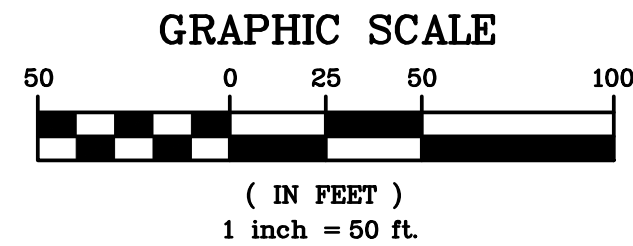
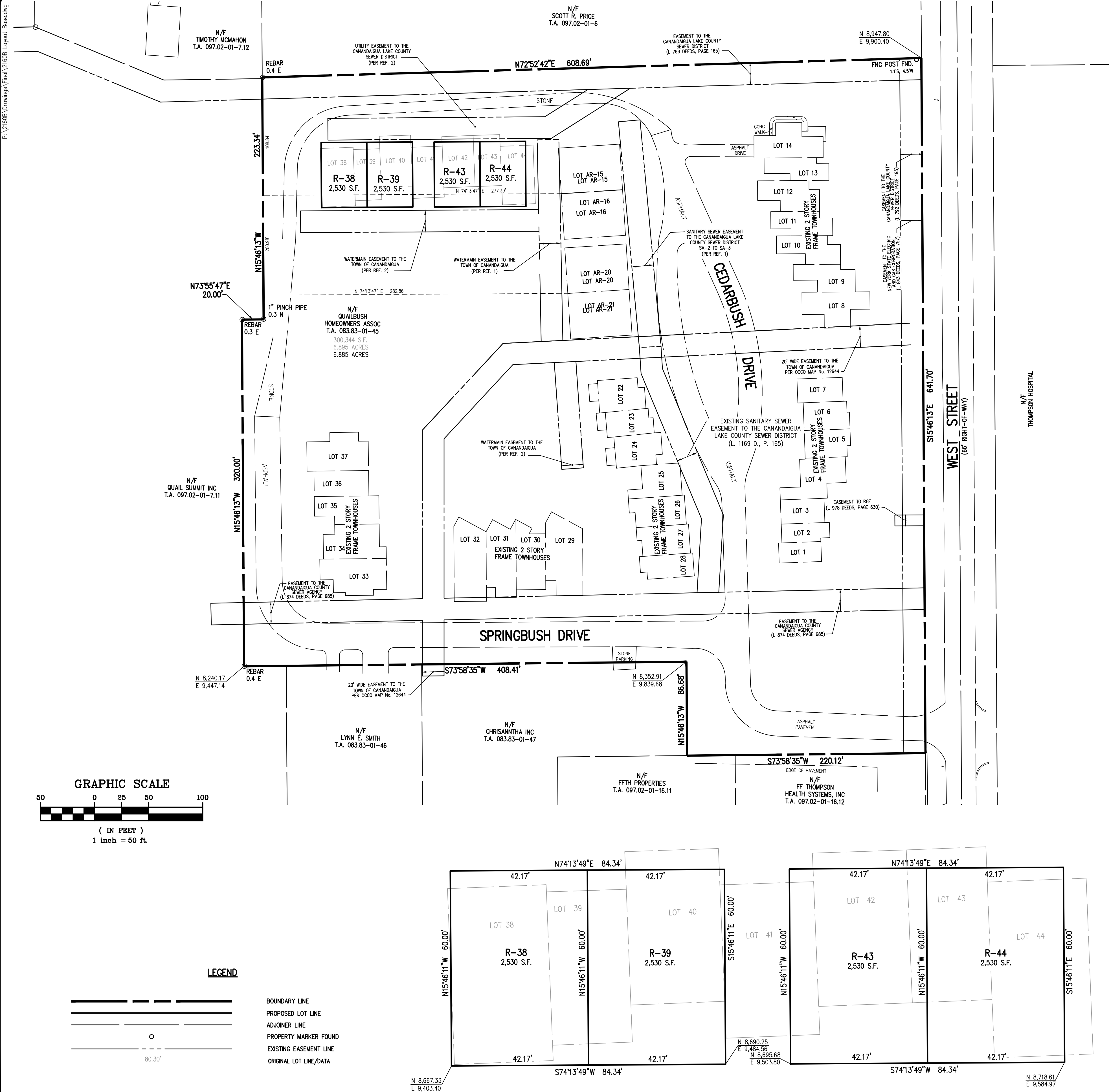
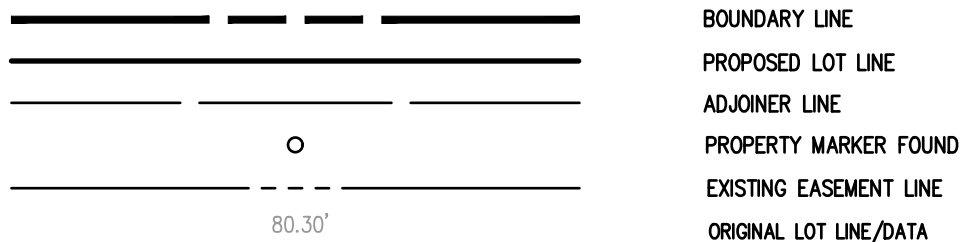


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LEGEND



BOUNDARY LINE
PROPOSED LOT LINE
ADJOINER LINE
PROPERTY MARKER FOUND
EXISTING EASEMENT LINE
ORIGINAL LOT LINE/DATA

LOT RESUBDIVISION DETAIL

NOT TO SCALE

BY: _____ DATE: _____
TOWN OF CANANDAIGUA PLANNING BOARD CHAIRPERSON

WE: BME ASSOCIATES CERTIFY THAT THIS MAP WAS PREPARED FROM THE NOTES OF AN INSTRUMENT SURVEY COMPLETED BY US ON JUNE 12, 2006 AND FROM THE REFERENCES NOTED HEREON.

THIS MAP IS SUBJECT TO ANY FACTS THAT MAY BE REVEALED BY SOURCES OTHER THAN THOSE REFERENCED HEREON.

BY: _____
GREGORY D. BELL, NYSPLS No. 050661

REFERENCES:

- A PLAT ENTITLED "QUALIBUSH TOWNHOMES, RESUBDIVISION PLAT OF LOTS 15-21," AS FILED IN THE ONTARIO COUNTY CLERK'S OFFICE AT MAP NUMBER 32473.
- A PLAT ENTITLED "QUALIBUSH TOWNHOMES, FINAL, RESUBDIVISION PLAT OF LOTS R-15, R-16, R-20, R-21," AS FILED IN THE ONTARIO COUNTY CLERK'S OFFICE AT MAP NUMBER 37608.
- A PLAN ENTITLED "QUALIBUSH TOWNHOMES, UTILITY & GRADING PLAN," PREPARED BY BME ASSOCIATES, HAVING DRAWING No. 2160-01, LAST REVISED APRIL 29, 2005.
- AN ABSTRACT OF TITLE WAS NOT PROVIDED FOR THE COMPLETION OF THIS SURVEY.

SURVEY NOTES:

- THE BEARING BASE SHOWN HEREON WAS TAKEN FROM THE MAP NOTED IN REFERENCE 1, COORDINATES SHOWN HEREON ARE ASSUMED.
- THE PURPOSE OF THIS PLAT IS TO ADJUST THE LOT LINES OF LOTS 38, 39, 40, 41, 42, 43, 44 AND T.A. No. 83.83-1-45. TO CREATE LOTS R-38, R-39, R43 AND R-44.

SUBDIVISION NOTES:

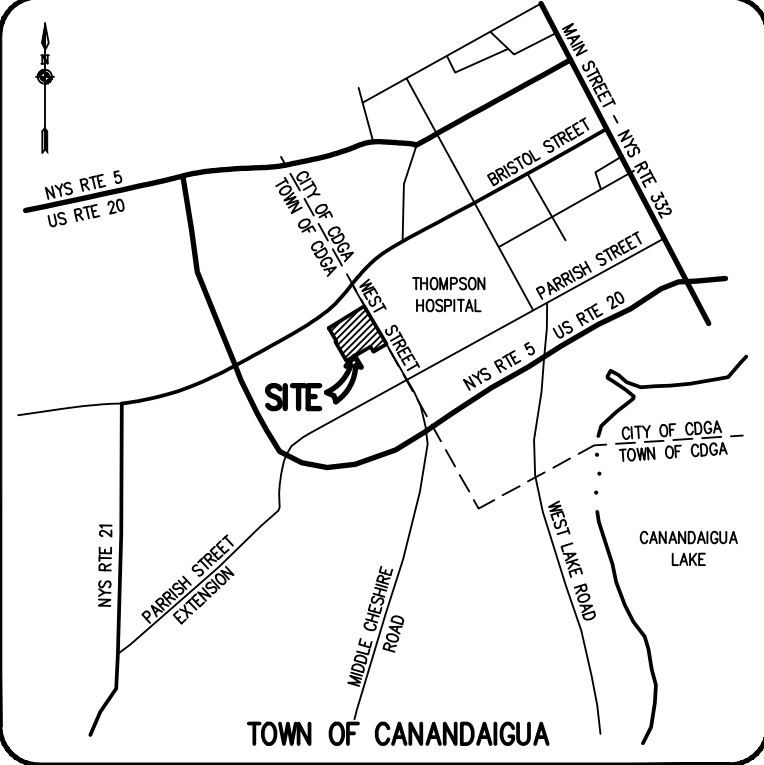
- TOTAL PROJECT AREA IS 8.26 ACRES CONTAINING 6.89 ACRES OF HOA LANDS.
- EXISTING ZONING: MR-281 MULTIPLE RESIDENTIAL - 281
- PROPOSED USE: TOWNHOUSE DWELLINGS UNITS.
- REQUIRED LOT STANDARDS:

	PER MR	EXISTING (FILED SUBDIVISION PLAT)	PROVIDED (RESUBDIVISION)
MINIMUM LOT SIZE	3,500 S.F.	1,154 S.F.	2,530 S.F.
MINIMUM LOT FRONTAGE WIDTH(Ø BUILDING)	25'	25'	42.1'DI
MINIMUM LOT DEPTH	140'	54'	60'
MAXIMUM BUILDING COVERAGE ON LOT (%)	65%	100%	91.5%
MAXIMUM BUILDING HEIGHT	35'	35'	35'
SETBACKS:			
FRONT	25'	N/A	N/A
SIDE	10'	N/A	N/A
REAR	25'	N/A	N/A
- ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA AND THE APPROPRIATE WATER/SEWER AGENCIES, UNLESS OTHERWISE NOTED.
- ANY FINAL GRADE DEVIATIONS OF HOUSE PAD ELEVATIONS MORE THAN TWELVE INCHES SHALL BE APPROVED BY THE PLANNING BOARD.
- REVIEW OF THE FEMA MAPS DOES NOT INDICATE THIS PROPERTY TO BE WITHIN A RECOGNIZED 100-YEAR FLOODPLAIN PER FIRM COMMUNITY PANEL NUMBER 360598 0015 C, DATED MARCH 3, 1997.

APPROVAL OF THIS SUBDIVISION BY NYSDOH IS GRANTED ON CONDITION:

- THAT THE PROPOSED FACILITIES FOR WATER SUPPLY AND SEWAGE COLLECTION AND/OR TREATMENT SHALL BE INSTALLED IN CONFORMITY WITH SAID PLANS.
- THAT NO LOT OR REMAINING LAND SHALL BE SUBDIVIDED WITHOUT PLANS FOR SUCH RESUBDIVISION BEING SUBMITTED TO AND APPROVED BY THE NYSDOH GENEVA DISTRICT OFFICE
- THAT THE APPROVAL IS LIMITED TO 5 YEARS FROM THE APPROVAL DATE. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE NYSDOH GENEVA DISTRICT OFFICE BASED UPON DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- THAT THE APPROVED PLANS MUST BE FILED WITH THE ONTARIO COUNTY CLERK PRIOR TO OFFERING LOTS FOR SALE AND WITHIN 90 DAYS OF THE DATE OF PLAN APPROVAL.
- THAT ALL LOCAL AND STATE AGENCY RULES AND REGULATIONS SHALL BE COMPLIED WITH.

APPROVALS



LOCATION MAP

NOT TO SCALE

PHELPS AND GORHAM PURCHASE, TOWNSHIP 10, RANGE 3, TOWN LOT 30, T.A. Nos. 83.83-1-38, 83.83-1-39, 83.83-1-40, 83.83-1-41, 83.83-1-42, 83.83-1-43, 83.83-1-44 & 83.83-1-45

QUALIBUSH TOWNHOMES

PHASE 3
TOWN OF CANANDAIGUA, ONTARIO COUNTY, NEW YORK

CHRISANNTHA INC.
10 LIFT BRIDGE LANE EAST
FAIRPORT, NEW YORK 14450

GORHAM, NEW YORK 14461

FINAL
RESUBDIVISION PLAT OF
LOTS 38-44 & T.A. No. 83.83-1-45

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER
R. DESTRO
PROJECT SURVEYOR
G. BELL
DRAWN BY
J. GILMORE
SCALE DATE ISSUED
1"=50' FEBRUARY 2022
PROJECT NO.

2160B
DRAWING NO.

01

BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
10 LIFT BRIDGE LANE EAST
FAIRPORT, NEW YORK 14450
PHONE 516.377.7360
WWW.BMEPC.COM

REVISIONS	DATE	BY
7		
6		
5		
4		
3		
2		
1		

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration, and a specific description of the alteration."

P: 12608 Drawings (Final) 12608 Design Base.dwg

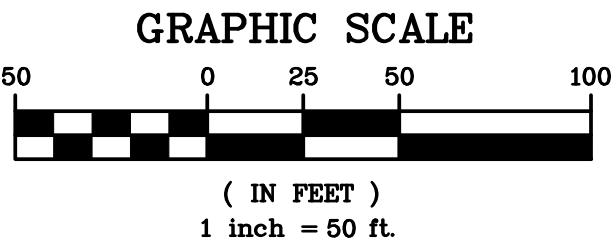
UTILITY NOTES:

- ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA AND THE APPROPRIATE WATER/SEWER AGENCIES, UNLESS OTHERWISE NOTED.
- EXISTING UNDERGROUND UTILITIES SHOWN WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL CALL THE UPFO HOTLINE AT 1 (800) 962-7962 FOR STAKE-OUT OF EXISTING UTILITIES.
- WATERMAINS AND APPURTENANCES TO BE CONSTRUCTED TO THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA WATER DEPARTMENT.
- THE WATERMAIN SHALL BE DISINFECTED EQUAL TO AWWA STANDARD SPECIFICATIONS FOR DISINFECTION OF WATERMAINS, DESIGNATION C-651 BY USING THE CONTINUOUS FEED METHOD. THE SLUG METHOD CAN ONLY BE USED FOR MAINS 24" IN DIAMETER OR GREATER. FOLLOWING FLUSHING, SAMPLES OF THE WATER SHALL BE COLLECTED FROM THE MAIN AND FROM EACH BRANCH. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. WATER SAMPLES SHALL BE COLLECTED BY THE TOWN OF CANANDAIGUA AND THE MAIN SHALL NOT BE PLACED IN SERVICE UNTIL THE WATER HAS BEEN APPROVED AND NOTIFICATION THEREOF RECEIVED FROM THE NEW YORK STATE DEPARTMENT OF HEALTH AND THE TOWN OF CANANDAIGUA.
- ALL WATERMAINS SHALL HAVE A MINIMUM OF 5' OF COVER FROM THE TOP OF THE MAIN TO FINISHED GRADE. THE CONTRACTOR SHALL CHECK ALL CUT STAKES BEFORE TRENCING TO INSURE THAT ALL INSTALLED WATERMAINS WILL HAVE THE REQUIRED COVER.
- MINIMUM SEPARATION BETWEEN WATERMAIN AND SEWER MAINS TO BE 18" VERTICALLY MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. MINIMUM HORIZONTAL SEPARATION BETWEEN WATERMAINS AND SEWER MAINS TO BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES. ONE FULL LENGTH OF WATERMAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. WHERE A WATERMAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWERS TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING ON AND BREAKING THE WATERMAINS.
- WATERMAINS SHALL BE 6" PVC DR-14 AND INSTALLED (AWWA C900) AND PRESSURE AND LEAKAGE TESTED (AWWA C605) PER THE APPROPRIATE AWWA STANDARDS AND TOWN OF CANANDAIGUA WATER DEPARTMENT STANDARDS.
- SANITARY SEWER PIPE TO BE 8" PVC, SDR-35 WITH CRUSHED STONE BEDDING FOR GRAVITY SEWERS.
- ALL SANITARY SEWERS MUST BE IN COMPLIANCE WITH THE SPECIFICATIONS AND SEWER POLICY OF ONTARIO COUNTY DPW.
- FLOOR DRAINS TO BE CONNECTED TO THE SANITARY SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUNDWATER. ALL DISCHARGES TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE ONTARIO COUNTY DPW SEWER USE LAW.
- WATER SERVICE SHALL BE 1" #4710 PE WITH TRACER WIRE.
- SANITARY SEWER LATERALS TO BE 4" PVC SDR-21 WITH CRUSHED STONE BEDDING. GLUED JOINTS ARE NOT ALLOWED OUTSIDE OF THE BUILDING. WELL MIXED CRUSHED STONE, SIZES 1 AND 2 AS SHOWN ON TABLE 703-4 OF NYSDOT MANUAL OF "MATERIAL SPECIFICATIONS - CONSTRUCTION AND MATERIALS" SHALL BE USED FOR EMBEDMENT OF SANITARY SEWER PIPE.
- SANITARY LATERAL WITNESS STAKES SHALL BE TWO BY FOUR INCH HARDWOOD, EXTENDED TWO TO THREE FEET ABOVE GRADE AND PAINTED GREEN.
- SANITARY LATERAL CLEANOUTS ARE TO BE PROVIDED AT THE EASEMENT LINE AND EVERY 85 FEET THEREAFTER.
- MANHOLES DEEPER THAN 15' SHALL BE 5' IN DIAMETER.
- THE SANITARY SEWER HAS BEEN DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE "RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES."
- WATER SERVICE CURB BOXES TO BE INSTALLED AT PROPOSED EASEMENT LINE.
- WATER SERVICE CURB STOPS TO BE INSTALLED AT FINISH GRADE.
- SANITARY CLEANOUTS TO BE INSTALLED ABOVE FINISHED GRADE AND CUT TO FINISH GRADE UPON FINAL GRADING.
- TOWNHOUSE UNITS R-38, R-39, R-43 & R-44 ARE TO BE PLACED ON SPLASH BLOCKS.
- HYDRANT FLOW TEST DATA:
STATIC PRESSURE = 73 PSI
RESIDUAL PRESSURE = 68 PSI
FLOW @ 20 PSI = 1350 GPM
LOCATION OF TEST WAS PERFORMED ON SITE AFTER PRESSURE REDUCING VALVE
DATE: MARCH 15, 2005

LEGEND

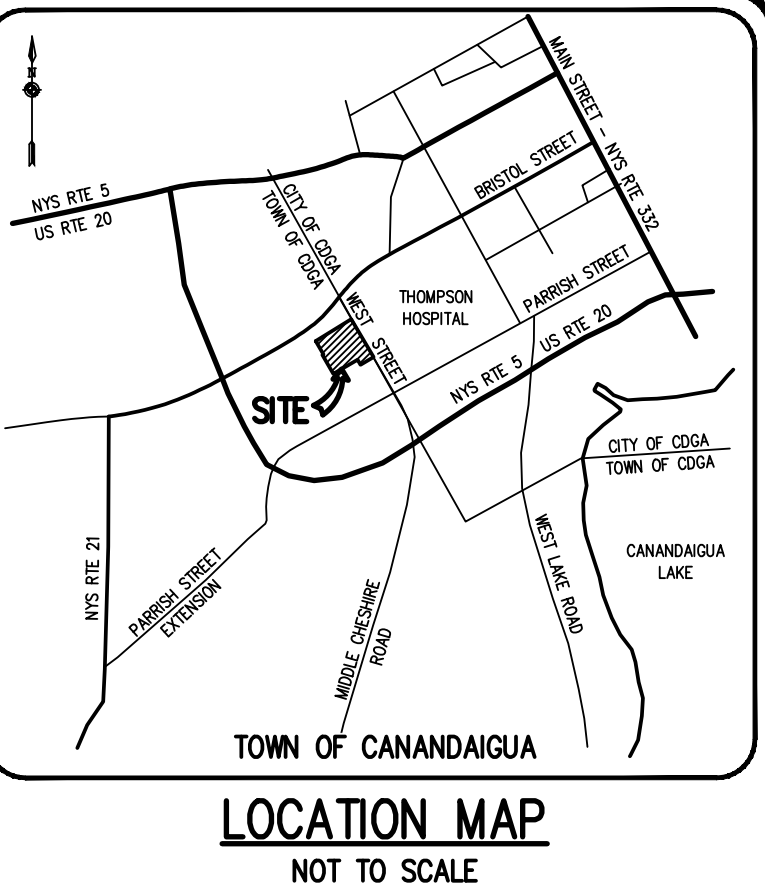
	BOUNDARY LINE
	PROPOSED LOT LINE
	EXISTING EASEMENT LINE
	PROPERTY MARKER FOUND
	EX. WATERMAIN, HYDRANT AND VALVE
	PROP. WATERMAIN, HYDRANT AND VALVE
	EXISTING STORM SEWER, AND MANHOLE
	PROPOSED STORM SEWER, MANHOLE AND INLET
	PROPOSED STORM LATERAL
	EXISTING SANITARY SEWER AND MANHOLE
	PROPOSED SANITARY MANHOLE
	PROPOSED SANITARY LATERAL

SEE NOTE SHEET BME DWG #21608-05 FOR
SANITARY SEWER NOTES



NOT APPROVED

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Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation 'Altered by' followed by his signature and the date of such alteration, and a specific description of the alteration."

REVISIONS	DATE	BY
7		
6		
5		
4		
3		
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1		

BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
10 LIFT BRIDGE LANE EAST • PHONE 935-377-7360
HAWAIIAN ISLANDS, NEW YORK 14450 • FAX 935-377-7309
WWW.BME-LLC.COM

QUAILBUSH TOWNHOMES
PHASE 3
TOWN OF CANANDAIGUA, ONTARIO COUNTY, NEW YORK
CHRISANNITHA INC.
10 LIFT BRIDGE LANE EAST
HAWAIIAN ISLANDS, NEW YORK 14450

FINAL
UTILITY PLAN

APPROVAL OF THIS SUBDIVISION BY NYSDOH IS GRANTED ON CONDITION:

- THAT THE PROPOSED FACILITIES FOR WATER SUPPLY AND SEWAGE COLLECTION AND/OR TREATMENT SHALL BE INSTALLED IN CONFORMITY WITH SAID PLANS.
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- THAT THE APPROVAL IS LIMITED TO 5 YEARS FROM THE APPROVAL DATE. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE NYSDOH GENEVA DISTRICT OFFICE BASED UPON DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- THAT THE APPROVED PLANS MUST BE FILED WITH THE ONTARIO COUNTY CLERK PRIOR TO OFFERING LOTS FOR SALE AND WITHIN 90 DAYS OF THE DATE OF PLAN APPROVAL.
- THAT ALL LOCAL AND STATE AGENCY RULES AND REGULATIONS SHALL BE COMPLIED WITH.

NEW YORK STATE DEPARTMENT OF HEALTH:

APPROVALS

BY: _____ DATE: _____
TOWN ENGINEER

BY: _____ DATE: _____
TOWN OF CANANDAIGUA PLANNING BOARD CHAIRPERSON

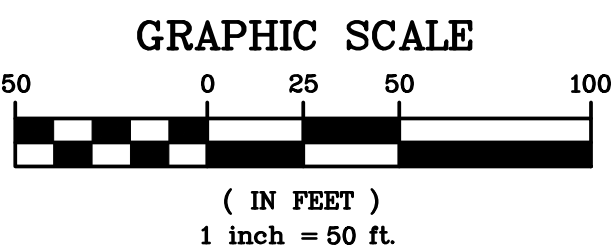
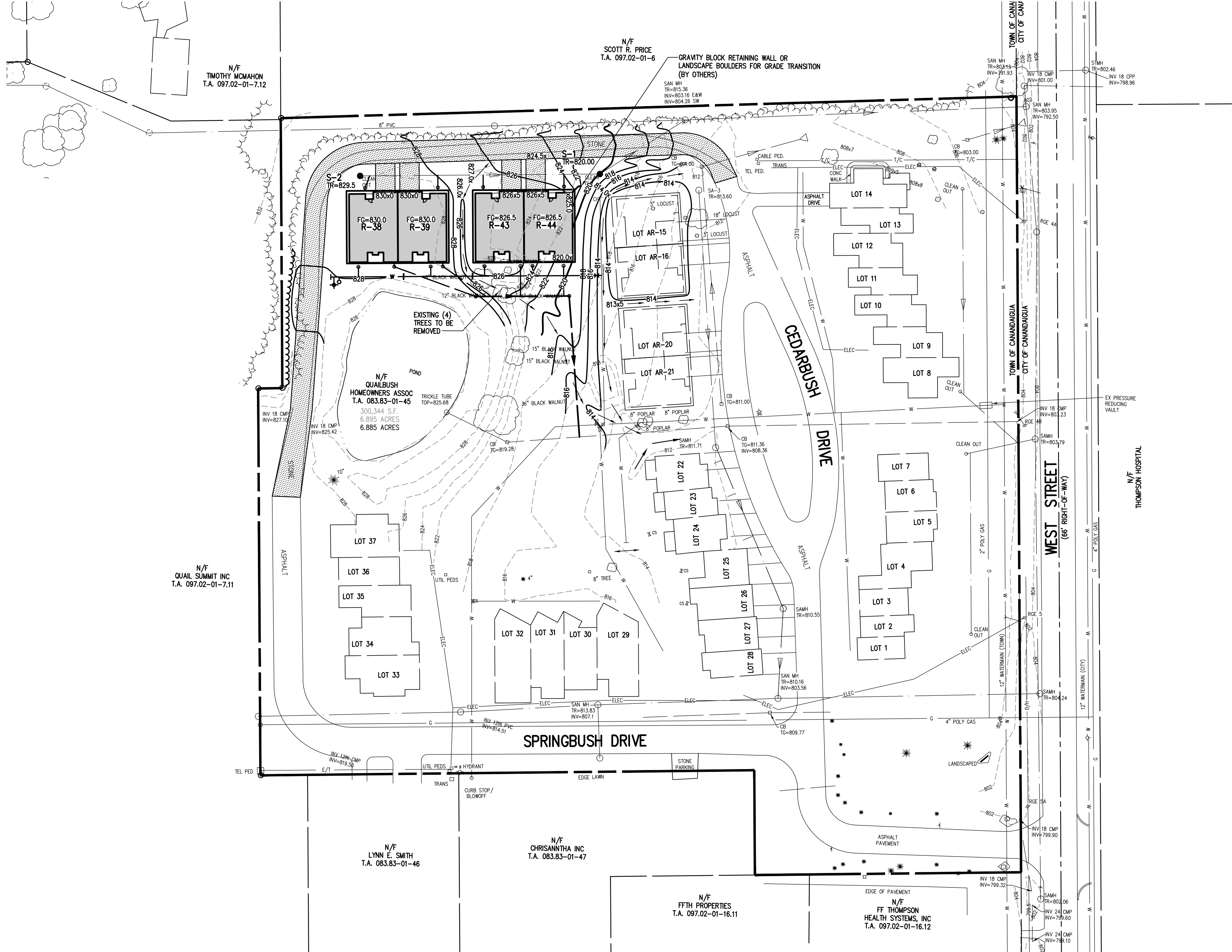
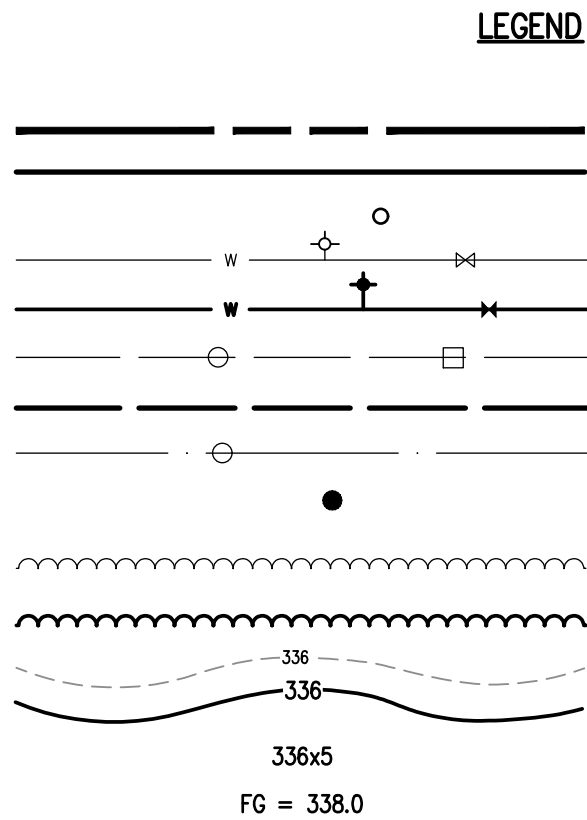
BY: _____ DATE: _____
TOWN OF CANANDAIGUA HIGHWAY/WATER SUPERINTENDENT

PROJECT MANAGER
R. DESTRO
PROJECT ENGINEER
R. DESTRO
DRAWN BY
R. DESTRO
SCALE
DATE ISSUED
1" = 50'
FEBRUARY 2022
PROJECT NO.

21608

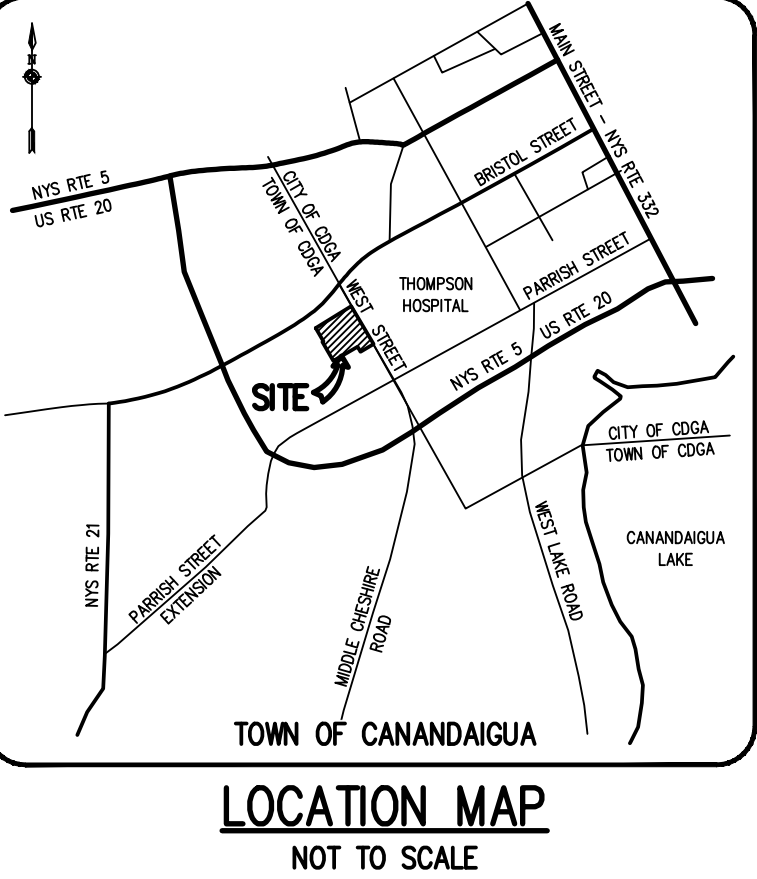
DRAWING NO.

02



NOT APPROVED

This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.



- GRADING NOTES:**
1. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION.
 2. EROSION CONTROL MEASURES ARE TO BE ESTABLISHED PRIOR TO COMMENCING EARTHWORK. EROSION CONTROL DEVICES ARE TO BE MAINTAINED BY THE CONTRACTOR UNTIL UPSTREAM GROUND COVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED BY THE TOWN OF CANANDAIGUA. REFER TO THE PLANS AND TOWN OF CANANDAIGUA CHAPTER 85, SOIL EROSION AND SEDIMENTATION CONTROL SPECIFICATIONS FOR THE EROSION CONTROL DEVICES.
 3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, REPLACING AND SUBSEQUENTLY REMOVING EROSION CONTROL DEVICES FOR THE DURATION OF THE CONTRACT.
 4. THE CONTRACTOR WILL PROVIDE CRUSHED STONE STABILIZED CONSTRUCTION ENTRANCE AT THE PROJECT ENTRANCE.
 5. THE CONTRACTOR WILL BE RESPONSIBLE FOR PREVENTING SILT RUNOFF FROM ACCUMULATING ON THE EXISTING ROADS AND/OR BEING CONVEYED DOWNSTREAM. DIVERSIONARY BERMS, INTERCEPTOR SWALES AND CRUSHED STONE FILTERS SHALL BE EMPLOYED TO PROTECT DOWNSTREAM PROPERTIES.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ADJOINING PROPERTIES, ROADWAYS, DRAINAGE WAYS AND SINKS OF SILT ACCUMULATION AS NEEDED AND AS DETERMINED/REQUESTED BY THE TOWN OF CANANDAIGUA.
 7. DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY THE CONTRACTOR TO MINIMIZE THE EFFECT ON ADJACENT PROPERTIES. THE CONTRACTOR SHALL PERFORM DUST CONTROL MEASURES AS NEEDED AND AS DETERMINED/REQUESTED BY THE TOWN OF CANANDAIGUA.
 8. THE TOPSOIL PILE SHALL BE SEEDDED AFTER COMPLETION OF STRIPING.
 9. THE TOPSOIL STOCKPILE LOCATION SHALL BE APPROVED BY THE TOWN OF CANANDAIGUA.

APPROVALS

BY: _____ DATE: _____
TOWN ENGINEER

BY: _____ DATE: _____
TOWN OF CANANDAIGUA PLANNING BOARD CHAIRPERSON

BY: _____ DATE: _____
TOWN OF CANANDAIGUA HIGHWAY/WATER SUPERINTENDENT

PHELPS AND GORHAM PURCHASE, TOWNSHIP 10, RANGE 3, TOWN LOT 30, T.A. Nos. 83.83-1-38, 83.83-1-39, 83.83-1-40, 83.83-1-41, 83.83-1-42, 83.83-1-43, 83.83-1-44 & 83.83-1-45

QUAILBUSH TOWNHOMES
PHASE 3
TOWN OF CANANDAIGUA, ONTARIO COUNTY, NEW YORK
CHRISANNTHA INC.
10 LIFT BRIDGE LANE EAST
CANANDAIGUA, NEW YORK 14450
WWW.BMEERCCON

FINAL GRADING PLAN

PROJECT: _____
LOCATION: _____
CLIENT: _____

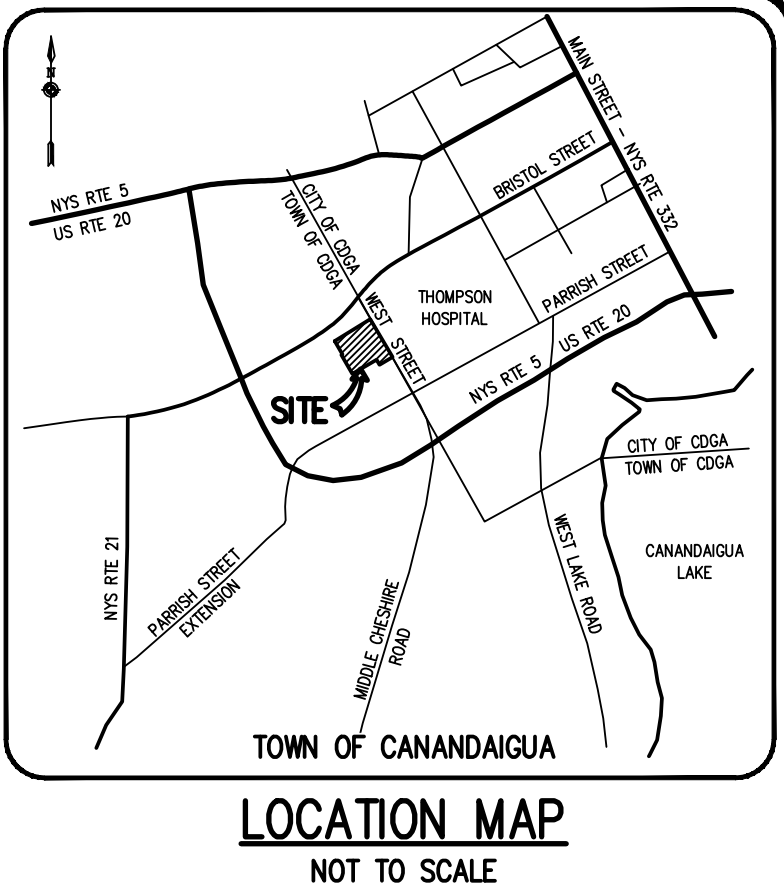
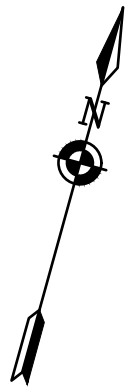
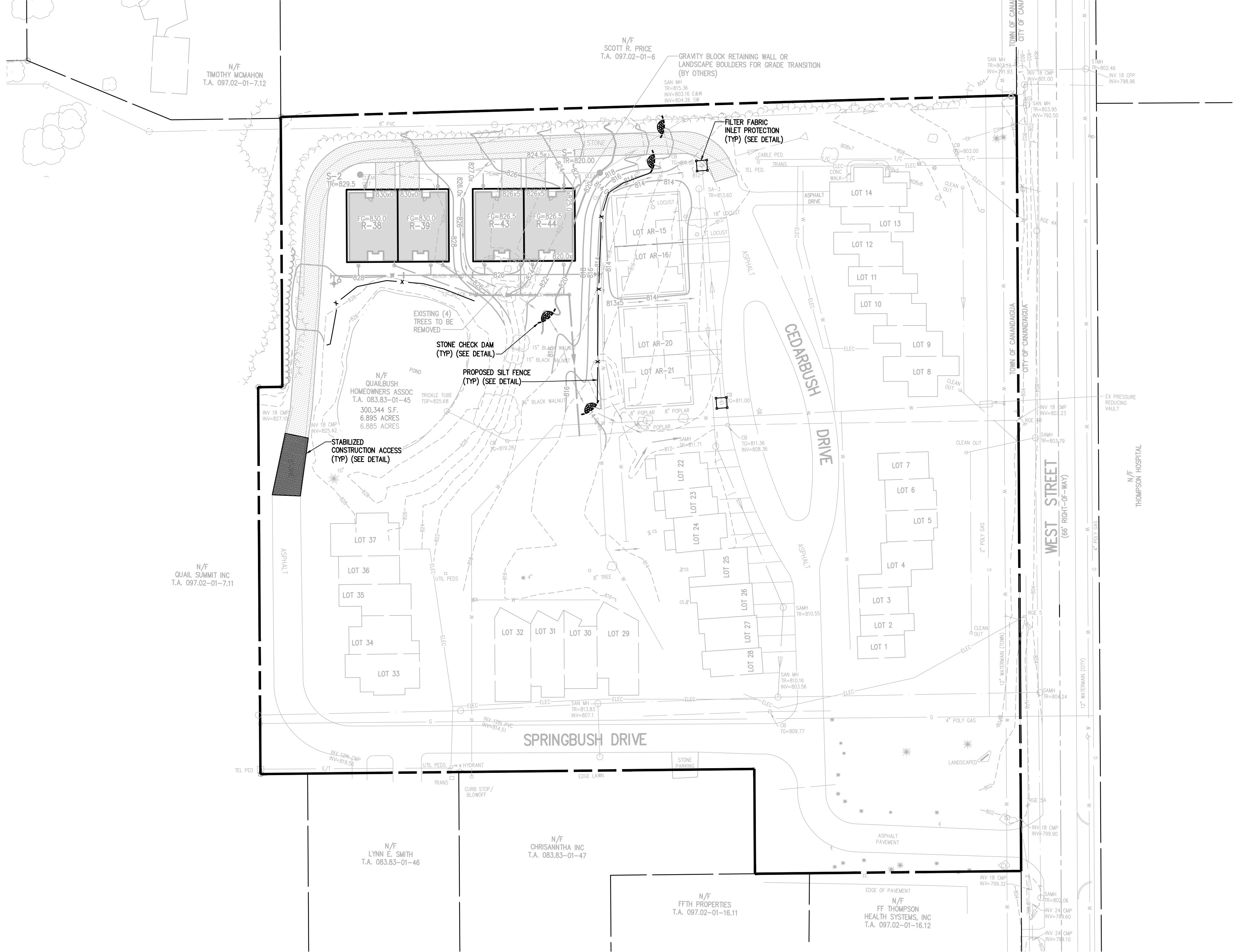
PROJECT MANAGER
R. DESTRO
PROJECT ENGINEER
R. DESTRO
DRAWN BY
R. DESTRO
SCALE: _____ DATE ISSUED: _____
1" = 50' FEBRUARY 2022
PROJECT NO.

DRAWING NO. **2160B**
03

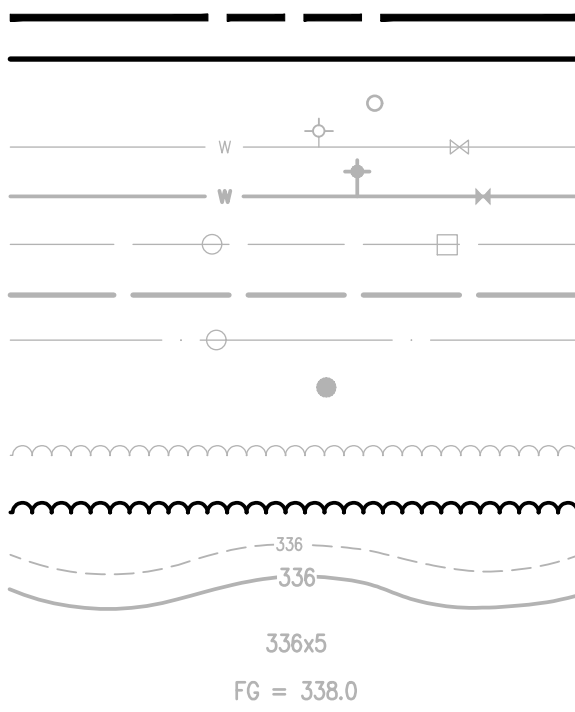
BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
PHONE 585-377-7360
FAX 585-377-7309
WWW.BMEERCCON

REVISIONS	DATE	BY
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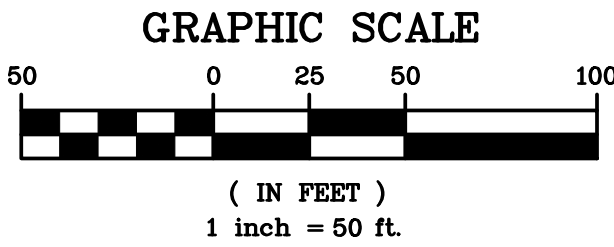
Drawing Alteration
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LEGEND



- BOUNDARY LINE
- PROPOSED LOT LINE
- PROPERTY MARKER FOUND
- EX. WATERMAIN, HYDRANT AND VALVE
- PROP. WATERMAIN, HYDRANT AND VALVE
- EXISTING STORM SEWER, AND MANHOLE
- PROPOSED STORM SEWER, MANHOLE AND INLET
- EXISTING SANITARY SEWER AND MANHOLE
- PROPOSED SANITARY MANHOLE
- EXISTING TREELINE
- PROPOSED TREE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED FINISHED GRADE



NOT APPROVED

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APPROVALS

BY: _____ DATE: _____
TOWN ENGINEER

BY: _____ DATE: _____
TOWN OF CANANDAIGUA PLANNING BOARD CHAIRPERSON

BY: _____ DATE: _____
TOWN OF CANANDAIGUA HIGHWAY/WATER SUPERINTENDENT

PHELPS AND GORHAM PURCHASE, TOWNSHIP 10, RANGE 3, TOWN LOT 30, T.A. Nos. 83.83-1-38, 83.83-1-39, 83.83-1-40, 83.83-1-41, 83.83-1-42, 83.83-1-43, 83.83-1-44 & 83.83-1-45

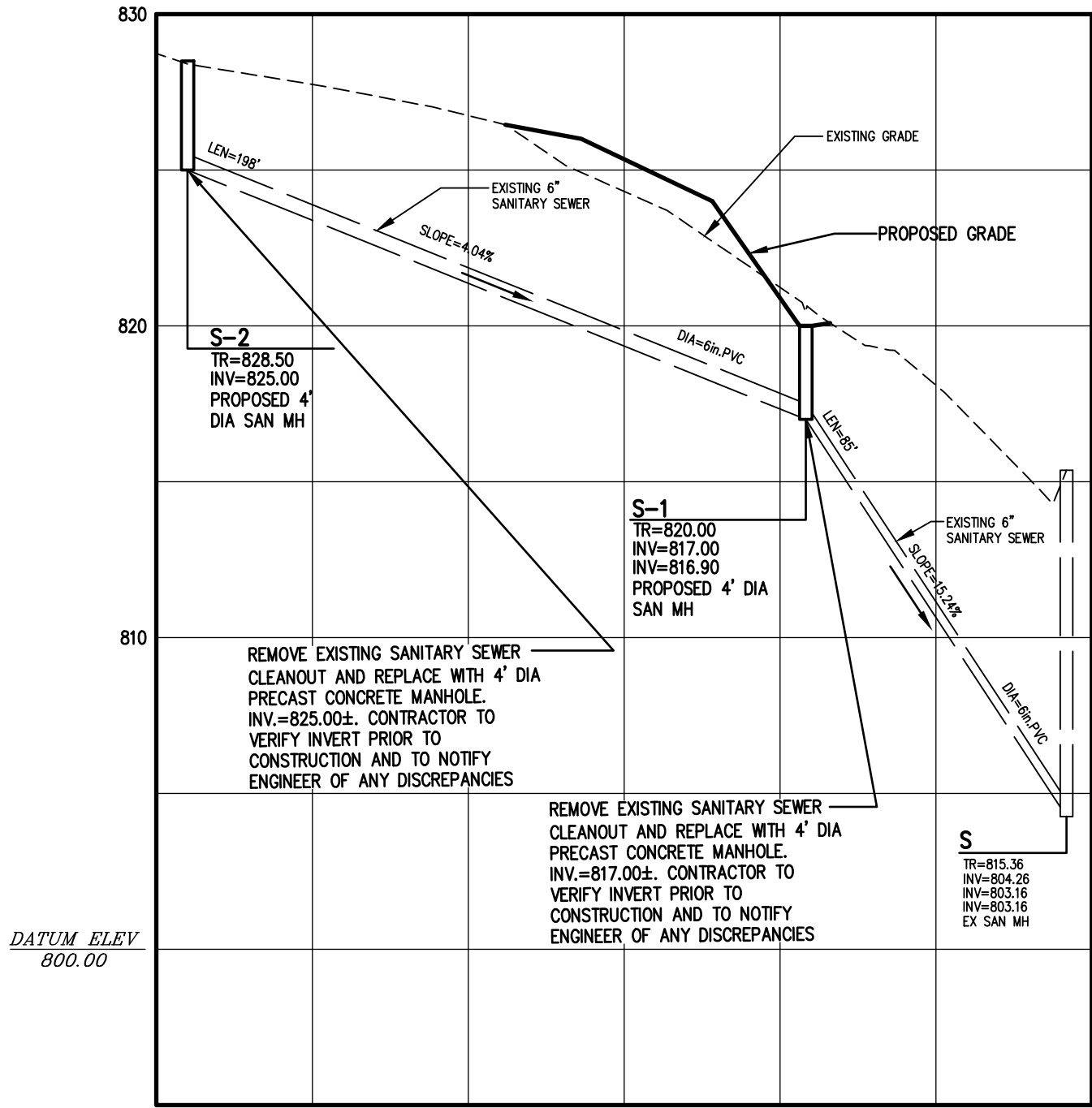
QUAILBUSH TOWNHOMES
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REVISIONS	DATE	BY
7		
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FINAL
GRADING PLAN

PROJECT
R. DESTRO
PROJECT ENGINEER
R. DESTRO
DRAWN BY
R. DESTRO
SCALE
1" = 50'
DATE ISSUED
FEBRUARY 2022
PROJECT NO.
2160B
DRAWING NO.
04



S-2 TO S PROFILE

SCALE: HOR: 1"=50'
VER: 1"=5'

CONSTRUCTION EROSION CONTROL NOTES:
PHASE 3 SOIL DISTURBANCE = ±1.0 ACRES

1. THE ORIGINAL (SWPPP) FOR THE OVERALL PROJECT WAS PREPARED IN 2005, AND MET ALL THE REQUIREMENTS OF THE GP-02-01 GENERAL PERMIT AND WAS APPROVED BY THE LOCAL MUNICIPALITY. THE CURRENT AND ACTIVE PERMIT NUMBER IS NYS-101318. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CONSISTS OF STORMWATER MANAGEMENT REPORT, THE PROJECT PLANS, INCLUDING THE GRADING, CONSTRUCTION EROSION CONTROL PLAN AND DETAIL SHEET, AND THE TOWN OF CANANDAIGUA DESIGN AND CONSTRUCTION SPECIFICATIONS REGARDING STORMWATER CONTROL. THE SWPPP FOR THIS PROJECT IS INTENDED TO CONFORM WITH NYSDEC GENERAL PERMIT GP-0-20-001 AND THE REQUIREMENTS OF LOCAL AND NYSDEC AUTHORITIES REGARDING THE CONTROL OF STORMWATER QUANTITY AND QUALITY.
2. THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THE REQUIRED SWPPP. THE OWNER'S CONTRACTOR, SUB-CONTRACTOR AND ALL OTHERS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN SHALL BE FAMILIAR WITH THE PLAN AND THE CONDITIONS OF THE NYSDEC GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.
3. ANY MODIFICATIONS OR DEVIATIONS FROM THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND STORMWATER MANAGEMENT AREAS, SHALL BE DOCUMENTED IN THE INSPECTION REPORT AND CONSIDERED PART OF THE SWPPP FOR THE PROJECT.
4. THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ON SITE INSPECTIONS BY A LICENSED PROFESSIONAL REGARDING EROSION CONTROL DURING CONSTRUCTION. INSPECTIONS ARE TO BE PROVIDED AT A MINIMUM OF TWICE A WEEK FOR DISTURBANCES OF 5 ACRES AND GREATER AND ONCE A WEEK FOR DISTURBANCES LESS THAN 5 ACRES. AN INSPECTION REPORT LOG AND THE SWPPP TO BE KEPT ON-SITE BY THE OWNER. THE CURRENT PHASE II AREA OF CONSTRUCTION IS 1 ACRE OF DISTURBANCE, THUS REQUIRING SITE INSPECTIONS OF ONCE A WEEK.
5. FOR SITES WHERE SOIL DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED (E.G. WINTER SHUTDOWNS) AND TEMPORARY STABILIZATION MEASURES HAVE BEEN APPLIED TO ALL DISTURBED AREAS, THE OWNER/OPERATOR MAY REDUCE THE SELF-INSPECTION FREQUENCY, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS. (30 CALENDAR DAYS)
6. THE OWNER'S CONTRACTOR/REPRESENTATIVE SHALL IDENTIFY AT LEAST ONE INDIVIDUAL TO BE TRAINED FROM THEIR COMPANY THAT WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP. THE INDIVIDUAL MUST RECEIVE (4) HOURS OF NYSDEC TRAINING EVERY (3) YEARS. THE OWNER/OPERATOR SHALL ENSURE THAT AT LEAST ONE OF THE TRAINED INDIVIDUALS IS ON SITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED.
7. FOR DISTURBANCES LESS THAN 5 ACRES, DISTURBED AREAS EXPOSED FOR 14 DAYS OR MORE MUST BE TEMPORARILY SEED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUNDCOVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE M54.
8. THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, CLEANING, REPAIR AND REPLACEMENT OF EROSION CONTROL MEASURES DURING SITE CONSTRUCTION.
9. ALL DISTURBED AREAS TO BE RECLAIMED WITH A MINIMUM OF 6" TOPSOIL.
10. TEMPORARY SEEDING OF DISTURBED AREAS SHALL BE PROVIDED AS FOLLOWS:

THE SURFACE TWO INCHES OF SOIL SHOULD BE LOOSENEED BY DISKING, RAKING, OR BACK-BLADING WITH A BULLDOZER. IMMEDIATELY FERTILIZE WITH 300 LBS PER ACRE (OR 7 LBS. PER 1000 SQ. FT.) OF 10-10-10 FERTILIZER. IMMEDIATELY SEED WITH THE FOLLOWING MIX:

	LBS./ACRE	LBS./1000 SQ. FT.
ANNUAL RYEGRASS	40	1
PERENNIAL RYEGRASS	40	1
OATS	40	1
WHITE CLOVER (+ INNOCULANT)	4	0.1

SEED SHOULD HAVE A GERMINATION RATE OF AT LEAST 85 PERCENT AND MINIMAL INERT MATERIAL.

11. DISTURBED AREAS SHALL BE STABILIZED USING PERMANENT LAWN SEEDING MIX UPON COMPLETION OF GRADING AND CONSTRUCTION:
- PERENNIAL RYE GRASS 35 85 85
RED FESCUE 35 97 80
KENTUCKY BLUEGRASS 30 85 80
- SEEDING RATE: 6.0 LBS PER 1,000 SQ. FT.
MULCH: STRAW OR WOOD FIBER MULCH USED WITH HYDROSEEDING METHOD,
AT TWO TONS PER ACRE WITH TACKIFIER
STARTING FERTILIZER: 5-10-10 AT 20 LBS PER SQ. FT.
12. ALL SEEDING AREAS ARE TO BE MONITORED FOR GERMINATION AND EROSION. ERODED AREAS ARE TO BE BACKFILLED, FINE GRADED AND RE-SEED. AREAS THAT FAIL TO GERMINATE A MINIMUM OF 75% SHALL BE RE-SEED.
13. THE OWNER SHALL BE RESPONSIBLE FOR REMOVING EXISTING EROSION CONTROL MEASURES THAT ARE LOCATED WITHIN ESTABLISHED AREAS. MATERIALS ARE TO BE DISPOSED OF PROPERLY.
14. UPON COMPLETION OF CONSTRUCTION AND FINAL STABILIZATION THE OWNER MAY FILE A NOTICE OF TERMINATION (NOT) WITH NYSDEC PER THE REQUIREMENTS OF THE GENERAL PERMIT GP-0-10-001.

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 2582 COUNTY ROAD 48 IN THE TOWN OF HOPEWELL. CALL 585-586-4000 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, NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NYS 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" DIA. OR LARGER PVC CLASS SDR-35 OR SDR-21 WITH ELASTOMERIC JOINTS. LATERALS SHALL BE 4" DIA. SDR-21 WITH ELASTOMERIC JOINTS. ACTUAL FIELD CONDITIONS MAY REQUIRE ADDITIONAL PIPE OR BACKFILL REINFORCEMENT. THE SANITARY SEWER WILL BE DESIGNED BY THE DEVELOPER'S ENGINEER. FIELD CHANGES MUST BE APPROVED BY THE SEWER DISTRICT.
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 UPPO AT 1-800-962-7962 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 WATERMAIN (AS MEASURED FROM THE OUTSIDE OF THE SEWER TO THE OUTSIDE OF THE WATERMAIN). IN CASES WHERE THE SANITARY SEWER CROSSES A WATERMAIN, THE MINIMUM VERTICAL SEPARATION SHALL BE 18" (MEASURED OUT-TO-OUT). THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATERMAIN JOINTS.
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 COMMISSIONER OF PUBLIC WORKS BEFORE A PERMIT IS ISSUED OR SEWER CONSTRUCTION MAY COMMENCE.
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.
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 GROUNDWATER. 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 GROUNDWATER FROM DRAINING INTO THE SANITARY SEWER PIPE GRADE.
16. OPENINGS IN EXISTING MANHOLES SHALL BE MADE WITH A CORE SAW. A RUBBER WATER-TIGHT BOOT ADAPTER OR OTHER DISTRICT APPROVED CONNECTOR CONFORMING TO ASTM C-923, SHALL BE USED TO MAKE THE CONNECTION TO THE EXISTING MANHOLE.
17. CONNECTIONS REQUIRING OPENINGS IN ASBESTOS CEMENT PIPE WILL BE DESIGNED, INSPECTED AND CERTIFIED BY THE DESIGN ENGINEER OR REPRESENTATIVE THEREOF.
18. ALL PLUGS 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.
19. 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.
20. ANY EXCAVATION NOT BACKFILLED BY THE END OF THE WORKDAY SHALL BE FENCED, BARRICADED AND LIGHTED FOR SAFETY AND PROTECTION OF THE PUBLIC.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EXISTING SANITARY MAINS, STRUCTURES AND APPURTENANCES, IF ANY, NEEDED TO COMPLETE THE WORK.
22. 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.
23. LATERAL CLEANOUTS 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.
24. THE CONTRACTOR SHALL TAKE AND RECORD FIELD MEASUREMENTS TO ALL WYES, CLEANOUTS AND LATERAL PLUGS AS WELL AS LENGTHS OR RISERS AND DEPTHS AT LATERAL PLUGS. THE INFORMATION WILL BE GIVEN TO THE DEVELOPER'S ENGINEER FOR USE IN PREPARING RECORD DRAWINGS.
25. 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. A DEFLECTION TEST USING A RIGID BALL OR MANDREL HAVING A DIAMETER OF 95% OF THE INSIDE DIAMETER OF THE PIPE. MECHANICAL PULLING DEVICES WILL NOT BE USED.
 - 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 RE-PAIRED OR RE-FLUSHED WILL BE RE-TELEVIEWED UNTIL ACCEPTABLE.
26. 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"=50' MIN.), AND ON STANDARD SIZED DRAWINGS NO SMALLER THAN 11"x17" AND NO LARGER THAN 24"x36". PROJECT MONUMENTATION AND PERMANENT BENCHMARKS SHALL BE SHOWN WITH COORDINATE AND/OR ELEVATION INFORMATION.
27. 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 NOT TO BE SUBMITTED ON LEGAL SIZE (8 1/2" X 14") PAPER.
28. 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.

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration, and a specific description of the alteration."

	7	6	5	4	3	2	1		DATE	BY
REVISIONS										

BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

10 LIFT BRIDGE LANE EAST
HAWAIIAN PARK NEW YORK 14650
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QUALIBUSH TOWNHOMES

PHASE 3
TOWN OF CANANDAIGUA, ONTARIO COUNTY, NEW YORK

CORSEWATHA LANE
CORHAM, NEW YORK 14461

FINAL
NOTE SHEET

PROJECT

LOCATION

CLIENT

DRAWING TITLE

PROJECT MANAGER

R. DESTRO
PROJECT ENGINEER

R. DESTRO
DRAWN BY

R. DESTRO

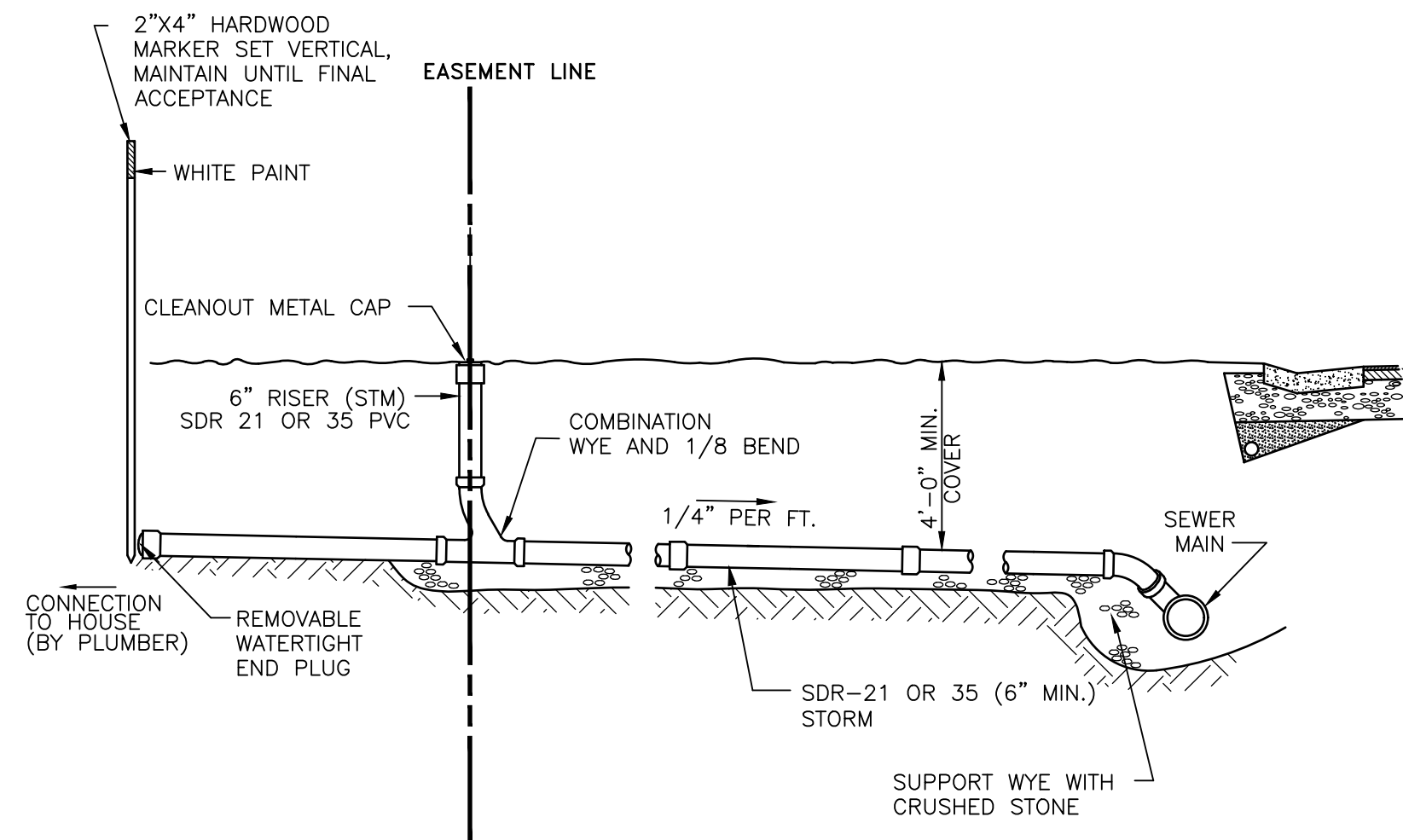
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N.T.S. FEBRUARY 2022

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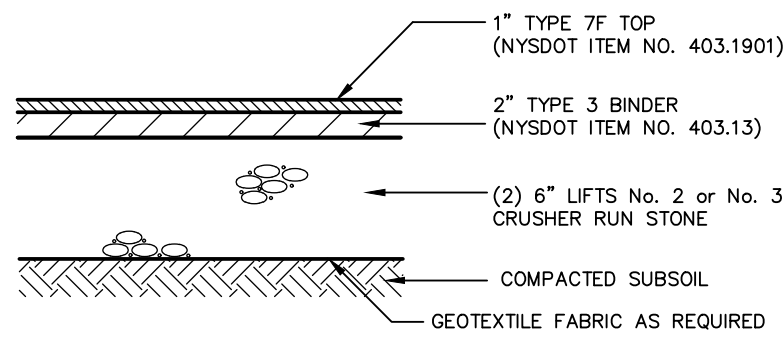
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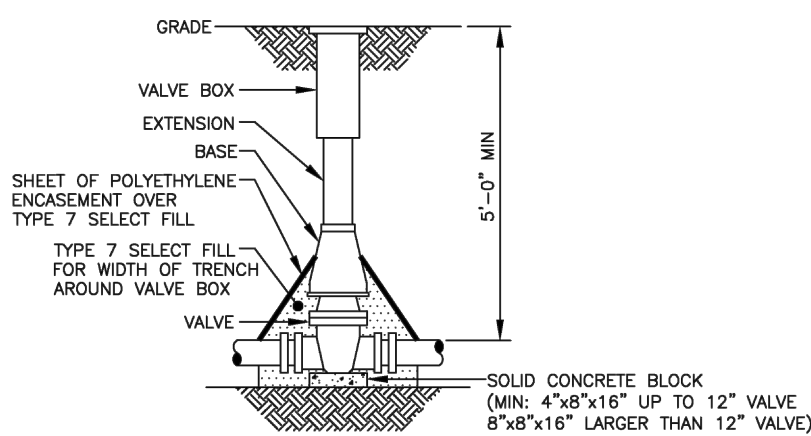
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TYPICAL STORM SEWER BUILDING LATERAL
N.T.S.

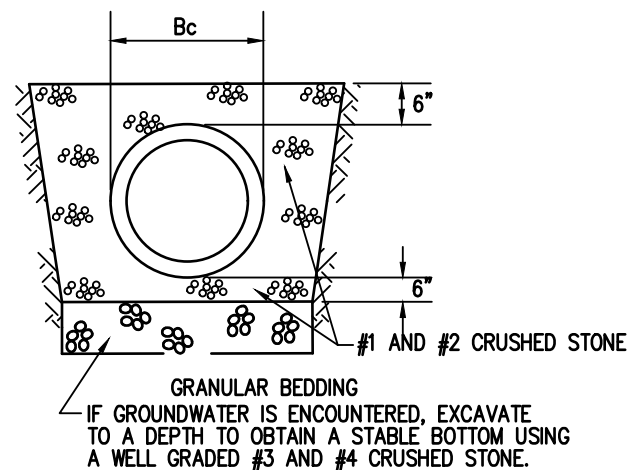


NON-DEDICATED PRIVATE ROAD
PAVEMENT CROSS SECTION (TYP.)
(N.T.S.)

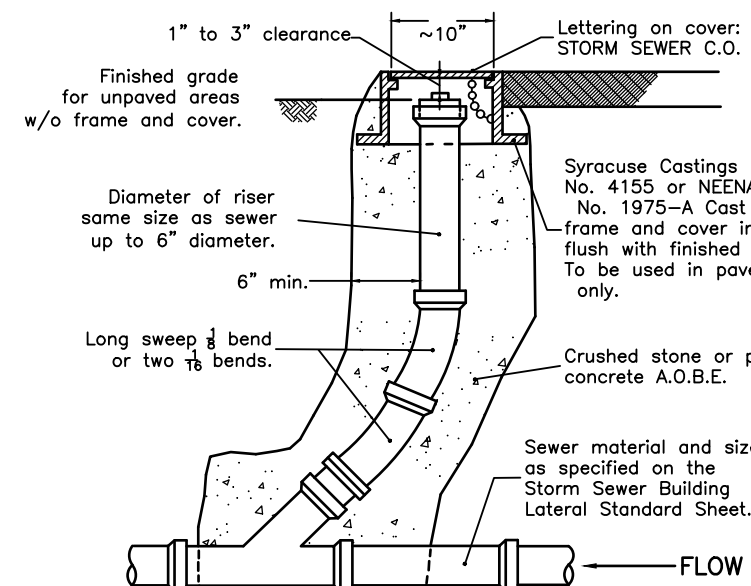


- NOTES:**
1. VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED BACKFILL.
 2. VALVE SHALL NOT SUPPORT VALVE BOX.
 3. ALL VALVES SHALL BE OPEN LEFT EXCEPT:
TOWN OF WEBSTER – VALVES 12" AND SMALLER SHALL OPEN RIGHT.
TOWN OF HENRIETTA – SHALL OPEN RIGHT

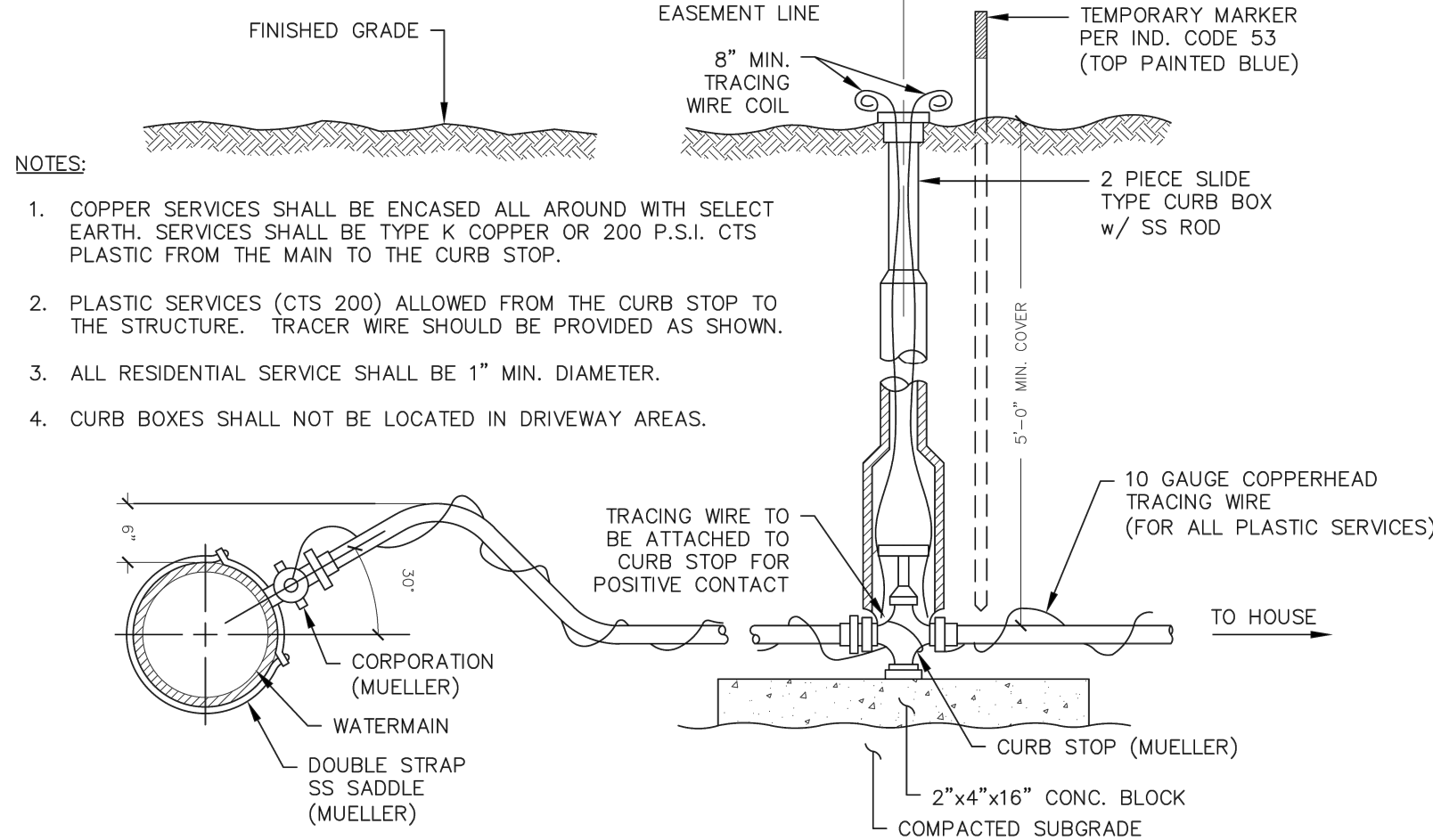
VALVE
NOT TO SCALE



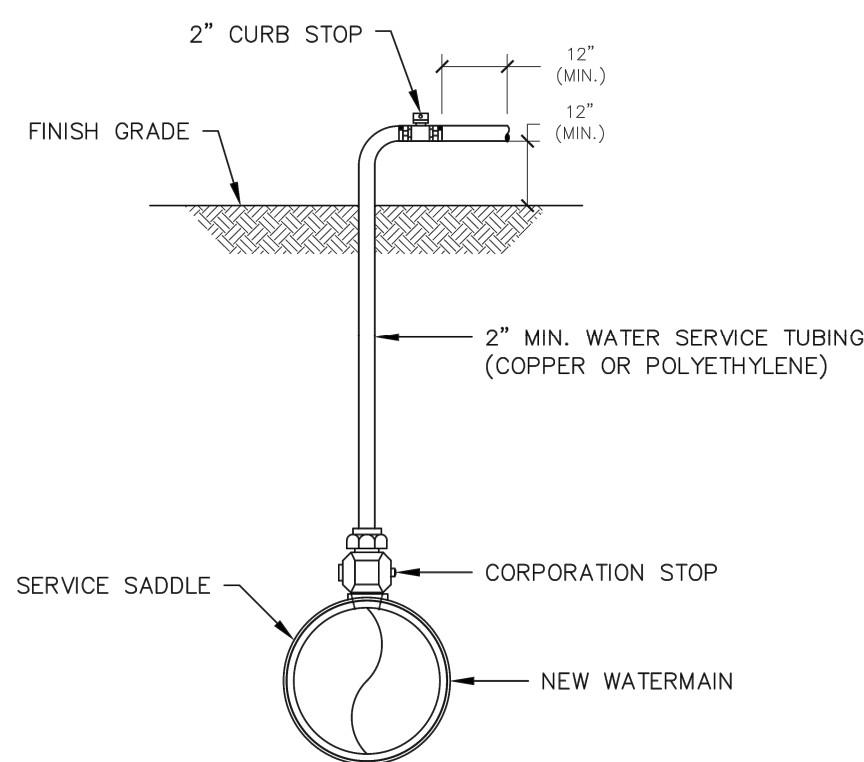
BEDDING DETAIL FOR
STORM SEWER
N.T.S.



STORM SEWER CLEANOUT
N.T.S.

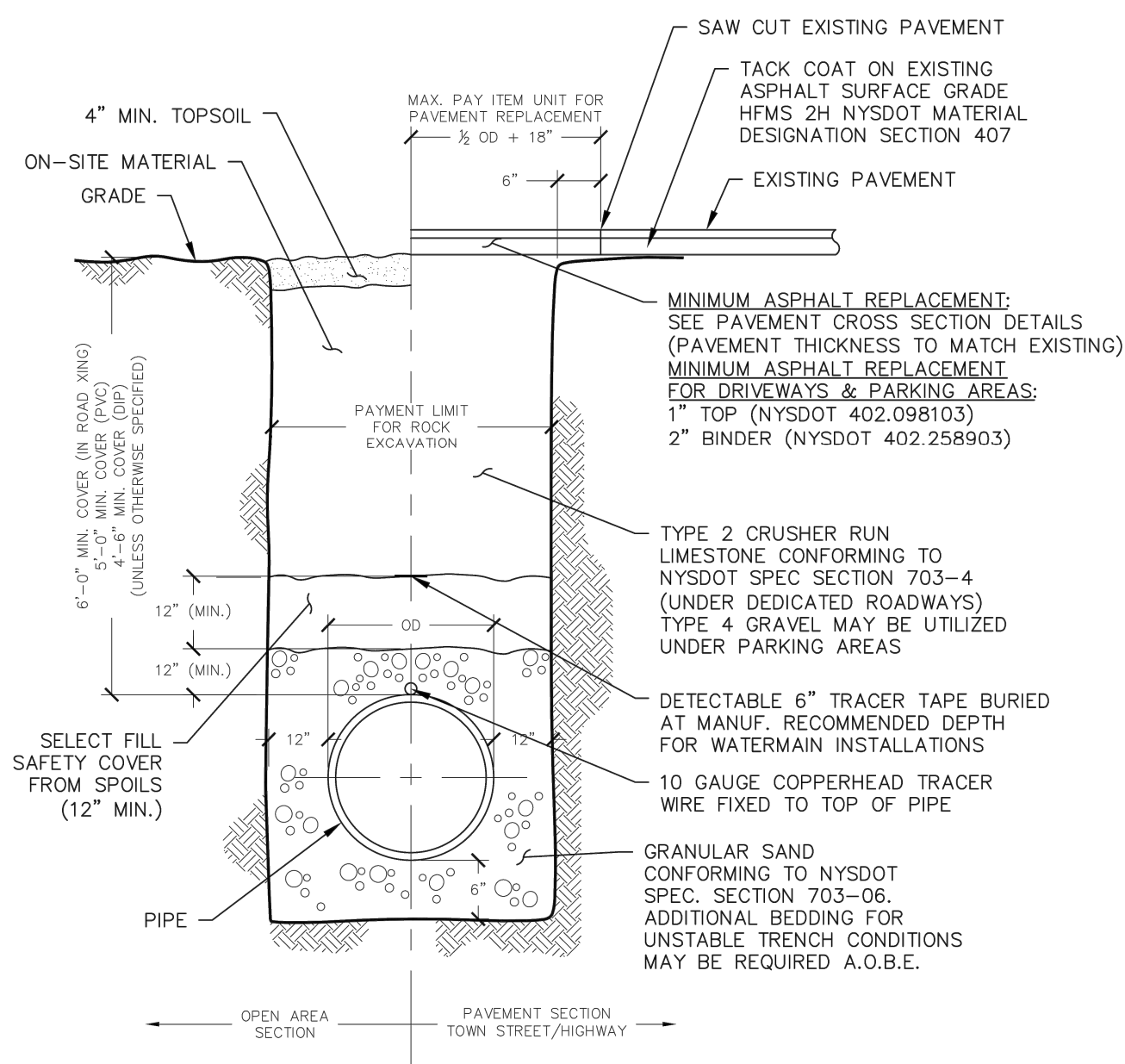


TYPICAL WATER SERVICE

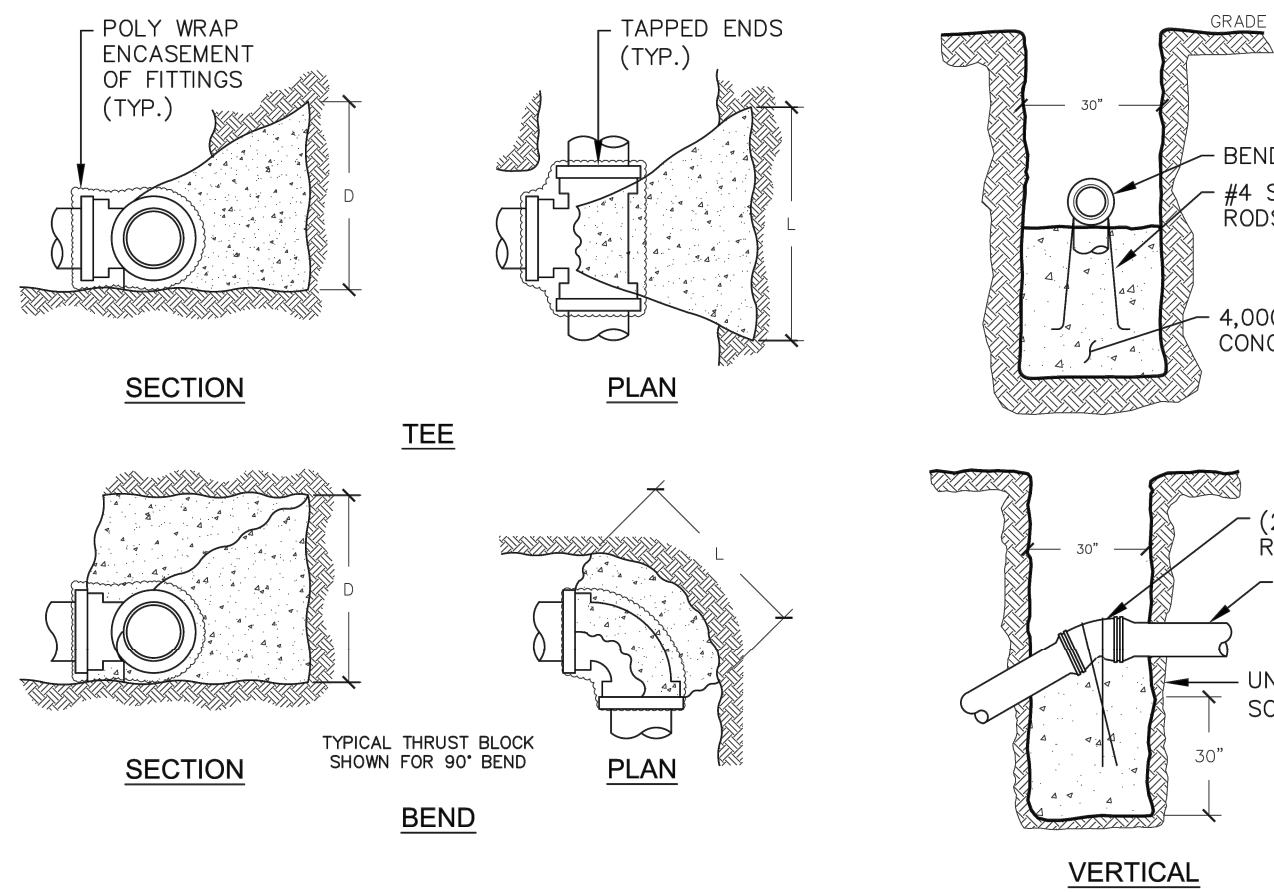


- NOTES:**
1. UPON NOTIFICATION FROM THE HEALTH DEPARTMENT THAT A SATISFACTORY WATER SAMPLE HAS BEEN OBTAINED, SHUT DOWN CORPORATION STOP AND REMOVE THE SERVICE TUBING.
 2. IMMEDIATELY PRIOR TO PLACING THE WATER MAIN IN SERVICE THE CONTRACTOR SHALL REMOVE ALL CORPORATIONS ASSOCIATED WITH TEMPORARY FACILITIES (I.E. SAMPLING TAPS, ETC.) AND REPLACE WITH THREADED BRASS PLUGS.
 3. FOR DISINFECTION/SAMPLING TAPS THAT ARE NOT NEEDED TO BLOW-OFF, "1" DISINFECTION/SAMPLING TAPS ARE ACCEPTABLE.
 4. 1000 LF MAXIMUM DISTANCE BETWEEN SAMPLE TAPS UNLESS OTHERWISE SPECIFIED BY ENGINEER.

TEMPORARY DISINFECTION / SAMPLING TAP / BLOW-OFF



PIPE BEDDING/ TRENCH DETAIL

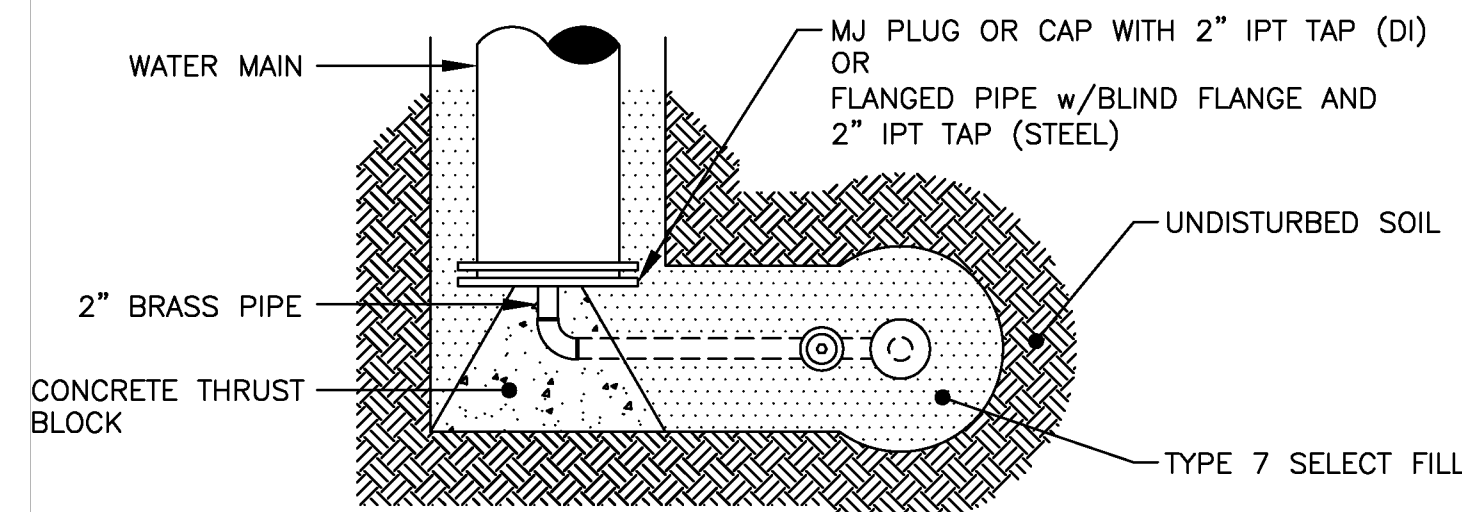


THRUST BLOCK DETAIL

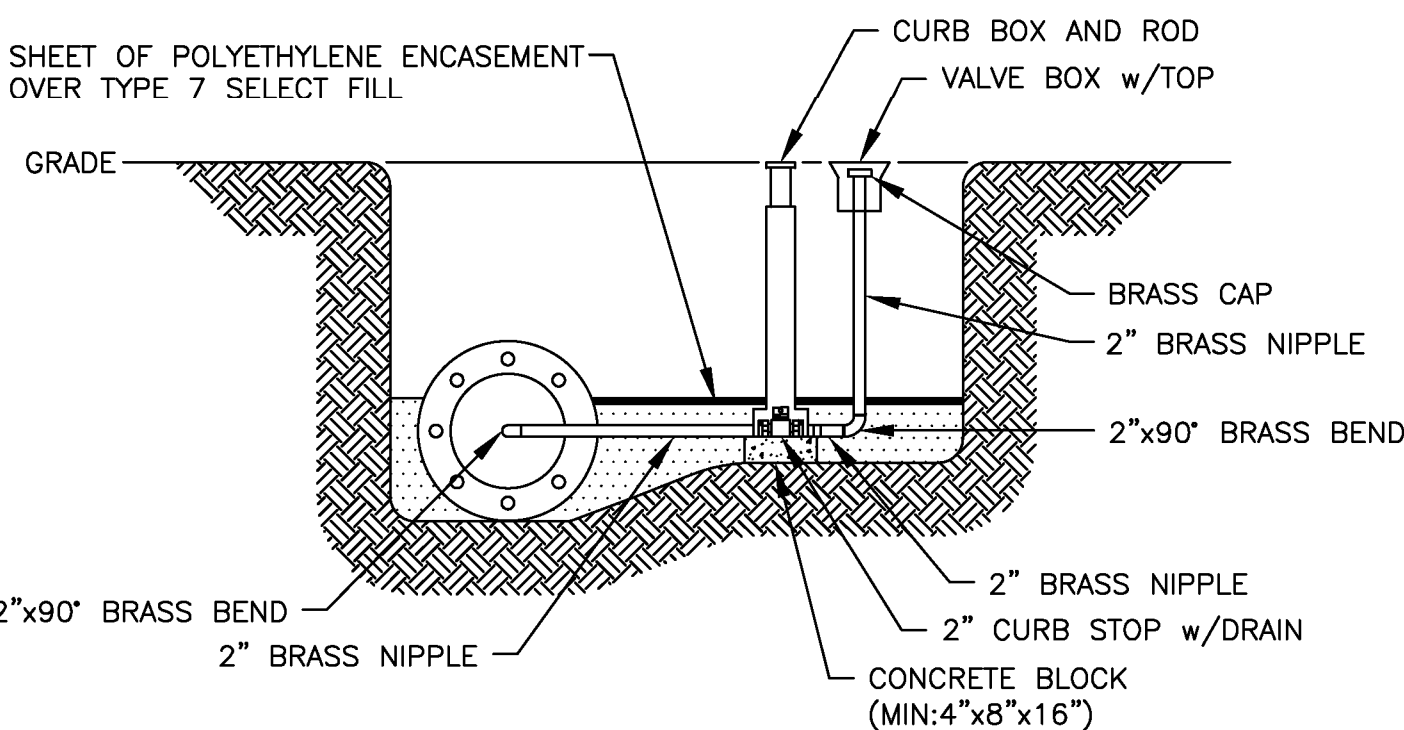
PIPE SIZE (INCHES)	WORKING PRESSURE (PSIG)	PLUG OF TEE		90° BEND		45° BEND		22-1/2° BEND	
		L	D	L	D	L	D	L	D
4	200	2.00	1.00	2.25	1.25	2.00	0.75	1.25	0.75
	300	2.50	1.25	2.75	1.50	2.25	1.00	1.50	1.00
6	200	3.00	1.25	3.25	1.75	2.50	1.25	2.00	0.75
	300	3.50	1.50	4.00	2.00	3.25	1.50	2.25	1.00
8	200	3.25	2.00	4.25	2.25	3.75	1.75	2.25	1.25
	300	4.00	2.50	5.25	2.75	4.00	2.25	3.00	1.50
10	200	4.25	2.25	5.25	2.50	4.00	2.00	3.00	1.25
	300	5.00	2.50	6.50	3.00	5.00	2.50	4.00	1.50
12	200	5.25	2.50	6.00	3.25	4.50	2.25	3.25	1.75
	300	6.25	3.25	7.50	4.00	5.50	2.75	4.25	2.00
14	200	5.50	3.25	7.25	3.50	5.25	2.50	3.25	2.00
	300	10.25	5.00	9.00	4.25	6.50	3.00	5.00	2.25
16	200	6.5	3.50	8.25	4.00	5.50	3.25	4.25	2.25
	300	8.25	4.25	10.00	5.00	7.25	3.75	5.25	3.00

- ### NOTES:
1. ALL DIMENSIONS ARE IN FEET.
 2. BEARING AREAS ARE BASED ON ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
 3. HEIGHT OF THRUST BLOCK SHOULD BE EQUAL TO OR LESS THAN $\frac{1}{2}$ THE DEPTH FROM THE GROUND SURFACE TO THE BASE OF THE BLOCK.
 4. ALL THRUST BLOCKS SHALL CURE A MINIMUM OF SEVEN (7) DAYS BEFORE ANY PRESSURE TESTS ARE CONDUCTED.
 5. CONCRETE SHALL BE MINIMUM 3000 PSI.
 6. RESTRAINING RODS MAY BE USED IN LIEU OF THRUST BLOCKS. METHOD TO USED SHALL BE APPROVED BY ENGINEER PRIOR TO PLACEMENT.

WATERMAIN THRUST BLOCK SCHEDULE

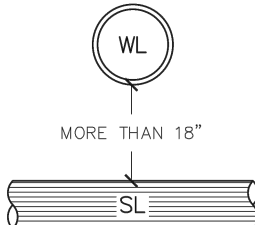
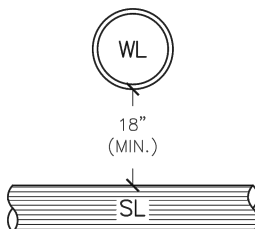
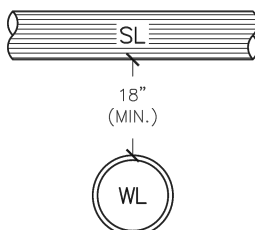
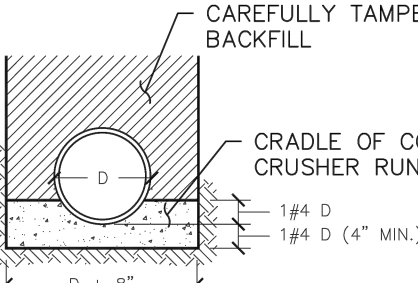


PLAN



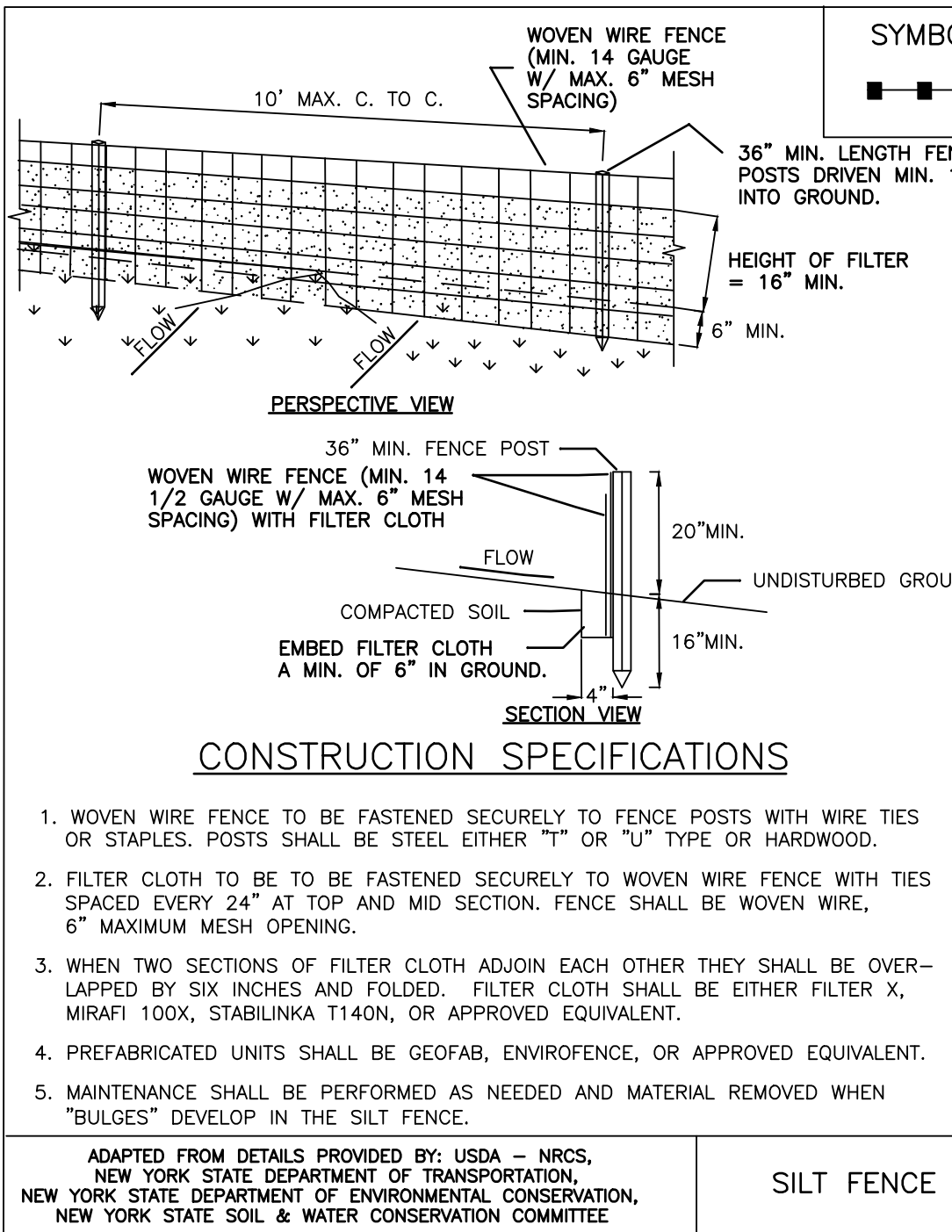
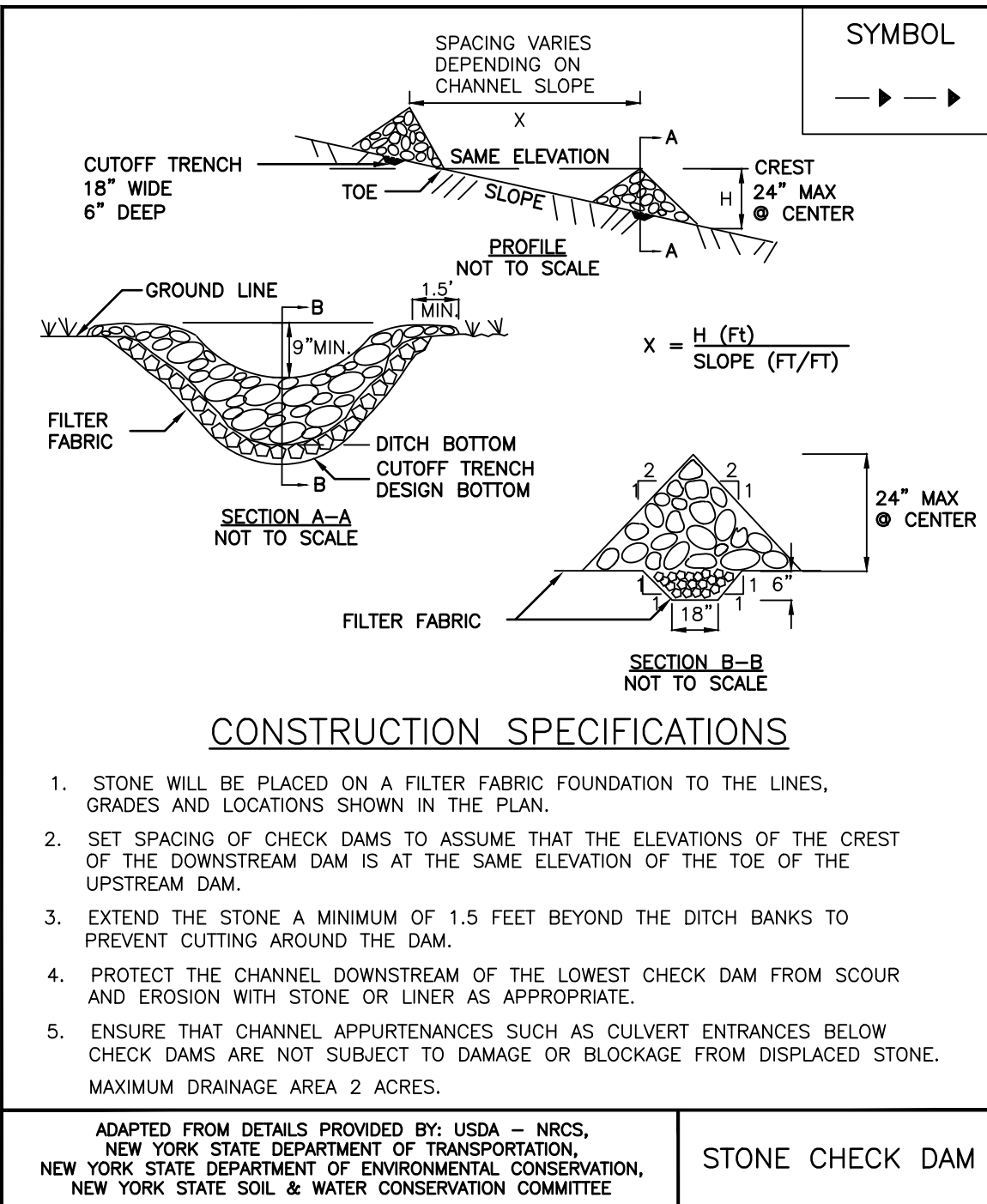
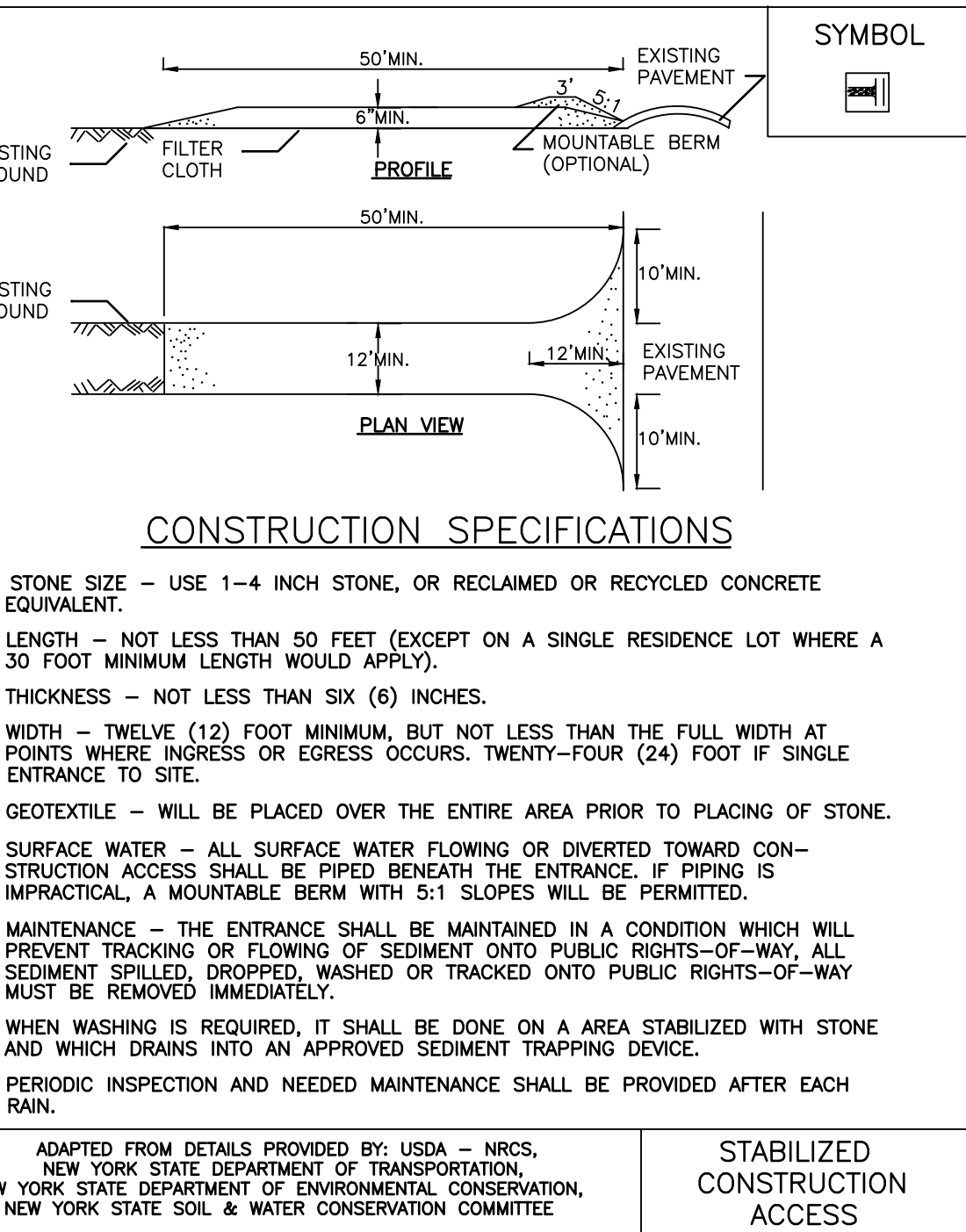
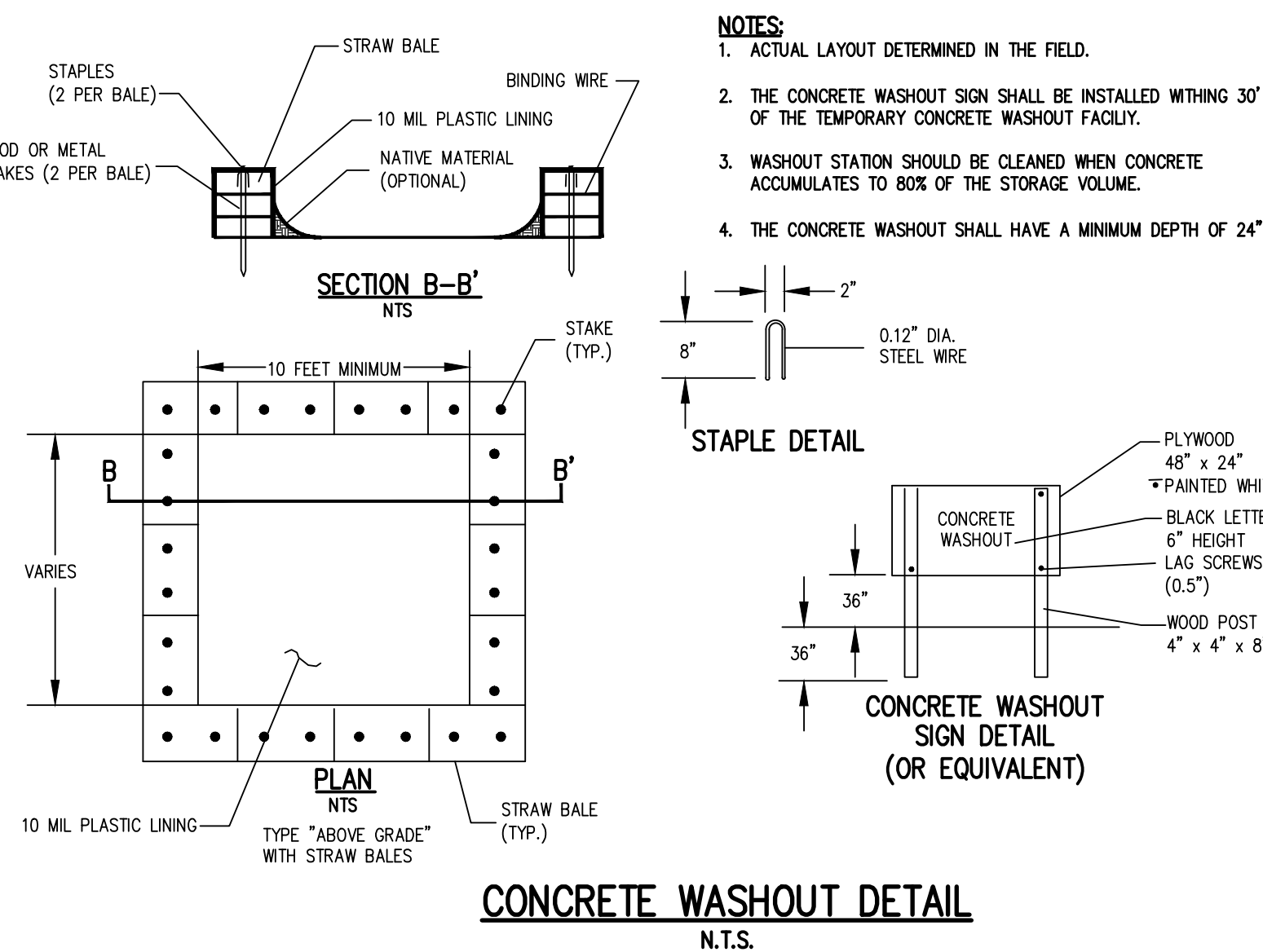
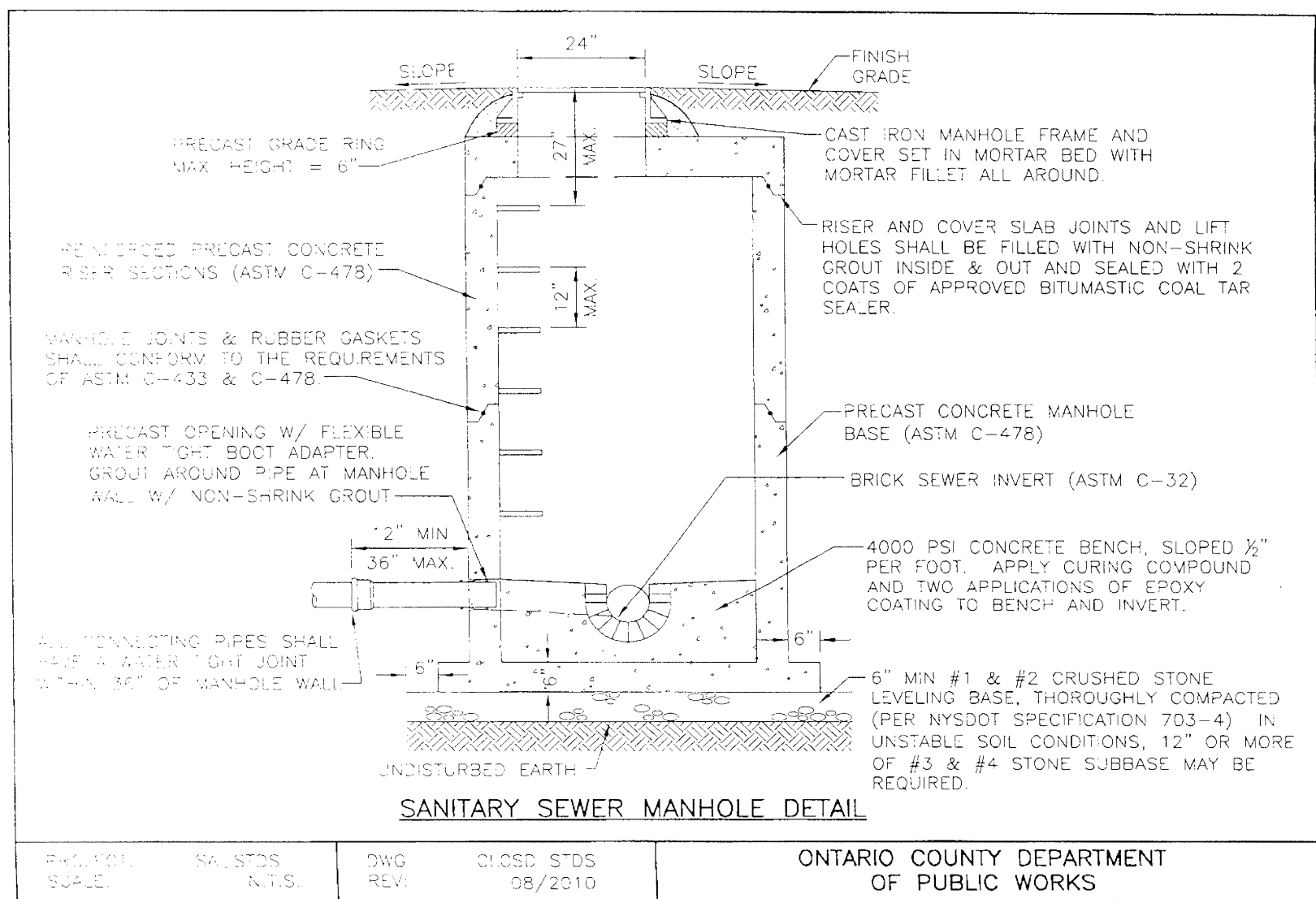
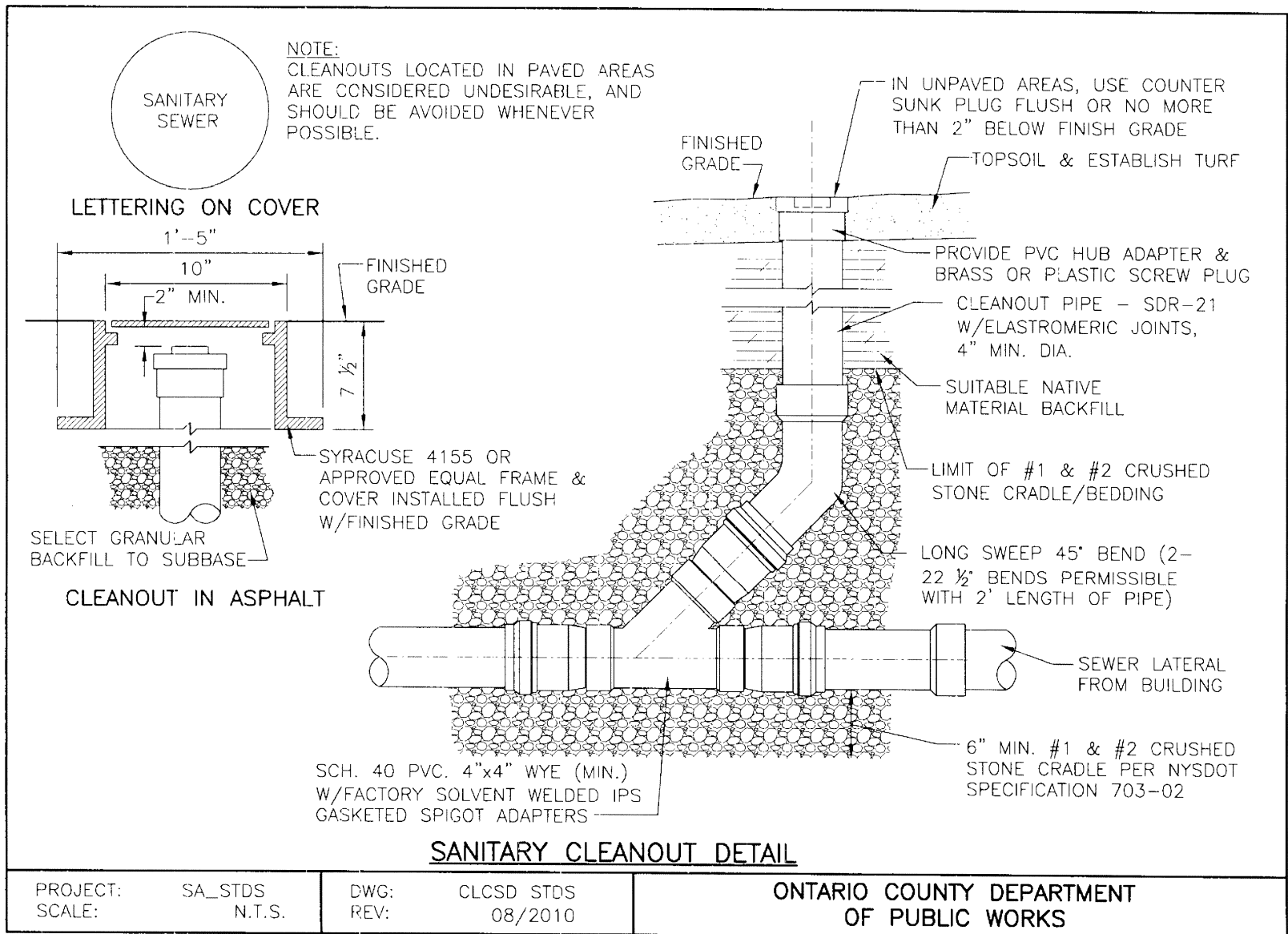
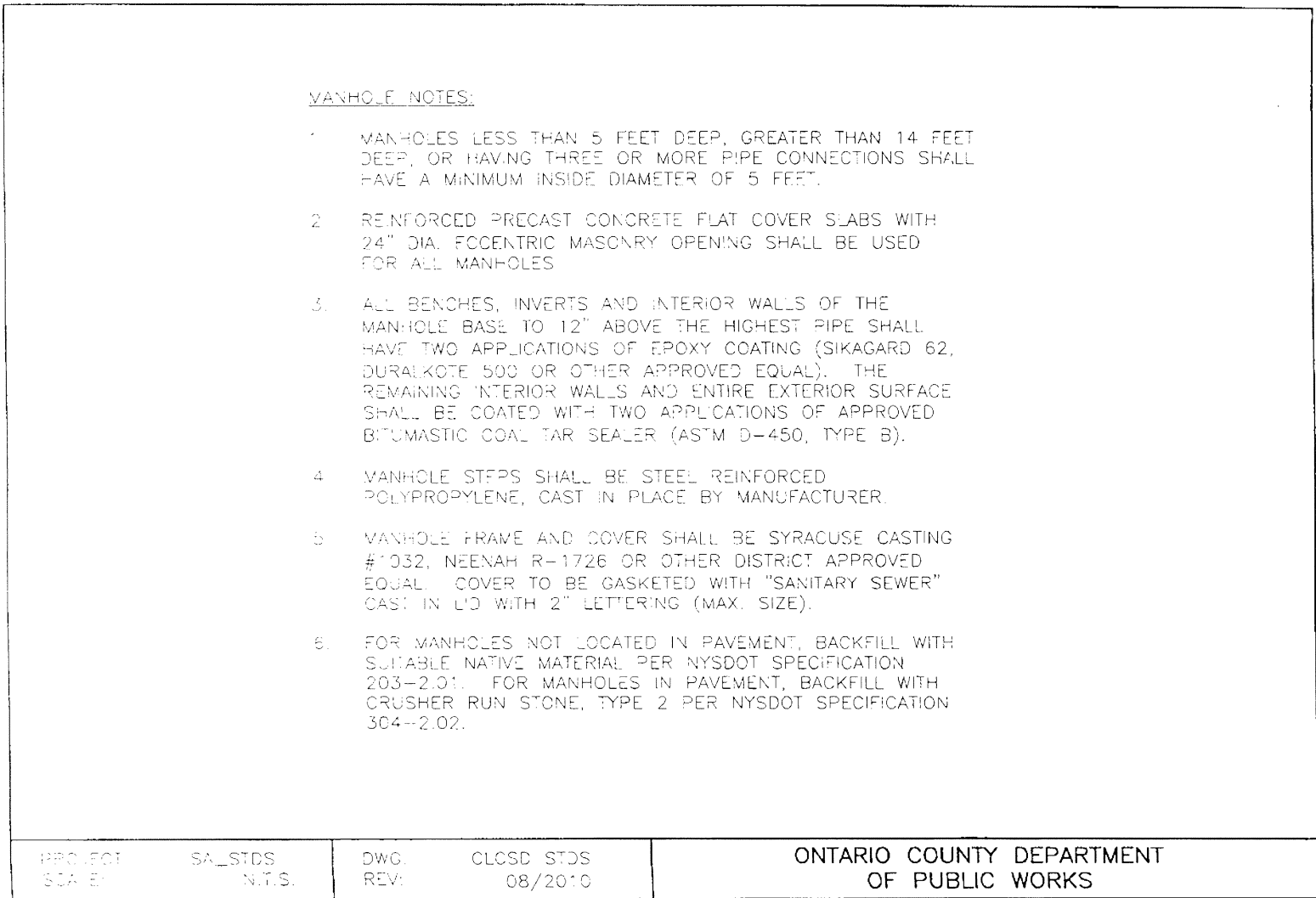
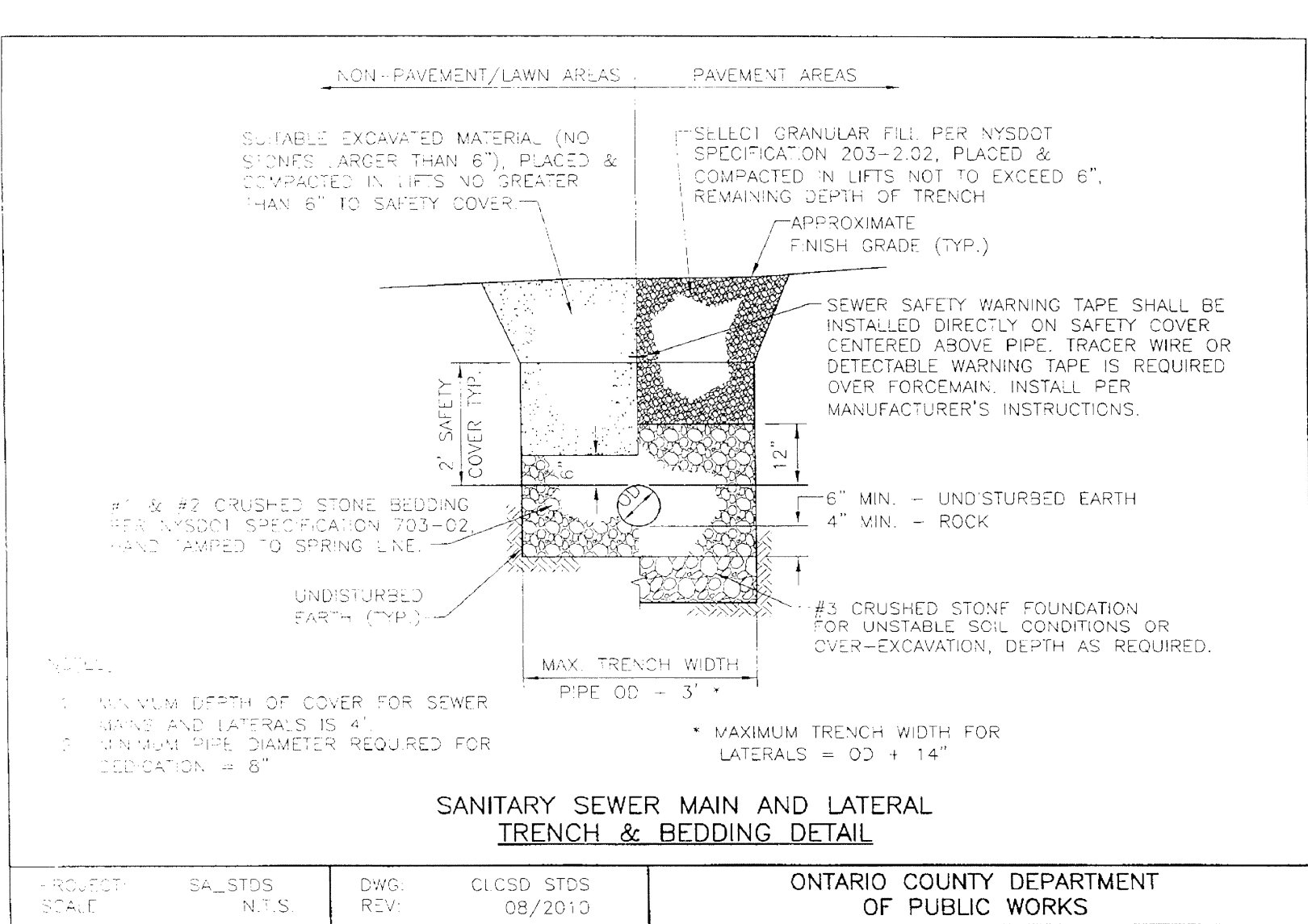
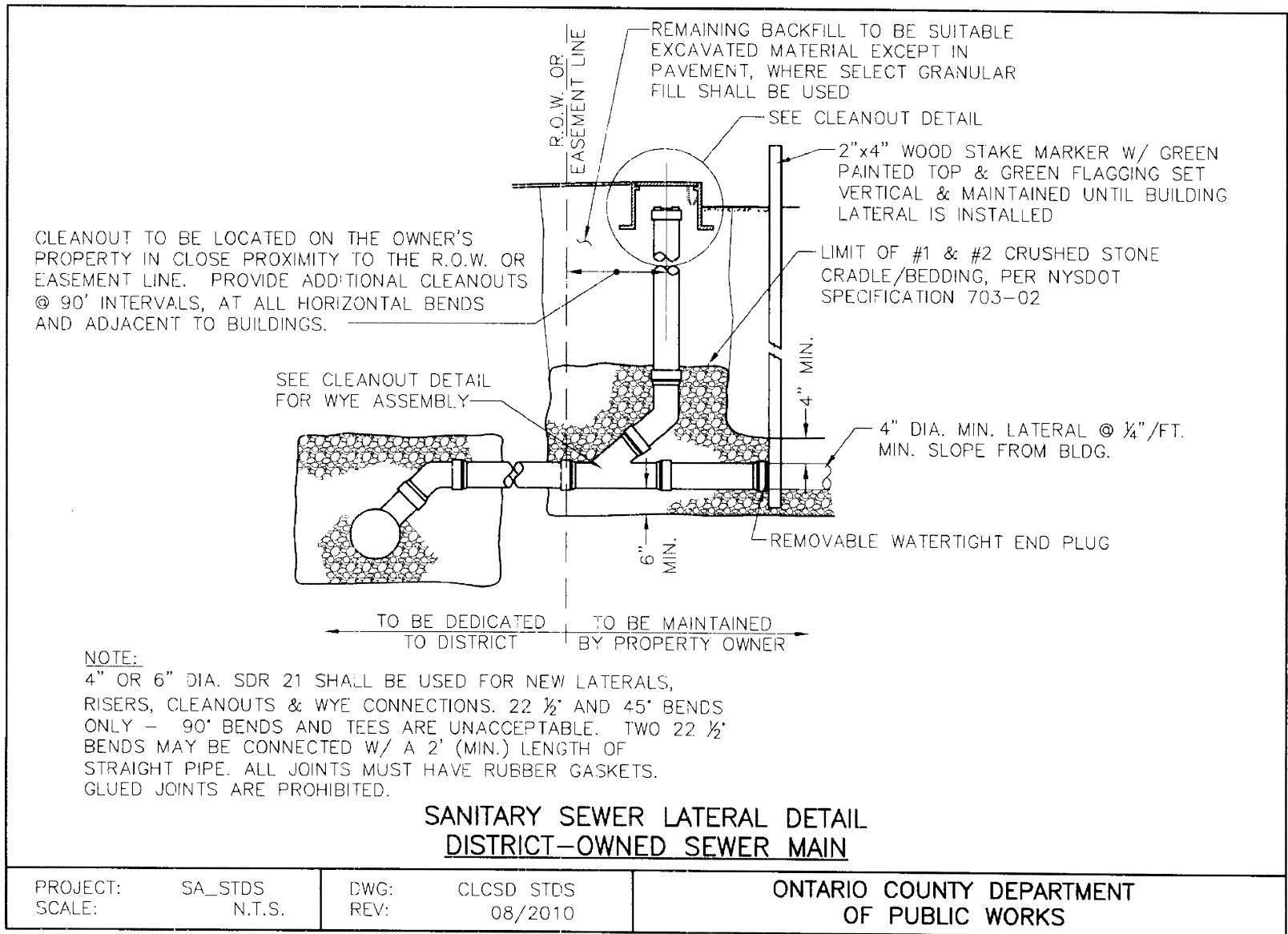
ELEVATION

PLUG OR CAP 2" BLOW-OFF
NOT TO SCALE

CONDITION	SCHEMATIC	REQUIREMENTS
I WATER LINE ABOVE SEWER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) BACKFILL WITH COMPACTED CRUSHER RUN STONE.
II WATER LINE ABOVE SEWER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) WHEN BOTH WATER LINE AND SEWER LINE ARE NEW, SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. C) WHEN ONE LINE IS EXISTING, SLEEVE PIPE BEING INSTALLED WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. D) BACKFILL WITH COMPACTED CRUSHER RUN STONE.
III SEWER LINE ABOVE WATER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. C) PROVIDE CRADLE OF CONCRETE OR CRUSHER RUN STONE (SEE TRENCH DETAIL BELOW) FOR WATER LINE AND SEWER LINE FOR 10 FT. EACH SIDE OF CROSSING.
<p align="center"><u>NOTES</u></p> <p>WL (WATER LINE) SL (SEWER LINE) D (OUTSIDE DIAMETER OF PIPE)</p> <p>IN NO CASE SHALL PIPES BE CLOSER THAN 18" APART. DISTANCES ARE MEASURED BETWEEN OUTSIDES OF PIPE.</p>		

WATERMAIN/SEWER CROSSING DETAIL

7			
6			
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1			
		REVISIONS	DATE
			BY



7	6	5	4	3	2	1	REVISIONS	DATE	BY

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PROJECT ENGINEER R. DESTRO
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SCALE N.T.S. **DATE ISSUED** FEBRUARY 2022
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DRAWING NO. 07
(SHEET 2 OF 2)