

- GENERAL CONSTRUCTION NOTES

  1. ALL SITE PREPARATION NECESSARY TO COMPLETE THIS PROJECT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL NECESSARY POLICE DETAIL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, CONTRACTOR SHALL COORDINATE WITH THE LOCAL POLICE DEPARTMENT IF REQUIRED DURING THE PROJECT.
- THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTON PERMITS. PAY ALL FEES INCLUDING POLICE DETAILS AND POST ALL BONDS, IF NECESSARY, ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE OWNER AND THE ENCINEER.
- ALL SHETING CONCIDENT SHOUND SHALL REQUISIONS OF HEAD SHOUND AND A READ ON THE BEST INCORMATION AVIA ARE. THE CONTROLLOR SHALL BE RESPONDED FOR WHICH THE PROPOSED INFOVENCIANTS SHOWN ON THE ARM TO NOT COMPLET THIS HAVE NOWN DESTROKE OF ROPER PROPOSED DEPROVABLES AN OCCUPATION ARE RESPONDED FOR CONTROLLOR SHALL NOTIFY THE OWNER AND THE ENGINEER PROPOSED DEPROVABLES AND FOR TION OF THE SHE WORK WHICH WOULD BE AFFORTED.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS THE CONTROL OF BESCHEDALY OUTDINED THAT THE CONTROL BEAUTION OF CRITICAL OF CRITICAL UTILITIES AND THREE THAT ARE THE CONTROL OF CRITICAL UTILITIES AND THREE THAT ARE THE CONTROL OF THE
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINER ALL EXISTING UTILITIES IN WORKING CROSER AND FREE FROM DAMAGE DURING THE ENTIRE DISTRICTION OF THE PROBLEMENT OF THE THE STATE DURING FOR THE STATE OF THE REPORT OF LITH THE STALL BET HE RESPONSIBLETT OF THE CONTRACTOR. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF ENSITING UTILITY LINES SHALL BEED ONE BY HAING, CONTRACTOR SHALL REPORT AND MANAGE TO DESTRUCT USED IN STRUCTURES GURRED DURING CONSTRUCTION OPERATIONS AT NO
- THE CONTRACTOR SHALLUTILEE ALL PRECAUTIONS AND MEASURES TO INSURE THE SAFETY OF THE PUBLIC ALL PRISONNEL AND PROPERTY OURHOR CONSTRUCTION IN COORDINACE WITH OSHA STANDARDS, NEULOUPIG SHRUCKEES, WHETY LIGHTIGS, COXES, POULD CERTA, AND OF LOCALINES AS ESTIMATED ACCESSARY OF THE DEPORTED AND OTHER DETAILS OF SHALL BE RESPONDED FROM THE COST OF FOLICE DEPARTMENT FOR ALL RESPONDED FROM THE COST OF THE COST OF FOLICE DEPARTMENT FOR ALL RESPONDED FROM THE COST OF T
- ALL TREVENING WORK WITHIN PROJECTIVE THE LEC CONSIGNATED WITH THE PROPER LOCAL 8 STATE ACCESS. TREVEN SAFETY SHALL BET THE REPROVIDED BY THE CONTRACTOR HOLDING ANY LOCAL APPORT STATE PREPRIT REQUIRED FOR THE TRENCHMORK. THIS WORK MAY BE REQUIRED TO TAKE PLACE OUTSIDE OF NORMAL HOURS OF OPERATION FOR THE FACILITY, THE CONTRACTOR SHALL PLAN ACCONCINED.
- 10. THE CONTRACTOR SHALL MAKE ALL CONNECTION ARRANGEMENTS WITH UTILITY COMPANIES, AS REQUIRED. ALL IMPORTED MATERIAL SHALL BE CLEAN, NO MATERIAL WILL BE ACCEPTED FROM AN EXISTING OR FORMER 216 SITE AS DEFINED BY THE MASSACHUSETTS CONTINGENCY PLAN 310 CAR 40,0000.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE SURVEYOR FOR ALL SITE SURVEY WORK. SURVEY WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL CONTROL, POINTS AND SENCHMARKS DURING CONSTRUCTION INCLUDING SENCHMARK LOCATIONS AND SELVATIONS AT CRITICAL AREAS, THE LOCATION OF ALL CONTROL POINTS AND SENCHAMARS SHALL SE COORDINATED WITH THE WENDER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL GRADE STAKES SET BY THE SURVEYOR. GRADE STAKES SHALL REMAIN UNTIL A FRAL INSPECTION OF THE ITEM HAS BEEN COMPLETED BY THE ENGINEER. MAY RE-STAKING OF PREMIOUSLY SURVEYED SITE FEATURES SHALL BE THE RESPONSIBILITY (PICLURING COST) OF THE CONTRACTOR.
- 15. UNLESS OTTERVIBE SPECIFIED ON THE PLANS AND DETAILSSPECIFICATIONS, ALL SITE CONSTRUCTION IMPTERIALS AND METHODIOLOGISA RETE TO CONCOME TO THE MOST RECEIVED THE MASSACIATION TO PERMANENT AND STANDARD SPECIFICATIONS (THE MASSACIATIONS THE MASSACIATIONS THE MASSACIATIONS THE MASSACIATIONS THE MASSACIATIONS THE MASSACIATION SPECIFICATIONS FOR HIGHWAYS AND SPROJEST, THE OZO SUPPLIEMENTAL SPECIFICATIONS, AND THE ZOOS STRANDARD SPECIFICATIONS FOR HIGHWAYS AND SPROJEST, THE OZO SUPPLIEMENTAL SPECIFICATIONS, AND THE ZOOS STRANDARDS SPECIAL FORMATIONS.
- CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING NOISE, VIBRATION, DUST, SEDIMENTATION CONTRINMENT, AND TRENCH WORK,
- SOLID WASTES SHALL BE COLLECTED AND STORED IN A SECURED DUMPSTER. THE DUMPSTER SHALL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REQUILATIONS.
- 18. THE CONTRACTOR SHALL RESTORE ALL SURFACES BOUNL TO THEIR ORBINAL CONDITION AFTER CONSTRUCTION IS COMPLETE.
  AREA BY DISSIDED BY CONSTRUCTION SHALL BE LEFT NATION. THE CONTRACTOR SHALL TAKE TO PREMAT DAMAGE TO
  SHRUBS THESE OFFER LANGEAGHE AND/OWN INTURAL FEATURES. WHEREAS THE ALL HAS DO NOT SHAW ALL LANGSCAPE FEATURES,
  EXISTING CONDITIONS MUST BE VERRIED BY THE CONTRACTOR IN ADVANCE OF THE WORK.
- UNPAYED AREAS DISTURBED BY THE WORK SHALL HAVE A MINIMUM OF 4-INCHES OF LOAM INSTALLED AND BE SEEDED IN SS SEED AS SHOWN ON THE PLAN ANDOR DIRECTED BY THE ENCANEER. THE CONTRACTOR SHALL BE RESPONSIBLE FO FRING ANY LOAM AND SEPDED AREAS LINE! LAWN GROWTH IS GETARI ISHED AND APPROVED BY THE FRICKINFR WINDOR
- ALL PROPOSED STRUCTURES SHALL BE DESIGNED BY THEIR MANUFACTURERS FOR AASHTO H-20 LOADING. PRECAST CONCRETE SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 4000 PSI LINLESS OTHERWISE NOTED HEREIN.
- 21. A HIGH WATER TABLE IS NOT A WICEPATED, HOWERER, FINE WATER TABLE IS INCOMPRED DURING EXCAVATION, THE WATER TABLE SHOULD BE TRANSCRIPE, OF DIRECTOR FURTHERS, HE CONTINUED IS INFORMED AS HE AS TO SAT THE TABLE SHOULD BE TRANSCRIPED AS HE AS TO SAT THE AS HE AS THE ASSET OF THE ASSET OF
- 22. LEDUE OR DELLIGITE ENCONTROL IS NOT ANIMAPTED FOR THE SITE. HOWEVER, THE CONTRACTOR SHALL PROVIDE A TUNT PRICE.
  O'CHT NURSE WORN HOMEVERS FOR THOSE MONEY BOULDER REMOVAL. LEDGE ANDRE BOLLERE LEST THAN LOBEL FOR THE MESSAGE ANDRE BOLLERE LEST THAN LOBEL FOR MOST REST.
  MESSAGE MESSAGE AND THE CONTRACTOR THE CONTRACTOR FOR THE CONTRACTOR AND THE CONTRACTOR THAN CONTRACTOR THE CONTRACTOR THAN CO
- THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEAN UP AND REMOVE LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. ALL DEMOLITION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE SITE TO AN APPROVED DUMP SITE. ALL TRUCKS LEAVEN OF THE SITE SHALL BE COVERED.
- CONCRETE TRUCKS SHALL NOT BE WASHED ONSITE. ANY CEMENT OR CONCRETE DEBRIS LEFT IN THE DISTURBED AREA SHALL BE REMOVED BY HAND AT THE CONTRACTOR'S EXPENSE.
- BURIAL OF ANY STUMPS, SOLID DEBRIS, AND/OR STONES/BOULDERS ONSITE IS PROHIBITED. NO ROAD SALT OR OTHER DE-ICING CHEMICALS SHALL BE USED ON THE ACCESS ROAD/WAY.
- IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR IS TO IMMEDIATELY CONTACT AND COORDINATE WITH THE ENGINEER AND OWNER.
- AT THE END OF CONSTRUCTION, THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRE AND SLAPLUS MATERIALS FROM THE SITE. A THOROUGH INSPECTION OF THE WORK PERMETER IS TO BE MADE AND ALL DISCARDED MATERIALS, BLOWN OR WATER CARRED DEBRIS, SHALL BE COLLECTED, AND REMOVED FROM THE SITE.

# GENERAL GRADING AND DRAINAGE NOTES

- . ALL OUT AND FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
- 2. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- 3. PROPOSED ELEVATIONS ARE SHOWN TO ENISH PAVEMENT OR GRADE UNLESS NOTED OTHERWISE
- 4. ALL EARTHWORK AND SITE PREPARATION SHALL BE DONE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF ANY SUBSURFACE INVESTIGATION OR GEOTECHNICAL REPORTS PREPARED FOR THIS SITE.
- ROADS AND PARKING AREAS ARE NOT TO BE PAVED UNTIL THE ENTIRE PERMANENT DRAININGS SYSTEM HAS BEEN INSTALLED AND ALL PIPE CONNECTIONS COMPLETE UNLESS OTHERWISE SHOWN OR DIRECTED.
- MACRILLADACENT TO PRES AND STRUCTURES SHALL BE OF THE TYPE AND QUALITY CONFORMING TO THAT SPECIFIED FOR THE AUXILIARY FILL MITTERN. INCORPLES SHALL BE FACIOTI INFORMATION, LAWREN BOY TO EXCERS SHY POWERS IN THE DOKES AND COMPACTED TO A DESIGN FOR SHY OF MAKING MAKING POSITION FOR A MOST RESCONTING THIS HAS BEEN AS FOR THE AND A COMPACTION IS TO BE DETERMINED BY AMONTO METHOD T-AV. TESTING OF BACKFILL MATERIAL, SHALL BE THE RESPONSIBILITY OF THE CONTRICATION.

BASIC CONSTRUCTION SEQUENCE
THE FOLLOWING CONSTRUCTION SEQUENCE IS TO BE USED AS A GENERAL GUIDELINE. THE CONTRACTOR SHALL CONDINATE WITH FOLLOWING CONSTRUCTION SEQUENCE CAN REVIEW AND APPROVAL PRIDATE WITH

- PLACE SEDIMENTATION BARRIERS (SILT SOCK OR EQUAL) AS SHOWN ON THE PLANS AND STAKED OUT IN THE FIELD. IN NO CASE IS THE LINT OF WORK TO EXTEND BEYOND THE SEDIMENTATION BARRIERS LINT OF DISTURBANCE AS SHOWN ON THE PROJECT PLANS AS A SPROVED ON THE PROJECT CASE (IN PROJECT ON THE PLANS AS A SPROVED ON THE PLANS AS A SPROVED ON THE PLANS AS A SPROVED FOR THE PLANS AS A SPRO
- BEGIN SITE CLEARING AS REQUIRED INCLUDING EXISTING PAVEMENT, TREE ROOTS, AND ROCKS FROM THE TRAIL EXTENTS
- BEGIN CLEARING AND GRUBBING IN AREA OF WORK. SAWCUT ASPHALT AND HARDSCAPES AND REMOVE FROM THE SITE. TOPSOIL IS TO BE STRIPPED FROM THE AREA OF THE PROPOSED WORK AND STOCKPLED IN APPROVED LOCATIONS OR REMOVED FROM THE SITE. TOPSOIL STOCKPLES ARE TO BE PROTECTED BY A SEDIMENT BARRIER.
- INSTALL TEMPORARY CONVEYANCE DEVICES (SWALES, CHECK DAMS, PIPES, ETC.) AS NECESSARY TO CONVEY RUNOFF TO TREATMENT ABOAS.
- BEGIN ITILITY CYNETRUCTRY WHERE SECURED. CONTRACTOR SHALL BE FREE TO INSTALL UTILITIES IN VAY ORGEN FOODSES, MY DOSISHO CONTROLL COVIDED BUT INSECT DATABLE OF THE UNDERGOLD UTILITY CONSTRUCTION MALL BE CONCEPT ROUTED TO TREATMENT AND ALL BE CONCEPT ROUTED TO TREATMENT AREAS.
- INSTALL DRAMAGE PIPES, DRAMAGE MANHOLES AND CATCH BABRIS, AND UXDERGROUND DRAMAGE STRUCTURES WHERE REQUERD. WORK SHALL BERNAY AT THE DRAMAGE SHERS AND PROCESS OF ADRICATION. PROTECT DESCHARGE QUILLETS WITH HAVING ARROWS TO COMMISSE OF ADRICATION OF A SHER WAS AND ADRICATED AND ADDRESS ADDRES
- ONCE ALL UNDERGROUND LYTLITES HAVE BEEN CONSTRUCTED PLACE COMPACTED GRAVEL FULVOATION AND FINE GRADE THE PAYED AREAS IN ACCORDINATE VITTH THE EF MAIS AND IN ACCORDINATE VITTH APPLICABLE STATE AND LOCAL REQUIATIONS AS REQUIATIONS. I.E. CONSTRUCTION SHALL SEPER STEP PLANS AND IN ACCORDINANCE WITH APPLICABLE STATE AND LOCAL REQUIATIONS.
- FINISH PERMANENT STABILIZATION. SWEEP THE PAVED SURFACES AND ROADWAY TO REMOVE ALL SEDIMENTS.
- COMPLETE ALL REMAINING PLANTING, SEEDING AND SITE STABILIZATION.

SURVEY AND STAKE PROPOSED IMPROVEMENTS AND FEATURES.

REMOVAL OF ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES FOLLOWING VEGETATIVE ESTABLISHMENT OF ALL DISTURBED AREAS SHALL BE APPROVED BY THE ENGINEER AND WHEN THE CONTRIBUTING AREA HAS REACHED A MINIMUM OF 6% STRANGLATION.

## EROSION & SEDIMENT CONTROL NOTES

- THE SITE CONSTRUCTION FOREMAN SHALL BE DESIGNATED AS THE ON-SITE PERSONNEL RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE OF ALL SEDIMENT AND EROSION CONTROLS AND SHALL IMPLEMENT ALL NECESSARY MEASURES TO CONTROL EROSION AND PREVENT SEDIMENT FROM LEAVING THE SITE.
- THE CONTRACTOR SHALL NISTALL ALL SEDIMENT AND PROSION CONTROL MEAGURES AS SHOWN ON THE DESIGN PLANS IN. CONSOLLATION WITH THE CONSERVATION ACCUST AND AS DITTEMPINED NICESSAMEN WHILE THE DIFF THE BURGHESS RETOR AND ASSOCIATION ASSO
- A MINIMUM SURPLUS OF 25-FEET OF EROSION CONTROL BARRIER (SILT SOCK OR EQUAL) SHALL BE STOCKPILED IN A READILY ACCESSIBLE AREA AT ALL TIMES.
- THE CONTRACTOR SHALL PROTECT THE ADJACENT RESOURCE AREA FROM SEDIMENTATION DURING PROJECT CONSTRUCTION UNTIL ACCEPTANCE BY THE OWNER & IN CONFORMANCE WITH THE ORDER OF CONDITIONS.
- THE LIMIT OF ALL CLEARING, ORIGING AND DISTURBANCES SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. THE COMPRISCION SHALL PHASE THE SITE NOWIN HA MANNER TO ANNURS THE ASSOCIATION AND AREA CONSTRUCTORS NOW BE CONSTRUCTOR SHALL BE CONSERVED. THE MEDICAL BECAUSE DESIRED SHALL MAN CONTROLL PRICE LINES AND AND AREA CANTENIOR CONTROLL THE ASSOCIATION FRANK TO MINIMITATION ANY LAND CLEARING ACTUATION OF THE CONTROLLED AREA READ NOW.
- SOL ERGIDA MAD SEDMENTATIVE CONTROL MESARES SIMLL SE NEPECTED AND MAN THEO DAY MESAR NA SHES MAD AFFEE BODI HARMARUL AND FOR SE NEN HOL ROGATERD DURNO CONSTRUCTION TO ROBBER THAT THE DEFORMING NO SEDMENTATIVE CONTROL MESAURES ARE INTROL MAD FUNCTIONAD PROPERTY. DENTIFIED DEFICIENCIES SHALL SE CORRECTED IMMEDIATELY A LATER THAN 34 HOLDER AFFEE INDIFFRATIVE.
- SOIL STOCKPILES LEFT OVERNIGHT SHALL BE SURROUNDED ON THEIR PERIMETERS WITH EROSION CONTROL BARRIER, AS DETERMINED NECESSARY.
- OBTINEED MESS AND QUIPES SMALL NOT BE LEFT LIANTENED OR EXPOSED FOR EXCESSIVE PERIODS OF THE SUCH AS THE MACHINE WHITE SEASON, THE CONTROL OF BIOLDIN PHOCHES AND AND PROJECTS ON ALL DISTURBENCH OF THE PROJECTS ON ALL DISTURBENCH OF THE PROJECTS ON ALL DISTURBENCH OF THE PROJECTS OF THE PROJECT OF THE PROJ
- 16. THE CONTRACTOR SHALL HEI FALL A BIT SACK OR APPROVED DUMPE DIT IN LONG HEISTING CATCHARGH RECIENTIOR ROWER FROM THE PRODUCT WORK RIFL LIVEN THE INSTALLATION OF ANY PROPOSED CATCH ROWER, THE CONTRACTOR SHALL INSTALL SACK OR APPROVED EQUIPALENT. THESE ARE TO BE RESPECTED AFTER EACH SCARFICANT STORM EVENT AND REMOVED AND EMPTIED AS REBEDED DURFOR THE ENTIRE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL CONTAIN ALL SEDIMENT ONSITE. PAVED AREAS SHALL BE SWEPT AS NEEDED TO REMOVE SEDIMENT AND POTENTIAL POLLUTANTS WHICH MAY ADDUMILLATE DURING SITE WORK.
- 12. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM ALL TEMPORARY PRACTICES AND DISPOSED OF IN A PRE-APPROVED LOCATION BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
- 13. THE CONTRACTOR SHALL PROMDE ON SITE OF MAKE READLY AVAILABLE THE NECESSARY EQUIPMENT AND SITE PERSONNEL DURING CONSTRUCTION FLORES FOR THE DIAGNOST OF THE PROJECT TO BESIDE ALL, BROGGE AND SEGMENTATION CONTROL, MET WITH THE PROJECT OF THE DIAGNOST OF THE PROJECT TO BESIDE ALL, BROGGE AND SEGMENTATION CONTROL, THE WITH THE PROJECT OF THE PROJE
- PROPER MEASURES SHALL BE IMPLEMENTED BY THE CONTRACTOR DURING DEWATERING OPERATIONS. THESE MEASURES SHALL INCLUDE DEWATERING BAGS, TEMPORARY STRAMBALES, SILT FENCES, SILT SOCKS AND/OR OTHER APPROVED DEVICES, THE DEPARTEMENT OF SPILD SHALL BE APPROVED IN THE PROPERTY OF THE PROPERTY OF
- 15 DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE ENGINEER AT NO EXTRA COST TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE DURING CONSTRUCTION OF ALL STORMMATER FACILITIES INSTALLED OR AFFECTED BY THE PROJECT, ANY SEGMENT OR DEBRIS COLLECTED WITHIN THESE FACILITIES FROM THE PROJECT YORK SHALL BE REGIVED PROJET OF THE OWNER'S ACCEPTANCE.
- 17. SWEEP ROADWAYS WEEKLY AND AS REQUESTED BY THE TOWNENGINEER TO AVOID TRACKING SEDIMENT ONTO AND OVER ADJACENT ROADWAYS.

SECTION

WORK AREA

F 3"4"

OTES:
SILT SOCK MANUFACTURER TO BE SILT SOXX OR ENGINEER APPROVED EQUAL.
ALL MATERIAL TO MEET MANUFACTURERS SPECHICATION.
SEIDMENT SILT SOCK TO BE FILLED WITH LEAR COMPOST AND/OR WOODY MUICH PER MANUFACTURERS UNICHEMENTS. LOWING CONSTRUCTION AND SITE STABILIZATION, ALL SEDIMENT/GRAVEL TO BE REMOVED AND OSSED OF OFF SITE. SOCK NETTING TO BE REMOVED AND DISSPOSED OF OFF SITE. INTERNOR SOCK PROST MATERIAL, TO BE REMOVED OR DISSPESSED ON SITE, AS APPROVED BY THE BENCHEMEN SEDIMENT SILT SOCK DETAIL

WATER A

PLAN VIEW

# DIES: BERN TO BE CONSTRUCTED OF BITURINOUS VERBING SUPFACE COURSE AS BOWN. BERN TO BE CONSTRUCTED INTEGRAL WITH BITURINOUS WEARING SUPFACE. WHEN BERN IS TO BE CONSTRUCTED ON A FRESH TAUD BITURINOUS BURFACE, THAT SURFACE MUST FIRST BE CLEANED. BERN TO BE FOUNDED ENTIRELY ON THE BASE COURSE. BINDER COCK... BITUMINOUS BERM

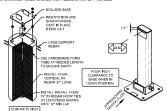
SEE SITE PLAN FOR BITUMINOUS PAVEMENT AND RINDER COURSE SEE DETAIL

## INSTALLATION INSTRUCTIONS FOR: LOW PROFILE HEAVY DUTY HINGED BOLLARD:

BERM TO BE FOUNDED ENTIRELY UNTIL BASE COURSE.
FINISH GRADE AT THE BACK OF THE BERM IS TO BE BROUGHT TO THE TO COURSE PACK FINE OF REPM.

- THAT LATEN PRESIDENT DESCRIPTION FOR LAWY DUTK FROM SOUL AND THE SHAPEN TO MAKE THE SHAPEN THE SHAPEN TO MAKE THE SHAPEN THE SHAPE

# NOTE: S.S. SHMS, TOOLS, GREASE, AND PADLOCKS ARE NOT PROVIDED.



COLLAPSIBLE BOLLARD

LIMIT OF WORK/ EXISTING CLEARING LIMITS WEARING SURFACE ON BINDER LOAM & SEED OR MULCH AL

# TYPICAL BITUMINOUS PAVEMENT TRAIL SECTION

NOTES:

1. AQUIST DEPTH OF WALL TO AVOID DISTURBING MAJOR TIREE ROOTS

2. EXACT PROFILE OF RE-ESTABLISHED EMBANKMENT WILL NEED TO BE FELD ADJUSTED TO MEET ENSTRUG GRADE.

3. MAX WALL HEIGHT - 4 FEET. MAX SLOPE

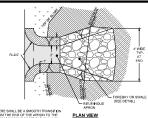
MAX SLOPE

MAX SLOPE

AND SECOURIED

AND SECOURIED SURFACE TREATMENTS AS REQUIRED SWALLER BOULDER ABOVE LARGER BOULDERS SEE SITE PLAN 130 P NONWOVEN GEOTEXTILE FLTER FABRIC

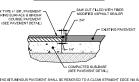
STONE BOULDER RETAINING EMBANKMENT WALL



OTTEN
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SURFACE OF THE RECEMING D-NAMEL.
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CHANNEL SECTION - 4" ROAD BAS 12" DEPTH -SECTION VIEW

PAVED DRAINAGE FLUME



- NOTES:

  C. EMBIND BITUMNOUS PAVEMENT SHALL BE REMOVED TO A CLEAN STRMOHT EDGE VIA SAW

  CUTTING. THE SAW OUT SHALL BE COMMETTED PREPENDICULATION THE ROMOMY/SEGENAL

  BE SAMET COMPETED VILLAGE.

  AFTER PROPER COMPACTION (SEE PAVEMENT DETAL), SAW OUT NEW PAVEMENT ABUTINEYS SHOULD

  AFTER PROPER COMPACTION (SEE PAVEMENT DETAL), SAW OUT NEW PAVEMENT ABUTINEYS SHOULD

  FOR THE ATTHIN FERE MODIFIES AS SHOULD.

## TYPICAL PAVEMENT PATCH DETAIL



TOPSOIL - NO STONES GREATER THAN 3/1\*0, COMPACT WITH A HANDROLLER IN TWO DIRECTIONS & FINE RAKE PRIOR TO SEEDING LOAM AND SEED SURFACE TREATMENTS

EMERAL NOTES:

SESSIFIE LYCULT PLAN FOR PAVEMENT WIDTH AND LOCATION.

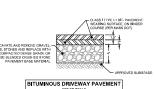
SWEEP DLEAN THE PAVEMENT SUPFACE PRIOR TO INSTALLING LIFTS.

SUB-GRADE CENTRING WATERIAL SHALL CONSIST OF INSTALLING LIFTS.

SUB-GRADE CENTRING WATERIAL SHALL CONSIST OF INSTALLING LIFTS.

AND/OR COARSE SHALL FREE FROM LOAM AND CLAY.

FALCE SUB-BASE IN MAXIMUM OF ITS (OMEPACITED TO SHY).





STRONG TREE ENGINEERING Ph: (774) 559-3942

Revisions

CUSHING SCHOOL TRAIL REHABILITATION ONE ABERDEEN DRIVE SCITUATE, MASSACHUSETTS

DETAILS

Town of Scituate Scituate, MA 0206



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