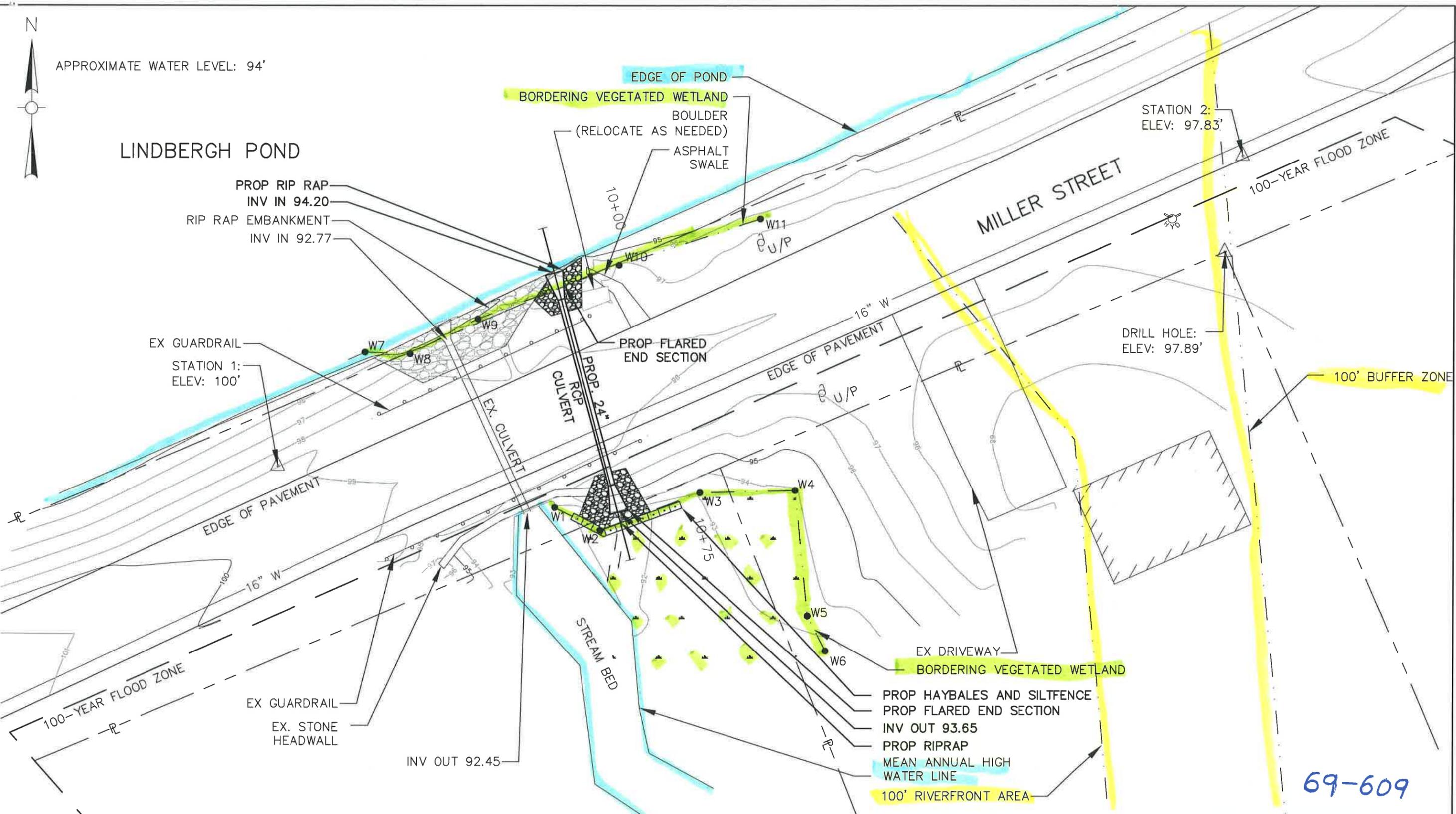




APPROXIMATE WATER LEVEL: 94'

LINDBERGH POND



PROP RIP RAP
INV IN 94.20
RIP RAP EMBANKMENT
INV IN 92.77

EX GUARDRAIL
STATION 1:
ELEV: 100'

EDGE OF PAVEMENT
16" W

EX GUARDRAIL
EX. STONE
HEADWALL

INV OUT 92.45

EDGE OF POND
BORDERING VEGETATED WETLAND
BOULDER
(RELOCATE AS NEEDED)
ASPHALT
SWALE

10+00

PROP FLARED
END SECTION

EDGE OF PAVEMENT
16" W

MILLER STREET

STATION 2:
ELEV: 97.83'

DRILL HOLE:
ELEV: 97.89'

100-YEAR FLOOD ZONE

100' BUFFER ZONE

PROP. 24"
RIP RAP
CULVERT

EX. CULVERT

STREAM BED

EX DRIVEWAY
BORDERING VEGETATED WETLAND

PROP HAYBALES AND SILTFENCE
PROP FLARED END SECTION
INV OUT 93.65

PROP RIPRAP
MEAN ANNUAL HIGH
WATER LINE

100' RIVERFRONT AREA

69-609

NOTES:

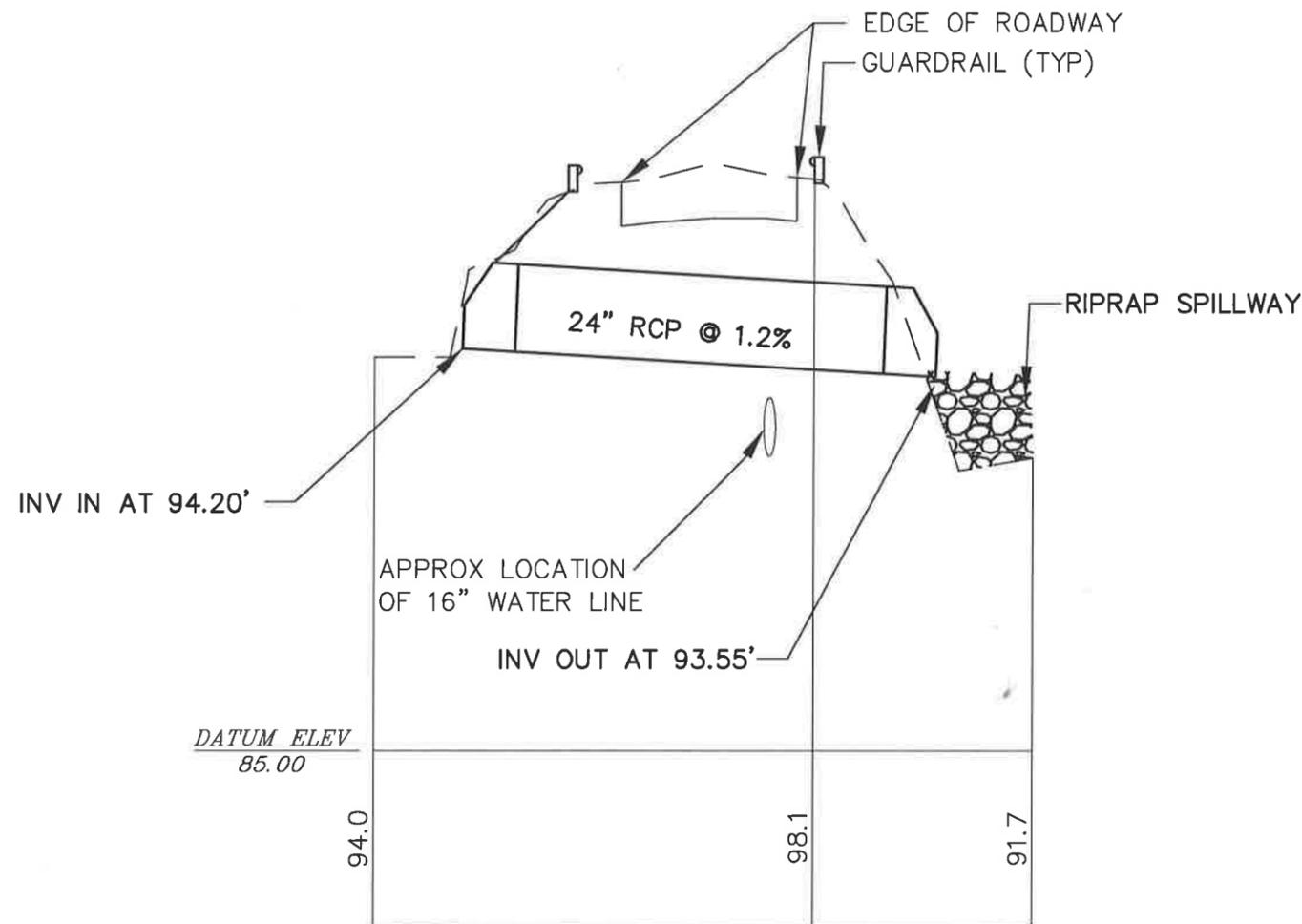
- ONE-HUNDRED YEAR FLOOD ZONE BASED ON FIRM MAPS.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO BEGINNING INSTALLATION OF CULVERT.

Town of Seekonk, MA Miller Street Culvert

Proposed Conditions

Date: January 8, 2007

1"=20'



CULVERT PROFILE
 HORIZONTAL: 1"=20'
 VERTICAL: 1"=4'

SEQUENCE OF CONSTRUCTION

1. INSTALL EROSION CONTROL MEASURES, HAY BALES/SILT FENCE AS SHOWN ON PLAN.
2. SET UP DETOUR, MILLER ST. WILL BE CLOSED DURING THE CULVERT INSTALLATION.
3. SAW CUT ROAD, ROAD TO BE RE-CUT FOLLOWING INSTALLATION OF CULVERT.
4. BEGIN OUTFALL SIDE - GRADE OR EXCAVATE TO INSTALL RIPRAP SPILLWAY PAD.
5. SET 24" RCP OUTFALL FLARED END SECTION SET TO ELEVATION SHOWN ON PLANS.
6. CONTINUE EXCAVATION AND INSTALLATION OF 24" RCP PLACED ON A MINIMUM 8" OF COMPACTED GRAVEL ACROSS THE ROAD TO THE SLOPE INDICATED ON PLANS.
7. EXCAVATE FOR INLET FLARED END SECTION.
8. INSTALL RIPRAP PAD.
9. INSTALL FLARED END SECTION TO ELEVATION SHOWN ON PLANS.
10. BACKFILL AND COMPACT PIPE BEDDING MATERIAL.
11. INSTALL RIPRAP TO TOP OF FLARED END SECTIONS.
12. BACKFILL REMAINING TRENCH TO GRADE FOR TEMPORARY ASPHALT PATCH.
13. PERMANENT PAVEMENT TO BE INSTALLED APPROXIMATELY 6 MONTHS FOLLOWING PROJECT COMPLETION TO ACCOMMODATE ANY SETTLEMENT THAT MAY OCCUR.

NOTES:

- IF THE ELEVATION OF THE POND IS ABOVE THE NEW INLET ELEVATION. WHEN NEARING THE INLET SIDE AT POND, STEEL SHEETING OR OTHER BARRIER MATERIAL, WILL BE SET TO BEGIN DEWATERING OPERATION. A SUMP WILL BE DUG TO FACILITATE A SUCTION HOSE THAT WILL BE COVERED WITH 3/4" CRUSHED STONE. ONCE THE SEDIMENTS SETTLE, THE PUMP WILL BE STARTED AND THE DEWATERING WILL COMMENCE. THE WATER WILL BE PUMPED TO THE OUTFALL SIDE OF THE ROAD WHERE SOIL EROSION CONTROL MEASURES WILL FILTER OUT ANY REMAINING SEDIMENTS PRIOR TO ENTERING THE WETLAND. ONCE DEWATERING HAS BEEN ACCOMPLISHED, THE CONTRACTOR SHALL PROCEED WITH STEPS 6 THROUGH 13.
- IF THE CONTRACTOR FEELS IT IS NECESSARY TO DEVIATE FROM THIS SEQUENCE, THE CONTRACTOR SHALL CONTACT THE TOWN OF SEEKONK FOR APPROVAL PRIOR TO COMMENCEMENT.

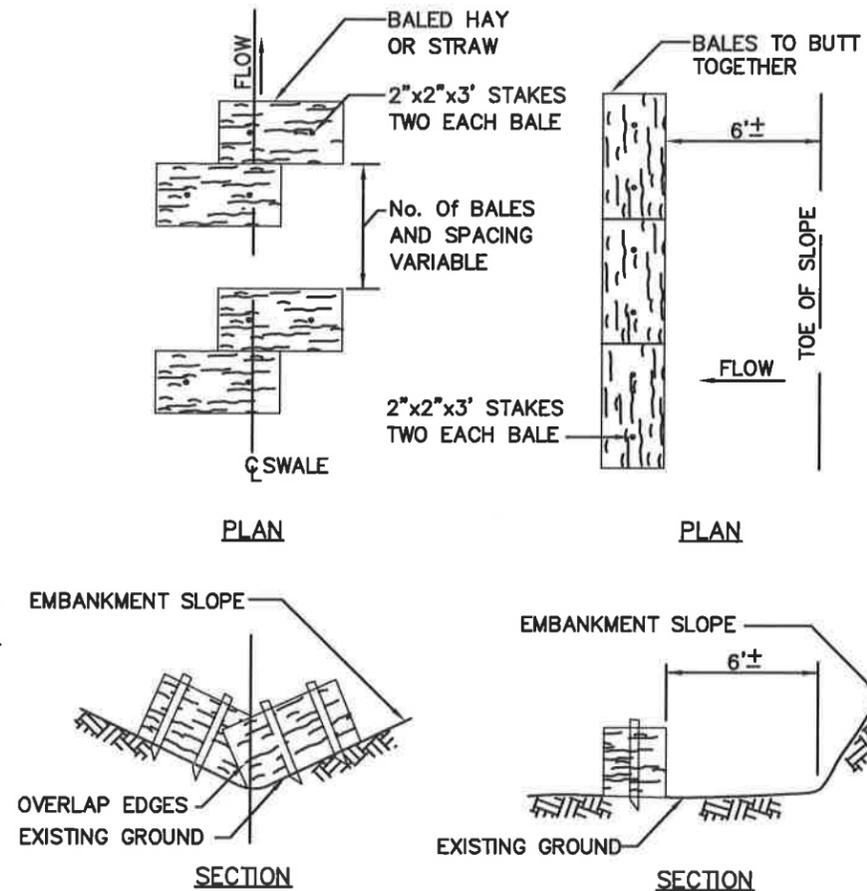
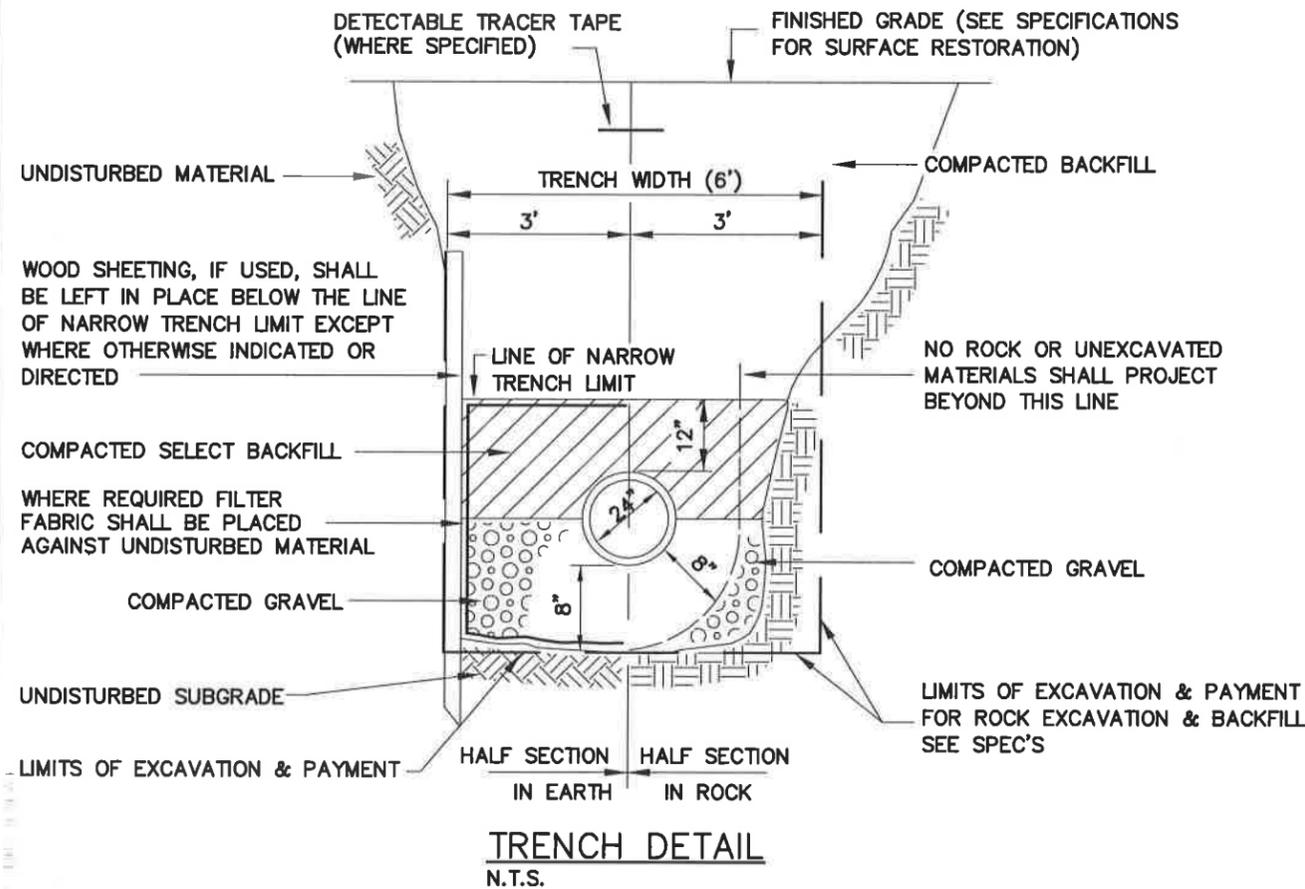
NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO BEGINNING INSTALLATION OF CULVERT.

Town of Seekonk, MA
Miller Street Culvert

Profile

Date: January 8, 2007



NOTE: TO BE USED IN LOCATIONS WHERE THE EXISTING GROUND SLOPES IN TOWARD THE TOE OF SLOPE

NOTE: TO BE USED IN LOCATIONS WHERE THE EXISTING GROUND SLOPES AWAY FROM THE TOE OF SLOPE

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL CALL DIGSAFE AT 1-888-344-7233 AT LEAST 72 HOURS, SATURDAYS, SUNDAYS, AND HOLIDAYS EXCLUDED, PRIOR TO EXCAVATING AT ANY LOCATION. A COPY OF THE DIGSAFE PROJECT REFERENCE NUMBER(S) SHALL BE GIVEN TO THE OWNER PRIOR TO EXCAVATION.
2. LOCATIONS OF EXISTING PIPES, CONDUITS, UTILITIES, FOUNDATIONS AND OTHER UNDERGROUND OBJECTS ARE NOT WARRANTED TO BE CORRECT AND THE CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN.
3. TEST PITS TO LOCATE EXISTING UTILITIES MAY BE ORDERED BY THE ENGINEER.
4. STONE WALLS, FENCES, MAIL BOXES, SIGNS, CURBS, LIGHT POLES, ETC.. SHALL BE REMOVED AND REPLACED AS NECESSARY TO PERFORM THE WORK. UNLESS OTHERWISE INDICATED, ALL SUCH WORK SHALL BE INCIDENTAL TO CONSTRUCTION OF THE PROJECT.
5. ALL PAVEMENT DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS.
6. ALL AREAS DISTURBED BY THE CONTRACTOR BEYOND PAYMENT LIMITS SHALL BE RESTORED AT NO ADDITIONAL COST TO THE OWNER.
7. THE CONTRACTOR SHALL MAINTAIN SIDE SLOPES AND DRAINAGE SWALES DURING CONSTRUCTION TO PREVENT PONDING AND EROSION.
8. THE CONTRACTOR SHALL NOT STORE ANY APPARATUS, MATERIALS, SUPPLIES, AND EQUIPMENT ON DRAINAGE STRUCTURES OR WITHIN 100 FEET OF WETLANDS.
9. THE CONTRACTOR SHALL GRADE PROPOSED SLOPES TO MEET EXISTING SLOPES WHERE SHOWN ON PLANS, IN ACCORDANCE WITH THE MINIMUM AND MAXIMUM SLOPES SPECIFIED.
10. THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL DEVICES BEFORE BEGINNING OTHER WORK ON SITE.
11. THE CONTRACTOR SHALL NOTIFY THE LOCAL WATER DEPARTMENT AT LEAST 72 HOURS PRIOR TO EXCAVATING NEAR WATERLINES.

