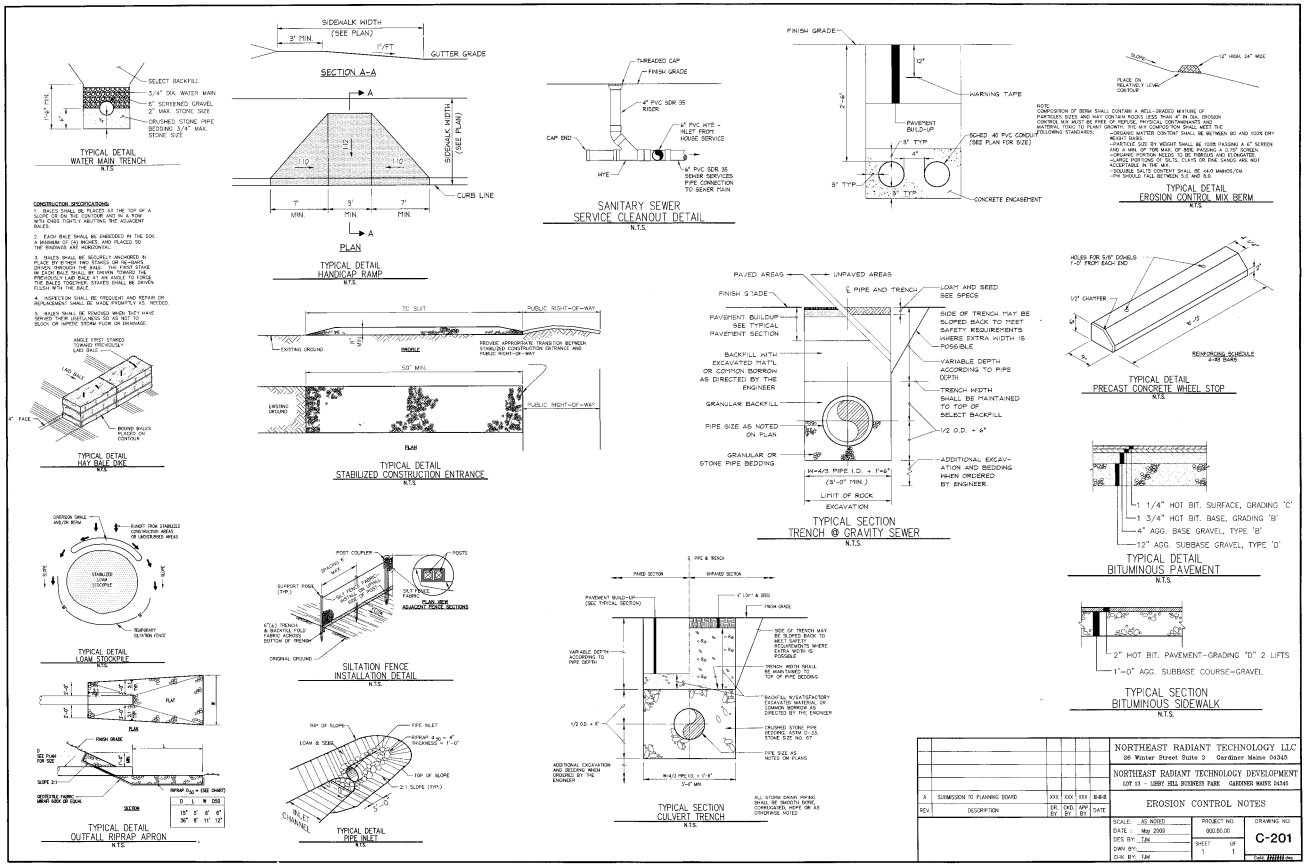
SELECT BACKFILL
3/4" DIA. WATER MAIN
6" SCREENED GRAVEL
2" MAX. STONE SIZE
CRUSHED STONE PIPE BEDDING 3/4" MAX. STONE SIZE
TYPICAL DETAIL
WATER MAIN TRENCH
N.T.S.
SIDEWALK WIDTH (SEE PLAN)
3' MIN.
1"/FT
GUTTER GRADE
SECTION A-A
A
SIDEWALK WIDTH (SEE PLAN)
1:10
1:10
CURB LINE
7' MIN.
3' MIN.
7' MIN.
A
PLAN
TYPICAL DETAIL
HANDICAP RAMP
N.T.S.
THREADED CAP
FINISH GRADE
4" PVC SDR 35 RISER
4" PVC WYE - INLET FROM HOUSE SERVICE
CAP END
WYE
6" PVC SDR 35 SEWER SERVICES PIPE CONNECTION TO SEWER MAIN
SANITARY SEWER
SERVICE CLEANOUT DETAIL
N.T.S.
FINISH GRADE
12"
WARNING TAPE
PAVEMENT BUILD-UP
SCHED. 40 PVC CONDUIT (SEE PLAN FOR SIZE)
3' TYP.
4"
3' TYP.
3' TYP.
CONCRETE ENCASEMENT
NOTE:
COMPOSITION OF BERM SHALL CONTAIN A WELL-GRADED MIXTURE OF PARTICLES SIZES AND MAY CONTAIN ROCKS LESS THAN 4" IN DIA. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS AND MATERIAL TOXIC TO PLANT GROWTH AND MUST MEET THE FOLLOWING STANDARDS:
-ORGANIC MATTER CONTENT SHALL BE BETWEEN 80 AND 100% DRY WEIGHT BASIS.
-PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6" SCREEN AND A MIN. OF 70% MAX. OF MIX, PASSING A 0.75" SCREEN.
-SOLUBLE SALTS CONTENT SHALL BE 4.0 MMHOS/CM OR LESS.
-PH SHOULD FALL BETWEEN 5.0 AND 8.0
SLOPE
12" HIGH, 24" WIDE
PLACE ON SLOPES 15:1 OR GREATER
TYPICAL DETAIL
EROSION CONTROL MIX BERM
N.T.S.
CONSTRUCTION SPECIFICATIONS:
1. BALES SHALL BE PLACED AT THE TOP OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE ON EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
ANGLE FIRST STAKED TOWARD PREVIOUSLY LAID BALE
LAID BALE
4" FACE
BEDDING BALES PLACED ON CONTOUR
TYPICAL DETAIL
HAY BALE DIKE
N.T.S.
TO SUIT
PUBLIC RIGHT-OF-WAY
EXISTING GROUND
PROFILE
PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC RIGHT-OF-WAY
50' MIN.
EXISTING GROUND
PUBLIC RIGHT-OF-WAY
PLAN
TYPICAL DETAIL
STABILIZED CONSTRUCTION ENTRANCE
N.T.S.
PAVED AREAS
UNPAVED AREAS
℄ PIPE AND TRENCH
FINISH GRADE
LOAM AND SEED SEE SPECS
PAVEMENT BUILDUP SEE TYPICAL PAVEMENT SECTION
SIDE OF TRENCH MAY BE SLOPED BACK TO MEET SAFETY REQUIREMENTS WHERE EXTRA WIDTH IS POSSIBLE
BACKFILL WITH EXCAVATED MAT'L OR COMMON BORROW AS DIRECTED BY THE ENGINEER
VARIABLE DEPTH ACCORDING TO PIPE DEPTH
GRANULAR BACKFILL
TRENCH WIDTH SHALL BE MAINTAINED TO TOP OF SELECT BACKFILL
PIPE SIZE AS NOTED ON PLAN
1/2 O.D. + 6"
GRANULAR OR STONE PIPE BEDDING
ADDITIONAL EXCAVATION AND BEDDING WHEN ORDERED BY ENGINEER.
W=4/3 PIPE I.D. + 1'-0" (3'-0" MIN.)
LIMIT OF ROCK EXCAVATION
TYPICAL SECTION
TRENCH @ GRAVITY SEWER
N.T.S.
HOLES FOR 5/8" DOWELS 1'-0" FROM EACH END
1/2" CHAMFER
REINFORCING SCHEDULE
4-#3 BARS
TYPICAL DETAIL
PRECAST CONCRETE WHEEL STOP
N.T.S.
DIVERSION SWALE HOLLOW BOW
RUNOFF FROM STABILIZED CONSTRUCTION AREAS OR UNDISTURBED AREAS
STABILIZED LOAM STOCKPILE
SLOPE
TEMPORARY SILTATION FENCE
TYPICAL DETAIL
LOAM STOCKPILE
N.T.S.
POST COUPLER
POSTS
SPACING 6'
SUPPORT POSTS (TYP.)
SILT FENCE FABRIC
PLAN VIEW
ADJACENT FENCE SECTIONS
6"x6" TRENCH W/ BACKFILL FOLD FABRIC ACROSS BOTTOM OF TRENCH
ORIGINAL GROUND
SILTATION FENCE
INSTALLATION DETAIL
N.T.S.
PAVED SECTION
UNPAVED SECTION
℄ PIPE & BENCH
PAVEMENT BUILD-UP (SEE TYPICAL SECTION)
4" LOAM & SEED
FINISH GRADE
SIDE OF TRENCH MAY BE SLOPED BACK TO MEET SAFETY REQUIREMENTS WHERE EXTRA WIDTH IS POSSIBLE
VARIABLE DEPTH ACCORDING TO PIPE DEPTH
TRENCH WIDTH SHALL BE MAINTAINED TO TOP OF PIPE BEDDING
BACKFILL W/SATISFACTORY EXCAVATED MATERIAL OR COMMON BORROW AS DIRECTED BY THE ENGINEER
1/2 O.D. + 6"
CRUSHED STONE PIPE BEDDING, ASTM D-33, STONE SIZE NO. 57
PIPE SIZE AS NOTED ON PLANS
W=4/3 PIPE I.D. + 1'-0" 3'-0" MIN.
ADDITIONAL EXCAVATION AND BEDDING WHEN ORDERED BY THE ENGINEER
TYPICAL SECTION
CULVERT TRENCH
N.T.S.
ALL STORM DRAIN PIPING SHALL BE SMOOTH BORE, CORRUGATED, HDPE OR AS OTHERWISE NOTED
TOP OF SLOPE
PIPE INLET
LOAM & SEED
RIPRAP d 50 = 6" THICKNESS = 1'-0"
TOP OF SLOPE
2:1 SLOPE (TYP.)
INLET CHANNEL
TYPICAL DETAIL
PIPE INLET
N.T.S.
RIPRAP D50 = (SEE CHART)
SECTION
D L W D50
15" 5' 6' 6"
36" 8' 11' 12"
TYPICAL DETAIL
OUTFALL RIPRAP APRON
N.T.S.
1 1/4" HOT BIT. SURFACE, GRADING 'C'
1 3/4" HOT BIT. BASE, GRADING 'B'
4" AGG. BASE GRAVEL, TYPE 'B'
12" AGG. SUBBASE GRAVEL, TYPE 'D'
TYPICAL DETAIL
BITUMINOUS PAVEMENT
N.T.S.
2" HOT BIT. PAVEMENT-GRADING "D" 2 LIFTS
1'-0" AGG. SUBBASE COURSE-GRAVEL
TYPICAL SECTION
BITUMINOUS SIDEWALK
N.T.S.
NORTHEAST RADIANT TECHNOLOGY LLC
26 Winter Street Suite 3 Gardiner Maine 04345
NORTHEAST RADIANT TECHNOLOGY DEVELOPMENT
LOT 13 - LIBBY HILL BUSINESS PARK GARDINER MAINE 04345
A SUBMISSION TO PLANNING BOARD XXX XXX XXX 00-00-00
REV DESCRIPTION DR BY CHKD BY APP BY DATE
EROSION CONTROL NOTES
SCALE: AS NOTED
DATE: May 2009
DES BY: TJN
DWN BY:
CHK BY: TJN
PROJECT NO. 600.80.00
SHEET 1 OF 1
DRAWING NO. C-201