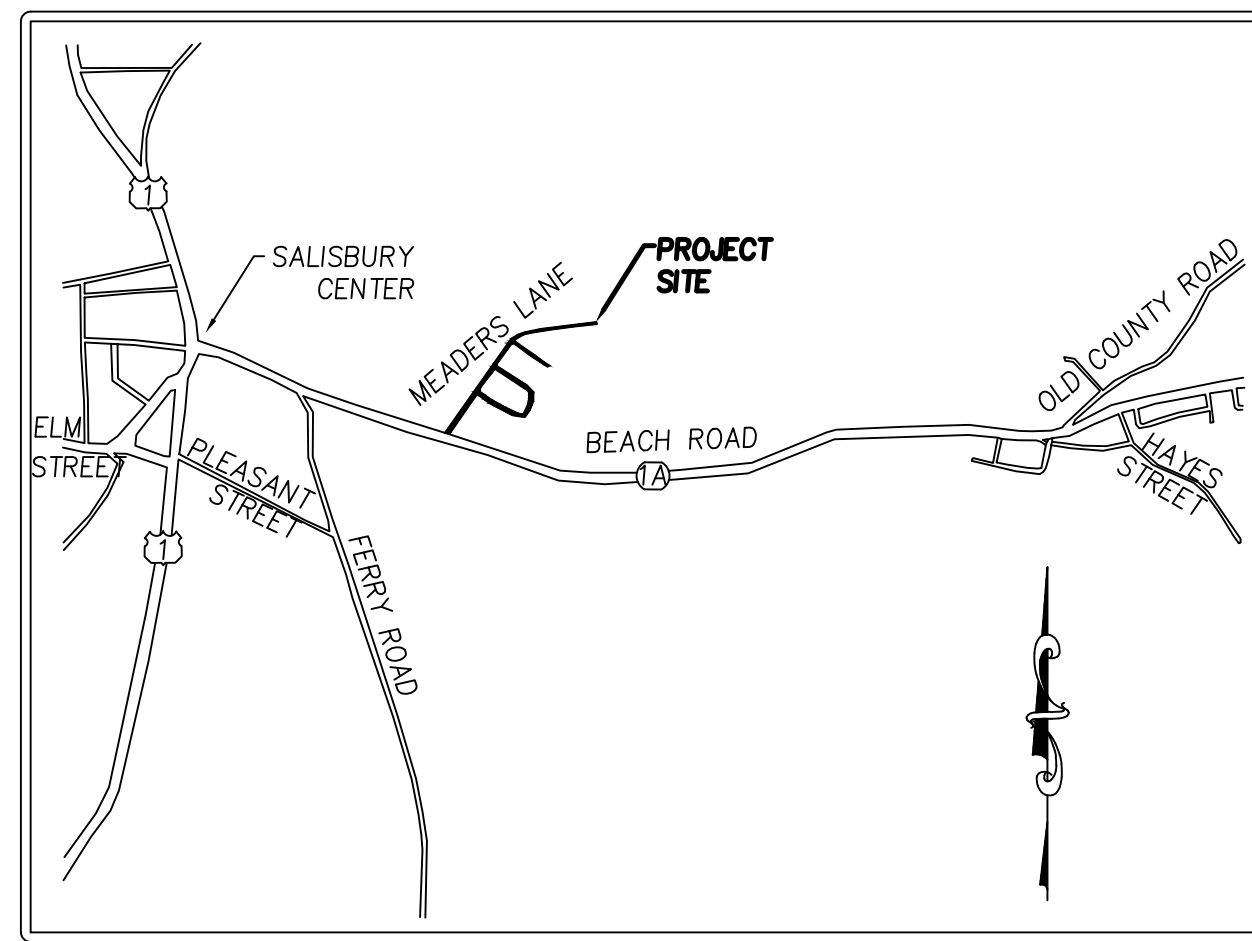
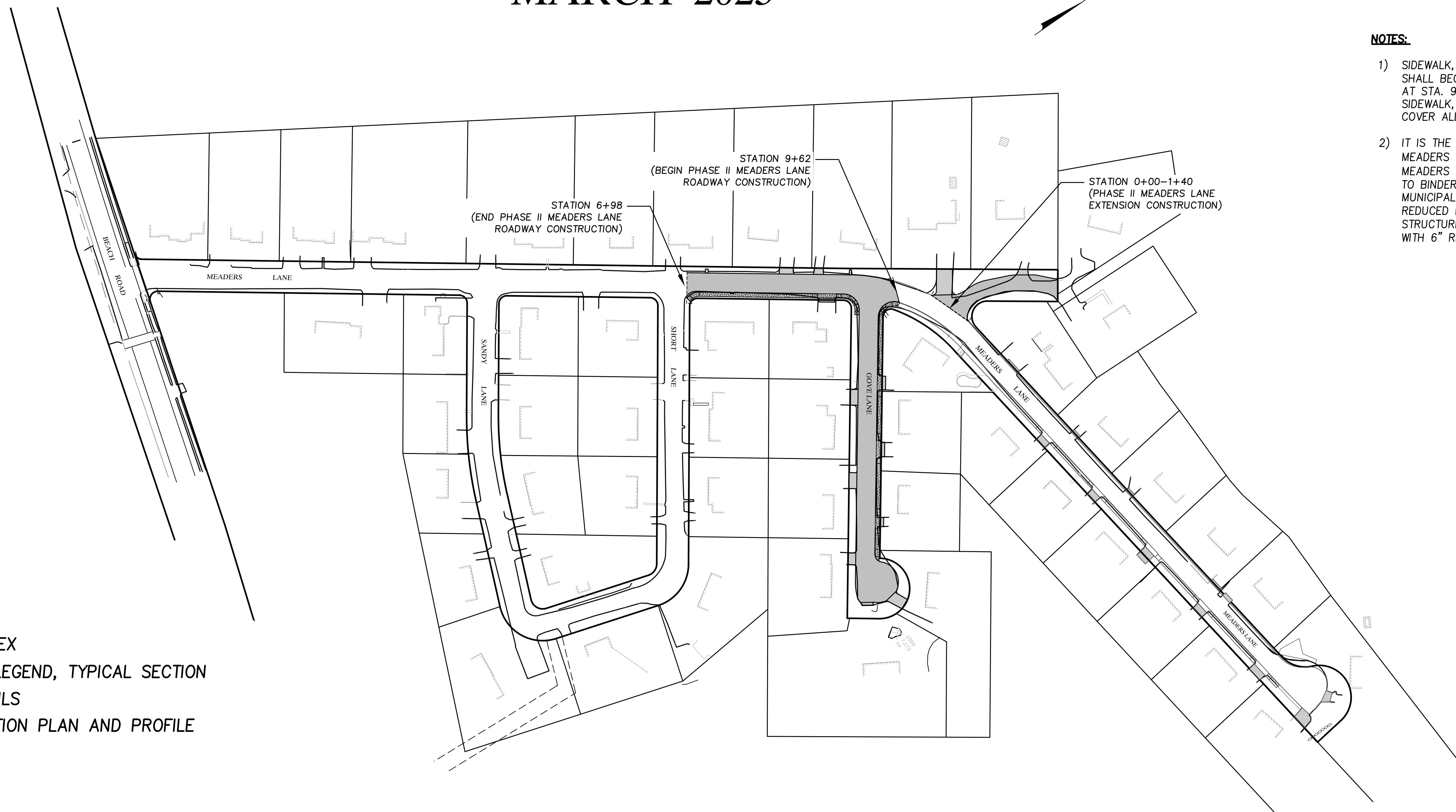
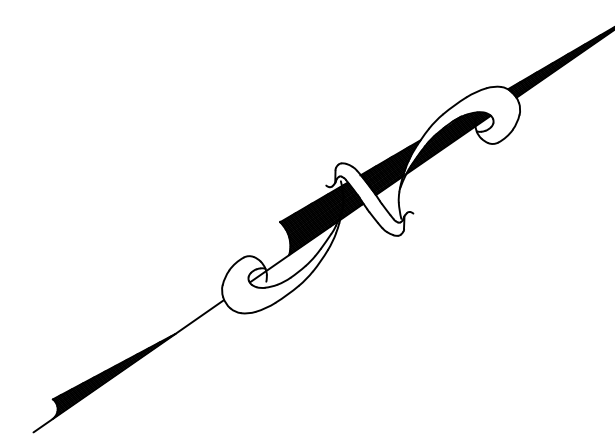


MEADERS LANE NEIGHBORHOOD INFRASTRUCTURE IMPROVEMENTS PROJECT - PHASE II IN SALISBURY, MA MARCH 2023



LOCUS
112

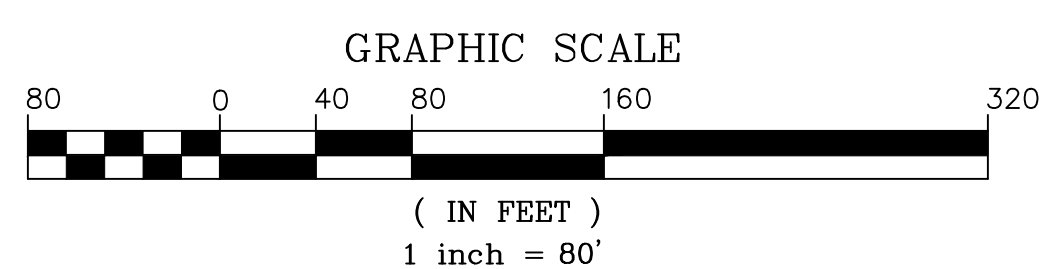


NOTES:

- 1) SIDEWALK, ROADWAY AND DRAINAGE IMPROVEMENTS SHALL BEGIN AT STA. 6+98± MEADERS LANE AND END AT STA. 9+62± OF MEADERS LANE. IN ADDITION, THE SIDEWALK, ROADWAY AND DRAINAGE IMPROVEMENTS WILL COVER ALL OF MEADERS LANE EXTENSION ROAD.
- 2) IT IS THE INTENT OF THIS PROJECT TO RECONSTRUCT MEADERS LANE (STA. 6+98± TO 9+62±) AND THE MEADERS LANE EXTENSION ROAD (STA. 0+00 TO 1+40) TO BINDER GRADE. PROPOSED PROFILE GRADES AND MUNICIPAL STRUCTURE RIM ELEVATIONS SHALL BE REDUCED BY 0.12 FEET FOR BINDER GRADE/MUNICIPAL STRUCTURE GRADES. GRANITE CURBING SHALL BE SET WITH 6" REVEAL.

INDEX

| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1 | COVER SHEET & INDEX |
| 2 | GENERAL NOTES & LEGEND, TYPICAL SECTION |
| 3-4 | CONSTRUCTION DETAILS |
| 5-6 | GENERAL CONSTRUCTION PLAN AND PROFILE |



PREPARED FOR
TOWN OF SALISBURY, MA
5 BEACH ROAD
SALISBURY, MA

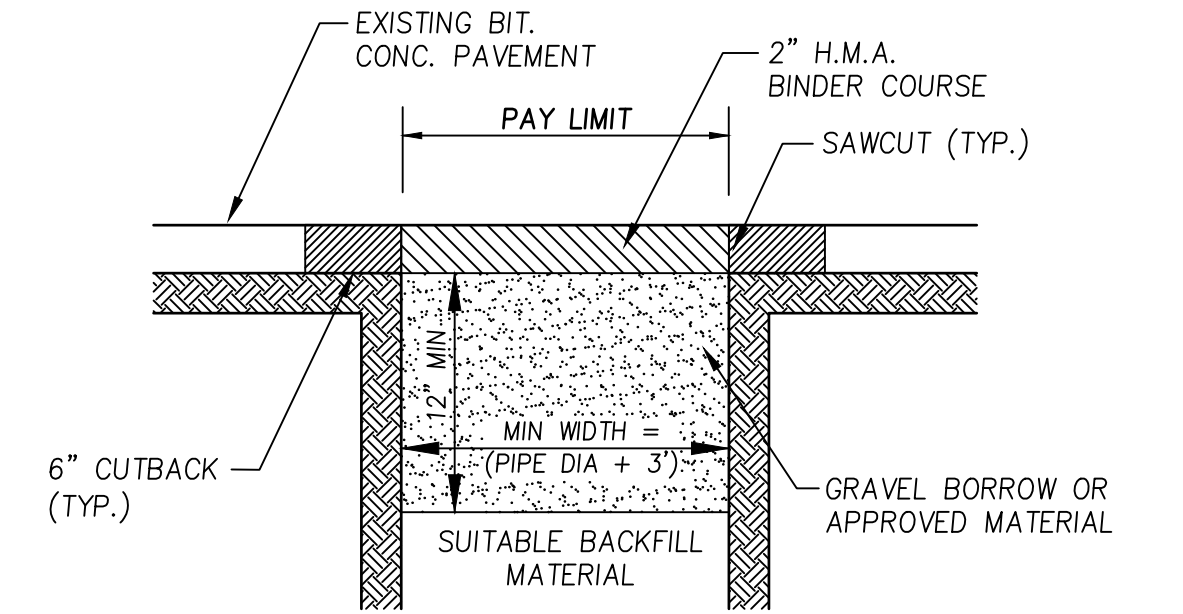
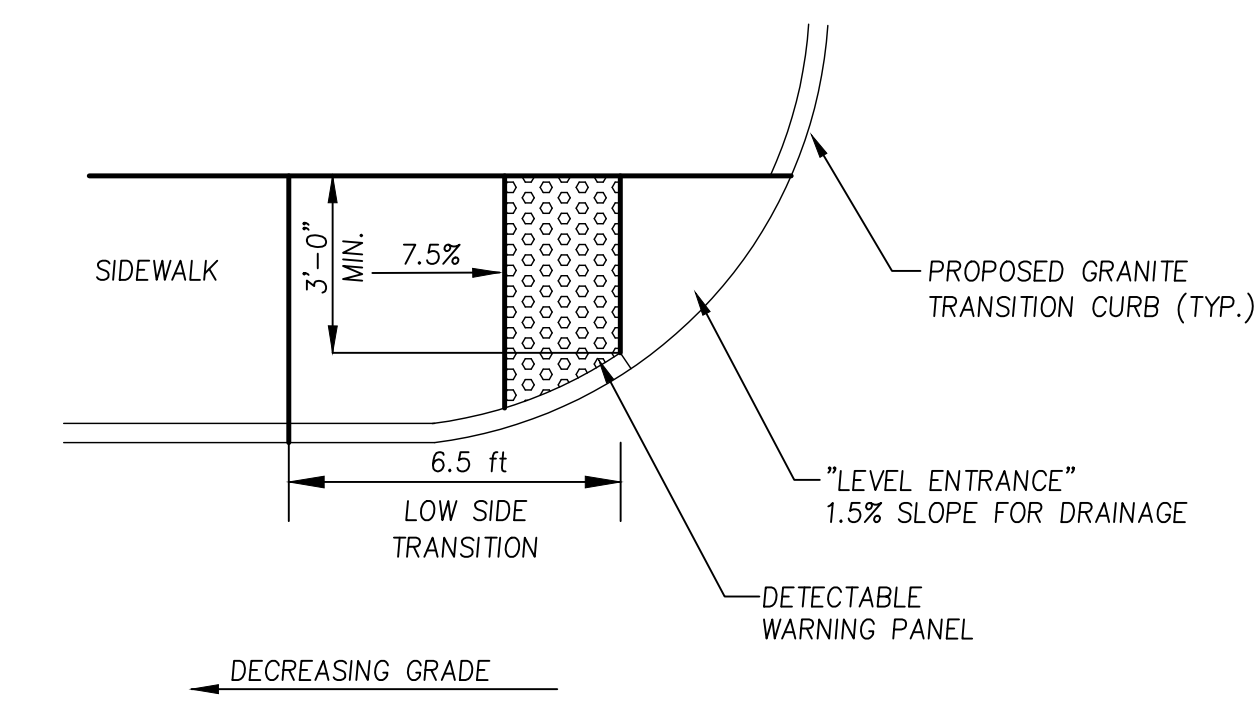
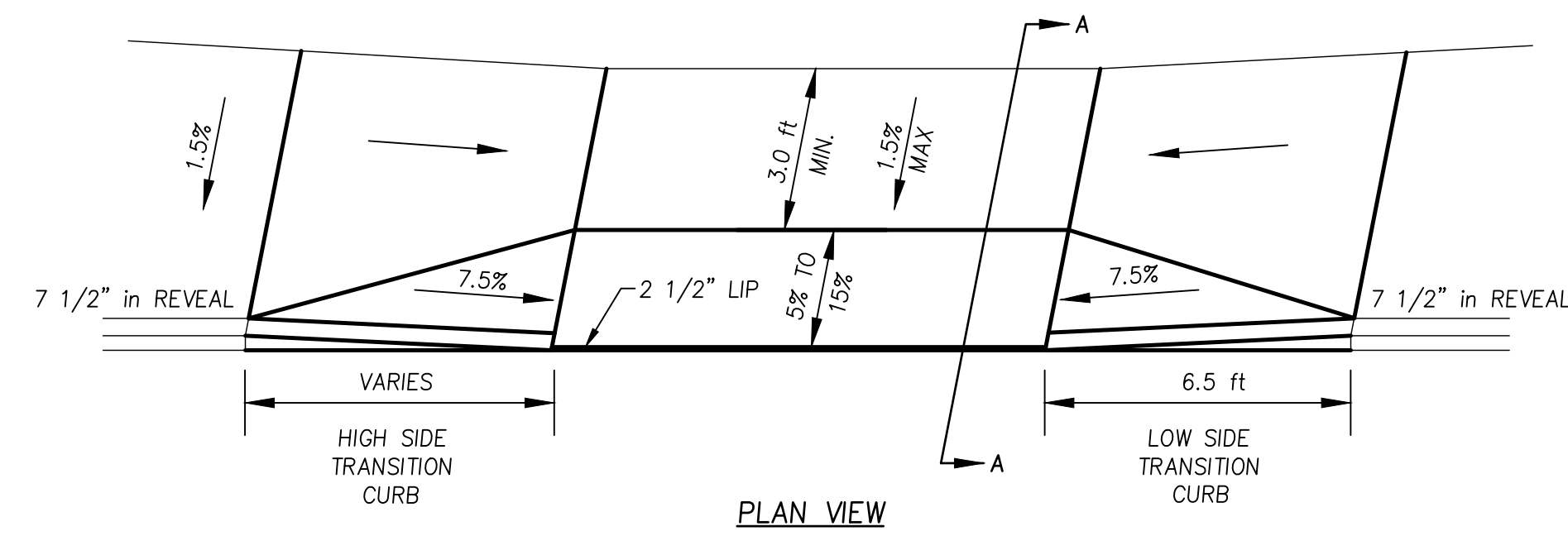
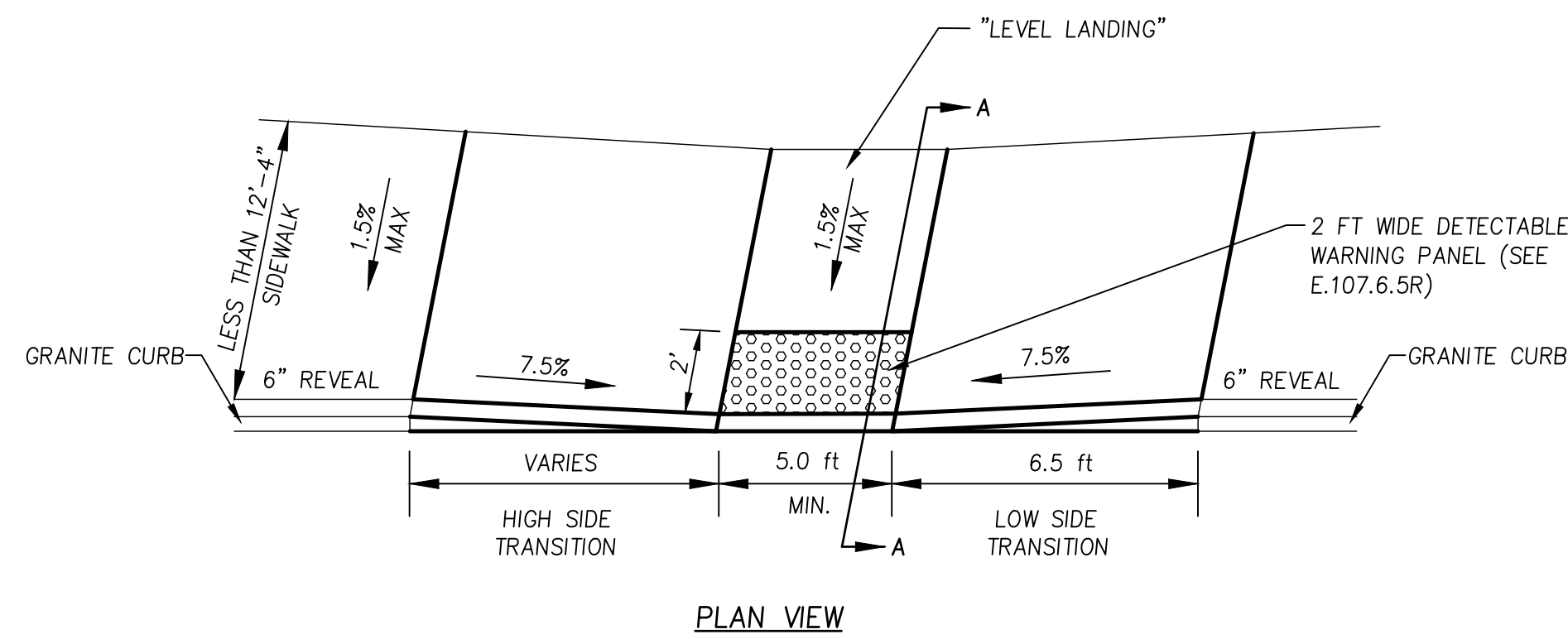
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ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

**PROPOSED INFRASTRUCTURE
IMPROVEMENTS PROJECT**
IN
SALISBURY, MA
AT
MEADERS LANE NEIGHBORHOOD (PHASE II)

COVER SHEET

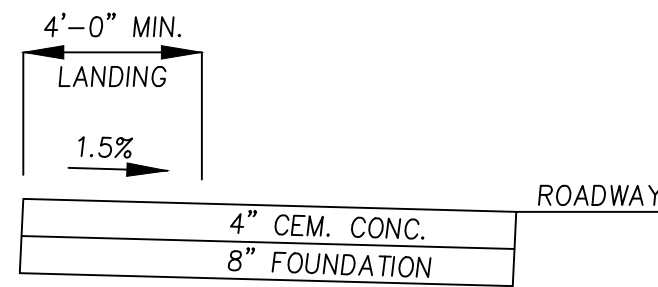
| NO. | DATE | DESCRIPTION | BY |
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| | | | |
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| | | |
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| SCALE: 1"=80' | CALC. BY: S.R.C. | PROJECT: M213907 |
| DATE: MARCH 2023 | CHKD. BY: B.E.M. | |



CEMENT CONCRETE WHEELCHAIR RAMP DETAIL N.T.S.

TEMPORARY TRENCH PATCH DETAIL N.T.S.

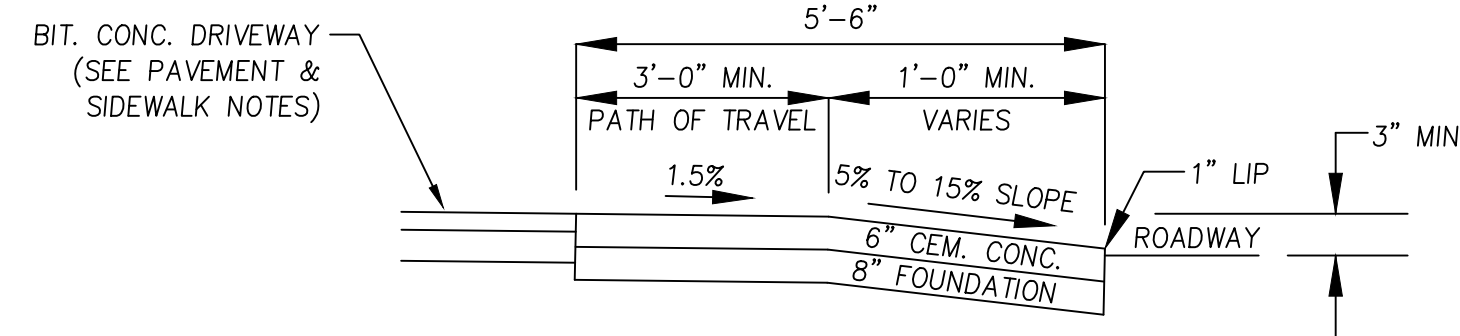


SECTION A-A

| ROADWAY PROFILE GRADE | HIGH SIDE TRANSITION LENGTH ROUNDED LENGTH 4" | ENGLISH UNITS |
|-----------------------|---|---------------|
| % | G | |
| 0 | 0.00 | 6'-6" |
| 1 | 0.01 | 7'-8" |
| 2 | 0.02 | 9'-0" |
| 3 | 0.03 | 11'-0" |
| 4 | 0.04 | 14'-0" |
| >4 | >0.04 | 15'-0" MAX |

- NOTES:**
- RAMP CROSS SECTION TO BE SAME AS SIDEWALK; I.E. DEPTH OF SURFACE AND FOUNDATION.
 - BASE OF RAMP SHALL MEET PAVEMENT GUTTER SUCH THAT THERE IS NO DIFFERENCE IN ELEVATION. RAMP SHALL BE CONSTRUCTED SUCH THAT WATER DOES NOT "PUDDLE" AT THE BASE OF THE RAMP.
 - THE PAVEMENT AT THE BASE OF THE RAMP SHALL BE PART OF THE CONTINUOUS TOP COURSE. THE USE OF A "PAVEMENT PATCH" TO COMPLY WITH THE CONDITIONS IN NOTE 2, ABOVE IS PROHIBITED.
 - RAMPS SHALL CONFORM TO MASS DOT WHEELCHAIR RAMP STANDARDS - LATEST REVISIONS.

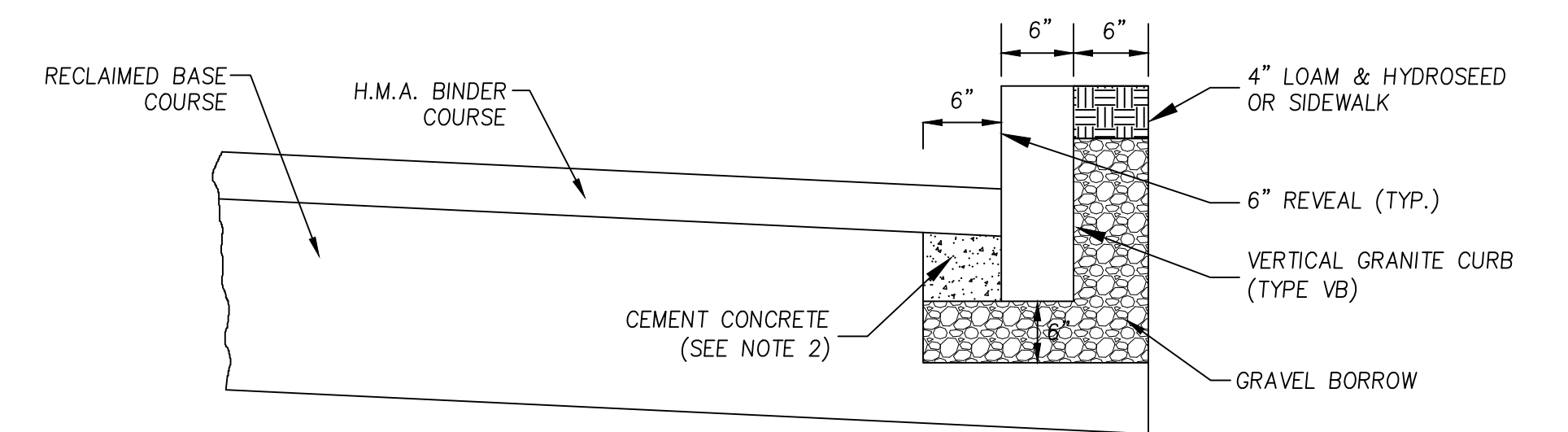
CEMENT CONCRETE WHEELCHAIR RAMP DETAIL (IF REQUIRED) N.T.S.



SECTION A-A

- NOTES:**
- DRIVEWAY REVEAL TO MATCH EXISTING AND/OR PROPOSED BACK OF SIDEWALK/DRIVEWAY GRADE. MINIMUM DRIVEWAY REVEAL SHALL BE 3", INCLUSIVE OF 1" LIP.

CEMENT CONCRETE DRIVEWAY RAMP DETAIL N.T.S.

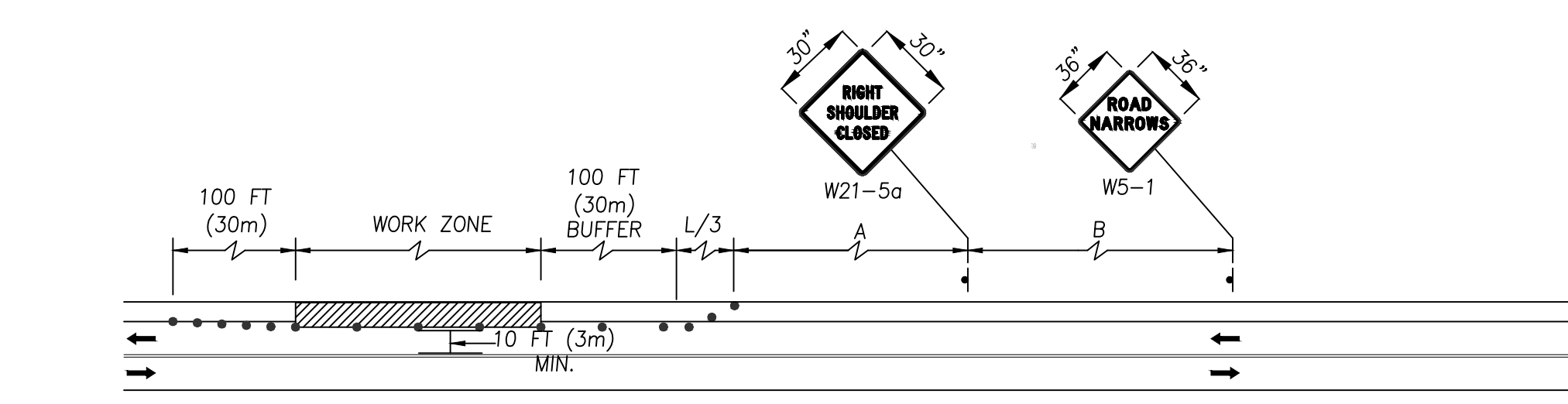


- NOTES:**
- CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH THE LATEST MASS DOT SPECS.
 - PAYMENT FOR CEMENT CONCRETE AND GRAVEL WILL BE INCLUDED IN THE PRICE PER FOOT FOR CURBING.

CURB INSTALLATION DETAIL N.T.S.

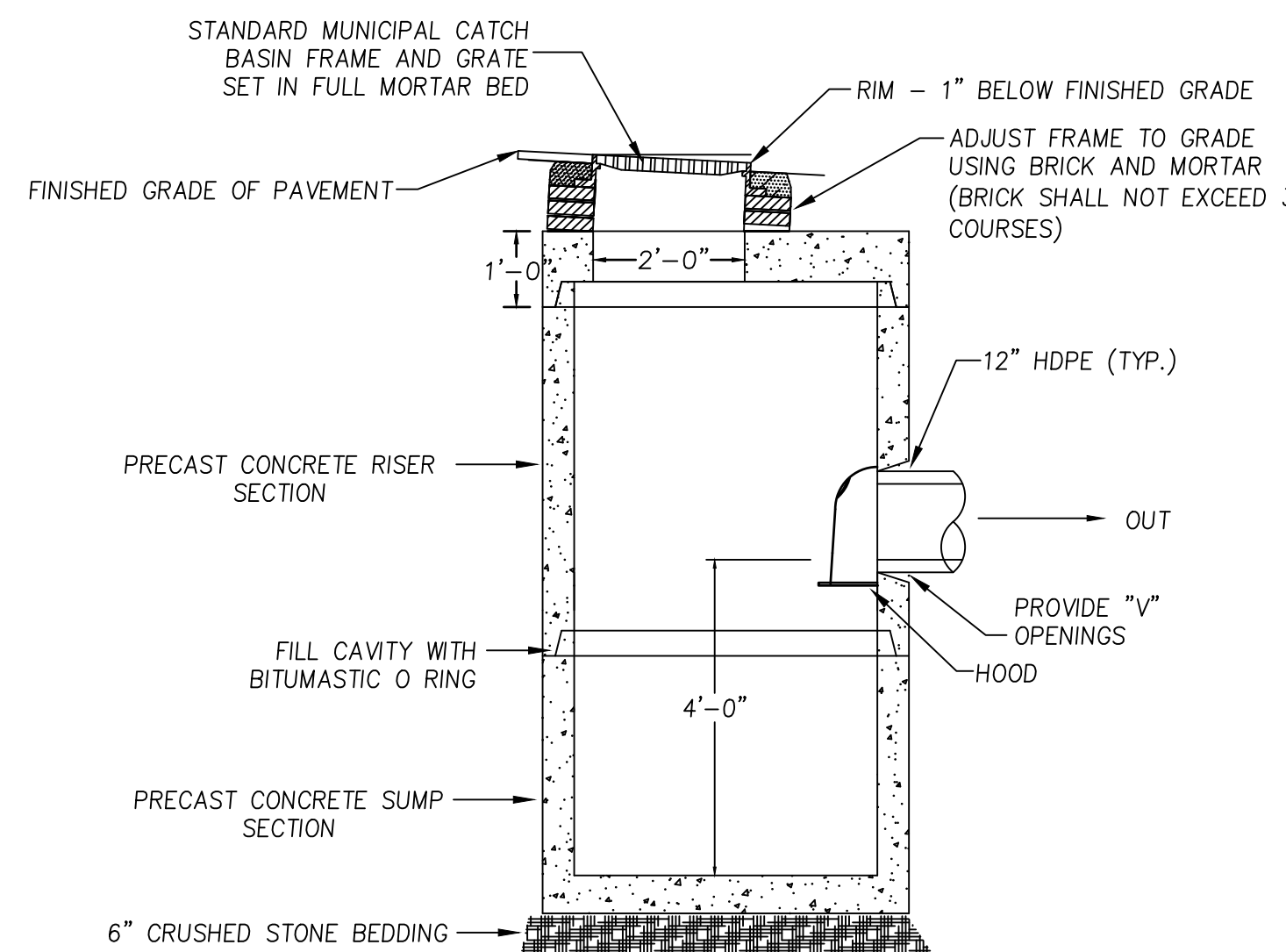


TWO LANE ROAD - ONE LANE ALTERNATING TRAFFIC WITH POLICE DETAIL



TWO LANE ROAD - SHOULDER CLOSED

TYPICAL TRAFFIC MANAGEMENT DETAILS N.T.S.

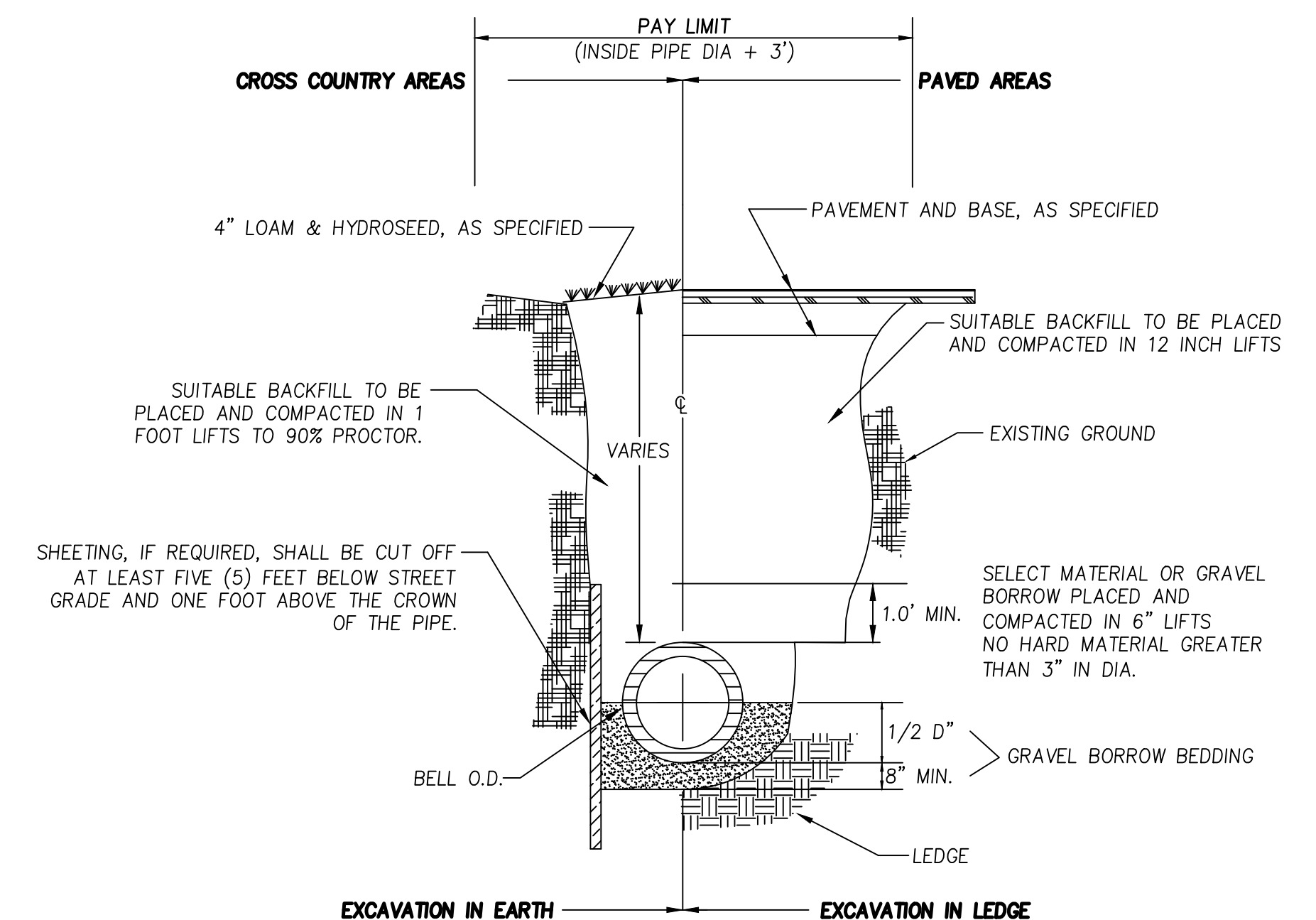


- NOTES:**
- CATCH BASINS SHALL CONFORM TO ASTM C478 AND ASTM C185
 - FLAT TOP STRUCTURES SHALL BE PRECAST SECTIONS AND HAVE A 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI REINFORCED FOR AASHTO H-20 LOADING.

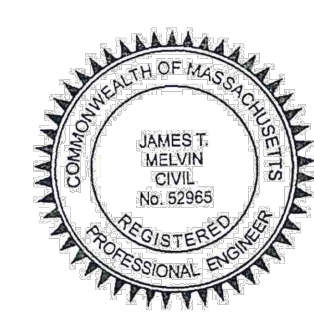
| DIAMETER | WALL THICKNESS | FLOOR THICKNESS |
|----------|----------------|-----------------|
| 4 FT** | 5 IN. | 6 IN. |
| 5 FT.** | 6 IN. | 7 IN. |
| 6 FT.** | 7 IN. | 8 IN. |

** APPLIES TO BOTH CTACH BASINS AND DRAIN MANHOLES.

PRECAST DEEP SUMP CATCH BASIN DETAIL N.T.S.



TYPICAL TRENCH DETAIL N.T.S.



PREPARED FOR
TOWN OF SALISBURY, MA
5 BEACH ROAD
SALISBURY, MA

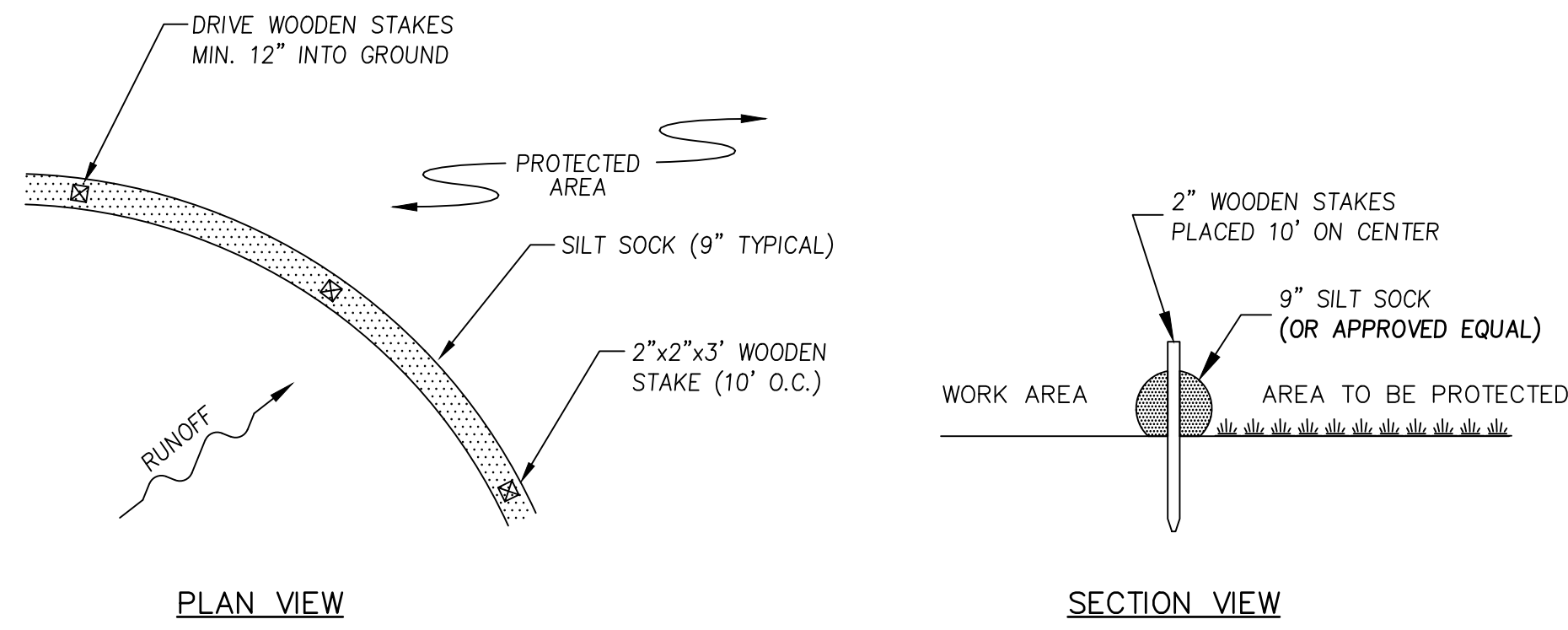
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PROPOSED INFRASTRUCTURE IMPROVEMENTS PROJECT
IN
SALISBURY, MA
AT
MEADERS LANE NEIGHBORHOOD (PHASE II)

CONSTRUCTION DETAILS

| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |

SCALE: AS NOTED
DATE: MARCH 2023
CALC. BY: S.R.C.
CHKD. BY: B.E.M.
PROJECT: M213907

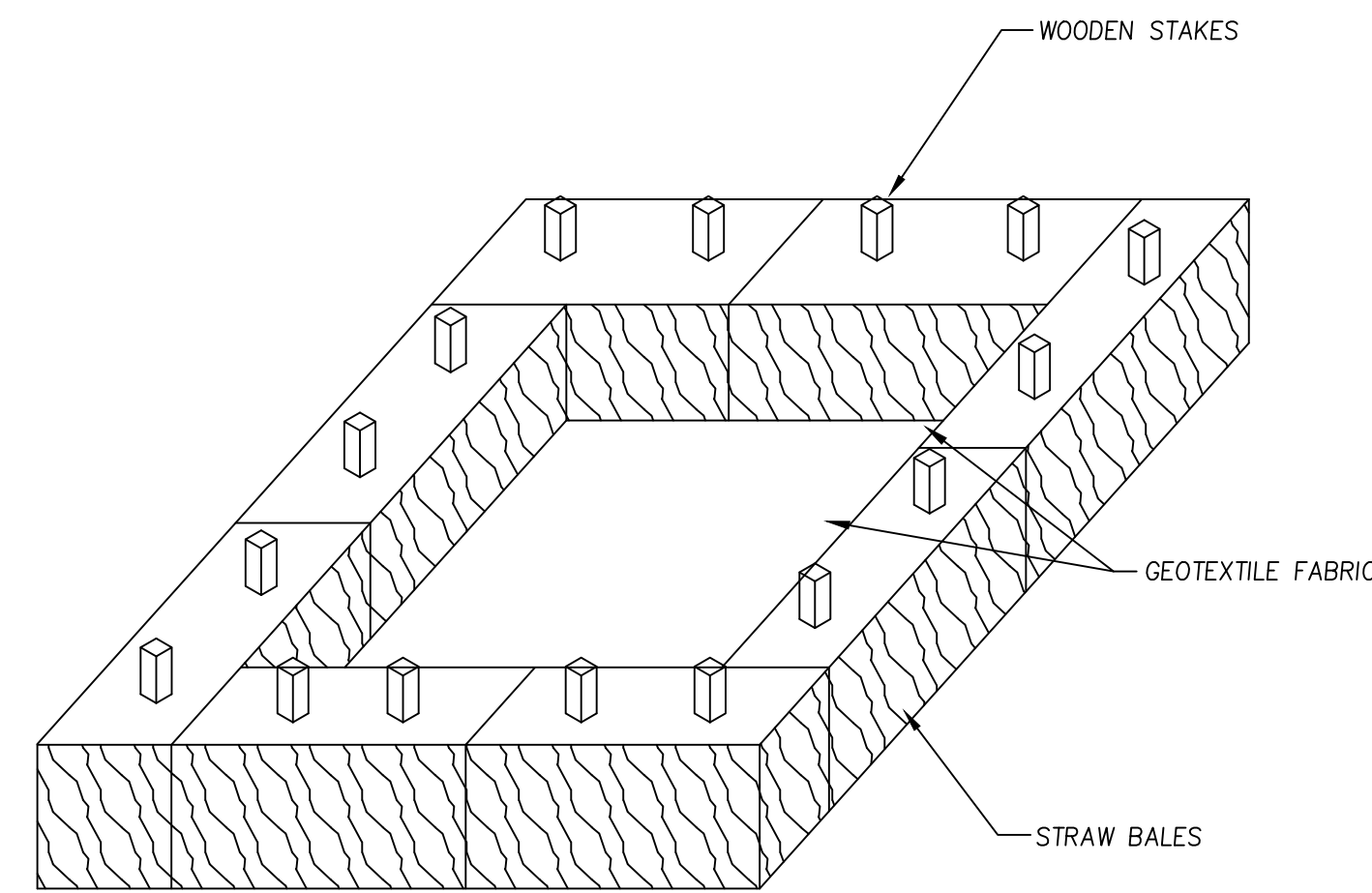


NOTES

1. ALL MATERIAL SHALL MEET SPECIFICATIONS BY FILTREXX OR APPROVED EQUAL.
2. SILT SOCK SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
3. THE CONTRACTOR SHALL REMOVE SEDIMENT AT THE BASE OF THE UPSLOPE SIDE OF THE SILT SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE SILT SOCK.
4. SILT SOCK SHALL BE MAINTAINED UNTIL DISTURBED AREA ABOVE THE DEVICE HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.
5. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE SOCK HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

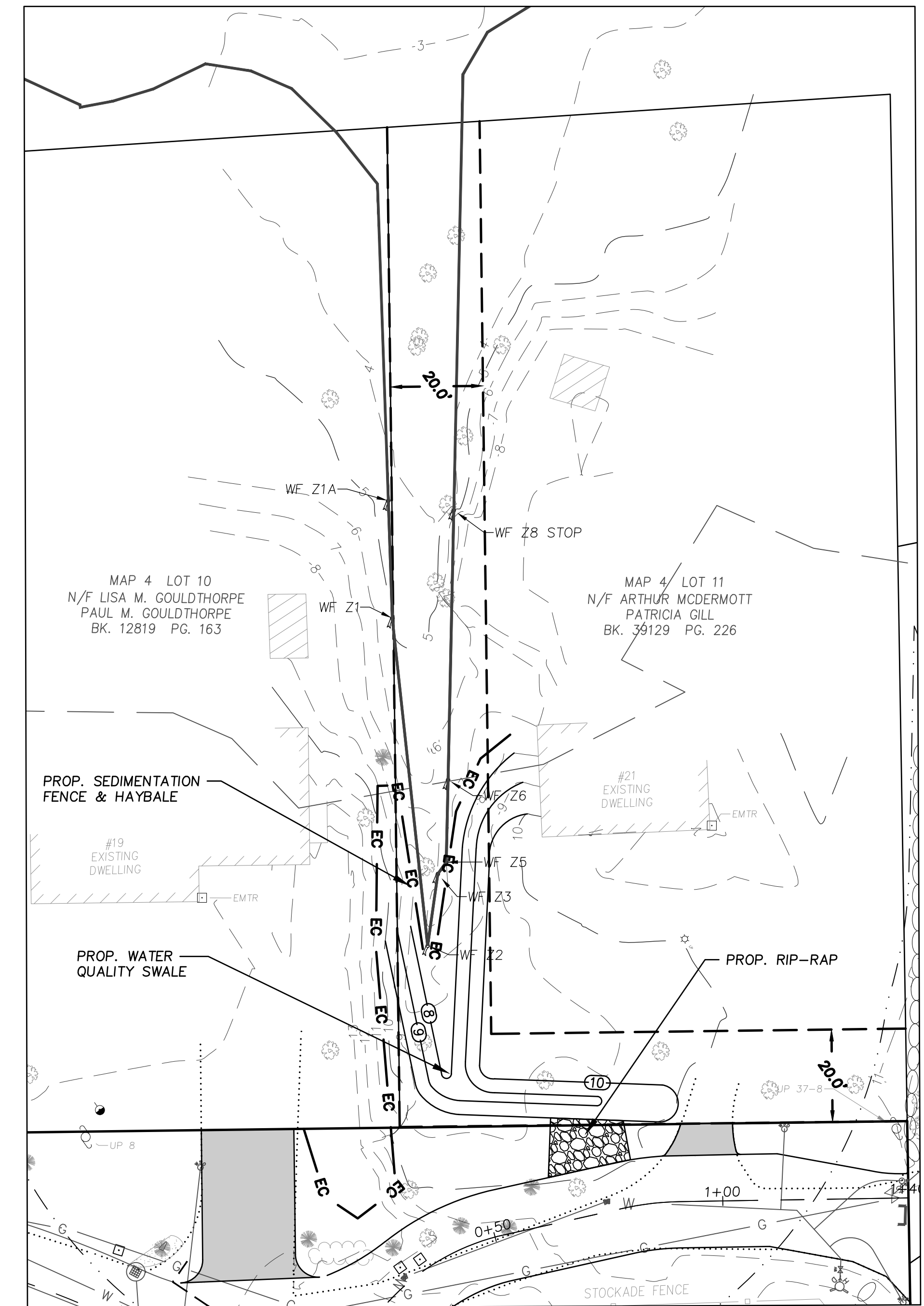
**SILT SOCK INSTALLATION
DETAIL**

N.T.S.



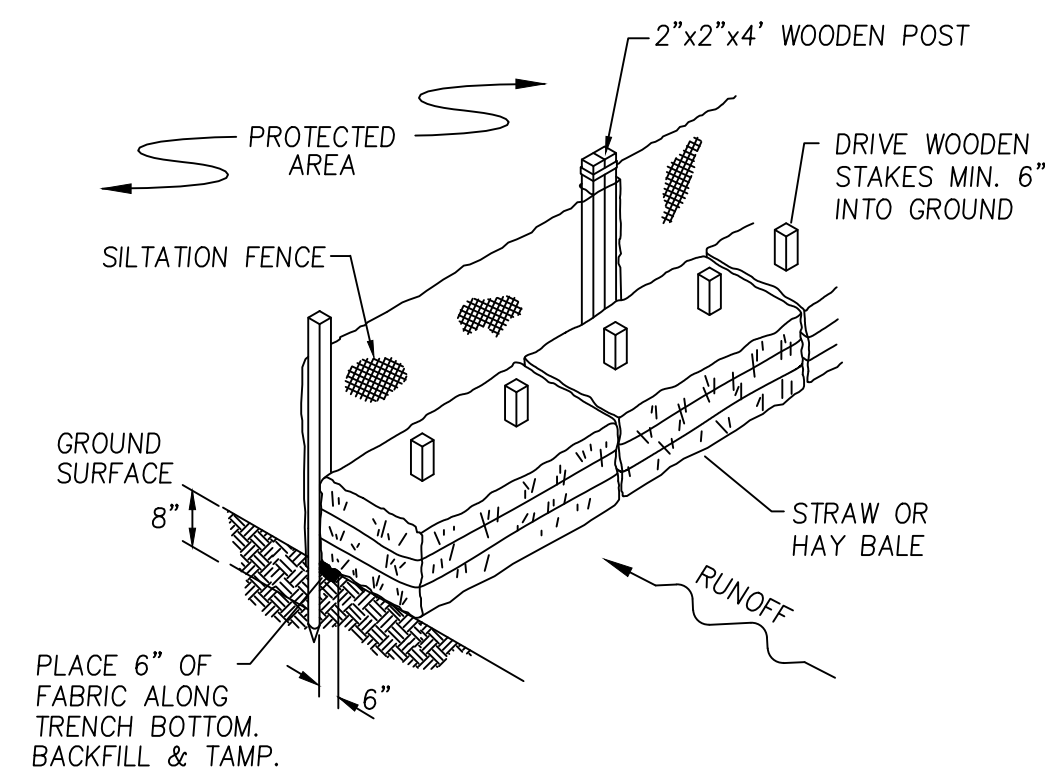
NOTES

1. GEOTEXTILE FABRIC SHALL LINE THE DEWATERING BASIN AND BE STAKED INTO THE HAYBALES.
2. DURING THE ACTIVE DEWATERING PROCESS, THE STRUCTURE SHALL BE INSPECTED FREQUENTLY (E.G. ONCE PER HOUR).
3. SEDIMENT BUILDUP SHOULD BE REMOVED PERIODICALLY TO ENSURE THAT THE STRUCTURE'S ABILITY TO EFFECTIVELY FILTER SEDIMENT IS MAINTAINED.
4. ALL DEWATERING ACTIVITIES SHALL OCCUR OUTSIDE THE 100-FOOT WETLAND BUFFER ZONE.
5. THIS IS A TYPICAL DETAIL FOR TREATMENT OF GROUNDWATER REMOVED FROM EXCAVATIONS. THE CONTRACTOR SHALL USE THIS DETAIL OR OTHER APPROVED MEANS TO REMOVE SEDIMENT DURING DEWATERING ACTIVITIES.



**MEADERS EXTENSION SWALE
DETAIL**

SCALE: 1"=20'



NOTES

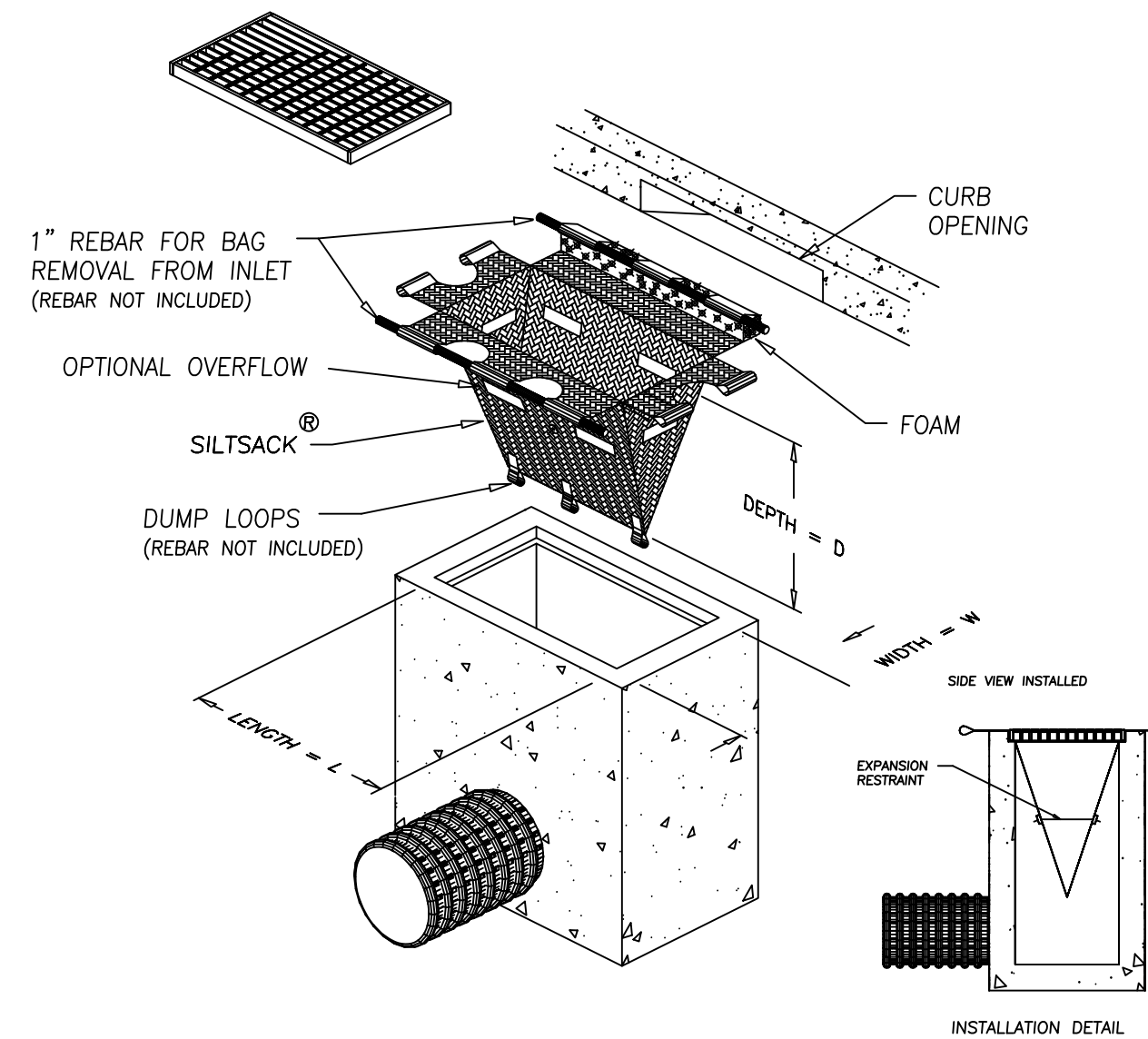
1. POSTS SHALL BE DOUBLED AND COUPLED AT FILTER CLOTH SEAMS.
2. FILTER CLOTH TO BE FASTENED SECURELY TO SUPPORT NETTING WITH TIES SPACED EVERY 24" AT TOP, MID SECTION, AND BOTTOM.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED AND STAPLED.
4. TUBULAR SILTATION BARRIERS (MIN. 8" DIA) MAY BE SUBSTITUTED FOR SEDIMENTATION FENCE AND HAYBALES AS SHOWN ABOVE. PAYMENT FOR TUBULAR SILTATION BARRIER WILL BE PAID AT THE CONTRACT UNIT PRICE BID FOR ITEM 697 SEDIMENTATION FENCE, ONLY.

MAINTENANCE

1. SILT FENCE SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC ON THE SILT FENCE SHALL DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHALL BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

**SEDIMENTATION FENCE/
HAYBALE INSTALLATION**

N.T.S.

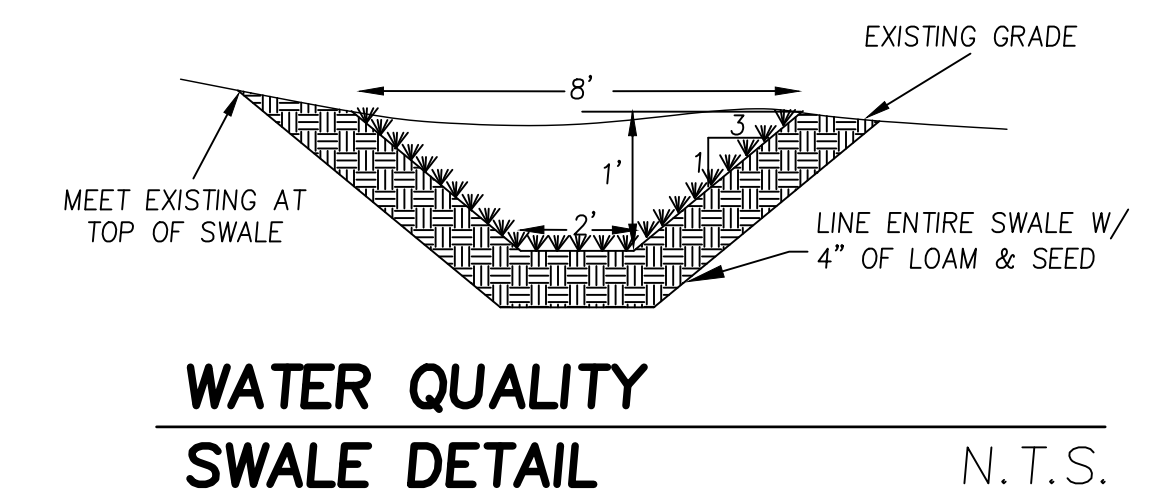


NOTES

1. TO INSTALL SILTSACK IN THE CATCH BASIN, REMOVE THE GRATE AND PLACE THE SACK IN THE OPENING. HOLD APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME. THIS IS THE AREA OF THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE.
2. WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, SILTSACK IS FULL AND SHOULD BE EMPTIED.
3. TO REMOVE SILTSACK, TAKE TWO PIECES OF 1" DIAMETER REBAR AND PLACE THROUGH THE LIFTING LOOPS ON EACH SIDE OF THE SACK TO FACILITATE THE LIFTING OF SILTSACK.
4. TO EMPTY SILTSACK, PLACE UNIT WHERE THE CONTENTS WILL BE COLLECTED. PLACE THE REBAR THROUGH THE LIFT STRAPS (CONNECTED TO THE BOTTOM OF THE SACK) AND LIFT. THIS WILL LIFT SILTSACK FROM THE BOTTOM AND EMPTY THE CONTENTS. CLEAN OUT AND RINSE. RETURN SILTSACK TO ITS ORIGINAL SHAPE AND PLACE BACK IN THE BASIN.
5. SILTSACK IS REUSABLE. ONCE THE CONSTRUCTION CYCLE IS COMPLETE, REMOVE SILTSACK FROM THE BASIN AND CLEAN. SILTSACK SHOULD BE STORED OUT OF SUNLIGHT UNTIL NEXT USE.

**SILT SACK
DETAIL**

N.T.S.



**WATER QUALITY
SWALE DETAIL**

N.T.S.



PREPARED FOR
TOWN OF SALISBURY, MA
5 BEACH ROAD
SALISBURY, MA

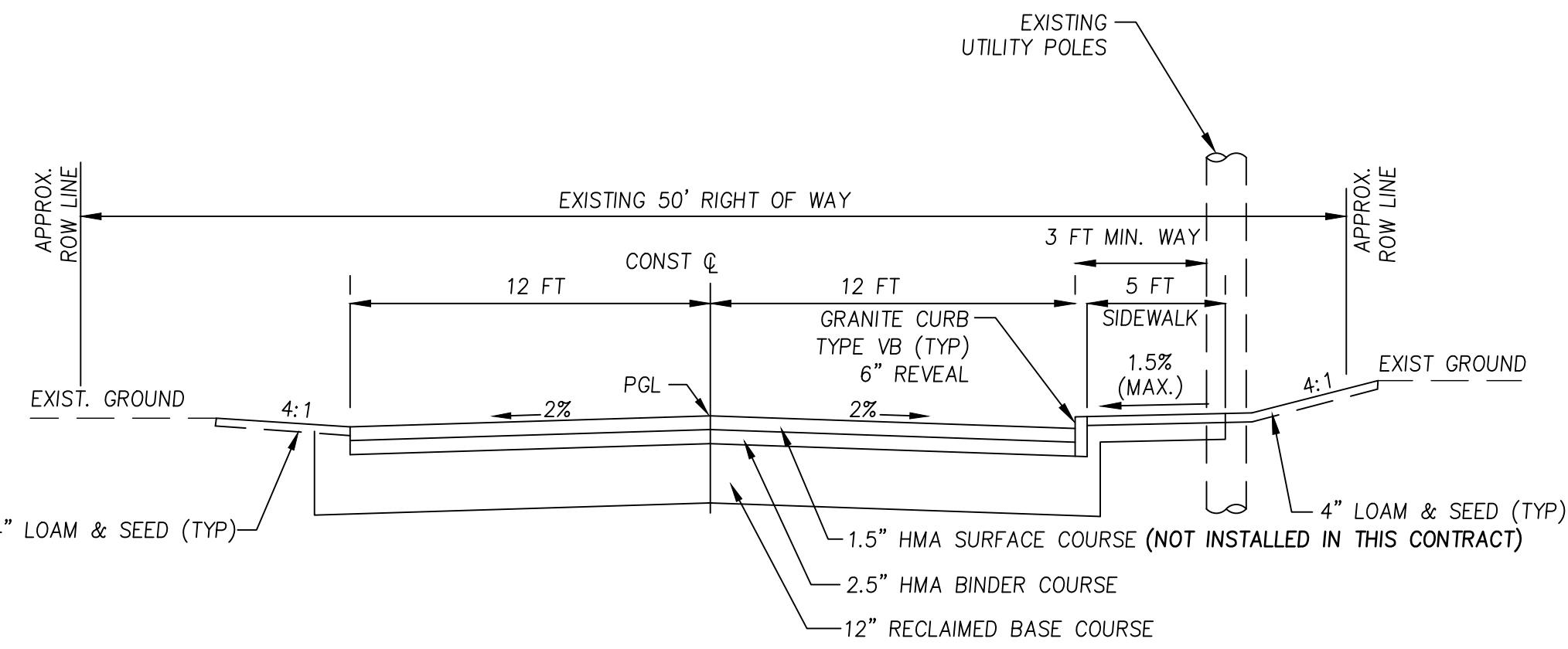
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**PROPOSED INFRASTRUCTURE
IMPROVEMENTS PROJECT**
IN
SALISBURY, MA
AT
MEADERS LANE NEIGHBORHOOD (PHASE II)

CONSTRUCTION
DETAILS

| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |
| | | | |

SCALE: AS NOTED CALC. BY: S.R.C.
DATE: MARCH 2023 CHKD. BY: B.E.M. PROJECT: M213907



TYPICAL ROADWAY CROSS-SECTION

N.T.S.

PAVEMENT & SIDEWALK NOTES:

- FULL DEPTH RECONSTRUCTION**
 SURFACE: 1.5" HOT MIX ASPHALT PLACED IN ONE LAYER – TOP COURSE (NOT INSTALLED IN THIS CONTRACT)
 2.5" HOT MIX ASPHALT PLACED IN ONE LAYER – BINDER COURSE
 FOUNDATION: 12" RECLAIMED BASE COURSE

- CEMENT CONCRETE SIDEWALKS AND WHEELCHAIR RAMPS**
 SURFACE: 4" CEMENT CONCRETE
 FOUNDATION: 8" GRAVEL BORROW

- CEMENT CONCRETE SIDEWALKS AT DRIVEWAYS**
 SURFACE: 6" CEMENT CONCRETE
 FOUNDATION: 8" GRAVEL BORROW

- HOT MIX ASPHALT SIDEWALKS**
 SURFACE: 1" HOT MIX ASPHALT PLACED IN ONE LAYER – TOP COURSE
 2" HOT MIX ASPHALT PLACED IN ONE LAYER – BINDER COURSE
 FOUNDATION: 8" GRAVEL BORROW

- HOT MIX ASPHALT DRIVEWAYS**
 SURFACE: 1.5" HOT MIX ASPHALT PLACED IN ONE LAYER – TOP COURSE
 2" HOT MIX ASPHALT PLACED IN ONE LAYER – BINDER COURSE
 FOUNDATION: 8" GRAVEL BORROW

GENERAL NOTES

- LOCATION OF ALL UTILITIES AND SUBSURFACE STRUCTURES ARE FROM SURVEY AND RECORDS OF THE TOWN OR PRIVATE UTILITY COMPANIES AND ARE CONSIDERED APPROXIMATE BOTH AS TO THE SIZE AND LOCATION, AND ARE INDICATED ON THESE DRAWINGS TO GIVE BIDDERS A GENERAL IDEA OF THE EXISTING CONDITIONS TO BE INVESTIGATED. IT IS UNDERSTOOD AND AGREED THAT EACH BIDDER WILL NOT RELY ON THESE DRAWINGS FOR SUCH INFORMATION, BUT THAT EACH BIDDER SHALL MAKE EXAMINATIONS IN THE FIELD AND BY VARIOUS AVAILABLE RECORDS, UTILITY CORPORATIONS AND INDIVIDUALS AS TO THE LOCATION OF ALL SUBSURFACE STRUCTURES.
- ALL ELEVATIONS BASED ON N.A.V.D. OF 1988. SURVEY PERFORMED BY MILLENNIUM ENGINEERING, INC., IN MARCH 2021.
- PEDESTRIAN AND VEHICLE ACCESS TO ABUTTING PREMISES MUST BE MAINTAINED IN A SAFE CONDITION AT ALL TIMES.
- EXISTING PAVEMENTS AND/OR SIDEWALKS SHALL BE SAWCUT WHERE THEY MEET PROPOSED SURFACE TREATMENTS. CUTS SHALL BE SMOOTH AND STRAIGHT. WHERE NEW HOT MIX ASPHALT MEETS EXISTING HOT MIX ASPHALT SURFACES, SAW CUT EDGES ARE TO BE SEALED WITH BITUMEN AND BACKSANDDED. PAYMENT FOR SAWCUTS, BITUMEN, BACKSANDING SHALL BE INCIDENTAL TO THE VARIOUS ITEMS INCLUDED IN THIS CONTRACT.
- AREAS OUTSIDE THE LIMITS OF WORK DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE EXPENSE OF THE CONTRACTOR.
- ALL TOWN OWNED UTILITY STRUCTURES INCLUDING MANHOLES, CATCH BASINS, AND GATE BOXES SHALL BE ADJUSTED OR REMODELED TO FINISH GRADE BY THE CONTRACTOR, AS REQUIRED. ALL PRIVATELY OWNED STRUCTURES SHALL BE ADJUSTED OR REMODELED BY THE OWNER. THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES TO PERFORM THE WORK.
- LIMITS OF WORK HAVE BEEN SET ON THE PLANS, HOWEVER THESE MAY BE EXTENDED OR REDUCED AT THE DISCRETION OF THE TOWN TO MEET FIELD CONDITIONS.
- THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH NEW WORK. THE CONTRACTOR SHALL EXCAVATE TO VERIFY PERTINENT DRAINAGE INVERTS AND POTENTIAL UTILITY CONFLICTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE TOWN IMMEDIATELY.
- ALL EXISTING SURFACE, I.E. CEMENT CONCRETE, BITUMINOUS CONCRETE PAVEMENT, BRICK, ETC. SHALL BE COMPLETELY REMOVED FROM AREAS OF PROPOSED WORK INCLUDING PROPOSED PLANTING AREAS.
- THE CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR ALL CONSTRUCTION SIGNING, SAFETY SIGNING, BARRIERS AND OTHER TRAFFIC MANAGEMENT DEVICES NECESSARY TO PROVIDE A SMOOTH, SAFE AND PROPER TRANSITION FOR PEDESTRIAN AND VEHICULAR TRAFFIC.
- IF REQUIRED BY THE CONTRACTOR, OVERHEAD LINES SHALL BE RELOCATED BY THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.
- LOCATIONS OF PROPOSED SIGNS, MAILBOXES, ETC. ARE APPROXIMATE ONLY; THE EXACT LOCATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ALL CEMENT CONCRETE SUBBASE SURFACES SHALL BE TREATED WITH A BITUMEN TACK COAT PRIOR TO THE APPLICATION OF A HOT MIX ASPHALT MATERIAL OVER CEMENT CONCRETE.
- R.O.W. LINES PRESENTED ARE APPROXIMATE ONLY. THE TOWN OF SALISBURY SHALL SECURE RIGHT OF ENTRIES FROM ABUTTERS IMPACTED BY THE WORK.
- ALL STOCKPILING LOCATIONS WILL BE WITHIN THE ROADS R.O.W. AND OUTSIDE OF THE 100' BUFFERS. ANY STOCKPILES LEFT ONSITE WILL BE USED DAILY. LARGER STOCK PILES NOT BEING USED SHALL BE HAULED OFFSITE.

GENERAL SYMBOLS

EXISTING PROPOSED

| | | |
|--|------------------------|--|
| | CB | CATCH BASIN (OR GUTTER INLET, OR LEACHING BASIN) |
| | CB CI (OR GICI) | CATCH BASIN (OR GUTTER INLET) WITH CURVED INLET |
| | | CURB (OR BERM) – TYPE NOTED |
| | | EDGE OF ROAD |
| | | ELECTRIC HANDHOLE (NUMBER AS NOTED) |
| | | ELECTRIC MANHOLE |
| | | TELEPHONE MANHOLE |
| | | SEWER MANHOLE |
| | | DRAINAGE MANHOLE |
| | | GAS GATE |
| | | WATER GATE |
| | | CURB STOP |
| | | HYDRANT |
| | | STREET LIGHT |
| | | UTILITY POLE |
| | GUY | GUY POLE |
| | MB | MAIL BOX |
| | D | DRAIN PIPE |
| | S | SEWER MAIN |
| | E | ELECTRIC DUCT |
| | G | GAS MAIN |
| | W | WATER MAIN |
| | T | TELEPHONE DUCT |
| | X | FENCE |
| | | CITY, TOWN, OR COUNTY LAYOUT |
| | | EASEMENT LINE |
| | | PROPERTY LINE |
| | | LIMIT OF GRADING |
| | | WHEELCHAIR RAMP (WCR) |
| | | BITUMINOUS CONC. SIDEWALK |
| | | BASE OR SURVEY LINE |
| | | CONSTRUCTION BASELINE |
| | | TREE (SIZE AND TYPE NOTED) |

UTILITIES

| | |
|-------|--------------------------------|
| F & G | FRAME AND GRATE |
| F & C | FRAME AND COVER |
| HDPE | REINFORCED CONCRETE PIPE |
| VC | VITRIFIED CLAY PIPE |
| PVC | POLYVINYL CHLORIDE PIPE |
| HDPE | HIGH DENSITY POLYETHYLENE PIPE |
| CIP | CAST IRON PIPE |
| DIP | DUCTILE IRON PIPE |
| CMP | CORRUGATED METAL PIPE |
| CB | CATCH BASIN |
| GI | GUTTER INLET |
| CI | CURB INLET |
| MH | MANHOLE |
| HYD | HYDRANT |
| INV | INVERT ELEVATION |
| UP | UTILITY POLE |

SURVEY

| | | |
|--|--------|--------------------------|
| | C.B. | CONCRETE BOUND |
| | S.B. | STONE BOUND |
| | D.H. | DRILL HOLE |
| | PK | MASONRY NAIL |
| | I.P. | IRON PIPE |
| | I ROD | IRON ROD |
| | FND. | FOUND |
| | N/FND. | NOT FOUND |
| | | ASSESSORS MAP AND PARCEL |

GENERAL

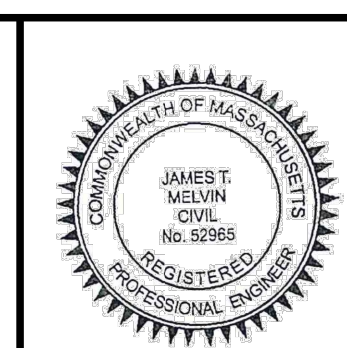
| | |
|---------|--------------------------|
| PROP | PROPOSED |
| MIN | MINIMUM |
| MAX | MAXIMUM |
| RET | RETAIN |
| REM | REMOVE |
| REMOD | REMODEL |
| ABAN | ABANDON |
| ADJ | ADJUST |
| EXIST | EXISTING |
| R & R | REMOVE AND RESET |
| R & S | REMOVE AND STACK |
| FND | FOUNDATION |
| ELEV | ELEVATION |
| ROW | RIGHT OF WAY |
| NIC | NOT IN CONTRACT |
| NTS | NOT TO SCALE |
| TYP | TYPICAL |
| APPROX. | APPROXIMATE |
| CEM. | CEMENT |
| BIT. | BITUMINOUS |
| CONC. | CONCRETE |
| H.M.A. | HOT MIX ASPHALT |
| SW | SIDEWALK |
| DR | DRIVEWAY |
| CW | CROSS WALK |
| SL | STOP LINE |
| R | RIM |
| SYCL | SOLID YELLOW CENTER LINE |
| SWEL | SINGLE WHITE EDGE LINE |
| R/L | RADIUS/LENGTH |
| FT | FLAT TOP |

| COORDINATES OF CONSTRUCTION CENTERLINE – MEADERS LANE | | | | |
|---|----------|---|--------------|-------------|
| POINT | STA | RADIUS/ LENGTH OR LENGTH/BEARING | NORTHING | EASTING |
| BEGIN | 0+00.00 | | 3131741.7428 | 829734.2471 |
| | | N34° 57' 13.89"E 903.855 | | |
| PC | 9+03.86 | | 3132482.5551 | 830252.0809 |
| | | N58° 09' 03.89"E 170.045 210.000 046°23'40" | | |
| PT | 10+73.90 | | 3132569.8530 | 830392.6100 |
| | | N81° 20' 53.89"E 669.727 | | |
| END | 17+43.63 | | 3132670.5983 | 831054.7162 |

| COORDINATES OF CONSTRUCTION CENTERLINE – GOVE LANE | | | | |
|--|---------|----------------------------------|--------------|-------------|
| POINT | STA | RADIUS/ LENGTH OR LENGTH/BEARING | NORTHING | EASTING |
| BEGIN | 0+00.00 | | 3132500.9456 | 830266.5245 |
| | | S54° 59' 16.65"E 404.827 | | |
| END | 4+04.83 | | 3132268.6767 | 830598.0904 |

| COORDINATES OF CONSTRUCTION CENTERLINE – SANDY LANE | | | | |
|---|---------|--|--------------|-------------|
| POINT | STA | RADIUS/ LENGTH OR LENGTH/BEARING | NORTHING | EASTING |
| BEGIN | 0+00.00 | | 3132105.3310 | 829988.3767 |
| | | S55° 32' 01.64"E 208.233 | | |
| PC | 2+08.23 | | 3131987.4876 | 830160.0567 |
| | | S62° 02' 23.87"E 45.367 199.758 013°00'44" | | |
| PT | 2+53.60 | | 3131966.2628 | 830200.0420 |
| | | S68° 32' 46.11"E 144.529 | | |
| PC | 3+98.13 | | 3131913.4011 | 830334.5569 |
| | | N63° 51' 03.89"E 78.098 47.000 095°12'20" | | |
| PT | 4+76.23 | | 3131943.9939 | 830396.8700 |
| | | N16° 14' 53.89"E 73.799 | | |
| END | 5+50.03 | | 3132014.8449 | 830417.5189 |

| COORDINATES OF CONSTRUCTION CENTERLINE – SHORT LANE | | | | |
|---|---------|---|--------------|-------------|
| POINT | STA | RADIUS/ LENGTH OR LENGTH/BEARING | NORTHING | EASTING |
| BEGIN | 0+00.00 | | 3132300.3757 | 830124.7360 |
| | | S55° 32' 46.11"E 354.669 | | |
| PC | 3+54.67 | | 3132099.7242 | 830417.1900 |
| | | S19° 38' 56.11"E 43.857 35.000 071°47'40" | | |
| PT | 3+98.53 | | 3132061.0708 | 830430.9910 |
| | | S16° 14' 53.89"W 48.149 | | |
| END | 4+46.68 | | 3132014.8449 | 830417.5189 |



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 5 BEACH ROAD
 SALISBURY, MA

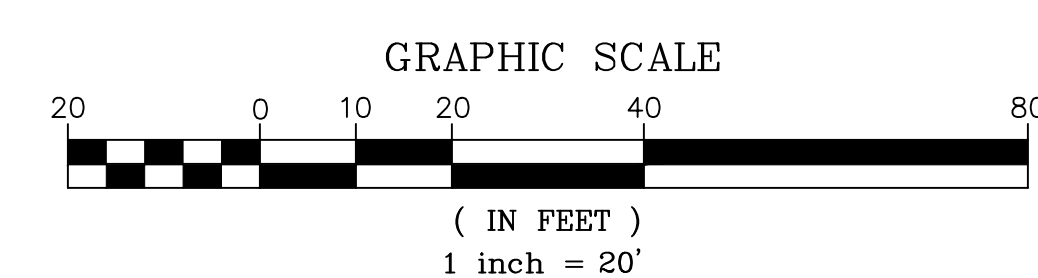
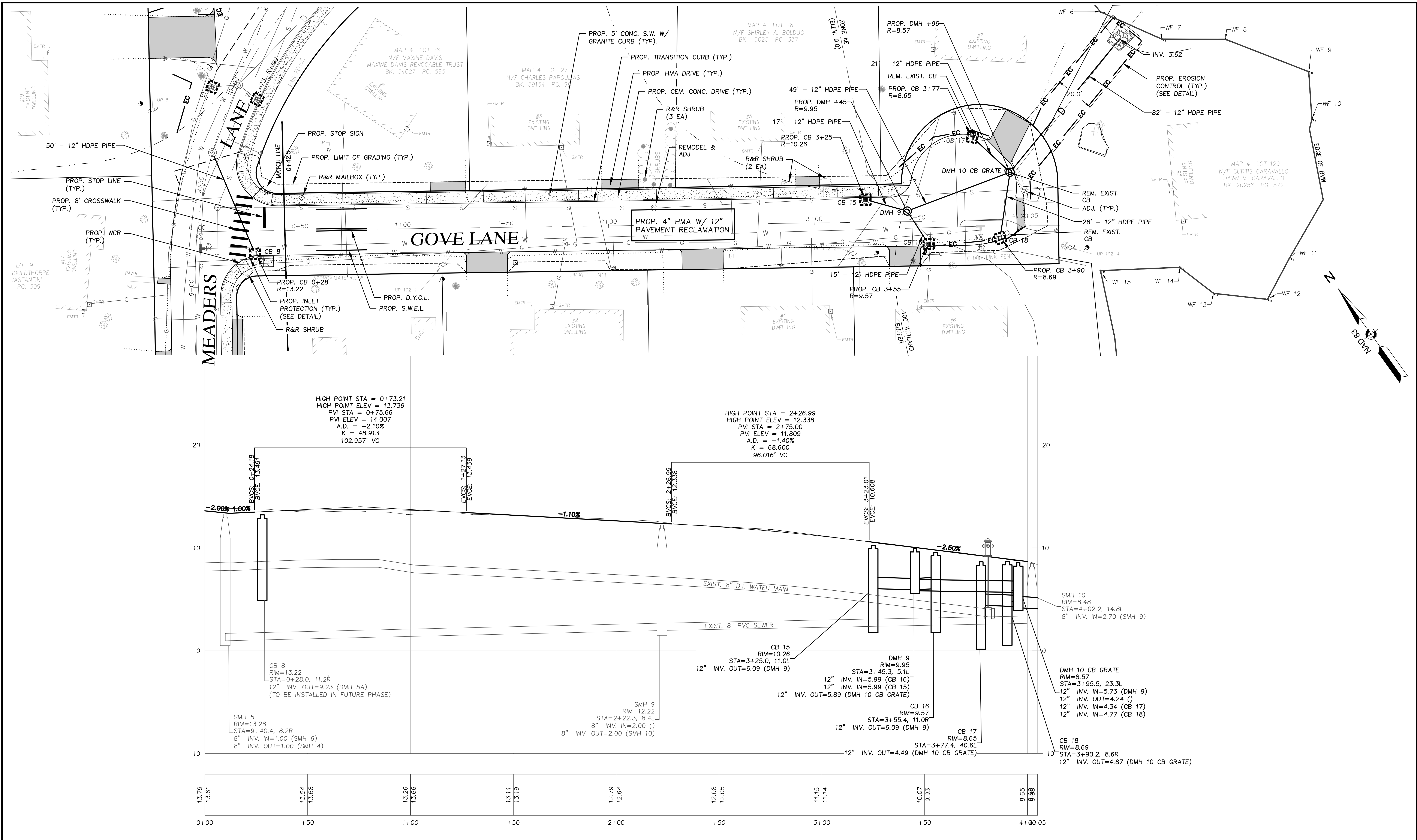
MILLENNIUM ENGINEERING, INC.
 ENGINEERING AND LAND SURVEYING
 62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
 13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: AS NOTED CALC. BY: S.R.C.
 DATE: MARCH 2023 CHKD. BY: B.E.M. PROJECT: M213907

PROPOSED INFRASTRUCTURE IMPROVEMENTS PROJECT
 IN
SALISBURY, MA
 AT
MEADERS LANE NEIGHBORHOOD (PHASE II)

GENERAL NOTES, LEGEND, AND TYPICAL SECTION
 SHEET: 2 OF 6

| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |



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SCALE: 1"=20'
 DATE: MARCH 2023

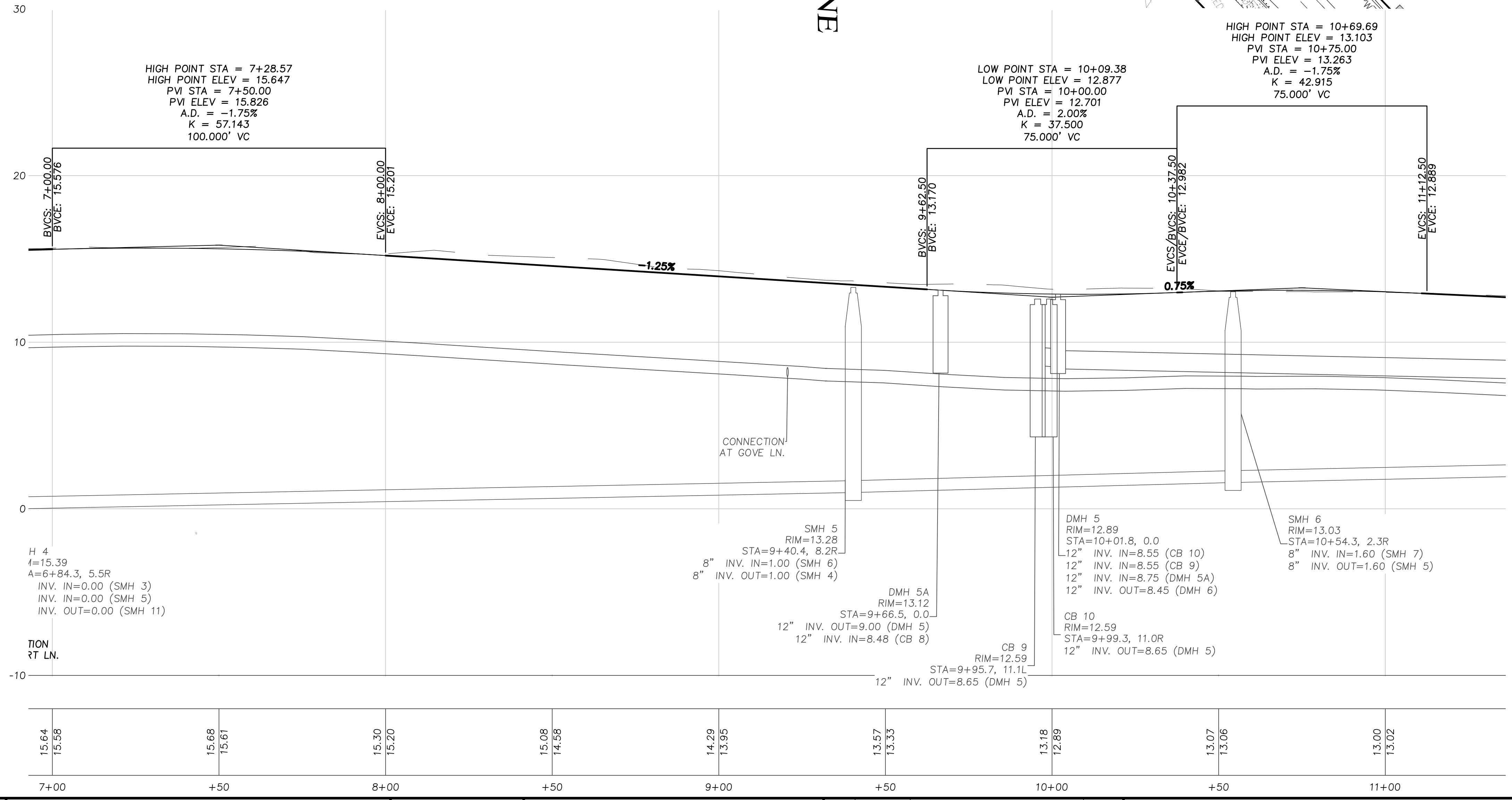
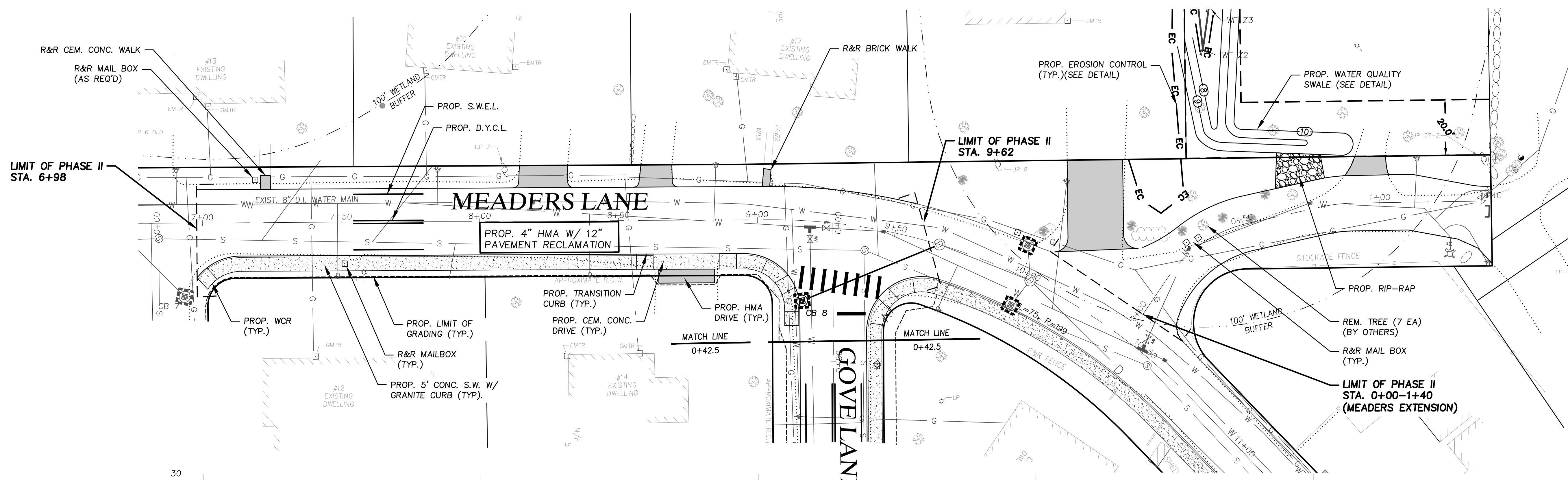
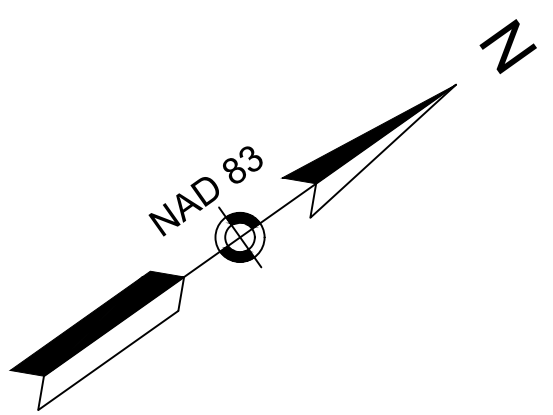
CALC. BY: S.R.C.
 CHKD. BY: B.E.M.

PROJECT: M213907

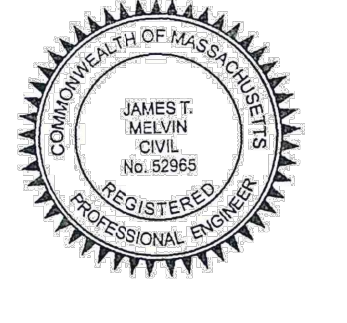
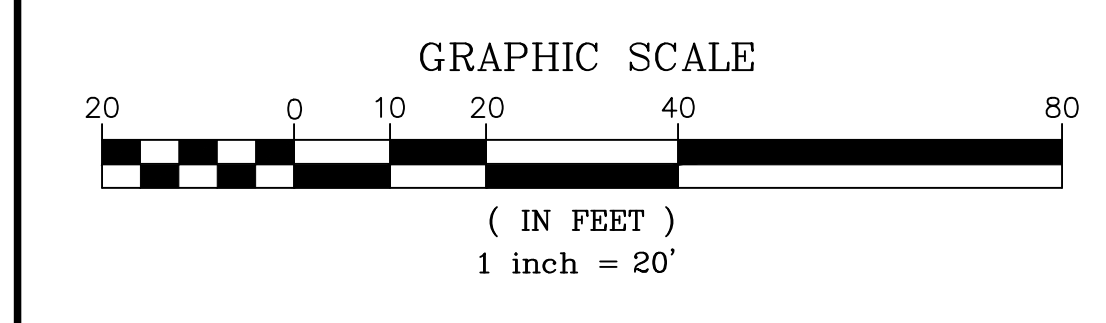
PROPOSED INFRASTRUCTURE IMPROVEMENTS PROJECT
 IN
SALISBURY, MA
 AT
MEADERS LANE NEIGHBORHOOD (PHASE II)

GENERAL CONSTRUCTION PLAN & PROFILE
 SHEET: 5 OF 6

| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |
| | | | |



| STATION | ELEVATION (FEET) |
|---------|------------------|
| 7+00 | 15.64 |
| 7+00 | 15.58 |
| 7+50 | 15.68 |
| 7+50 | 15.61 |
| 8+00 | 15.30 |
| 8+00 | 15.20 |
| 8+50 | 15.08 |
| 8+50 | 14.58 |
| 9+00 | 14.29 |
| 9+00 | 13.95 |
| 9+50 | 13.57 |
| 9+50 | 13.33 |
| 10+00 | 13.18 |
| 10+00 | 12.89 |
| 10+50 | 13.07 |
| 10+50 | 13.06 |
| 11+00 | 13.00 |
| 11+00 | 13.02 |



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 13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=20'
 DATE: MARCH 2023

CALC. BY: S.R.C.
 CHKD. BY: B.E.M.

PROJECT: M213907

PROPOSED INFRASTRUCTURE IMPROVEMENTS PROJECT
 IN
SALISBURY, MA
 AT
MEADERS LANE NEIGHBORHOOD (PHASE II)

GENERAL CONSTRUCTION PLAN & PROFILE
 SHEET: 6 OF 6