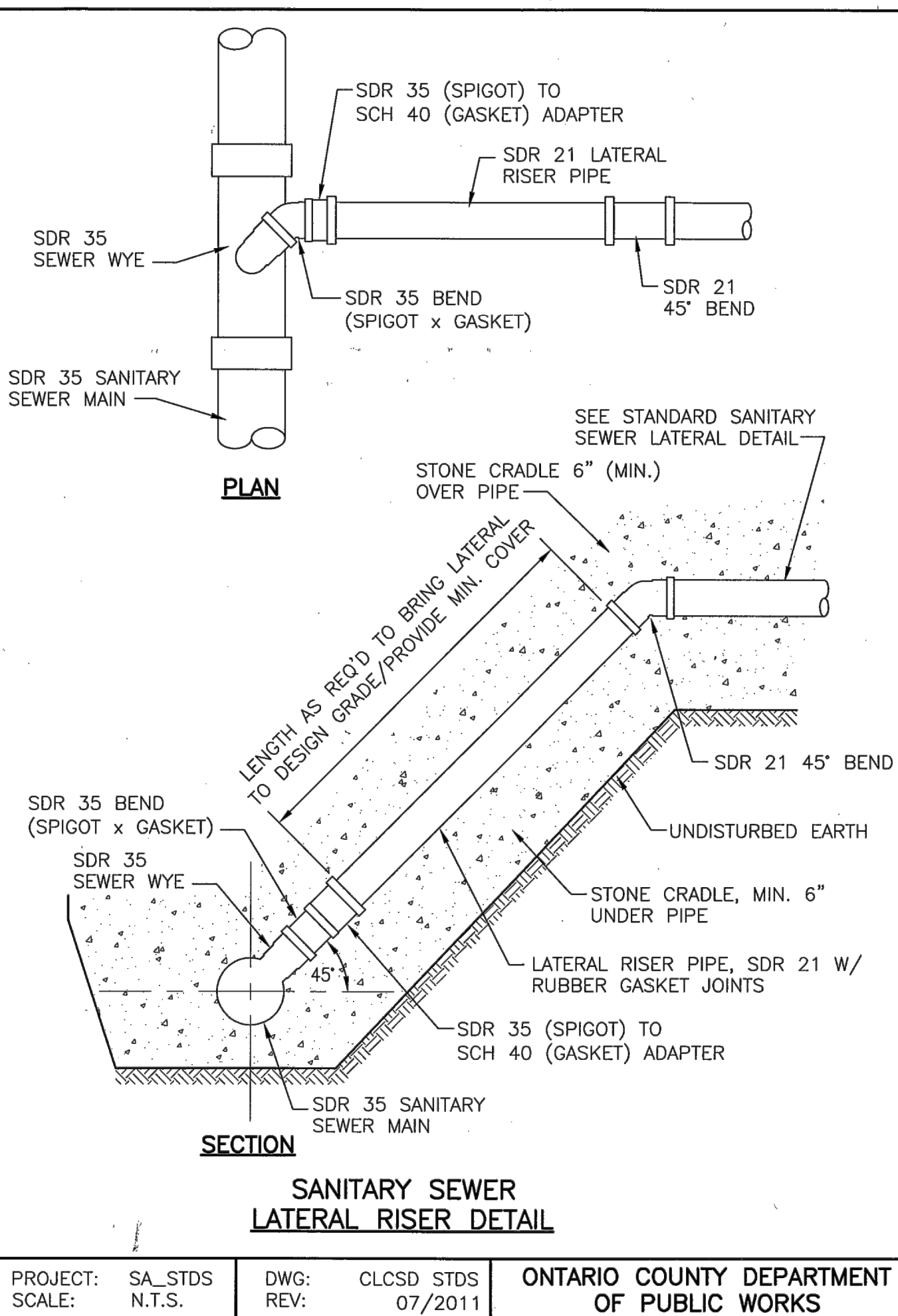
RTAFP	BA
Shaft type	Finish
RTAFP	BA
Nominal mounting height (feet)	Brushed aluminum (standard)
25	
30	
35	

IMPORTANT:
Consult factory for other pole sizes

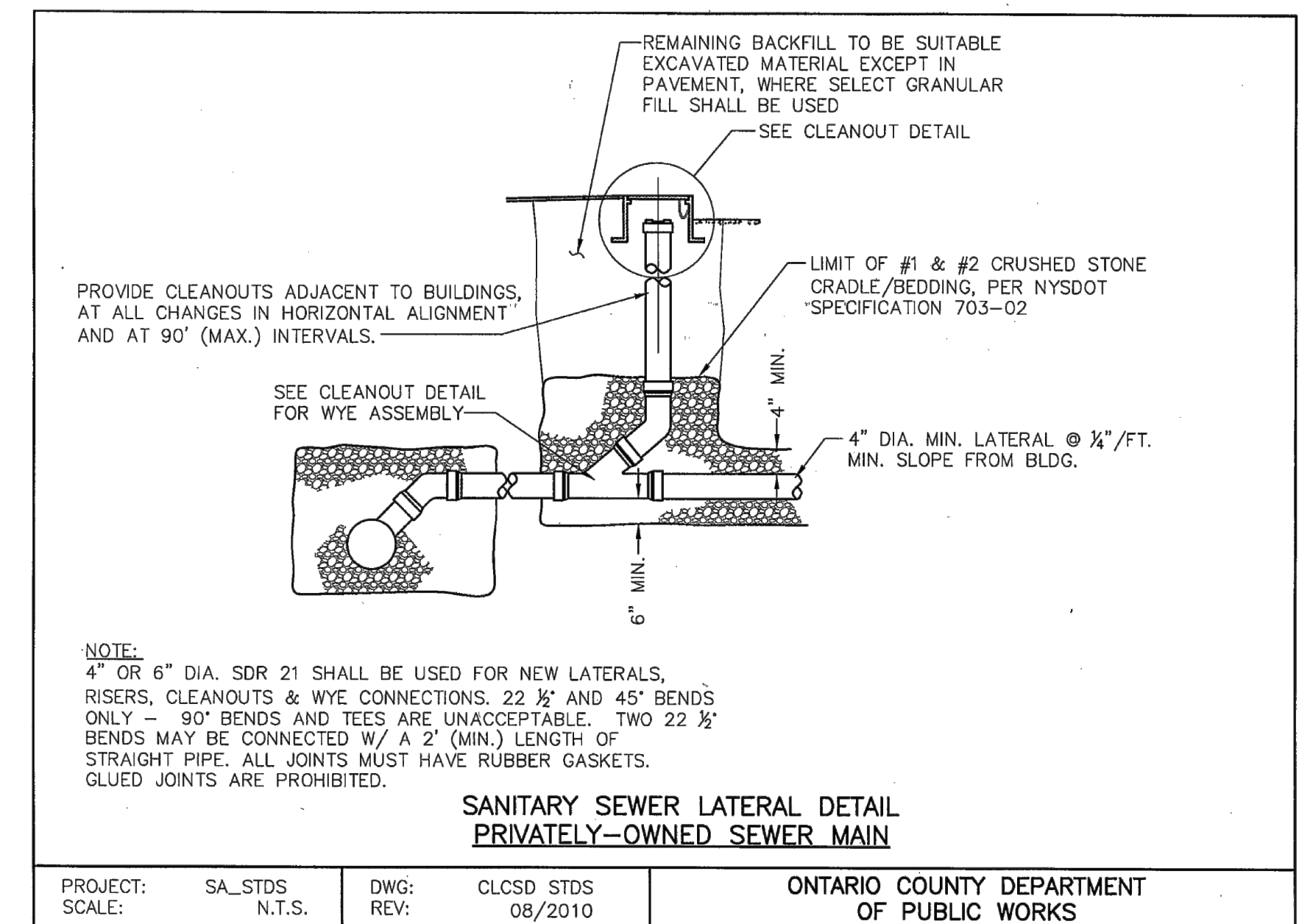
OUTDOOR

FLAG POLE

OUTDOOR FLAG POLE DETAIL N.T.S.

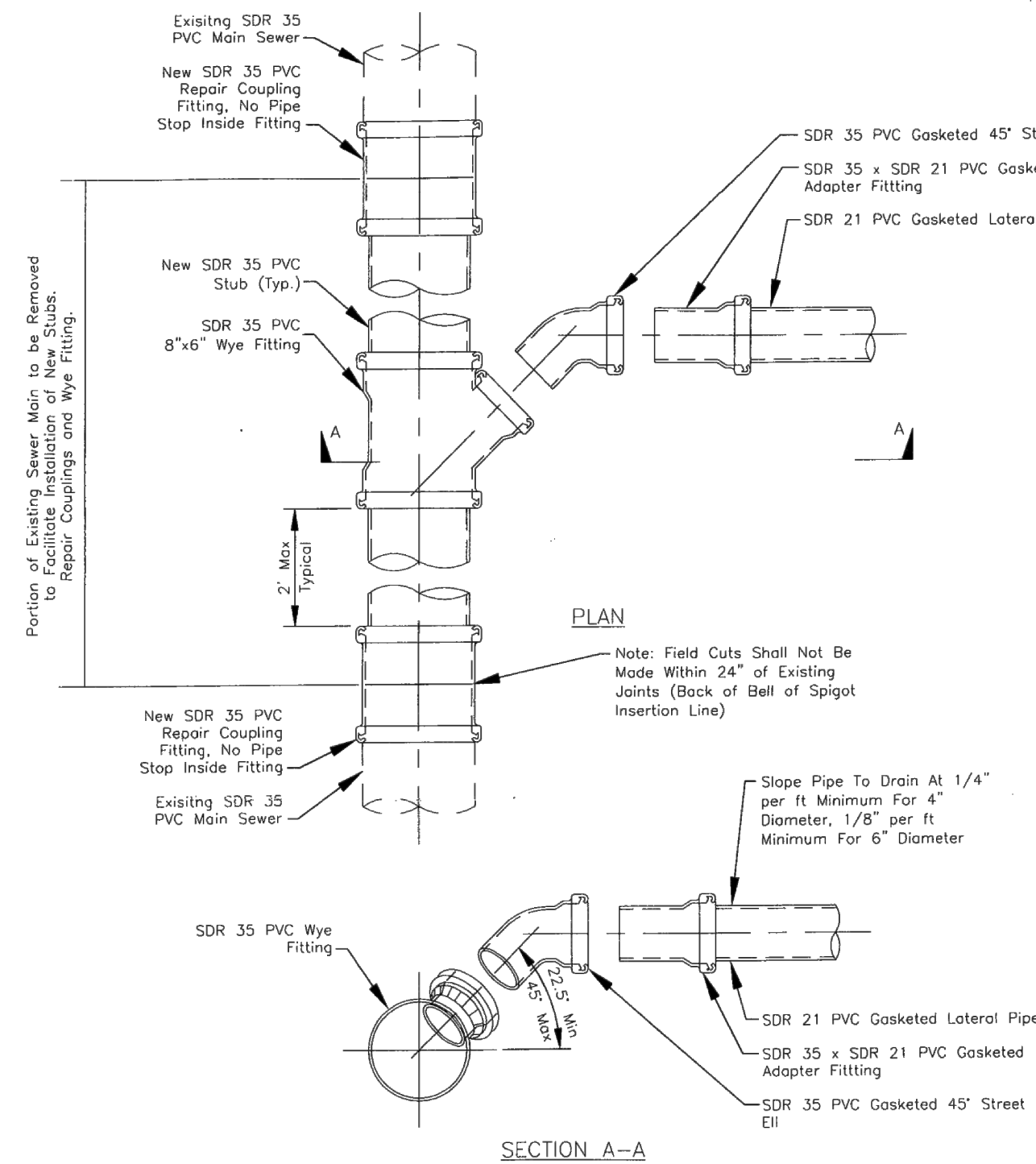


BENCH DETAIL N.T.S.



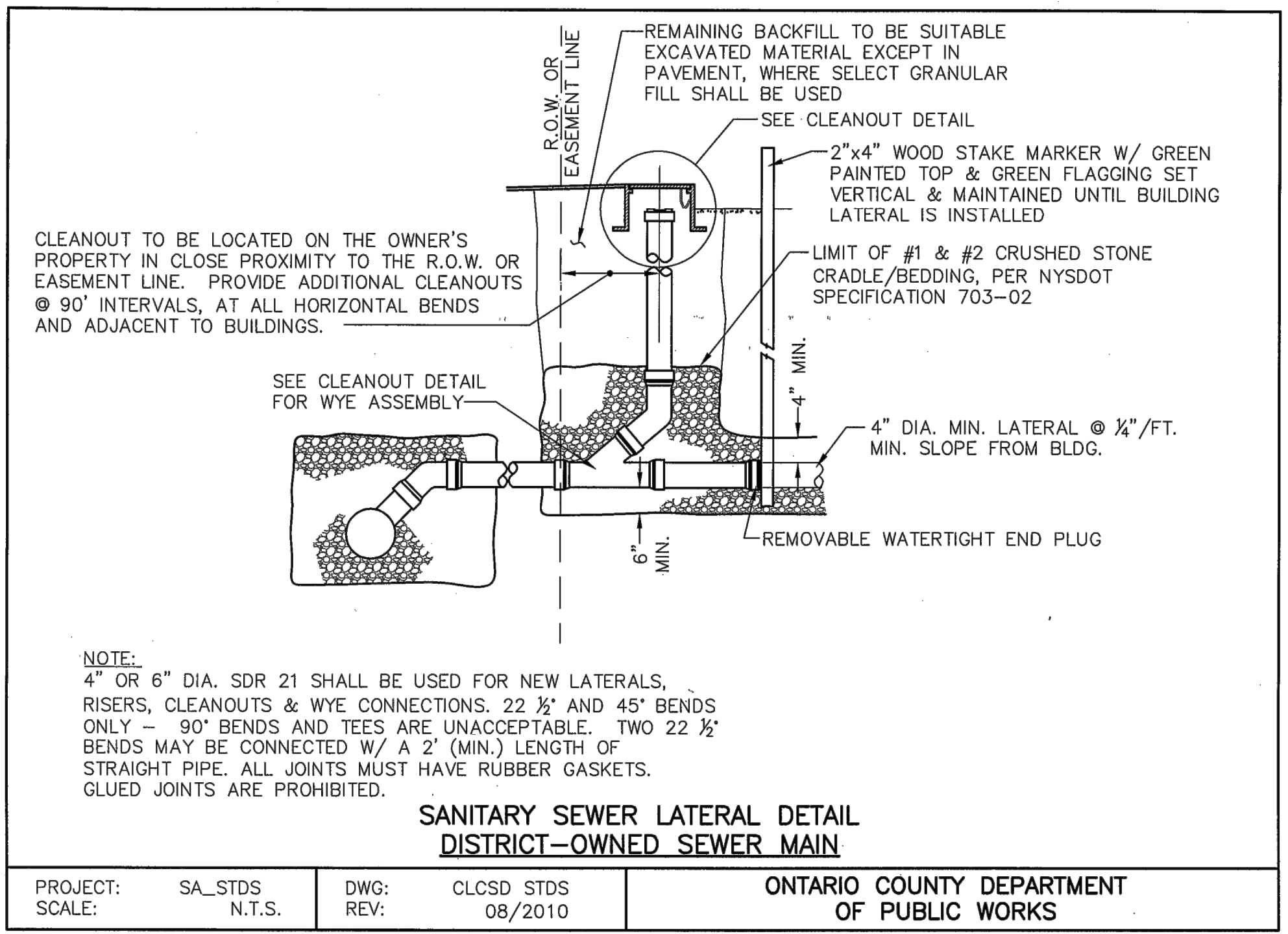
	SANITARY LATERAL SIZE AND TYPE	SANITARY LATERAL LENGTH FROM BUILDING TO RISER	LATERAL RISER LENGTH	PROPOSED INVERT OF C.O. @ BUILDING	PROPOSED LATERAL SLOPE
BUILDING #1	6" PVC SDR-21	111'	2.5'	788.5	3.5%
BUILDING #2	6" PVC SDR-21	28'	N/A	789.0	2%
BUILDING #3	6" PVC SDR-21	20'	0'	788.4	2%
BUILDING #4	6" PVC SDR-21	11'	7'	789.5	2%
BUILDING #5	4" PVC SDR-21	10'	9'	788.8	2%
BUILDING #6	6" PVC SDR-21	45'	2.1'	783.4	2%

SANITARY LATERAL TABLE N.T.S.



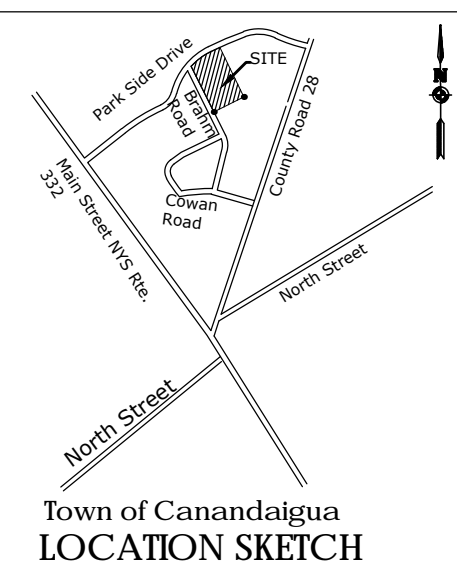
NOTES:
1. Main sewer pipe, lateral pipe, wye and other fittings shall be gasketed type fittings. Solvent weld joints are not allowed.

2 SEWER LATERAL CONNECTION ONTARIO COUNTY DEPARTMENT OF PUBLIC WORKS



Drawing Index

- C 100 Cover
- C 101 Site Plan
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1	2/15/17	JS	PER TOWN PRC COMMENTS

FINAL DETAILS

VETERANS HOUSING
5251 PARKSIDE DRIVE

Town/City Canandaigua, Ontario County, New York
Project No.
20121547.01
Drawing No. **C-202** Sheet No. **9**
Scale: **N.T.S.**
Date **FEBRUARY 2016**