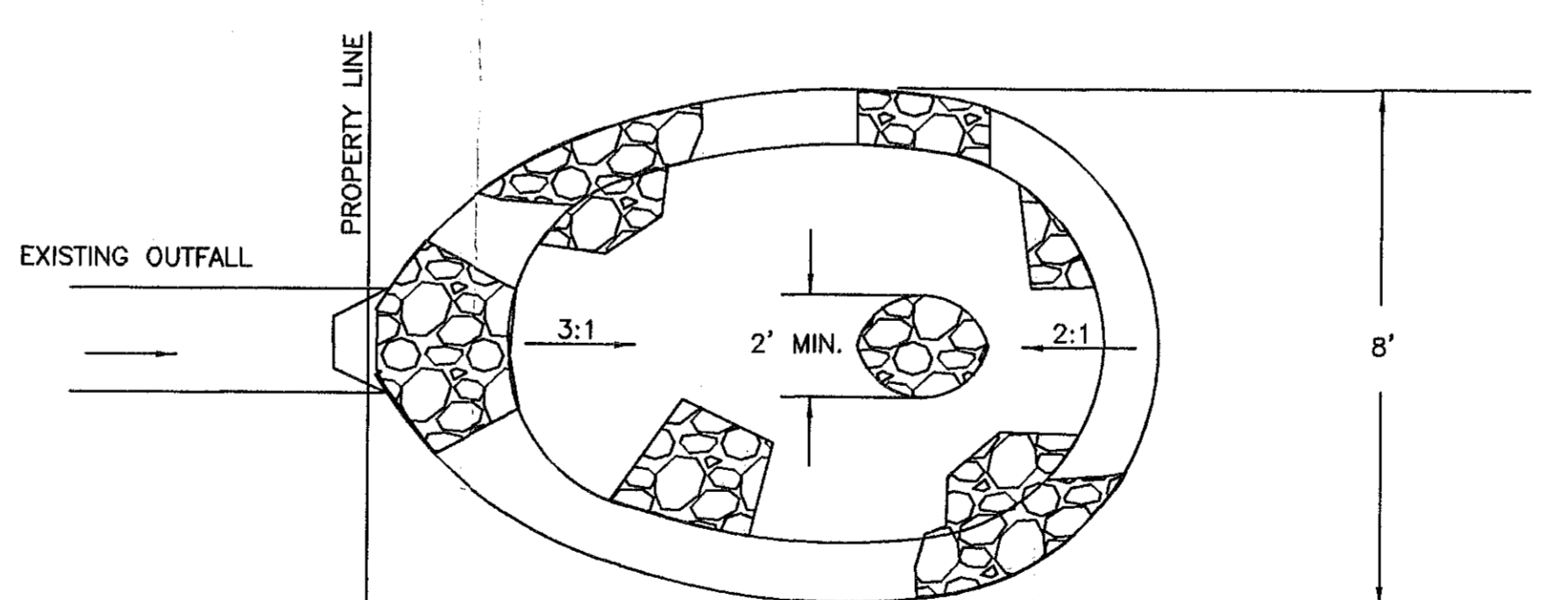
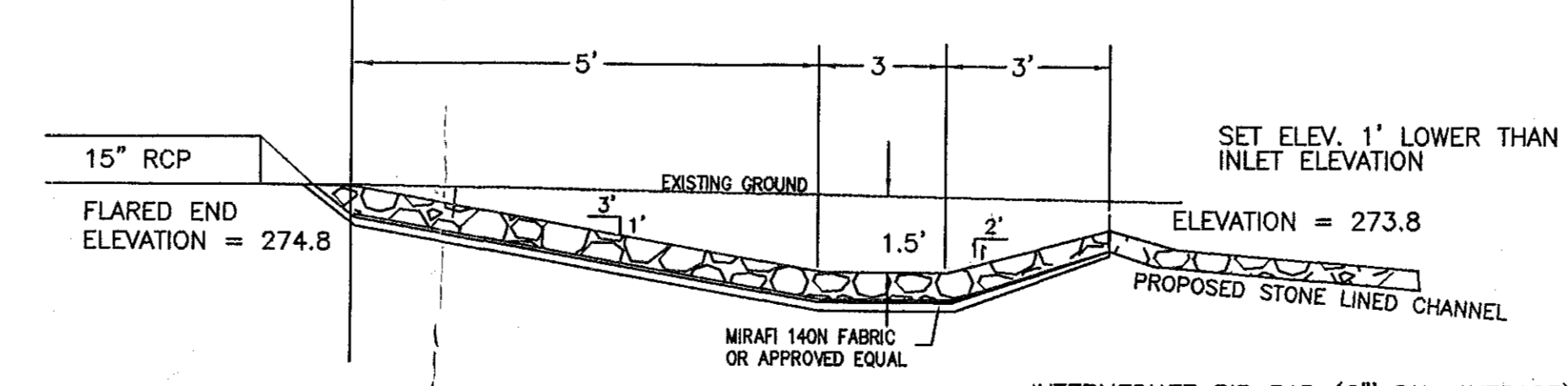


- NOTES:
1. SPACING MAY VARY AS PER THE MANUFACTURERS RECOMMENDATIONS. MAXIMUM SPACING IS 8'-0".
 2. JOIN SILT FENCE SECTIONS WITH A METAL OR PLASTIC COUPLER CONNECTION TO PREVENT SILT FROM BYPASSING ADJOINING UNITS.
 3. INSPECT PERIODICALLY AND REMOVE SILT WHEN MORE THAN 1/2 THE HEIGHT IS FILLED.

SILT FENCE DETAIL
NTS. EC-37



PLUNGE POOL DETAIL
PLAN VIEW (N.T.S.)



PLUNGE POOL DETAIL
SECTION (N.T.S.)

NOTES:

1. THE BASE MAPPING AS DEPICTED WAS COMPILED FROM CHESHIRE PLANIMETRIC BASE MAP INFORMATION WHICH IS A RESULT OF AERIAL FLIGHT FROM APRIL 2012 AND FIELD LOCATION PERFORMED BY THE TOWN OF CHESHIRE ENGINEERING DEPARTMENT
2. THE WETLANDS BOUNDARY WAS FLAGGED BY WILLIAM L. KENNY, SOIL SCIENTIST, AND FIELD LOCATED BY THE CHESHIRE ENGINEERING DEPT. THE DRAINAGE EASEMENT SHOWN REFLECTS RECORD MAP 2264 FROM THE CLERK'S OFFICE IN THE TOWN HALL OF CHESHIRE
3. THE VERTICAL DATUM OF THE BASE MAP IS N.A.V.D.88.
4. NORTH ARROW BEARING IS BASED ON THE CONNECTICUT STATE PLANE COORDINATE SYSTEM
5. THE DIRECTOR OF PUBLIC WORKS SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING ANY NECESSARY SEDIMENTATION AND EROSION CONTROL MEASURES THAT MAY BE NECESSARY DURING CONSTRUCTION. HE SHALL INFORM THE TOWN OF THEIR PLANNED START DATE AT LEAST TWO WEEKS PRIOR TO THE START OF CONSTRUCTION.
6. THE PROPERTY LINES AS DEPICTED ARE BEING SHOWN FOR ORIENTATION PURPOSES ONLY. THEY ARE BASED UPON THE TOWN OF CHESHIRE GIS TAX MAP INFORMATION AND LIMITED SURVEY ARE NOT TO BE CONSTRUED AS BEING THE RESULT OF A COMPLETE SURVEY.

GENERAL

THIS PLAN PROPOSES EROSION CONTROL MEASURES TO HELP CONTROL ACCELERATED EROSION AND SEDIMENTATION AND REDUCE THE DANGER FROM STORM WATER RUNOFF AT THE SITE. THE RUNOFF SHALL BE CONTROLLED BY THE INTERCEPTION, DIVERSION, AND SAFE DISPOSAL OF PRECIPITATION. RUNOFF SHALL ALSO BE CONTROLLED BY STAGING CONSTRUCTION ACTIVITY AND PRESERVING NATURAL VEGETATION WHENEVER POSSIBLE. EXISTING VEGETATION SHALL BE PROTECTED AND ONLY THAT CLEARING AND GRUBBING ABSOLUTELY NECESSARY FOR THE PROPOSED CONSTRUCTION SHALL BE PERFORMED. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND CONTOUR, UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE SPECIAL CARE WITH HIS CONSTRUCTION METHODS AND SHALL COMPLY WITH THE FOLLOWING GUIDELINES. REFERENCE IS MADE TO THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" (2002), AS AMENDED. THE GUIDELINES ARE OBTAINABLE FROM THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION, 79 ELM STREET, HARTFORD, CONNECTICUT 06106, AND SHOULD BE USED AS A REFERENCE IN CONSTRUCTING THE EROSION AND SEDIMENTATION CONTROLS INDICATED ON THESE PLANS. AN ADDITIONAL REFERENCE IS THE 1994 CONDOT PUBLICATION "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

EROSION CONTROL

ALL AREAS SHALL BE PROTECTED FROM EROSION DURING AND AFTER CONSTRUCTION, PARTICULARLY THE STORAGE OF EXCAVATED OR STOCKPILED MATERIAL. THE CONTRACTOR SHALL CAREFULLY STRIP ALL TOPSOIL, LOAM, OR ORGANIC MATTER PRIOR TO TRENCHING OR OTHER OPERATIONS AND SHALL STORE THEM SEPARATELY FROM ALL OTHER MATERIALS DURING EXCAVATION. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SEDIMENTATION CONTROL SYSTEM (I.E. HAY BALES AND/OR GEOTEXTILE FENCE). DEBRIS AND OTHER WASTE RESULTING FROM EQUIPMENT MAINTENANCE AND CONSTRUCTION WILL NOT BE DISCARDED ON SITE. STABILIZING OF SLOPES SHALL BE DONE IMMEDIATELY AFTER CONSTRUCTION OF SLOPES. THE DRAINAGE SWALE SHALL BE PROTECTED WITH EROSION CONTROL MATTING. THIS MATTING IS MANUFACTURED COMBINATIONS OF MULCH AND NETTING AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. ALL OTHER AREAS SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 2 TO 3 TONS PER ACRE. STRAW OR HAY MULCH MUST BE ANCHORED IMMEDIATELY AFTER SPREADING TO PREVENT WINDBLOWING. THE METHODS RECOMMENDED BY THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" SHALL BE USED FOR THE ANCHORING OF MULCH OR NETTING.

EROSION AND SEDIMENTATION CONTROL MAINTENANCE PROCEDURES

ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A DAILY BASIS AND FOLLOWING ALL STORMS BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE PERFORMED WITHIN 24 HOURS OF THE REQUEST AND THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK.

THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, AND PIPES AT THE COMPLETION OF CONSTRUCTION, AND AS REQUESTED BY THE RESIDENT INSPECTOR TO KEEP THE SYSTEM FUNCTIONING PROPERLY DURING CONSTRUCTION.

FOLLOWING COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.

ALL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE ESTABLISHED PRIOR TO AND BE MAINTAINED THROUGH ALL CONSTRUCTION PHASES.

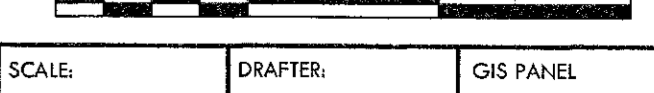
LEGEND

- VEGETATION LINE (FROM AERIAL)
- LIMIT OF FLAGGED WETLAND
- EXISTING DRAINAGE EASEMENT
- DRAINAGE EASEMENT LINE PER R.M.
- SILT FENCE
- EXISTING 15" RCP
- PROPOSED MODIFIED RIPRAP
- LIMIT OF 50 FT. UPLAND REVIEW AREA

RECEIVED
Town of Cheshire
AUG 29 2020
Planning Dept.

TOWN OF CHESHIRE, CONNECTICUT
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
29 South Main Street, Cheshire, Connecticut 06410 Tel: (203) 271-4650 cheshire.ct.gov

SITE PLAN
PROPOSED STORM DRAINAGE OUTFALL IMPROVEMENTS
165 AND 170 NORTHWOOD COURT
CHESHIRE, CT



NO.	DATE	DESCRIPTION	DATE	SCALE	DRAFTER	GIS PANEL
			8/9/2020	1"=20'	DN	XXX
REVISIONS						



NOT VALID UNLESS EMBOSSSED WITH SEAL OR FIXED WITH THE LIVE SIGNATORY.

I hereby declare that the information and data shown hereon is substantial and true to the best of my knowledge and belief.

Walter J. G. [Signature]
Professional Engineer No. 0011940