

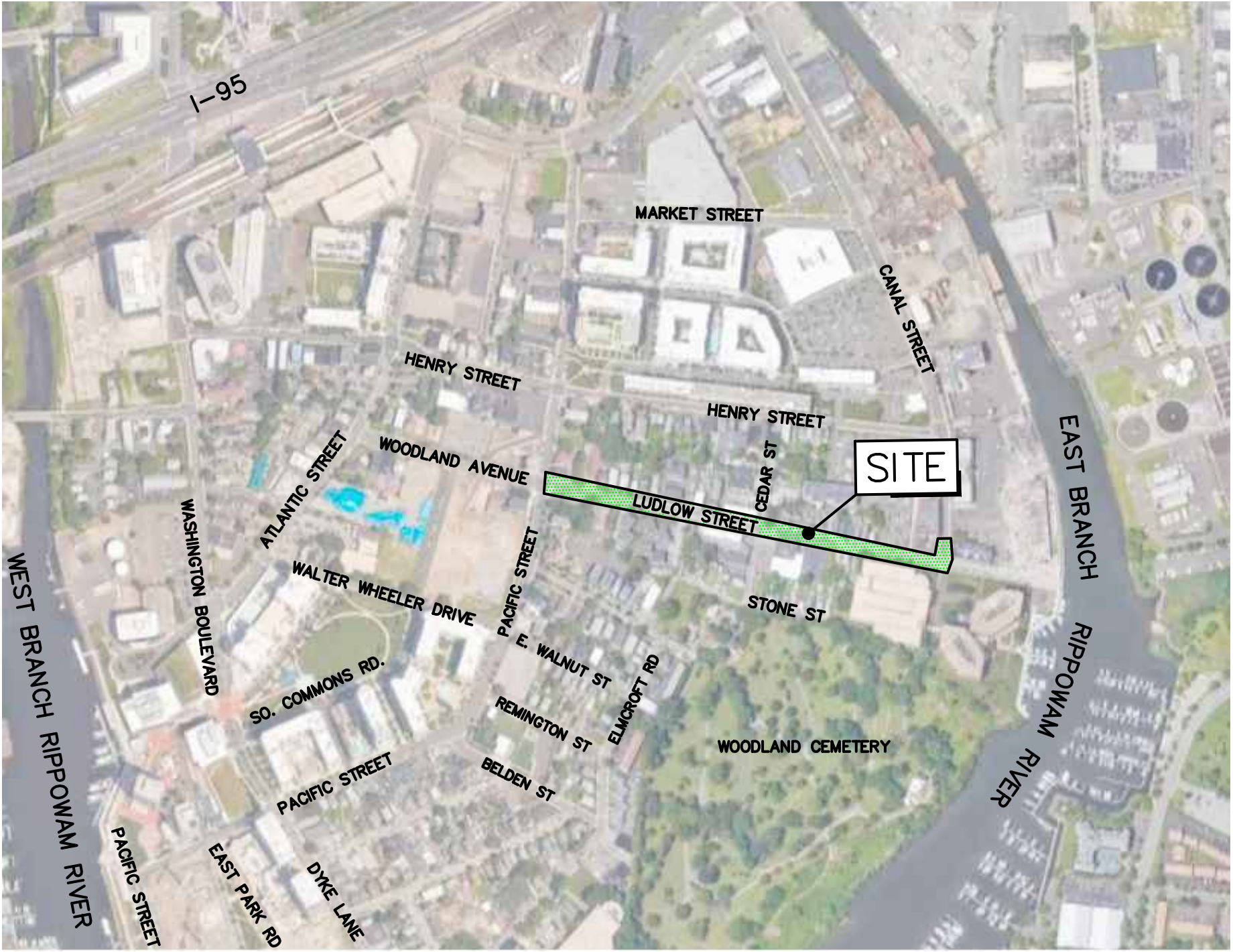
GENERAL NOTES

1. BOUNDARY & TOPOGRAPHIC INFORMATION IS BASED UPON FIELD SURVEY CONDUCTED BY:REDNISS & MEAD OF STAMFORD, CT.
2. INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG", 1-800-922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
3. CIVIL 1 ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
4. ALL UTILITY SERVICES ARE TO BE UNDERGROUND. THE EXACT LOCATION AND SIZE OF ELECTRIC, TELEPHONE, CABLE TELEVISION AND GAS ARE TO BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES.
5. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING UTILITY LOCATIONS IN THE FIELD AND TAKING ALL NECESSARY STEPS TO PROTECT THEM FROM DAMAGE. ANY UTILITY THAT IS DAMAGED THROUGH THE NEGLIGENCE OF THE CONTRACTOR SHALL BE REPAIRED BY THE CONTROLLING UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND STRUCTURES. THOSE OF WHICH HAVE BEEN DAMAGED SHALL BE PROMPTLY REPAIRED TO EXISTING OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
8. SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL CONNECTICUT - 2002", AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
9. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" TOPSOIL. AND BE SEEDED WITH GRASS OR SODDED, AS SHOWN ON THE PLANS.
10. ALL STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE INDICATED.
11. ALL GRAVITY SANITARY SEWER PIPE SHALL BE PVC SDR35 UNLESS OTHERWISE INDICATED.
12. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
13. THE CONTRACTOR SHALL ADJUST ELEVATIONS OF ALL EXISTING STORM, SANITARY SEWER, AND PRIVATE UTILITY MANHOLE FRAMES AND COVERS, AND ALL UTILITY CAPS AND COVERS SO THEY ARE FLUSH WITH FINISHED GRADES. THERE WILL BE NO SEPARATE PAYMENT FOR THIS WORK.
14. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE CITY OF STAMFORD REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 818 AND ADDENDUMS.
15. PRIOR TO DEMOLITION OF SIDEWALKS, CONTRACTOR SHALL SAWCUT SIDEWALKS THAT ABUT BUILDING FACADES IF SIDEWALKS CANNOT BE REMOVED FROM BUILDING FACADES WITHOUT DAMAGING THE BUILDING. THE CONTRACTOR SHALL DEMOLISH AND REMOVE ALL EXISTING CURBS, PAVEMENTS AND SIDEWALKS WITHIN THE WORK AREA.
16. SIDEWALK SYSTEMS TO REMAIN IN PLACE SHALL BE SAWCUT.
17. CONTRACTOR TO PLUG ALL EXISTING PIPES WHERE CURRENT DRAINAGE SYSTEM IS TO BE ABANDONED UNLESS OTHERWISE NOTED ON PLANS.
18. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ACTIVE EXISTING DRIVEWAYS TO STORES, BUSINESSES AND RESIDENCES DURING CONSTRUCTION WITH BRIEF CLOSURES ALLOWED FOR FINAL PAVING OR OTHER RESTRICTING ACTIVITIES.
19. CLOSURE OF THE ROADWAYS SHALL BE COORDINATED WITH EMERGENCY RESPONSE VEHICLES. THE CONTRACTOR SHALL INFORM THE CITY OF STAMFORD TWO WEEKS IN ADVANCE OF THE SCHEDULED CLOSURE. CONTRACTOR SHALL PROVIDE ACCESS OR MAINTAIN A DETOUR FOR EMERGENCY VEHICLES AT ALL TIMES.
20. THE CONTRACTOR SHALL TAKE PRECAUTION TO PREVENT DAMAGE TO EXISTING WATER MAINS WHEN OPERATING HEAVY MACHINERY SUCH AS VIBRATORY ROLLERS.
21. THE CONTRACTOR SHALL RESET ANY DISTURBED MONUMENTS TO THE PROPER ELEVATION AND LOCATION AT HIS OWN EXPENSE. (THE ENGINEER MUST BE NOTIFIED WHEN THIS IS DONE.)
22. CALCIUM CHLORIDE TO BE PLACED FOR DUST CONTROL ONLY WHEN ORDERED BY THE ENGINEER.
23. CONTRACTOR IS RESPONSIBLE FOR MINIMIZING THE AREA OF EROSION PRONE EXPOSED SOILS. ALL SOILS TO BE EXPOSED FOR OVER 30 DAYS SHALL BE MULCHED. CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROLS, AND AUGMENTED AS NEEDED TO MINIMIZE WATER POLLUTION.
24. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED FOR THIS WORK.
25. THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
26. ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS SHOULD BE STORED IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
27. COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEE.
29. THE PERMITTEE MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
30. CATCH BASINS DAMAGED OR FILLED WITH DEBRIS DURING CONSTRUCTION SHALL BE REPLACED OR CLEANED AT THE CONTRACTOR'S EXPENSE.
31. THE CONTRACTOR IS HEREBY REMINDED THAT TITLE 16 CHAPTER 293 OF THE CONNECTICUT GENERAL STATUTES REQUIRES NOTIFICATION TO UTILITY COMPANIES OF PENDING EXCAVATION AT OR NEAR PUBLIC UTILITIES. THE CONTRACTOR SHALL CALL 1-800-922-4455 AT LEAST 72 HOURS PRIOR TO EXCAVATION, BUT NO MORE THAN 30 DAYS IN ADVANCE.
32. LINE AND GRADE FOR CONSTRUCTION LAYOUT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL UTILIZE A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF CONNECTICUT TO PERFORM CONSTRUCTION LAYOUT. THE CONTRACTOR SHALL SUBMIT THE NAME OF THE SURVEYOR TO THE ENGINEER AT LEAST 3 WEEKS PRIOR TO BEGINNING WORK.
33. ANY PUBLIC OR PRIVATE PROPERTY DISTURBED AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE RESTORED AS QUICKLY AS POSSIBLE AND TO THE SATISFACTION OF THE ENGINEER.
34. EACH LAYER OF MATERIAL USED FOR BACKFILL OR SUBGRADE SHALL BE COMPACTED UNTIL THE DRY DENSITY OF EACH LAYER IS AT LEAST 95% OF THE DRY DENSITY ACHIEVED BY THE AASHTO TEST T180, METHOD D FOR THAT SOIL. MAXIMUM LAYER THICKNESS NOT TO EXCEED 12".
35. A STREET OPENING PERMIT IS REQUIRED FOR ALL WORK WITHIN THE CITY OF STAMFORD RIGHT-OF-WAY.
36. 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.
37. THE ENGINEERING BUREAU OF THE CITY OF STAMFORD SHALL BE NOTIFIED THREE DAYS PRIOR TO ANY COMMENCEMENT WITHIN THE CITY OF STAMFORD RIGHT-OF-WAY.
38. TREES WITHIN THE CITY OF STAMFORD RIGHT-OF-WAY TO BE REMOVED SHALL BE POSTED IN ACCORDANCE WITH THE TREE ORDINANCE.
39. ALL RETAINING WALLS GREATER THAN THREE (3) FEET ARE REQUIRED TO BE DESIGNED, AND INSPECTED DURING CONSTRUCTION BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT, CERTIFICATION OF THE RETAINING WALL SHALL BE REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY AND/OR BOND RELEASE.
40. 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.
41. A FINAL AS-BUILT LOCATION PLAN WILL BE REQUIRED BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF CONNECTICUT.

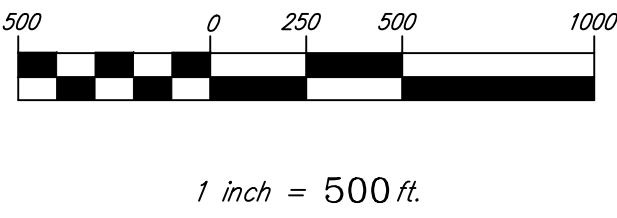
NOTIFICATIONS:

1. A PRE-CONSTRUCTION MEETING WITH BUILDING & LAND TECHNOLOGY PERSONNEL SHALL OCCUR PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 2 WEEKS BEFORE BEGINNING ANY WORK INVOLVING THEIR UTILITY.
3. HAZARDOUS MATERIALS:  
A. IT IS PREFERABLE THAT FUELING AND MAINTENANCE OF EQUIPMENT AND/OR VEHICLES OCCUR OFF-SITE IN A GARAGE OR OTHER SUITABLE AREA. IF OFF-SITE REFUELING AND/OR MAINTENANCE IS NOT FEASIBLE OR PRACTICAL, THESE ACTIVITIES SHALL OCCUR IN AN AREA WHERE SPILLAGE CAN BE CONTAINED AND REMOVED, NO LESS THAN 50 FEET FROM A WATERCOURSE. ABSORBENT SPILL BLANKET MATERIAL SHOULD BE PLACED NEXT TO THE REFUELING/MAINTENANCE ACTIVITY TO BE USED TO CONTAIN AND REMOVE ANY POTENTIAL SPILLAGE.
- B. ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS SHALL BE STORED IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NONWORK HOURS.
- C. AN AMPLE SUPPLY OF ABSORBENT SPILL RESPONSE MATERIAL (BOOMS, BLANKETS, ETC.) SHALL BE AVAILABLE AT CONSTRUCTION SITES AT ALL TIMES TO CLEAN UP POTENTIAL SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE AND OIL.
- D. SPILLS OF HAZARDOUS MATERIALS SHALL BE REPORTED IMMEDIATELY TO: CT DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND CHEMICAL SPILLS UNIT AT (860) 424-3338.

LUDLOW STREET  
ROADWAY RECONSTRUCTION  
PERMITTING DRAWINGS  
ISSUED FOR BID



PROJECT SITE VICINITY MAP



OWNER/APPLICANT

BUILDING & LAND TECHNOLOGY  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902

ENGINEER

CIVIL 1  
43 SHERMAN HILL ROAD, SUITE D-101  
WOODBURY, CT 06798

SURVEYOR

REDNISS & MEAD  
22 FIRST STREET  
STAMFORD, CT 06905

STANDARD CITY OF STAMFORD NOTES:

1. A STREET OPENING PERMIT IS REQUIRED FOR ALL WORK WITHIN THE CITY OF STAMFORD RIGHT-OF-WAY.
2. 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.
3. 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 RIGHT-OF-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).
13. REFERENCE EPB PERMIT #, ZONING PERMIT #, ZONING BOARD OF APPEALS #, SUBDIVISION #, IF APPLICABLE.

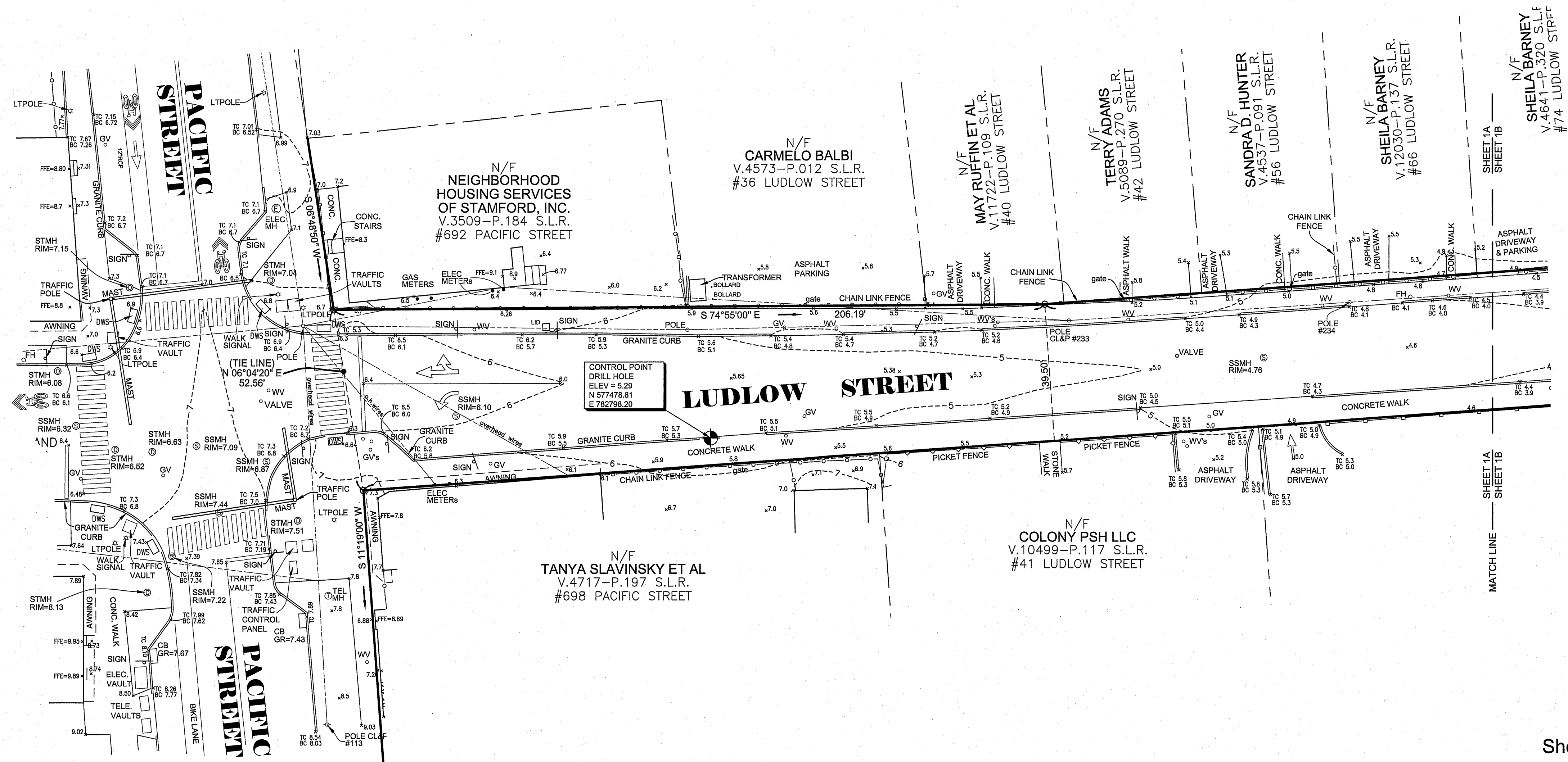
| DRAWING NO. | SHEET NOS.     | DESCRIPTION                               |
|-------------|----------------|-------------------------------------------|
| 1-2         | 1 OF 2, 2 OF 2 | EXISTING CONDITIONS - RIGHT OF WAY SURVEY |
| 3-4         | C-1.1, C-1.2   | DEMOLITION PLAN                           |
| 5-6         | C-2.1, C-2.2   | GRADING, DRAINAGE & EROSION CONTROL PLAN  |
| 7-8         | C-3.1, C-3.2   | PAVEMENT MARKING, PLANTING & SIGNAGE PLAN |
| 9-10        | C-4.1, C-4.2   | ROAD PLAN & PROFILE                       |
| 11          | C-5.1          | ROAD CROSS SECTIONS                       |
| 12-13       | C-6.1, C-6.2   | TRAFFIC & PEDESTRIAN DETOUR PLAN-PHASE 1  |
| 14-15       | C-6.3, C-6.4   | TRAFFIC & PEDESTRIAN DETOUR PLAN-PHASE 2  |
| 16-19       | C-7.1 - C-7.4  | DETAILS                                   |
| 20          | C-8.1          | EROSION CONTROL NARRATIVE                 |

CIVIL C1  
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266-0778 CONNECTICUT

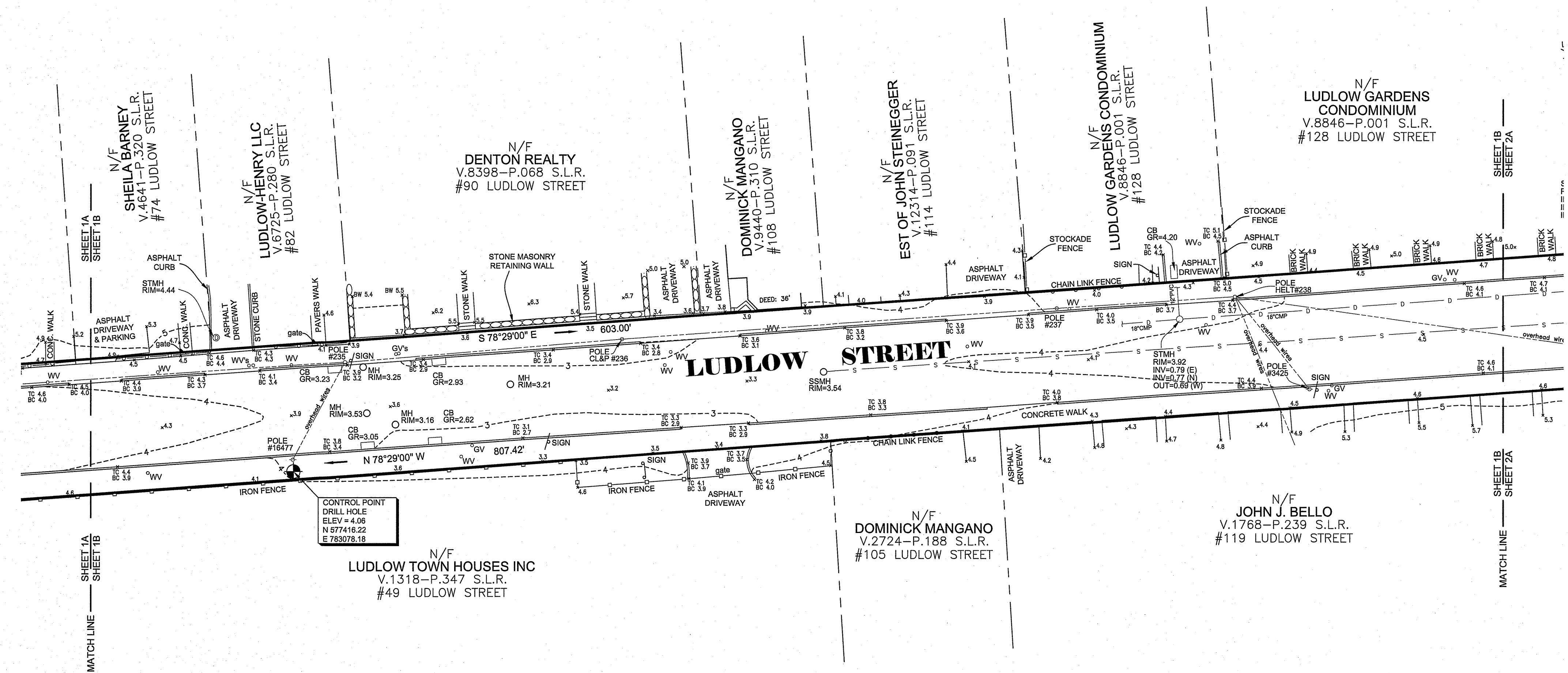
MAY 25, 2021

REVISED AUGUST 23, 2021





Sheet 1A

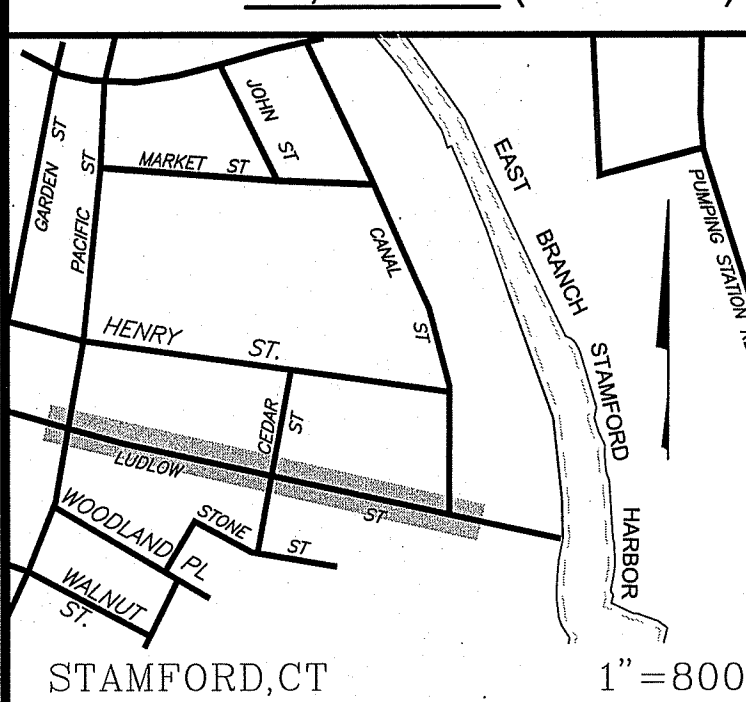


Sheet 1B

## LEGEND

|  |                          |
|--|--------------------------|
|  | RIGHT OF WAY LINE        |
|  | CURB LINE                |
|  | CHAIN LINK FENCE         |
|  | GUARD RAIL               |
|  | STAND PIPE               |
|  | WATER VALVE              |
|  | WATER METER              |
|  | FIRE HYDRANT             |
|  | GAS VALVE                |
|  | GAS METER                |
|  | LIGHT POLE               |
|  | MOUNTED LIGHT            |
|  | UTILITY POLE             |
|  | FUEL PUMP                |
|  | OVERHEAD WIRES           |
|  | TRANSFORMER              |
|  | UTILITY MH               |
|  | CATCH BASIN              |
|  | DETECTABLE WARNING STRIP |
|  | ELECTRIC MANHOLE         |
|  | CONCRETE                 |
|  | MONITORING WELL          |

BLOCKS: 25, 85 & 88 (Ludlow St)



## ORIENTATION

ZONE: C-B, R-MF, CW-D & M-G

## NOTES:

- This survey has been prepared in accordance with Sections 20-300b-1 thru 20-300b-20 of the Regulations of Connecticut State Agencies and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. as a Right-of-Way the Boundary Determination Category of which is a Resurvey conforming to Horizontal Accuracy Class A-2 and Vertical Accuracy Class V-2. It is intended to depict the new improvements within the Market Street right of way.
- Bearings depicted are Connecticut State Coordinate System - NAD'83.
- Elevations depicted hereon based on National Vertical Datum of 1929 (NGVD-29).
- Reference is made to Maps 13, 189, 214, 216, 217, 218, 906, 4910, 5921 and 9193 filed on the Stamford Land Records (S.L.R.).
- Reference is made to instruments of record as labeled hereon.

| No. | By  | Date      | Revision Note                                                                              |
|-----|-----|-----------|--------------------------------------------------------------------------------------------|
| 1   | CJP | 8/10/2021 | Added Inverts Information on Sheet 2A; Extended Cedar Street topography to north and south |

## RIGHT OF WAY SURVEY DEPICTING LUDLOW STREET PREPARED FOR BUILDING & LAND TECHNOLOGY



**REDNISS  
& MEAD**  
LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING & ZONING CONSULTING  
PERMITTING  
22 First Street | Stamford, CT 06905  
Tel: 203.357.0500 | Fax: 203.357.1118  
www.rednissmead.com

Scale: 1"=20'

Drawn By: CJP Checked By: Date: 4/28/2021

To my knowledge and belief this map is substantially correct as noted hereon.

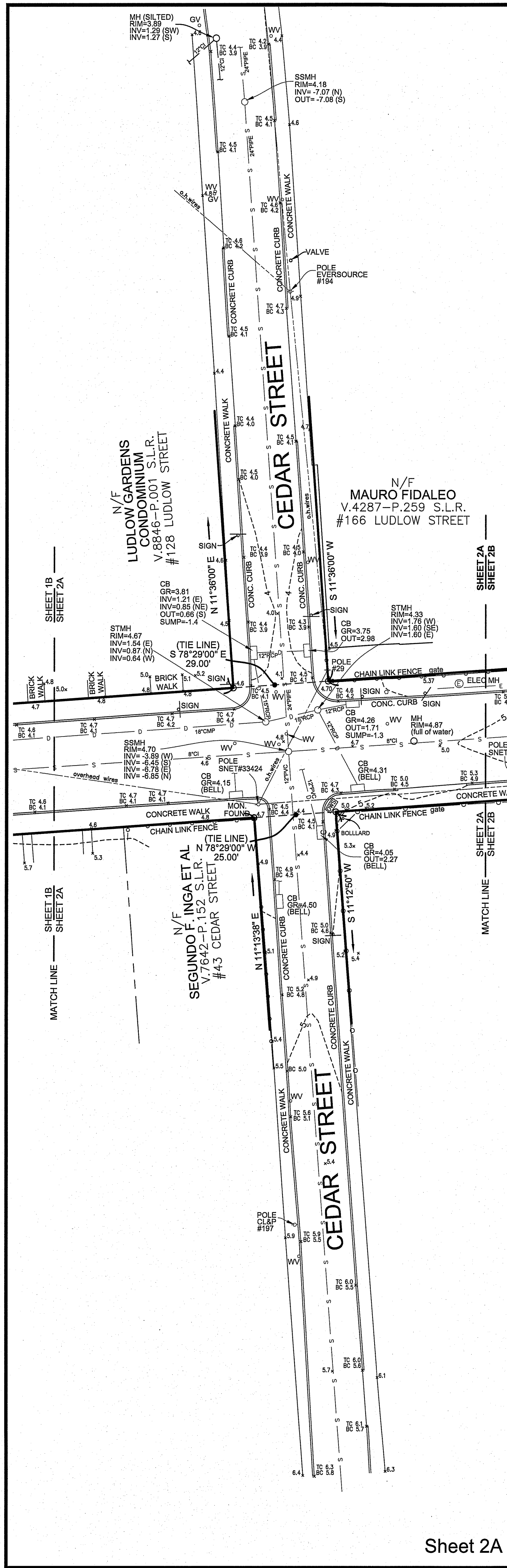
*Cesar J. Polovina*  
CESAR J. POLOVINA C.T. L.S. #70256  
8/10/2021

DATE

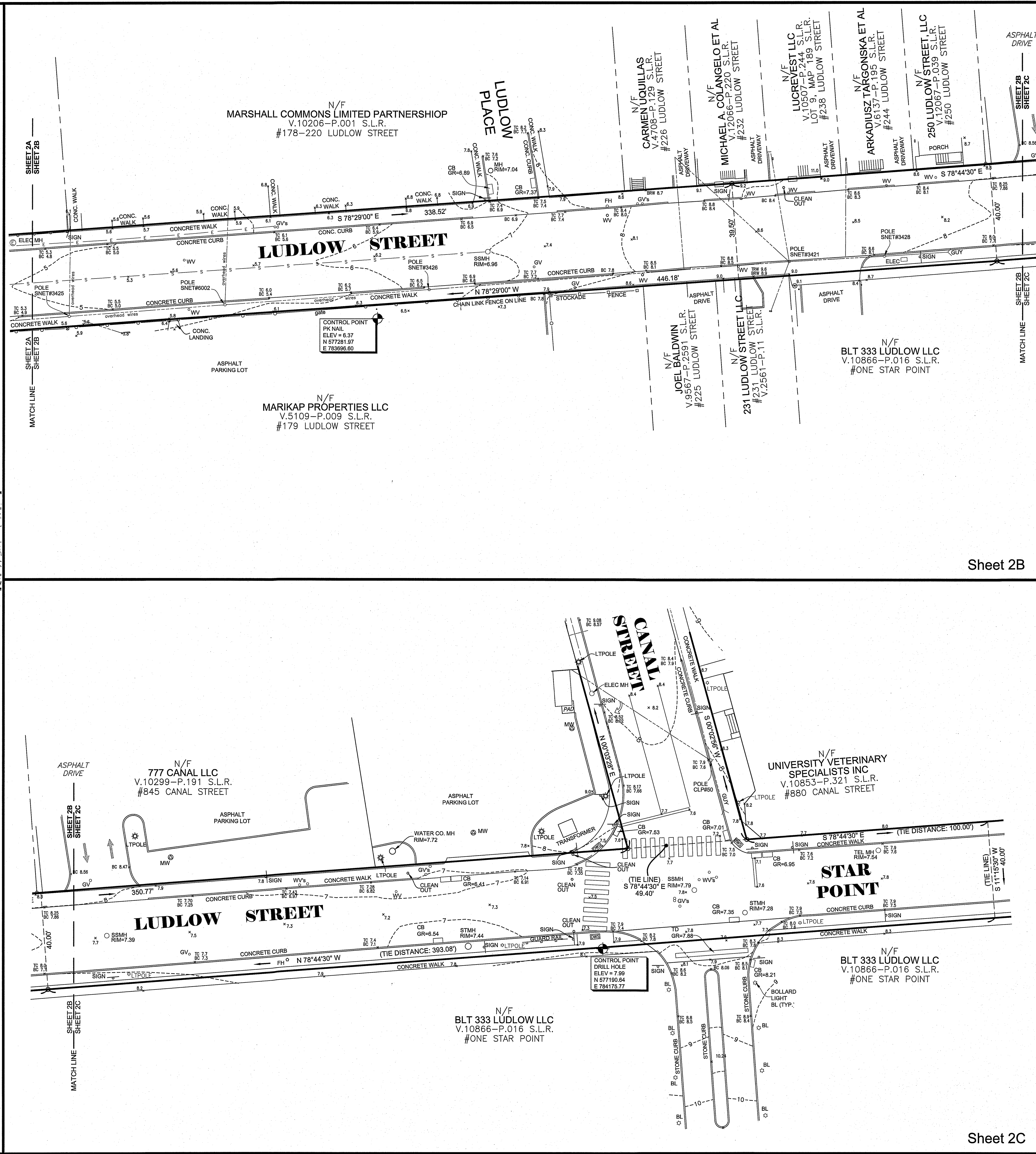
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Sheet No: 1 of 2

Comm. No: 6546HP-1-239

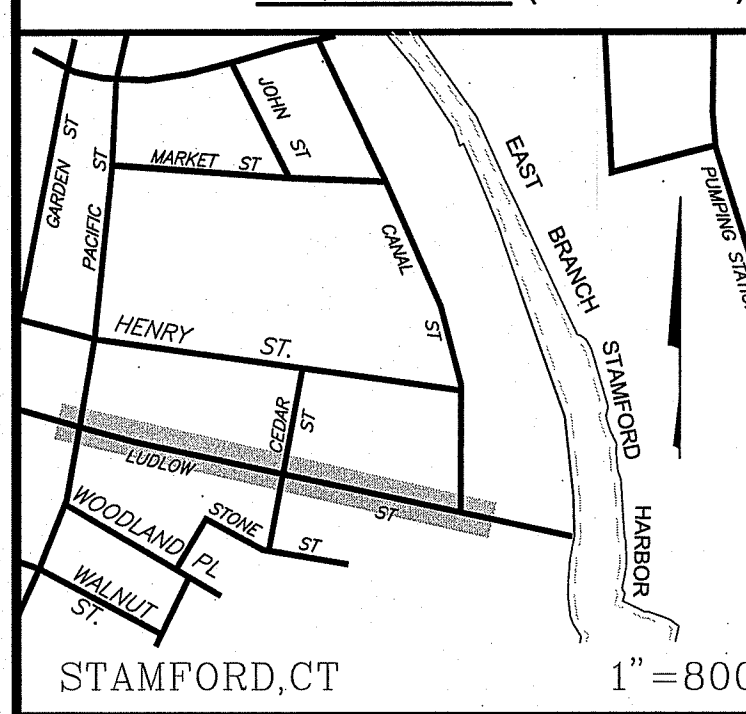


Sheet 2A



Sheet 2C

BLOCKS: 25, 85 & 88 (Ludlow St)



ORIENTATION

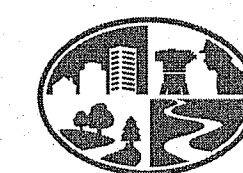
ZONE: C-B, R-MF, CW-D & M-G

LEGEND

|  |                          |
|--|--------------------------|
|  | RIGHT OF WAY LINE        |
|  | CURB LINE                |
|  | CHAIN LINK FENCE         |
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|  | WATER VALVE              |
|  | WATER METER              |
|  | FIRE HYDRANT             |
|  | GAS VALVE                |
|  | GAS METER                |
|  | LIGHT POLE               |
|  | MOUNTED LIGHT            |
|  | UTILITY POLE             |
|  | FUEL PUMP                |
|  | overhead wires           |
|  | TRANSFORMER              |
|  | UTILITY MH               |
|  | CATCH BASIN              |
|  | DETECTABLE WARNING STRIP |
|  | ELECTRIC MANHOLE         |
|  | CONCRETE                 |
|  | MONITORING WELL          |

|     |     |           |                                                                                            |
|-----|-----|-----------|--------------------------------------------------------------------------------------------|
| 1   | CJP | 8/10/2021 | Added Inverts information on Sheet 2A; Extended Cedar Street topography to north and south |
| No. | By  | Date      | Revision Note                                                                              |

RIGHT OF WAY SURVEY  
DEPICTING  
LUDLOW STREET  
PREPARED FOR  
BUILDING & LAND TECHNOLOGY



REDNISS  
& MEAD

LAND SURVEYING  
CIVIL ENGINEERING  
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PERMITTING

22 First Street | Stamford, CT 06905  
Tel: 203.327.0500 | Fax: 203.327.1118  
www.rednissandmead.com

Scale: 1"=20'  
Drawn By: CJP Checked By: Date: 4/28/2021

SEE SHEET 1 OF 2  
FOR NOTES AND  
CERTIFICATION

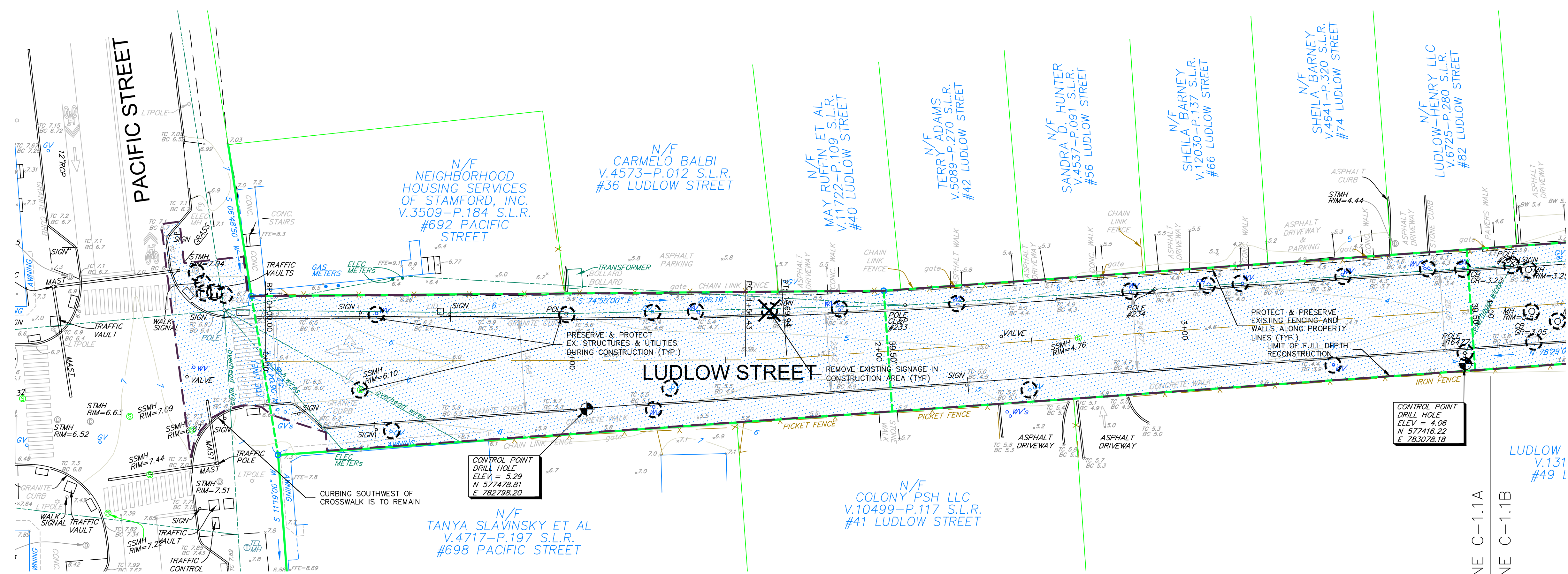
This document and copies thereof are valid only if they bear the signature and  
embossed seal of the designated licensed professional. Unsubstantiated alterations  
render any declaration herein null & void.



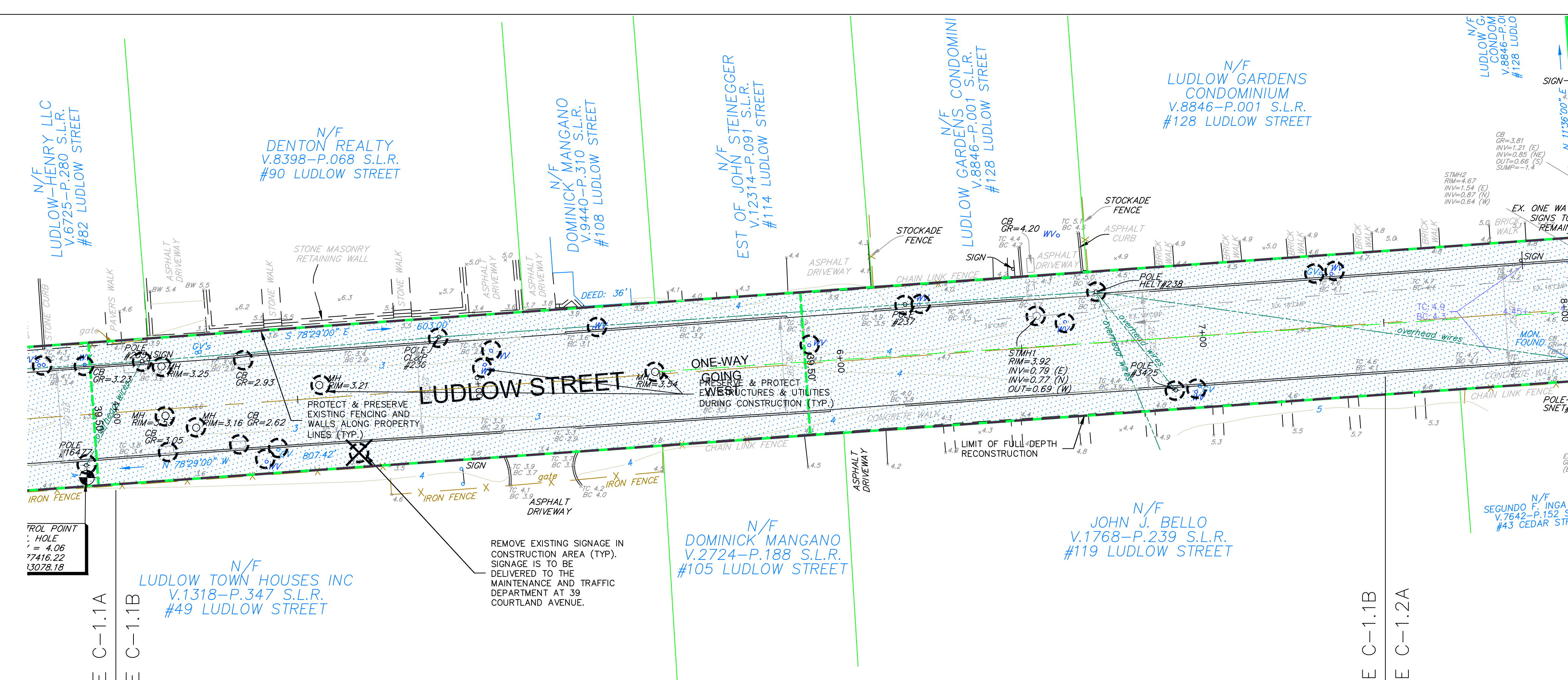
Sheet No:

2 of 2

Comm. No: 6546HP-1-239

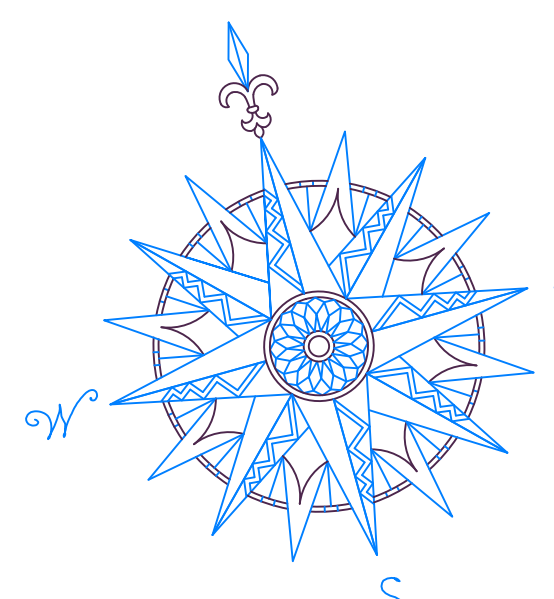


SHEET C-1.1A



SHEET C-1.1B

NOTE:  
1. ANY WORK NEEDED OUTSIDE OF THE R.O.W., ON PRIVATE PROPERTY, WILL NEED PERMISSION FROM THE LANDOWNER.



| NO.                        | REVISION                    | DATE    |
|----------------------------|-----------------------------|---------|
| 1                          | REVISED PER TTP REVIEW MEMO | 6-25-21 |
| 2                          | REVISED PER BLT REVIEW      | 7-9-21  |
| 3                          | REVISED PER TTP REVIEW MEMO | 8-13-21 |
| 4                          | REVISED PER TTP/ENGINEERING | 8-23-21 |
| Previous Editions Obsolete |                             |         |



BUILDING & LAND TECHNOLOGY  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902

| LEGEND |                                             |
|--------|---------------------------------------------|
|        | PROPERTY LINE                               |
|        | LIMIT OF DEMOLITION                         |
|        | EXISTING STRUCTURE TO BE PROTECTED          |
|        | EXISTING STRUCTURE TO BE REBUILT OR REMOVED |

DEMOLITION PLAN

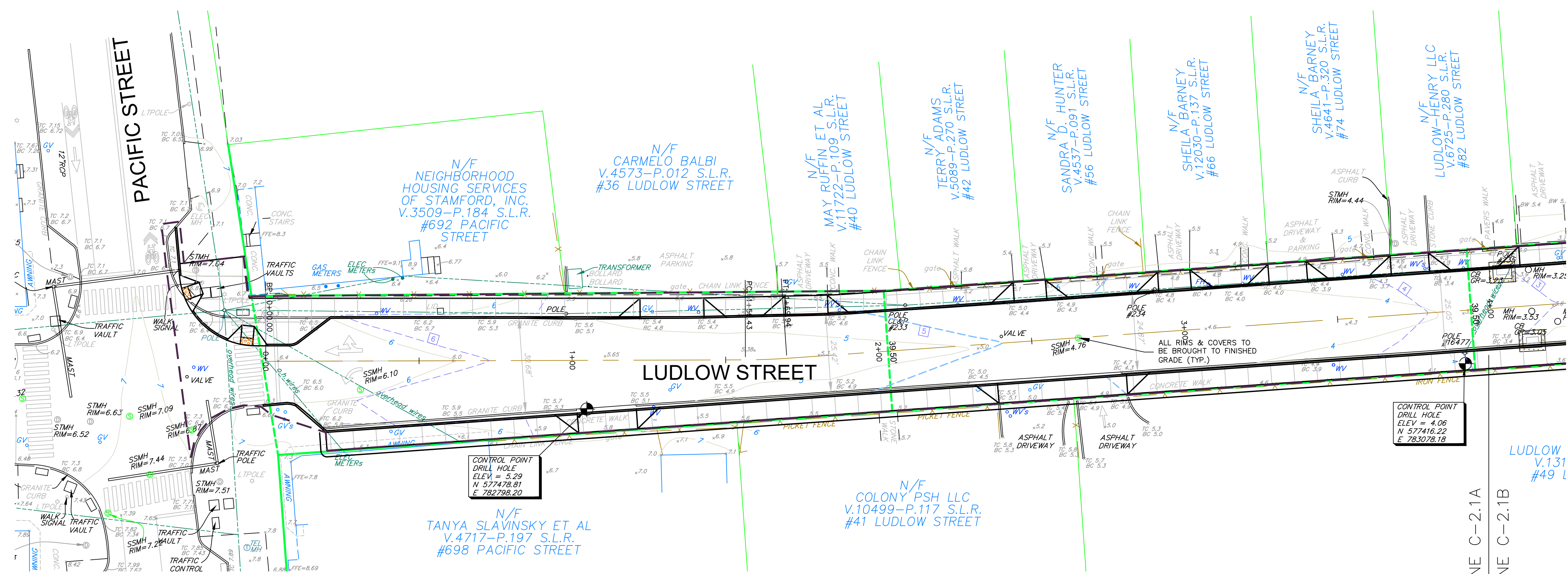
LUDLOW STREET  
ROAD RECONSTRUCTION

STAMFORD CONNECTICUT

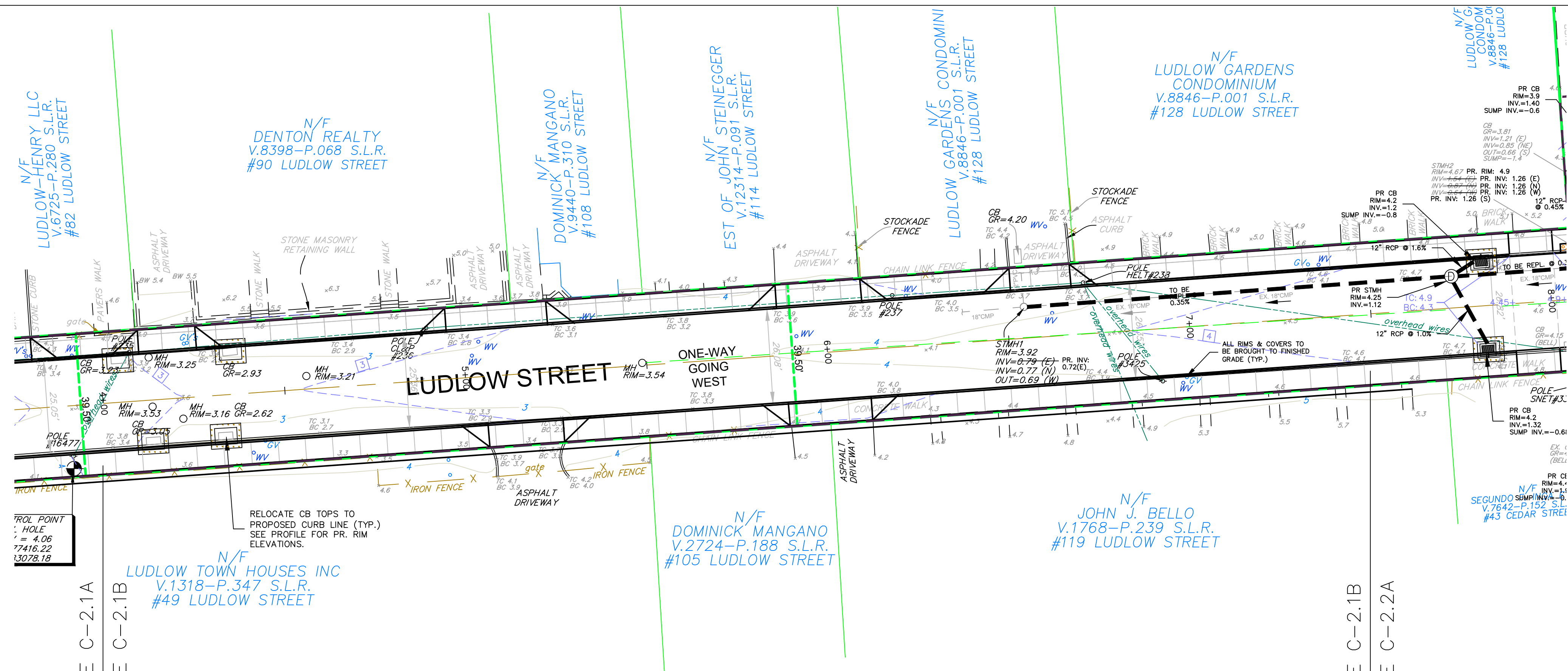
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266-0778 CONNECTICUT

DRAWN: BB  
SCALE: 1" = 20'  
DATE: 25 MAY 21  
PROJ. NO.: 3809  
CARD FILE NAME: 3809  
DRAWING NO.: C-1.1





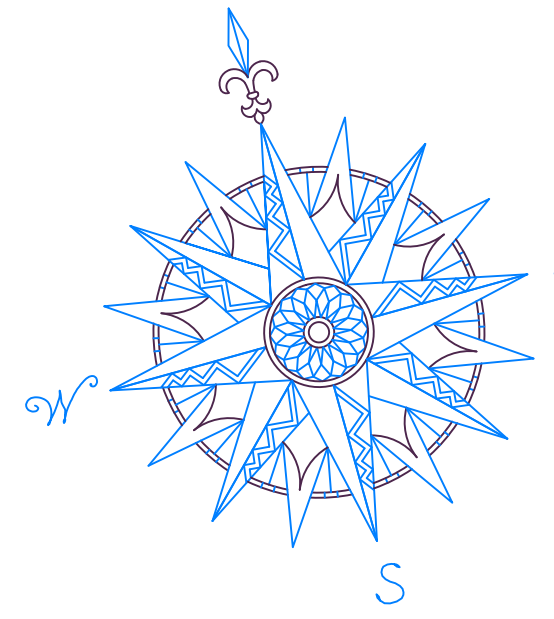
SHEET C-2.1A



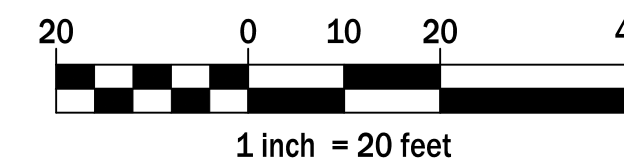
SHEET C-2.1B

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| 2                          | REVISED PER BLT REVIEW      | 7-9-21  |
| 3                          | REVISED PER TTP REVIEW MEMO | 8-13-21 |
| 4                          | REVISED PER TTP/ENGINEERING | 8-23-21 |
| Previous Editions Obsolete |                             |         |



BUILDING & LAND TECHNOLOGY  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902

### LEGEND

|  |                              |
|--|------------------------------|
|  | PROPERTY LINE                |
|  | EXISTING CONTOUR             |
|  | PROPOSED CONTOUR             |
|  | PROPOSED SPOT ELEVATION      |
|  | LIMITS OF CONSTRUCTION       |
|  | CONCRETE SIDEWALK/PAVER AREA |
|  | EXISTING CHAIN LINK FENCE    |
|  | EXISTING GUARD RAIL          |
|  | PROPOSED CONCRETE CURB       |
|  | BALED FILTER/SILT SACK       |
|  | EXISTING STORM SEWER         |
|  | PROPOSED STORM DRAINAGE      |

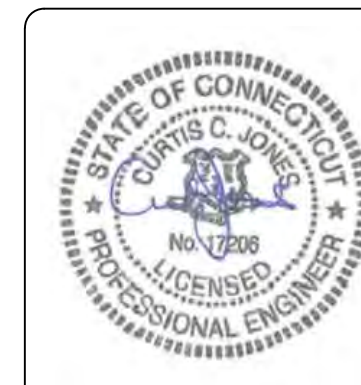
### GRADING, DRAINAGE & EROSION CONTROL PLAN

### LUDLOW STREET ROAD RECONSTRUCTION

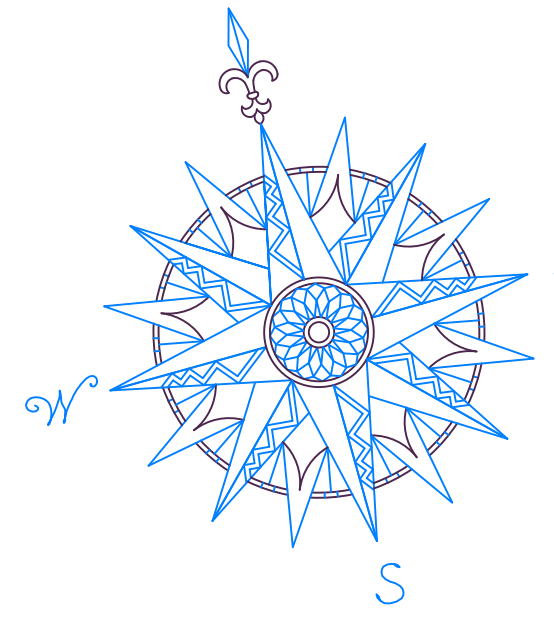
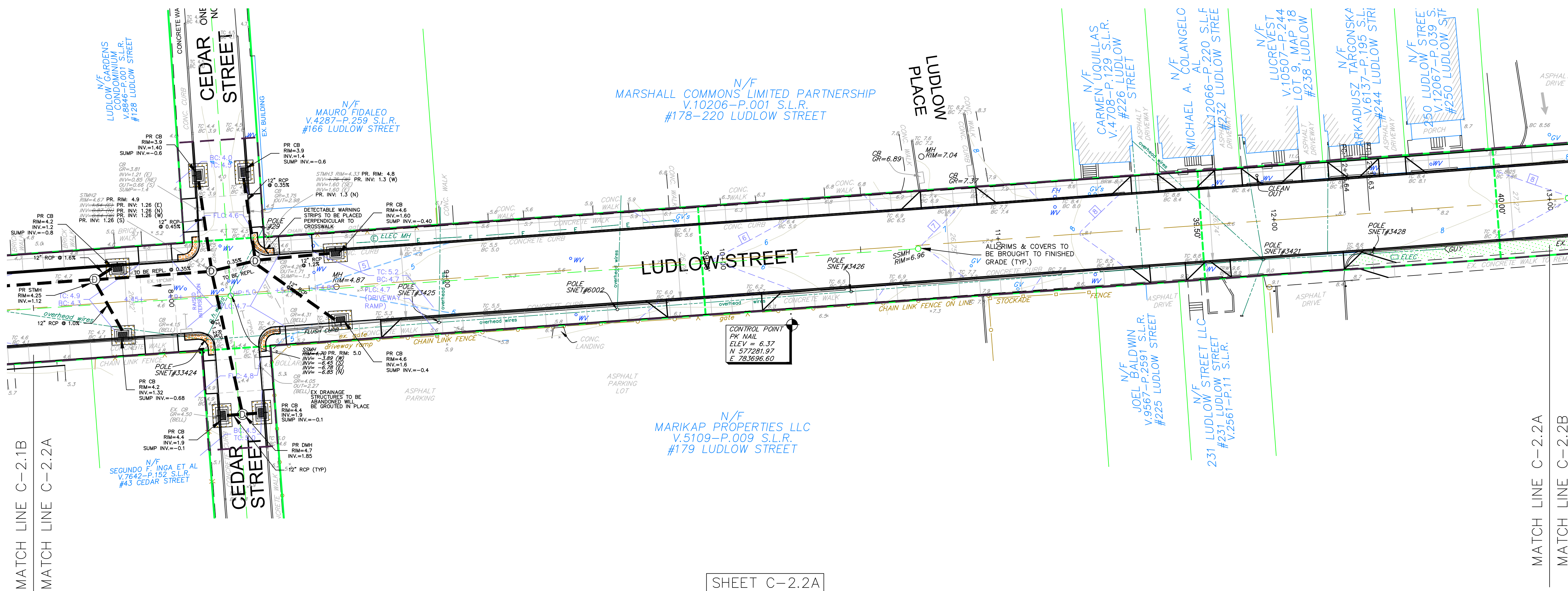
STAMFORD CONNECTICUT



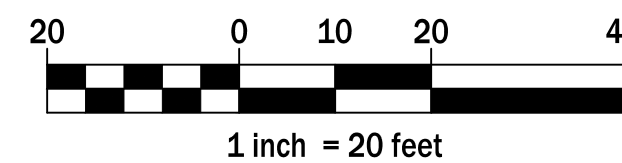
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266-0778 CONNECTICUT



|                      |              |
|----------------------|--------------|
| DRAWING: BB          | APPROVED: CJ |
| SCALE: 1" = 20'      |              |
| DATE: 25 MAY 21      |              |
| PROJ. NO.: 3809      |              |
| CARD FILE NAME: 3809 |              |
| DRAWING NO.: C-2.1   |              |



| NO.                        | REVISION                    | DATE    |
|----------------------------|-----------------------------|---------|
| 1                          | REVISED PER TTP REVIEW MEMO | 6-25-21 |
| 2                          | REVISED PER BLT REVIEW      | 7-9-21  |
| 3                          | REVISED PER TTP REVIEW MEMO | 8-13-21 |
| 4                          | REVISED PER TTP/ENGINEERING | 8-23-21 |
| Previous Editions Obsolete |                             |         |



BUILDING & LAND TECHNOLOGY  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902

#### LEGEND

|  |                              |
|--|------------------------------|
|  | PROPERTY LINE                |
|  | EXISTING CONTOUR             |
|  | PROPOSED CONTOUR             |
|  | PROPOSED SPOT ELEVATION      |
|  | LIMITS OF CONSTRUCTION       |
|  | CONCRETE SIDEWALK/PAVER AREA |
|  | EXISTING CHAIN LINK FENCE    |
|  | EXISTING GUARD RAIL          |
|  | PROPOSED CONCRETE CURB       |
|  | BALED FILTER/SILT SACK       |
|  | EXISTING STORM SEWER         |
|  | PROPOSED STORM DRAINAGE      |

#### GRADING, DRAINAGE & EROSION CONTROL PLAN

#### LUDLOW STREET ROAD RECONSTRUCTION

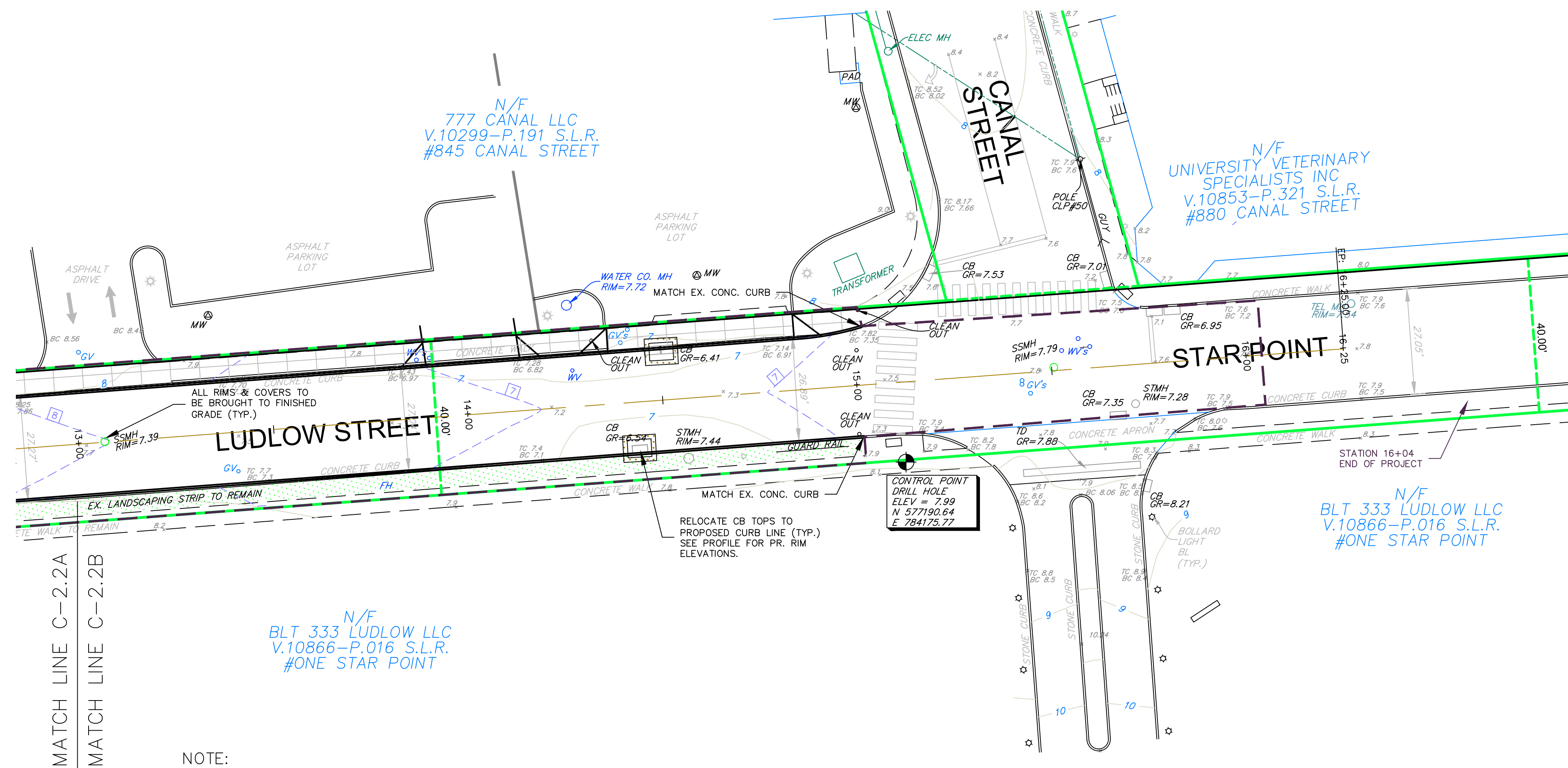
STAMFORD CONNECTICUT



CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266-0778 CONNECTICUT



|                      |              |
|----------------------|--------------|
| DRAWN: BB            | APPROVED: CJ |
| SCALE: 1" = 20'      |              |
| DATE: 25 MAY 21      |              |
| PROJ. NO.: 3809      |              |
| CARD FILE NAME: 3809 |              |
| DRAWING NO.: C-2.2   |              |



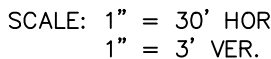
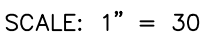
#### NOTE:

- ANY WORK NEEDED OUTSIDE OF THE R.O.W., ON PRIVATE PROPERTY, WILL NEED PERMISSION FROM THE LANDOWNER.

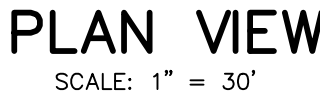
SHEET C-2.2B







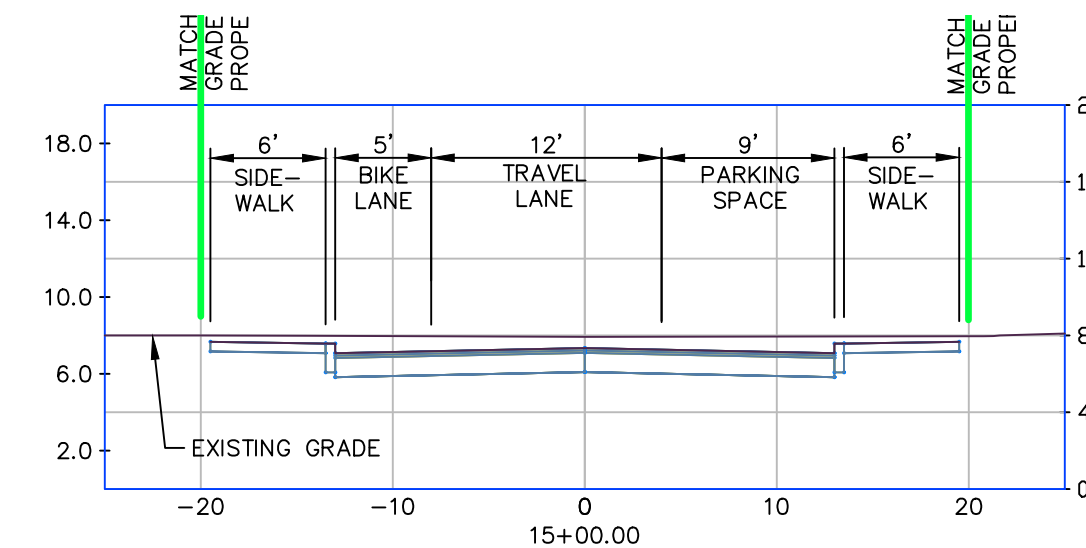
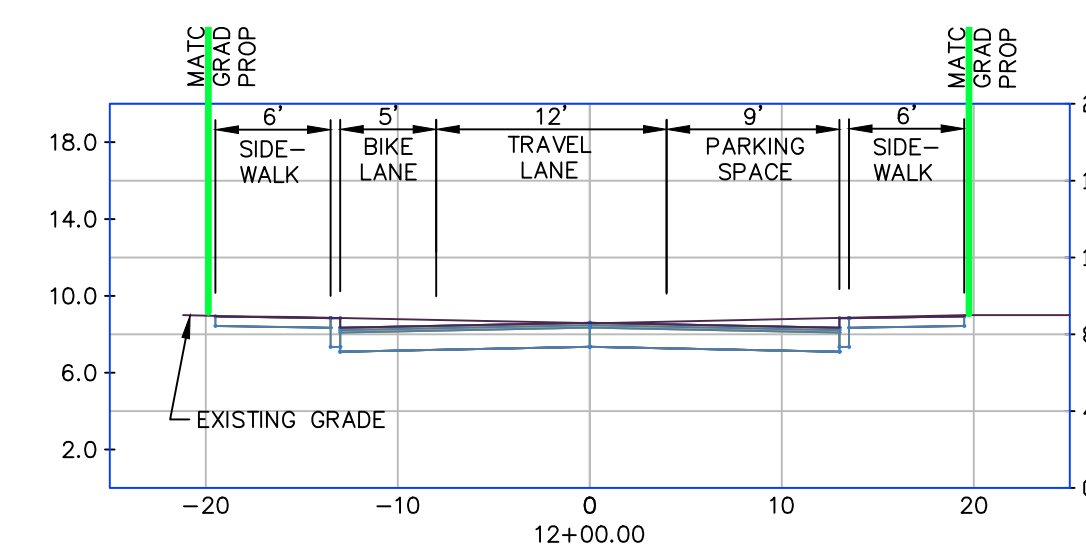
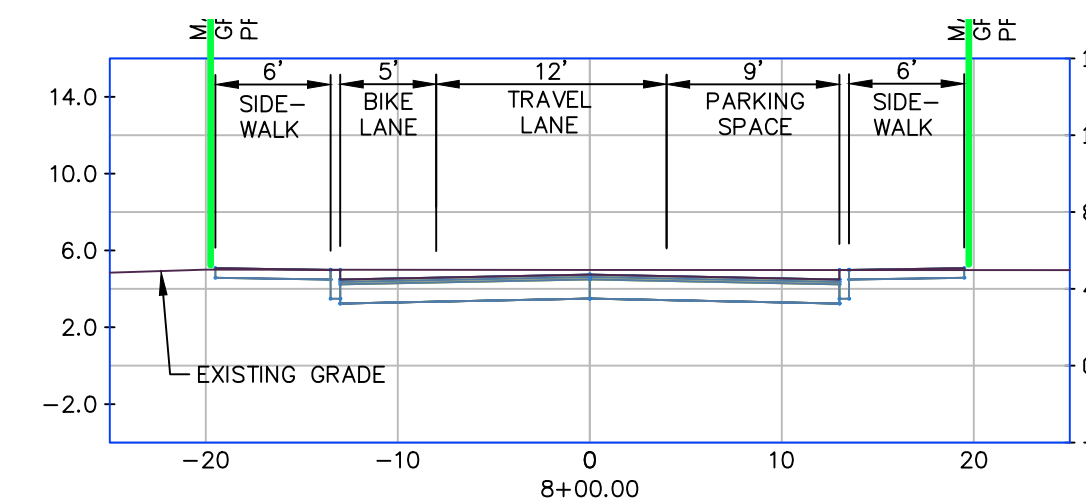
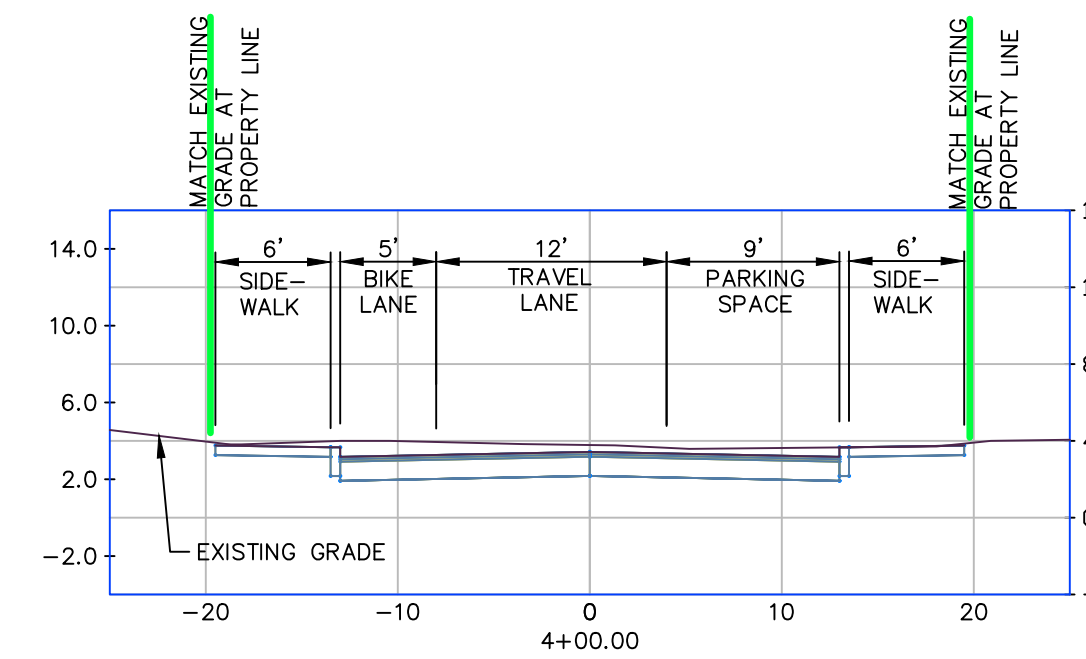
## C-4.1



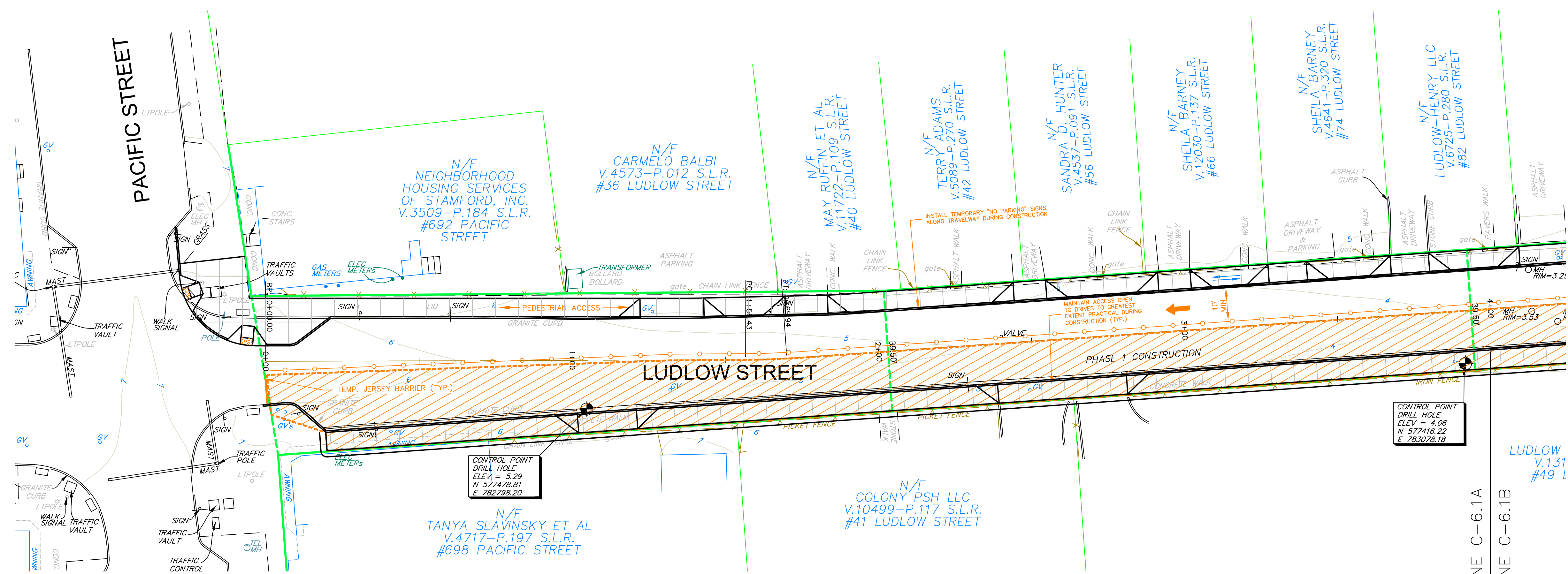


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|--------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-----------|
| <b>DRAWING:</b>                                                                                                          | <b>BB</b>            | <b>APPROVED:</b>    | <b>CJ</b> |
| <b>SCALE:</b>                                                                                                            | <b>1" = 30' HOR.</b> | <b>1" = 3' VER.</b> |           |
| <b>DATE:</b>                                                                                                             | <b>25 MAY 21</b>     |                     |           |
| <b>DRAW. NO.:</b>                                                                                                        | <b>3809</b>          |                     |           |
| <b>CADD FILE NAME:</b>                                                                                                   | <b>3809</b>          |                     |           |
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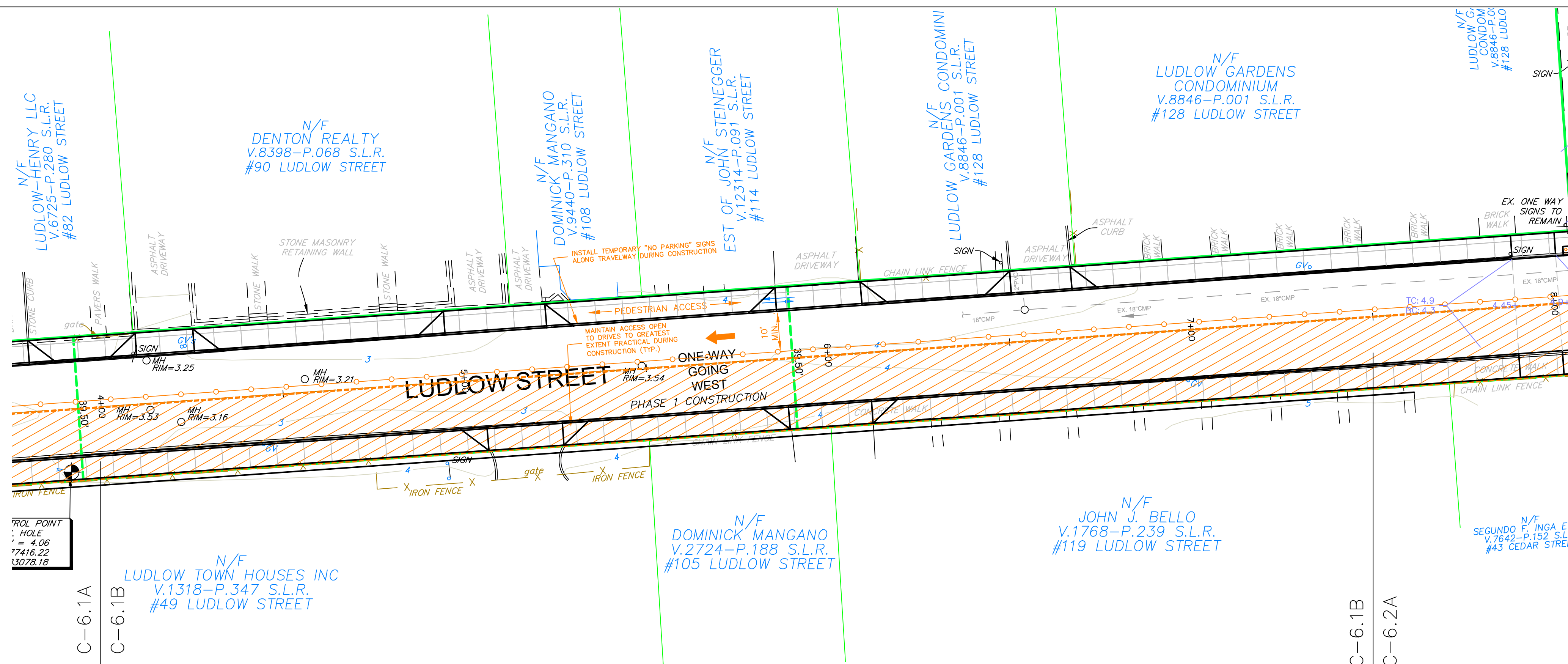
|   |                                                        |
|---|--------------------------------------------------------|
| 1 | POINT OF APPLICATION OF GRADE                          |
| 2 | 2" BITUMINOUS CONCRETE PAVEMENT. HMA S0.375            |
| 3 | 4" BITUMINOUS CONCRETE PAVEMENT, HMA S0.5              |
| 4 | 12" PROCESS AGGREGATE BASE                             |
| 5 | TACK COAT                                              |
| 6 | CONCRETE CURB                                          |
| 7 | CONCRETE SIDEWALK                                      |
| 8 | TURF ESTABLISHMENT OR MATCH EXISTING SURFACE TREATMENT |

[illegible]

|                 |              |
|-----------------|--------------|
| DRAWING: BB     | APPROVED: CJ |
| SCALE: 1" = 20' |              |
| DATE:           | 25 MAY 21    |
| PROJ. NO.:      | 3809         |
| CADD FILE NAME: | 3809         |
| DRAWING NO.:    |              |
| C-5.1           |              |

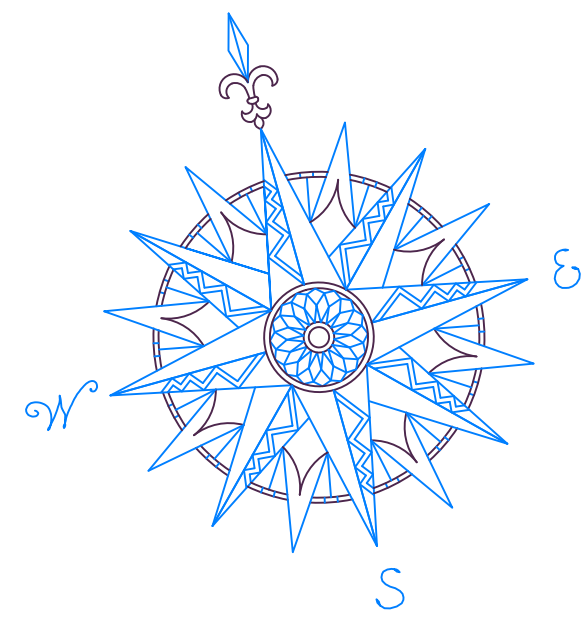


SHEET C-6.1A

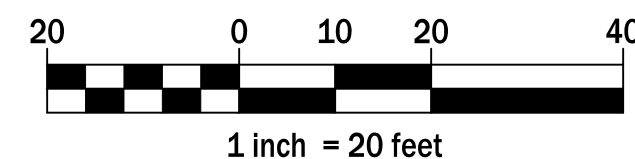


NOTE:  
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SHEET C-6.1B



| NO.                        | REVISION                    | DATE    |
|----------------------------|-----------------------------|---------|
| 1                          | REVISED PER TTP REVIEW MEMO | 6-25-21 |
| 2                          | REVISED PER BLT REVIEW      | 7-9-21  |
| 3                          | REVISED PER TTP REVIEW MEMO | 8-13-21 |
| 4                          | REVISED PER TTP/ENGINEERING | 8-23-21 |
| Previous Editions Obsolete |                             |         |



BUILDING & LAND TECHNOLOGY  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902

TRAFFIC & PEDESTRIAN  
DETOUR PLAN  
PHASE 1

LUDLOW STREET  
ROAD RECONSTRUCTION

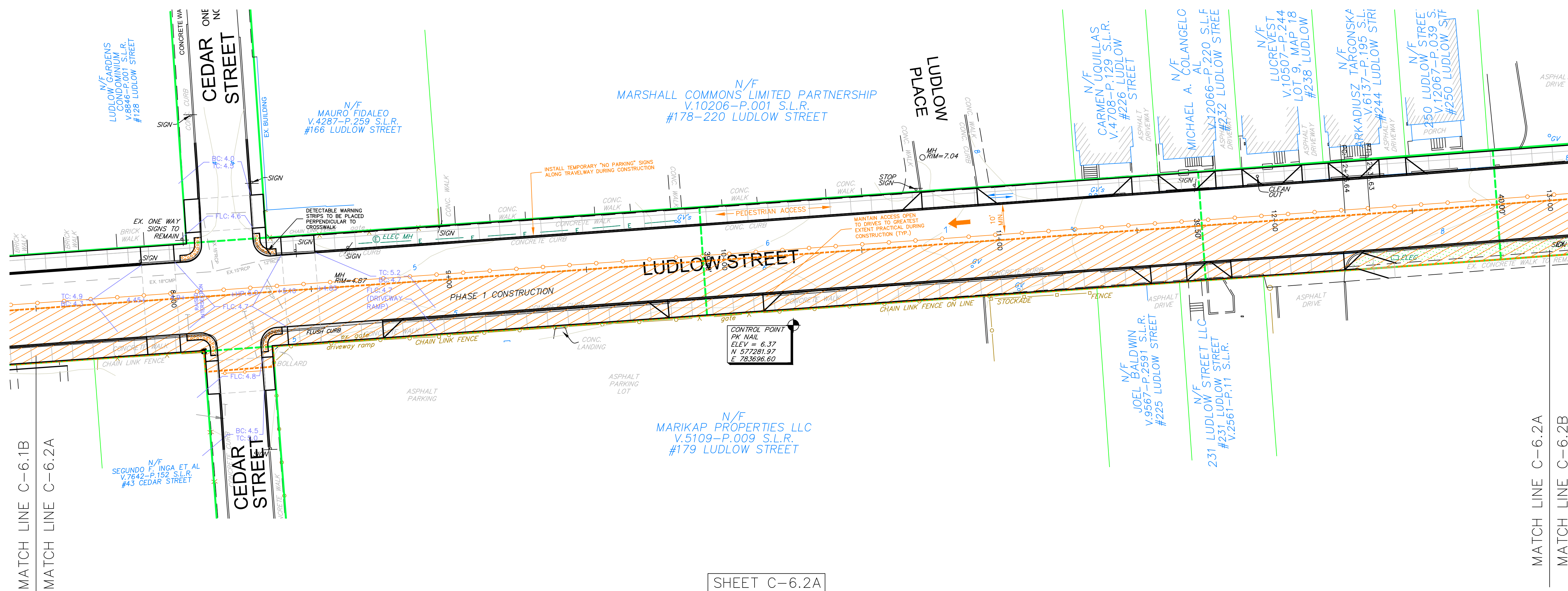
STAMFORD CONNECTICUT



CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY CONNECTICUT  
(203) 266-0778



DRAWN: BB  
APPROVED: CJ  
SCALE: 1" = 20'  
DATE: 25 MAY 21  
PROJ. NO.: 3809  
CARD FILE NAME: 3809  
DRAWING NO.: C-6.1



| NO.                        | REVISION                    | DATE    |
|----------------------------|-----------------------------|---------|
| 1                          | REVISED PER TTP REVIEW MEMO | 6-25-21 |
| 2                          | REVISED PER BLT REVIEW      | 7-9-21  |
| 3                          | REVISED PER TTP REVIEW MEMO | 8-13-21 |
| 4                          | REVISED PER TTP/ENGINEERING | 8-23-21 |
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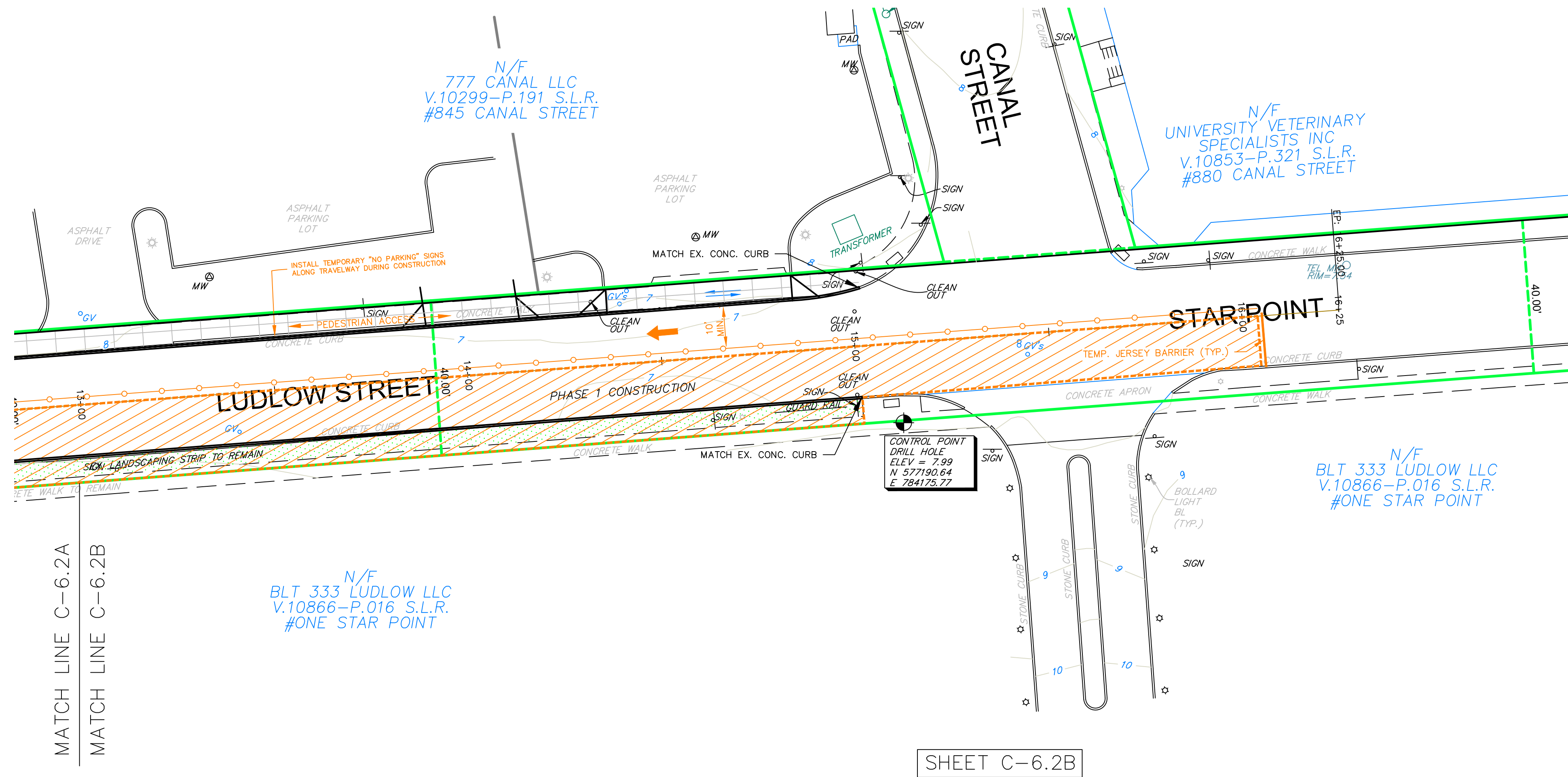
**BUILDING & LAND TECHNOLOGY**  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902

**TRAFFIC & PEDESTRIAN  
DETOUR PLAN  
PHASE 1**

**LUDLOW STREET  
ROAD RECONSTRUCTION**

CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY CONNECTICUT (203) 266-0778

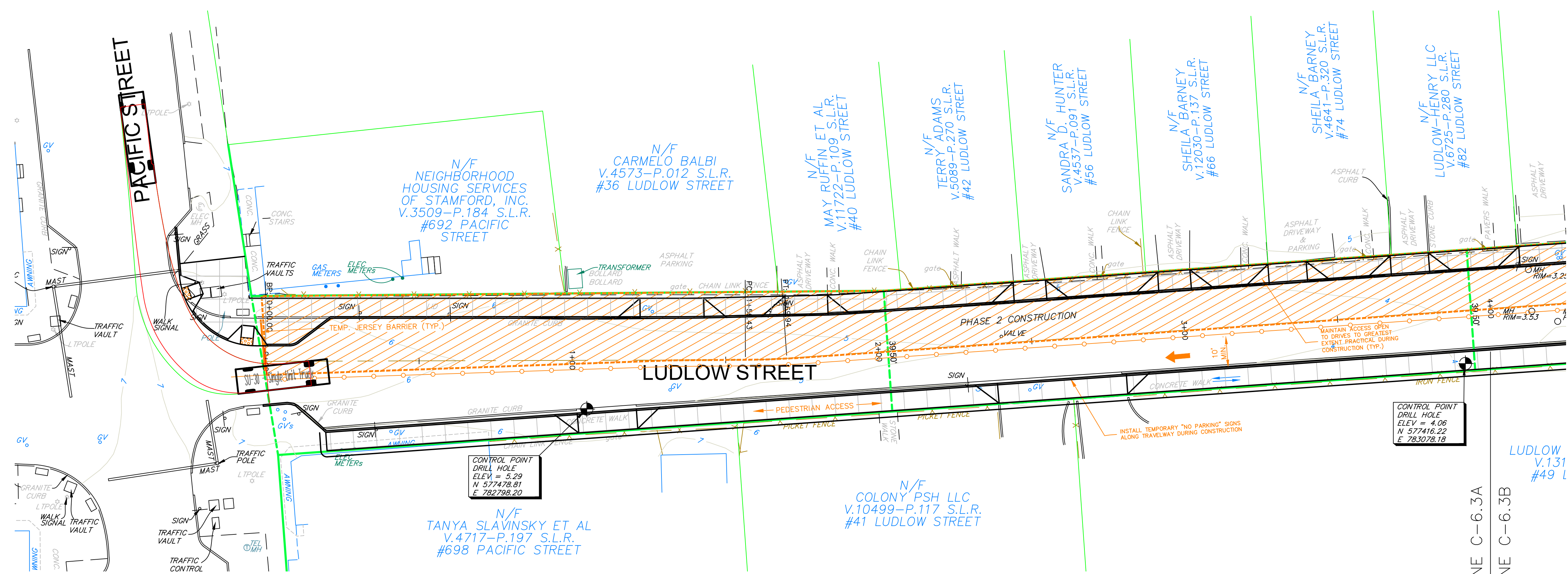
DRAWING: BB APPROVED: CJ  
SCALE: 1" = 20'  
DATE: 25 MAY 21  
PROJ. NO.: 3809  
CARD FILE NAME: 3809  
DRAWING NO.: **C-6.2**



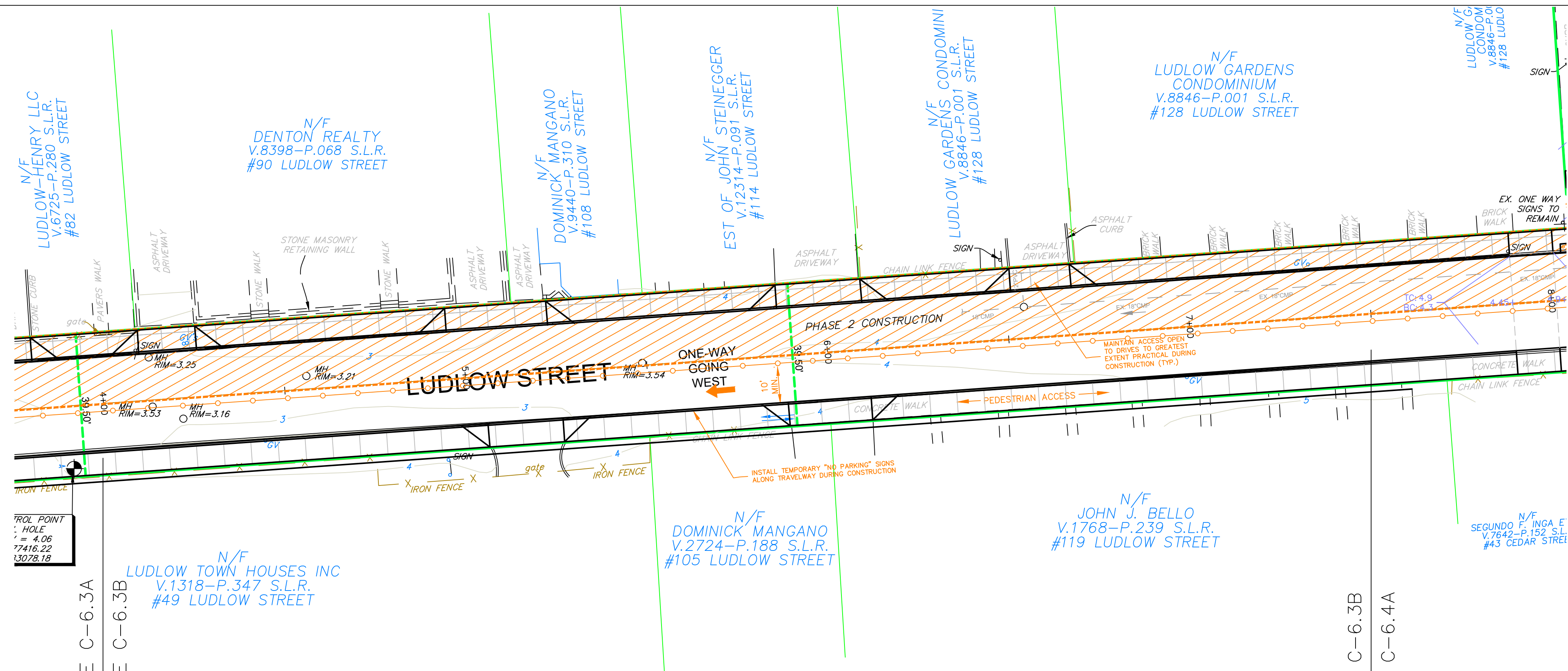
**LEGEND**

- PROPERTY LINE
- 42" TEMPORARY TRAFFIC CONES (10' SPACING)
- PROPOSED PEDESTRIAN CIRCULATION
- WORK ZONE

SHEET C-6.2B



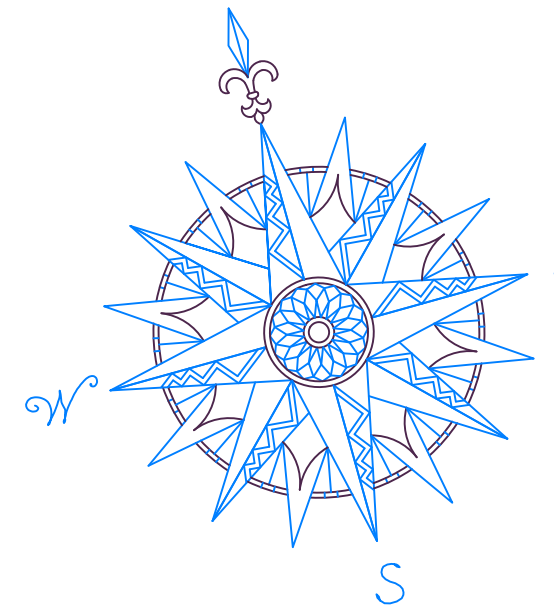
SHEET C-6.3A



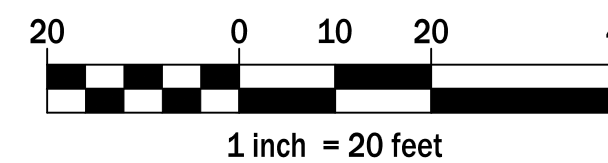
SHEET C-6.3B

NOTE:

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| 1                          | REVISED PER TTP REVIEW MEMO | 6-25-21 |
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| 3                          | REVISED PER TTP REVIEW MEMO | 8-13-21 |
| 4                          | REVISED PER TTP/ENGINEERING | 8-23-21 |
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BUILDING & LAND TECHNOLOGY  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902

LEGEND

- PROPERTY LINE
- 42" TEMPORARY TRAFFIC CONES (10' SPACING)
- PROPOSED PEDESTRIAN CIRCULATION
- WORK ZONE

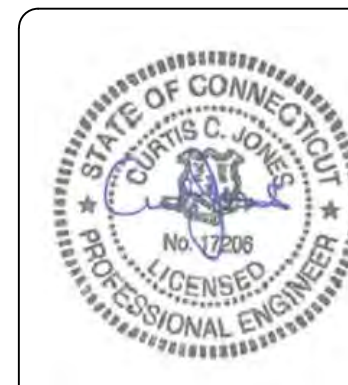
TRAFFIC & PEDESTRIAN  
DETOUR PLAN  
PHASE 2

LUDLOW STREET  
ROAD RECONSTRUCTION

STAMFORD CONNECTICUT



CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY CONNECTICUT



DRAWN: BB  
APPROVED: CJ  
SCALE: 1" = 20'  
DATE: 25 MAY 21  
PROJ. NO.: 3809  
CARD FILE NAME: 3809  
DRAWING NO.: C-6.3





|                                                                                       |                      |              |
|---------------------------------------------------------------------------------------|----------------------|--------------|
|  | DRAWN: BB            | APPROVED: CJ |
|                                                                                       | SCALE: N.T.S.        |              |
|                                                                                       | DATE: 25 MAY 21      |              |
|                                                                                       | PROJ. NO.: 3809      |              |
|                                                                                       | CADD FILE NAME: 3809 |              |
| DRAWING NO.: C-7.1                                                                    |                      |              |



1 1/2" HMA S0.375 BITUMINOUS CONCRETE OVERLAY (WEARING COURSE)  
(SPEC SECTION M.04)

TACK COAT

1 1/2" HMA S0.5 BITUMINOUS CONCRETE (BASE COURSE)  
(SPEC SECTION M.04)

8" PROCESSED AGGREGATE BASE  
(SPEC SECTION M.05.01)  
(PLACED IN 2 EQUAL LIFTS)

SUBBASE (BORROW, CONFORMING SPEC SECTION 02.07)

(A) BITUMINOUS CONCRETE PAVEMENT — DRIVEWAYS & PARKING LOTS  
N.T.S.

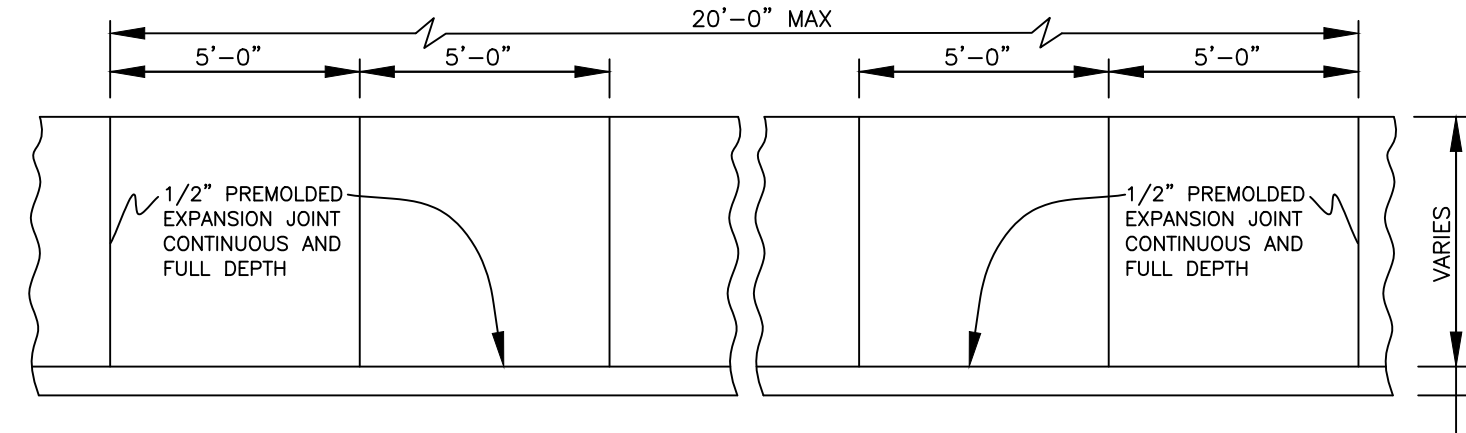
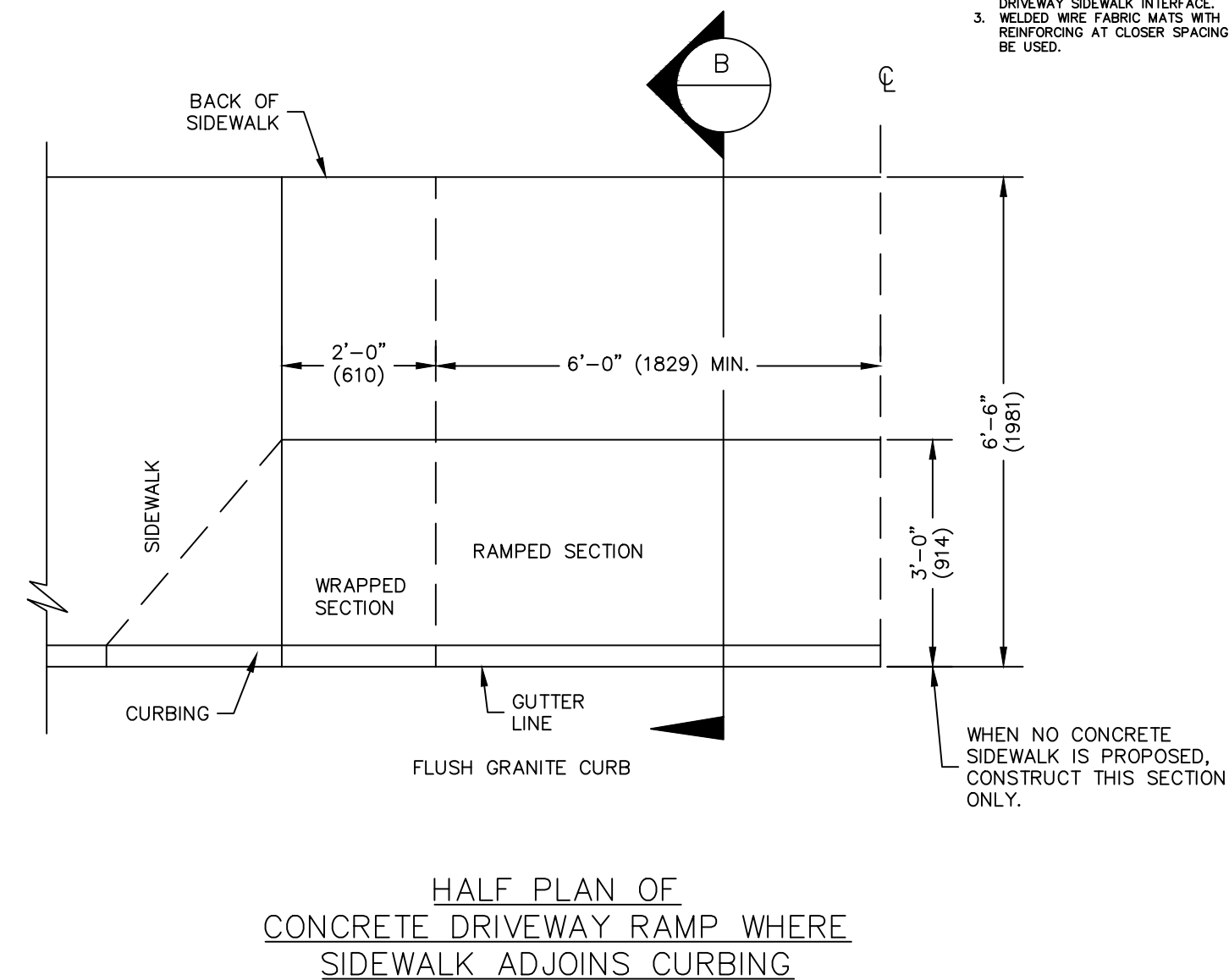
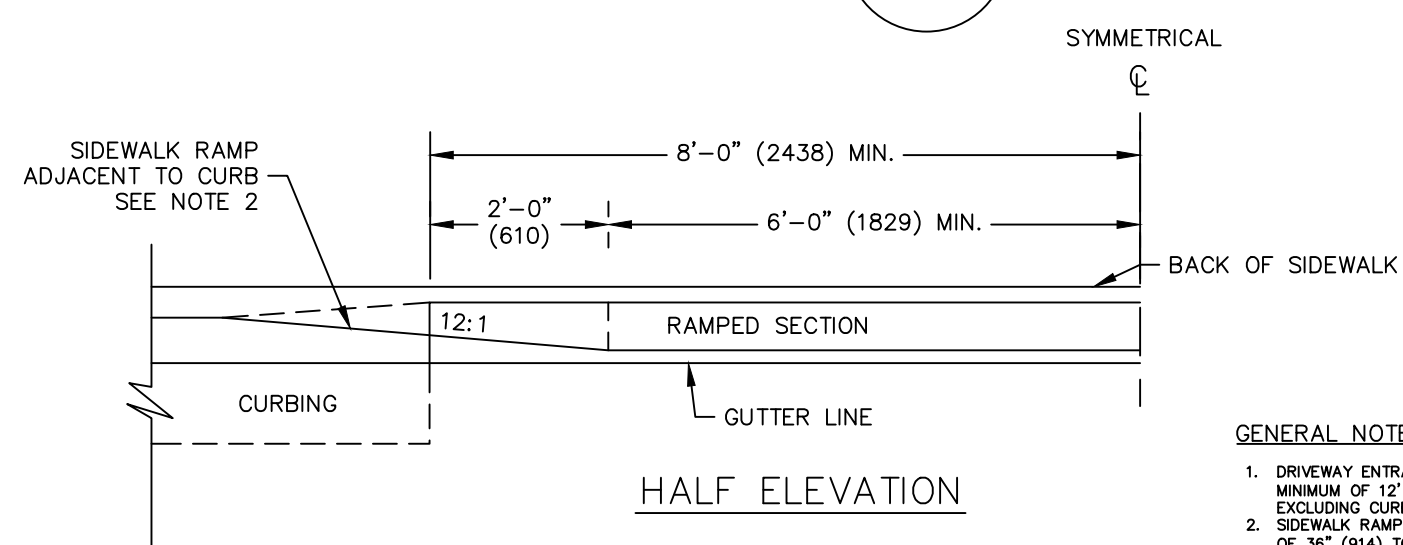
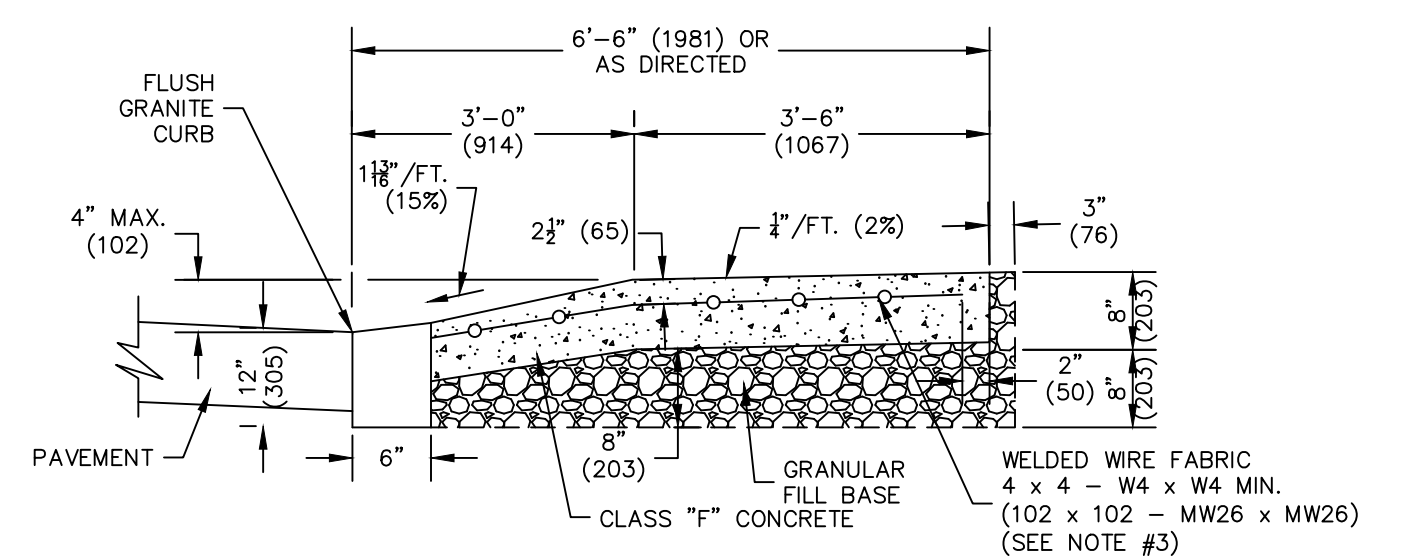
#4 GALVANIZED 6" WRE MESH

CTDOT CLASS 'F' CONCRETE  
(CTDOT FORM 818, SECTION M.03)

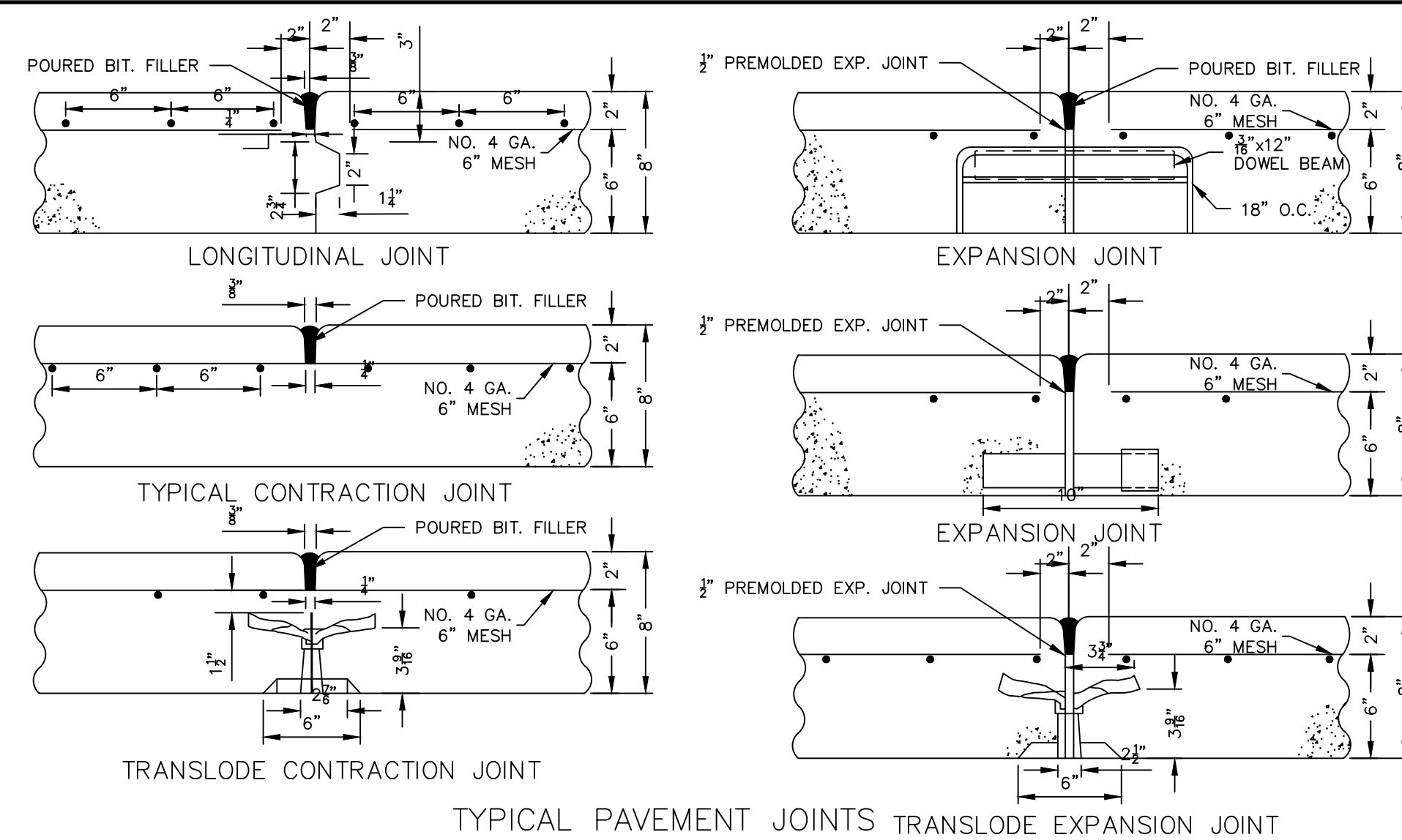
GRANULAR FILL  
(CTDOT FORM 817, SECTION M.02.06)

(B) CONCRETE SIDEWALKS  
N.T.S.

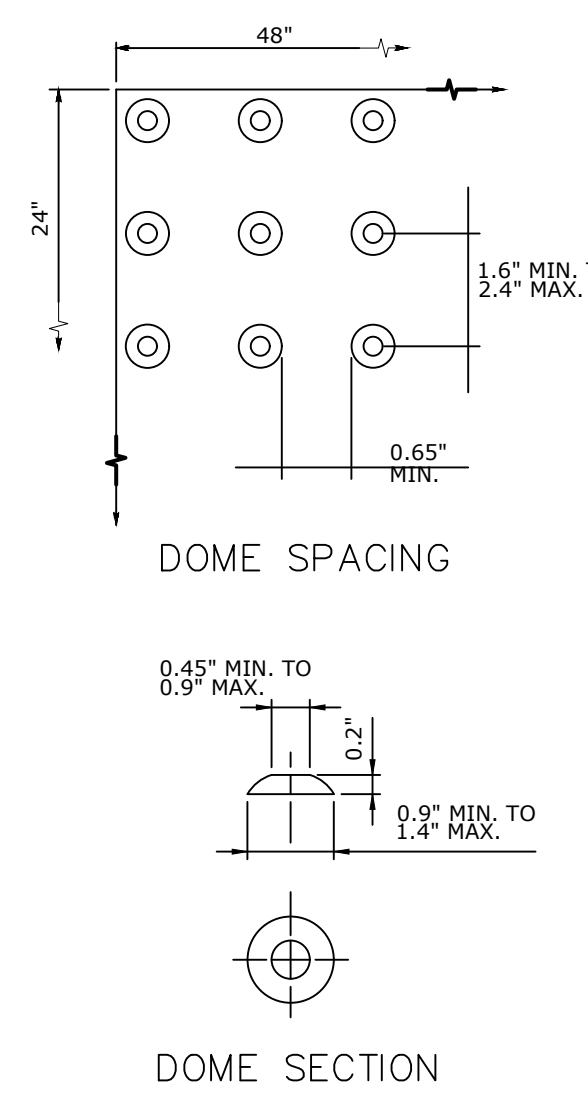
NOTE:  
SEE THIS SHEET FOR ADDITIONAL  
CITY OF STAMFORD CONCRETE  
SIDEWALK DETAILS.



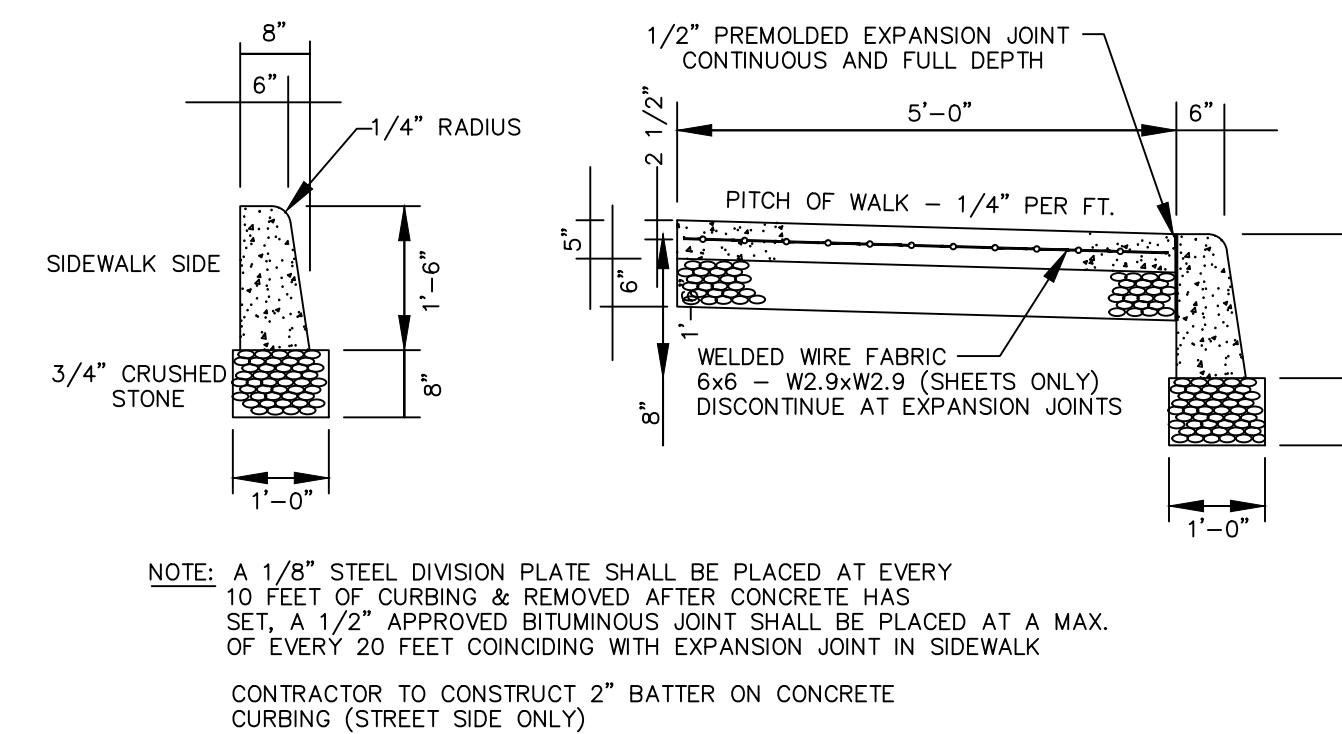
- NOTES:
1. SIDEWALK SHALL BE LAID TO A UNIFORM DEPTH OF FIVE (5) INCHES UPON A SIX (6) INCH  $\frac{3}{4}$ " STONE BASE.
  2. THE SURFACE EDGES SHALL BE ROUNDED TO A RADIUS OF  $\frac{5}{32}$  INCH.
  3. A  $\frac{1}{2}$  INCH APPROVED BITUMINOUS JOINT SHALL BE PLACED TRANSVERSELY EVERY 20 FT. MAX., AND BETWEEN NEW CONCRETE CURBING AND SIDEWALKS.
  4. A CONTROL JOINT SHALL BE MADE AT 5 FT. INTERVALS BETWEEN BITUMINOUS JOINTS.
  5. CONTROL JOINTS SHALL BE A MIN. DEPTH OF 1" OR D/4.
  6. ANY CHANGES REQUIRED BY LOCAL CONDITIONS SHALL BE MADE ONLY BY ORDER OF THE CITY ENGINEER.



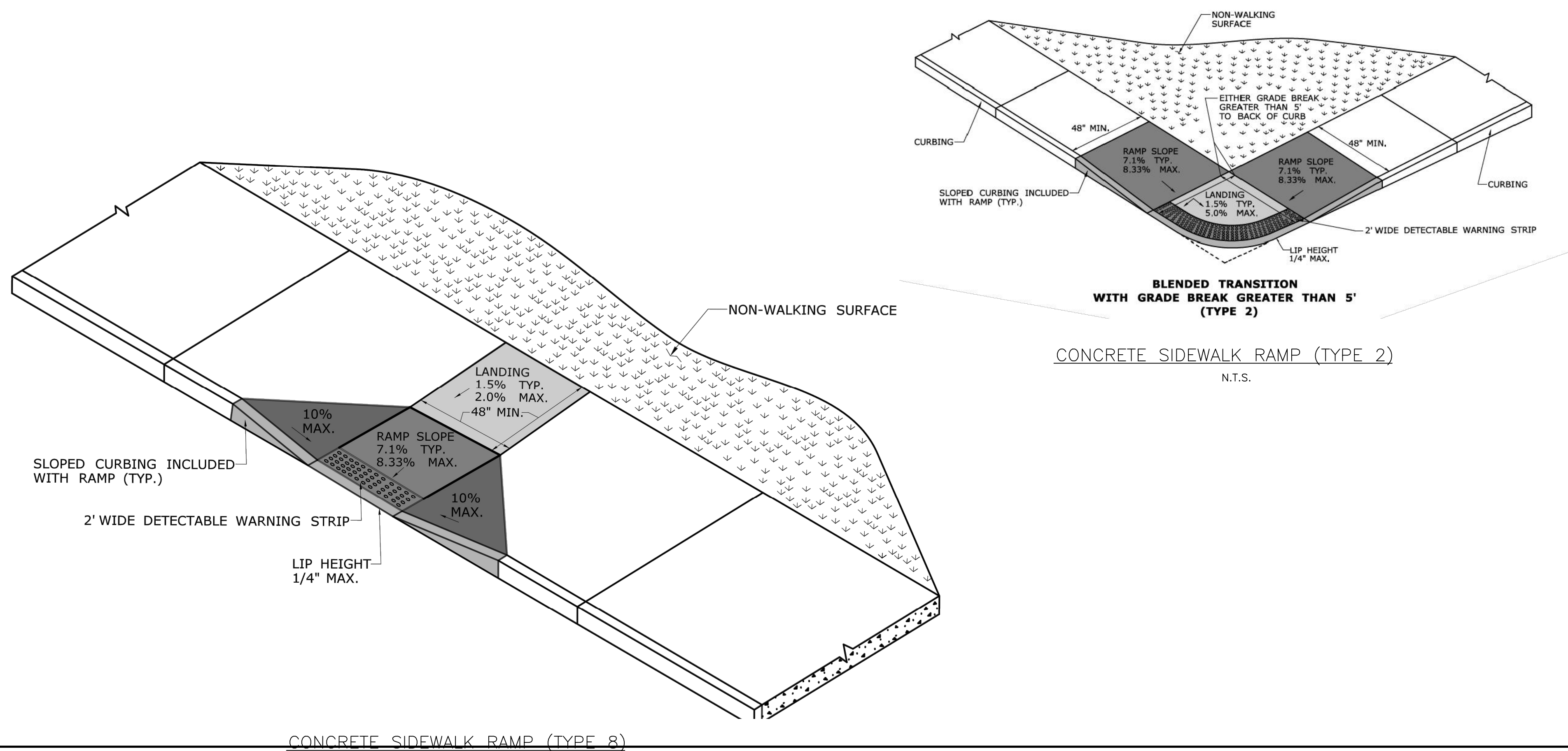
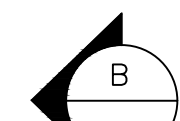
ADDITIONAL CITY OF STAMFORD CONCRETE SIDEWALK DETAILS  
N.T.S.



DETECTABLE WARNING DETAILS  
N.T.S.



CONCRETE CURB  
N.T.S.

[illegible]

**BUILDING & LAND TECHNOLOGY  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902**

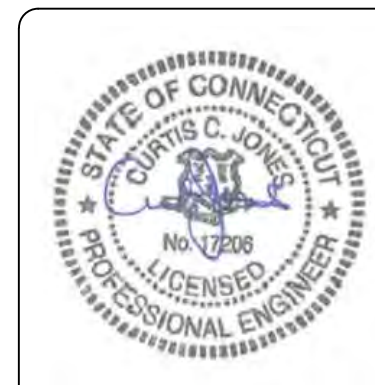
## DETAILS

## LUDLOW STREET ROAD RECONSTRUCTION

STAMFORD CONNECTICUT

**CIVIL C1**

CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266 - 0778 CONNECTICUT

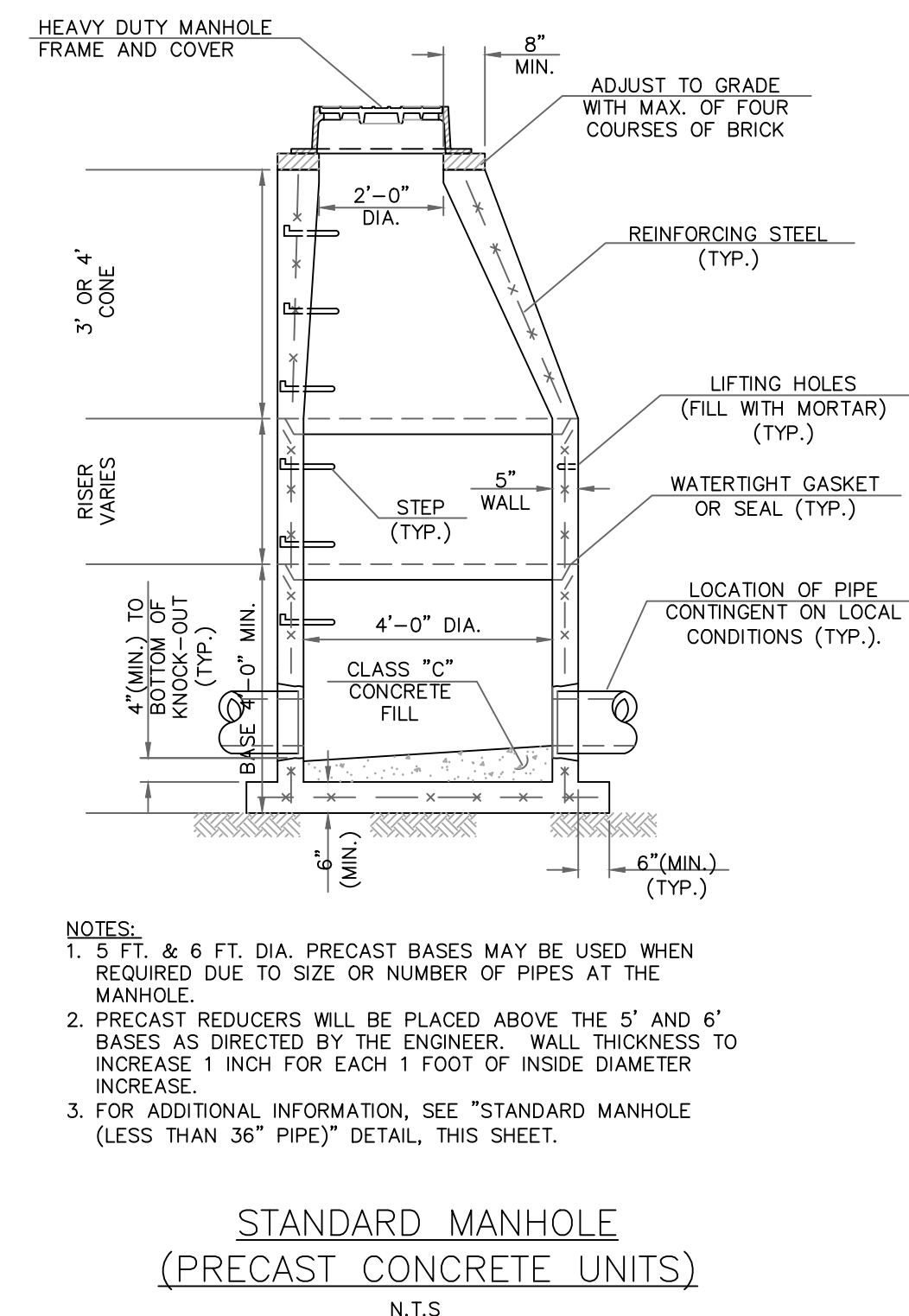
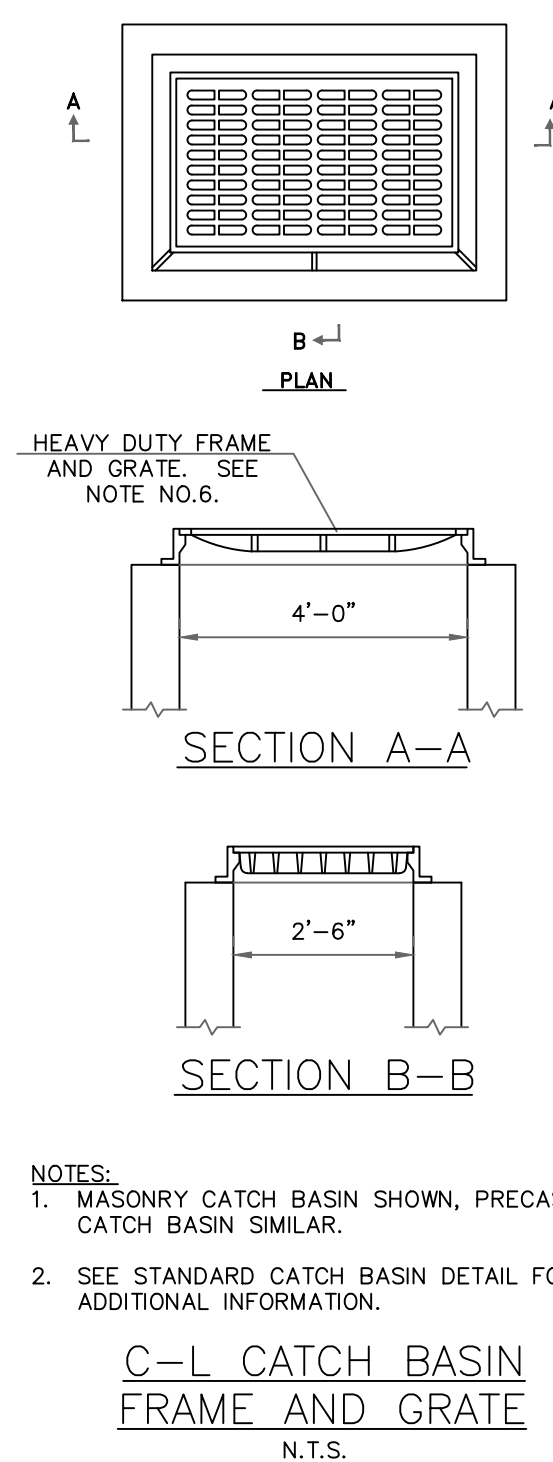
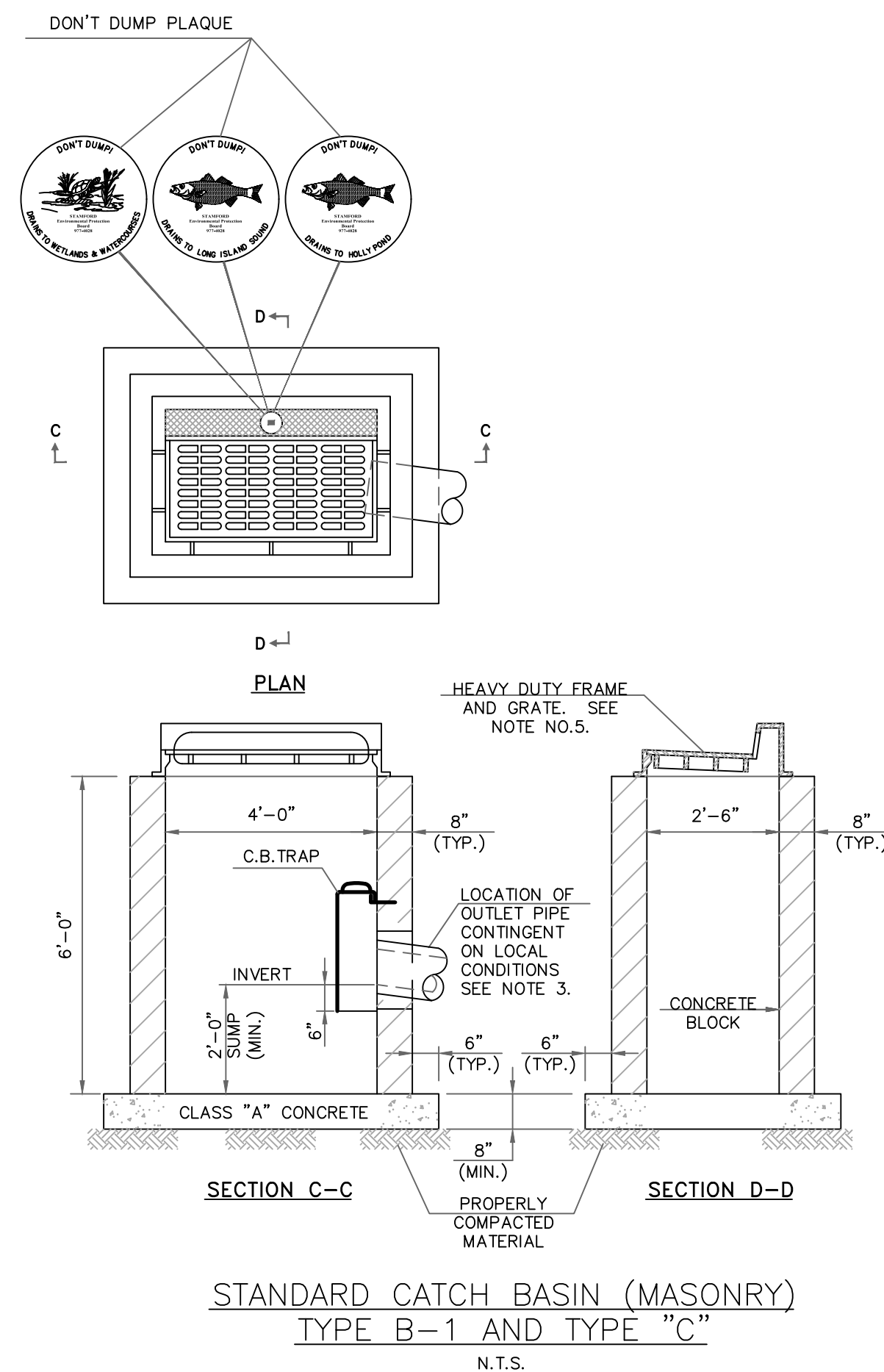
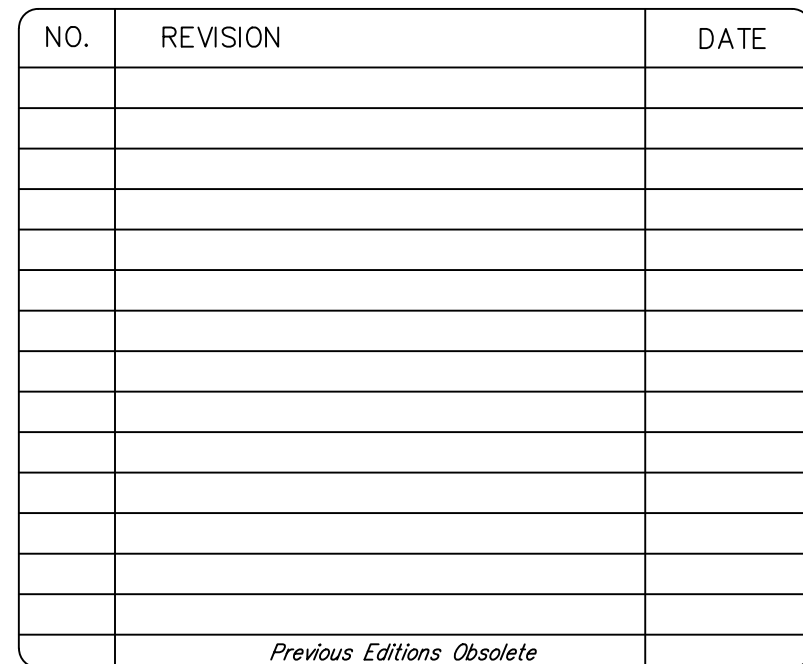


|                 |  |              |  |
|-----------------|--|--------------|--|
| DRAWING: BB     |  | APPROVED: CJ |  |
| SCALE:          |  | N.T.S.       |  |
| DATE:           |  | 25 MAY 21    |  |
| PROJ. NO.:      |  | 3809         |  |
| CADD FILE NAME: |  | 3809         |  |
| DRAWING NO.:    |  |              |  |

## C-7.2



3. ALL PRECAST SECTIONS SHALL BE CONSTRUCTED OF REINFORCED CONCRETE, INCLUDING THE SUMP. REINFORCING SHALL CONFORM TO ASTM A615, GRADE 40 OR BETTER. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
2. COMPACTION AROUND ALL STRUCTURES TO BE HAND TAMPED IN ACCORDANCE WITH SECTION 2.05 OF CONDOT STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, LATEST EDITION.
3. UNREINFORCED PIPES SHALL BE CUT FLUSH WITH INSIDE FACE OF C.B. WALL. REINFORCED PIPES SHALL BE CUT TO PROVIDE 1" RECESS INTO FACE OF C.B. WALL. CUT END SHALL THEN BE PATCHED WITH MORTAR FLUSH WITH WALL.
4. ALL UNUSED KNOCK-OUTS SHALL BE BRICKED UP WHERE DIRECTED BY THE ENGINEER.
5. TYPE "C" CATCH BASIN HEAVY DUTY FRAME AND GRATE TO BE CAMPBELL FOUNDRY CO. NO. 2617 OR ENGINEER APPROVED EQUAL.
6. TYPE "C-L" CATCH BASIN HEAVY DUTY FRAME AND GRATE TO BE CAMPBELL FOUNDRY CO. NO. 3408 OR ENGINEER APPROVED EQUAL.
7. FOR OUTLET PIPES 18" I.D. OR SMALLER C.B. TRAPS TO BE CAMPBELL FOUNDRY NO. 2564 OR ENGINEER APPROVED EQUAL. FOR LARGER PIPES, LARGER TRAPS SHALL BE USED, SUBJECT TO THE APPROVAL OF THE ENGINEER. TRAPS SHALL BE HUNG FROM TWO 1/2" SQUARE STAINLESS STEEL HANGER HOOKS EMBEDDED IN WALL OF C.B.
8. AS DIRECTED, THE CONTRACTOR SHALL ADHERE THE APPROPRIATE "DON'T DUMP" PLAQUE FURNISHED BY THE CITY TO TOPS OF CATCH BASIN FRAMES, AS SHOWN. IN ADDITION TO THE PEEL AND STICK BACKING, CONTRACTOR SHALL BOND PLAQUE TO SUBSTRATE USING EXTERIOR GRADE CONSTRUCTION ADHESIVE. COST OF THIS SHALL BE INCLUDED IN THE COST OF CATCH BASIN WORK.
9. CASTINGS DESIGNATED AS "HEAVY DUTY" SHALL SAFELY WITHSTAND AASHTO HS20 HIGHWAY LOADING.
10. ALL STEEL TO BE STRUCTURAL GRADE CONFORMING TO ASTM A36.
11. CAST IRON SHALL CONFORM TO ASTM A48 CLASS 30.
12. SEAT OF MANHOLE FRAMES, EDGES AND BOTTOM OF COVERS SHALL BE MACHINED TO A TRUE SURFACE SO COVERS WILL NOT BIND OR ROCK ON FRAMES.
13. FIRST STEP FROM TOP OF MANHOLE SHALL BE SHORTENED SO AS TO EXTEND NOT MORE THAN 4" FROM WALL OF MANHOLE. ALL OTHER STEPS SHALL EXTEND 6" FROM WALL.
14. APPROVED CONCRETE BLOCK MAY BE USED IN LIEU OF BRICK IN THE CONSTRUCTION OF CATCH BASINS AND STORM MANHOLES.
15. WHERE SHOWN, STEEL ITEMS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 FOR STEEL SHAPES AND PLATES, OR ASTM A153 FOR HARDWARE.
16. REINFORCING STEEL SHALL CONFORM TO THE FOLLOWING: BAR REINFORCEMENT - ASTM A615, GRADE 60 WELDED WIRE FABRIC - ASTM A184, WELDED DEFORMED WIRE FABRIC - ASTM A497
17. UNREINFORCED PIPES SHALL BE CUT FLUSH WITH INSIDE FACE OF C.B. WALL. REINFORCED PIPES SHALL BE CUT TO PROVIDE 1" RECESS INTO FACE OF C.B. WALL. CUT END SHALL THEN BE PATCHED WITH MORTAR FLUSH WITH WALL.
18. ALL UNUSED KNOCK-OUTS SHALL BE BRICKED UP WHERE DIRECTED BY THE ENGINEER.



**BUILDING & LAND TECHNOLOGY  
1 ELMCROFT ROAD  
SUITE 500  
STAMFORD, CT 06902**

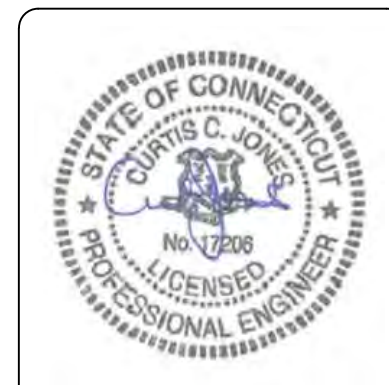
## DETAILS

# LUDLOW STREET ROAD RECONSTRUCTION

STAMFORD CONNECTICUT



CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266-0778 CONNECTICUT



DRAWING: BB APPROVED: CJ  
SCALE: N.T.S.  
DATE: 25 MAY 21  
PROJ. NO.: 3809  
CADD FILE NAME: 3809  
DRAWING NO.: C-7.4

NOTE: DETAILS ARE PROVIDED SHOULD REPLACEMENT OF STRUCTURE BECOME NECESSARY DURING CONSTRUCTION. REPLACEMENT OF STRUCTURES IS NOT PROPOSED AS PART OF THIS SCOPE OF CONSTRUCTION

