

- OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD. 2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING
- . WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT. 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.

MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. U.S. DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

SILT FENCE

STORMWATER NOTES:

- 1. THE IMPERVIOUS AREA PROPOSED ON THIS SITE PLAN TOTALS 11,360 SQ. FT. 2. THE IMPERVIOUS AREA ASSOCIATED WITH A CONSTRUCTION ACTIVITY DOES NOT NECESSITATE NOR NEGATE THE NEED FOR PREPARING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- 3. THE AREA OF PROPOSED SOIL DISTURBANCE ASSOCIATED WITH THIS CONSTRUCTION ACTIVITY IS 34,830 SQ. FT. (0.800 ACRES) 4. SOIL DISTURBANCE GREATER THAN ONE (1) ACRE REQUIRES THE FILING OF A NOTICE OF INTENT AND PREPARATION OF A BASIC SWPPP (EROSION & SEDIMENT CONTROL ONLY). NO
- OUTSIDE OF THE EAST OF HUDSON NEW YORK CITY WATERSHED. 5. STORMWATER TREATMENT, DETAILS OF GREEN ROOF CONSTRUCTION AND ROOF-LEADER DRAIN COLLECTION SYSTEM SHALL BE PROVIDED IN ARCHITECT'S CONSTRUCTION

POST-CONSTRUCTION STORMWATER MANAGEMENT IS REQUIRED FOR SINGLE-FAMILY HOMES

ADDITIONAL SITE PLAN NOTES: 1. ALL EXTERIOR LIGHTING SHALL BE RESIDENTIAL IN NATURE, AND SHALL BE DARK-SKY

PHILIPSTOWN STANDARD SITE PLAN NOTES:

- ALL PROPOSED UTILITIES SHALL BE PLACED UNDERGROUND 2. ALL EXISTING TREES TO BE SAVED SHALL BE FLAGGED AND SNOW FENCE IS TO BE ERECTED AROUND TREES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- PRIOR TO THE INITIATION OF CONSTRUCTION, THE APPLICANT OR HIS REPRESENTATIVE WILL MEET WITH THE TOWN ENGINEER, HIGHWAY SUPERINTENDENT, BUILDING INSPECTOR, SITE CONTRACTOR, AND/OR ANY ADDITIONAL OUTSIDE AGENCIES THAT MAY HAVE JURISDICTION FOR A PRE-CONSTRUCTION CONFERENCE TO REVIEW ALL FACETS OF CONSTRUCTION AND REQUIRED
- 4. ALL EROSION CONTROLS ARE TO BE SET IN PLACE PRIOR TO ANY LAND DISTURBANCES ON THE
- 5. DURING THE COURSE OF CONSTRUCTION, WHEREVER THE TOWN HIGHWAY SUPERINTENDEN' AND/OR TOWN ENGINEER DETERMINE THAT ADDITIONAL DRAINAGE FACILITIES ARE REQUIRED TO PROVIDE POSITIVE DRAINAGE WITHIN THE RIGHT-OF-WAY OR ADJACENT PROPERTY, THEY SHALL BE INSTALLED BY THE DEVELOPER AT NO COST TO THE TOWN
- 6. ANY ACTIVITIES WITHIN 100 FEET OF A TOWN REGULATED WETLAND, A TOWN REGULATED STREAM OR OTHER BODY OR WATER REQUIRES A WETLAND/WATERCOURSE PERMIT FROM THE TOWN OF
- 7. PER NEW YORK STATE LAW, THE CONTRACTOR SHALL CALL DIG SAFELY NY AT 1-800-962-7962
- TWO (2) FULL DAYS PRIOR TO PERFORMING ANY EXCAVATION WORK. 8. ALL EMBANKMENTS ARE TO BE GRADED AND SEEDED IMMEDIATELY UPON BEING LAID BACK.
- 9. STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED AT ALL DRIVEWAY ENTRANCES AND SHALL CONFORM TO NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
- 10. PRIOR TO THE INITIATION OF CONSTRUCTION ON ANY NEW SITE DRIVEWAY WHICH GAINS ACCESS FROM A TOWN ROAD, THE PROPERTY OWNER SHALL BE REQUIRED TO OBTAIN A DRIVEWAY PERMIT FROM THE PHILIPSTOWN HIGHWAY SUPERINTENDENT.
- 11. STONEWALLS SHALL BE PRESERVED WHEREVER POSSIBLE
- 12. ALL AREAS SHOWN BY LIMITS OF DISTURBANCE SHALL BE FLAGGED AND SUITABLE BARRIERS ERECTED PRIOR TO ANY CONSTRUCTION ACTIVITIES. 13. NO MECHANICAL EQUIPMENT SHALL BE MOUNTED ON THE ROOF, IF VISIBLE FROM THE STREET,
- UNLESS AUTHORIZED BY THE PLANNING BOARD. 14. TRAILERS SHALL NOT BE PERMITTED AS OUTDOOR STORAGE AREAS. ANY TRAILER WHICH HAS SUBSTANTIALLY REMAINED ON SITE FOR A PERIOD OF 30 DAYS SHALL BE CONSIDERED OUTDOOR
- 15. IF APPLICABLE, PRIOR TO COMMENCEMENT OF ANY CLEARING, GRADING, OR EXCAVATION IN CONNECTION WITH THE PROPOSED CONSTRUCTION ACTIVITY, THE OWNER OF RECORD SHALL FILE "NOTICE OF INTENT" WITH THE NYS DEC AND THE TOWN OF PHILIPSTOWN. WHEN ALL CONSTRUCTION HAS BEEN COMPLETED AND THE SITE HAS REACHED FINAL STABILIZATION THE

IMPROVEMENTS, AND THE LOCATION AND ELEVATION OF ALL STORMWATER MANAGEMENT FACILITIES

INCLUDING OUTLET CONTROL STRUCTURES, WEIR WALLS, OUTLET PIPES AND OVERFLOW SPILLWAYS.

OWNER SHALL SUBMIT A "NOTICE OF TERMINATION" TO THE NYS DEC AND THE TOWN OF 16. PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY THE PROJECT OWNER SHALL DELIVER TO THE PLANNING BOARD AN AS-BUILT SURVEY SHOWING THE LOCATION OF ALL BUILDINGS, SITE

EROSION & SEDIMENT CONTROL NOTES

- 1. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE TEMPORARY STRUCTURAL SEDIMENT CONTROLS (SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE, ETC.) FOR THE ANTICIPATED
- 2. THE LIMITS OF LAND DISTURBANCE MUST BE PHYSICALLY MARKED ON—SITE WITH ORANGE CONSTRUCTION FENCE. SILT FENCE MUST BE INSTALLED ON—CONTOUR AND SHALL NOT BE USED TO DELINEATE THE LIMIT OF CONTRACT, OR PROPERTY LINE. 5. MASS CLEARINGS AND GRADING MUST BE AVOIDED. CLEAR AND GRUB ONLY WHAT IS REQUIRED FOR IMMEDIATE CONSTRUCTION ACTIVITY.
- 4. EXPOSED SOILS ANTICIPATED TO REMAIN IDLE FOR MORE THAN FOURTEEN (14) DAYS SHALL BE IMMEDIATELY STABILIZED WITH TEMPORARY SEED AND MULCH.
- WHEREVER POSSIBLE, NATURAL VEGETATION IS TO BE PROTECTED BY LIMITING THE CLEARING AND GRUBBING OPERATION, AS WELL AS RESTRICTING CONSTRUCTION EQUIPMENT WHERE FEASIBLE, LARGE TREES TO BE PRESERVED SHALL BE FENCED OFF SO THAT THE
- ROOT SYSTEM AND OVERHANGING BRANCHES ARE PROTECTED FROM CONSTRUCTION OFF-SITE RUNOFF SHOULD BE DIVERTED FROM HIGHLY ERODIBLE SOILS AND STEEP SLOPES
- TO STABLE AREAS WITH TEMPORARY DIKES AND/OR SWALES. 8. PERMANENT SEEDING SHOULD OPTIMALLY BE UNDERTAKEN IN THE SPRING FROM MARCH THROUGH MAY, AND IN LATE SUMMER AND EARLY FALL FROM SEPTEMBER TO OCTOBER 15 WATERING SCHEDULE IS MAINTAINED.

9. DURING THE PEAK SUMMER MONTHS AND IN THE FALL AFTER OCTOBER 15, WHEN SEEDING

- S OTHERWISE FOUND TO BE IMPRACTICABLE, AN APPROPRIATE TEMPORARY MULCH SHALL BE APPLIED. TEMPORARY SEEDING WITH RYE CAN BE UTILIZED THROUGH NOVEMBER. 10. ALL SLOPES STEEPER THAN 3H:1V AS WELL AS PERIMETER DIKES, SEDIMENT BASINS OR TRAPS, AND EMBANKMENTS SHALL, UPON COMPLETION, BE IMMEDIATELY STABILIZED WITH
- SOD, SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES 1. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION
- AREAS OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM SHALL NOT BE DISTURBED. 12. AREAS WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED SHALL BE DRESSED WITH A MINIMUM OF 4 INCHES OF TOPSOIL. COMPACTED SUB-SOILS SHALL BE DISKED OR TILLED PRIOR TO PLACEMENT OF TOPSOIL. SURFACE SHALL BE RAKED SMOOTH, REMOVING STICKS, FOREIGN MATTER, AND STONES OVER 1" IN DIAMETER.
- 13. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20%. IT SHALL HAVE NOT LESS THAN 20% OF MATERIAL PASSING THE NO. 200 SIEVE, AND NOT MORE THAN 15% CLAY. IT SHALL BE RELATIVELY FREE OF STONES OVER 1-1/2" INCHES IN DIAMETER, TRASH, NOXIOUS WEEDS, AND SHALL HAVE LESS THAN 10% GRAVEL.
- 14. SEEDING FOR TEMPORARY STABILIZATION OR IN PREPARATION OF WINTER SHUTDOWN SHALL BE APPLIED AT THE FOLLOWING RATE AND SCHEDULE: SPRING OR SUMMER OR EARLY FALL USE RYEGRASS AT 30 LBS PER ACRE. LATE FALL OR EARLY WINTER, USE WINTER RYE AT 15. PERMANENT SEEDING FOR FINAL STABILIZATION SHOULD BE APPLIED EITHER FROM

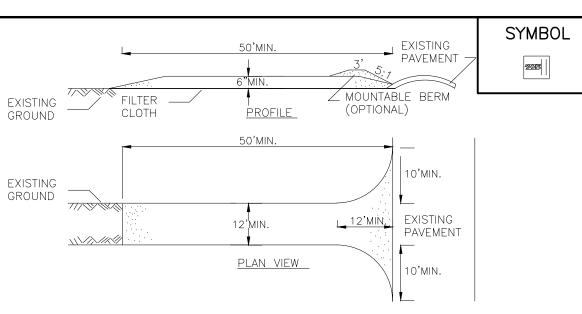
SPRING-THAW TO MID-MAY OR MID-AUGUST TO EARLY OCTOBER WITH A 65/20/15 MIX OF

- KENTUCKY BLUEGRASS/PERENNIAL RYEGRASS/FINE FESCUE AT 160 LBS. PER ACRE. IF SEEDING IS DONE BETWEEN MID-MAY AND MID-AUGUST, IRRIGATION MAY BE REQUIRED FOR TO ACHIEVE FINAL STABILIZATION. 16. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL SEEDED AREAS, TEMPORARY OR PERMANENT, AT A RATE OF 2 TONS PER ACRE (OR 3 BALES PER 1,000 SQ FT).
- 17. WHEN SPECIFIED. ROLLED EROSION CONTROL BLANKET SHALL BE STRAW BIODEGRADABLE DOUBLE-NET BLANKET (EBX-S2 NN) AS MANUFACTURED BY CARTHAGE MILLS, SHALL BE PROVIDED ON ALL FINAL GRADES STEEPER THAN 1 VERTICAL OVER 3 HORIZONTAL (UP TO
- 18. WHEN SPECIFIED, INLET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH CATCH BASIN INSTALLATION. IN THE SAME MANNER, ROCK OUTLET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH PIPE DISCHARGE INSTALLATION. 19. EROSION AND SEDIMENT CONTROL PRACTICES WITHIN THE ACTIVE WORK AREA SHALL BE
- INSPECTED DAILY TO ENSURE THAT THEY ARE BEING MAINTAINED IN EFFECTIVE OPERATING 20. IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CREASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE

DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED.

SHALL BE SWEPT CLEAN AT THE END OF EACH WORK DAY.

- 21. DISCHARGES FROM DEWATERING ACTIVITIES, INCLUDING DISCHARGES FROM DEWATERING OF TRENCHES AND EXCAVATIONS, MUST BE MANAGED BY APPROPRIATE CONTROL MEASURES. 2. STABILIZED CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED SO AS TO PREVENT THE TRACKING OF SEDIMENT OFF-SITE. SEDIMENT TRACKED ONTO PAVED RIGHTS-OF-WAY
- 23. SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT BECOMES 6" DEEP AT THE FABRIC. SILT FENCE SHALL BE REPLACED WHEN FABRIC BECOMES RIPPED OR FRAYED. 24. SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPPING DEVICES WHEN ACCUMULATION REACHES 50% OF DESIGN CAPACITY. STONE SHALL BE CLEANED OR REPLACED WHEN SEDIMENT POOL NO LONGER DRAINS PROPERLY.



CONSTRUCTION SPECIFICATIONS

- 1. STONE SIZE USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. 2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY). 3. THICKNESS - NOT LESS THAN SIX (6) INCHES. 4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT
- POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE 5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING

6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON-

IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS

MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH

STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH

CONSTRUCTION

U.S. DEPARTMENT OF AGRICULTURE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

STABILIZED NATURAL RESOURCES CONSERVATION SERVICE CONSTRUCTION

ENTRANCE

ORANGE CONSTRUCTION FENCE

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

ALL GRADED OR DISTURBED AREAS INC; UDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT

AND SEDIMENT CONTROL IN DEVELOPING AREAS". TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED. IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO

CONTROL PLAN AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION

- REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO
- ALL FILL TO BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES. BRUSH. ROOTS. SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF

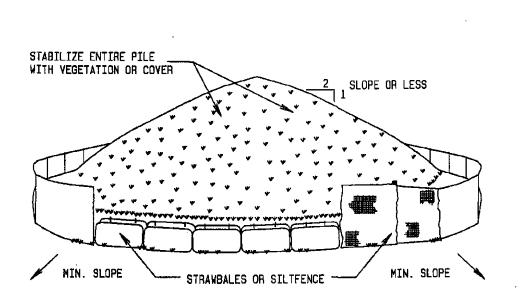
SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED

IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.

- FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS. O. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES. . ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF
- SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING
- FINISHED GRADING. STOCKPILES. BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.

U.S. DEPARTMENT OF AGRICULTURE LANDGRADING NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION **SPECIFICATIONS** NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

Soil Stockpiling



INSTALLATION NOTES

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE. 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2. 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED
- OR COVERED. 4. SEE SILT FENCE DETAIL FOR INSTALLATION OF SILTFENCE.

WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION

ROLLED EROSION CONTROL DETAIL (NOT TO SCALE) EXCELSIOR BLANKET JUTE MESH EROSION CONTROL MATTING DETAIL 1 TERMINAL FOLD STAPLES JUTE MESH EXCELSION BLANKET EROSION CONTROL MATTING **DETAIL 2 JUNCTION SLOT** √-FIRMLY JUTE MESH JUTE MESH EROSION CONTROL MATTING EXCELSIOR BLANKET EXCELSION BLANKET EROSION CONTROL MATTING SHALL BE BUTTED TOGETHER DETAIL 3 ANCHOR SLOT DETAIL 4 LAP JOINT

CONSTRUCTION SPECIFICATIONS

APPLY TO SLOPES GREATER THAN 3H: IV OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION. APPLY FERTILIZER, LIME AND SEED PRIOR TO PLACING MATTING. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X150' ROLL

GRAVEL DRIVEWAY

NOTES:

WITH ASTM C-478-68.

3. AIR ENTRAINED CONCRETE 5%-9%.

CENTERED ON SIDE WALLS.

GRANULAR BASE AS SPECIFIED

-BLOCK AND MORTAR RISER AS REQUIRED

HEAVY DUTY CAST IRON FRAME AND GRATE CAMBELL FOUNDRY PATTERN NO. 2815 OR SOILD COVER NO. 2802

- TOPSOIL AS SPECIFIED

 ${}^{f \sqcup}$ UNYIELDING SUBGRADE

CRUSHED STONE, COMPACTED

IEAVY-DUTY PRECAST CONCRETE 24"x24" I.D. KNOCK-OUT CATCH BASIN

1. CONCRETE TO TEST 4,000 PSI @ 28 DAYS IN CONFORMANCE

2. 6X6 6/6 W.W.F. REINFORCING MESH PER MANUFACTURER.

4. CATCH BASIN, FRAME AND GRATE SHALL BE DESIGNED TO

5. EACH UNIT HAS FOUR (4) 18"x18" I.D. KNOCK-OUT PANELS

6. PRECAST UNIT SHALL BE MANUFACTURED BY MID-HUDSON

CONCRETE PRODUCTS, INC., OR APPROVED EQUIVALENT.

AASHTO H-20 TRAFFIC LOADING SPECIFICATIONS.

CLEAN, COMMON FILL

-STORM DRAIN AS SPECIFIED

DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE, DO NOT STRETCH. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY

____EX. TREE

∠4X4 POSTS

/—RAIL

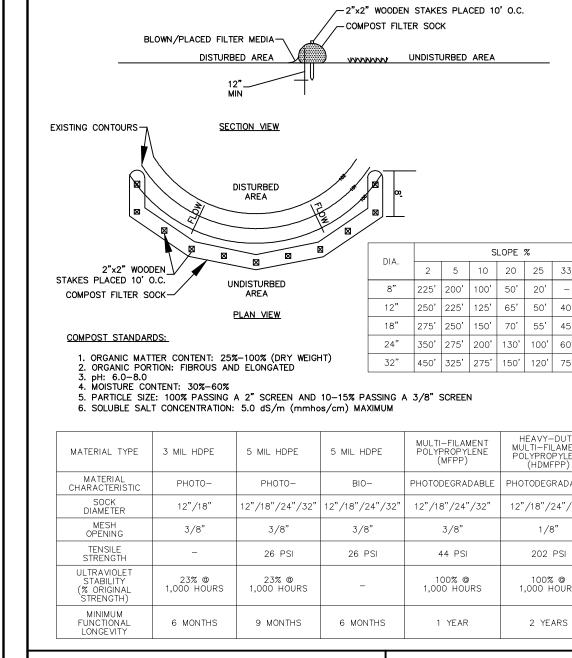
└4" TOPSOIL, SEED & MULCH

ROLLED EROSION CONTROL BLANKET

PROPOSED GRASS SWALE DETAIL

PROPOSED FINISHED GRADE -

Typical Gravity Wall Section



EROSION AND SEDIMENT CONTROL

2 5 10 20 25 33 50 18" 275' 250' 150' 70' 55' 45' 30' 24" 350' 275' 200' 130' 100' 60' 35' - 12"/18" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/32" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33" | 12"/18"/24"/33"/ 202 PSI 2 YEARS NEW YORK STATE STANDARDS COMPOST FILTER SOCK AND SPECIFICATIONS FOR

INLET PROTECTION FILTER LOG

(NOT TO SCALE)

DRAINAGE STRUCTURE INLET PROTECTION - TEMPORARY

(SEDIMENT FILTER LOG)

STRUCTURE -

DRAINAGE STRUCTURE INLET PROTECTION - TEMPORARY

(SEDIMENT FILTER LOG)

MUTCD #R7-8

LEGEND - GREEN

BACKGROUND - WHITE

MUTCD #R7-8b

LEGEND - WHITE

"RESERVED PARKING"

_ANDSCAPING

RESERVED

PARKIN(

VAN ACCESSIBLE

PROVIDE INTERNATION SYMBOL OF ACCESSIBILITY PARKING SPACE MARKING

HANDICAP SYMBOL SHALL BE 39"Hx34"W WITH 4" STROKE WIDTH.

BLUE LINES SHALL SUPPLEMENT WHITE LINES OF EACH HANDICAP

PARKING SPACE AND VAN ASLIE. PROVIDE 4" LINE WIDTH.

RAMP ⊲14

A.D.A. PARKING AREA DETAIL

(NOT TO SCALE)

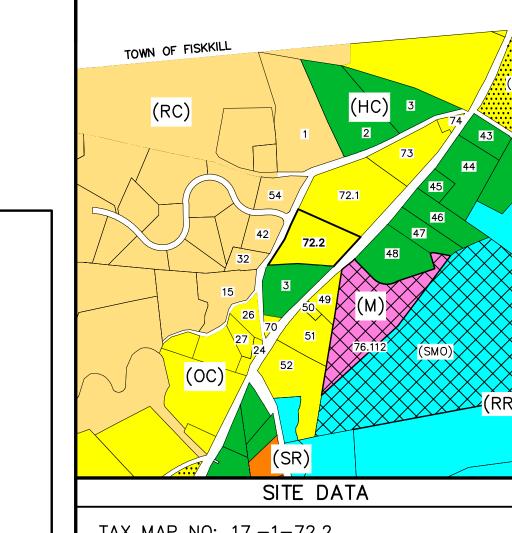
WITH BLUE BACKGROUND AND WHITE BORDER

CONCRETE 3

CONCRETE CURE

"SIDEWAĻK⁴

NOMINAL WOOD POS



LOCATION MAP

VICINITY MAP

SCALE: 1" = 2000

SCALE: 1" = 1000

TAX MAP NO: 17.-1-72.2 LOT AREA: 4.71 ACES ZONING DISTRICT: MIXED USE (OC)

PROPOSED USE: BUSINESS/UPPER FLOOR APTS SCHOOL DISTRICT: HALDANE C.S.D. FIRE: NORTH HIGHLANDS ENGINE CO. NO. AMBULANCE: PHILIPSTOWN VOL. AMB. CORPS

> FILED MAP NO. 2845 ON SEPT 29, 2000. MAP NOTES SURVEY DATA AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS AS SHOWN ON THAT CERTAIN MAP ENTITLED "SUBDIVISION PLAT

SUBDIVISION: LOT 2 CARL L. & DONA L. THOMSO

PREPARED FOR CARL L. & DONA L. THOMSON...." PREPARED BY BADEY & WATSON, SURVEYING & ENGINEERING, P.C. DATED MAY 6, 1999. LAST REVISED ON JULY 6, 2000. UNDERGROUND IMPROVEMENTS IF ANY ARE NOT SHOWN HEREON. WETLANDS BUFFER LINE ON LOT 2 IS TO BE STAKED AND CERTIFIED

BY A LICENSED LAND SURVEYOR IMMEDIATELY PRIOR TO ANY

REVISIONS DESCRIPTION

03/16/22 | ORIGINAL DRAWING (PRE-APP SKETCH) 04/07/22 | INITIAL PLANNING BOARD SUBMISSION 05/05/22 | COORDINATE WITH SEPTIC PLAN 07/07/22 | RELOCATE BUILDING AND SEPTIC

CONSTRUCTION ON LOT 2.

PLANNING BOARD APPROVAL

Final site plan approval granted by Resolution #_ . No certificate of occupancy may be applied for until this site plan is signed below by an authorized representative of the planning board.

RONALD J. GAINER, P.E., TOWN ENGINEER DATE The signature below indicates that the site plan has been

revised in accordance with Resolution #_____ that all other pertinent outstanding requirements of have been satisfied. PHILIPSTOWN PLANNING BOARD

PROJECT LOCATION

NEAL ZUCKERMAN, CHAIRMAN

OLD ALBANY POST ROAD NORTH, COLD SPRING TOWN OF PHILIPSTOWN COUNTY OF PUTNAM STATE OF NEW YORK

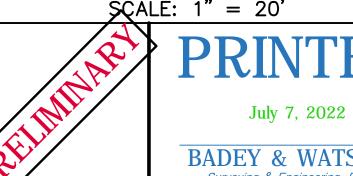
PROJECT DESCRIPTION NEW CONSTRUCTION OF A 4-BAY EQUIPMENT

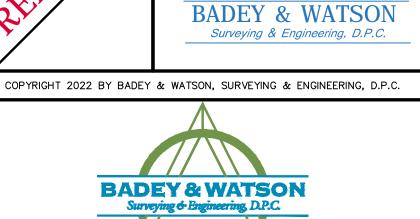
GARAGE FOR A SERVICE BUSINESS, WITH TWO (2 2-BEDROOM UPPER FLOOR APARTMENTS IN A MIXED-USE BUILDING. THE GARAGE IS PERMITTED BY RIGHT. SUBJECT TO SITE PLAN REVIEW BY THE PLANNING BOARD. THE APARTMENTS ARE PERMITTED BY SPECIAL PERMIT ISSUED BY THE PLANNING BOARD. THE MIXED-USE BUILDING WILL BE SERVED BY A SEPARATE SUBSURFACE SEWAGE TREATMENT SYSTEM AND A PRIVATE DRILLED POTABLE WATER WELL.

PROPERTY OWNER FORREST KINGSLEY & IAN KINGSLEY 16 RESERVOIR ROAD COLD SPRING, NY 10516

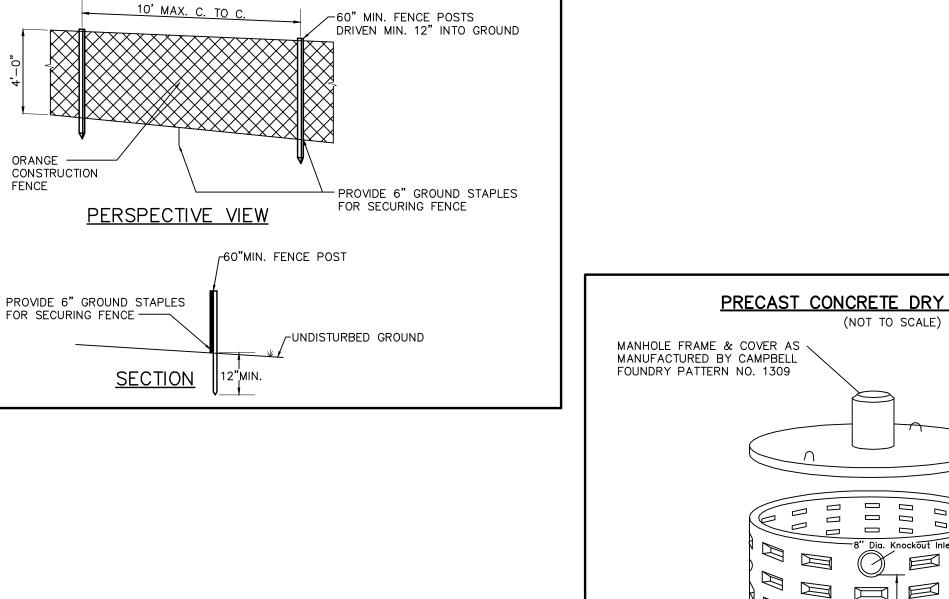
> CONSTRUCTION DETAILS AND E&SC NOTES

MAJOR SITE PLAN SET









DEVELOPMENT.

CONSTRUCTION SEQUENCE

- 1. OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
- 2. FLAG THE WORK LIMITS AND MARK TREES TO BE REMOVED. 3. HOLD PRE-CONSTRUCTION CONFERENCE WITH INVOLVED AGENCIES AT LEAST ONE WEEK PRIOR TO STARTING CONSTRICTION ACTIVITY.
- 4. INSTALL SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE, AND SEDIMENT CONTROLS. 5. CLEAR AND GRUB ANTICIPATED WORK AREA.
- 6. ROUGH GRADE SITE, STOCKPILE TOPSOIL, GRADE/INSTALL DRAINAGE AND INTELT/OUTLET PROTECTION, MAINTAIN SOIL STABILIZATION OF EXPOSED SOILS. 7. CONSTRUCT HOUSE AND INSTALL SITE UTILITIES.
- 8. COMPLETE FINAL GRADING OF DRIVEWAY AND HOUSE SITE 9. PREPARED SITE FOR FINAL STABILIZATION: PAVE, OR DRESS WITH GRAVEL, THE DRIVEWAY PREPARE ANY REMAINING LAWN AREAS WITH PERMANENT VEGETATION; DRESS STONE CHANNELS AND APRONS WITH FRESH RIP-RAP; DRESS PLANTING BEDS, TREES AND
- 10. ONCE FINAL STABILIZATION HAS BEEN ACHIEVED, REMOVE ALL EROSION AND SEDIMENT CONTROLS. RAKE, SEED, AND MULCH AREAS DISTURBED FROM SILT FENCE REMOVAL.

. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER SUPPLIED BY A WASTE HANDLER THAT IS A LICENSED SOLID WASTE MANAGEMENT COMPANY. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER(S). THE DUMPSTER SHALL BE EMPTIED ON AN AS-NEEDED BASIS AND THE TRASH WILL BE HAULED TO AN APPROVED LANDFILL. NO CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL.

2. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF TWO

3. GOOD HOUSEKEEPING AND SPILL CONTROL PRACTICES WILL BE FOLLOWED DURING CONSTRUCTION TO MINIMIZE STORMWATER CONTAMINATION FROM PETROLEUM PRODUCTS FERTILIZERS, PAINTS, AND CONCRETE. TO PREVENT STORMWATER CONTAMINATION FROM THE SITE, GOOD HOUSEKEEPING PRACTICES ARE LISTED BELOW:

TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

- FERTILIZERS WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER, UNLESS SPECIFIED OTHERWISE BY THE ENGINEER AND WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. - FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS. - A COVERED DUMPSTER WILL BE USED FOR ALL WASTE MATERIALS.
- TEMPORARY MATERIAL STORAGE TRAILER ON-SITE. EQUIPMENT WILL INCLUDE BUT NOT F LIMITED TO: BROOMS DUST PANS MOPS RAGS GLOVES GOGGLES FAST ABSORBENT MATERIAL, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS. CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE. WHEN TESTING/CLEANING OF WATER SUPPLY LINES, THE DISCHARGE FROM THE TESTED

- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEAN-UP WILL BE KEPT IN THE

- A STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED TO REDUCE VEHICLE TRACKING OF SEDIMENT. - DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

PIPE WILL BE COLLECTED AND CONVEYED TO A COMPLETED STORMWATER COLLECTION

- ALL RUTS CAUSED BY EQUIPMENT USED FOR SITE CLEARING AND GRADING WILL BE ELIMINATED BY RE-GRADING. 4. VEHICLE MAINTENANCE - ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. ANY

VEHICLE LEAKING FUEL OR HYDRAULIC FUEL WILL BE IMMEDIATELY SCHEDULED FOR REPAIRS

AND USE WILL BE DISCONTINUED UNTIL REPAIRS ARE MADE. . SPILL PREVENTION AND RESPONSE — THE FOLLOWING CONTROLS AND PROCEDURES SHALL BE USED TO MINIMIZE THE POTENTIAL FOR LEAKS, SPILLS AND OTHER RELEASES: - PERSONNEL WILL BE MADE AWARE OF EMERGENCY TELEPHONE NUMBERS. - THE OWNER/OPERATOR AND OR CONTRACTOR SHALL IMMEDIATELY CONTACT NYSDEC IN THE EVENT OF A SPILL, AND SHALL TAKE ALL APPROPRIATE STEPS TO CONTAIN THE

SPILL. INCLUDING CONSTRUCTION OF A DIKE AROUND THE SPILL AND PLACING

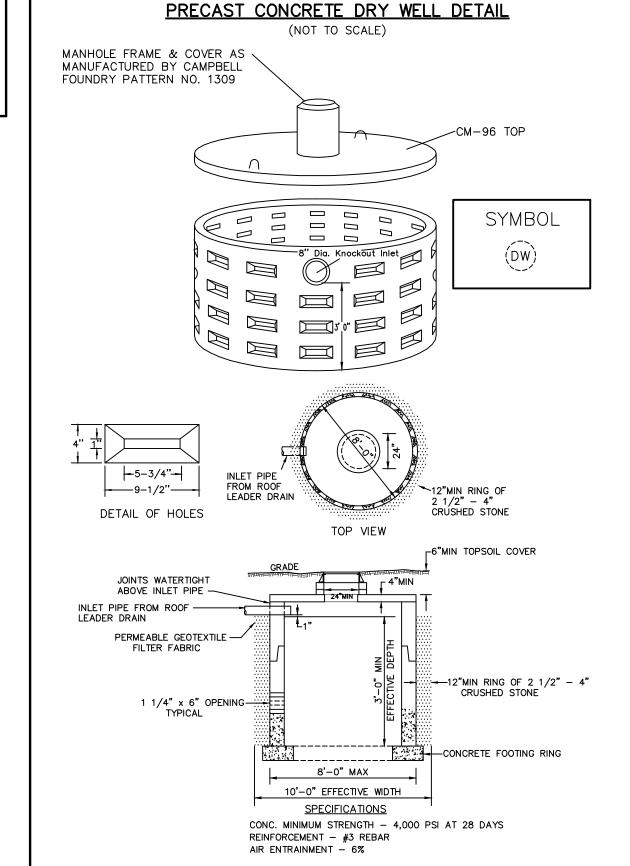
ABSORBENT MATERIAL OVER THIS SPILL.

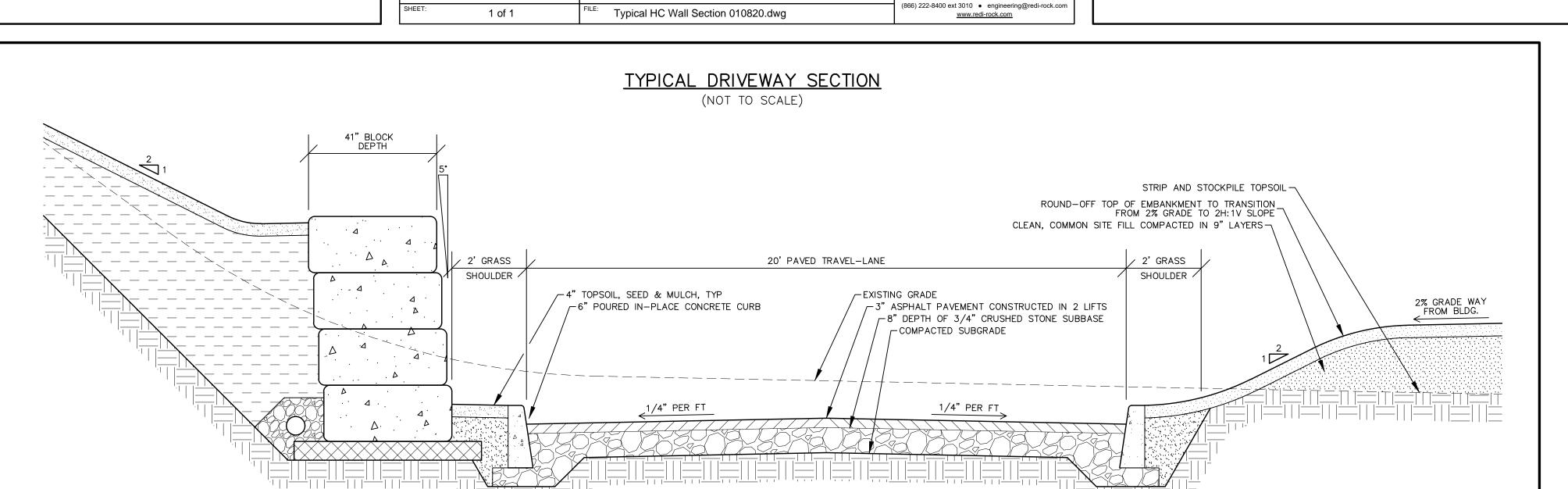
- THE OWNER/OPERATOR AND OR CONTRACTOR SHALL INSTRUCT PERSONNEL THAT SPILLAGE OF FUELS, OILS, AND SIMILAR CHEMICALS MUST BE AVOIDED. - OILS, AND CHEMICALS WILL BE STORED IN APPROPRIATE AND TIGHTLY CAPPED CONTAINERS. CONTAINERS SHALL NOT BE DISPOSED OF ON THE PROJECT SITE. - OILS, CHEMICALS, MATERIAL, EQUIPMENT, AND SANITARY FACILITIES WILL BE STORED/LOCATED AWAY FROM TREES AND AT LEAST 100 FEET FROM STREAMS, WELLS, WET AREAS, AND OTHER ENVIRONMENTALLY SENSITIVE SITE. - DISPOSE OF CHEMICAL CONTAINERS AND SURPLUS CHEMICALS OFF THE PROJECT SITE IN ACCORDANCE WITH LABEL DIRECTIONS AND LEGAL REQUIREMENTS.
- USE TIGHT CONNECTIONS AND HOSES WITH APPROPRIATE NOZZLES IN ALL OPERATIONS INVOLVING FUELS. - USE FUNNELS WHEN POURING FUELS, LUBRICATING MATERIALS OR CHEMICALS. - REFUELING OF CONSTRUCTION EQUIPMENT WILL TAKE PLACE IN PARKING AREAS TO PROVIDE RAPID RESPONSE TO EMERGENCY SITUATIONS. - PETROLEUM SPILLS AND MOST HAZARDOUS MATERIALS SPILLS MUST BE REPORTED TO
- THE NYS DEC HOTLINE (1-800-457-7362), UNLESS THEY MEET ALL OF THE FOLLOWING CRITERIA: THE SPILL IS KNOWN TO BE LESS THAN 5 GALLONS; AND THE SPILL IS CONTAINED AND UNDER THE CONTROL OF THE SPILLER; AND

DOCUMENTED BY THE SPILLER, AND A RECORD MAINTAINED FOR ONE YEAR.

THE SPILL IS CLEANED UP WITHIN 2 HOURS OF DISCOVERY. - SPILLS SHALL ALSO BE REPORTED TO THE LOCAL AUTHORITIES, IF REQUIRED. FOR SPILLS NOT DEEMED REPORTABLE, THE FACTS CONCERNING THE INCIDENT SHALL BE

THE SPILL HAS NOT AND WILL NOT REACH THE STATE'S WATER OR ANY LAND; AND





PRE-TREATMENT CATCH BASIN DETAIL TOPSOIL AS SPECIFIED CLEAN, COMMON FILL -BLOCK AND MORTAR RISER AS REQUIRED HEAVY DUTY CAST IRON FRAME AND GRATE CAMBELL FOUNDRY PATTERN NO. 2815 PRECAST CONCRETE KNOCKOUT CATCH BASIN - ASPHALT PAVEMENT -GRANULAR BASE AS SPECIFIED -STORM DRAIN AS SPECIFIED 05050505 IN FROM DRAIN DRYWEL

with Hollow-Core Blocks Grade to drain surface water Setback = $1\frac{5}{8}$ " (41 mm) away from wall (5° batter angle on wall) Non-woven geotextile fabric (if specified by Engineer based on site soil conditions) Fill vertical core slot with drainstone (PC blocks) Fill wedge between adjacent blocks with drainstone Exposed wall < 4'-0" (Height varies with - Drainstone (AASHTO No. 57 or equivalent) to extend at least 12" (305 mm) behind blocks Move blocks forward during installation to engage shear knobs (typical) Fill hollow core with drainstone (HC blocks) ASPHALT PAVEMENT (TYP)-41" (1030 mm) Hollow-Core block HANDICAP SYMBOL (TYP) Drain (as specified by engineer) Leveling pad (as specified by engineer) Note: Wall designs typically include a combination of solid, PC, and hollow-core blocks. Redi-Rock blocks are designed to be used together. Block type, size, and configuration will vary based on site-specific conditions and wall height. This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual NWL Typical Gravity Wall Detail NWL

with Hollow-Core Blocks

05481 US 31 SOUTH, CHARLEVOIX, MI 49720

08JAN2020

TEMPORARY WOODEN TREE GUARD DETAIL

NOT TO SCALE

1. NO CONSTRUCTION MATERIALS ARE TO BE STORED WITHIN TREE GUARD.

2. ALL CONSTRUCTION ACTIVITY SHALL STAY OUTSIDE OF TREE DRIP LINE.

EX. TREE

