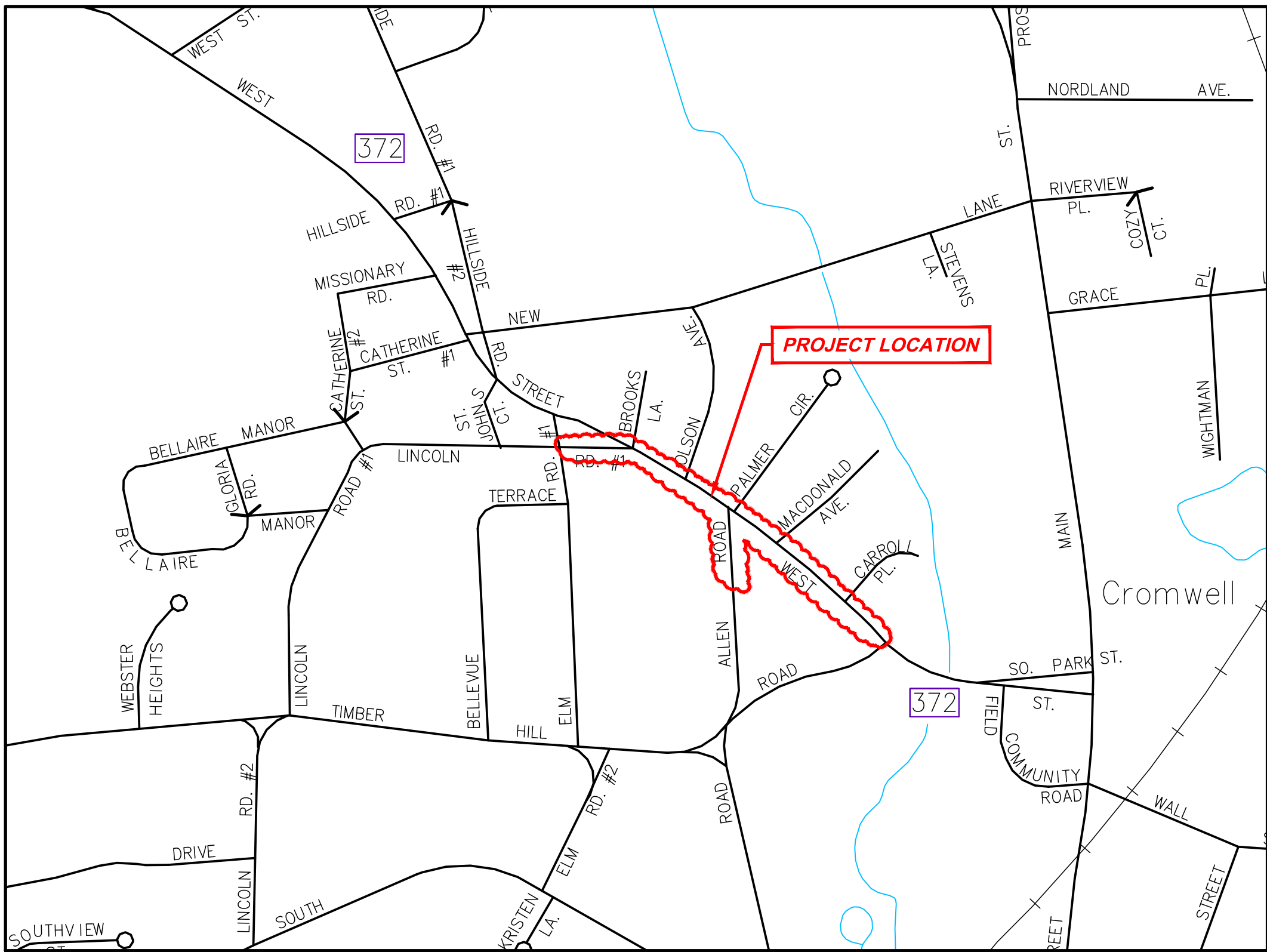


# WEST STREET SIDEWALK IMPROVEMENTS AND ROAD REALIGNMENT

PREPARED FOR  
TOWN OF CROMWELL  
CROMWELL, CONNECTICUT  
MARCH 2, 2023  
REVISED MARCH 7, 2023

| LEGEND |                              |
|--------|------------------------------|
|        | ROW LINE                     |
|        | PROPERTY LINE                |
|        | CONTOUR LINE                 |
|        | EDGE OF PAVEMENT             |
|        | BITUMINOUS CURBING           |
|        | CATCH BASIN TYPE "C"         |
|        | CATCH BASIN TYPE "CL"        |
|        | STORM DRAINAGE PIPE          |
|        | STORM DRAINAGE MANHOLE       |
|        | SANITARY SEWER LINE          |
|        | SANITARY SEWER MANHOLE       |
|        | SANITARY SEWER LATERAL       |
|        | WATER MAIN                   |
|        | WATER MAIN SERVICE LINE      |
|        | HYDRANT                      |
|        | WATER GATE                   |
|        | WATER CURB STOP              |
|        | GAS MAIN                     |
|        | GAS GATE                     |
|        | UTILITY POLE                 |
|        | UP WITH OVERHEAD LIGHT       |
|        | TREE LINE                    |
|        | MAILBOX                      |
|        | SIGN                         |
|        | SURVEY CONTROL POINT         |
|        | SURVEY CONTROL TRAVERSE LINE |



LOCATION PLAN  
SCALE 1"=500'

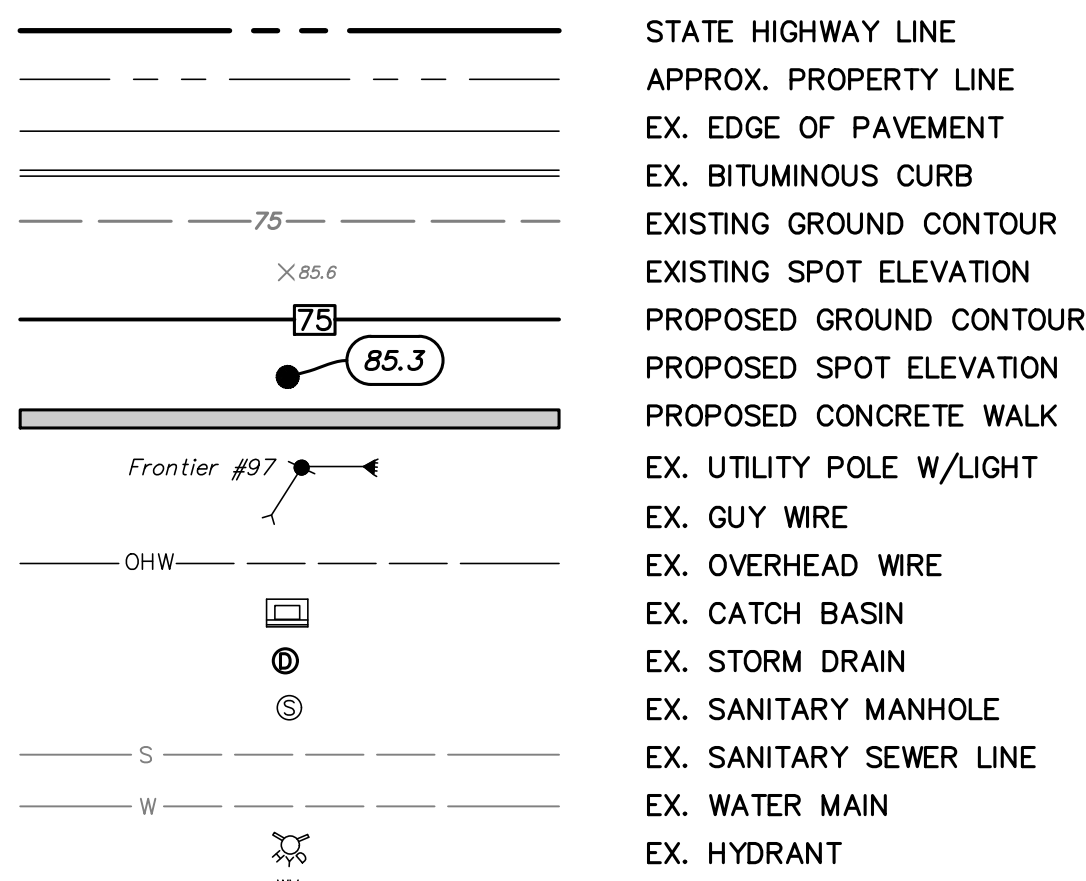
| LIST OF DRAWINGS |                                                               |
|------------------|---------------------------------------------------------------|
| NUMBER           | TITLE                                                         |
|                  | COVER                                                         |
| S1               | SIDEWALK IMPROVEMENTS                                         |
| S2               | SIDEWALK IMPROVEMENTS                                         |
| S3               | SIDEWALK IMPROVEMENTS                                         |
| S4               | ALLEN ROAD RECONSTRUCTION                                     |
| S5               | LINCOLN STREET REMOVAL                                        |
| CS1              | SIDEWALK CROSS SECTIONS                                       |
| CS2              | SIDEWALK CROSS SECTIONS                                       |
| TR1              | TRAFFIC CONTROL PLAN                                          |
| DT1              | DETOUR PLAN                                                   |
| ST1              | SURVEY CONTROL SWING TIES AND BASELINE REPORTS                |
| D1               | SIDEWALK DETAILS                                              |
| D2               | SIDEWALK DETAILS                                              |
| D3               | SIDEWALK DETAILS                                              |
| D4               | SEDIMENT & EROSION CONTROL DETAILS                            |
| HW-922_01        | BITUMINOUS CONCRETE SIDEWALK AND BITUMINOUS CONCRETE DRIVEWAY |



HALEY WARD  
ENGINEERING | ENVIRONMENTAL | SURVEYING  
2210 Main St.  
Glastonbury, Connecticut 06033  
860.659.3100

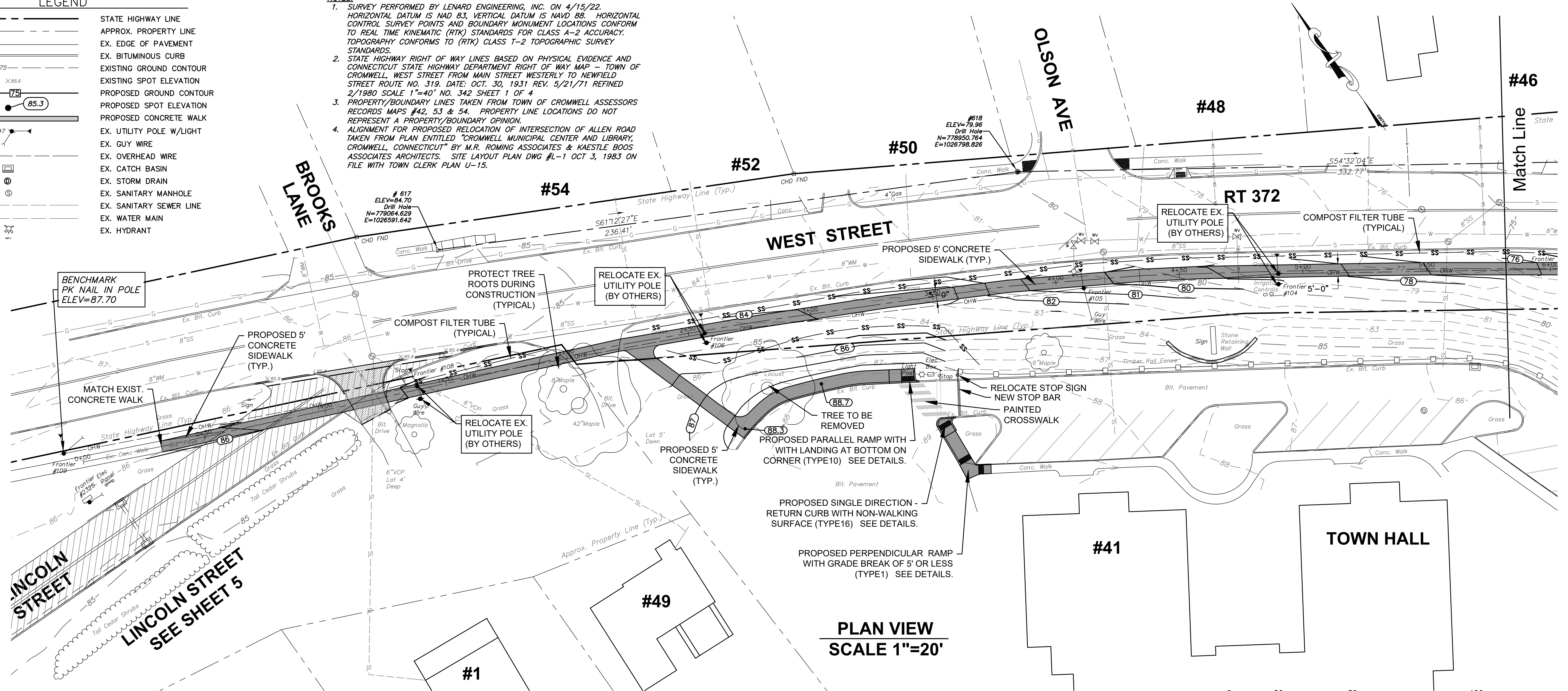


# LEGEND

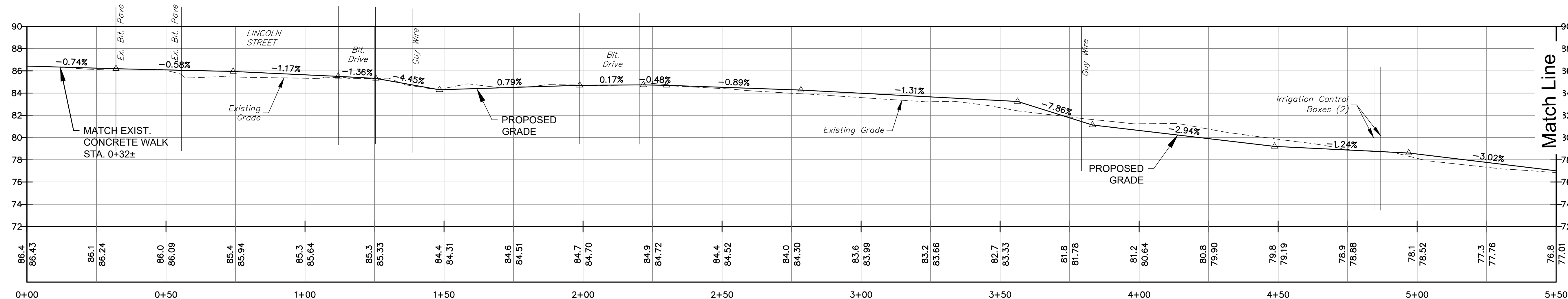
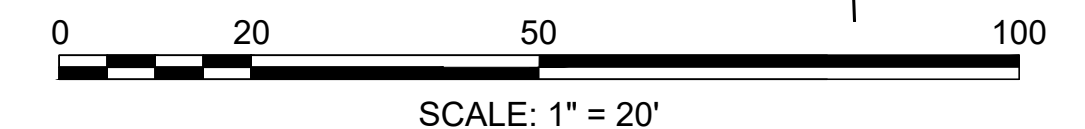


## NOTES:

1. SURVEY PERFORMED BY LENARD ENGINEERING, INC. ON 4/15/22. HORIZONTAL DATUM IS NAD 83, VERTICAL DATUM IS NAVD 83. HORIZONTAL CONTROL SURVEY POINTS AND BOUNDARY MONUMENT LOCATIONS CONFORM TO REAL TIME KINEMATIC (RTK) STANDARDS FOR CLASS A-2 ACCURACY. TOPOGRAPHY CONFORMS TO (RTK) CLASS T-2 TOPOGRAPHIC SURVEY STANDARDS.
2. STATE HIGHWAY RIGHT OF WAY LINES BASED ON PHYSICAL EVIDENCE AND CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP - TOWN OF CROMWELL, WEST STREET FROM MAIN STREET WESTERLY TO NEWFIELD STREET ROUTE NO. 319. DATE: OCT. 30, 1931 REV. 5/21/71 REFINED 2/1980 SCALE 1"=40' NO. 342 SHEET 1 OF 4
3. PROPERTY/BOUNDARY LINES TAKEN FROM TOWN OF CROMWELL ASSESSORS RECORDS MAPS #42, 53 & 54. PROPERTY LINE LOCATIONS DO NOT REPRESENT A PROPERTY/BOUNDARY OPINION.
4. ALIGNMENT FOR PROPOSED RELOCATION OF INTERSECTION OF ALLEN ROAD TAKEN FROM PLAN ENTITLED "CROMWELL MUNICIPAL CENTER AND LIBRARY, CROMWELL, CONNECTICUT" BY M.R. ROMING ASSOCIATES & KAESTLE BOOS ASSOCIATES ARCHITECTS. SITE LAYOUT PLAN DWG #L-1 OCT 3, 1983 ON FILE WITH TOWN CLERK PLAN U-15.



PLAN VIEW  
SCALE 1"=20'



PROFILE VIEW  
SCALE 1"=20' HORIZ.  
1"=5' VERT.

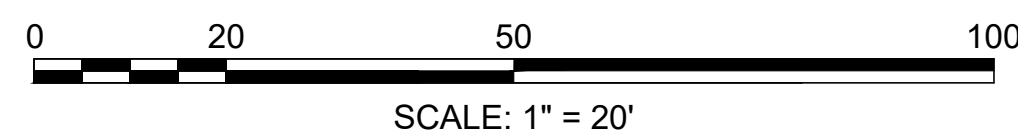
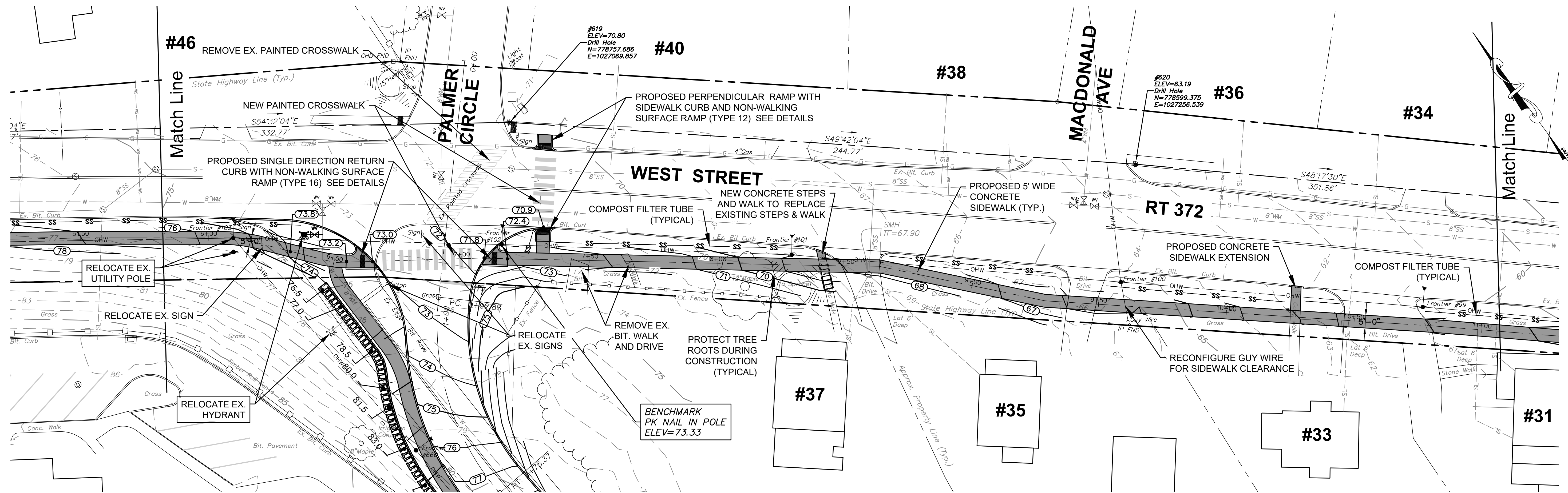
## NOTES :

1. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENT AGENCIES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-922-4455.

## UTILITY REFERENCE MAPS

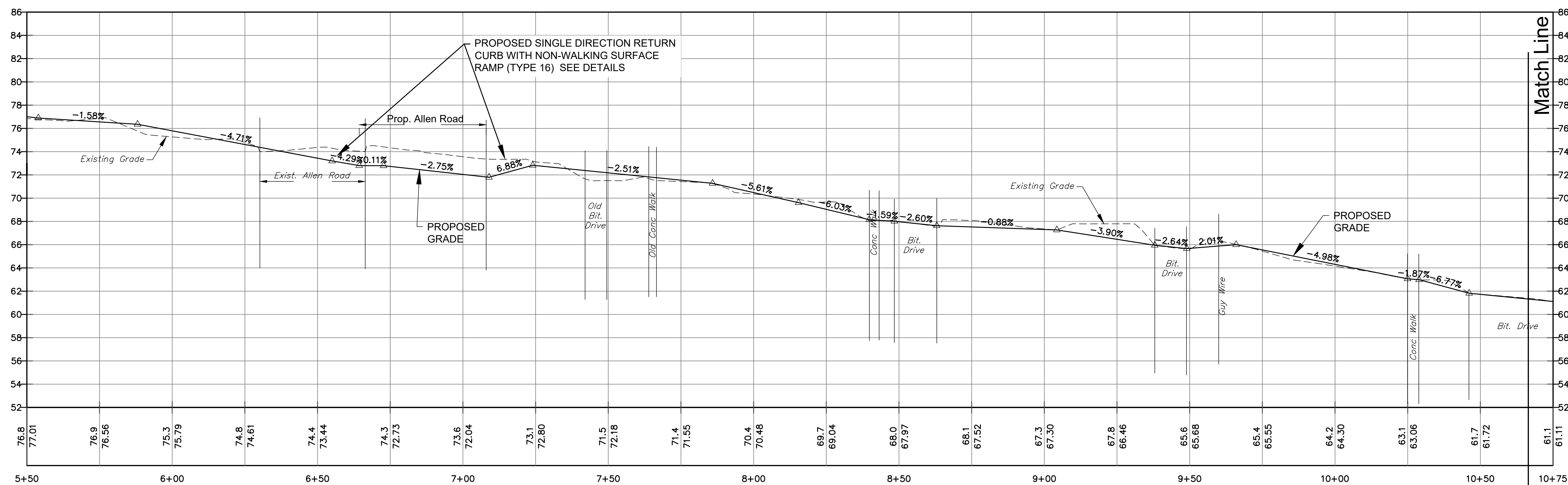
1. CROMWELL FIRE DISTRICT - WATER DIVISION WATER SYSTEM IMPROVEMENTS PHASE 1 WATER MAINS - CONTRACT NO. 3 RECORD DRAWINGS SHEET 2 TIMBER HILL ROAD STA. 19+25 TO STA. 25+32 AND ALLEN ROAD AND SHEET 4 WEST STREET STA. 20+74 TO STA. 41+89. BOTH SHEETS DATE OCTOBER 1990 REV. SEPT. 1991 SCALE: 1"=40' CAMP DRESSER & MCKEE PLANS SUPPLIED BY CROMWELL FIRE DISTRICT
2. TOWN OF CROMWELL SEWER COMMISSION - SANITARY SEWER CONTRACT NO. 1 WEST STREET BETWEEN ELM ST. & ALLEN ST. SHEET NO. 40 AND WEST STREET BETWEEN ALLEN RD. & TIMBER HILL RD. SHEET NO. 39. BOTH SHEETS "AS BUILT" DATE: SEPT. 1988 SCALE: 1"=40' HORIZ. 1"=4' VERT. CAHN ENGINEERS PLANS SUPPLIED BY CROMWELL SEWER DEPARTMENT

| REV.                                                                                                                                       | DATE | DESCRIPTION                                              | BY | CHK.       |
|--------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------|----|------------|
| DRAWING ISSUE STATUS                                                                                                                       |      |                                                          |    |            |
| <b>FOR REVIEW</b>                                                                                                                          |      |                                                          |    |            |
| <p><b>HALEY WARD</b><br/>ENGINEERING   ENVIRONMENTAL   SURVEYING<br/>2210 Main St.<br/>Glastonbury, Connecticut 06033<br/>860.659.3100</p> |      | PROJECT                                                  |    |            |
|                                                                                                                                            |      | <p><b>TOWN OF CROMWELL</b><br/>CROMWELL, CONNECTICUT</p> |    |            |
| TITLE                                                                                                                                      |      |                                                          |    |            |
| <b>SIDEWALK IMPROVEMENTS</b>                                                                                                               |      |                                                          |    |            |
| DATE                                                                                                                                       |      | SCALE                                                    |    |            |
| March 2, 2023                                                                                                                              |      | AS NOTED                                                 |    |            |
| DRAWN BY                                                                                                                                   |      | DESIGNED BY                                              |    | CHECKED BY |
| KLD/JED                                                                                                                                    |      | JED                                                      |    | JEE        |
| PROJECT No.                                                                                                                                |      | CONTRACT No.                                             |    |            |
| 22-334                                                                                                                                     |      |                                                          |    |            |
| DRAWING No.                                                                                                                                |      |                                                          |    | REV.       |
|                                                                                                                                            |      |                                                          |    |            |
| <b>S1</b>                                                                                                                                  |      |                                                          |    |            |



NOTES :

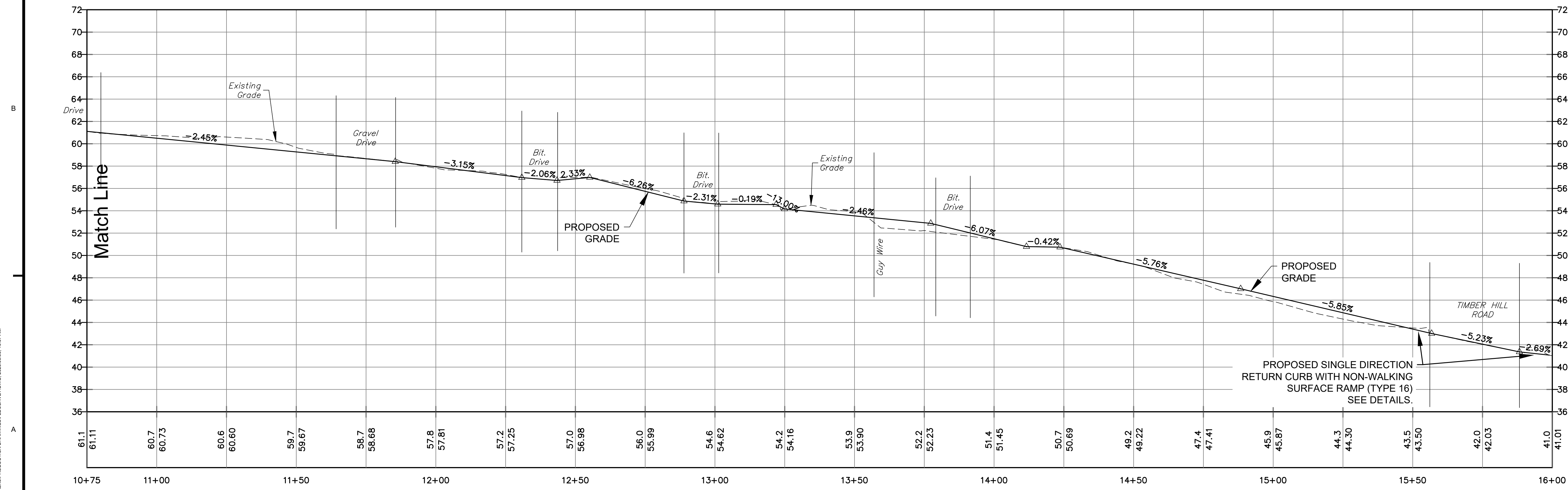
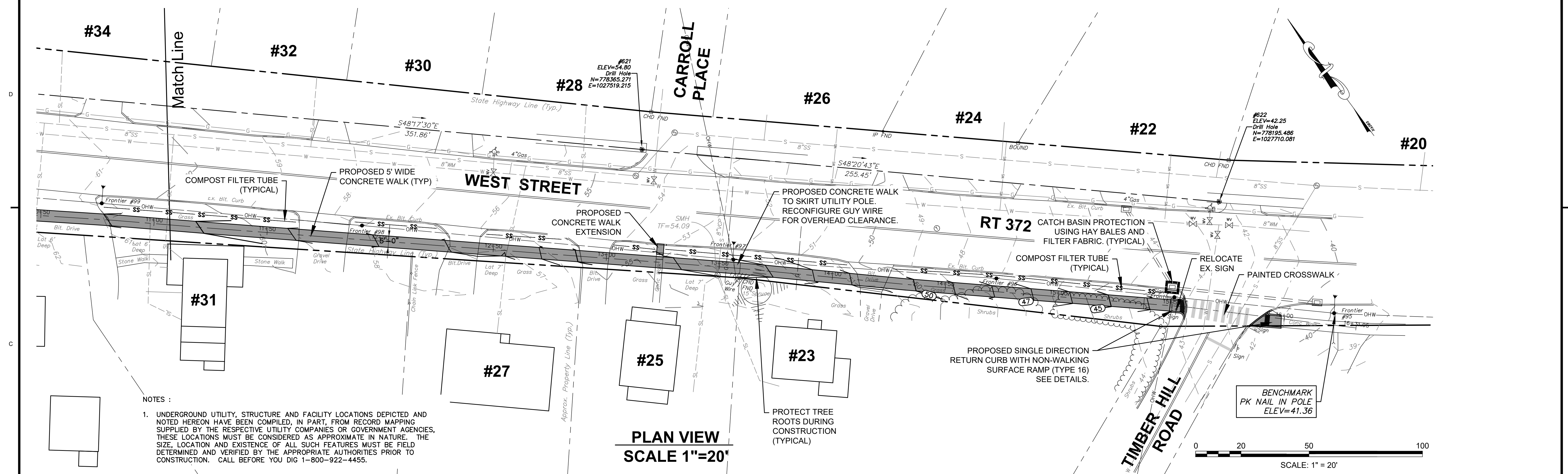
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**PROFILE VIEW**  
**SCALE 1"=20' HORIZ.**  
**1"=5' VERT.**

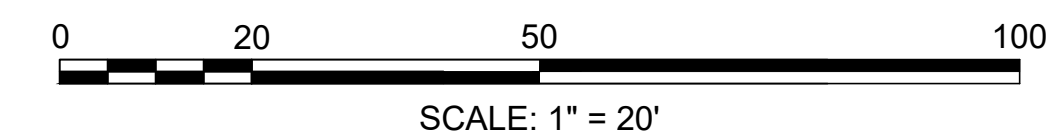
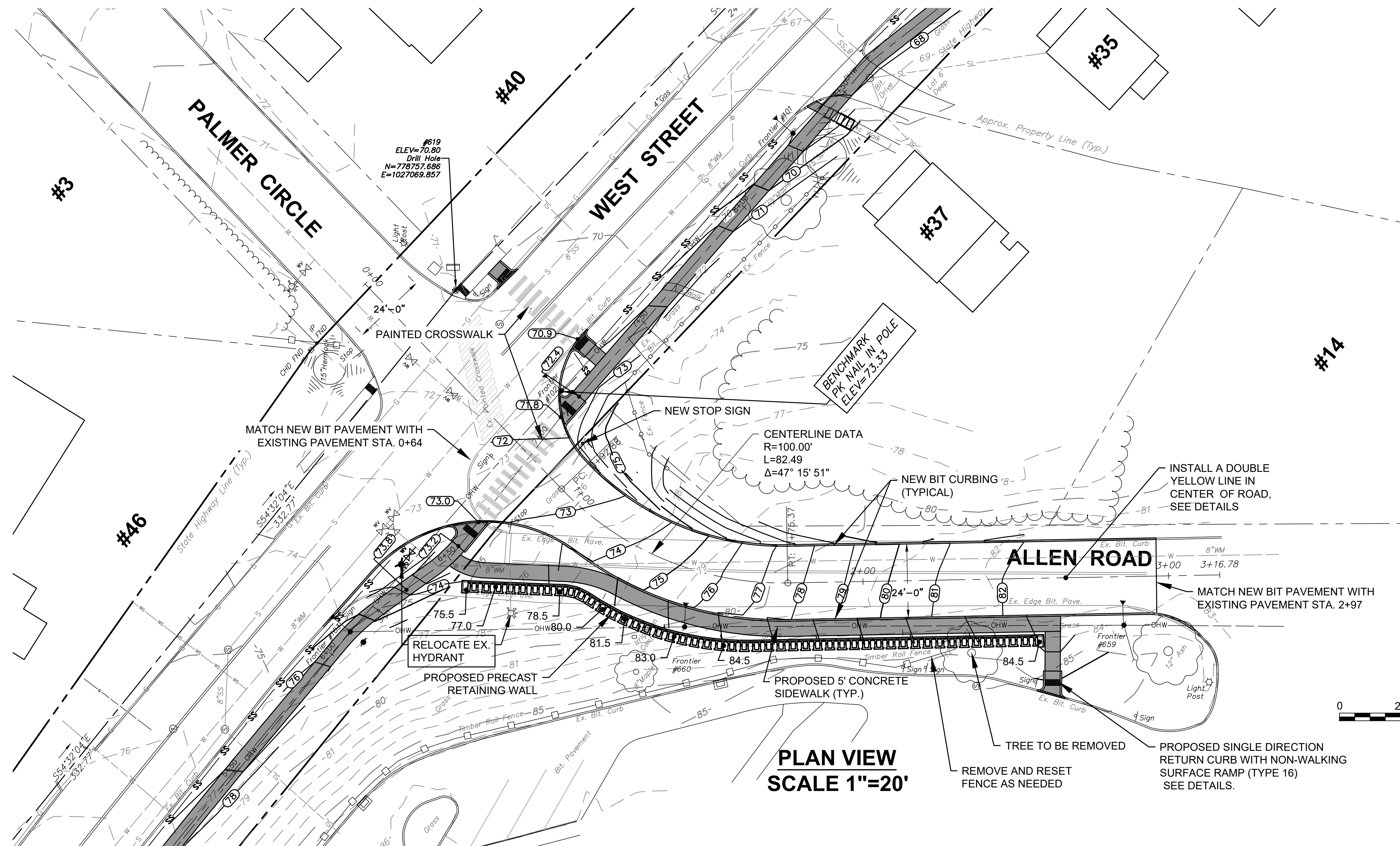
| REV.                                                                                                                                                                                                                  | DATE | DESCRIPTION | BY | CHK. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|----|------|
| DRAWING ISSUE STATUS                                                                                                                                                                                                  |      |             |    |      |
| FOR REVIEW                                                                                                                                                                                                            |      |             |    |      |
|  <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |      |             |    |      |
| PROJECT                                                                                                                                                                                                               |      |             |    |      |
| TOWN OF CROMWELL<br>CROMWELL, CONNECTICUT                                                                                                                                                                             |      |             |    |      |
| TITLE                                                                                                                                                                                                                 |      |             |    |      |
| SIDEWALK IMPROVEMENTS                                                                                                                                                                                                 |      |             |    |      |
| DATE: March 2, 2023                                                                                                                                                                                                   |      |             |    |      |
| SCALE: AS NOTED                                                                                                                                                                                                       |      |             |    |      |
| DRAWN BY: KLD/JED                                                                                                                                                                                                     |      |             |    |      |
| DESIGNED BY: JED                                                                                                                                                                                                      |      |             |    |      |
| CHECKED BY: JEE                                                                                                                                                                                                       |      |             |    |      |
| PROJECT No: 22-334                                                                                                                                                                                                    |      |             |    |      |
| CONTRACT No:                                                                                                                                                                                                          |      |             |    |      |
| DRAWING No:                                                                                                                                                                                                           |      |             |    |      |
| REV:                                                                                                                                                                                                                  |      |             |    |      |
| <b>S2</b>                                                                                                                                                                                                             |      |             |    |      |

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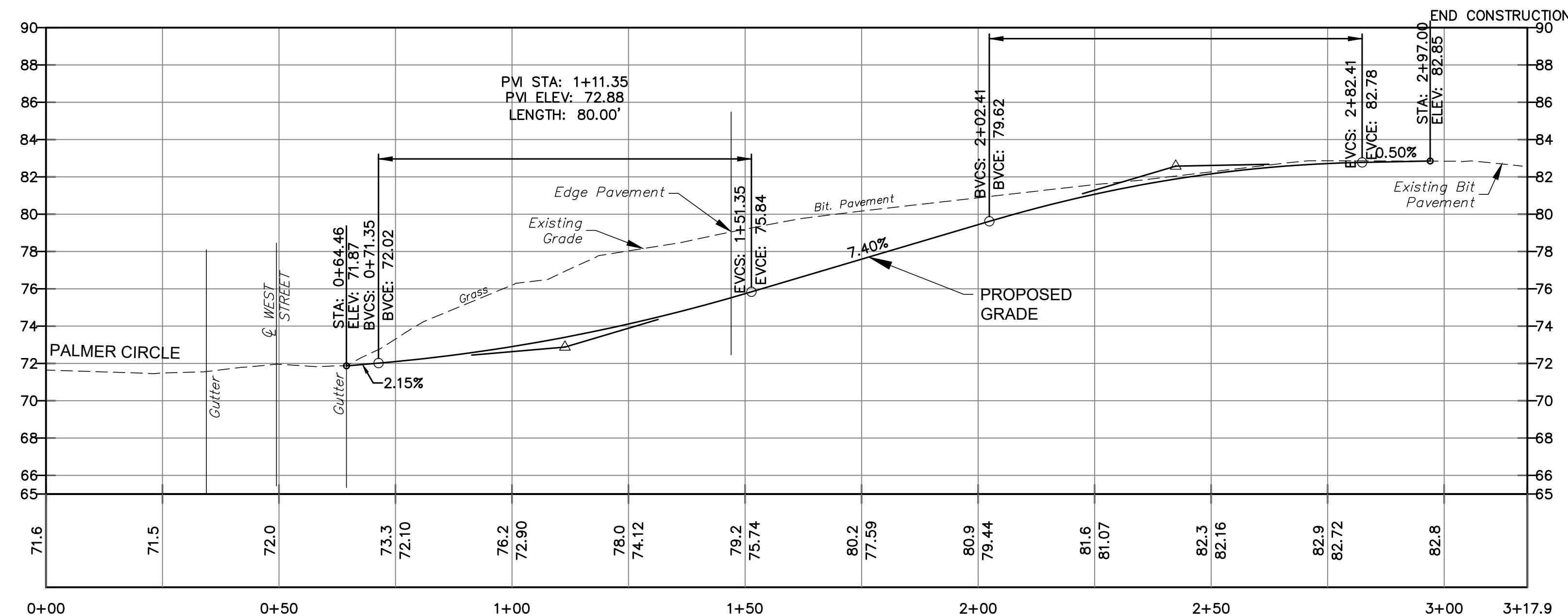


| REV.                                                                                                                                                                                                                  | DATE | DESCRIPTION   | BY | CHK.       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------|----|------------|
| DRAWING ISSUE STATUS                                                                                                                                                                                                  |      |               |    |            |
| FOR REVIEW                                                                                                                                                                                                            |      |               |    |            |
|  <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |      |               |    |            |
| PROJECT                                                                                                                                                                                                               |      |               |    |            |
| TOWN OF CROMWELL<br>CROMWELL, CONNECTICUT                                                                                                                                                                             |      |               |    |            |
| TITLE                                                                                                                                                                                                                 |      |               |    |            |
| ALLEN ROAD RECONSTRUCTION                                                                                                                                                                                             |      |               |    |            |
| DATE                                                                                                                                                                                                                  |      | March 2, 2023 |    | SCALE      |
| DRAWN BY                                                                                                                                                                                                              |      | KLD/JED       |    | AS NOTED   |
| PROJECT No.                                                                                                                                                                                                           |      | 22-334        |    | CHECKED BY |
| DRAWING No.                                                                                                                                                                                                           |      | S3            |    | JEE        |





PVI STA: 2+42.41  
PVI ELEV: 82.58  
LENGTH: 80.00'



NOTES :

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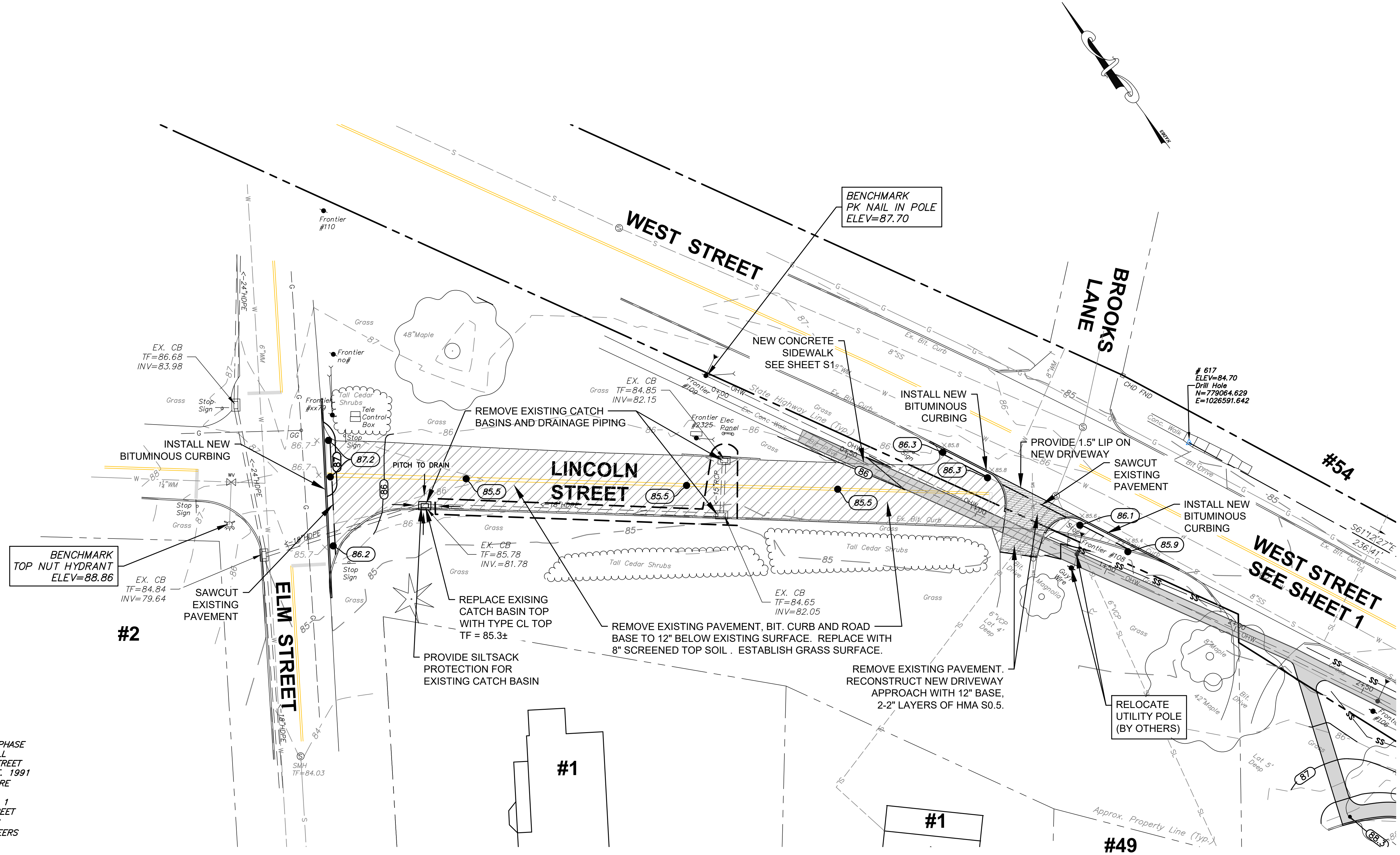
| REV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DATE          | DESCRIPTION                                                                                                                     | BY       | CHK. |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|----------|------|------|---------------|-------|----------|----------|---------|-------------|-----|------------|-----|--|--|-------------|--------|--------------|--|-------------|-----------|--|--|
| DRAWING ISSUE STATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                                                                                                                                 |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| <b>FOR REVIEW</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                                                                                                                                 |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | PROJECT                                                                                                                         |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| <b>TOWN OF CROMWELL<br/>CROMWELL, CONNECTICUT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                                                                                                                                 |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| <b>ALLEN ROAD RECONSTRUCTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                                                                                                                                 |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| TITLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                 |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| <div style="display: flex; justify-content: space-between;"> <div> </div> <div> <table border="1"> <tr> <td>DATE</td> <td>March 2, 2023</td> <td>SCALE</td> <td>AS NOTED</td> </tr> <tr> <td>DRAWN BY</td> <td>KLD/JED</td> <td>DESIGNED BY</td> <td>JED</td> </tr> <tr> <td>CHECKED BY</td> <td>JEE</td> <td></td> <td></td> </tr> <tr> <td>PROJECT No.</td> <td>22-334</td> <td>CONTRACT No.</td> <td></td> </tr> <tr> <td>DRAWING No.</td> <td colspan="3" style="text-align: center;"><b>S4</b></td> </tr> </table> </div> </div> |               |                                                                                                                                 |          |      | DATE | March 2, 2023 | SCALE | AS NOTED | DRAWN BY | KLD/JED | DESIGNED BY | JED | CHECKED BY | JEE |  |  | PROJECT No. | 22-334 | CONTRACT No. |  | DRAWING No. | <b>S4</b> |  |  |
| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | March 2, 2023 | SCALE                                                                                                                           | AS NOTED |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| DRAWN BY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | KLD/JED       | DESIGNED BY                                                                                                                     | JED      |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| CHECKED BY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | JEE           |                                                                                                                                 |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| PROJECT No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 22-334        | CONTRACT No.                                                                                                                    |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |
| DRAWING No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>S4</b>     |                                                                                                                                 |          |      |      |               |       |          |          |         |             |     |            |     |  |  |             |        |              |  |             |           |  |  |

# LEGEND

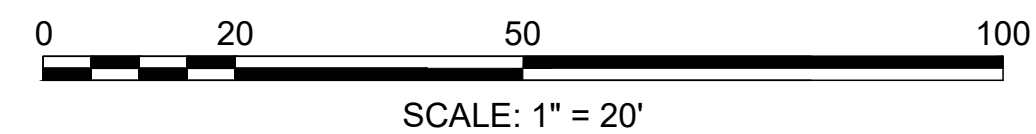
|  |                               |
|--|-------------------------------|
|  | STATE HIGHWAY LINE            |
|  | APPROX. PROPERTY LINE         |
|  | EX. EDGE OF PAVEMENT          |
|  | EX. BITUMINOUS CURB           |
|  | EXISTING GROUND CONTOUR       |
|  | EXISTING SPOT ELEVATION       |
|  | PROPOSED GROUND CONTOUR       |
|  | PROPOSED SPOT ELEVATION       |
|  | PROPOSED CONCRETE WALK        |
|  | EX. UTILITY POLE W/LIGHT      |
|  | EX. GUY WIRE                  |
|  | EX. OVERHEAD WIRE             |
|  | EX. CATCH BASIN               |
|  | EX. STORM DRAIN               |
|  | EX. SANITARY MANHOLE          |
|  | EX. SANITARY SEWER LINE       |
|  | EX. WATER MAIN                |
|  | EX. HYDRANT                   |
|  | EX. WATER GATE                |
|  | EX. GAS MAIN                  |
|  | PROP. BITUMINOUS CURB         |
|  | PROP. PAVEMENT REMOVAL        |
|  | PROP. DRAINAGE REMOVAL        |
|  | PROP. DRIVEWAY RECONSTRUCTION |

## UTILITY REFERENCE MAPS

1. CROMWELL FIRE DISTRICT - WATER DIVISION WATER SYSTEM IMPROVEMENTS PHASE 1 WATER MAINS - CONTRACT NO. 3 RECORD DRAWINGS SHEET 2 TIMBER HILL ROAD STA. 19+25 TO STA. 25+32 AND ALLEN ROAD AND SHEET 4 WEST STREET STA. 20+74 TO STA. 41+89. BOTH SHEETS DATE OCTOBER 1990 REV. SEPT. 1991 SCALE: 1"=40' CAMP DRESSER & MCKEE PLANS SUPPLIED BY CROMWELL FIRE DISTRICT
2. TOWN OF CROMWELL SEWER COMMISSION - SANITARY SEWER CONTRACT NO. 1 WEST STREET BETWEEN ELM ST. & ALLEN ST. SHEET NO. 40 AND WEST STREET BETWEEN ALLEN RD. & TIMBER HILL RD. SHEET NO. 39. BOTH SHEETS "AS BUILT" DATE: SEPT. 1968 SCALE: 1"=40' HORIZ. 1"=4' VERT. CAHN ENGINEERS PLANS SUPPLIED BY CROMWELL SEWER DEPARTMENT



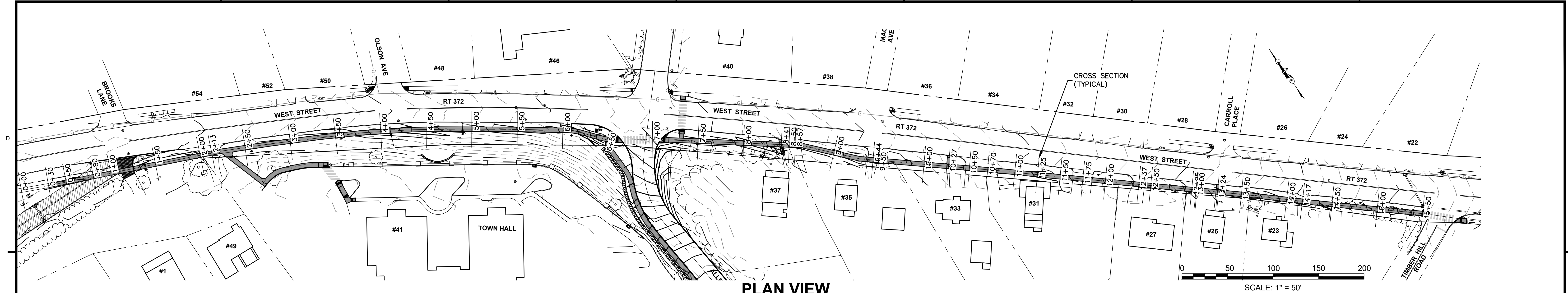
PLAN VIEW  
SCALE 1"=20'



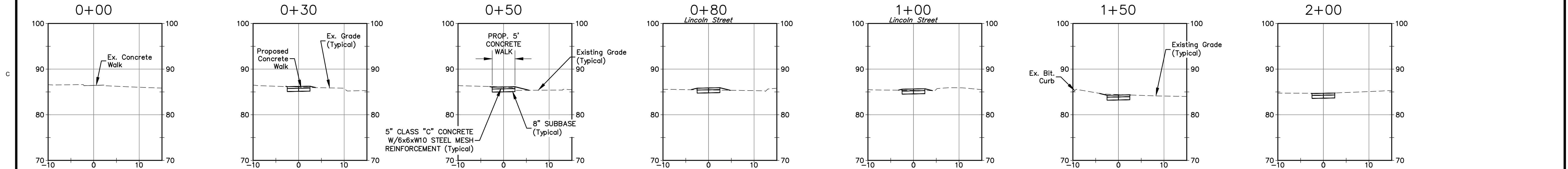
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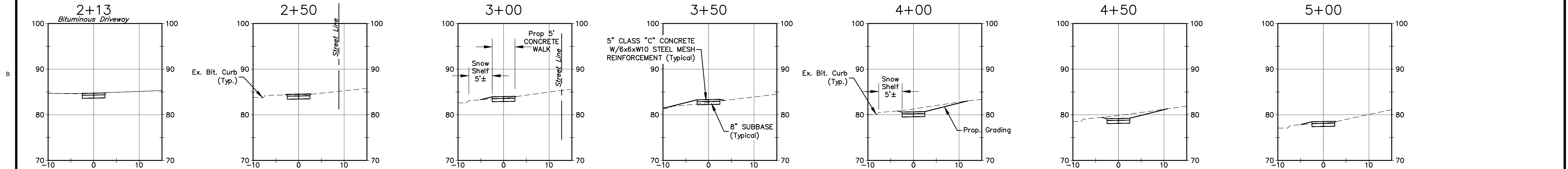
|                                                                                                                                 |               |                          |     |            |
|---------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|-----|------------|
| 1                                                                                                                               | March 7, 2023 | REVISED PER DOT COMMENTS | JED | REE        |
| REV.                                                                                                                            | DATE          | DESCRIPTION              | BY  | CHK.       |
| DRAWING ISSUE STATUS                                                                                                            |               |                          |     |            |
| FOR REVIEW                                                                                                                      |               |                          |     |            |
| <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |               |                          |     |            |
| PROJECT                                                                                                                         |               |                          |     |            |
| TOWN OF CROMWELL<br>CROMWELL, CONNECTICUT                                                                                       |               |                          |     |            |
| TITLE                                                                                                                           |               |                          |     |            |
| LINCOLN STREET REMOVAL                                                                                                          |               |                          |     |            |
| DATE                                                                                                                            |               | March 2, 2023            |     | SCALE      |
| DRAWN BY                                                                                                                        |               | DESIGNED BY              |     | CHECKED BY |
| KLD                                                                                                                             |               | KLD                      |     | JEE        |
| PROJECT No.                                                                                                                     |               | CONTRACT No.             |     |            |
| 22-334                                                                                                                          |               |                          |     |            |
| DRAWING No.                                                                                                                     |               | S5                       |     | 1          |



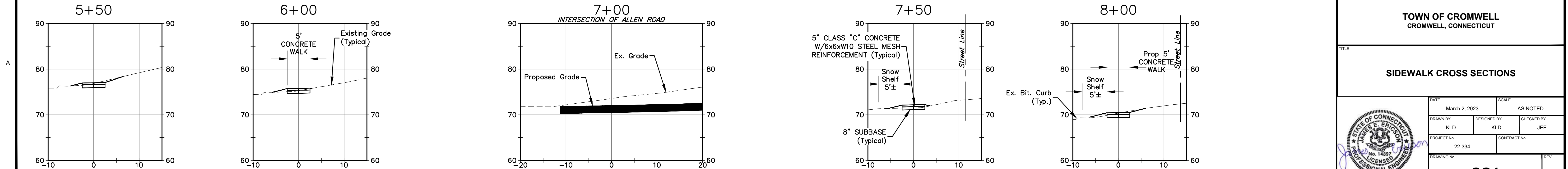
PLAN VIEW  
SCALE: 1"=50'



SIDEWALK CROSS SECTIONS  
SCALE: 1"=10' Horiz.  
1"=10' Vert.

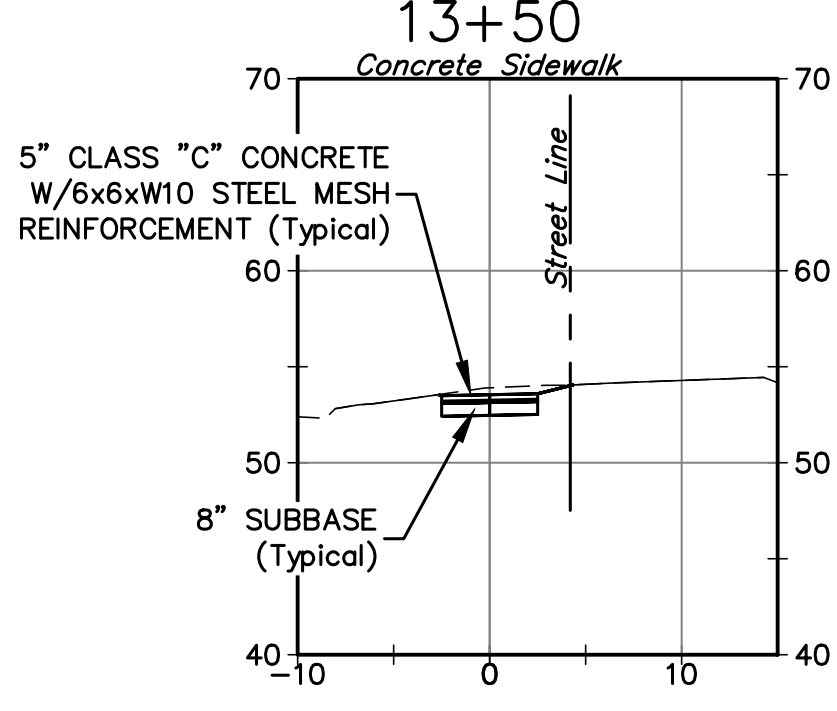
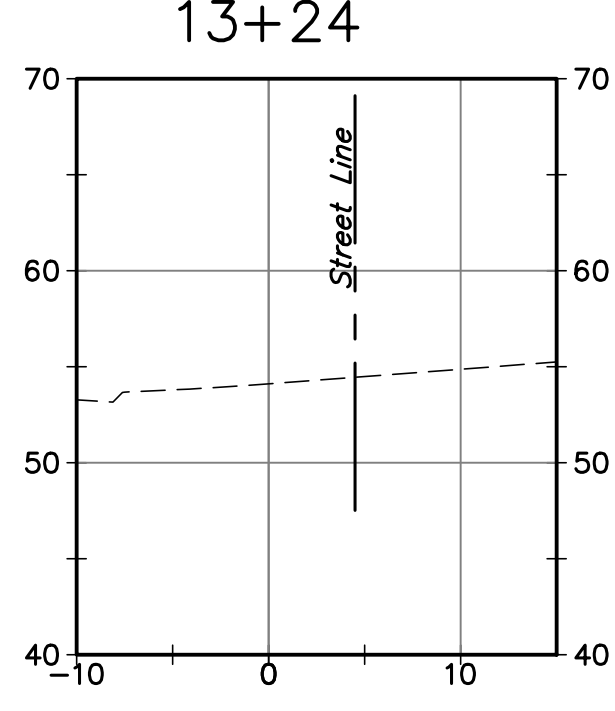
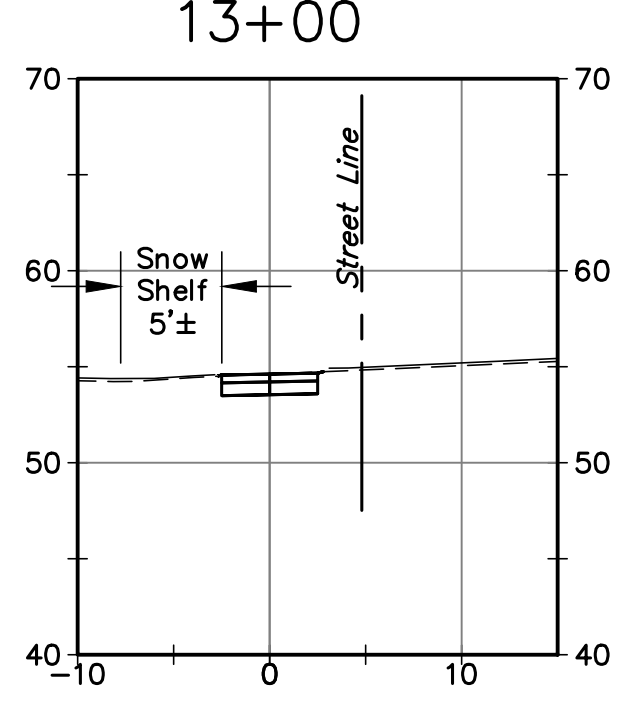
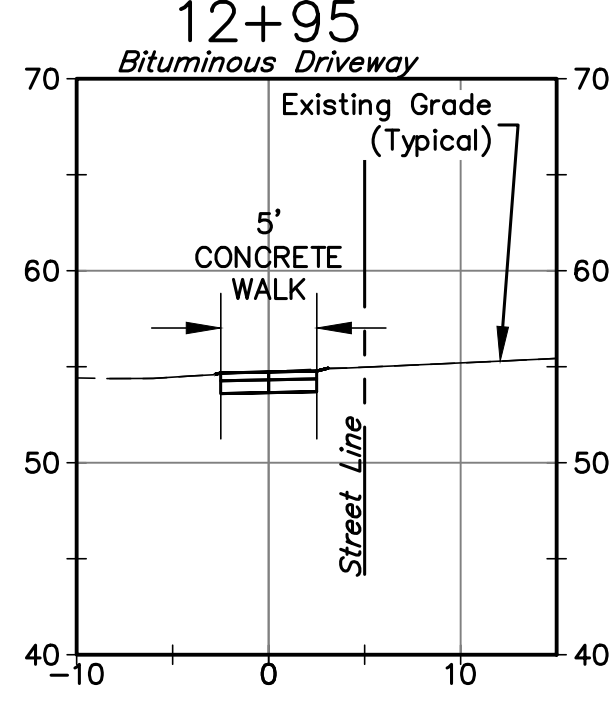
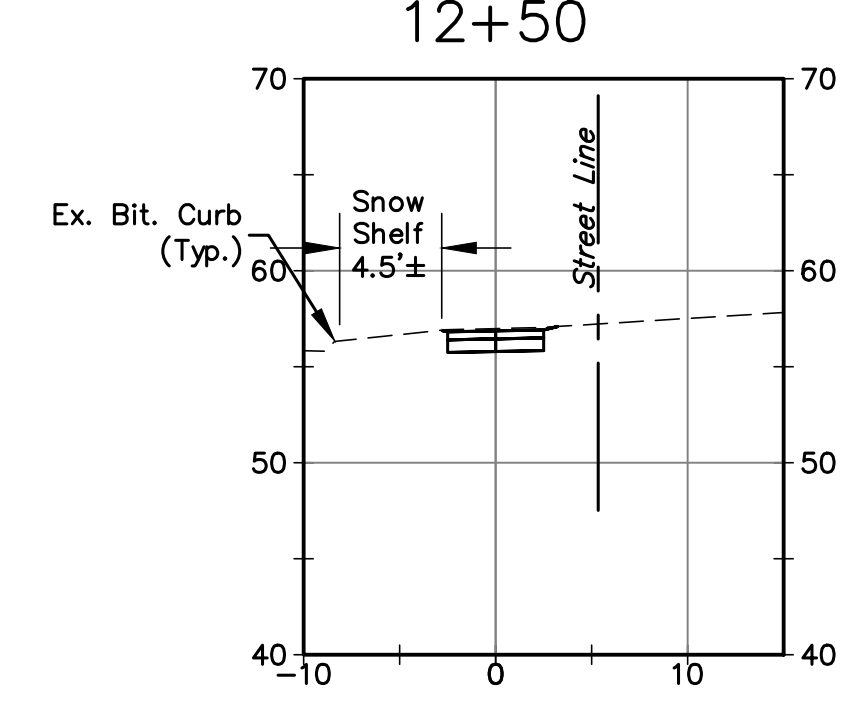
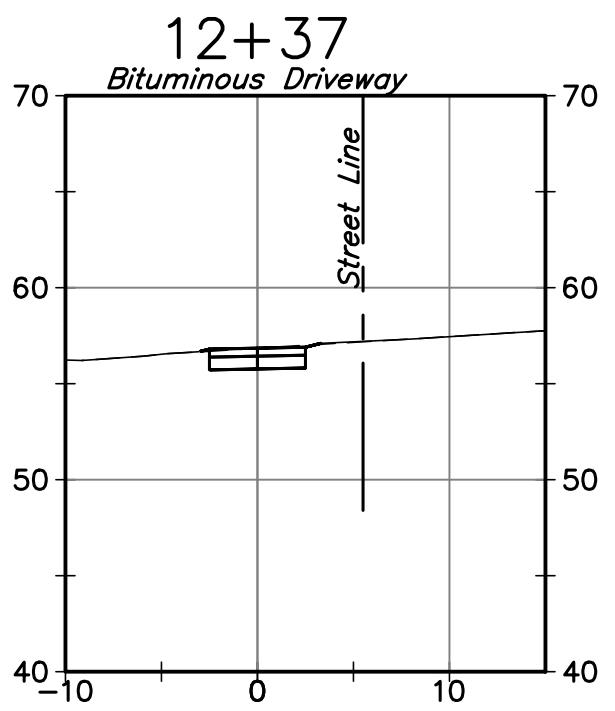
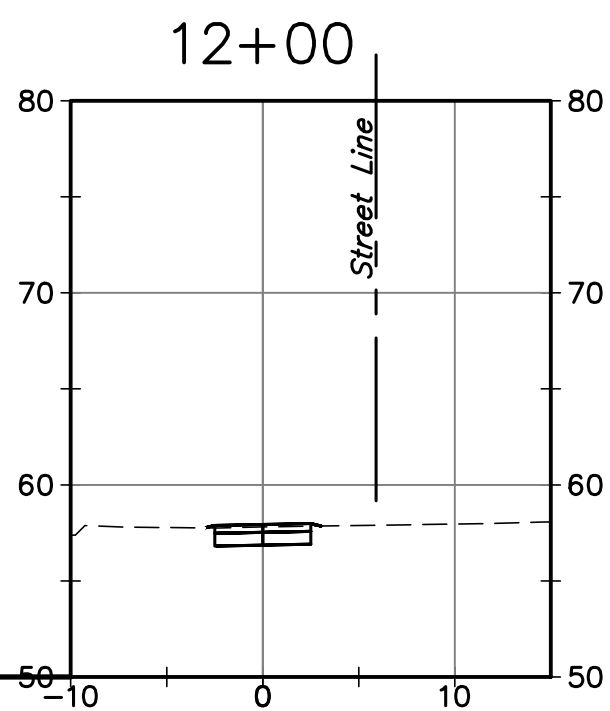
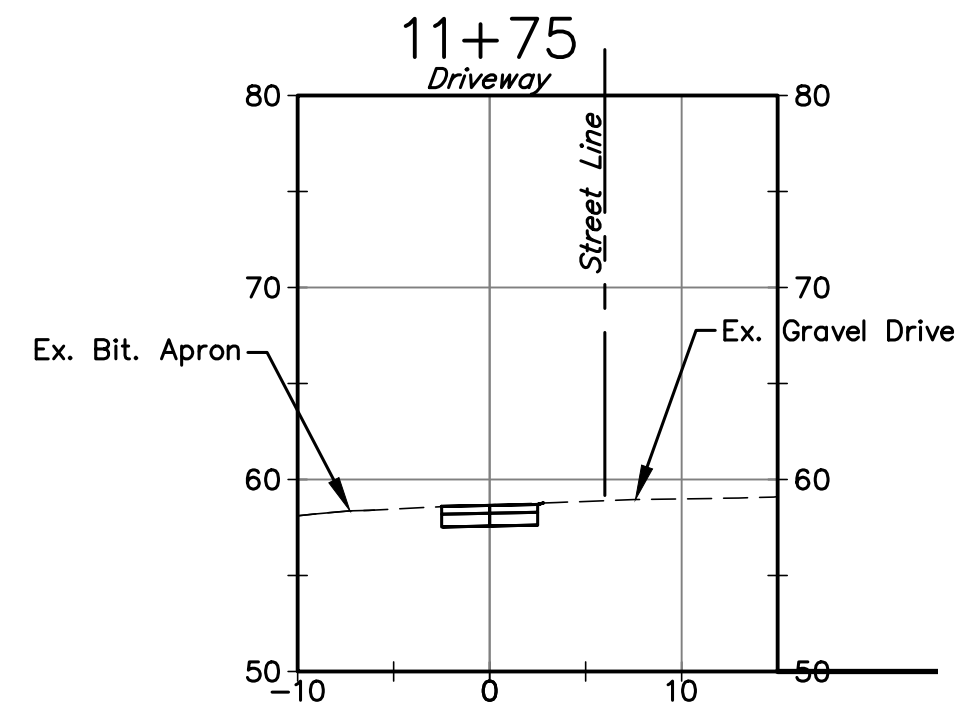
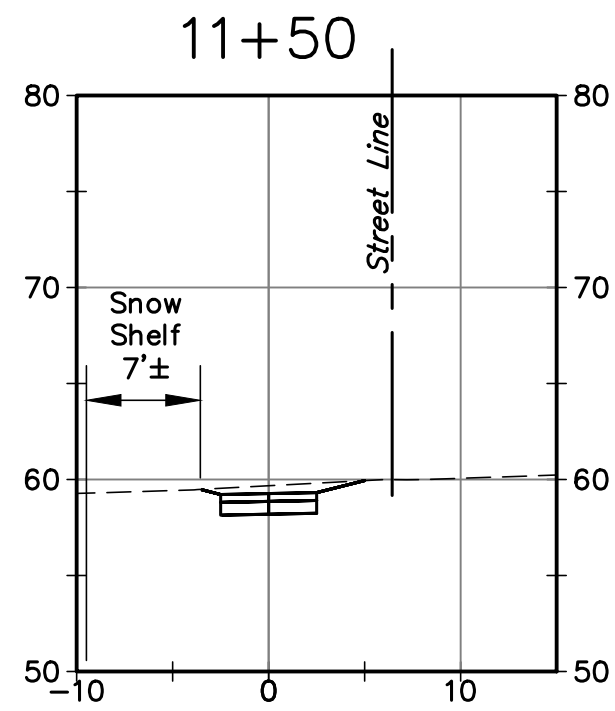
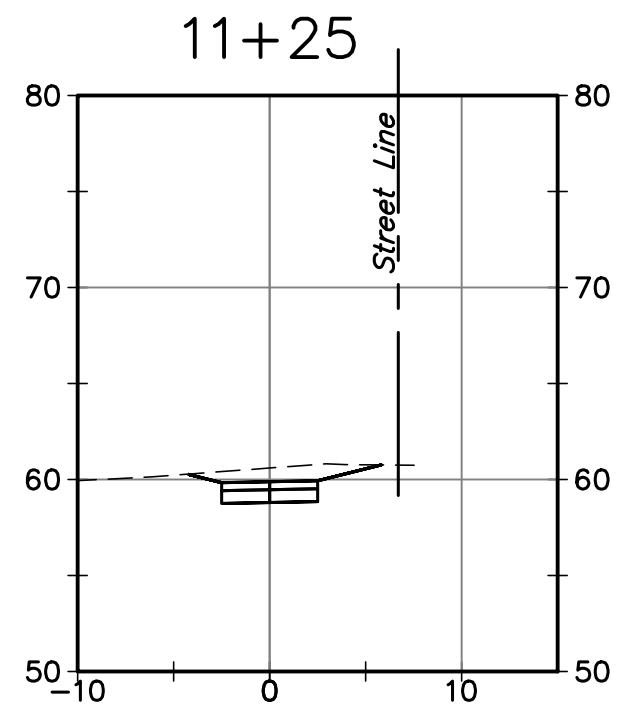
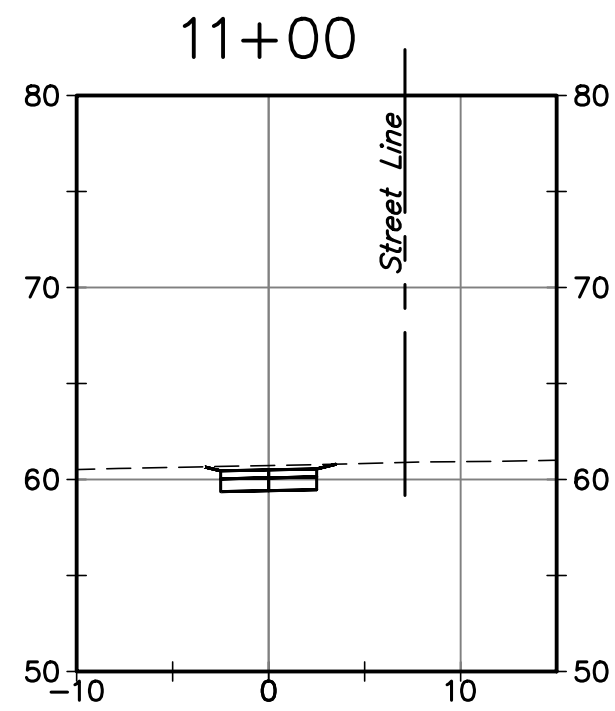
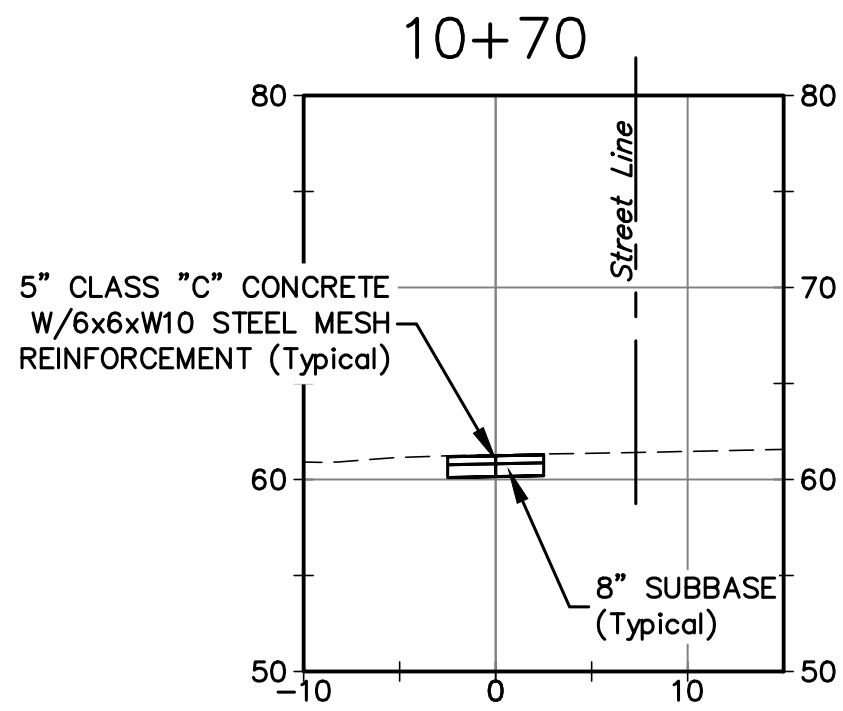
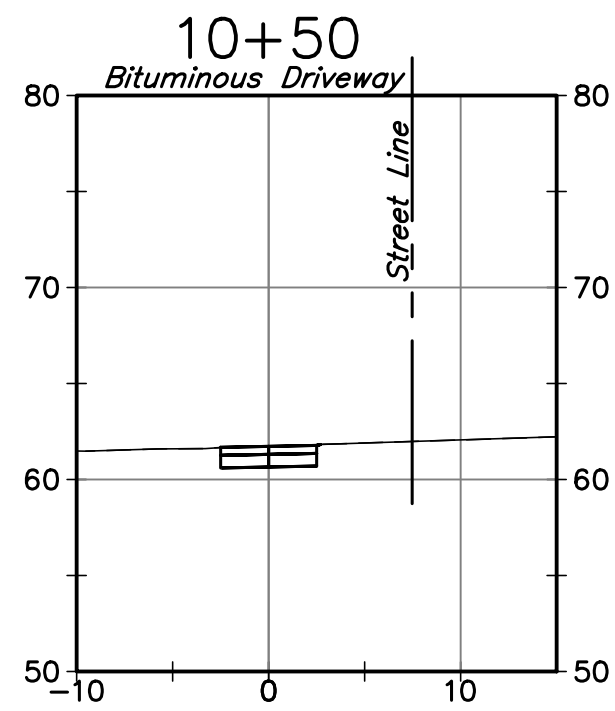
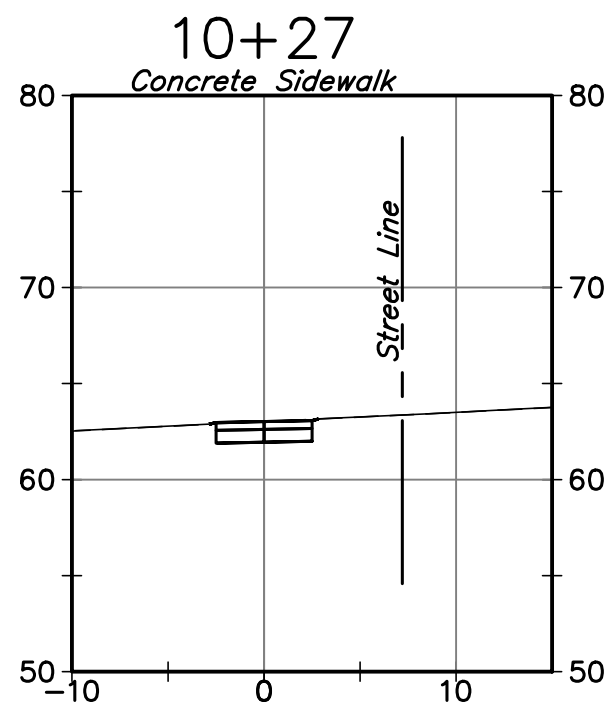
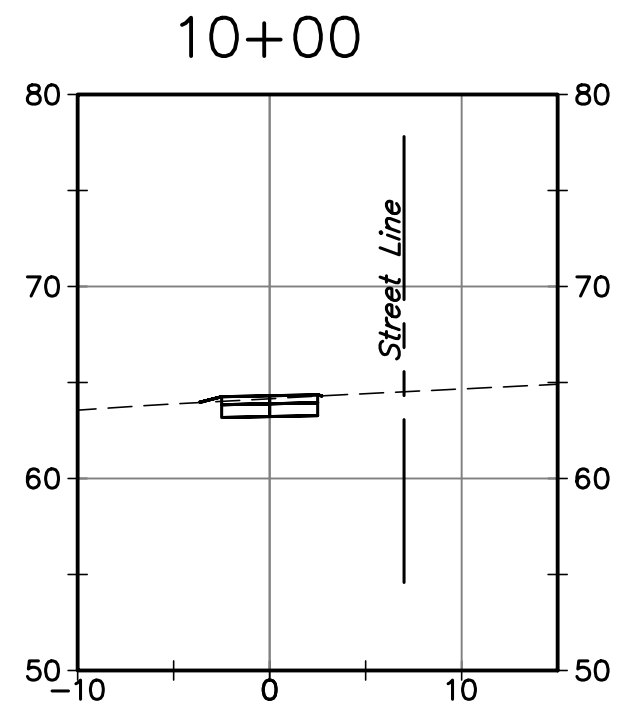
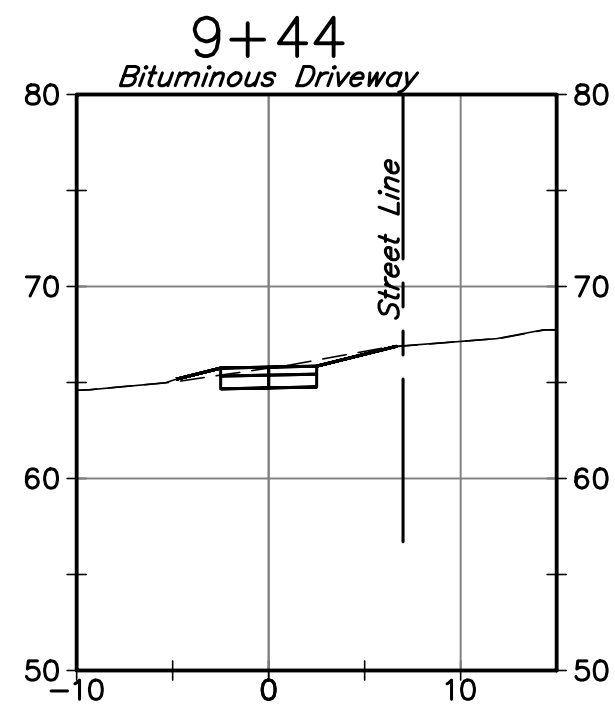
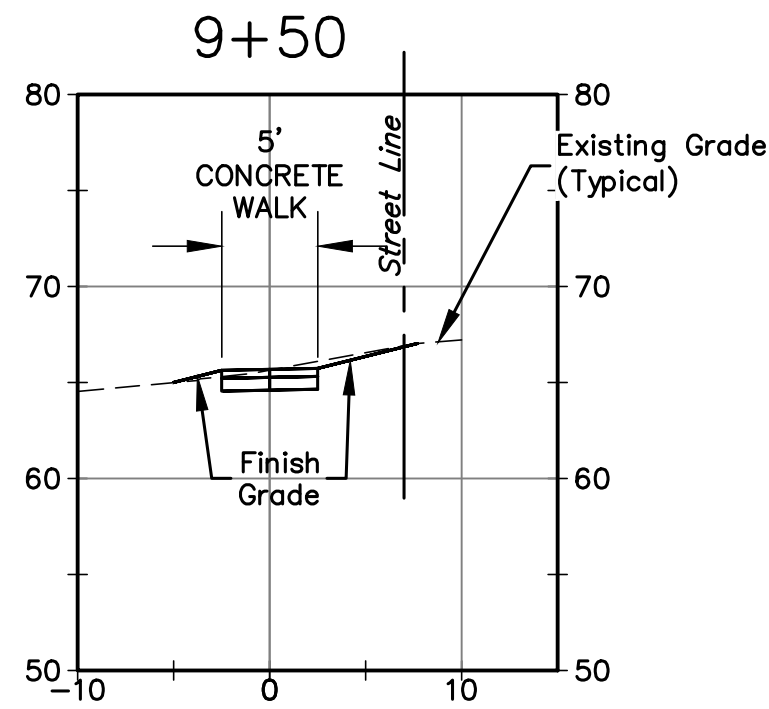
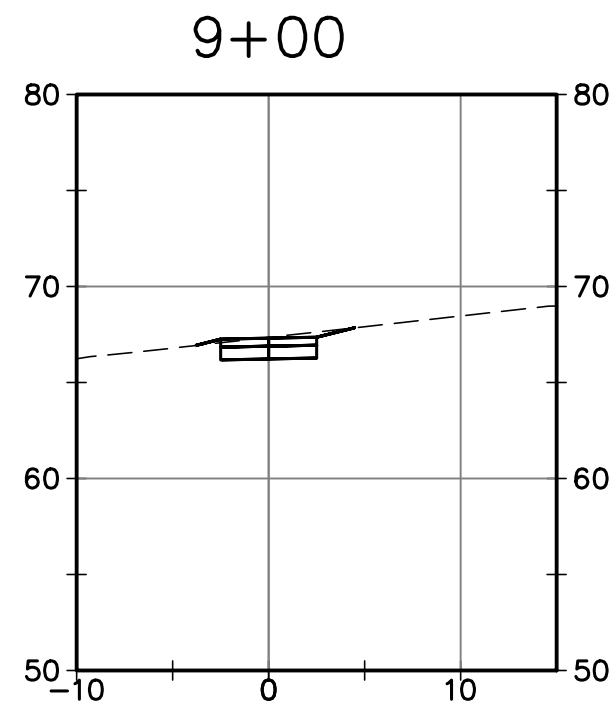
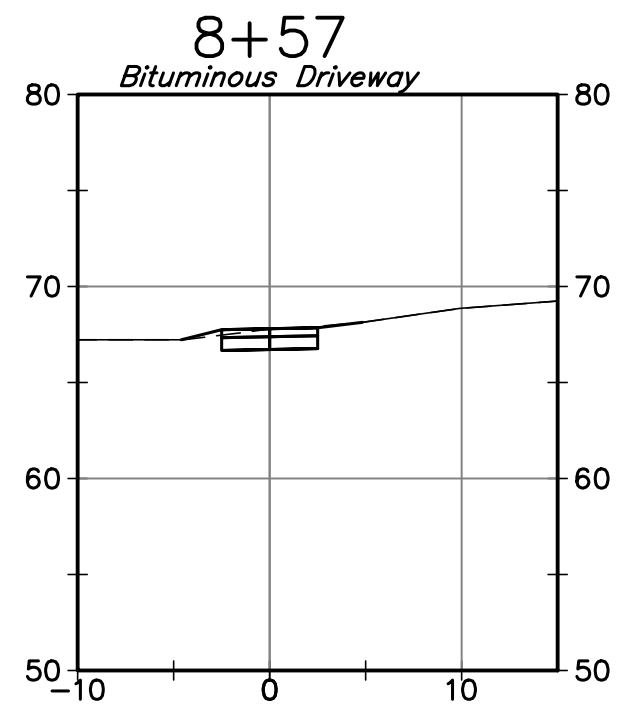
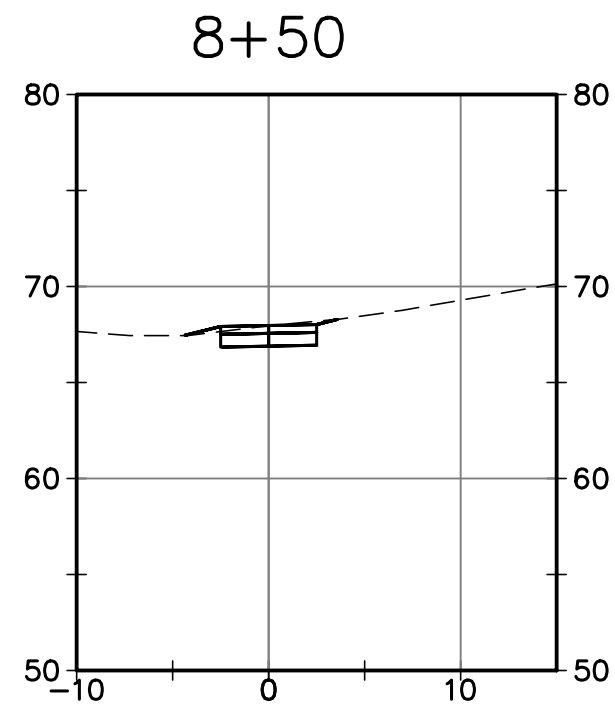
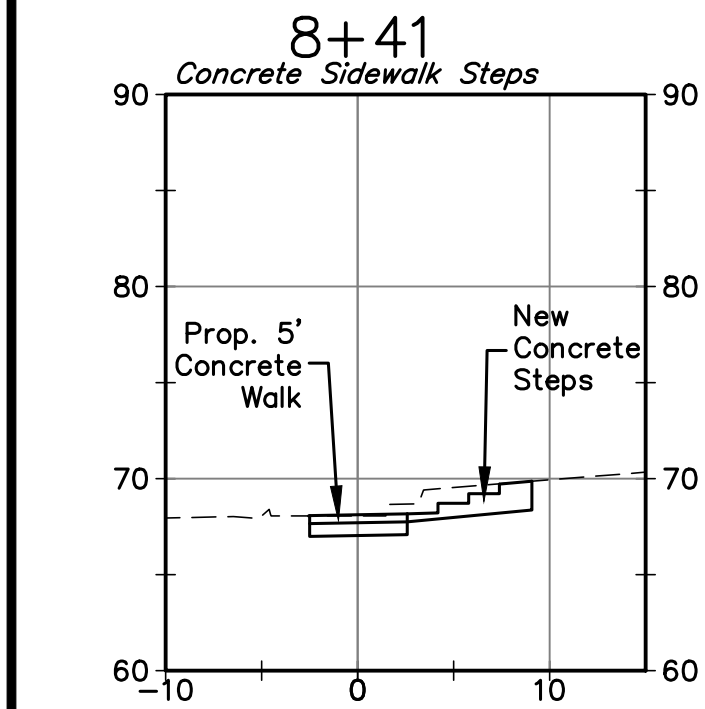


0 10 20 30 40  
SCALE: 1" = 10'



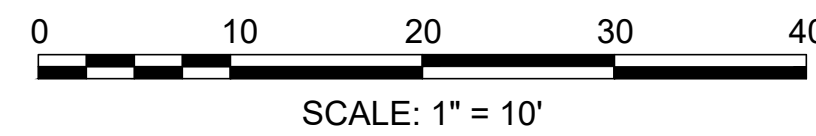
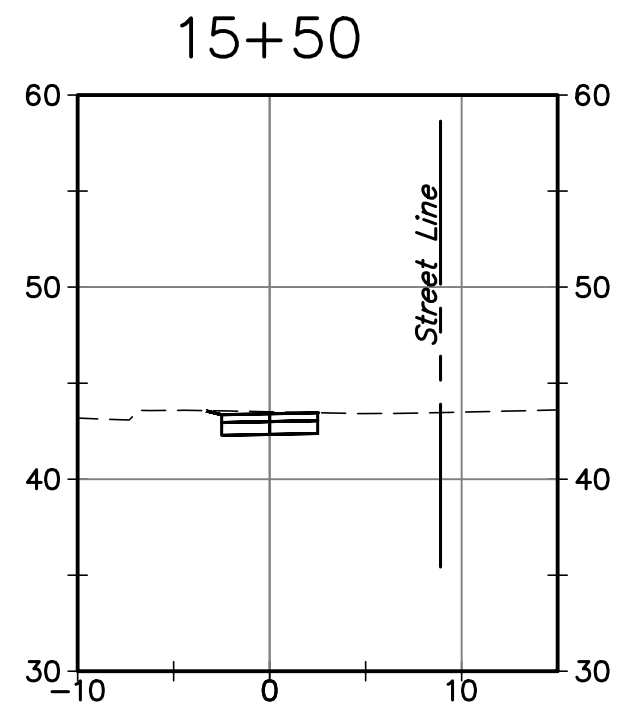
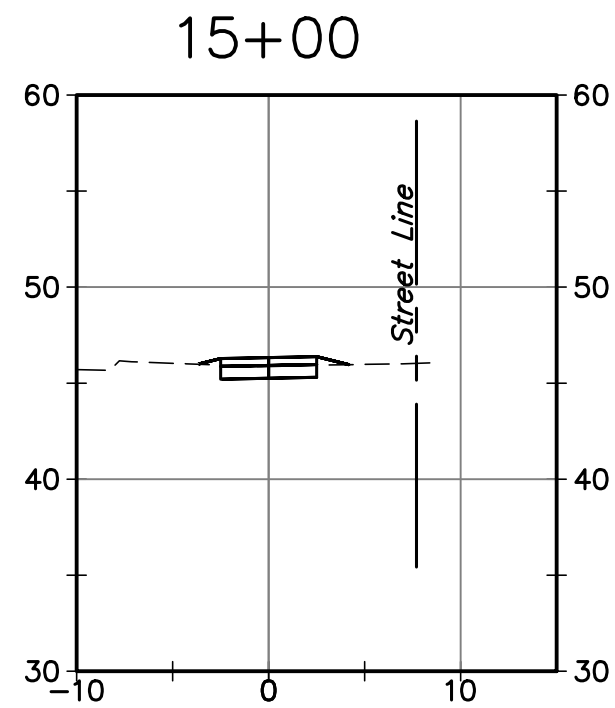
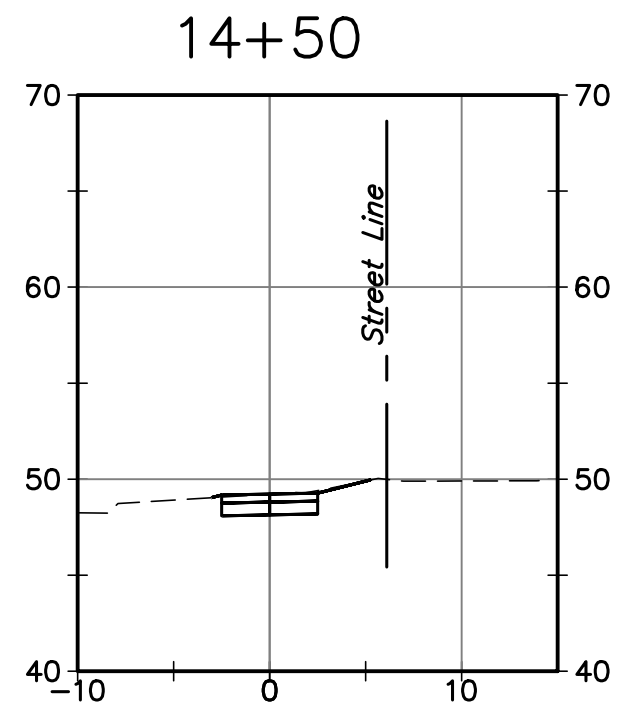
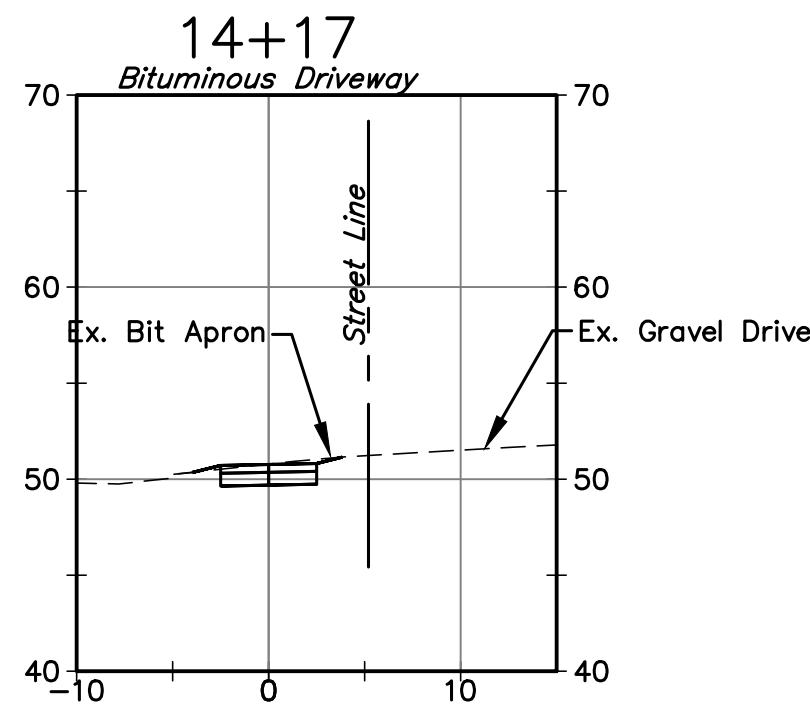
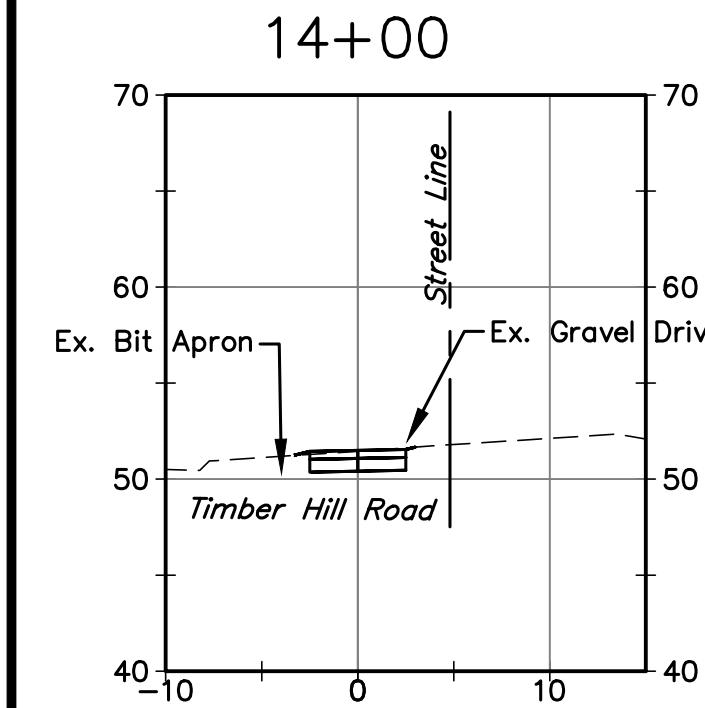
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| DRAWING ISSUE STATUS                                                                                                                                                                                |      |                    |    |                   |
| FOR REVIEW                                                                                                                                                                                          |      |                    |    |                   |
| <br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |      |                    |    |                   |
| PROJECT<br>TOWN OF CROMWELL<br>CROMWELL, CONNECTICUT                                                                                                                                                |      |                    |    |                   |
| TITLE<br>SIDEWALK CROSS SECTIONS                                                                                                                                                                    |      |                    |    |                   |
| DATE<br>March 2, 2023                                                                                                                                                                               |      | SCALE<br>AS NOTED  |    |                   |
| DRAWN BY<br>KLD                                                                                                                                                                                     |      | DESIGNED BY<br>KLD |    | CHECKED BY<br>JEE |
| PROJECT No.<br>22-334                                                                                                                                                                               |      | CONTRACT No.       |    |                   |
| DRAWING No.                                                                                                                                                                                         |      | REV.               |    |                   |
| CS1                                                                                                                                                                                                 |      |                    |    |                   |

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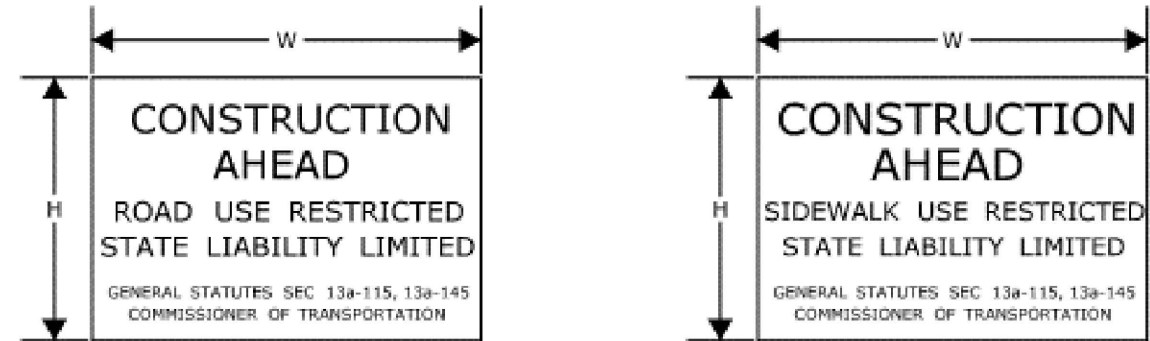
## SIDEWALK CROSS SECTIONS

SCALE: 1"=10' Horiz.  
1"=10' Vert.



| REV.                                                                                                                                                                                                                  | DATE | DESCRIPTION        | BY | CHK. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|----|------|
| DRAWING ISSUE STATUS                                                                                                                                                                                                  |      |                    |    |      |
| FOR REVIEW                                                                                                                                                                                                            |      |                    |    |      |
|  <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |      |                    |    |      |
| PROJECT<br><b>TOWN OF CROMWELL</b><br>CROMWELL, CONNECTICUT                                                                                                                                                           |      |                    |    |      |
| TITLE<br><b>SIDEWALK CROSS SECTIONS</b>                                                                                                                                                                               |      |                    |    |      |
| DATE<br>March 2, 2023                                                                                                                                                                                                 |      | SCALE<br>AS NOTED  |    |      |
| DRAWN BY<br>KLD                                                                                                                                                                                                       |      | DESIGNED BY<br>KLD |    |      |
| PROJECT No.<br>22-334                                                                                                                                                                                                 |      | CHECKED BY<br>JEE  |    |      |
| DRAWING No.                                                                                                                                                                                                           |      | CONTRACT No.       |    |      |
|                                                                                                                                  |      | <b>CS2</b>         |    |      |

SERIES 16 SIGNS



|      |         | W         | H |
|------|---------|-----------|---|
| 16-E | 80-1605 | 84" x 60" |   |
| 16-H | 80-1608 | 60" x 42" |   |
| 16-M | 80-1613 | 30" x 24" |   |

SIGN 16-S SHALL BE USED ON ALL PROJECTS THAT REQUIRE SIDEWALK RECONSTRUCTION OR RESTRICT PEDESTRIAN TRAVEL ON AN EXISTING SIDEWALK.

SERIES 16 SIGNS SHALL BE INSTALLED IN ADVANCE OF THE TRAFFIC CONTROL PATTERNS. SERIES 16 SIGNS SHOULD BE LOCATED TO ALLOW MOTORISTS THE OPPORTUNITY TO AVOID A WORK ZONE. SERIES 16 SIGNS SHOULD BE INSTALLED ON MAJOR INTERSECTING ROADWAYS THAT APPROACH THE WORK ZONE. ON LIMITED-ACCESS HIGHWAYS, THESE SIGNS SHOULD BE LOCATED IN ADVANCE OF THE NEAREST UPSTREAM EXIT RAMP AND ON ANY ENTRANCE RAMP PRIOR TO OR WITHIN THE WORK ZONE LIMITS.

SIGNS 16-E AND 16-H SHALL BE POST-MOUNTED.

SIGN 16-E SHALL BE USED ON ALL FREEWAYS AND EXPRESSWAYS.

SIGN 16-H SHALL BE USED ON ALL RAMPS, OTHER STATE ROADWAYS AND MAJOR TOWN/CITY ROADWAYS.

SIGN 16-M SHALL BE USED ON OTHER TOWN ROADWAYS.

CONSTRUCTION TRAFFIC CONTROL PLAN  
SERIES 16 SIGNS

SCALE: NONE

CONNECTICUT DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED: *Tracy L. Fogarty, P.E.*  
PRINCIPAL ENGINEER

NOTES FOR TRAFFIC CONTROL PLANS

- IF A TRAFFIC STOPPAGE OCCURS IN ADVANCE OF SIGN (A), THEN AN ADDITIONAL SIGN (A) SHALL BE INSTALLED IN ADVANCE OF THE STOPPAGE.
- SIGNS (AA), (A), AND (D) SHOULD BE OMITTED WHEN THESE SIGNS HAVE ALREADY BEEN INSTALLED IN ADVANCE TO DESIGNATE A LARGER WORK ZONE THAN THE WORK ZONE THAT IS ENCOMPASSED ON THIS PLAN.
- SEE TABLE 1 FOR ADJUSTMENT OF TAPERS IF NECESSARY.
- TRAFFIC CONES AND PORTABLE CONSTRUCTION SIGNS SHALL NOT BE LEFT UNATTENDED.
- ALL CONFLICTING SIGNS WITHIN THE LIMITS OF A ROADWAY / LANE CLOSURE AREA SHALL BE COVERED WITH AN OPAQUE MATERIAL WHILE THE CLOSURE IS IN EFFECT, AND UNCOVERED WHEN THE ROADWAY / LANE CLOSURE IS RE-OPENED TO ALL LANES OF TRAFFIC.
- IF THIS PLAN REMAINS IN CONTINUOUS OPERATION FOR MORE THAN 48 HOURS, THEN ANY EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE ERADICATED OR COVERED, AND TEMPORARY PAVEMENT MARKINGS THAT DELINEATE THE PROPER TRAVELPATHS SHALL BE INSTALLED.
- DISTANCES BETWEEN SIGNS IN THE ADVANCE WARNING AREA MAY BE REDUCED TO 100' ON LOW-SPEED URBAN ROADS (SPEED LIMIT  $\leq$  40 MPH).
- IF THIS PLAN IS TO REMAIN IN OPERATION FROM SUNSET TO SUNRISE, INSTALL BARRICADE WARNING LIGHTS - HIGH INTENSITY ON ALL POST-MOUNTED DIAMOND SIGNS IN THE ADVANCE WARNING AREA.
- A PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE INSTALLED ONE HALF MILE TO ONE MILE IN ADVANCE OF THE LANE CLOSURE TAPER.
- SIGN (P) SHALL BE MOUNTED A MINIMUM OF 7 FEET FROM THE PAVEMENT SURFACE TO THE BOTTOM OF THE SIGN.

| TABLE 1 - MINIMUM TAPER LENGTHS        |                                                   |
|----------------------------------------|---------------------------------------------------|
| POSTED SPEED LIMIT<br>(MILES PER HOUR) | MINIMUM TAPER LENGTH FOR<br>A SINGLE LANE CLOSURE |
| 30 OR LESS                             | 180'                                              |
| 35                                     | 245'                                              |
| 40                                     | 320'                                              |
| 45                                     | 540'                                              |
| 50                                     | 600'                                              |
| 55                                     | 660'                                              |
| 65                                     | 780'                                              |

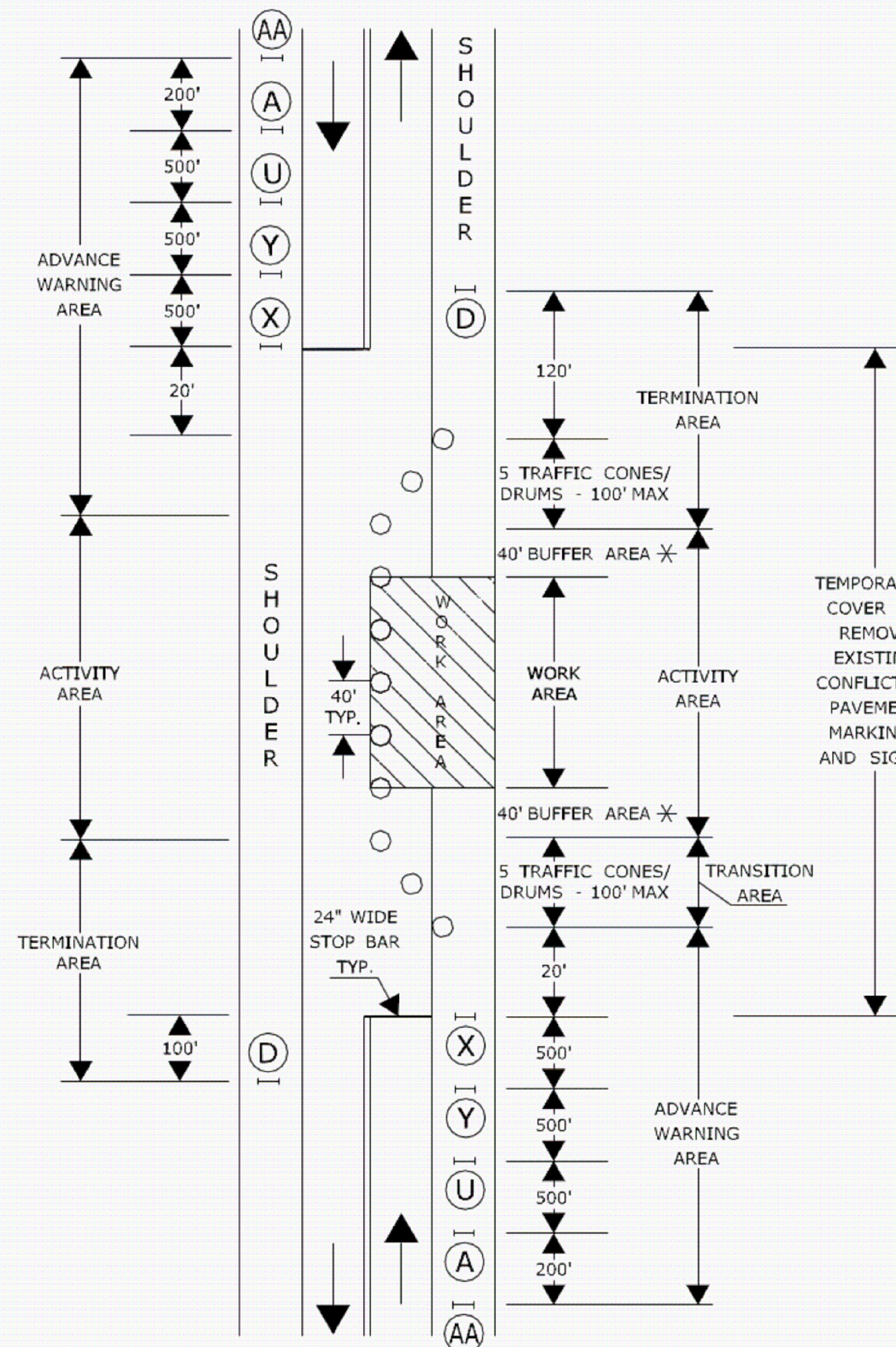
CONSTRUCTION TRAFFIC CONTROL PLAN  
NOTES

SCALE: NONE

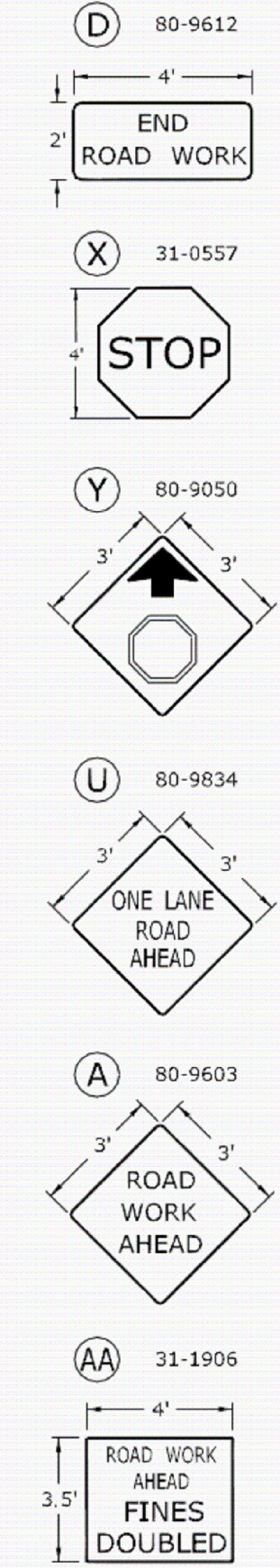
CONNECTICUT DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED: *Tracy L. Fogarty, P.E.*  
PRINCIPAL ENGINEER

WORK IN TRAVEL LANE AND SHOULDER  
TWO LANE HIGHWAY  
ALTERNATING ONE-WAY TRAFFIC OPERATIONS  
STOP SIGN CONTROL



SIGN FACE  
125 SQ. FT. (MIN.)



○ TRAFFIC CONE OR TRAFFIC DRUM  
✱ OPTIONAL ✕ TRAFFIC DRUM — PORTABLE SIGN SUPPORT  
◻ HIGH MOUNTED INTERNALLY ILLUMINATED FLASHING ARROW



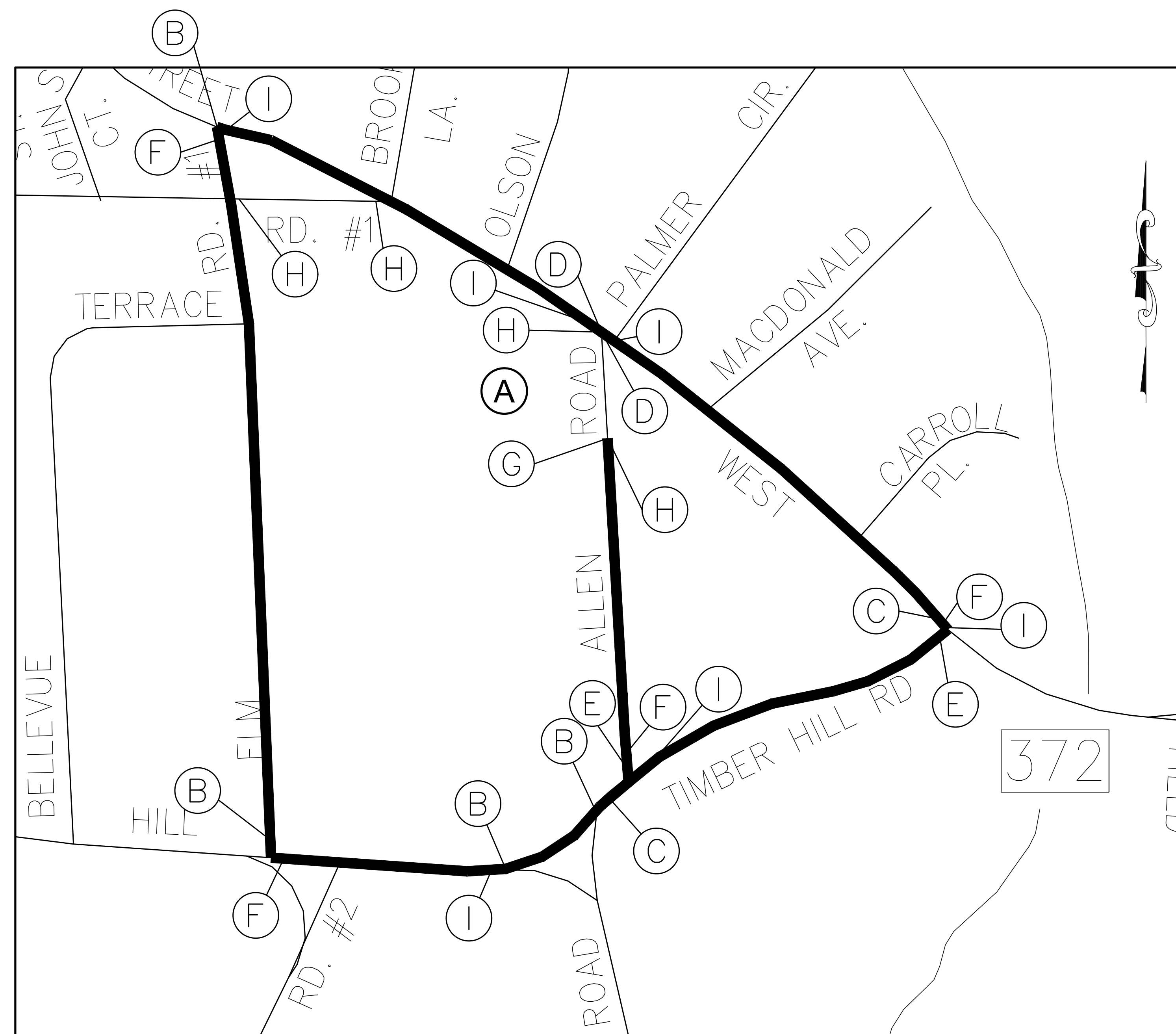
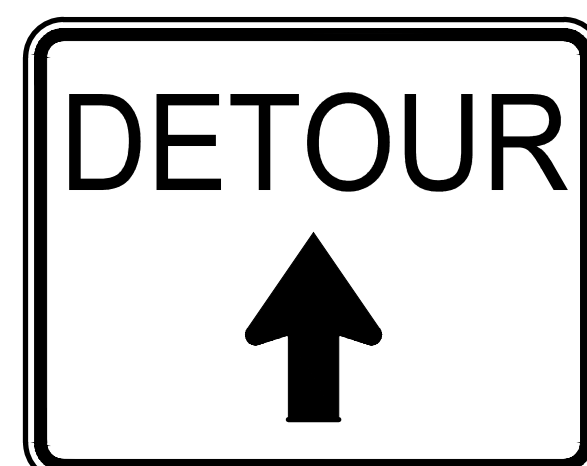
CONSTRUCTION TRAFFIC CONTROL PLAN  
PLAN 18  
SEE NOTES 1, 2, 4, 7, 8

CONNECTICUT DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED: *Charles S. Harlow*  
PRINCIPAL ENGINEER

| REV.                                                                                                                                                                                                                  | DATE | DESCRIPTION        | BY | CHK.              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|----|-------------------|
| DRAWING ISSUE STATUS                                                                                                                                                                                                  |      |                    |    |                   |
| FOR REVIEW                                                                                                                                                                                                            |      |                    |    |                   |
|  <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |      |                    |    |                   |
| PROJECT<br>TOWN OF CROMWELL<br>CROMWELL, CONNECTICUT                                                                                                                                                                  |      |                    |    |                   |
| TITLE<br>TRAFFIC CONTROL PLAN                                                                                                                                                                                         |      |                    |    |                   |
| DATE<br>March 2, 2023                                                                                                                                                                                                 |      | SCALE<br>AS NOTED  |    |                   |
| DRAWN BY<br>JED                                                                                                                                                                                                       |      | DESIGNED BY<br>JED |    | CHECKED BY<br>JEE |
| PROJECT No.<br>22-334                                                                                                                                                                                                 |      | CONTRACT No.       |    |                   |
| DRAWING No.<br>TR1                                                                                                                                                                                                    |      | REV.               |    |                   |

① TOWN HALL/ LIBRARY  
LOCATION



DETOUR NOTES:

ALL SIGN LOCATIONS INDICATED ON THE  
PLAN ARE APPROXIMATE, EXACT LOCATIONS  
SHALL BE DETERMINED IN THE FIELD AS  
DIRECTED BY THE ENGINEER.

DETOUR SIGNS SHALL BE COVERED WHEN  
THE DETOUR IS NOT IN OPERATION.

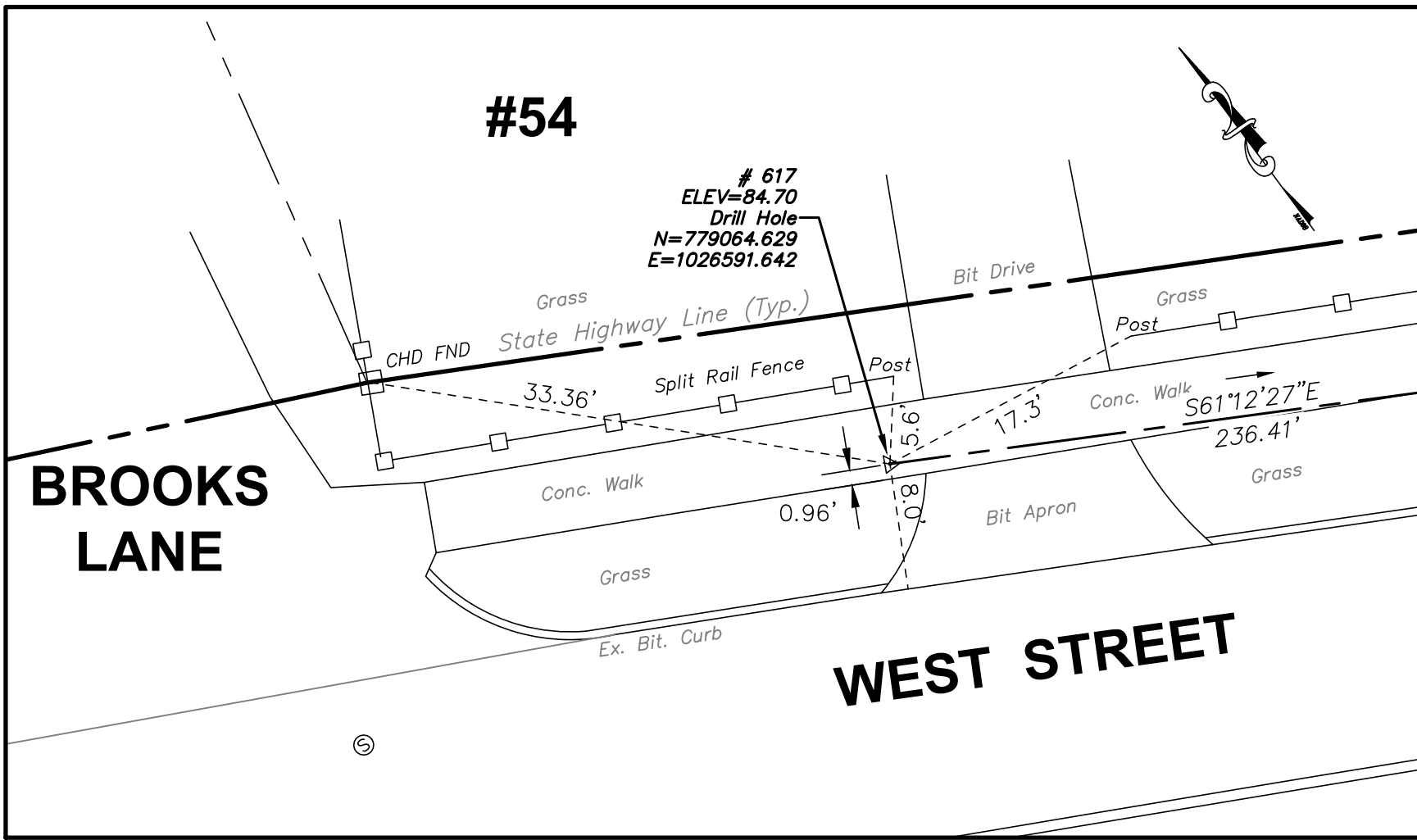
DETOUR SIGNS SHALL BE REMOVED WHEN  
THE DETOUR IS NO LONGER REQUIRED.

EXISTING SIGNS WHICH CONFLICT WITH THE DETOUR SIGNS SHALL BE COVERED, REMOVED, OR REVISED AS DIRECTED BY THE ENGINEER.

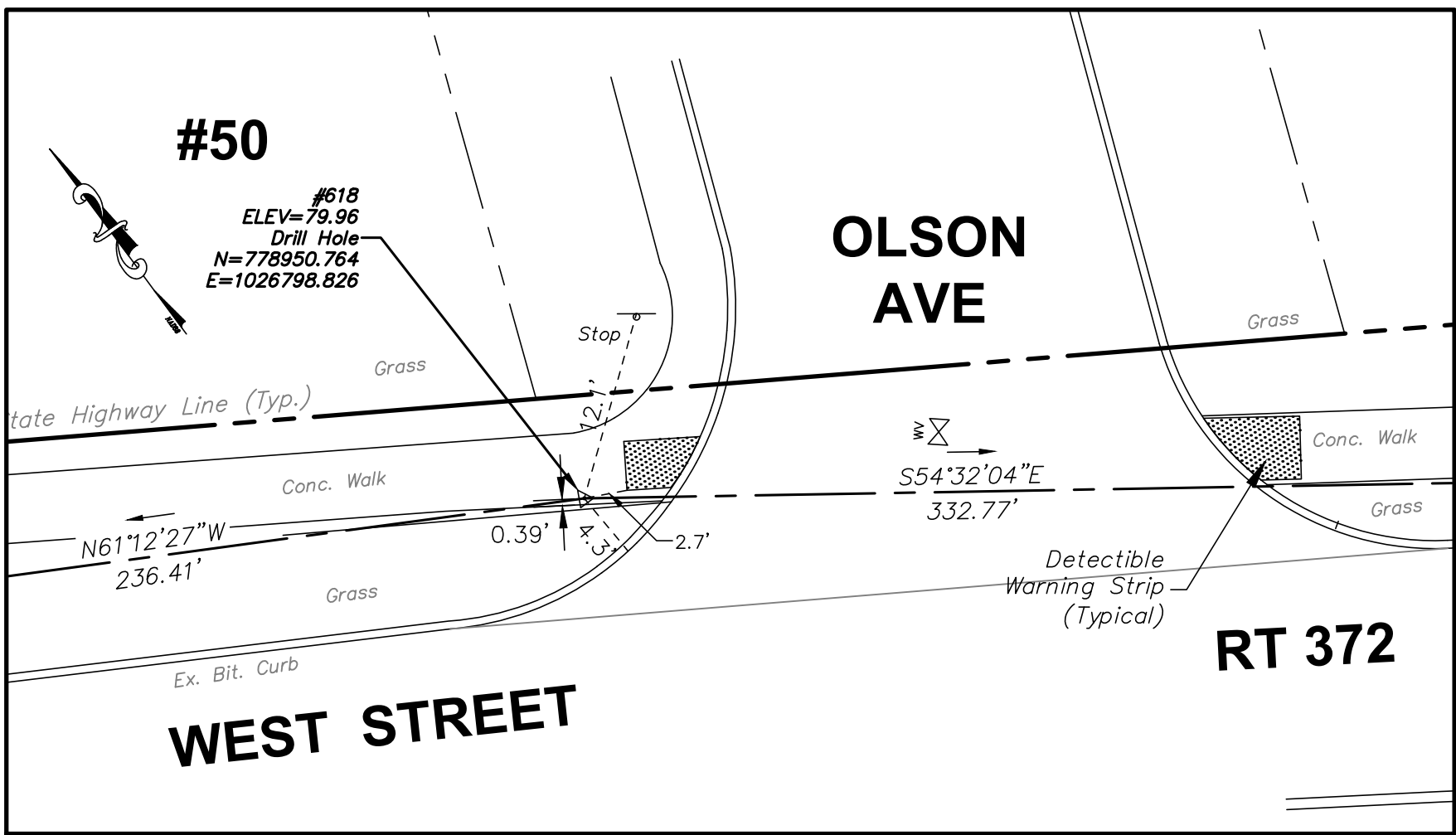
INSTALL POST-MOUNTED SIGNS  
IN ACCORDANCE WITH CT DOT STANDARDS

ACCESS AND EGRESS TO ALL STREETS  
AND DRIVES MUST BE MAINTAINED AT ALL  
TIMES.

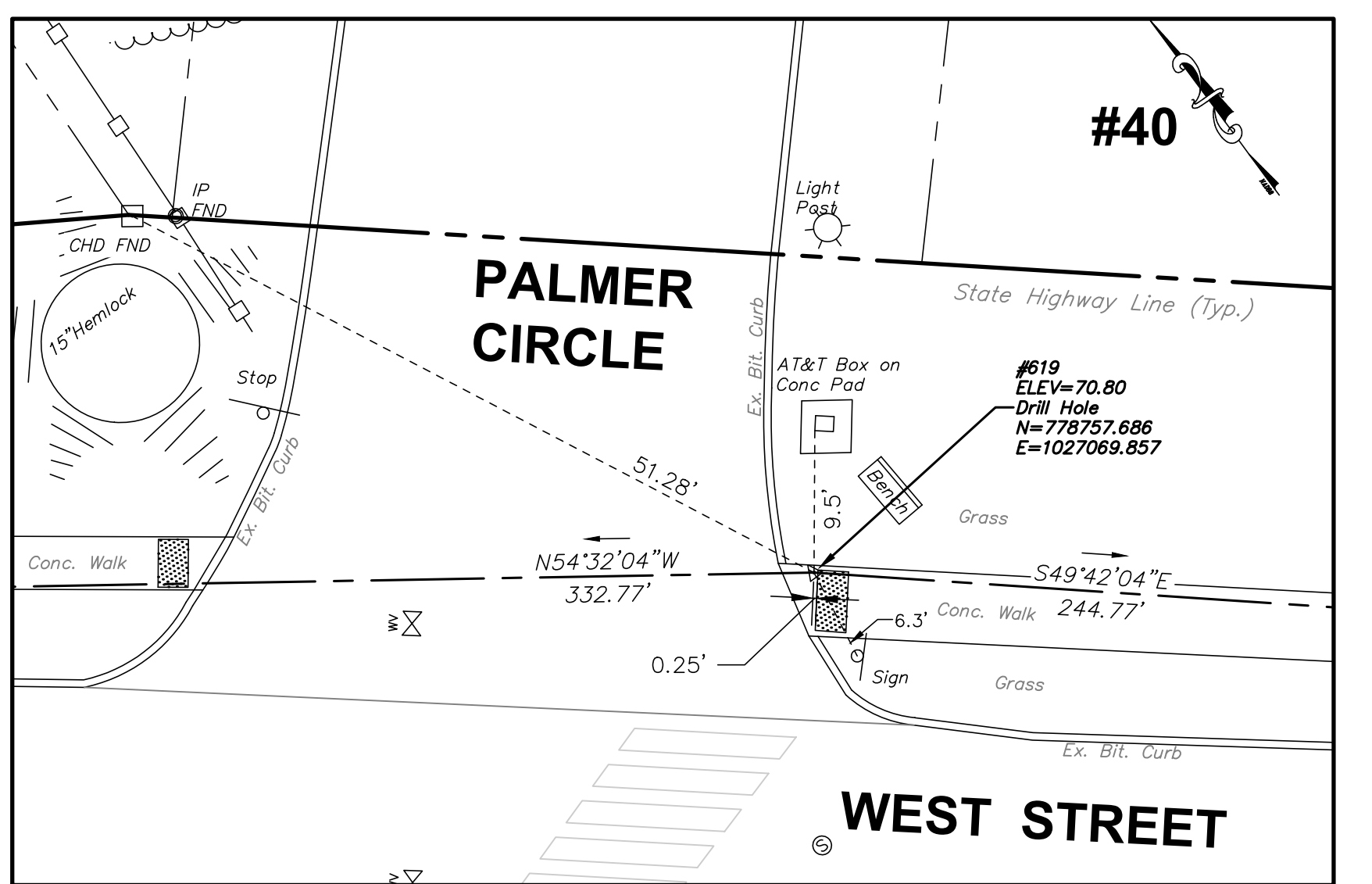
|                                                                                       |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
|---------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|------|---------------|--|-------|----------|----------|-----|-------------|-----|------------|-----|-------------|--|--|--------|--|--------------|--|--|--|--|-------------|--|--|------|--|
| REV.                                                                                  | DATE          | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                      | BY     | C          |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| DRAWING ISSUE STATUS                                                                  |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| FOR REVIEW                                                                            |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
|  |               | <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St<br>Glastonbury, Connecticut 06033<br>860.659.3100                                                                                                                                                                                                                                                                                   |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| WWW.HALEYWARD.COM                                                                     |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| PROJECT                                                                               |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| <b>TOWN OF CROMWELL</b><br>CROMWELL, CONNECTICUT                                      |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| TITLE                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| <b>DETOUR PLAN</b>                                                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
|  |               | <table><tr><td>DATE</td><td colspan="2">March 2, 2023</td><td>SCALE</td><td>AS NOTED</td></tr><tr><td>DRAWN BY</td><td>JED</td><td>DESIGNED BY</td><td>JED</td><td>CHECKED BY</td><td>JEE</td></tr><tr><td colspan="3">PROJECT No.</td><td colspan="2">22-334</td></tr><tr><td colspan="3">CONTRACT No.</td><td colspan="2"></td></tr><tr><td colspan="3">DRAWING No.</td><td colspan="2">REV.</td></tr></table> |        |            | DATE | March 2, 2023 |  | SCALE | AS NOTED | DRAWN BY | JED | DESIGNED BY | JED | CHECKED BY | JEE | PROJECT No. |  |  | 22-334 |  | CONTRACT No. |  |  |  |  | DRAWING No. |  |  | REV. |  |
| DATE                                                                                  | March 2, 2023 |                                                                                                                                                                                                                                                                                                                                                                                                                  | SCALE  | AS NOTED   |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| DRAWN BY                                                                              | JED           | DESIGNED BY                                                                                                                                                                                                                                                                                                                                                                                                      | JED    | CHECKED BY | JEE  |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| PROJECT No.                                                                           |               |                                                                                                                                                                                                                                                                                                                                                                                                                  | 22-334 |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| CONTRACT No.                                                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                  |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
| DRAWING No.                                                                           |               |                                                                                                                                                                                                                                                                                                                                                                                                                  | REV.   |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |
|                                                                                       |               | <b>DT1</b>                                                                                                                                                                                                                                                                                                                                                                                                       |        |            |      |               |  |       |          |          |     |             |     |            |     |             |  |  |        |  |              |  |  |  |  |             |  |  |      |  |



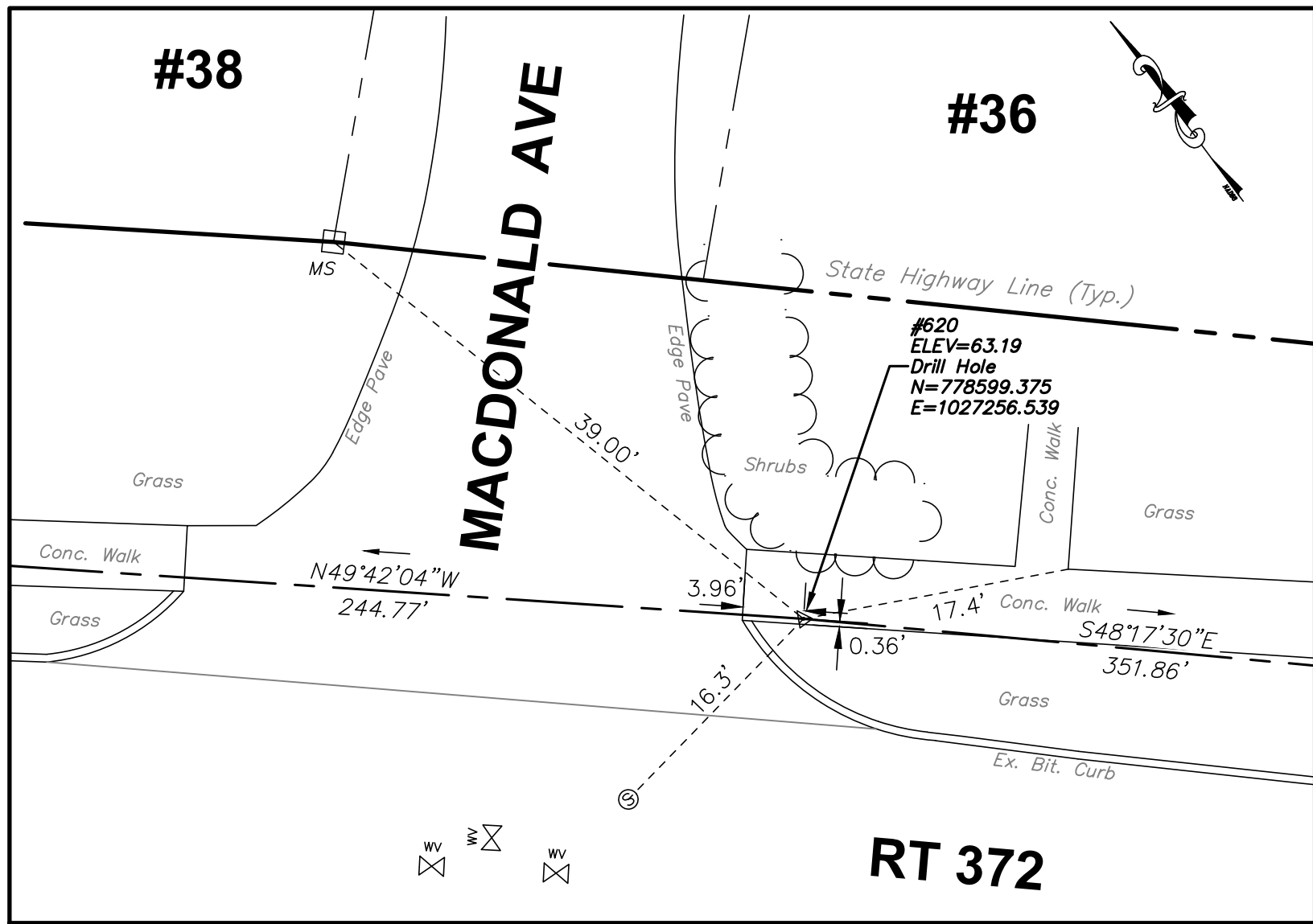
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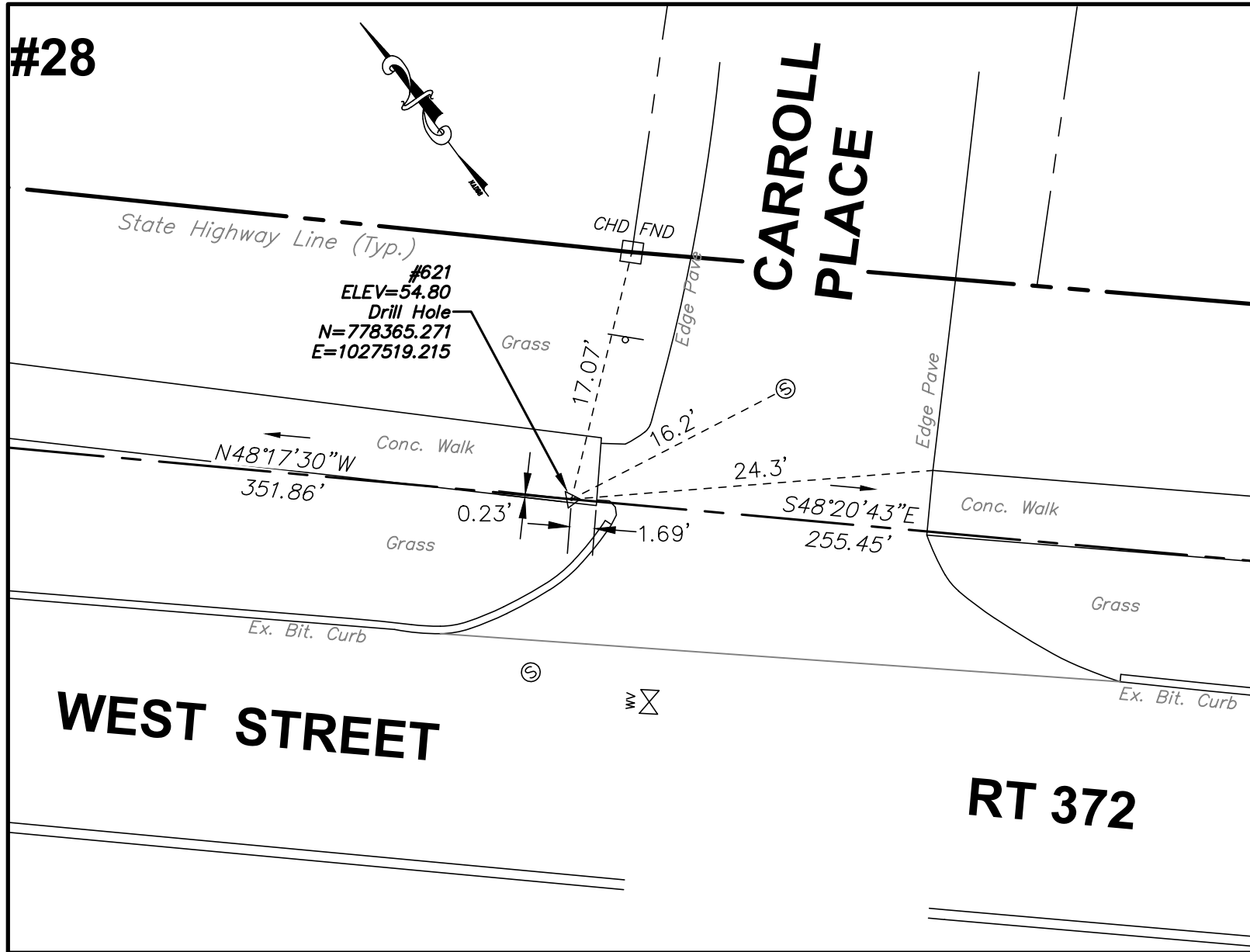
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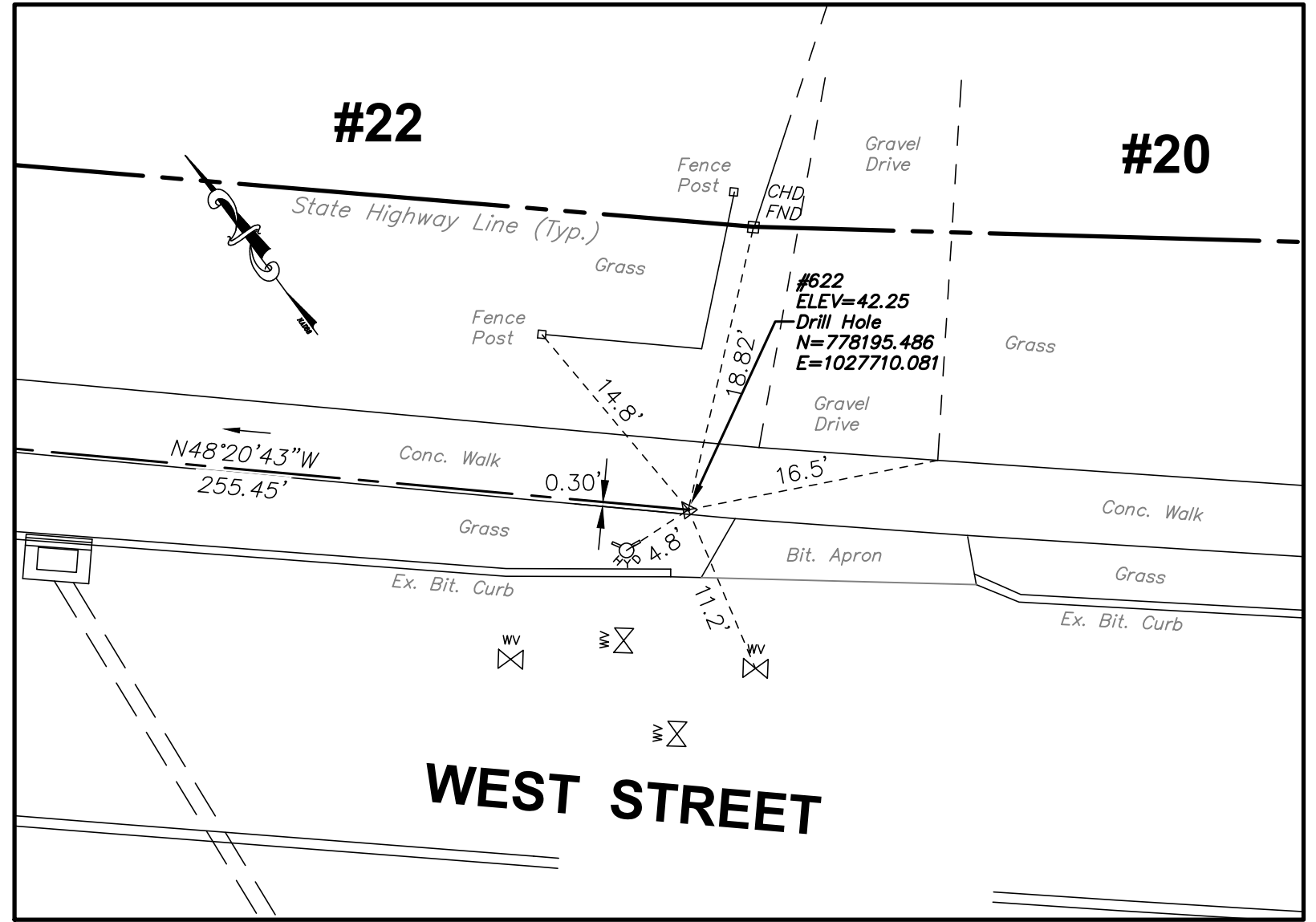
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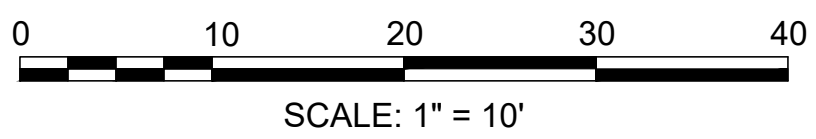
CONTROL POINT  
#620



CONTROL POINT  
#621



CONTROL POINT  
#622



ALLEN CENTERLINE REPORT

SIDEWALK BASELINE REPORT

Description: Centerline 5' Wide Concrete Sidewalk

Station Range: Start: 0+00.00, End: 16+31.95

|            |               |                 |          |               |          |               |                 |         |               |
|------------|---------------|-----------------|----------|---------------|----------|---------------|-----------------|---------|---------------|
| PI Station | Northing      | Easting         | Distance | Direction     | 6+11.13  | 778,784.6389' | 1,026,957.4986' | 39.30'  | S39° 21' 36"E |
| 0+00.00    | 779,080.8912' | 1,026,425.3639' |          |               | 6+50.43  | 778,754.2495' | 1,026,982.4251' | 56.52'  | S55° 15' 59"E |
|            |               |                 |          |               | 7+06.95  | 778,722.0448' | 1,027,028.8763' | 139.02' | S52° 17' 13"E |
| 0+32.17    | 779,067.1374' | 1,026,454.4450' | 32.17'   | S64° 41' 18"E | 8+45.98  | 778,637.0034' | 1,027,138.8550' | 16.84'  | S52° 54' 57"E |
|            |               |                 |          |               | 8+62.82  | 778,626.8492' | 1,027,152.2890' | 66.25'  | S41° 46' 19"E |
| 1+25.34    | 779,029.2913' | 1,026,539.5785' | 93.17'   | S66° 01' 57"E | 9+29.06  | 778,577.4423' | 1,027,196.4204' | 152.78' | S49° 48' 37"E |
|            |               |                 |          |               | 10+81.84 | 778,478.8496' | 1,027,313.1311' | 42.90'  | S48° 52' 51"E |
| 1+98.74    | 778,999.4743' | 1,026,606.6510' | 73.40'   | S66° 01' 57"E | 11+24.74 | 778,450.6393' | 1,027,345.4473' | 234.38' | S49° 11' 00"E |
|            |               |                 |          |               | 13+59.12 | 778,297.4384' | 1,027,522.8279' | 73.29'  | S48° 00' 46"E |
| 2+21.74    | 778,990.1310' | 1,026,627.6685' | 56.31'   | S63° 07' 11"E | 14+32.41 | 778,248.4108' | 1,027,577.3031' | 124.35' | S48° 55' 45"E |
|            |               |                 |          |               | 15+56.76 | 778,166.7148' | 1,027,671.0496' | 75.19'  | S46° 29' 03"E |
| 2+78.04    | 778,964.6736' | 1,026,677.8904' | 102.51'  | S61° 33' 57"E | 16+31.95 | 778,114.9405' | 1,027,725.5779' |         |               |
|            |               |                 |          |               |          |               |                 |         |               |
| 3+80.56    | 778,915.8621' | 1,026,768.0373' | 55.13'   | S58° 05' 23"E |          |               |                 |         |               |
|            |               |                 |          |               |          |               |                 |         |               |
| 4+35.68    | 778,886.7228' | 1,026,814.8327' | 53.39'   | S55° 21' 41"E |          |               |                 |         |               |
|            |               |                 |          |               |          |               |                 |         |               |
| 4+89.07    | 778,856.3760' | 1,026,858.7594' | 64.72'   | S54° 26' 23"E |          |               |                 |         |               |
|            |               |                 |          |               |          |               |                 |         |               |
| 5+53.80    | 778,818.7357' | 1,026,911.4121' | 57.33'   | S53° 30' 15"E |          |               |                 |         |               |

Alignment: Allen\_Rd

Description: Center Line Road

Tangent Data

|             |            |           |                 |
|-------------|------------|-----------|-----------------|
| Description | PT Station | Northing  | Easting         |
| Start:      | 0+00.00    | 778787.48 | 1027070.01      |
| End:        | 0+92.88    | 778719.30 | 1027006.94      |
| Length:     | 92.88      | Course:   | S 42° 46' 08" W |

Curve Point Data

|             |           |            |            |
|-------------|-----------|------------|------------|
| Description | Station   | Northing   | Easting    |
| PC:         | 0+92.88   | 778719.30  | 1027006.94 |
| RP:         | 778651.39 | 1027080.35 |            |
| PT:         | 1+75.37   | 778643.55  | 1026980.66 |

Circular Curve Data

|           |             |           |                 |
|-----------|-------------|-----------|-----------------|
| Parameter | Value       | Parameter | Value           |
| Delta:    | 47° 15' 51" | Type:     | LEFT            |
| Radius:   | 100.00      | DOC:      | 57° 17' 45"     |
| Length:   | 82.49       | Tangent:  | 43.76           |
| Mid-Ord:  | 8.39        | External: | 9.15            |
| Chord:    | 80.17       | Course:   | S 19° 08' 12" W |

Tangent Data

|             |            |           |                 |
|-------------|------------|-----------|-----------------|
| Description | PT Station | Northing  | Easting         |
| Start:      | 1+75.37    | 778643.55 | 1026980.66      |
| End:        | 3+16.78    | 778502.58 | 1026991.74      |
| Length:     | 141.41     | Course:   | S 04° 29' 43" E |

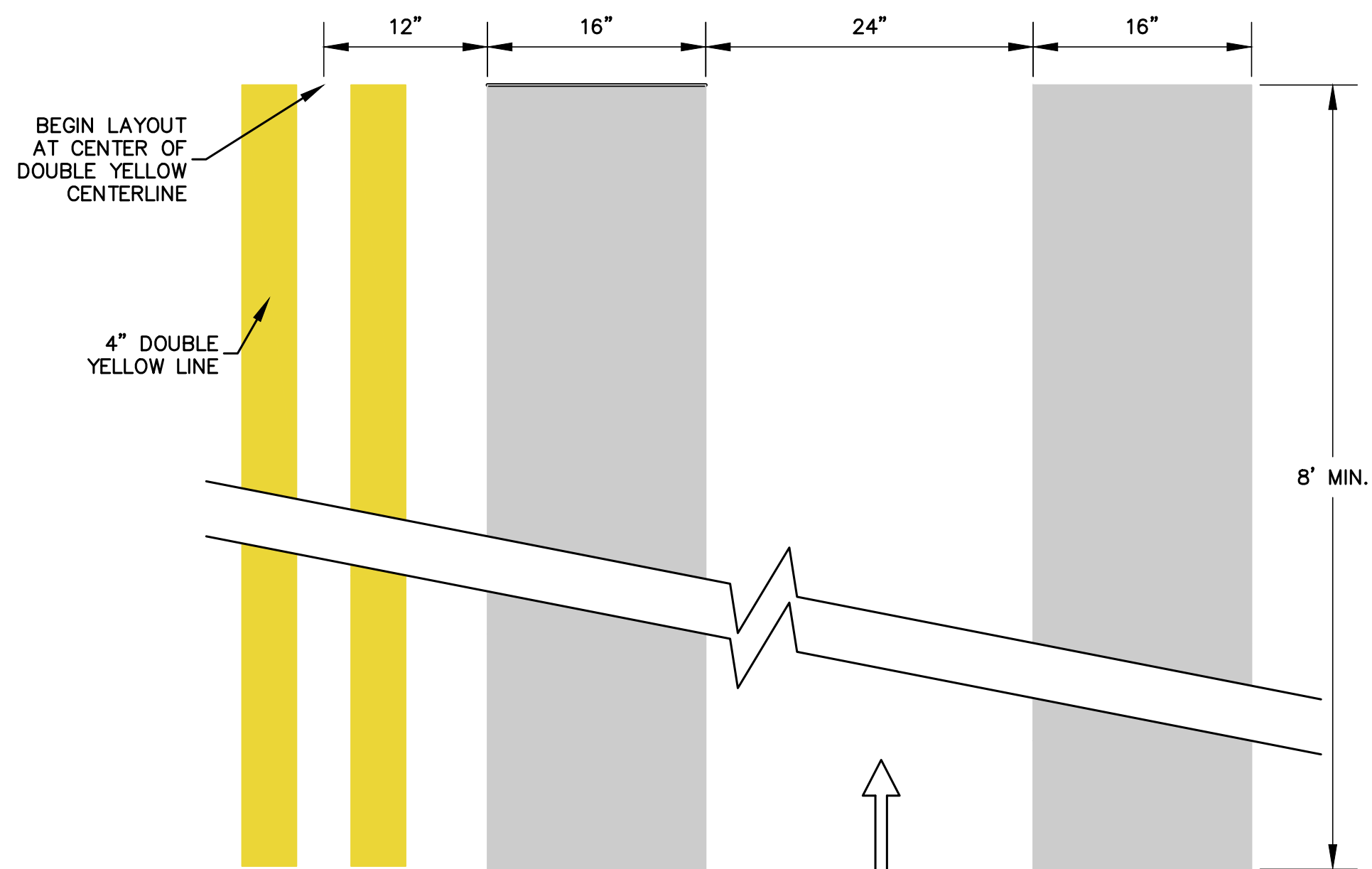
SURVEY NOTES

- NOTES:
- SURVEY PERFORMED BY LENARD ENGINEERING, INC. ON 4/15/22. HORIZONTAL DATUM IS NAD 83, VERTICAL DATUM IS NAVD 88. HORIZONTAL CONTROL SURVEY POINTS AND BOUNDARY MONUMENT LOCATIONS CONFORM TO REAL TIME KINEMATIC (RTK) STANDARDS FOR CLASS A-2 ACCURACY. TOPOGRAPHY CONFORMS TO (RTK) CLASS T-2 TOPOGRAPHIC SURVEY STANDARDS.
  - STATE HIGHWAY RIGHT OF WAY LINES BASED ON PHYSICAL EVIDENCE AND CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP - TOWN OF CROMWELL, WEST STREET FROM MAIN STREET WESTERLY TO NEWFIELD STREET ROUTE NO. 319. DATE: OCT. 30, 1931 REV. 5/21/71 REFINED 2/1980 SCALE 1"=40' NO. 342 SHEET 1 OF 4
  - PROPERTY/BOUNDARY LINES TAKEN FROM TOWN OF CROMWELL ASSESSORS RECORDS MAPS #42, 53 & 54. PROPERTY LINE LOCATIONS DO NOT REPRESENT A PROPERTY/BOUNDARY OPINION.
  - ALIGNMENT FOR PROPOSED RELOCATION OF INTERSECTION OF ALLEN ROAD TAKEN FROM PLAN ENTITLED "CROMWELL MUNICIPAL CENTER AND LIBRARY, CROMWELL, CONNECTICUT" BY M.R. ROMING ASSOCIATES & KAESTLE BOOS ASSOCIATES ARCHITECTS. SITE LAYOUT PLAN DWG #L-1 OCT 3, 1983 ON FILE WITH TOWN CLERK PLAN U-15.

|                                                            |      |                                                                                                                          |    |                   |
|------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------|----|-------------------|
| REV.                                                       | DATE | DESCRIPTION                                                                                                              | BY | CHK.              |
| DRAWING ISSUE STATUS                                       |      |                                                                                                                          |    |                   |
| FOR REVIEW                                                 |      |                                                                                                                          |    |                   |
|                                                            |      | HALEY WARD<br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |    |                   |
| PROJECT<br>TOWN OF CROMWELL<br>CROMWELL, CONNECTICUT       |      |                                                                                                                          |    |                   |
| TITLE<br>SURVEY CONTROL SWING TIES<br>AND BASELINE REPORTS |      |                                                                                                                          |    |                   |
| DATE<br>March 2, 2023                                      |      | SCALE<br>AS NOTED                                                                                                        |    |                   |
| DRAWN BY<br>KLD                                            |      | DESIGNED BY<br>JED                                                                                                       |    | CHECKED BY<br>JEE |
| PROJECT No.<br>22-334                                      |      | CONTRACT No.                                                                                                             |    |                   |
| DRAWING No.                                                |      | REV.                                                                                                                     |    |                   |
| ST1                                                        |      |                                                                                                                          |    |                   |



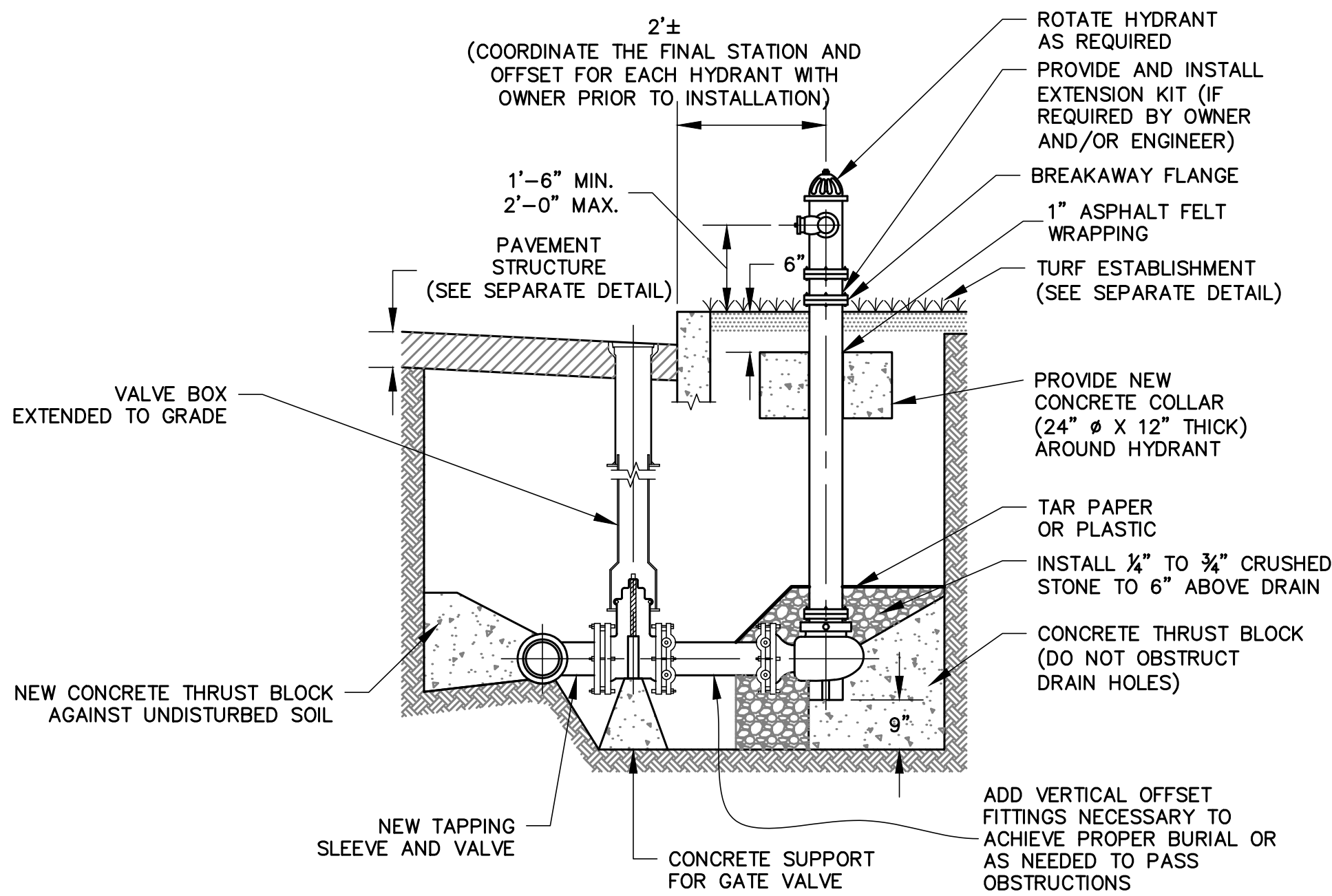




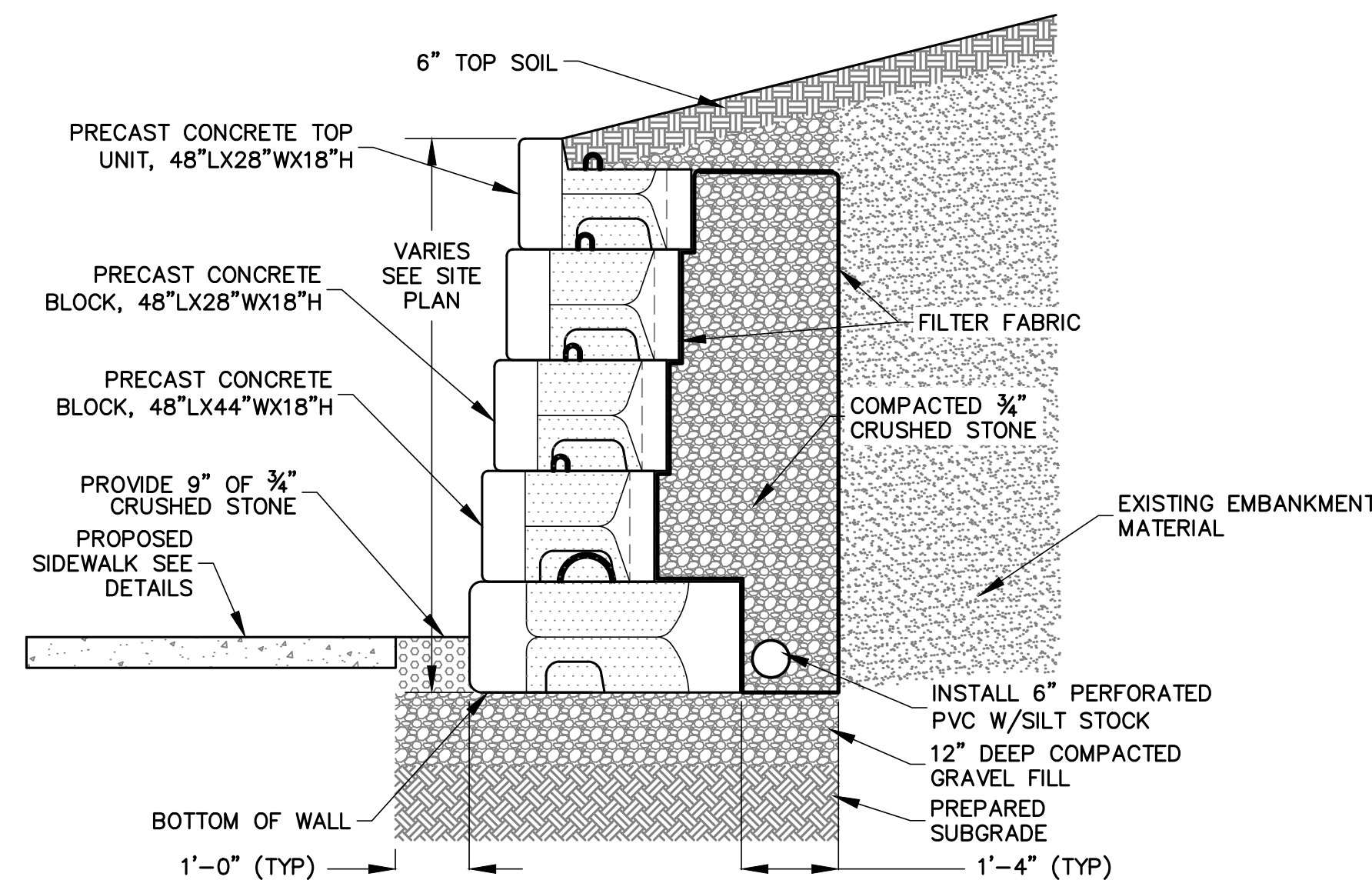
NOTES:

- CROSSWALK MARKINGS SHALL BE WHITE.
- BARs SHOULD BE NO CLOSER THAN 1' FROM EDGE OF ROAD.
- ONLY FULL LENGTH BARs SHALL BE INSTALLED.
- 24" WIDE SPACE TO BE CENTERED ON YELLOW CENTERLINE.

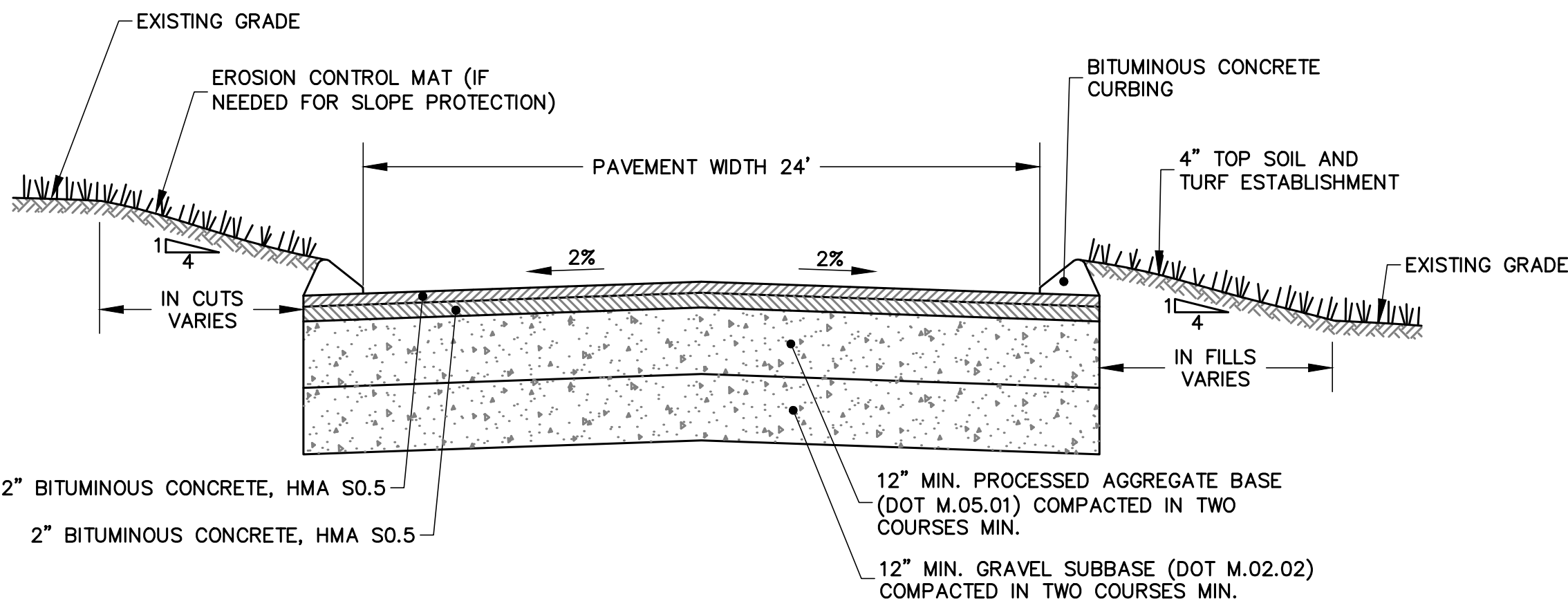
**CROSSWALK DETAIL  
(WHITE)**  
N.T.S



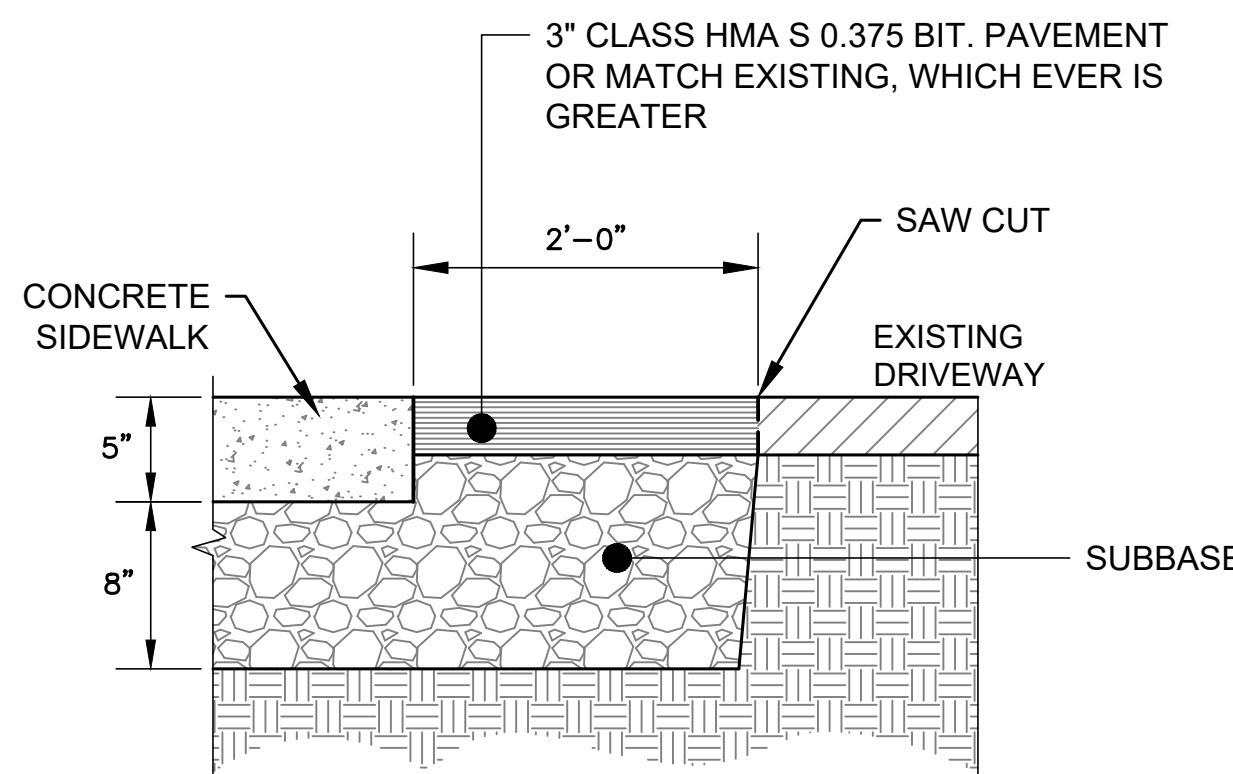
**HYDRANT ASSEMBLY**  
NOT TO SCALE



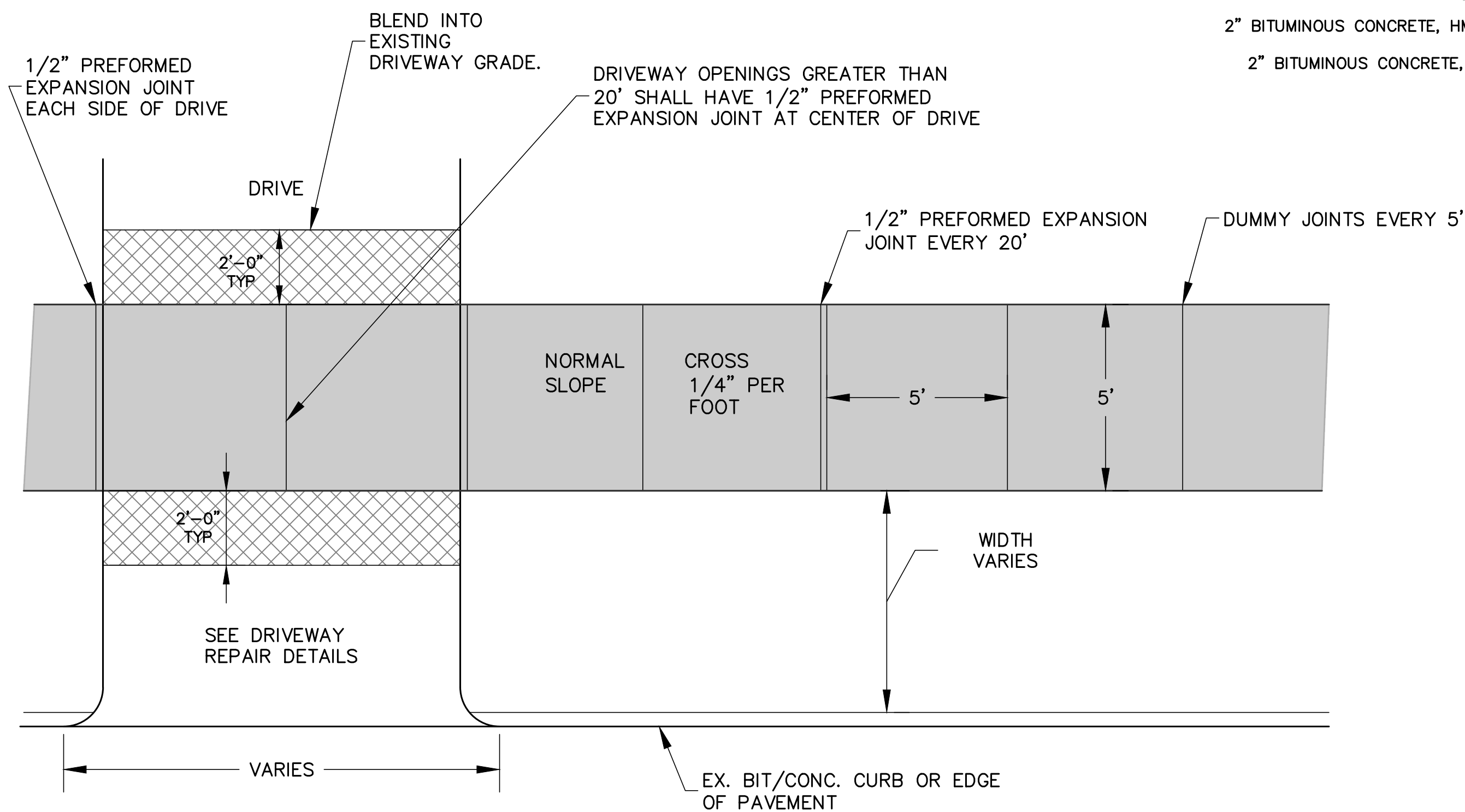
**PRECAST CONCRETE  
RETAINING WALL SECTION**  
SCALE: 1/2"=1'-0"



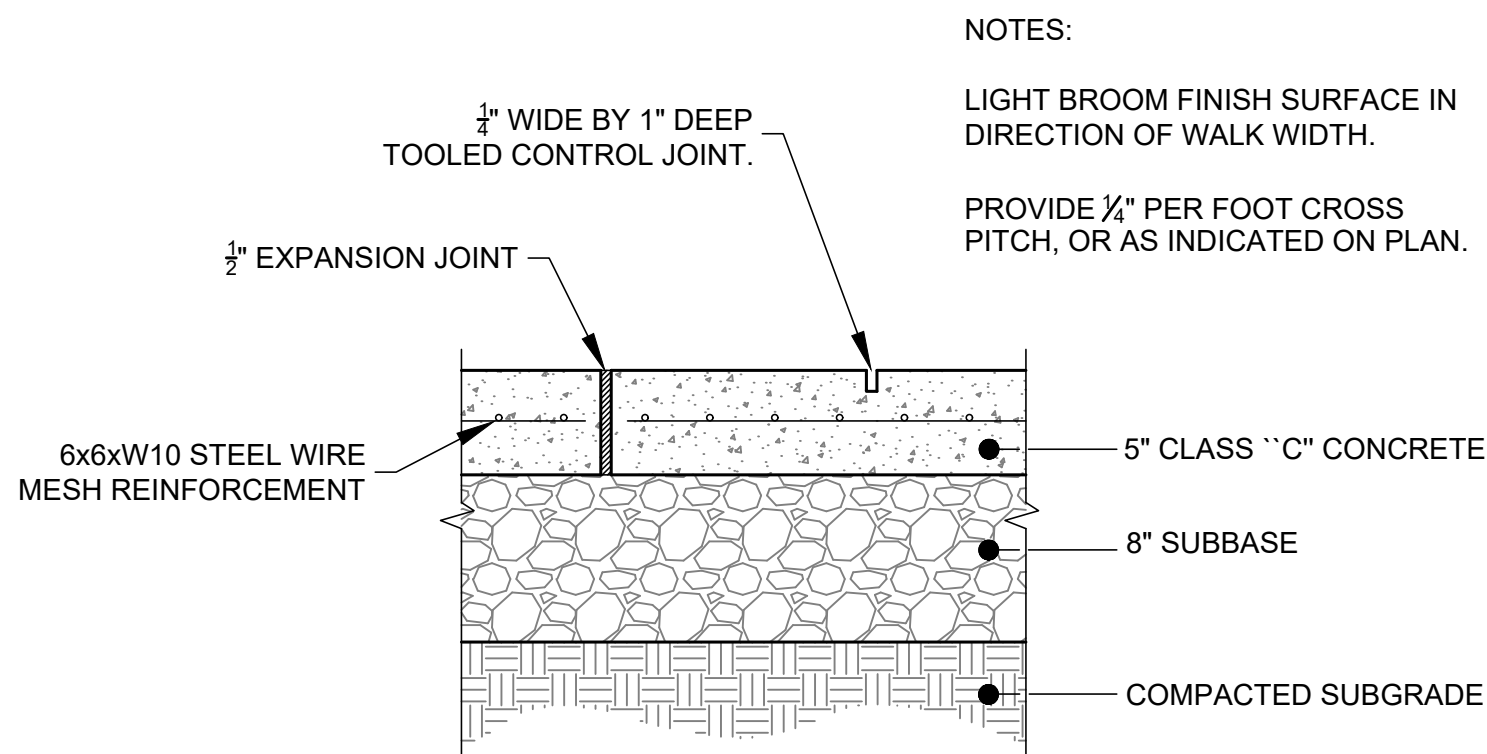
**ALLEN ROAD CROSS SECTION**  
NOT TO SCALE



**DRIVEWAY REPAIR DETAIL**  
NOT TO SCALE



**TYPICAL SIDEWALK PLAN**  
N.T.S

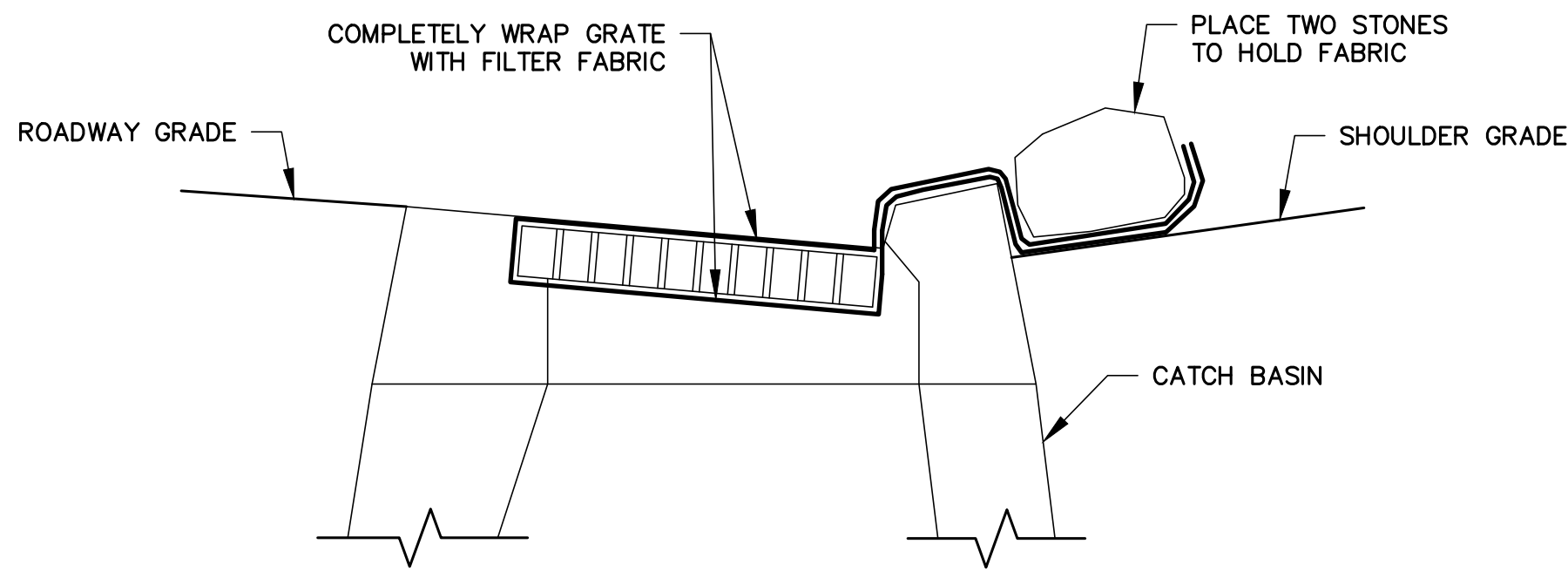


NOTES:

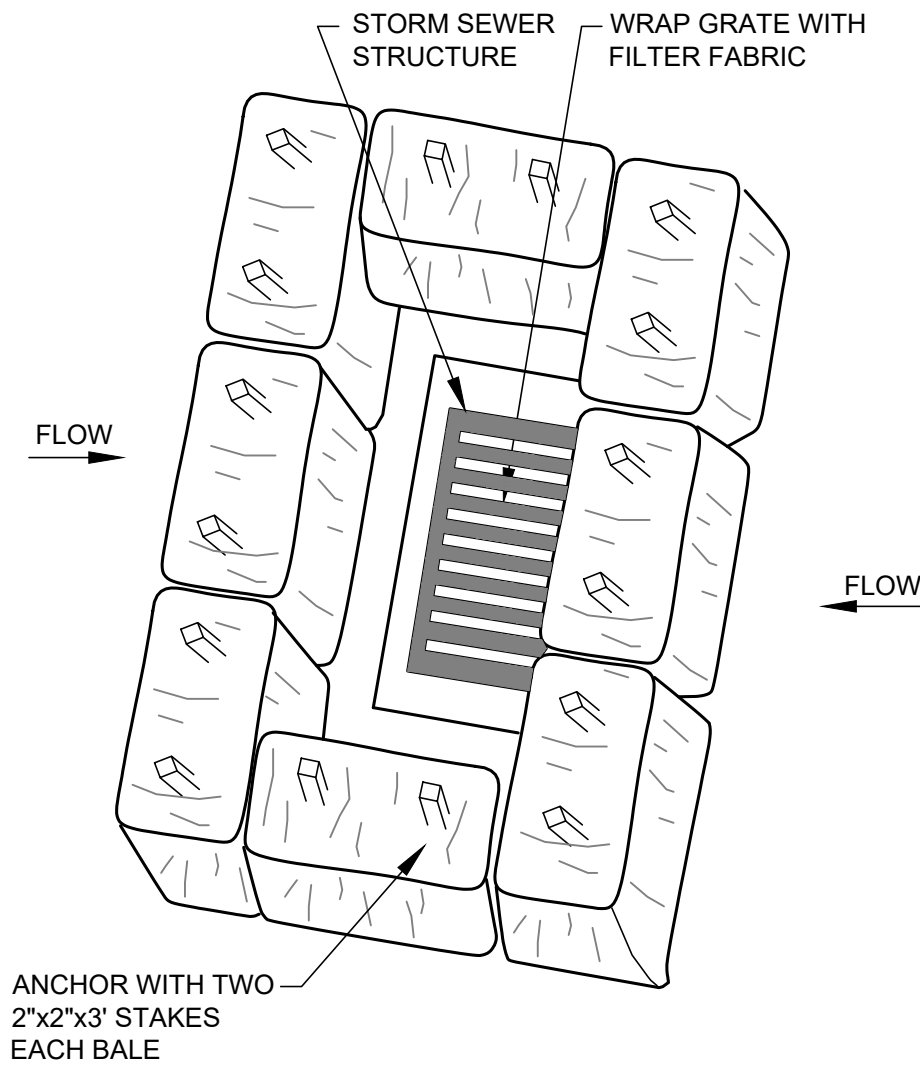
- LIGHT BROOM FINISH SURFACE IN DIRECTION OF WALK WIDTH.
- PROVIDE ¼" PER FOOT CROSS PITCH, OR AS INDICATED ON PLAN.

**CONCRETE SIDEWALK DETAIL**  
NOT TO SCALE

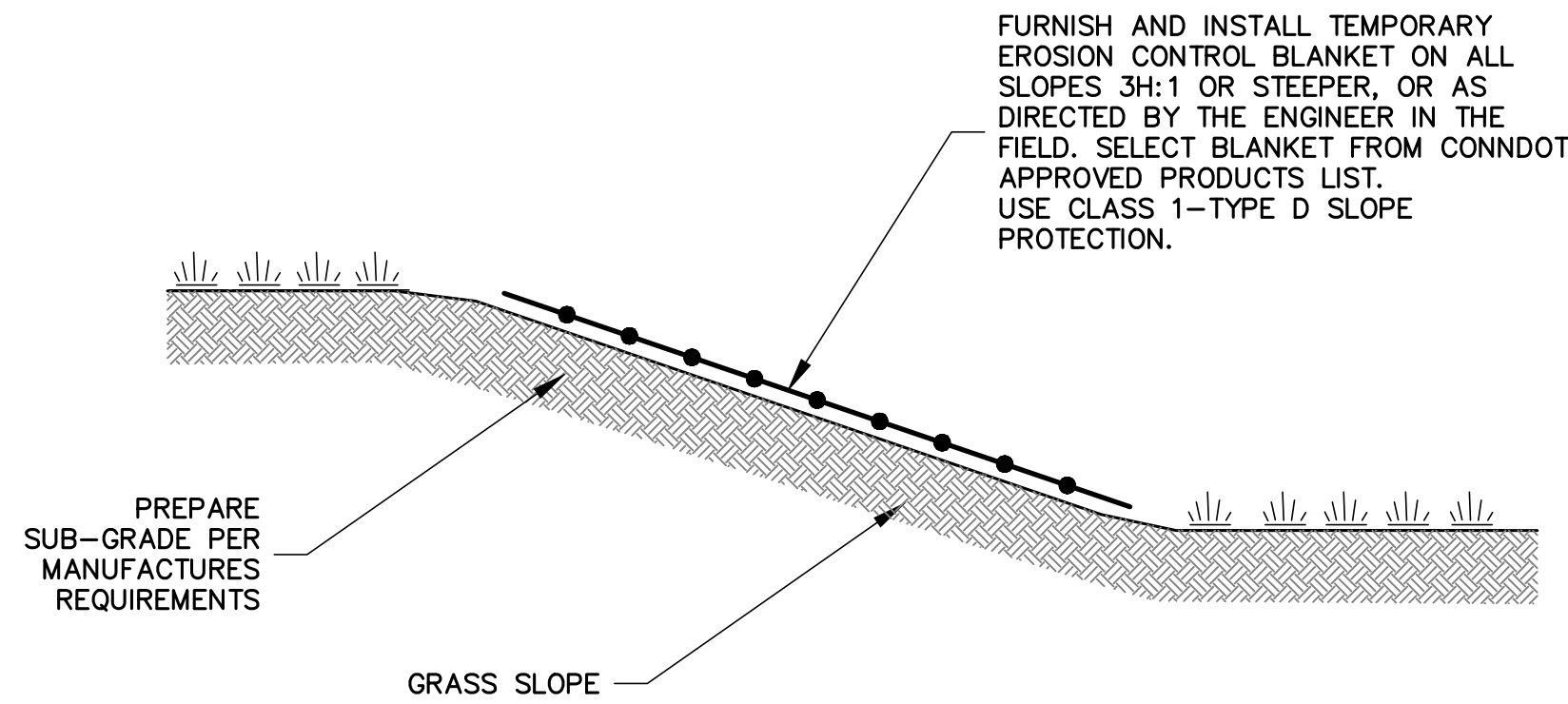
| REV.                                                                                                                                                                                                                  | DATE | DESCRIPTION        | BY | CHK.              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|----|-------------------|
| DRAWING ISSUE STATUS                                                                                                                                                                                                  |      |                    |    |                   |
| FOR REVIEW                                                                                                                                                                                                            |      |                    |    |                   |
|  <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100 |      |                    |    |                   |
| PROJECT<br><b>TOWN OF CROMWELL<br/>CROMWELL, CONNECTICUT</b>                                                                                                                                                          |      |                    |    |                   |
| TITLE<br><b>SIDEWALK DETAILS</b>                                                                                                                                                                                      |      |                    |    |                   |
| DATE<br>March 2, 2023                                                                                                                                                                                                 |      | SCALE<br>AS NOTED  |    |                   |
| DRAWN BY<br>JED                                                                                                                                                                                                       |      | DESIGNED BY<br>JED |    | CHECKED BY<br>JEE |
| PROJECT No.<br>22-334                                                                                                                                                                                                 |      | CONTRACT No.       |    |                   |
| DRAWING No.                                                                                                                                                                                                           |      | REV.               |    | <b>D3</b>         |



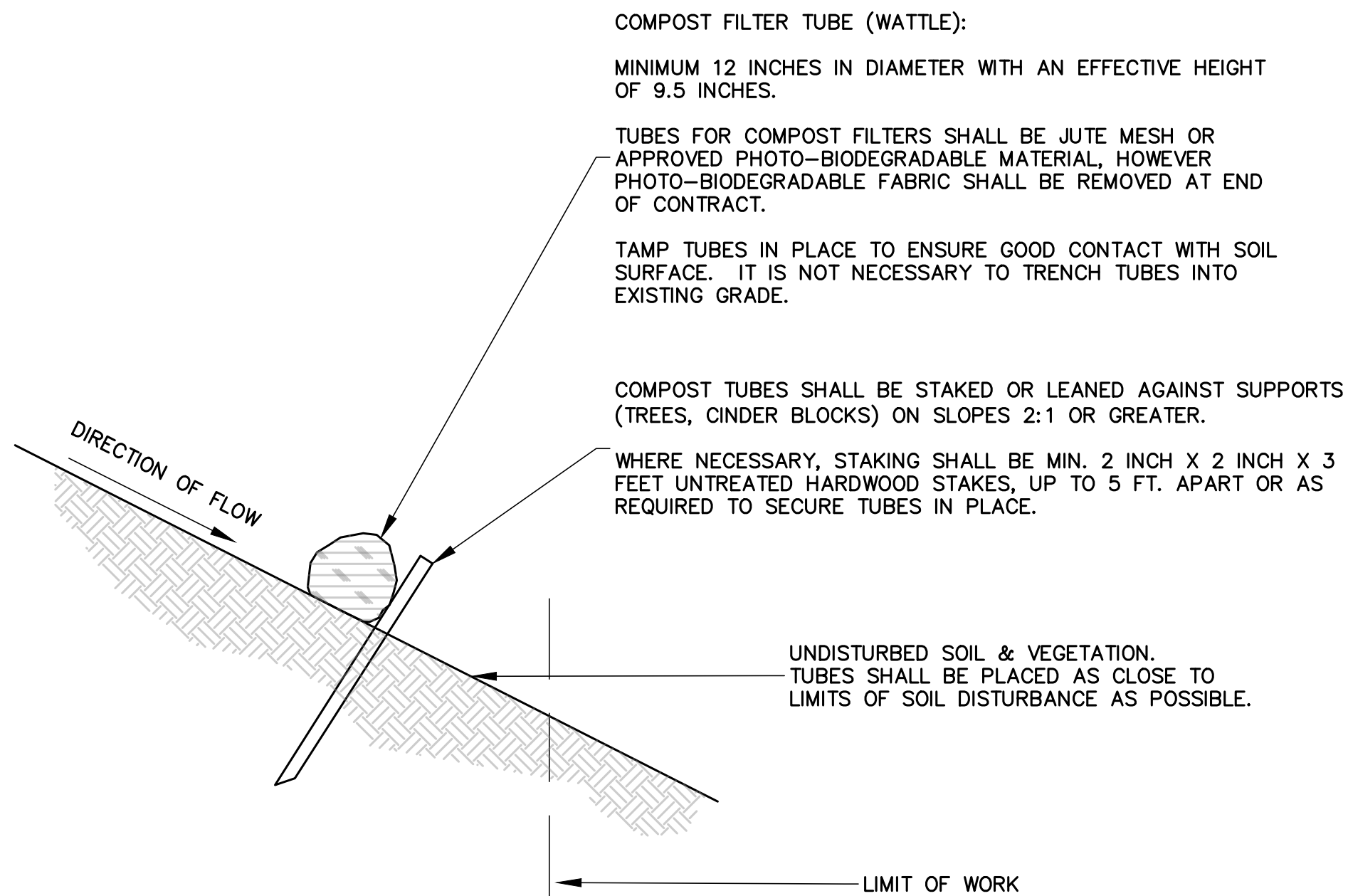
**CATCH BASIN PROTECTION**  
NOT TO SCALE



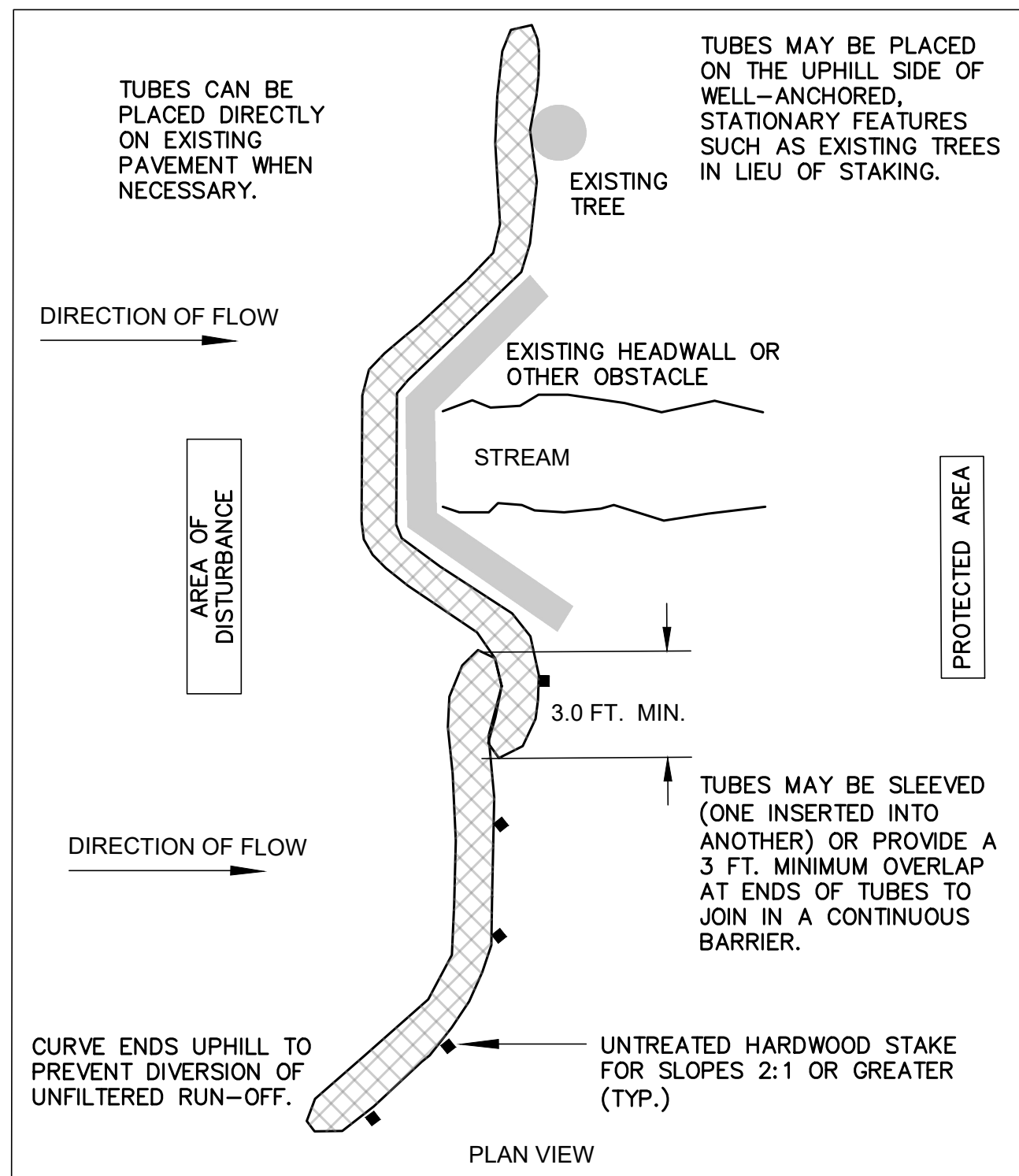
**CATCH BASIN PROTECTION USING HAYBALES AND FILTER FABRIC**  
NOT TO SCALE



**TEMPORARY EROSION CONTROL BLANKET**  
NOT TO SCALE

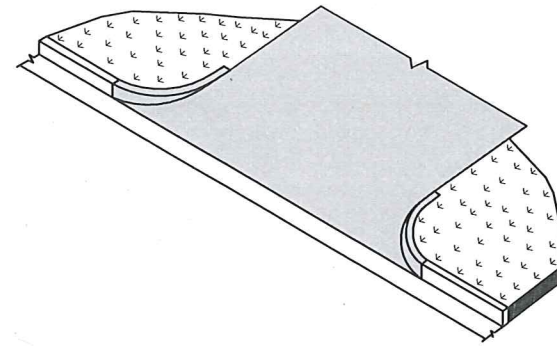


**COMPOST FILTER TUBE (WATTLE) DETAIL**  
NOT TO SCALE

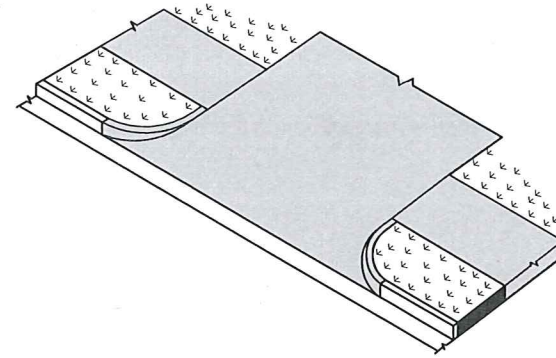


- GENERAL NOTES:
1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES FOR SLOPES UP TO 50 FEET IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSEING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
  2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
  3. TUBE LOCATION MAY BE SHIFTED TO ADJUST TO LANDSCAPE FEATURES, BUT SHALL PROTECT UNDISTURBED AREA AND VEGETATION TO MAXIMUM EXTENT POSSIBLE.
  4. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
  5. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
  6. ADDITIONAL STAKING SHALL BE USED AT THE DIRECTION OF THE ENGINEER.

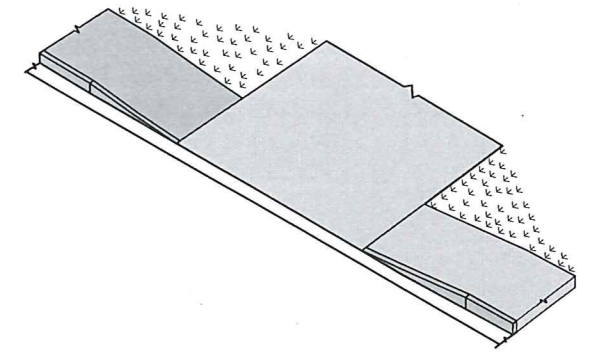
| REV.                                                                                                                                                                                                                                       | DATE | DESCRIPTION   | BY | CHK.         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------|----|--------------|
| DRAWING ISSUE STATUS                                                                                                                                                                                                                       |      |               |    |              |
| FOR REVIEW                                                                                                                                                                                                                                 |      |               |    |              |
|  <b>HALEY WARD</b><br>ENGINEERING   ENVIRONMENTAL   SURVEYING<br>2210 Main St.<br>Glastonbury, Connecticut 06033<br>860.659.3100<br>WWW.HALEYWARD.COM |      |               |    |              |
| PROJECT                                                                                                                                                                                                                                    |      |               |    |              |
| TOWN OF CROMWELL<br>CROMWELL, CONNECTICUT                                                                                                                                                                                                  |      |               |    |              |
| TITLE                                                                                                                                                                                                                                      |      |               |    |              |
| SEDIMENT & EROSION CONTROL DETAILS                                                                                                                                                                                                         |      |               |    |              |
| DATE                                                                                                                                                                                                                                       |      | March 2, 2023 |    | SCALE        |
| DRAWN BY                                                                                                                                                                                                                                   |      | JED           |    | AS NOTED     |
| DESIGNED BY                                                                                                                                                                                                                                |      | JED           |    | CHECKED BY   |
| PROJECT No.                                                                                                                                                                                                                                |      | 22-334        |    | CONTRACT No. |
| DRAWING No.                                                                                                                                                                                                                                |      | D4            |    | REV.         |



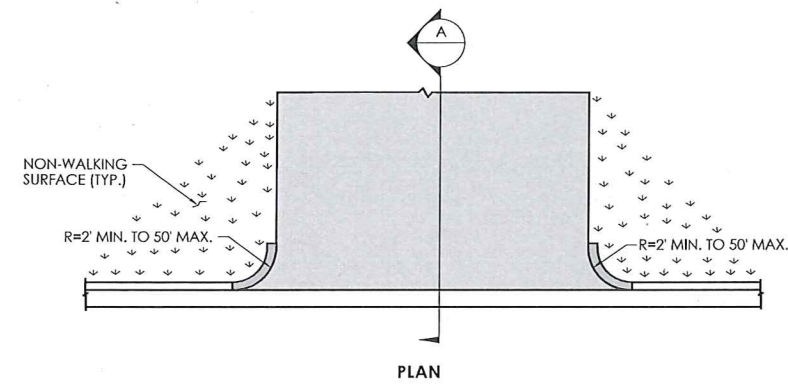
BITUMINOUS CONCRETE DRIVEWAY



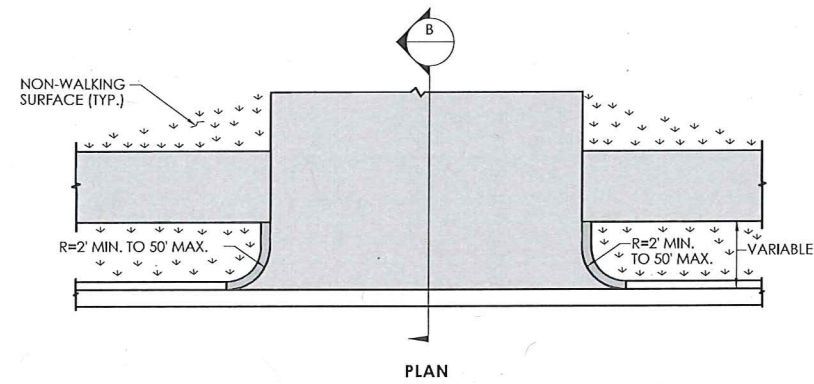
BITUMINOUS CONCRETE DRIVEWAY  
WITH A PEDESTRIAN SIDEWALK SETBACK



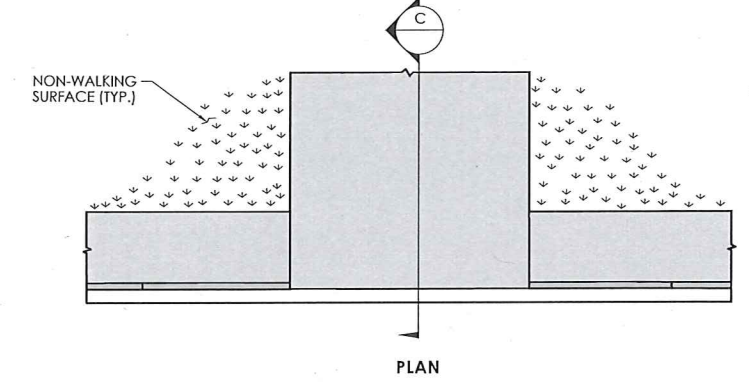
BITUMINOUS CONCRETE DRIVEWAY  
WITH PEDESTRIAN SIDEWALK AT THE CURB



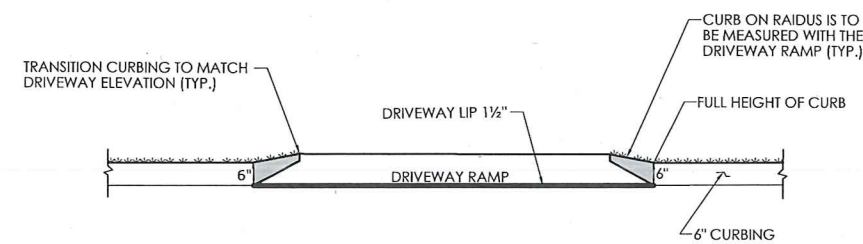
PLAN



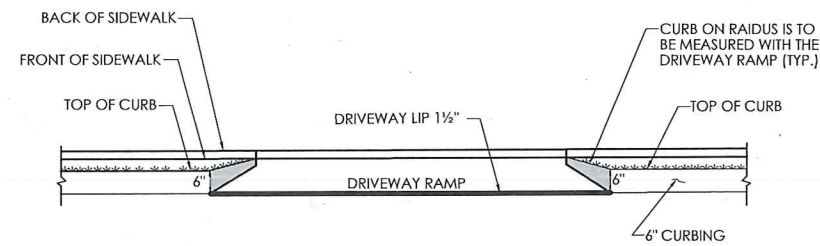
PLAN



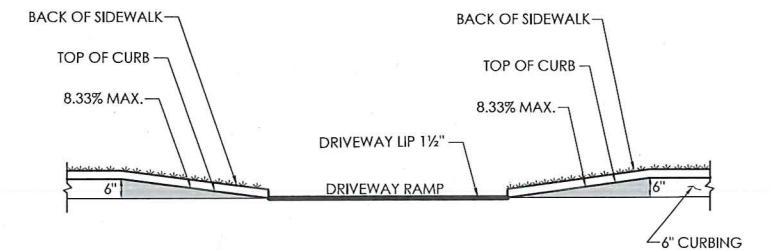
PLAN



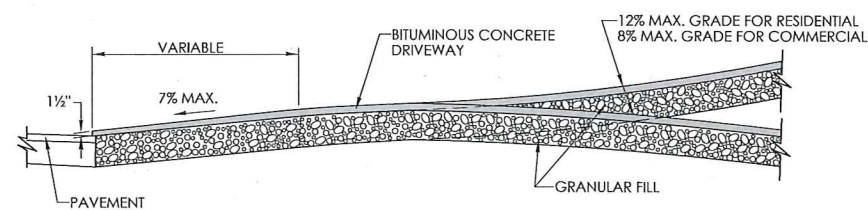
ELEVATION



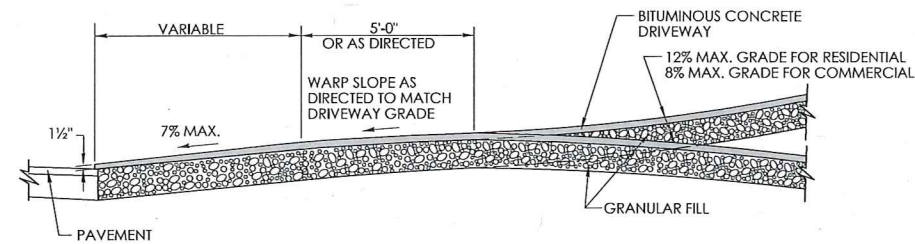
ELEVATION



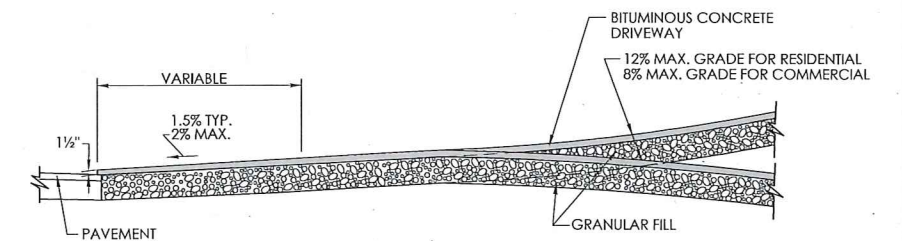
ELEVATION



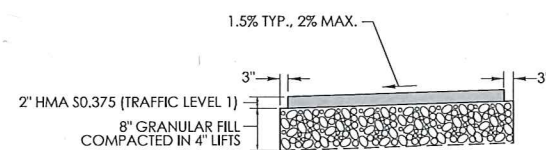
SECTION A



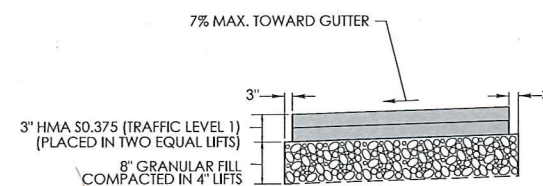
SECTION B



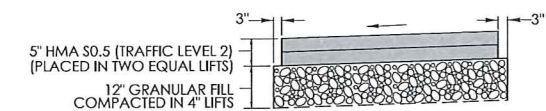
SECTION C



BITUMINOUS CONCRETE SIDEWALK



BITUMINOUS CONCRETE DRIVEWAY



COMMERCIAL  
BITUMINOUS CONCRETE DRIVEWAY

NOT TO SCALE

SIGNATURE BLOCK:  
OFFICE OF ENGINEERING  
2800 BERLIN TURNPIKE  
NEWINGTON, CT 06111

SUBMITTED BY:  
Digitally signed by  
Leo Fontaine, P.E.  
Date: 2022.09.27  
15:14:43-04'00'

APPROVED BY:  
Digitally signed by  
Michael J. Calabrese,  
Date: 2022.11.08  
09:41:50-05'00'

STATE OF CONNECTICUT  
DEPARTMENT  
OF  
TRANSPORTATION



CTDOT  
STANDARD SHEET

STANDARD SHEET TITLE:  
BITUMINOUS CONCRETE SIDEWALK AND  
BITUMINOUS CONCRETE DRIVEWAY

STANDARD SHEET NO.:  
HW-922\_01