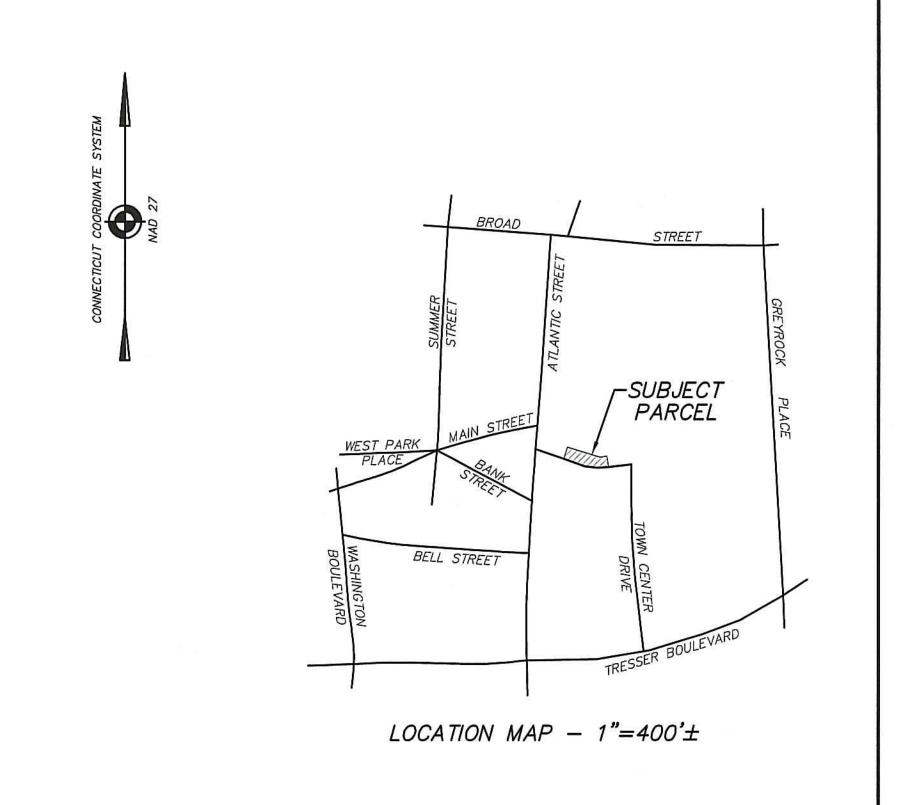
"THE OLD TOWNE HOTEL"

LOCATION

160 ATLANTIC STREET STAMFORD, CONNECTICUT

PREPARED FOR

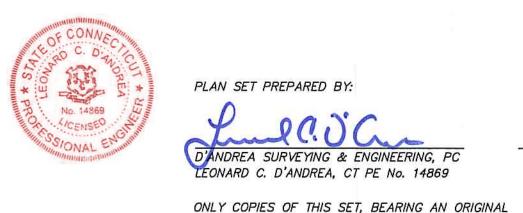
OLD TOWN SQUARE, LLC



SHEET INDEX

<u>SHEET</u>	TITLE	REVISION	DATE
1 OF 5	EXISTING CONDITIONS "TOPOGRAPHIC SURVEY"	2	2-23-23
2 OF 5	DEVELOPMENT PLAN	6	4-19-23
3 OF 5	SEDIMENTATION & EROSION CONTROL PLAN	6	4-19-23
4 OF 5	NOTES & DETAILS	2	4-14-22
5 OF 5	CONSTRUCTION LOGISTICS PLAN	6	4-19-23

4-19-23



IMPRINT OF THE ENGINEER'S EMBOSSED SEAL

D'ANDREA	SUR	VEYING	G &	ENGINEERING, INERS	PC	
	•	LAND	PLAN	INERS		

• LAND PLANNERS
• ENGINEERS
P.O. BOX 549
• SURVEYORS 6 NEIL LANE

TRANSFORMER LOCATION

REVISED PARKING AND WALKS

REVISED PARKING AND WALKS

REVISED PARKING AND WALKS

PREPARED FOR OLD TOWN SQUARE, LLC

ENGINEER BUREAU COMMENTS

RE-SUBMISSION Z.B.

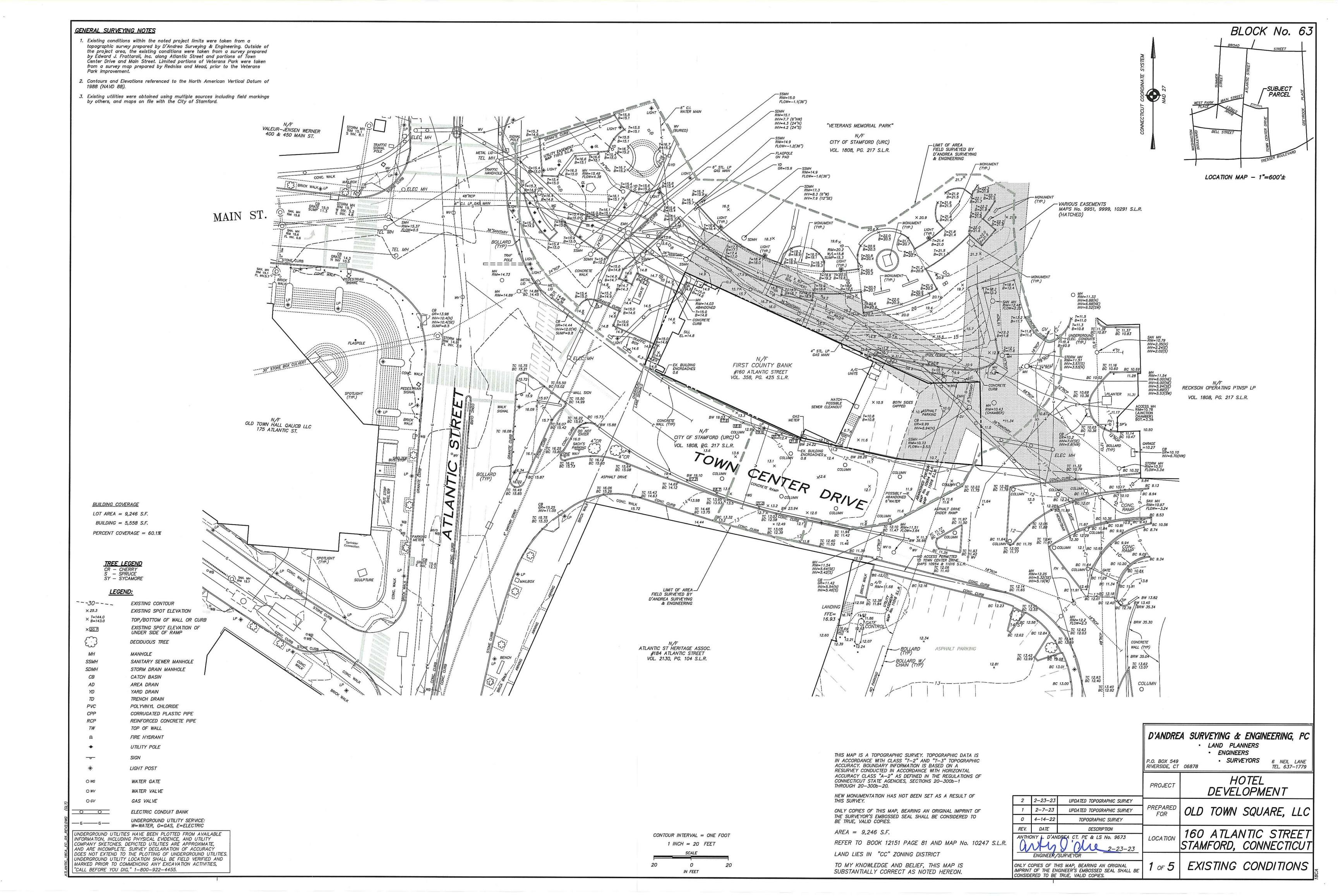
INITIAL SUBMISSION

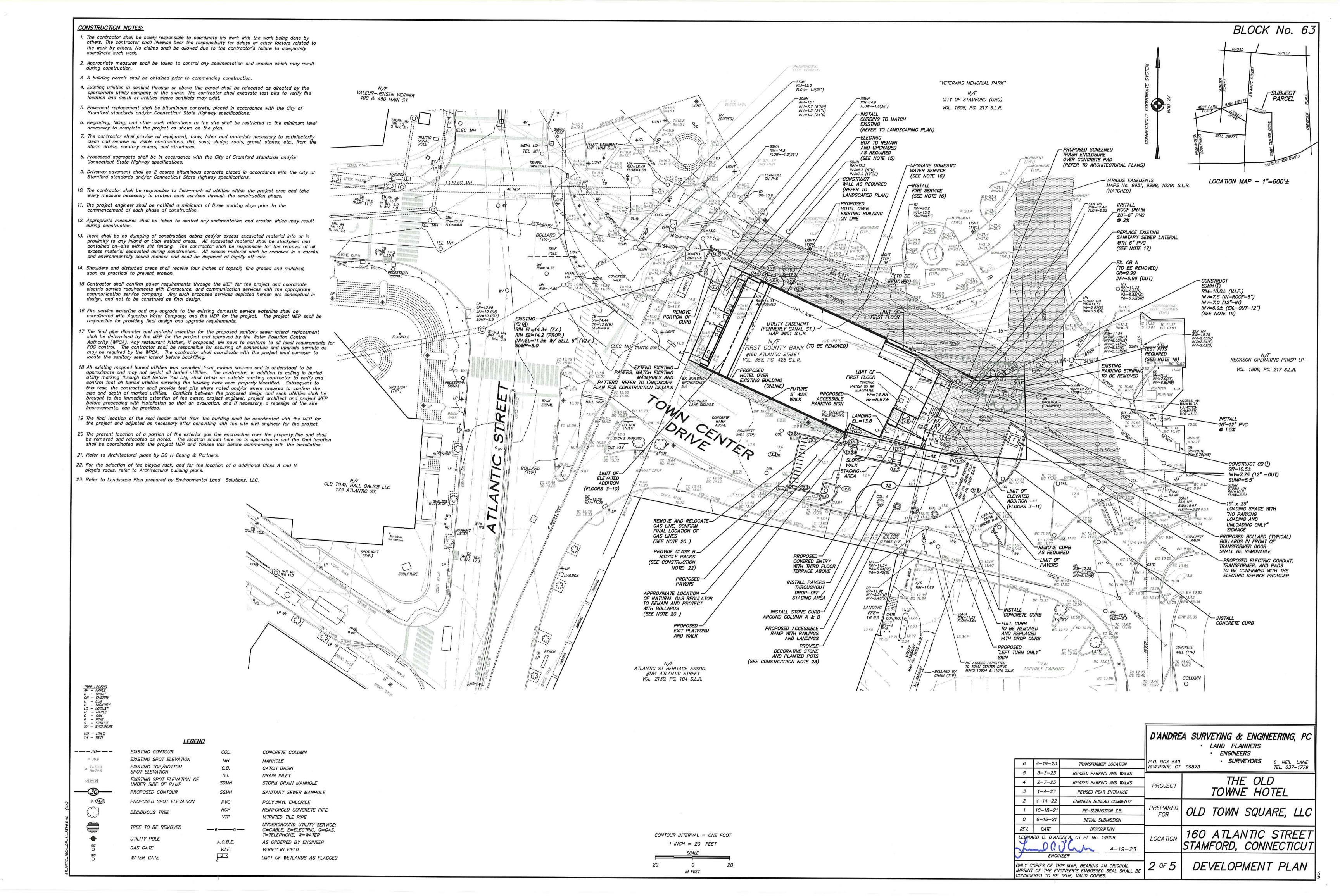
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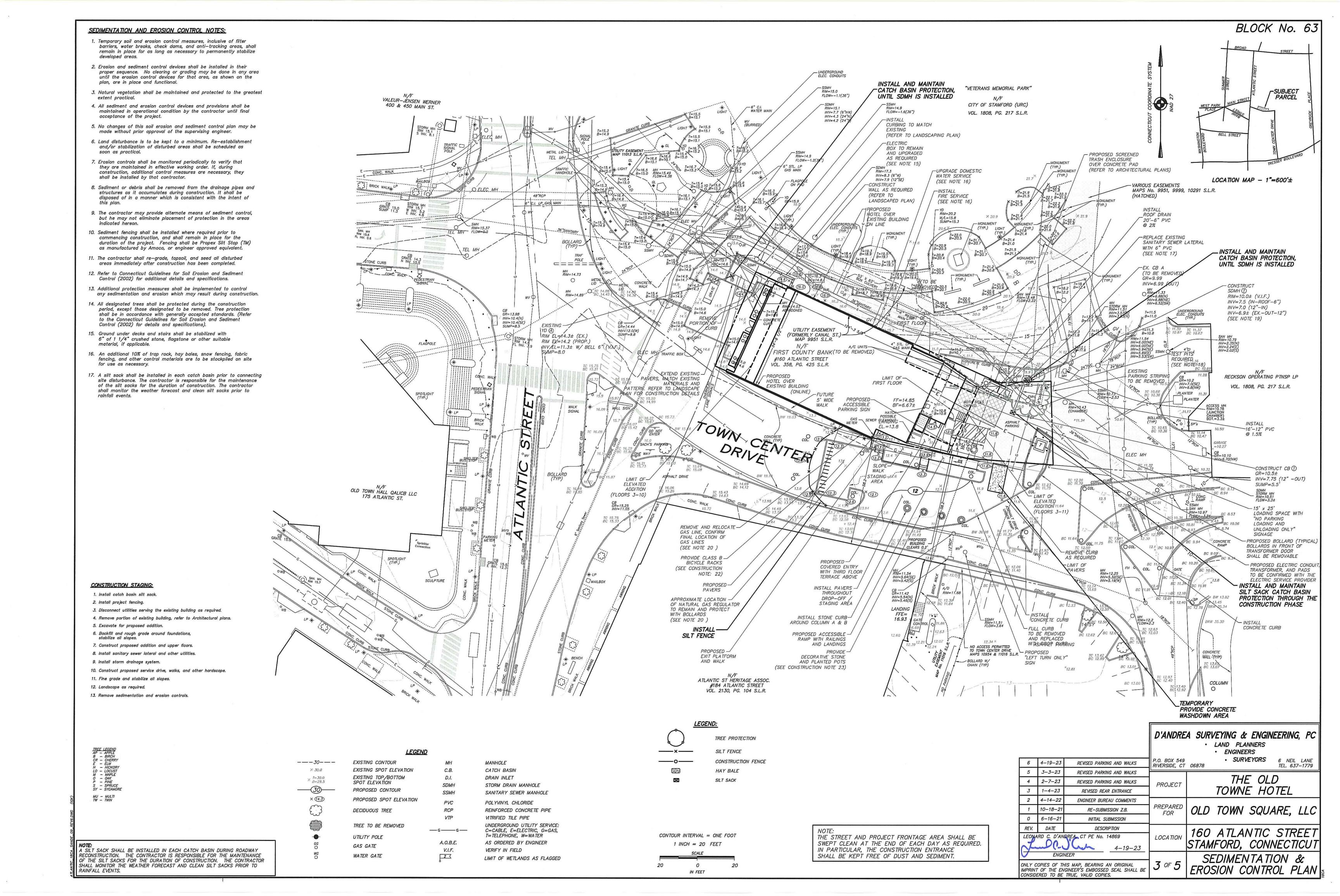
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160 ATLANTIC STREET
STAMFORD, CONNECTICUT

OVER_O7_REV6.DWG (IGK)







CONSTRUCTION NOTES:

- 1. The contractor shall be solely responsible to coordinate his work with the work being done by others. The contractor shall likewise bear the responsibility for delays or other factors related to the work by others. No claims shall be allowed due to the contractor's failure to adequately
- 2. Appropriate measures shall be taken to control any sedimentation and erosion which may result during construction.
- 3. All specimen trees shall be protected during the construction period, except those specifically designated to be removed, in accordance with generally accepted standards.
- 4. The proposed building shall be designed by the architect in order to conform with current applicable zoning setback criteria and regulations, and a building permit shall be obtained prior to commencing construction.
- 5. Existing utilities in conflict through or above this parcel shall be relocated as directed by the appropriate utility company or the owner. The contractor shall excavate test pits to verify the location and depth of utilities where conflicts may exist.
- 6. Pavement replacement shall be bituminous concrete, placed in accordance with the City of Stamford standards and/or Connecticut State Highway specifications.
- 7. The contractor shall not commence any paving until the grading and shaping of the compacted gravel base has been approved by the project engineer.
- 8. Regrading, filling, and other such alterations to the site shall be restricted to the minimum level necessary to complete the project as shown on the plan.
- 9. Existing inverts on storm drains, sanitary sewers, and utility conduits shall be field verified where appropriate, before commencing construction. The contractor shall excavate test pits where indicated hereon or wherever design conflicts may occur. The contractor shall notify the project engineer of the test pit schedule. Design conflicts if any, shall be brought to the immediate attention of the project engineer. Plate or backfill and patch test pits as directed by the project engineer.
- 10. Manhole structures shall be precast concrete with gaskets as manufactured by Eastern Precast Co., Inc. or engineer approved equal, unless noted otherwise.
- 11. Precast concrete cone section to be eccentric. Flat slab tops to have eccentric openings, Eccentric cone sections shall be used when the vertical distance between manhole frame and top of highest pipe is six (6) feet or greater, otherwise flat slab tops shall be used. Aluminum manhole steps (drop form type) shall be provided in all manholes at 12 inch intervals. Each step shall be capable of supporting a minimum load of 1,000 pounds. Wall joints to be "O-ring" rubber gasket type with the interior and exterior faces of joints to be sealed with waterproof non-shrink grout.
- 12. Connection between manholes and PVC sanitary sewer or storm drain pipes shall be made with flexible rubber boot type connections sealed water tight with a stainless steel clamp. The contractor shall make sure that all connections of new sanitary sewers to manholes are water tiaht. Connections to manholes for reinforced concrete storm and sanitary sewer pipe shall be made with concrete brick masonry and non-shrink grout. The Contractor shall make sure that all connections of new sanitary sewers to manholes are water tight.
- 13. All gravity PVC storm drain and sanitary sewer pipes shall conform to ASTM D 3034 "Standard Specification for type PSM Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings" or approved equal (SDR35).
- 14. Corrugated plastic pipe (CPP) shall be HDPE, N-12, smooth interior pipe as manufactured by Advanced Drainage Systems, Inc. or engineer approved equal and shall comply with AASHTO M294-94 Type S (smooth inner liner).
- 16. Where unsuitable foundation is encountered during construction of storm drains or sanitary sewers, the contractor shall remove the unsuitable material and replace it with other material approved by the project engineer.
- 17. Bedding and backfill material shall conform to ASTM D2321 specification "standard recommended practice for underground installations of flexible thermoplastic sewer pipe (PVC).
- 18. All storm drainage and sewer connections shall be sloped at 2% (minimum) or as otherwise noted.
- 19. The contractor shall provide all equipment, tools, labor and materials necessary to satisfactorily clean and remove all visible obstructions, dirt, sand, sludge, roots, gravel, stones, etc., from the storm drains, sanitary sewers, and structures.
- 20. Processed aggregate shall be in accordance with the City of Stamford standards and/or Connecticut State Highway specifications.
- 21. All existing manhole frames, catch basin grates, and utility structures shall be adjusted to new finish arade as required. Contractor to coordinate with existing utility companies to ensure their facilities are adjusted to finish grade.
- 22. All traffic control devices including traffic signs and pavement markings shall be installed in conformance with the current edition of the Manual on Uniform Traffic Control Devices for Streets and Highways, U.S. Department of Transportation, Federal Highway Administration.
- 23. All utility relocations and installations shall be coordinated with each respective utility company prior to construction. Coordinate all utility installation and connection specifications with each respective utility company.
- 24. All construction shall be inspected by a professional engineer prior to backfill and as the work progresses.
- 25. The project engineer shall be notified a minimum of three working days prior to the commencement of each phase of construction.
- 26. Appropriate measures shall be taken to control any sedimentation and erosion which may result
- 27. There shall be no dumping of construction debris and/or excess excavated material into or in proximity to any inland or tidal wetland areas. All excavated material shall be stockpiled and contained on-site within silt fencing. The contractor shall be responsible for the removal of all excess material excavated during construction. All excess material shall be removed in a careful and environmetally sound manner and shall be disposed of legally off-site.
- 28. Shoulders and disturbed areas shall receive four inches of topsoil; fine graded and seeded as soon as practical to prevent erosion.
- 29. Regrading, filling, and other such alterations to the site shall be restricted to the minimum level necessary to complete the project as shown on the plan.

STANDARD CITY OF STAMFORD NOTES:

- 1. A Street Opening Permit is required for all work within the City of Stamford Right-of-Way.
- All work within the City of Stamford Right-of-Way shall be constructed to City of Stamford requirements, the State of Connecticut Basic Building Code and the Connecticut Guidelines for Soil Erosion and Sedimentation Control.
- The Engineering Bureau of the City of Stamford shall be notified three days prior to any commencement of construction or work within the City of Stamford Rightof—Way.
- 4. Trees within the City of Stamford Right-of-Way to be removed shall be posted in accordance with the Tree Ordinance.
- 5. Prior to any excavation the Contractor and/or Applicant/Owner, in accordance with Public Act 77-350, shall be required to contact "Call Before You Dig" at 1-800-922-4455 for mark out of underground utilities.
- 6. All retaining walls three (3) feet or higher measured from finished grade at the bottom of the wall to finished grade at the top of the wall and retaining walls supporting a surcharge or impounding Class I, II or III-A liquids are required to have a Building Permit. Retaining walls shall be designed and inspected during construction by a Professional Engineer licensed in the State of Connecticut. Prior to the Issuance of a Certificate of Occupancy, retaining walls shall be certified by a Professional Engineer licensed in the State of Connecticut
- 7. Certification will be required by a professional engineer licensed in the State of Connecticut that work has been completed in compliance with the approved drawings.
- 8. A Final Improvement Location Survey will be required by a professional land surveyor licensed in the State of Connecticut.
- 9. Connection to a city-owned storm sewer shall require the Waiver Covering Storm Sewer Connection to be filed with the City of Stamford Engineering Bureau.
- 10. Granite block or other decorative stone or brick, depressed curb, driveway apron and curbing within the City of Stamford Right-of-Way shall require the Waiver Covering Granite Block Depressed Curb and Driveway Aprons to be filed with the City of Stamford Engineering Bureau.
- 11. Sediment and erosion controls shall be maintained and repaired as necessary throughout construction until the site is stabilized.
- 12. To obtain a Certificate of Occupancy, submittal must include all items outlined in the Checklist for Certificate of Occupancy (Appendix D of the City of Stamford Drainage Manual).

STAMFORD DRAINAGE MAINTENANCE REQUIREMENTS AND SCHEDULE:

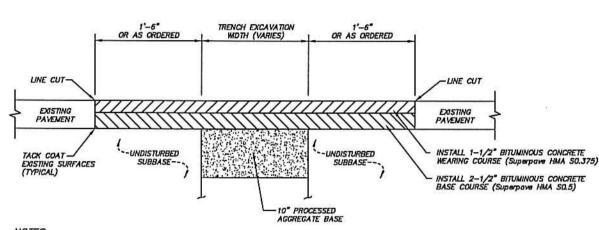
NOTE: THE FOLLOWING IS A BEST PRACTICE MAINTENANCE SCHEDULE FOR THE STORMWATER MANAGEMENT STRUCTURES DESIGNED HERIN ON THIS PLAN SET FOR THE OWNERS OF THE SUBJECT PARCEL TO FOLLOW. IT IS NOT INTENDED TO DESCRIBE OR SUPERSEDE THE MAINTENANCE AGREEMENT COVENANT OF THE SUBJECT PARCEL, AS REQUIRED BY THE CITY OF STAMFORD UPON COMPLETION OF WORK AND PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY. REFER TO THE CITY OF STAMFORD DRAINAGE MAINTENANCE AGREEMENT COVENANT REGARDING LONG-TERM MAINTENANCE REQUIREMENTS, CITY APPROVAL, CITY RIGHTS TO INSPECTION, AND PENALTY AND LEGAL ACTION FOR FAILURE OF COMPLIANCE TO SAID AGREEMENT COVENANT.

1. OWNER shall clean the drainage facilities or cause such facilities to be cleaned by periodic removal of accumulated sediment and debris in a good and workman-like manner, at least two (2) times during every twelve (12) month period, which times shall be in the period between April and June and between October and December and more often as the City may determine to be necessary.

2. OWNER shall sweep, or cause to be swept, garage facilities, driveways and roadway surfaces located on the Property at least once per calendar quarter.

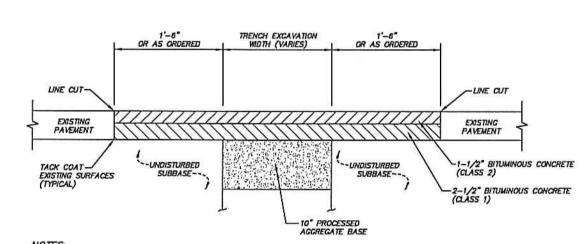
3. OWNER shall utilize only sand or calcium chloride in connection with the de-icing of areas within the Property meaning and intending that road salt (Sodium Chloride) shall not be used for said purpose. 4. OWNER shall repair or replace any defects or defective drainage facilities so as to maintain the drainage facilities, at all times, in a fully functional capacity.

5. OWNER shall file as-built drainage plans with the EPB immediately upon the completion of work. Said plans shall be prepared by a professional engineer/surveyor registered in the State of Connecticut.



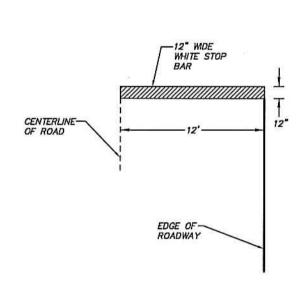
1. IF ANY EXISTING ASPHALT IS THICKER THAN 4" THEN MATCH EXISTING ASPHALT THICKNESS. 2. ANY CONCRETE ROADWAY BASE THAT IS REMOVED SHALL BE REPLACED IN KIND.

DETAIL FOR TRENCH REPAIR



1. IF ANY EXISTING ASPHALT IS THICKER THAN 3 1/2" THEN MATCH EXISTING ASPHALT THICKNESS.
2. ANY CONCRETE ROADWAY BASE THAT IS REMOVED SHALL BE REPLACED IN KIND.

DETAIL FOR TRENCH REPAIR



STOP BAR DETAIL

STOP BAR NOTES:

- 1. STOP BARS TO BE 12" MIN. UNLESS OTHERWISE NOTED ON PLANS. 2. STOP BARS TO BE MARKED A MINIMUM OF 4' IN ADVANCE OF NEAREST EDGE OF CROSSWALK.
- 3. IN ABSENCE OF MARKED CROSSWALK THE STOP BAR SHALL BE PLACED AT THE DESIRED STOPPING POINT. IN NO CASE MORE THAN 30' OR LESS THAN 5' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY AND 90' TO THE CENTERLINE OF ROADWAY.

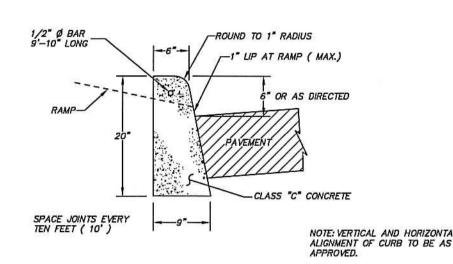
BACKGROUND

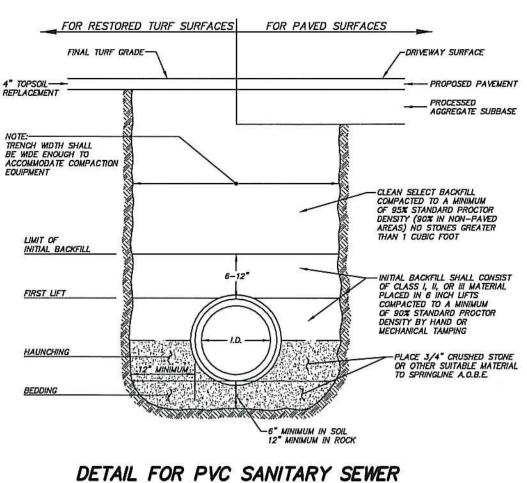
LETTERS

"LEFT TURN ONLY" SIGN DETAIL (K-1831)

4. THE STOP BAR SHALL ORDINARILY BE PLACED IN LINE WITH THE STOP SIGN. HOWEVER, IF THE STOP SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO STOP, THE STOP BAR SHOULD BE PLACED AT THE STOPPING POINT.

SEWER STRUCTURE WITH TWO 2" X 2" X 3' STAKES EACH BALE HAY BALE INSTALLATION AT CATCH BASINS

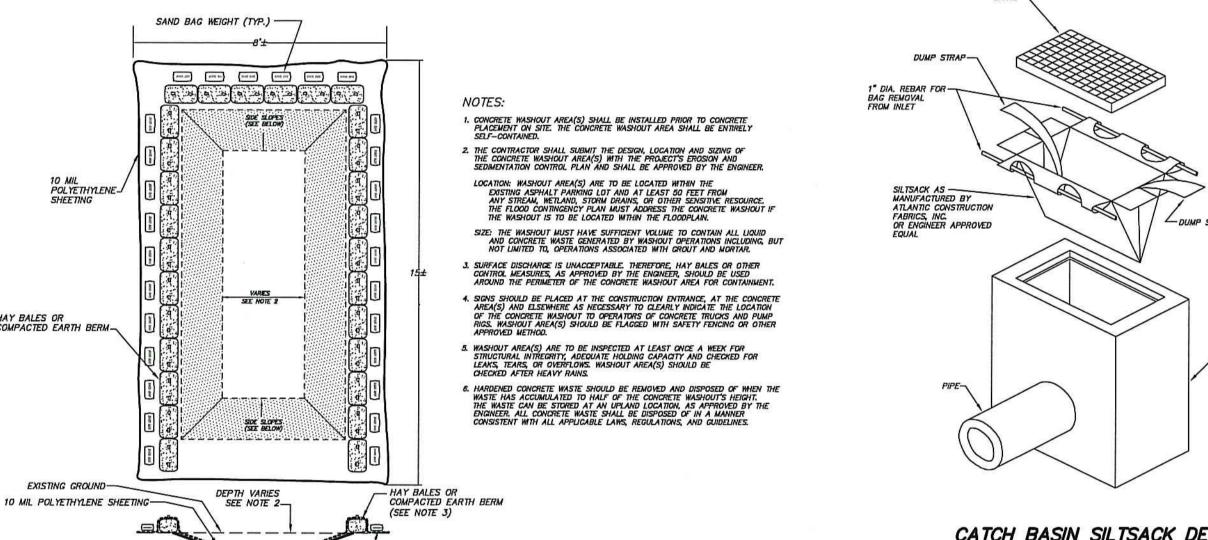




AND PVC/CPP STORM DRAIN INSTALLATION

1. REFER TO ASTM D2321 (STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY—FLOW APPLICATIONS) FOR TRENCHING SPECIFICATIONS.

CONCRETE CURB



CONCRETE WASHOUT AREA

HAY BALES OR COMPACTED EARTH BERM

EXISTING GROUND

All "NO RIGHT TURN" signs shall be a 24-inch white square on which is inscribed

"NO RIGHT TURN" sign legend, color, size, and installation shall be in conformance

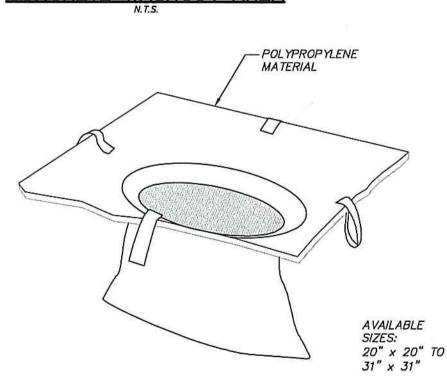
with the Manual on Uniform Traffic Control Devices for Streets and Highways, U.S.

Department of Transportation, Federal Highway Administration, Millennium Edition,

"NO RIGHT TURN" SIGN DETAIL (R3-1)

All "NO RIGHT TURN" signs shall be installed at a height of at least 5 feet,

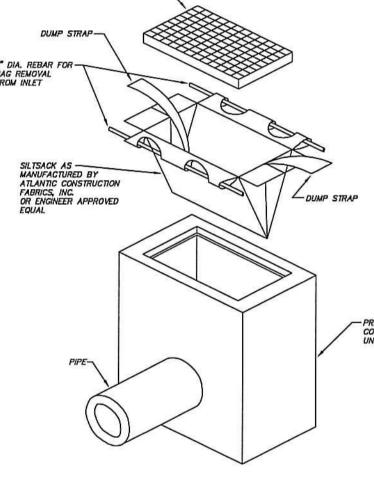
measured from the bottom of the sign to the near edge of the pavement.



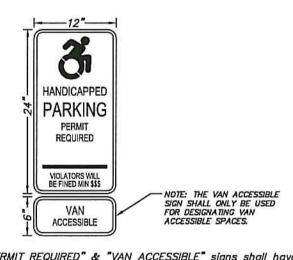
SAND BAGS TO SECURE

DIRECTED BY ENGINEER

PIG™— STORM DRAIN FILTER DETAIL



<u>CATCH BASIN SILTSACK DETAIL</u>



"HANDICAPPED PARKING PERMIT REQUIRED" & "VAN ACCESSIBLE" signs shall have white lettering against a blue background.

All accessible signage sizes, lettering, and symbols shall comply with federal and state specifications. All accessible signage shall be installed 60" (minimum) above the floor or ground

HANDICAPPED PARKING SPACE SIGN DETAIL

surface of the parking space, measured to the bottom of the sign.

Confirm fine amount prior to sign fabrication.

STORM DRAIN MANHOLE DETAIL

 $B \longrightarrow$

SECTION "B-B"

SINGLE CATCH BASIN DETAIL (TYPE "CL")

CATCH BASIN SHALL HAVE A MINIMUM SUMP OF 2 FEET AS MEASURED FROM THE LOWEST PIPE INVERT ELEVATION

TO THE INTERIOR BOTTOM OF THE STRUCTURE.

--- 24" DIA. ---

12"(TYP.)

MORTAR -

2'-0"(MAX.)

ALUMINUM MANHOLE STEPS OR APPROVED EQUAL

CATCH BASIN FRAME AND GRATE TO BE PATTERN No. 3408

BITUMINOUS CONCRETE-

PIPE SIZE VARIES

ABLE FOR CATCH BASIN

TRAP ASSEMBLY

PIPE SIZE CAMPBELL FOUNDRY
PATTERN NUMBER

/ CASTING AND COVER SHALL BE EQUAL TO PATTERN No. 1027 AS MANUFACTURED BY CAMPBELL FOUNDRY COMPANY OR APPROVED EQUAL, COVER SHALL HAVE "STAMFORD CONN" CAST ON COVER

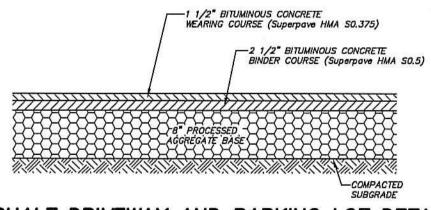
-ADJUST IF REQUIRED TO GRADE WITH MINIMUM
2 COURSES, MAXIMUM 5 COURSES OF CONCRETE
BRICK OR PRECAST RINGS (1" GROUT MAXIMUM)
EXTERIOR SURFACES OF ADJUSTMENT COURSES
TO BE COVERED WITH 1/4" TO 3/8" OF
MASONRY CEMENT PLASTER

- PRECAST CONCRETE UNITS AS PER ASTM C-478

-6" (MINIMUM) CRUSHED STONE

NOTES AND DETAILS

-BRICK MASONRY INVERT AND SHELF



ASPHALT DRIVEWAY AND PARKING LOT DETAIL

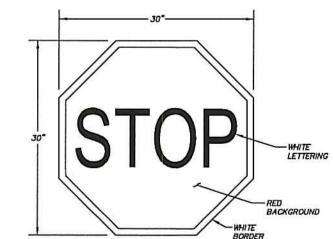
D'ANDREA SURVEYING & ENGINEERING, P.C LAND PLANNERS P.O. BOX 549 RIVERSIDE, CT 06878 PROJEC1

All "STOP" signs shall be an octagon with a white legend and border on a red background.

All "STOP" signs shall be installed at a height of at least 5 feet, measured from the bottom of the sign to the near edge of the pavement.

"STOP" sign legend, color, size, and installation shall be in conformance with

"STOP" SIGN DETAIL (R1-1)



The standard "STOP" sign shall be 30 x 30 inches.

the Manual on Uniform Traffic Control Devices for Streets and Highways, U.S. Department of Transportation, Federal Highway Administration, Millennium Edition,

 ENGINEERS SURVEYORS 6 NEIL LANE TEL. 637-1779 HOTEL DEVELOPMENT 2 4-14-22 ENGINEER BUREAU COMMENTS OLD TOWN SQUARE, LLC 10-18-2 RE-SUBMISSION Z.B. 0 6-16-21 INITIAL SUBMISSION REV. DATE DESCRIPTION 160 ATLANTIC STREET LEONARD C. D'ANDREA, CT PE No. 14869 STAMFORD, CONNECTICUT 4-14-22

DATE

ENGINEER

TRUE, VALID COPIES.

ONLY COPIES OF THIS PLAN BEARING AN ORIGINAL

IMPRINT OF THE ENGINEER'S EMBOSSED SEAL ARE

