

ADA INSTRUCTIONS TO CONTRACTOR

- 1. ALL ACCESSIBLE (AKA ADA) PARKING SPACES MUST BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE 'AMERICANS WITH DISABILITIES ACT' (ADA) CODE 42 U.S.C. 12101 ET. SEQ. AND 42 U.S.C. 4151 ET. SEQ. AND THE REQUIREMENTS OF THE JURISDICTION WHERE THE PROJECT IS TO BE CONSTRUCTED, AND ANY AND ALL AMENDMENTS TO BOTH.
2. THE FOLLOWING COMPONENTS, AS CONSTRUCTED, MUST COMPLY WITH ALL APPLICABLE STATE AND LOCAL ACCESSIBILITY LAWS AND REGULATIONS AND THE CURRENT ADA AND/OR STATE ARCHITECTURAL ACCESS BOARD STANDARDS AND REGULATIONS' BARRIER FREE ACCESS AND ANY MODIFICATIONS, REVISIONS, AND/OR UPDATES. FINISHED SURFACES ALONG THE ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACE, PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS, INTER-BUILDING ACCESS TO POINTS OF ACCESSIBLE BUILDING ENTRANCES/EXITS, MUST COMPLY WITH THESE ADA AND/OR ARCHITECTURAL ACCESS BOARD CODE REQUIREMENTS INCLUDING, BUT LIMITED TO THE FOLLOWING:
2.1. PARKING SPACES AND PARKING AISLES - SLOPE SHALL NOT EXCEED 1:50 (1/4 PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.
2.2. CURB RAMPS - SLOPE MUST NOT EXCEED 1:12 (8.3%) FOR A MAXIMUM OF SIX (6) FEET.
2.3. LANDINGS - MUST BE PROVIDED AT EACH END OF RAMPS, MUST PROVIDE POSITIVE DRAINAGE, AND MUST NOT EXCEED 1:50 (1/4 PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.
2.4. PATH OF TRAVEL ALONG ACCESSIBLE ROUTE - MUST PROVIDE A 36-INCH OR GREATER UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS CANNOT REDUCE THIS MINIMUM WIDTH). THE SLOPE MUST BE NO GREATER THAN 1:20 (5.0%) IN THE DIRECTION OF TRAVEL, AND MUST NOT EXCEED 1:50 (1/4 PER FOOT OR NOMINALLY 2.0%) IN CROSS SLOPE. WHERE PATH OF TRAVEL WILL BE GREATER THAN 1:20 (5.0%), ADA RAMP MUST BE ADHERED TO. A MAXIMUM SLOPE OF 1:12 (8.3%), FOR A MAXIMUM RISE OF 2.5 FEET, MUST BE PROVIDED. THE RAMP MUST HAVE ADA HAND RAILS AND LEVEL LANDINGS ON EACH END THAT ARE CROSS SLOPED NO MORE THAN 1:50 IN ANY DIRECTION (1/4 PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE.
2.5. DOORWAYS - MUST HAVE A LEVEL LANDING AREA ON THE EXTERIOR SIDE OF THE DOOR THAT IS SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (1/4 PER FOOT OR 2.0% NOMINALLY) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO LESS THAN 60 INCHES (5 FEET) LONG, EXCEPT WHERE OTHERWISE PERMITTED BY ADA STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS.
2.6. WHEN THE PROPOSED CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION, OR EXTENSION OF OR TO ADA COMPONENTS FROM EXISTING DOORWAYS OR SURFACES, CONTRACTOR MUST VERIFY EXISTING ELEVATIONS SHOWN ON THE PLAN. NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDARDS FOR ACCESSIBILITY DESIGN ALLOWS FOR STEEPER RAMP SLOPES, IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER, IN WRITING, OF ANY DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER FROM WHAT IS SHOWN ON THE PLANS BEFORE THE START OF ANY WORK. CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ADA REQUIREMENTS.
2.7. THE CONTRACTOR MUST VERIFY THE SLOPES OF CONTRACTOR'S FORMS PRIOR TO THE POURING OF CONCRETE. IF ANY NON-CONFORMANCE IS OBSERVED OR EXISTS, CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO POURING CONCRETE. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR, AND REPLACE NON-CONFORMING CONCRETE AND STRUCTURES.
2.8. IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION WITH THE LOCAL BUILDING CODE PRIOR TO START OF CONSTRUCTION.

EROSION CONTROL MEASURES

- 1. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR DISTURBANCE AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
2. HAY BALE SEDIMENT TRAPS SHALL BE INSTALLED AT ALL DRAINAGE STRUCTURES. HAY BALE BARRIERS AND SILTATION FENCES ARE TO BE MAINTAINED AND CLEANED UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH PAVEMENT OR VEGETATION.
3. THE UNDERSIDE OF HAYBALES SHOULD BE KEPT IN CLOSE CONTACT WITH THE EARTH AND RESET AS NECESSARY. REMOVE SEDIMENT WHEN DEPTH IS 6" OR GREATER.
4. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED, AND ACCUMULATED SEDIMENT DISPOSED OF IN AN OFF-SITE LOCATION. ALL DISTURBED AREAS SHALL BE STABILIZED WITH APPROPRIATE GROUND COVER AS SOON AS POSSIBLE.
5. AFTER THE REMOVAL OF TEMPORARY EROSION CONTROL MEASURES, ALL DISTURBED AREAS SHALL RECEIVE 6" OF LOAM AS PER SPECIFICATIONS.
6. FILL MATERIALS SHALL BE FREE OF STUMPS, ROOTS, WOOD, ETC.
7. CLEAN OUT CATCH BASINS, DRAIN MANHOLES, STORM DRAIN PIPES, AND STORMWATER BASINS AFTER COMPLETION OF CONSTRUCTION.
8. SEDIMENT THAT IS COLLECTED IN STRUCTURES SHALL BE DISPOSED OF PROPERLY AND COVERED IF STORED ON-SITE.
9. BALED HAY AND MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS GROWTH, FREE OF NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY WHEN INSTALLED.
10. DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.
11. THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE, AND REPAIR ACTIVITIES. EROSION CONTROLS SHALL BE INSPECTED AFTER ALL RAINFALL EVENTS AND, AT A MINIMUM, ON A WEEKLY BASIS.
12. THIS PROJECT WILL DISTURB MORE THAN 1 ACRE OF LAND AND WILL REQUIRE A NPDES CONSTRUCTION GENERAL PERMIT FROM THE EPA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) ON SITE UNTIL ALL DISTURBED AREAS ARE STABILIZED.
13. PROPOSED INFILTRATION BASINS SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS DURING CONSTRUCTION WITHOUT WRITTEN APPROVAL OF THE OWNER'S REP. TEMPORARY SEDIMENT BASINS SHALL BE LINED WITH NONWOVEN FILTER FABRIC COVERED WITH SIX INCHES (6") OF CRUSHED STONE. PRIOR TO CONSTRUCTION OF INFILTRATION BASIN, THE STONE, FILTER FABRIC AND SEDIMENT SHALL BE REMOVED. BASIN SHALL BE INSPECTED AND APPROVED BY OWNERS REPRESENTATIVE PRIOR TO FINAL CONSTRUCTION OF INFILTRATION BASIN.
14. ON ALL SLOPES GREATER THAN 3:1, INSTALL EROSION CONTROL BLANKET.

GENERAL PLANTINGS NOTES:

- 1. CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL WRITTEN ACCEPTANCE OF PLANT MATERIAL.
2. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES, AND PLANTING BEDS.
3. MAXIMUM SLOPE WITHIN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
4. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING.
5. ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
6. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
7. ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
8. MULCH FOR PLANTED AREAS TO BE AGED PINE BARK; PARTIALLY DECOMPOSED, DARK BROWN IN COLOR AND FREE OF WOOD CHIPS THICKER THAN 1/4 INCH.
9. PLANTING SOIL MIX: LOAM THOROUGHLY INCORPORATED WITH ROTTED MANURE PROPORTIONED 5 C.Y. TO 1 C.Y. OR EQUIVALENT. FERTILIZER ADDED PER RECOMMENDED RATES OF SOILS ANALYSIS.
10. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
11. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE, AT THE NURSERY, AND AT THE SITE.
12. ALL AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED AND SEEDED WITH A MINIMUM DEPTH OF 6" TOPSOIL.
13. FINAL SELECTION OF SPECIES SHALL OCCUR AT THE TIME OF PLANT PURCHASE, DEPENDING ON AVAILABILITY. PLANT SIZE AND QUANTITY SHALL NOT CHANGE WITHOUT APPROVAL OF OWNER'S REPRESENTATIVE.

GENERAL CONSTRUCTION SEQUENCING

- 1. PRE-CONSTRUCTION MEETING WITH OWNER AND OWNER'S ENGINEER PRIOR TO COMMENCING ANY WORK.
2. PLACE CONSTRUCTION SAFETY FENCE AROUND PROPERTY TO LIMIT ACCESS AND PROTECT THE PUBLIC.
3. MOBILIZE TO SITE AND DEVELOP A CONSTRUCTION STAGING AREA APPROVED BY OWNER AND THE ENGINEER.
4. PLACE ENVIRONMENTAL PROTECTION DEVICES INCLUSIVE OF STRAW WATTLES, SILTATION FENCING, AND TEMPORARY STABILIZATION. ESTABLISH SOIL STOCKPILE AREAS AND PLACE SILTATION FENCING AROUND THE STOCKPILE AREAS TO CONTAIN THE SOIL. ALSO, PROVIDE SILT SACKS AT EXISTING DOWN-GRADIENT CATCH BASINS.
5. THE OWNER RESERVES THE RIGHT TO SCHEDULE THE CONTRACTOR TO CONSTRUCT AT ANY LOCATIONS WITHIN THE PROJECT AREA. AT THE SAME TIME THE OWNER MAY SCHEDULE THE SUSPENSION OF CONSTRUCTION AT ANY LOCATION.
6. AFTER THE CONTRACTOR HAS STAKED OUT THE FACILITIES TO BE CONSTRUCTED AND HAS THE APPROVED MATERIALS ON THE JOB, THE OWNER'S ENGINEER SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS IN ADVANCE OF CONSTRUCTION TO ARRANGE INSPECTIONS. THE TOWN OF LINCOLN SHALL BE PROVIDED NOTIFICATION FOR DAILY INSPECTIONS IF REQUIRED. NOTIFY TOWN 2 WEEKS PRIOR TO STARTING CONSTRUCTION.
7. CLEAR AND GRUB WITHIN WORK LIMITS.
8. HAVE A WATER TRUCK ON-SITE TO MINIMIZE FUGITIVE DUST DURING BUILDING DEMOLITION, EXCAVATION, PAVEMENT OR PARKING SURFACE DEMOLITION, SHED FOUNDATION EXCAVATIONS AND GENERAL CONSTRUCTION PROCESSES.
9. FOR THE PROTECTION OF LIFE AND PROPERTY, ALL BACKFILL OPERATIONS SHALL FOLLOW CLOSELY BEHIND ANY OPEN EXCAVATION OR PIPE LAYING. THE CONTRACTOR SHALL ENSURE THAT NO EXCAVATION BE LEFT OPEN, UNGUARDED, OR WATER FILLED DURING ANY PERIOD OF TIME WHEN WORK IS NOT ACTUALLY IN PROGRESS. IT IS THE PURPOSE AND INTENT THAT ALL EXCAVATIONS AND BACKFILLING, INCLUDING CONSOLIDATION OPERATIONS, AND TEMPORARY SURFACING WITHIN AN AREA BE ACCOMPLISHED EXPEDITIOUSLY BEFORE PROCEEDING TO OTHER WORK AREAS.
10. SHOULD DEWATERING BE NECESSARY, THE CONTRACTOR SHALL DESIGN AND INSTALL A DEWATERING FACILITY AS REQUIRED, SEE GENERAL NOTES AND SPECIFICATIONS. CONTRACTOR'S DESIGN SHALL BE APPROVED BY OWNERS ENGINEERING AND LOCAL CONSERVATION COMMISSION AGENT.
11. BACKFILLING WILL ONLY OCCUR IN THE DESIGNATED AREAS, AND EROSION CONTROL PRACTICES SHALL BE SET IN PLACE PRIOR TO BACKFILLING TO ENSURE NO SEDIMENT MIGRATION OFF-SITE OR TO DRAINAGE SYSTEMS DURING THE BACKFILLING PROCEDURE. BACKFILLING SHALL OCCUR IN 6-12 INCH LIFTS, AND SHALL BE COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY.
12. EXCAVATE AND REMOVE THE EXISTING PAVED SURFACES TO BE REPLACED, AS NOTED ON THE SITE PLANS, AND SUCH SOILS ARE TO BE USED AS COMMON FILL WHERE ACCEPTABLE TO THE ENGINEER OR TRUCKED AWAY AND DISPOSED OF IN A LEGAL MANNER.
13. ROUGH GRADE PARKING AREAS AND ACCESS WAY SUB GRADE AND REFILL GRAVEL TO MAINTAIN ROAD GRADES.
14. ROUGH GRADE THE GROUND AROUND FOUNDATIONS, PARKING LOT AREAS, RAINGARDENS, AND INFILTRATION BASINS.
15. INSTALL NEW CATCH BASINS, SEDIMENT FOREBAYS, DRAIN PIPES, WATER SERVICE AND OTHER REQUIRED UTILITIES (GAS, ELECTRIC, TELEPHONE/CABLE) TO SCHOOL, HYDRANT, AND INFILTRATION SYSTEMS. INSTALL SILT SACKS ONCE NEW CATCH BASINS ARE INSTALLED.
16. PLACE BINDER FOR ALL PARKING LOT REPLACEMENT AREAS AND ANY NEW PARKING LOT AREAS, AND INSTALL ACCESS WAY AND PARKING LOT GRANITE CURBING.
17. CONSTRUCT SIDEWALKS, RAMPS, AND OTHER PEDESTRIAN FACILITIES AROUND THE BUILDING AND PARKING LOT.
18. PLACE TOPSOIL ON AREAS NOT BEING PAVED OR COMPLETED WITH OTHER FEATURES.
19. INSTALL FINAL LANDSCAPING, INCLUDING HYDROSEEDING OF LOAM AREAS TO BECOME LAWN, LIGHT POLES, WALKWAYS, CONCRETE PADS, AND DUMPSTER PAD CONSTRUCTION.
20. MONITOR ROAD AND TRENCH SETTLEMENT DURING CONSTRUCTION PROCESS.
21. FINALIZE ALL GRADING FOR THE SITE.
22. REMOVE AND PROPERLY DISPOSE OF SILT AND COLLECTED DEBRIS FROM ALL ENVIRONMENTAL PROTECTION DEVICES. CLEAN UP SITE, REMOVE SILT SACKS, CLEAN CATCH BASINS.
23. REMOVE ENVIRONMENTAL PROTECTION DEVICES AFTER RECEIVING APPROVAL FROM THE ENGINEER AND TOWN'S CONSERVATION COMMISSION.
24. DEMOBILIZE FROM SITE.

SITE PREPARATION NOTES

- 1. WITHIN THE LIMIT OF THE WORK LINE AS NOTED ON THE EROSION AND SEDIMENTATION CONTROL PLAN, REMOVE AND DISCARD ALL CONCRETE PAVEMENT, BITUMINOUS CONCRETE PAVEMENT, BRICK PAVEMENT, TOP SOIL, MULCH, TRASH, DEAD TREES AND STUMPS, SHRUBBERY, CHAIN LINK FENCE POSTS, RAILS, FABRIC, GATES, FOOTINGS AND ALL APPURTENANCES, BOLLARDS, POSTS, CONCRETE FOOTINGS AND FOUNDATIONS, WALLS AND CURBS UNLESS OTHERWISE NOTED.
2. THE OWNER'S REPRESENTATIVE SHALL BE CONSULTED AND WILL REVIEW THE LIMIT OF WORK LINE ON SITE WITH THE CONTRACTOR BEFORE ANY WORK SHALL COMMENCE.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK.
4. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO CONTRACTOR OPERATIONS.
5. ALL ITEMS TO BE REMOVED THAT ARE NOT STOCKPILED FOR LATER REUSE ON THE PROJECT OR DELIVERED TO THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
6. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON THE SURVEY REFERENCED ABOVE. THE CONTRACTOR SHALL CONTACT DISSAFE AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS EFFORTS OF THE DEMOLITION WITH ALL TRADES.
8. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY.
9. THE CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MANHOLES, CATCH BASINS, HANDHOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE OWNER'S REPRESENTATIVE.
10. TRAILER, STOCKPILES, AND STAGING AREAS ARE RECOMMENDED AREAS. FINAL LOCATIONS WILL BE DETERMINED BY THE MEANS AND METHODS SELECTED BY THE CONTRACTOR. VARIATIONS FROM THIS PLAN SHALL BE REVIEWED WITH THE OWNER'S REPRESENTATIVE PRIOR TO IMPLEMENTATION.
11. CONTRACTOR SHALL COORDINATE WITH THE LOCAL BOARD OF HEALTH FOR THE REMOVAL OF ANY EXISTING SEPTIC SYSTEM AND ALL CONNECTIONS.
12. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING CONSTRUCTION

GENERAL DEMOLITION NOTES

- 1. CONTRACTOR SHALL PERFORM ALL WORK AS PER THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (29 U.S.C. 651 et seq.) AND ANY MODIFICATIONS, AMENDMENTS, AND REVISIONS.
2. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL, FOR WHICH THE REMOVAL OF IS NOT INCLUDED IN THE PROJECT PLANS AND SPECIFICATIONS, THE CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK AND NOTIFY THE OWNER AND THE ENGINEER.
3. THE CONTRACTOR MUST PROVIDE ALL MEANS AND METHODS NECESSARY FOR THE PREVENTION OF MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES AND ANY OTHER IMPROVEMENTS THAT ARE TO REMAIN ON OR OFF SITE. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL NECESSARY REPAIRS OF DAMAGED STRUCTURES AND IMPROVEMENTS.
4. EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND ALL APPLICABLE GOVERNMENT AUTHORITIES. ALL REQUIRED PERMITS AND EXPLOSIVE CONTROL MEASURES REQUIRED BY LOCAL AND STATE AUTHORITIES MUST BE IN PLACE.
5. DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT BE USED OUTSIDE THE LIMITS OF WORK AS SHOWN ON THE DRAWINGS.
6. CONTRACTOR IS RESPONSIBLE FOR THE SAFEGUARD OF OF THE SITE AS NECESSARY DURING DEMOLITION AND CONSTRUCTION ACTIVITIES TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS AT ANY TIME.
7. CONTRACTOR TO MAINTAIN A RECORD SET OF PLANS WHICH MUST ALSO INCLUDE THE LOCATION OF EXISTING UTILITIES THAT HAVE BEEN CAPPED, ABANDONED IN PLACE, OR RELOCATED DUE TO DEMOLITION ACTIVITIES. RECORD DOCUMENT MUST BE TURNED OVER TO ENGINEER UPON PROJECT COMPLETION.

FOR PERMITTING ONLY NOT FOR CONSTRUCTION

Table with 2 columns: Revision, Issued. Includes a signature line for Kevin P. Kelly, dated March 24, 2017.

Client/Project: Toll MA Land III L.P., Westborough, MA

SEASIDE AT SCITUATE

Town of Scituate, Plymouth County, Massachusetts

Title: GENERAL NOTES

Permit No.



Project Number: 3599, File Name: 3599-S-NOTES

ESE, Stantec, Stantec, 2017.03.24

Dwg, Chtcl, Dsgn, TY.MALDD

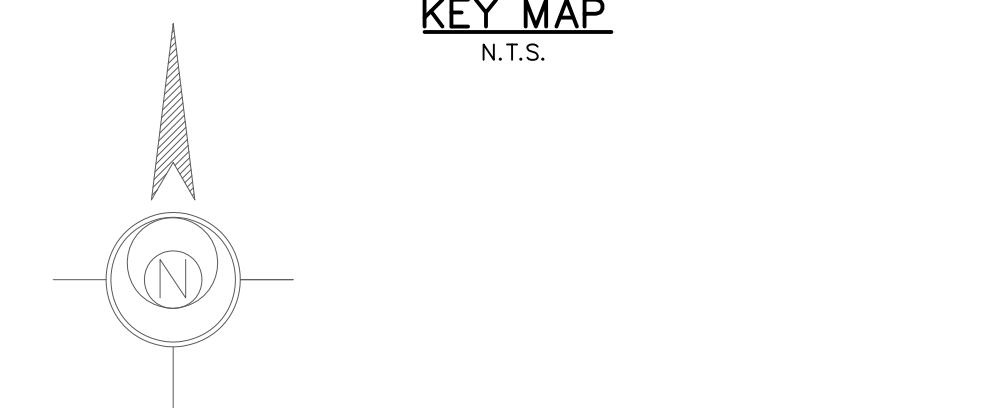
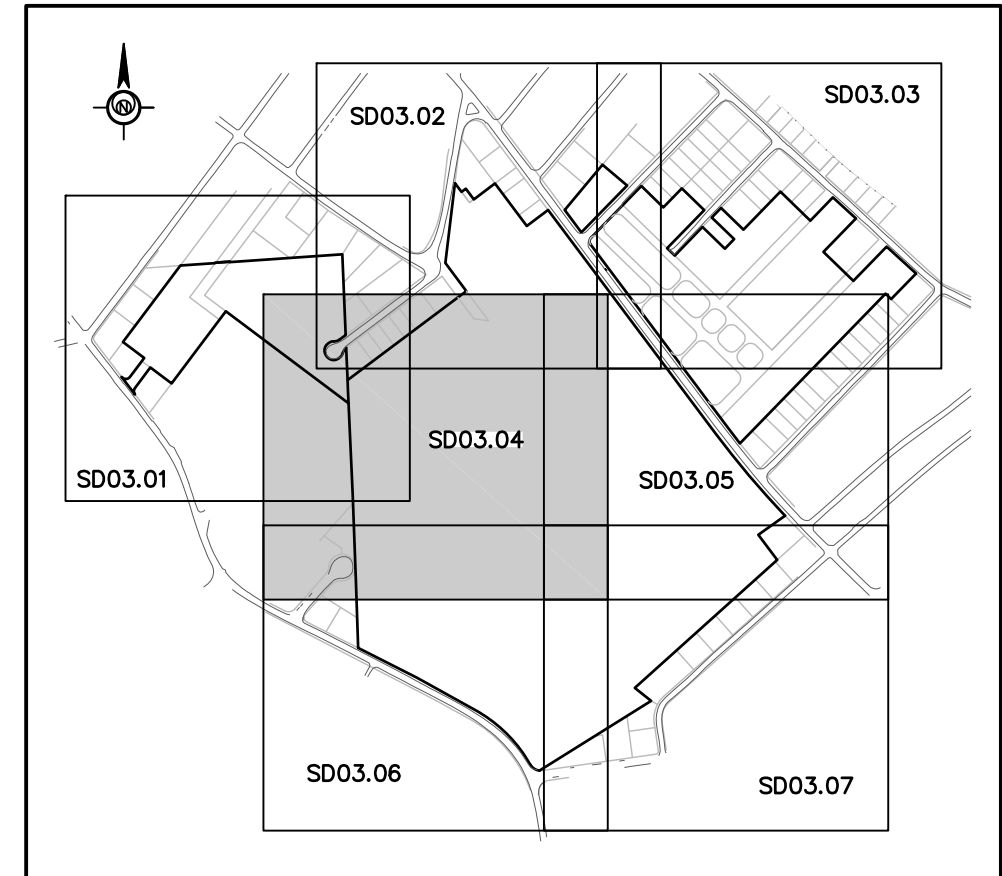
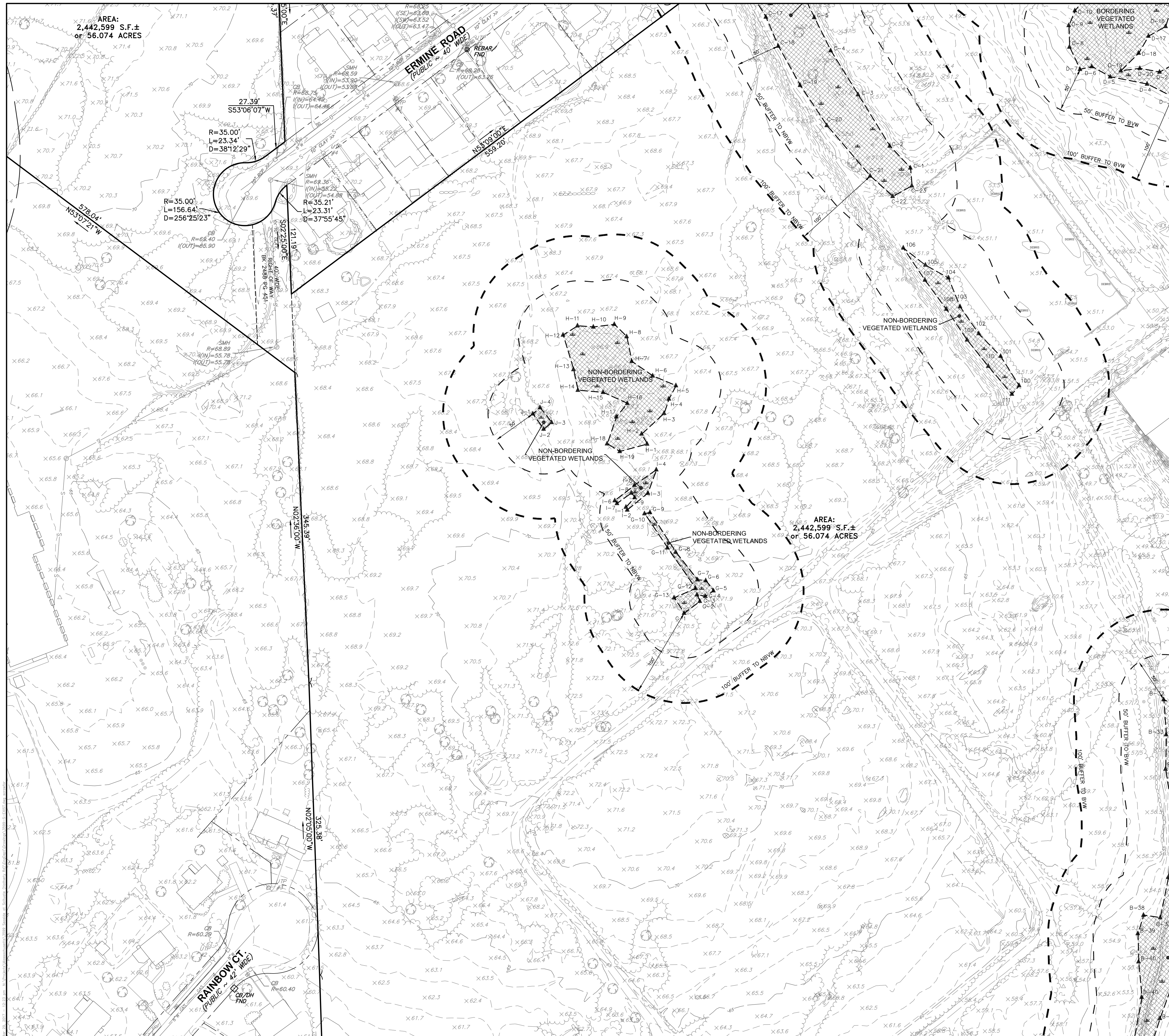
Drawing No. SD02.02

Revision Sheet



144 Main Street Unit 3, Hyannis, Massachusetts 02601-3128, www.stantec.com

The Contractor will verify and be responsible for all dimensions, DDO NOT SCALE. The Contractor will verify and be responsible for all dimensions, DDO NOT SCALE. The Contractor will verify and be responsible for all dimensions, DDO NOT SCALE. The Contractor will verify and be responsible for all dimensions, DDO NOT SCALE. The Contractor will verify and be responsible for all dimensions, DDO NOT SCALE.



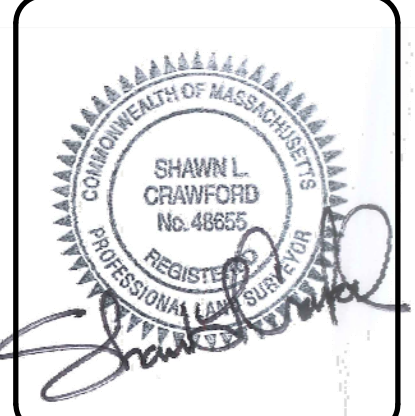
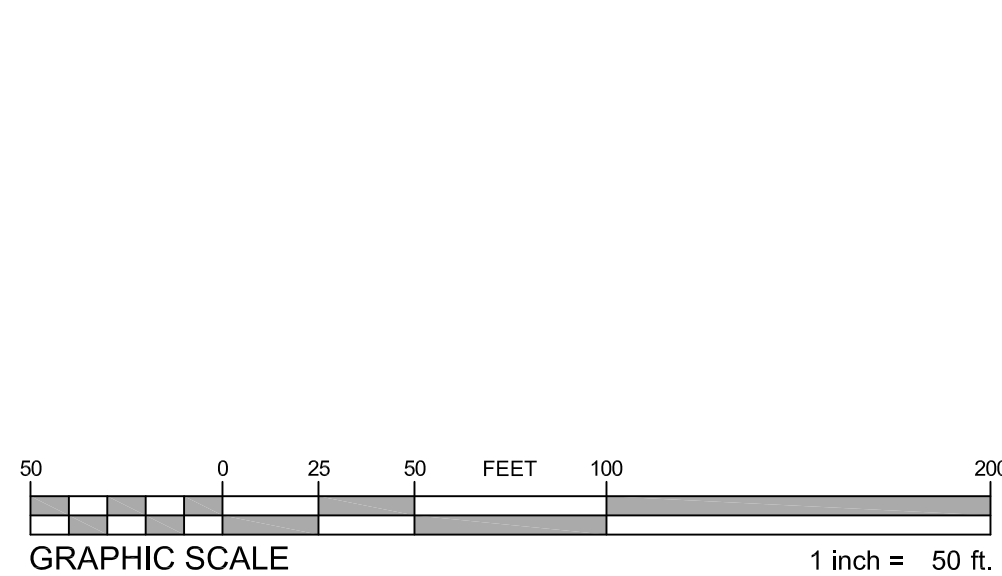
LEGEND

○	EXISTING HYDRANT	○	EXISTING MISCELLANEOUS FEATURE
○	EXISTING VALVE	○	DEFINED EXISTING TREE LOCATION
○	EXISTING MANHOLE	○	UNDEFINED EXISTING TREE LOCATION
○	EXISTING CURB INLET	○	EXISTING SHRUB
○	EXISTING INLET	○	EXISTING SPOT ELEVATION
○	EXISTING WELLHEAD	○	SWAMP
○	EXISTING STREET LAMP	○	EXISTING TRAFFIC SIGNAL POLE
○	EXISTING PRIVATE LAMP	○	EXISTING FLAG POLE
○	EXISTING UTILITY POLE & LAMP	○	HORIZ. & VERT. AERIAL CONTROL
○	EXISTING SUPPORT POLE	○	HORIZ. AERIAL CONTROL
○	EXISTING UTILITY POLE	○	VERT. AERIAL CONTROL
○	EXISTING POST		
○	EXISTING SINGLE POST SIGN		
○	EXISTING DOUBLE POST SIGN		
○	EXISTING PRIVATE MAILBOX		
○	EXISTING PUBLIC MAILBOX		
○	EXISTING STRUCTURE		

---	EXISTING PROPERTY LINE	---	EXISTING TREELINE
---	EXISTING BRUSH/SHRUBLINE	---	EXISTING WATER
---	EXISTING TRAIL	---	EXISTING STONEWALL
---	EXISTING FENCE	---	EXISTING GUIDE RAIL
---	EXISTING CONTOURS	---	EXISTING CARTWAY
---	EXISTING GAS LINE	---	EXISTING WATER LINE
---	EXISTING OVERHEAD WIRES	---	EXISTING SANITARY SEWER W/MANHOLE
---	EXISTING STORM SEWER W/INLET	---	EXISTING SOILS LINE
---	OBSCURED AREA	---	FEMA FLOOD LINE - ELEV=16.0
---	100' WETLAND BUFFER	---	50' WETLAND BUFFER
---	WETLANDS LIMIT		
---	WETLAND FLAGS		

NOTES:

- THE PROJECT SITE IS LOCATED PARTLY WITHIN ZONE "X" (AREA OF MINIMAL FLOODING) AND WITHIN ZONE AE (EL 15) AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE TOWN OF SCITUATE, MASSACHUSETTS, PLYMOUTH COUNTY, COMMUNITY PANEL NO. 2502300128K, HAVING AN EFFECTIVE DATE OF NOVEMBER 4, 2016. BASE OF ELEVATIONS ARE REFERENCED TO NAVD 29.
- TOPOGRAPHIC FEATURES COMPILED BY ESE CONSULTANTS, INC BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY PERFORMED IN APRIL 2014.
- WETLAND FLAGS WERE DELINEATED ON 5/9/14, 5/12/14 AND 6/12/14 BY LEC ENVIRONMENTAL CONSULTANTS, INC.
- WETLAND BOUNDARY (CONTOUR 16) WAS ESTABLISHED FROM AERIAL TOPOGRAPHY USING VERTICON TO CONVERT BASE FLOOD ELEVATIONS FROM NAVD88 TO NAVD29 DATUM.

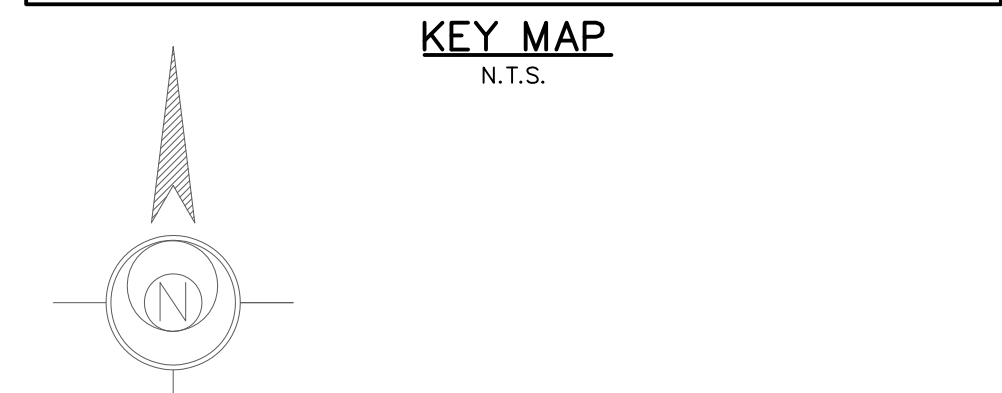
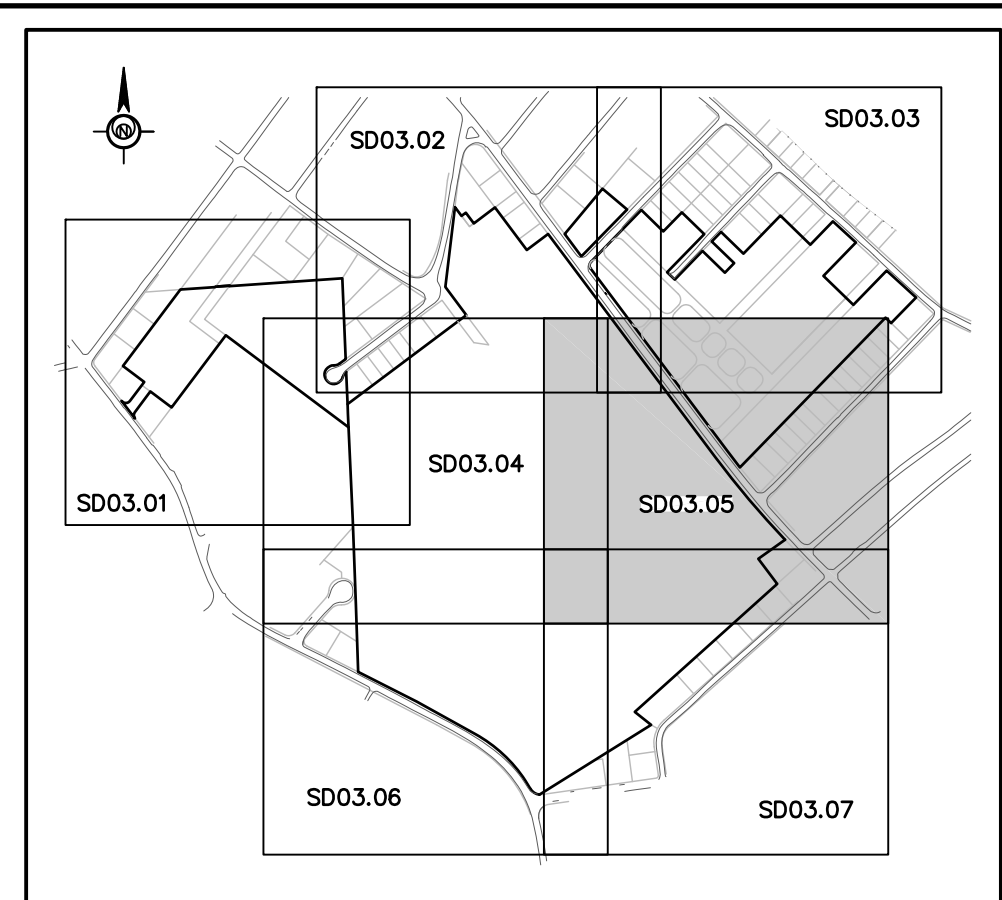


ESE CONSULTANTS
 ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL
 ESE Consultants, Inc.
 124 Flanders Road • Suite 275 • Westborough, MA 01581
 T: 508-616-8129

NO.	DESCRIPTION	REV.	DATE

EXISTING CONDITIONS PLAN
 PREPARED FOR
TOLL MA LAND III L.P.
 IN
SCITUATE, MASSACHUSETTS

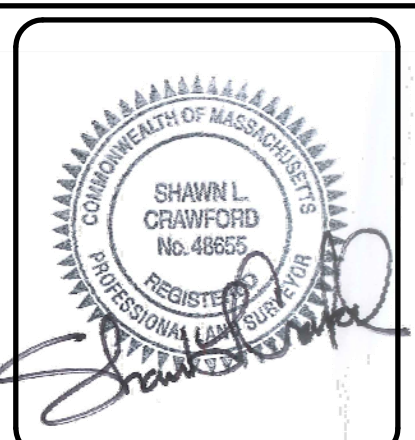
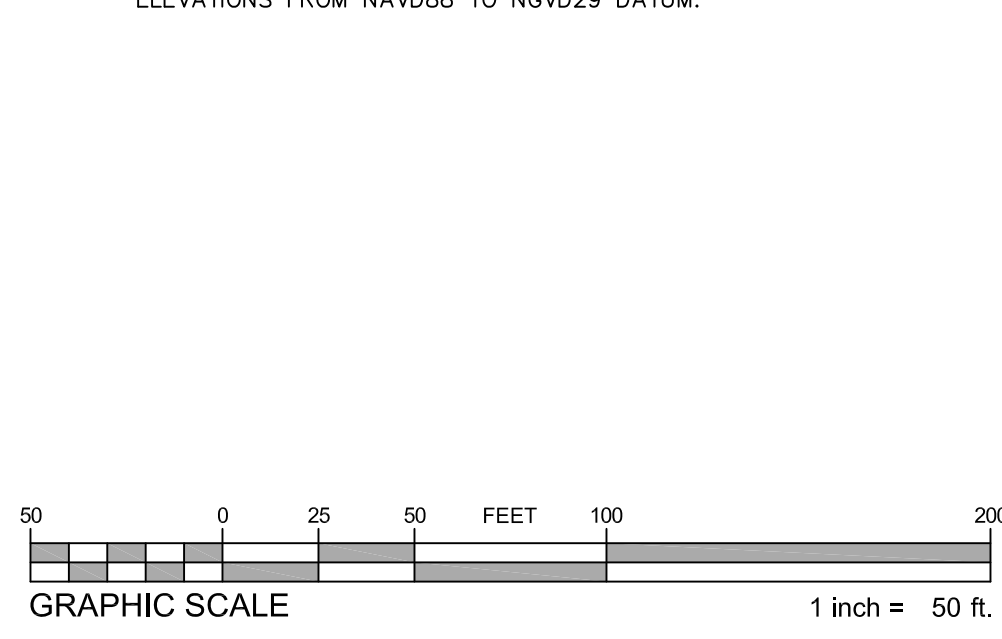
DATE: 3/24/17 SCALE: 1"=50'
 CHK'D BY: DRAWN: SLC
 JOB NO.: 3599 FILE NAME: 3599-S-EXST
 DWG. NO.: **SD04.04**
 SHEET NO.: **9** OF **37**



LEGEND

<ul style="list-style-type: none"> EXISTING HYDRANT EXISTING VALVE EXISTING MANHOLE EXISTING CURB INLET EXISTING INLET EXISTING WELLHEAD EXISTING STREET LAMP EXISTING PRIVATE LAMP EXISTING UTILITY POLE & LAMP EXISTING SUPPORT POLE EXISTING UTILITY POLE EXISTING POST EXISTING SINGLE POST SIGN EXISTING DOUBLE POST SIGN EXISTING PRIVATE MAILBOX EXISTING PUBLIC MAILBOX EXISTING STRUCTURE 	<ul style="list-style-type: none"> EXISTING MISCELLANEOUS FEATURE DEFINED EXISTING TREE LOCATION UNDEFINED EXISTING TREE LOCATION EXISTING SHRUB EXISTING SPOT ELEVATION SWAMP EXISTING TRAFFIC SIGNAL POLE EXISTING FLAG POLE HORIZ. & VERT. AERIAL CONTROL HORIZ. AERIAL CONTROL VERT. AERIAL CONTROL
<ul style="list-style-type: none"> EXISTING PROPERTY LINE EXISTING TREELINE EXISTING BRUSH/SHRUBLINE EXISTING WATER EXISTING TRAIL EXISTING STONEWALL EXISTING FENCE EXISTING GUIDE RAIL EXISTING CONTOURS EXISTING CARTWAY EXISTING GAS LINE EXISTING WATER LINE EXISTING OVERHEAD WIRES EXISTING SANITARY SEWER W/MANHOLE EXISTING STORM SEWER W/INLET SOILS LINE OBSCURED AREA FEMA FLOOD LINE - ELEV.=16.0 100' WETLAND BUFFER 50' WETLAND BUFFER WETLANDS LIMIT WETLAND FLAGS 	

- NOTES:**
1. THE PROJECT SITE IS LOCATED PARTLY WITHIN ZONE "X" (AREA OF MINIMAL FLOODING) AND WITHIN ZONE AE (EL 15) AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE TOWN OF SCITUATE, MASSACHUSETTS, PLYMOUTH COUNTY, COMMUNITY PANEL NO. 2502300128K, HAVING AN EFFECTIVE DATE OF NOVEMBER 4, 2016. BASE OF ELEVATIONS ARE REFERENCED TO NGVD 29.
 2. TOPOGRAPHIC FEATURES COMPILED BY ESE CONSULTANTS, INC BY PHOTOGRAEMTRIC METHODS FROM AERIAL PHOTOGRAPHY PERFORMED IN APRIL 2014.
 3. WETLANDS WERE DELINEATED ON 5/9/14, 5/12/14 AND 6/12/14 BY LEC ENVIRONMENTAL CONSULTANTS, INC.
 4. WETLAND FLAGS WERE LOCATED BY ESE CONSULTANTS, INC.
 5. FLOODPLAIN BOUNDARY (CONTOUR 16) WAS ESTABLISHED FROM AERIAL TOPOGRAPHY USING VERTICON TO CONVERT BASE FLOOD ELEVATIONS FROM NAVD88 TO NGVD29 DATUM.

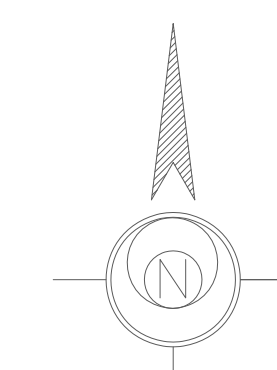
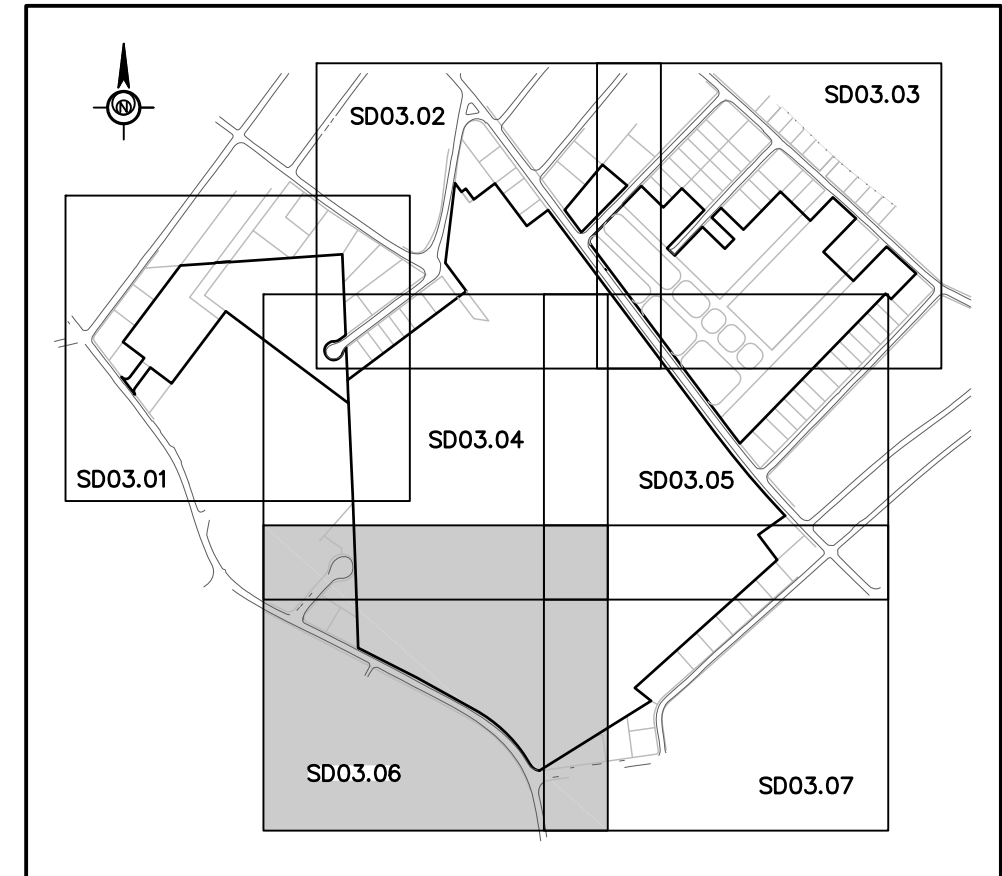
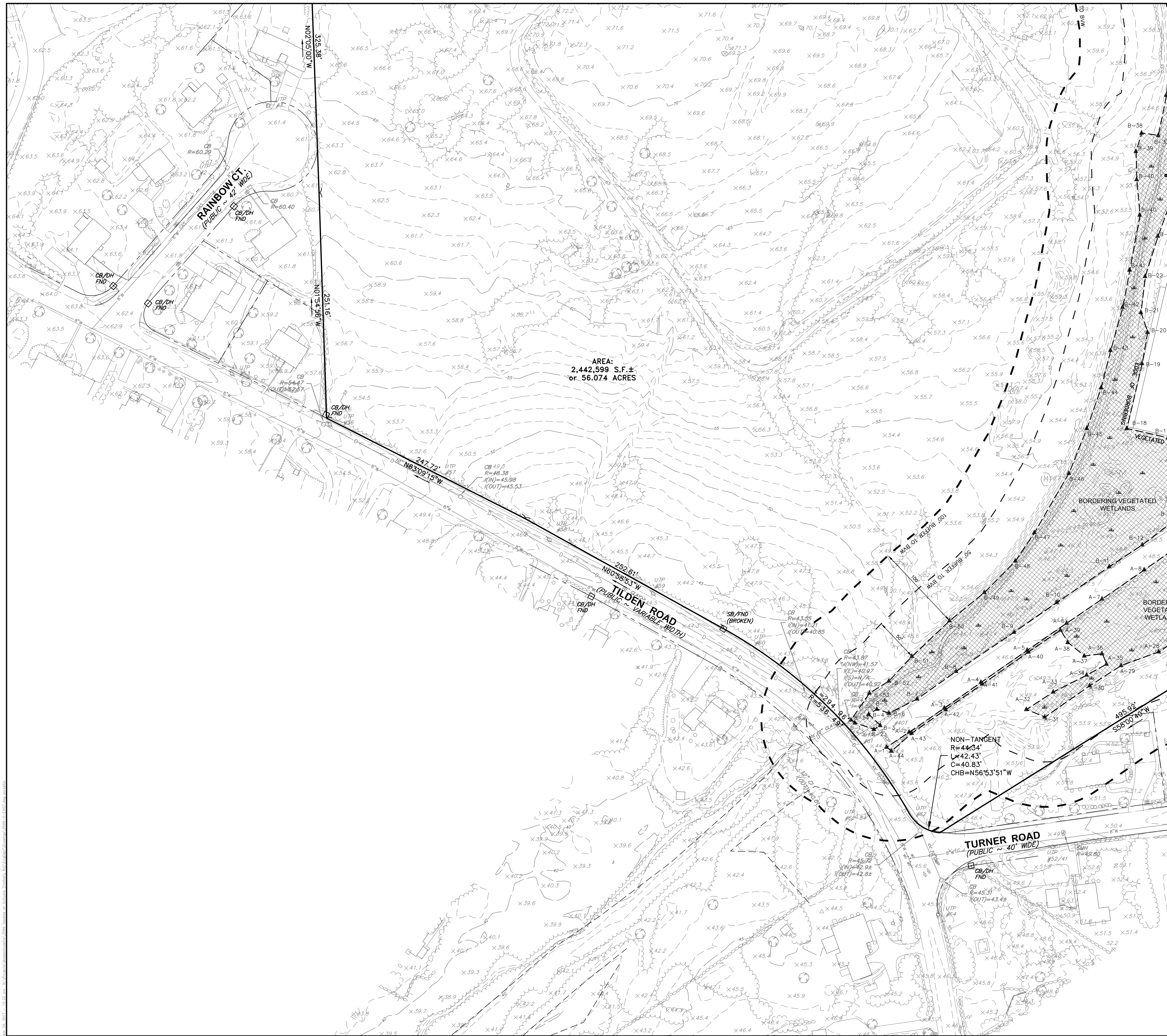


ESE CONSULTANTS
 ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL
 ESE Consultants, Inc.
 134 Flanders Road • Suite 275 • Westborough, MA 01581
 T: 508-616-8129

REV.	DATE	DESCRIPTION

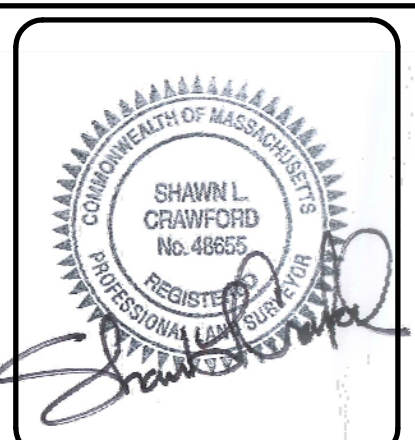
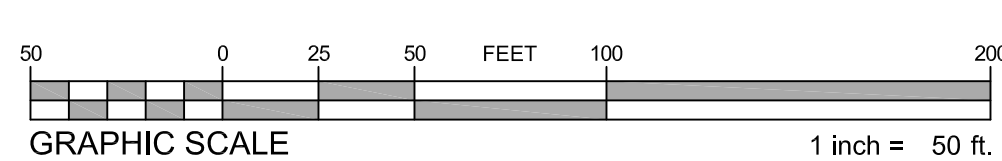
EXISTING CONDITIONS PLAN
 PREPARED FOR
TOLL MA LAND III L.P.
 IN
SCITUATE, MASSACHUSETTS

DATE: 3/24/17	SCALE: 1"=50'
CHK'D BY: [Signature]	DRAWN: SLG
JOB NO.: 3599	FILE NAME: 3599-S-EXIST
DWG. NO.: SD04.05	
SHEET NO.: 10 OF 37	



- LEGEND**
- EXISTING HYDRANT
 - EXISTING VALVE
 - EXISTING MANHOLE
 - EXISTING CURB INLET
 - EXISTING INLET
 - EXISTING WELLHEAD
 - EXISTING STREET LAMP
 - EXISTING PRIVATE LAMP
 - EXISTING UTILITY POLE & LAMP
 - EXISTING SUPPORT POLE
 - EXISTING UTILITY POLE
 - EXISTING POST
 - EXISTING SINGLE POST SIGN
 - EXISTING DOUBLE POST SIGN
 - EXISTING PRIVATE MAILBOX
 - EXISTING PUBLIC MAILBOX
 - EXISTING STRUCTURE
 - EXISTING MISCELLANEOUS FEATURE
 - DEFINED EXISTING TREE LOCATION
 - UNDEFINED EXISTING TREE LOCATION
 - EXISTING SHRUB
 - EXISTING SPOT ELEVATION
 - SWAMP
 - EXISTING TRAFFIC SIGNAL POLE
 - EXISTING FLAG POLE
 - HORIZ. & VERT. AERIAL CONTROL
 - HORIZ. AERIAL CONTROL
 - VERT. AERIAL CONTROL
 - EXISTING PROPERTY LINE
 - EXISTING TREETLINE
 - EXISTING BRUSH/SHRUBLINE
 - EXISTING WATER
 - EXISTING TRAIL
 - EXISTING STONEWALL
 - EXISTING FENCE
 - EXISTING GUIDE RAIL
 - EXISTING CONTOURS
 - EXISTING CARTWAY
 - EXISTING GAS LINE
 - EXISTING WATER LINE
 - EXISTING OVERHEAD WIRES
 - EXISTING SANITARY SEWER W/MANHOLE
 - EXISTING STORM SEWER W/INLET
 - SOILS LINE
 - FEMA FLOOD LINE - ELEV=16.0
 - 100' WETLAND BUFFER
 - 50' WETLAND BUFFER
 - WETLANDS LIMIT
 - WETLAND FLAGS

- NOTES:**
- THE PROJECT SITE IS LOCATED PARTLY WITHIN ZONE "X" (AREA OF MINIMAL FLOODING) AND WITHIN ZONE AE (EL 15) AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE TOWN OF SCITUATE, MASSACHUSETTS, PLYMOUTH COUNTY, COMMUNITY PANEL NO. 2502300128K, HAVING AN EFFECTIVE DATE OF NOVEMBER 4, 2016. BASE OF ELEVATIONS ARE REFERENCED TO NGVD 29.
 - TOPOGRAPHIC FEATURES COMPILED BY ESE CONSULTANTS, INC BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY PERFORMED IN APRIL 2014.
 - WETLAND FLAGS WERE DELINEATED ON 5/9/14, 5/12/14 AND 6/12/14 BY LEC ENVIRONMENTAL CONSULTANTS, INC.
 - WETLAND FLAGS WERE LOCATED BY ESE CONSULTANTS, INC.
 - FLOODPLAIN BOUNDARY (CONTOUR 16) WAS ESTABLISHED FROM AERIAL TOPOGRAPHY USING VERTICON TO CONVERT BASE FLOOD ELEVATIONS FROM NAVD88 TO NGVD29 DATUM.



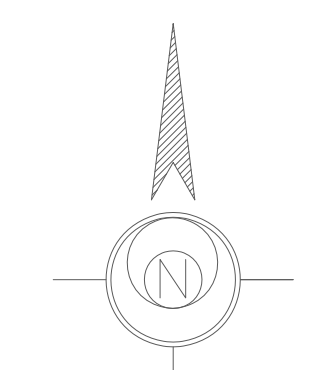
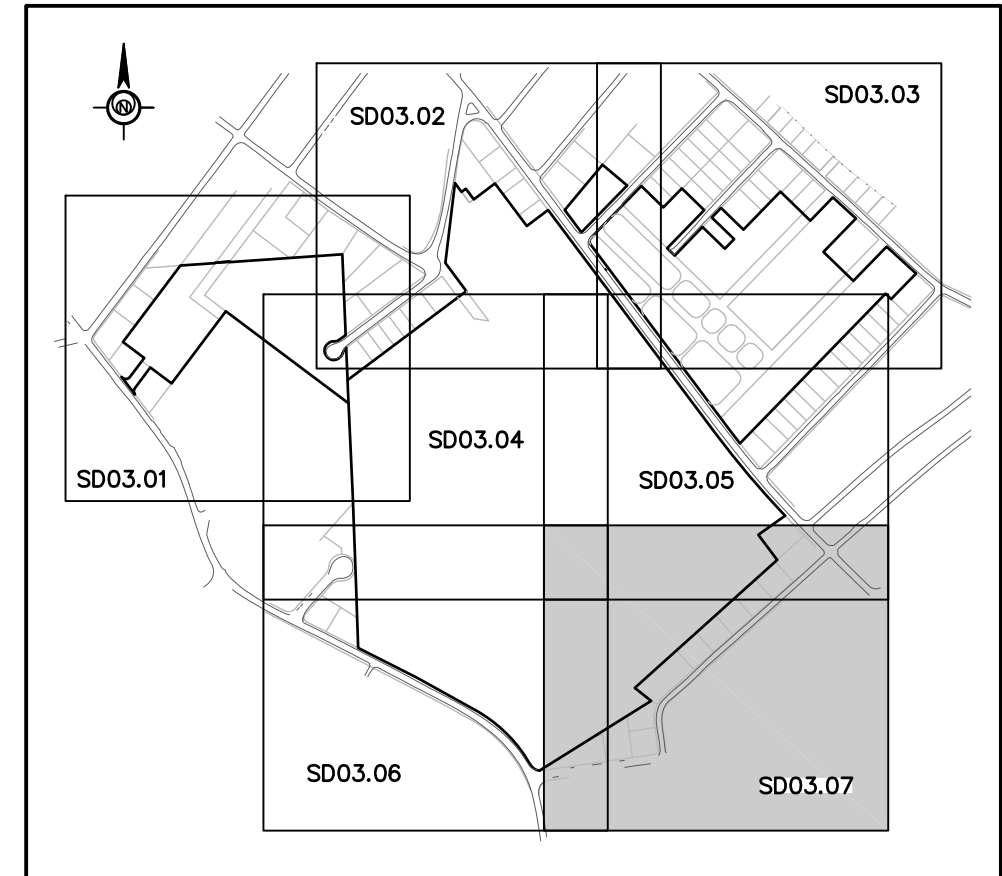
ESE CONSULTANTS
ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.
154 Flanders Road • Suite 275 • Westborough, MA 01581
T: 508-616-8129

NO.	DESCRIPTION	DATE

EXISTING CONDITIONS PLAN
PREPARED FOR
TOLL MA LAND III L.P.
IN
SCITUATE, MASSACHUSETTS

DATE: 3/24/17	SCALE: 1"=50'
CHK'D BY: SLC	DRAWN: SLC
JOB NO.: 3599	FILE NAME: 3599-S-EXIST
DWG. NO.: SD04.06	SHEET NO.: 11 OF 37

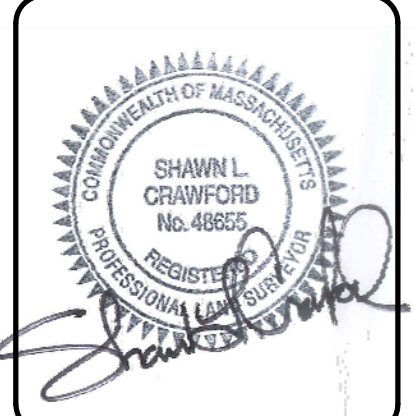
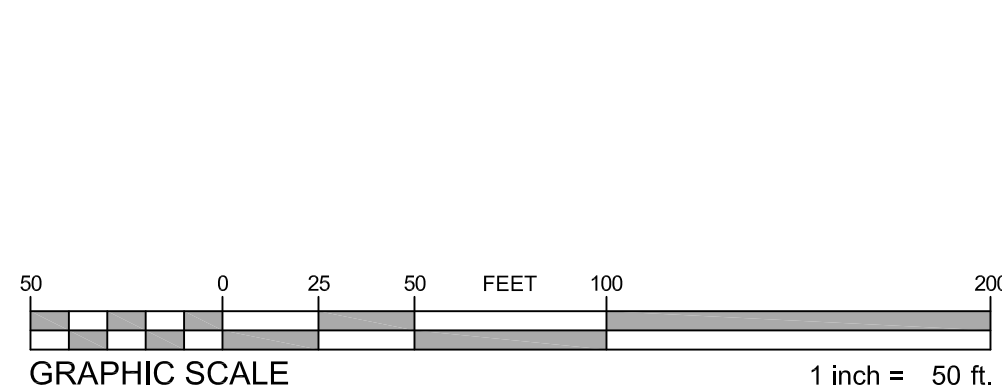


KEY MAP
N.T.S.

LEGEND

	EXISTING HYDRANT		EXISTING MISCELLANEOUS FEATURE
	EXISTING VALVE		DEFINED EXISTING TREE LOCATION
	EXISTING MANHOLE		UNDEFINED EXISTING TREE LOCATION
	EXISTING CURB INLET		EXISTING SHRUB
	EXISTING INLET		EXISTING SPOT ELEVATION
	EXISTING WELLHEAD		SWAMP
	EXISTING STREET LAMP		EXISTING TRAFFIC SIGNAL POLE
	EXISTING PRIVATE LAMP		EXISTING FLAG POLE
	EXISTING UTILITY POLE & LAMP		HORIZ. & VERT. AERIAL CONTROL
	EXISTING SUPPORT POLE		HORIZ. AERIAL CONTROL
	EXISTING UTILITY POLE		VERT. AERIAL CONTROL
	EXISTING POST		
	EXISTING SINGLE POST SIGN		
	EXISTING DOUBLE POST SIGN		
	EXISTING PRIVATE MAILBOX		
	EXISTING PUBLIC MAILBOX		
	EXISTING STRUCTURE		
	EXISTING PROPERTY LINE		
	EXISTING TREELINE		
	EXISTING BRUSH/SHRUBLINE		
	EXISTING WATER		
	EXISTING TRAIL		
	EXISTING STONE WALL		
	EXISTING FENCE		
	EXISTING GUIDE RAIL		
	EXISTING CONTOURS		
	EXISTING CARTWAY		
	EXISTING GAS LINE		
	EXISTING WATER LINE		
	EXISTING OVERHEAD WIRES		
	EXISTING SANITARY SEWER W/MANHOLE		
	EXISTING STORM SEWER W/INLET		
	SOILS LINE		
	FEMA FLOOD LINE - ELEV=16.0		
	100' WETLAND BUFFER		
	50' WETLAND BUFFER		
	WETLANDS LIMIT		
	WETLAND FLAGS		

- NOTES:**
1. THE PROJECT SITE IS LOCATED PARTLY WITHIN ZONE "X" (AREA OF MINIMAL FLOODING) AND WITHIN ZONE AE (EL 15) AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE TOWN OF SCITUATE, MASSACHUSETTS, PLYMOUTH COUNTY, COMMUNITY PANEL NO. 2502300128K, HAVING AN EFFECTIVE DATE OF NOVEMBER 4, 2016. BASE OF ELEVATIONS ARE REFERENCED TO NGVD 29.
 2. TOPOGRAPHIC FEATURES COMPILED BY ESE CONSULTANTS, INC BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY PERFORMED IN APRIL 2014.
 3. WETLAND FLAGS WERE DELINEATED ON 5/9/14, 5/12/14 AND 6/12/14 BY LEC ENVIRONMENTAL CONSULTANTS, INC.
 4. WETLAND FLAGS WERE LOCATED BY ESE CONSULTANTS, INC.
 5. FLOODPLAIN BOUNDARY (CONTOUR 16) WAS ESTABLISHED FROM AERIAL TOPOGRAPHY USING VERTCON TO CONVERT BASE FLOOD ELEVATIONS FROM NAVD88 TO NGVD29 DATUM.

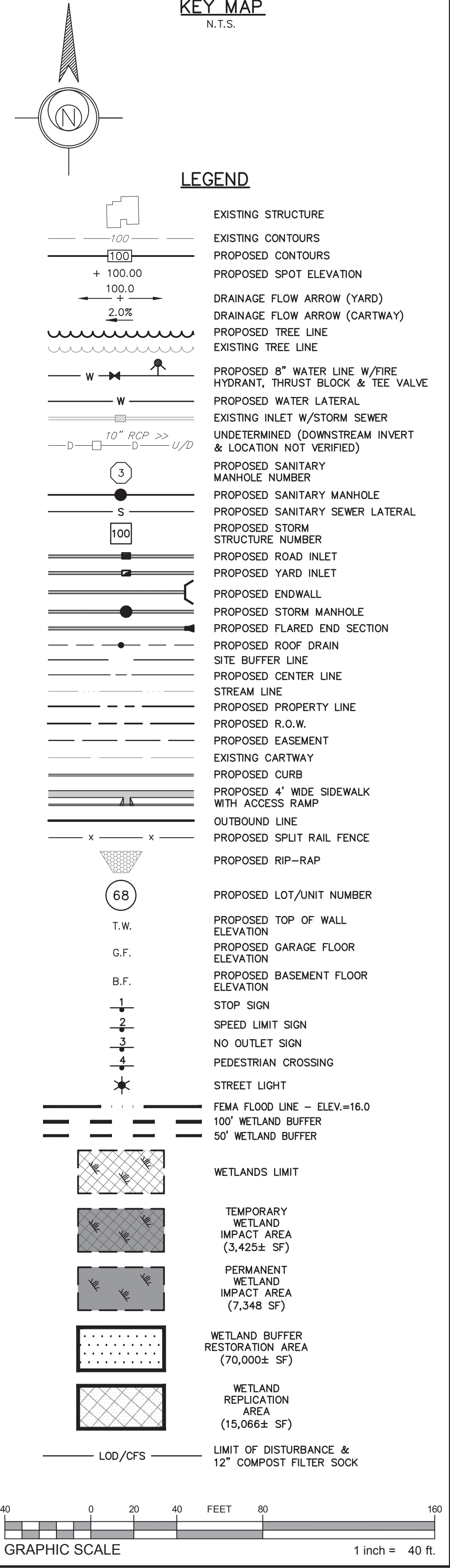
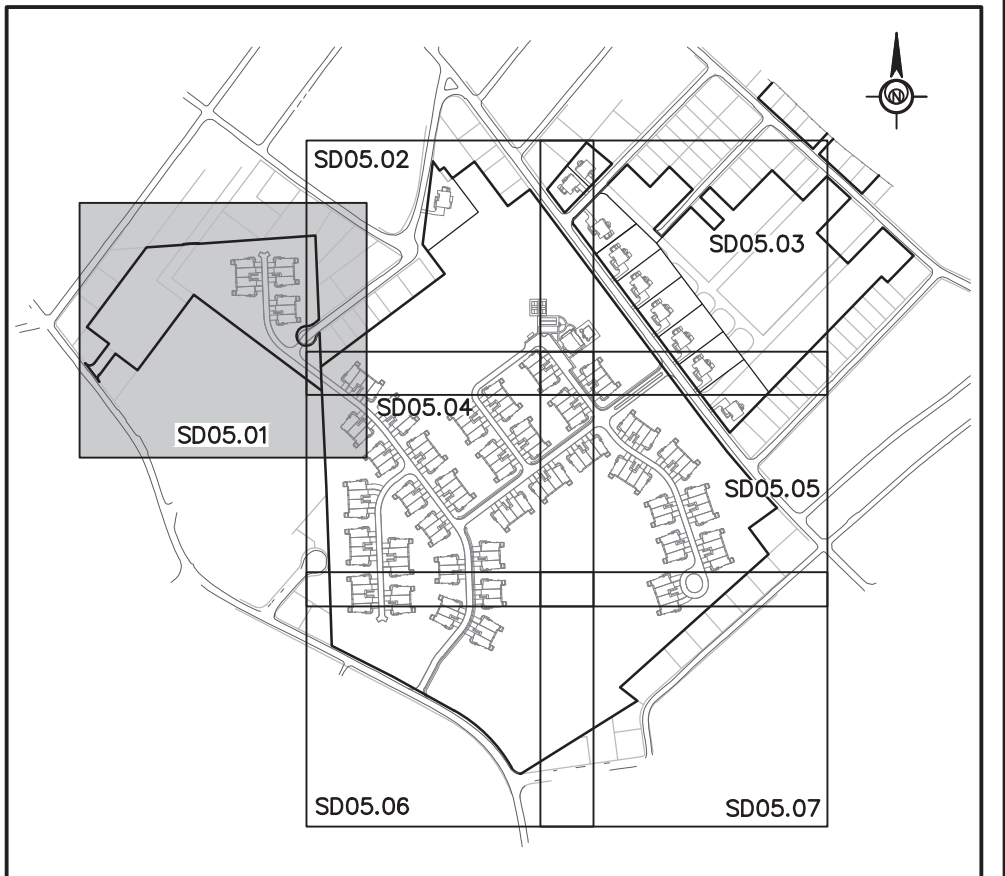
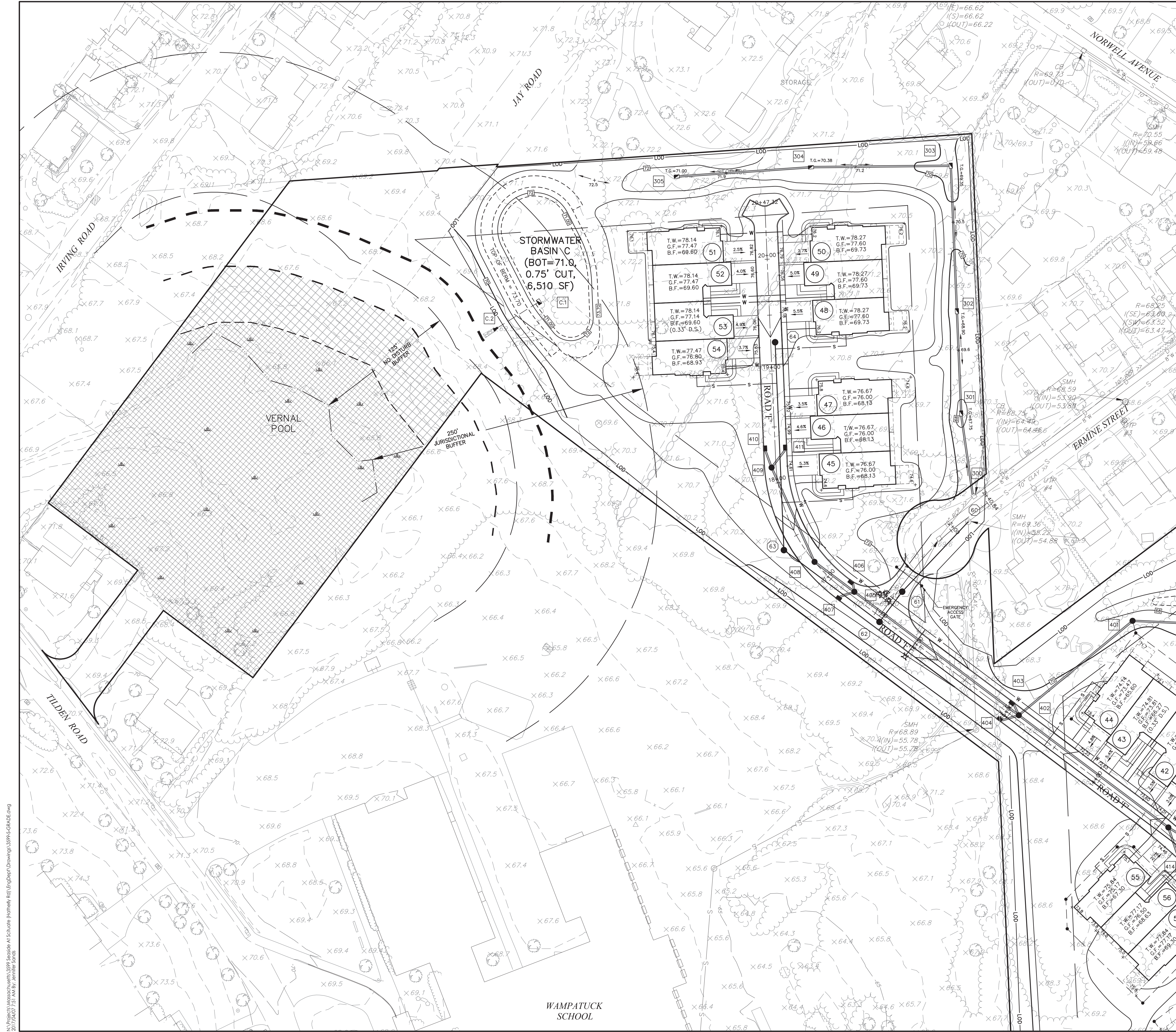


ESE CONSULTANTS
 ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL
 ESE Consultants, Inc.
 134 Flanders Road • Suite 275 • Westborough, MA 01581
 T: 508-616-8129

NO.	DESCRIPTION	DATE

EXISTING CONDITIONS PLAN
 PREPARED FOR
TOLL MA LAND III L.P.
 IN
SCITUATE, MASSACHUSETTS

DATE: 3/24/17	SCALE: 1"=50'
CHK'D BY: [Signature]	DRAWN: SLG
JOB NO.: 3599	FILE NAME: 3599-S-EWST
DWG. NO.: SD04.07	SHEET NO.: 12 OF 37



FOR PERMITTING ONLY NOT FOR CONSTRUCTION

Client/Project: **Toll MA Land III L.P., Westborough, MA SEASIDE AT SCITUATE**

Permit:

Project Number: **3599**
 File Name: **3599S-GRADE**

Rev	By	Date
1	ES	2017.03.24
2	CS	2017.03.24
3	ES	2017.03.24
4	ES	2017.03.24
5	ES	2017.03.24
6	ES	2017.03.24
7	ES	2017.03.24
8	ES	2017.03.24
9	ES	2017.03.24
10	ES	2017.03.24
11	ES	2017.03.24
12	ES	2017.03.24
13	ES	2017.03.24
14	ES	2017.03.24
15	ES	2017.03.24
16	ES	2017.03.24
17	ES	2017.03.24
18	ES	2017.03.24
19	ES	2017.03.24
20	ES	2017.03.24
21	ES	2017.03.24
22	ES	2017.03.24
23	ES	2017.03.24
24	ES	2017.03.24
25	ES	2017.03.24
26	ES	2017.03.24
27	ES	2017.03.24
28	ES	2017.03.24
29	ES	2017.03.24
30	ES	2017.03.24
31	ES	2017.03.24
32	ES	2017.03.24
33	ES	2017.03.24
34	ES	2017.03.24
35	ES	2017.03.24
36	ES	2017.03.24
37	ES	2017.03.24
38	ES	2017.03.24
39	ES	2017.03.24
40	ES	2017.03.24
41	ES	2017.03.24
42	ES	2017.03.24
43	ES	2017.03.24
44	ES	2017.03.24
45	ES	2017.03.24
46	ES	2017.03.24
47	ES	2017.03.24
48	ES	2017.03.24
49	ES	2017.03.24
50	ES	2017.03.24
51	ES	2017.03.24
52	ES	2017.03.24
53	ES	2017.03.24
54	ES	2017.03.24
55	ES	2017.03.24
56	ES	2017.03.24

146 Main Street Unit 3
 Hyannis, Massachusetts 02601-3128
 www.stantec.com

Stantec

Revision Sheet

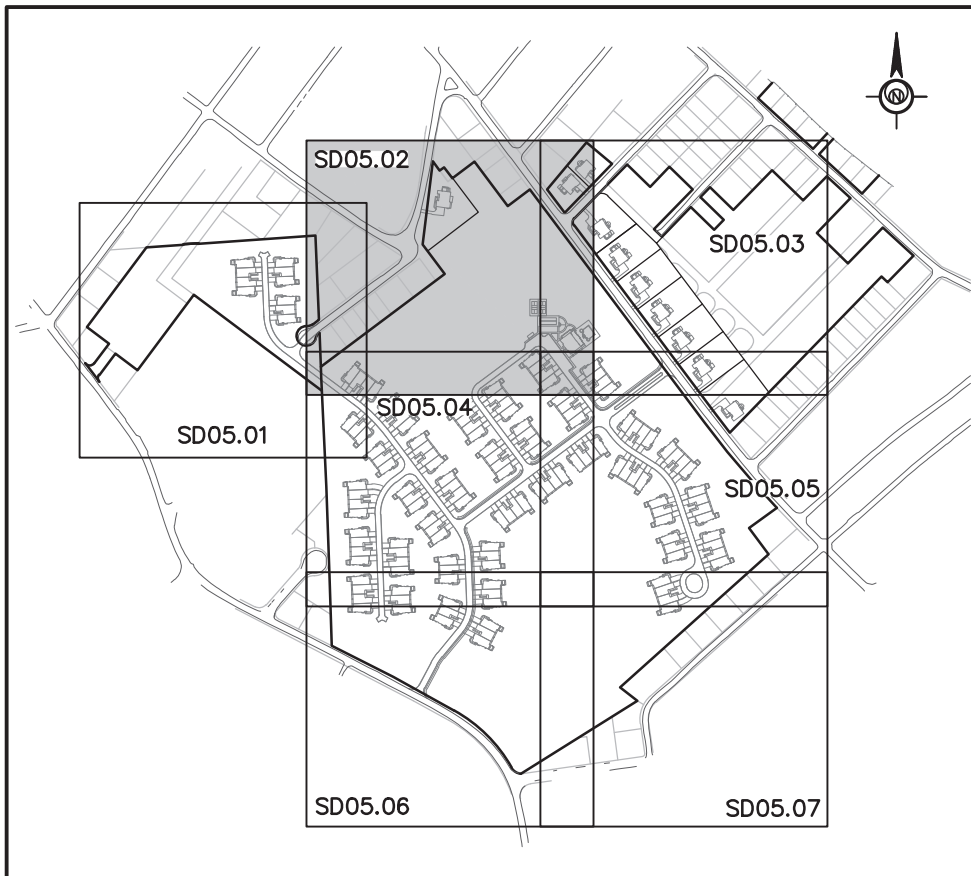
Title: **GRADING PLAN**

Town of Scituate, Plymouth County, Massachusetts

13 of 37

N:\Projects\Massachusetts\3599 Scituate At Seaside At Scituate (Rothwell, Rev) (Eng)\DWG\3599S-GRADE.dwg
 2017/04/07 15:11 AM by: jamie.borcs

ORIGINAL SHEET - ARCHD



KEY MAP

N.T.S.

LEGEND

- EXISTING STRUCTURE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED SPOT ELEVATION
- 100.0
- 100.0
- DRAINAGE FLOW ARROW (YARD)
- DRAINAGE FLOW ARROW (CARTWAY)
- PROPOSED TREE LINE
- EXISTING TREE LINE
- PROPOSED 8" WATER LINE W/FIRE HYDRANT, THRUST BLOCK & TEE VALVE
- PROPOSED WATER LATERAL
- EXISTING INLET W/STORM SEWER
- UNDETERMINED (DOWNSTREAM INVERT & LOCATION NOT VERIFIED)
- 10" RCP >> 1/10
- PROPOSED SANITARY MANHOLE NUMBER
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER LATERAL
- PROPOSED STORM SEWER LATERAL
- PROPOSED ROAD INLET
- PROPOSED YARD INLET
- PROPOSED ENDWALL
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED ROOF DRAIN
- SITE BUFFER LINE
- PROPOSED CENTER LINE
- STREAM LINE
- PROPOSED PROPERTY LINE
- PROPOSED R.O.W
- PROPOSED EASEMENT
- EXISTING CARTWAY
- PROPOSED CURB
- PROPOSED 4" WIDE SIDEWALK WITH ACCESS RAMP
- OUTBOUND LINE
- PROPOSED SPLIT RAIL FENCE
- PROPOSED RIP-RAP
- PROPOSED LOT/UNIT NUMBER
- T.W.
- G.F.
- B.F.
- STOP SIGN
- SPEED LIMIT SIGN
- NO OUTLET SIGN
- PEDESTRIAN CROSSING
- STREET LIGHT
- FEMA FLOOD LINE - ELEV.=16.0
- 100' WETLAND BUFFER
- 50' WETLAND BUFFER
- WETLANDS LIMIT
- TEMPORARY WETLAND IMPACT AREA (3,425± SF)
- PERMANENT WETLAND IMPACT AREA (7,348 SF)
- WETLAND BUFFER RESTORATION AREA (70,000± SF)
- WETLAND REPLICATION AREA (15,066± SF)
- LOD/CFS
- LIMIT OF DISTURBANCE & 12" COMPOST FILTER SOCK

GRAPHIC SCALE

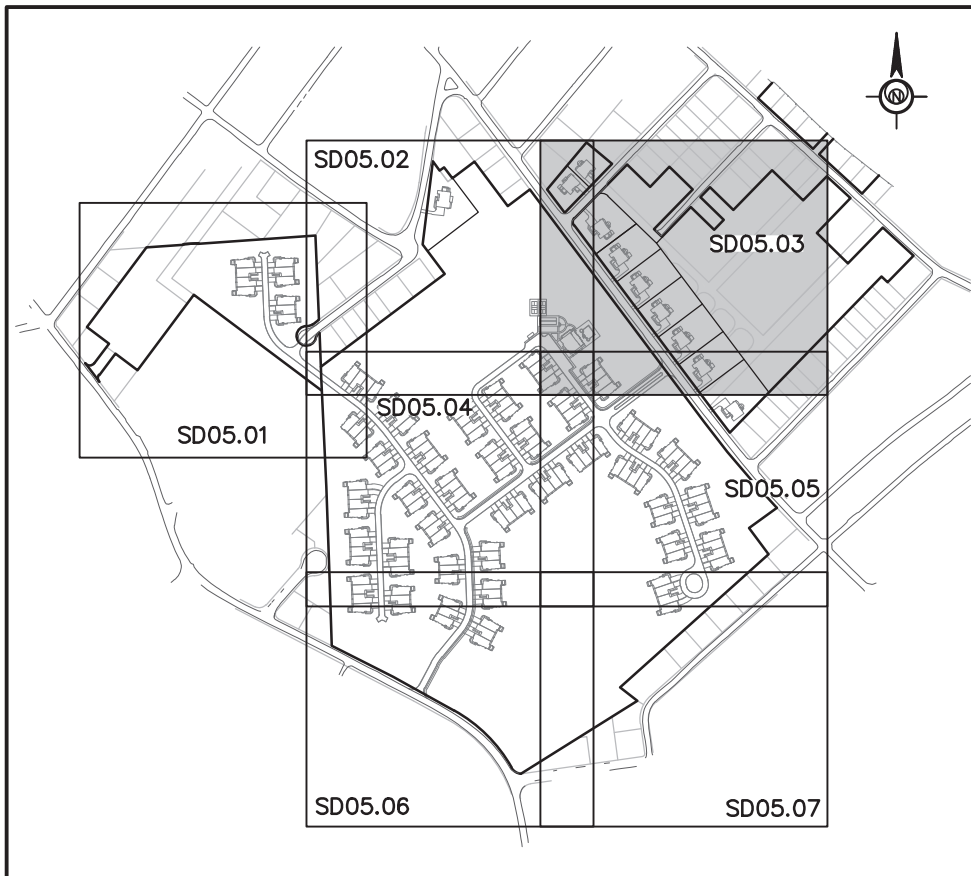
0 20 40 60 80 100 FEET
1 inch = 40 ft.

FOR PERMITTING ONLY NOT FOR CONSTRUCTION

Revision

Client/Project: Toll MA Land III L.P. Westborough, MA SEASIDE AT SCITUATE
 Permit: Town of Scituate, Plymouth County, Massachusetts
 Title: GRADING PLAN
 Project Number: 3599
 File Name: 3599-S-GRADE
 ESE Stantec ESE 2017.03.24
 Dwm Ctkm Dgs TYMM/DD
 Drawing No. SD05.02
 Revision Sheet
 14 of 37

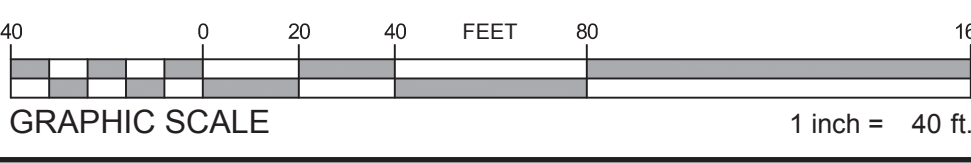
146 Main Street Unit 3
 Hyannis, Massachusetts 02601-3128
 www.stantec.com
 The Contractor shall verify and be responsible for all dimensions, DOW NOT SCALE. The Contractor shall verify and be responsible for all dimensions, DOW NOT SCALE. The Contractor shall verify and be responsible for all dimensions, DOW NOT SCALE. The Contractor shall verify and be responsible for all dimensions, DOW NOT SCALE.



KEY MAP
N.T.S.



- LEGEND**
- EXISTING STRUCTURE
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - PROPOSED SPOT ELEVATION
 - DRAINAGE FLOW ARROW (YARD)
 - DRAINAGE FLOW ARROW (CARTWAY)
 - PROPOSED TREE LINE
 - EXISTING TREE LINE
 - PROPOSED 8" WATER LINE W/FIRE HYDRANT, THRUST BLOCK & TEE VALVE
 - PROPOSED WATER LATERAL
 - EXISTING INLET W/STORM SEWER
 - UNDETERMINED (DOWNSTREAM INVERT & LOCATION NOT VERIFIED)
 - PROPOSED SANITARY MANHOLE NUMBER
 - PROPOSED SANITARY MANHOLE
 - PROPOSED SANITARY SEWER LATERAL
 - PROPOSED STORM STRUCTURE NUMBER
 - PROPOSED ROAD INLET
 - PROPOSED YARD INLET
 - PROPOSED ENDWALL
 - PROPOSED STORM MANHOLE
 - PROPOSED FLARED END SECTION
 - PROPOSED ROOF DRAIN
 - SITE BUFFER LINE
 - PROPOSED CENTER LINE
 - STREAM LINE
 - PROPOSED PROPERTY LINE
 - PROPOSED R.O.W.
 - PROPOSED EASEMENT
 - EXISTING CARTWAY
 - PROPOSED CURB
 - PROPOSED 4" WIDE SIDEWALK WITH ACCESS RAMP
 - OUTBOUND LINE
 - PROPOSED SPLIT RAIL FENCE
 - PROPOSED RIP-RAP
 - PROPOSED LOT/UNIT NUMBER
 - PROPOSED TOP OF WALL ELEVATION
 - PROPOSED GARAGE FLOOR ELEVATION
 - PROPOSED BASEMENT FLOOR ELEVATION
 - STOP SIGN
 - SPEED LIMIT SIGN
 - NO OUTLET SIGN
 - PEDESTRIAN CROSSING
 - STREET LIGHT
 - FEMA FLOOD LINE - ELEV.=16.0
 - 100' WETLAND BUFFER
 - 50' WETLAND BUFFER
 - WETLANDS LIMIT
 - TEMPORARY WETLAND IMPACT AREA (3,425± SF)
 - PERMANENT WETLAND IMPACT AREA (7,348 SF)
 - WETLAND BUFFER RESTORATION AREA (70,000± SF)
 - WETLAND REPLICATION AREA (15,066± SF)
 - LIMIT OF DISTURBANCE & 12" COMPOST FILTER SOCK



FOR PERMITTING ONLY NOT FOR CONSTRUCTION

Client/Project
Toll MA Land III L.P.
Westborough, MA
SEASIDE AT SCITUATE

Permit:



Project Number: 3599
File Name: 3599-S-GRADE

ESE Stantec ESE 2017.03.24
Dwn Citrus Dgns TYMM/DD

Drawing No. SD05.03
Revision Sheet

By: TYMM/DD
Appd. TYMM/DD
Issued

Revision

Title

Town of Scituate, Plymouth County, Massachusetts

GRADING PLAN

1 of 37

2 of 37

3 of 37

4 of 37

5 of 37

6 of 37

7 of 37

8 of 37

9 of 37

10 of 37

11 of 37

12 of 37

13 of 37

14 of 37

15 of 37

16 of 37

17 of 37

18 of 37

19 of 37

20 of 37

21 of 37

22 of 37

23 of 37

24 of 37

25 of 37

26 of 37

27 of 37

28 of 37

29 of 37

30 of 37

31 of 37

32 of 37

33 of 37

34 of 37

35 of 37

36 of 37

37 of 37

38 of 37

39 of 37

40 of 37

41 of 37

42 of 37

43 of 37

44 of 37

45 of 37

46 of 37

47 of 37

48 of 37

49 of 37

50 of 37

51 of 37

52 of 37

53 of 37

54 of 37

55 of 37

56 of 37

57 of 37

58 of 37

59 of 37

60 of 37

61 of 37

62 of 37

63 of 37

64 of 37

65 of 37

66 of 37

67 of 37

68 of 37

69 of 37

70 of 37

71 of 37

72 of 37

73 of 37

74 of 37

75 of 37

76 of 37

77 of 37

78 of 37

79 of 37

80 of 37

81 of 37

82 of 37

83 of 37

84 of 37

85 of 37

86 of 37

87 of 37

88 of 37

89 of 37

90 of 37

91 of 37

92 of 37

93 of 37

94 of 37

95 of 37

96 of 37

97 of 37

98 of 37

99 of 37

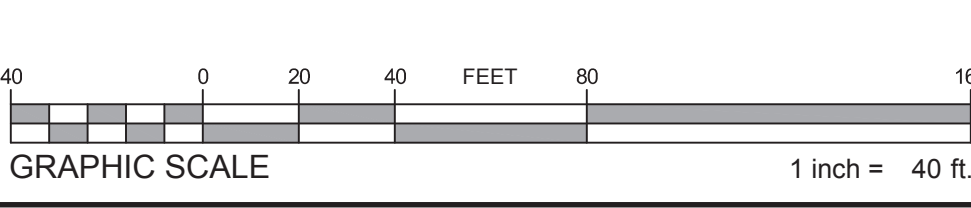
100 of 37



KEY MAP
N.T.S.



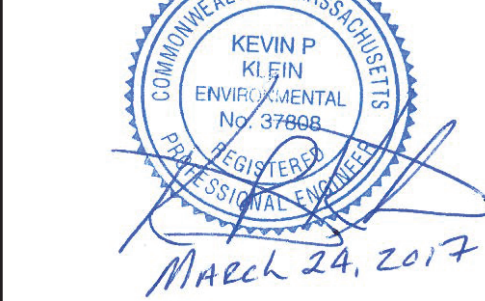
- LEGEND**
- EXISTING STRUCTURE
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - PROPOSED SPOT ELEVATION
 - 100.00
 - DRAINAGE FLOW ARROW (YARD)
 - DRAINAGE FLOW ARROW (CARTWAY)
 - PROPOSED TREE LINE
 - EXISTING TREE LINE
 - PROPOSED 8" WATER LINE W/FIRE HYDRANT, THRUST BLOCK & TEE VALVE
 - PROPOSED WATER LATERAL
 - EXISTING INLET W/STORM SEWER
 - UNDETERMINED (DOWNSTREAM INVERT & LOCATION NOT VERIFIED)
 - PROPOSED SANITARY MANHOLE NUMBER
 - PROPOSED SANITARY MANHOLE
 - PROPOSED SANITARY SEWER LATERAL
 - PROPOSED STORM STRUCTURE NUMBER
 - PROPOSED ROAD INLET
 - PROPOSED YARD INLET
 - PROPOSED ENDWALL
 - PROPOSED STORM MANHOLE
 - PROPOSED FLARED END SECTION
 - PROPOSED ROOF DRAIN
 - SITE BUFFER LINE
 - PROPOSED CENTER LINE
 - STREAM LINE
 - PROPOSED PROPERTY LINE
 - PROPOSED R.O.W.
 - PROPOSED EASEMENT
 - EXISTING CARTWAY
 - PROPOSED CURB
 - PROPOSED 4" WIDE SIDEWALK WITH ACCESS RAMP
 - OUTBOUND LINE
 - PROPOSED SPLIT RAIL FENCE
 - PROPOSED RIP-RAP
 - PROPOSED LOT/UNIT NUMBER
 - T.W.
 - G.F.
 - B.F.
 - STOP SIGN
 - SPEED LIMIT SIGN
 - NO OUTLET SIGN
 - PEDESTRIAN CROSSING
 - STREET LIGHT
 - FEMA FLOOD LINE - ELEV.=16.0
 - 100' WETLAND BUFFER
 - 50' WETLAND BUFFER
 - WETLANDS LIMIT
 - TEMPORARY WETLAND IMPACT AREA (3,425± SF)
 - PERMANENT WETLAND IMPACT AREA (7,348 SF)
 - WETLAND BUFFER RESTORATION AREA (70,000± SF)
 - WETLAND REPLICATION AREA (15,066± SF)
 - LIMIT OF DISTURBANCE & 12" COMPOST FILTER SOCK



FOR PERMITTING ONLY NOT FOR CONSTRUCTION

Client/Project
Toil MA Land III L.P.
Westborough, MA
SEASIDE AT SCITUATE

Permit:

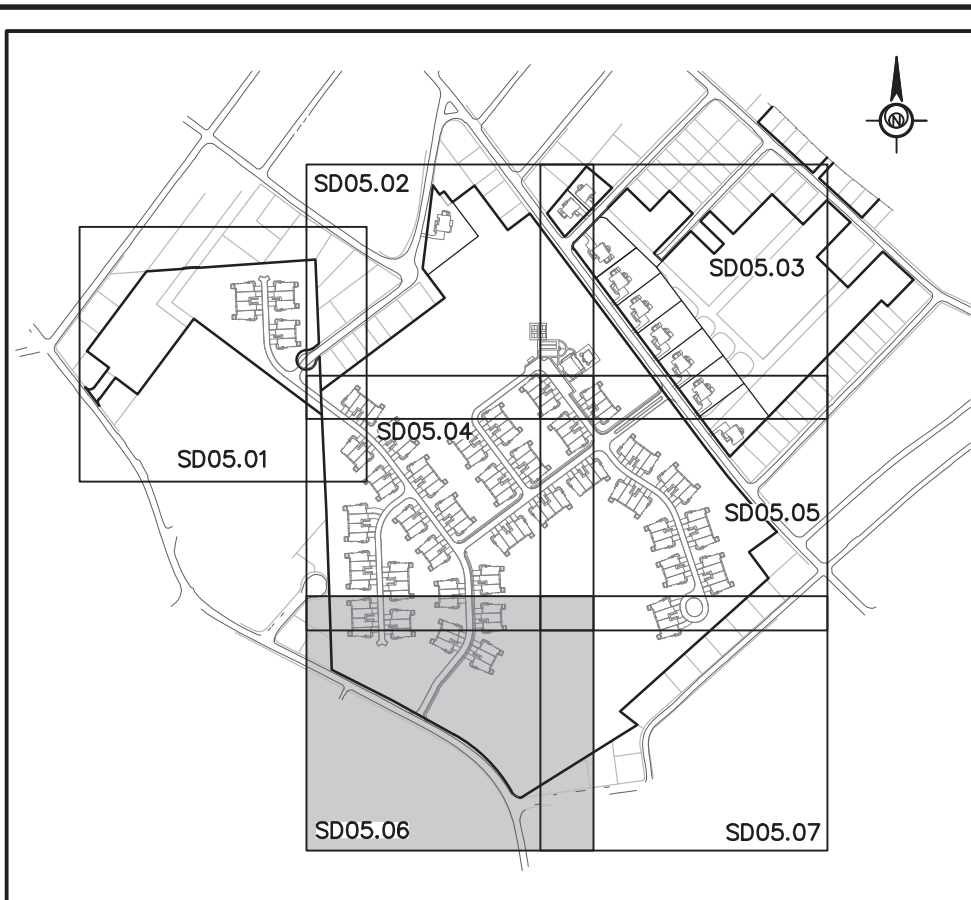
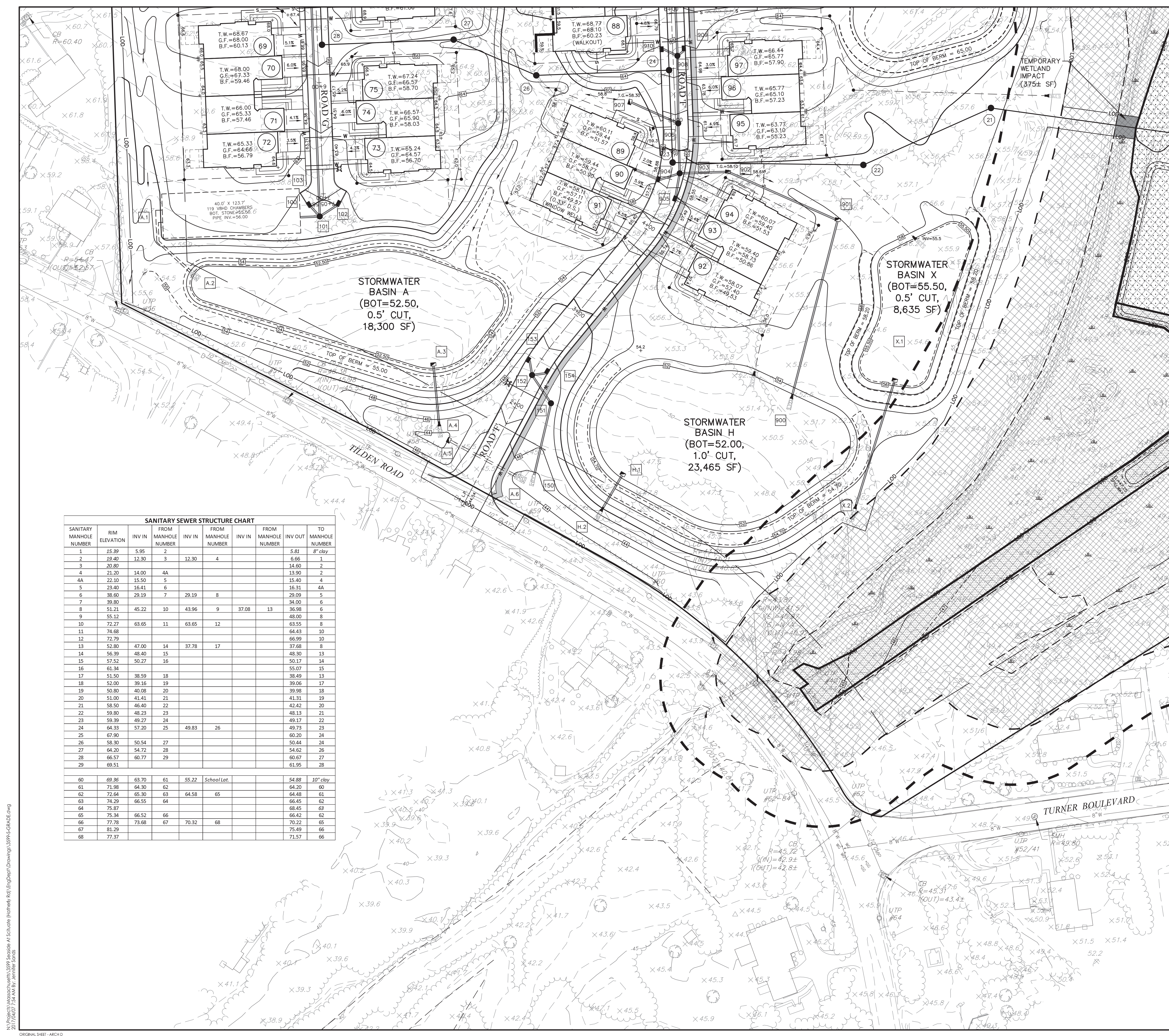


Project Number: 3599
File Name: 3599S-GRADE

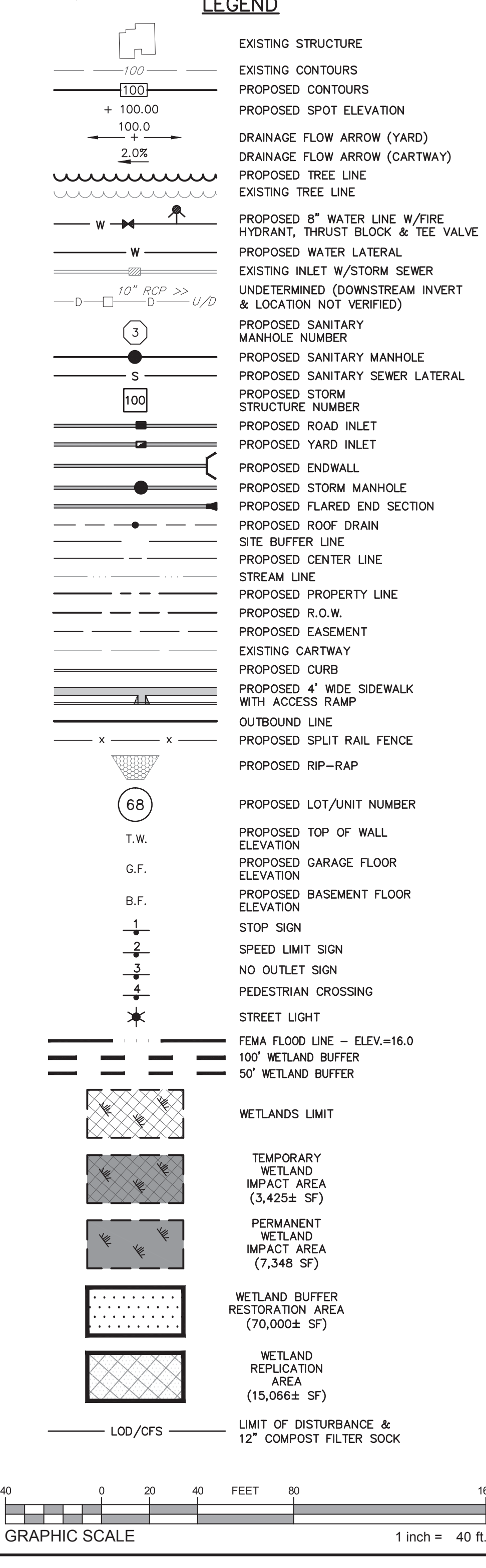
Drawn: C. Clark
Checked: D. Quinn
Date: 2017.03.24
By: TY.M.M.D.D.

Drawing No. SD05.04
Revision Sheet

Revision
By
TY.M.M.D.D.
Issued

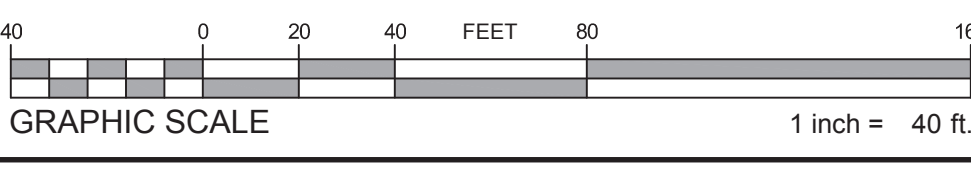


KEY MAP
N.T.S.



SANITARY SEWER STRUCTURE CHART

SANITARY MANHOLE NUMBER	RIM ELEVATION	INV IN	FROM MANHOLE NUMBER	FROM MANHOLE NUMBER	FROM MANHOLE NUMBER	FROM MANHOLE NUMBER	FROM MANHOLE NUMBER	TO MANHOLE NUMBER
1	15.29	5.95	2	12.30	4	5.81	8" clay	1
2	19.40	12.30	3	12.30	4	6.66		2
3	20.80							14.60
4	21.20	14.00	4A					13.90
4A	22.10	15.50	5					15.40
5	23.40	16.41	6					16.31
6	38.60	29.19	7	29.19	8	29.09		5
7	39.80					34.00		6
8	51.21	45.22	10	43.96	9	37.08	13	36.98
9	55.12							48.00
10	72.27	63.65	11	63.65	12	63.55		8
11	74.68					64.43		10
12	72.79					66.99		10
13	52.80	47.00	14	37.78	17	37.68		8
14	56.39	48.40	15			48.30		13
15	57.52	50.27	16			50.17		14
16	61.34					55.07		15
17	51.50	38.59	18			38.49		13
18	52.00	39.16	19			39.06		17
19	50.80	40.08	20			39.98		18
20	51.00	41.41	21			41.31		19
21	58.50	46.40	22			42.42		20
22	59.80	48.23	23			48.13		21
23	59.39	49.27	24			49.17		22
24	64.33	57.20	25	49.83	26	49.73		23
25	67.90					60.20		24
26	58.30	50.54	27			50.44		24
27	64.20	54.72	28			54.62		26
28	66.57	60.77	29			60.67		27
29	69.51					61.95		28
60	69.36	63.70	61	55.22	School Lot	54.88	10" clay	60
61	71.98	64.30	62			64.20		60
62	72.64	65.30	63	64.58	65	64.48		61
63	74.29	66.55	64			66.45		62
64	75.87					68.45		63
65	75.34	66.52	66			66.42		62
66	77.78	73.68	67	70.32	68	70.22		65
67	81.29					75.49		66
68	77.37					71.57		66



Stantec
146 Main Street Unit 3
Hyannis, Massachusetts 02601-3128
www.stantec.com

FOR PERMITTING ONLY NOT FOR CONSTRUCTION

Client/Project: **Town of Scituate, Plymouth County, Massachusetts**
Title: **SEASIDE AT SCITUATE**

Permit: **Town of Scituate, Plymouth County, Massachusetts**
Title: **SEASIDE AT SCITUATE**

Project Number: **3599**
File Name: **3599S-GRADE**

Revision: **Sheet**

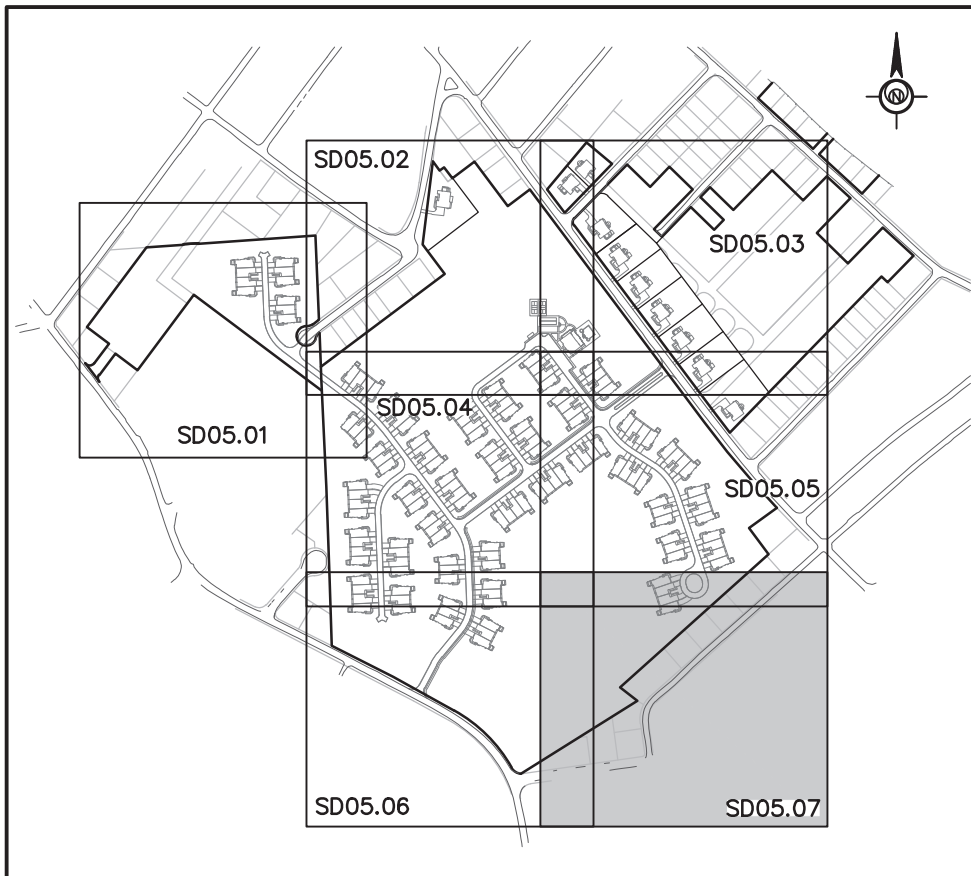
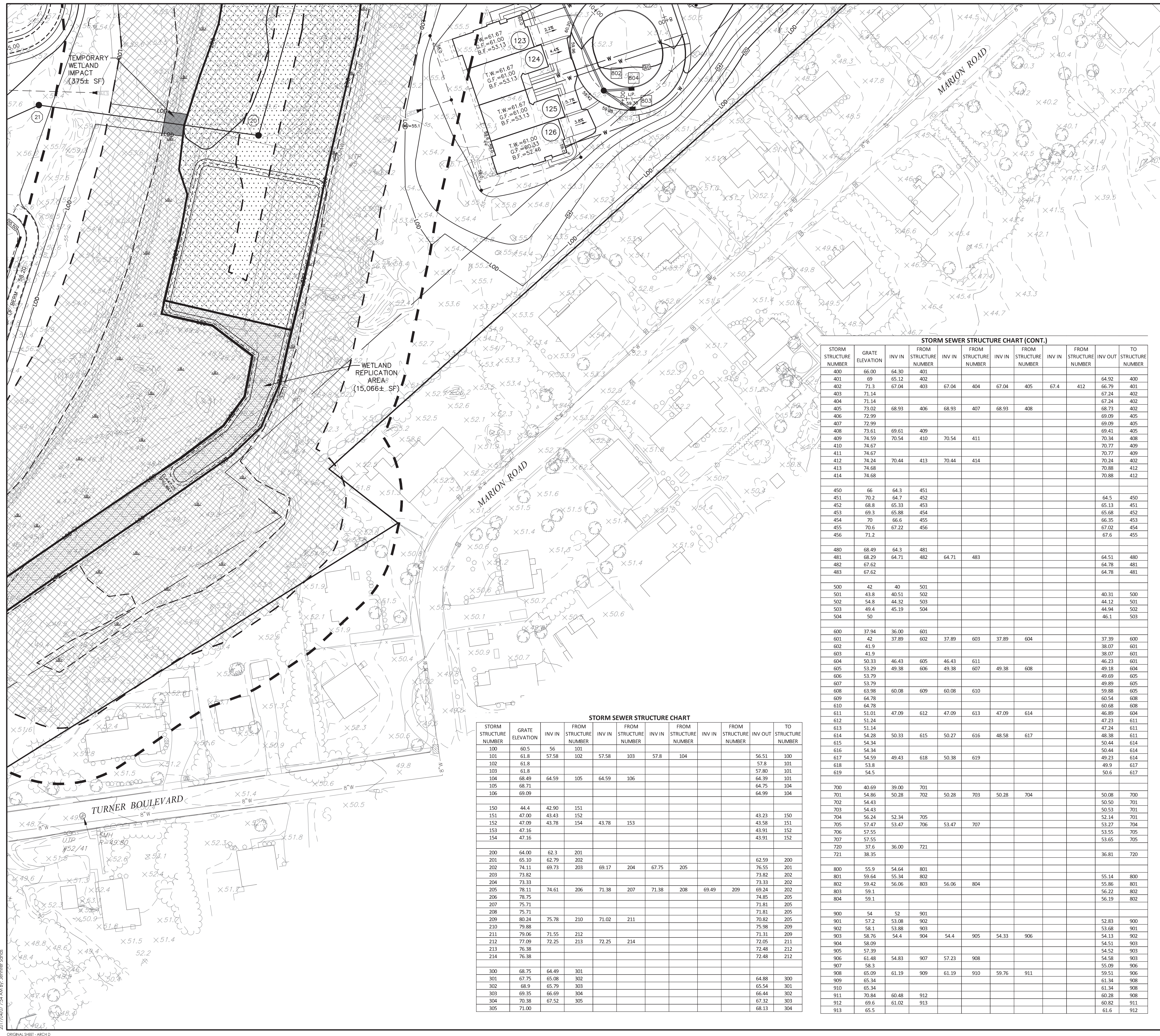
DATE: **March 24, 2017**

Project Number: **3599**
File Name: **3599S-GRADE**

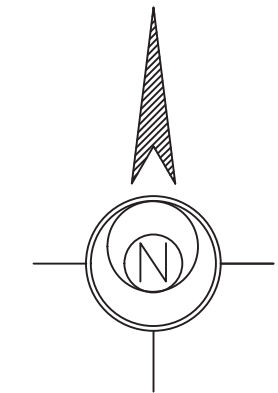
DATE: **2017.03.24**
Drawing No.: **SD05.06**

Revision: **Sheet**

18 of 37



KEY MAP
N.T.S.



LEGEND

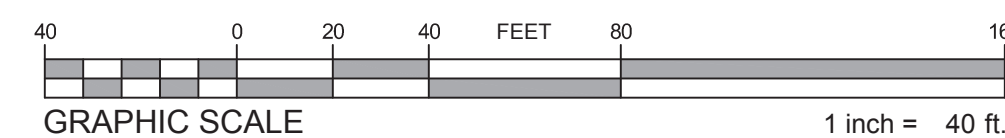
- EXISTING STRUCTURE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED SPOT ELEVATION
- DRAINAGE FLOW ARROW (YARD)
- DRAINAGE FLOW ARROW (CARTWAY)
- PROPOSED TREE LINE
- EXISTING TREE LINE
- PROPOSED 8" WATER LINE W/FIRE HYDRANT, THRUST BLOCK & TEE VALVE
- PROPOSED WATER LATERAL
- EXISTING INLET W/STORM SEWER
- UNDETERMINED (DOWNSTREAM INVERT & LOCATION NOT VERIFIED)
- PROPOSED SANITARY MANHOLE NUMBER
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER LATERAL
- PROPOSED STORM STRUCTURE NUMBER
- PROPOSED ROAD INLET
- PROPOSED YARD INLET
- PROPOSED ENDWALL
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED ROOF DRAIN
- SITE BUFFER LINE
- PROPOSED CENTER LINE
- STREAM LINE
- PROPOSED PROPERTY LINE
- PROPOSED R.O.W.
- PROPOSED EASEMENT
- EXISTING CARTWAY
- PROPOSED CURB
- PROPOSED 4" WIDE SIDEWALK WITH ACCESS RAMP
- OUTBOUND LINE
- PROPOSED SPLIT RAIL FENCE
- PROPOSED RIP-RAP
- PROPOSED LOT/UNIT NUMBER
- T.W.
- G.F.
- B.F.
- STOP SIGN
- SPEED LIMIT SIGN
- NO OUTLET SIGN
- PEDESTRIAN CROSSING
- STREET LIGHT
- FEMA FLOOD LINE - ELEV.=16.0
- 100' WETLAND BUFFER
- 50' WETLAND BUFFER
- WETLANDS LIMIT
- TEMPORARY WETLAND IMPACT AREA (3,425± SF)
- PERMANENT WETLAND IMPACT AREA (7,348 SF)
- WETLAND BUFFER RESTORATION AREA (70,000± SF)
- WETLAND REPLICATION AREA (15,066± SF)
- LIMIT OF DISTURBANCE & 12" COMPOST FILTER SOCK

STORM SEWER STRUCTURE CHART (CONT.)

STORM STRUCTURE NUMBER	GRATE ELEVATION	INV IN	FROM STRUCTURE NUMBER	INV IN	FROM STRUCTURE NUMBER	INV IN	FROM STRUCTURE NUMBER	INV OUT	TO STRUCTURE NUMBER
400	66.00	64.30	401					64.92	400
401	69	65.12	402					66.79	401
402	71.3	67.04	403	67.04	404	67.04	405	67.4	412
403	71.14							67.24	402
404	71.14							67.24	402
405	73.02	68.93	406	68.93	407	68.93	408	68.73	402
406	72.99							69.09	405
407	72.99							69.09	405
408	73.61	69.61	409	69.61	410	69.61	411	69.41	405
409	74.59	70.54	410	70.54	411			70.34	408
410	74.67							70.77	409
411	74.67							70.77	409
412	74.24	70.44	413	70.44	414			70.24	409
413	74.68							70.88	412
414	74.68							70.88	412
450	66	64.3	451					64.5	450
451	70.2	64.7	452					65.13	451
452	68.8	65.33	453					65.68	452
453	69.3	65.88	454					66.35	453
454	70	66.6	455					67.02	454
455	70.6	67.22	456					67.6	455
456	71.2								
480	68.49	64.3	481					64.51	480
481	68.29	64.71	482	64.71	483			64.78	481
482	67.62							64.78	481
483	67.62							64.78	481
500	42	40	501					40.31	500
501	43.8	40.51	502					44.12	501
502	54.8	44.32	503					44.94	502
503	49.4	45.19	504					46.1	503
504	50								
600	37.94	36.00	601					37.39	600
601	42	37.89	602	37.89	603	37.89	604	38.07	601
602	41.9							38.07	601
603	41.9							38.07	601
604	50.33	46.43	605	46.43	611			46.23	601
605	53.29	49.38	606	49.38	607	49.38	608	49.18	604
606	53.79							49.69	605
607	53.79							49.89	605
608	63.98	60.08	609	60.08	610			59.88	605
609	64.78							60.54	608
610	64.78							60.68	608
611	51.01	47.09	612	47.09	613	47.09	614	46.89	604
612	51.24							47.23	611
613	51.14							47.24	611
614	54.28	50.33	615	50.27	616	48.58	617	48.38	611
615	54.34							50.44	614
616	54.34							50.44	614
617	54.59	49.43	618	50.38	619			49.23	614
618	53.8							49.9	617
619	54.5							50.6	617
700	40.69	39.00	701					50.08	700
701	54.86	50.28	702	50.28	703	50.28	704	50.50	701
702	54.43							50.53	701
703	54.43							52.14	701
704	56.24	52.34	705					53.27	704
705	57.47	53.47	706	53.47	707			53.55	705
706	57.55							53.55	705
707	57.55							53.65	705
720	37.6	36.00	721					36.81	720
721	38.35								
800	55.9	54.64	801					55.14	800
801	59.64	55.34	802					55.86	801
802	59.42	56.06	803	56.06	804			56.22	802
803	59.1							56.19	802
804	59.1								
900	54	52	901					52.83	900
901	57.2	53.08	902					53.68	901
902	58.1	53.88	903					54.13	902
903	58.76	54.4	904	54.4	905	54.33	906	54.51	903
904	58.09							54.52	903
905	57.39							54.58	903
906	61.48	54.83	907	57.23	908			55.09	906
907	58.3							59.51	906
908	65.09	61.19	909	61.19	910	59.76	911	61.34	908
909	65.34							61.34	908
910	65.34							60.28	908
911	70.84	60.48	912					60.82	911
912	69.6	61.02	913					61.6	912
913	65.5								

STORM SEWER STRUCTURE CHART

STORM STRUCTURE NUMBER	GRATE ELEVATION	INV IN	FROM STRUCTURE NUMBER	INV IN	FROM STRUCTURE NUMBER	INV IN	FROM STRUCTURE NUMBER	INV OUT	TO STRUCTURE NUMBER
100	60.5	56	101					56.51	100
101	61.8	57.58	102	57.58	103	57.8	104	57.8	101
102	61.8							57.80	101
103	61.8							64.39	101
104	68.49	64.59	105	64.59	106			64.75	104
105	68.71							64.99	104
106	69.09								
150	44.4	42.90	151					43.23	150
151	47.00	43.43	152					43.58	151
152	47.09	43.78	154	43.78	153			43.91	152
153	47.16							43.91	152
154	47.16								
200	64.00	62.3	201					63.59	200
201	65.10	62.79	202					76.55	201
202	74.11	69.73	203	69.17	204	67.75	205	73.82	202
203	73.82							73.33	202
204	73.33							69.24	202
205	78.11	74.61	206	71.38	207	71.38	208	74.85	205
206	78.75							71.81	205
207	75.71							70.82	205
208	75.71							75.98	209
209	80.24	75.78	210	71.02	211			71.31	209
210	79.88							72.05	211
211	79.06	71.55	212	72.25	214			72.48	212
212	77.09	72.25	213	72.25	214			72.48	212
213	76.38								
214	76.38								
300	68.75	64.49	301					64.88	300
301	67.75	65.08	302					65.54	301
302	68.9	65.79	303					66.44	302
303	69.35	66.69	304					67.32	303
304	70.38	67.52	305					68.13	304
305	71.00								



FOR PERMITTING ONLY NOT FOR CONSTRUCTION

Client/Project
Toll MA Land III L.P.
Westborough, MA
SEASIDE AT SCITUATE

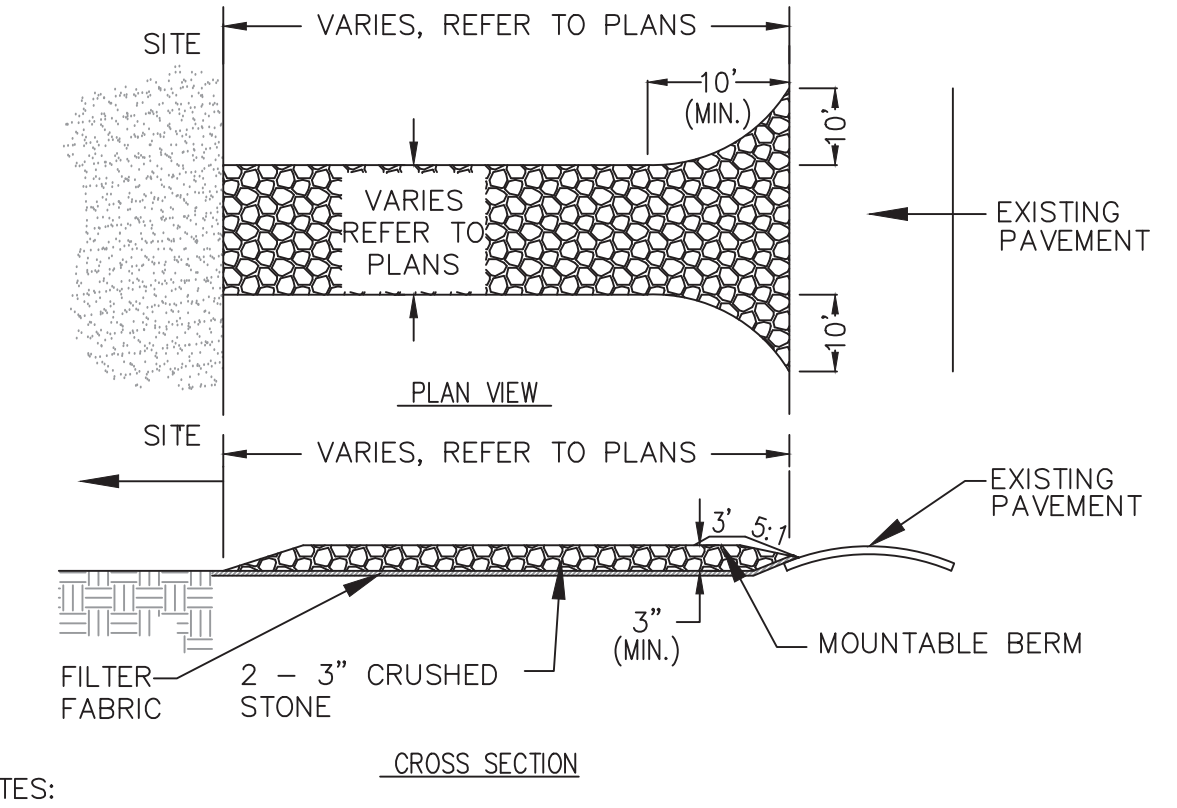
Permit:



Project Number: 3599
File Name: 3599S-GRADE

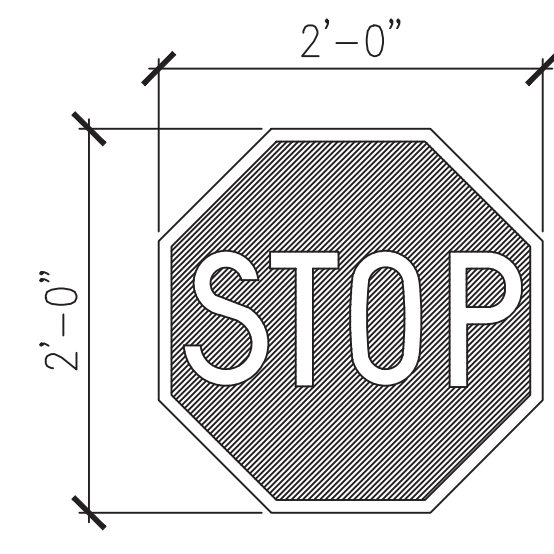
Revision Sheet

9 of 37



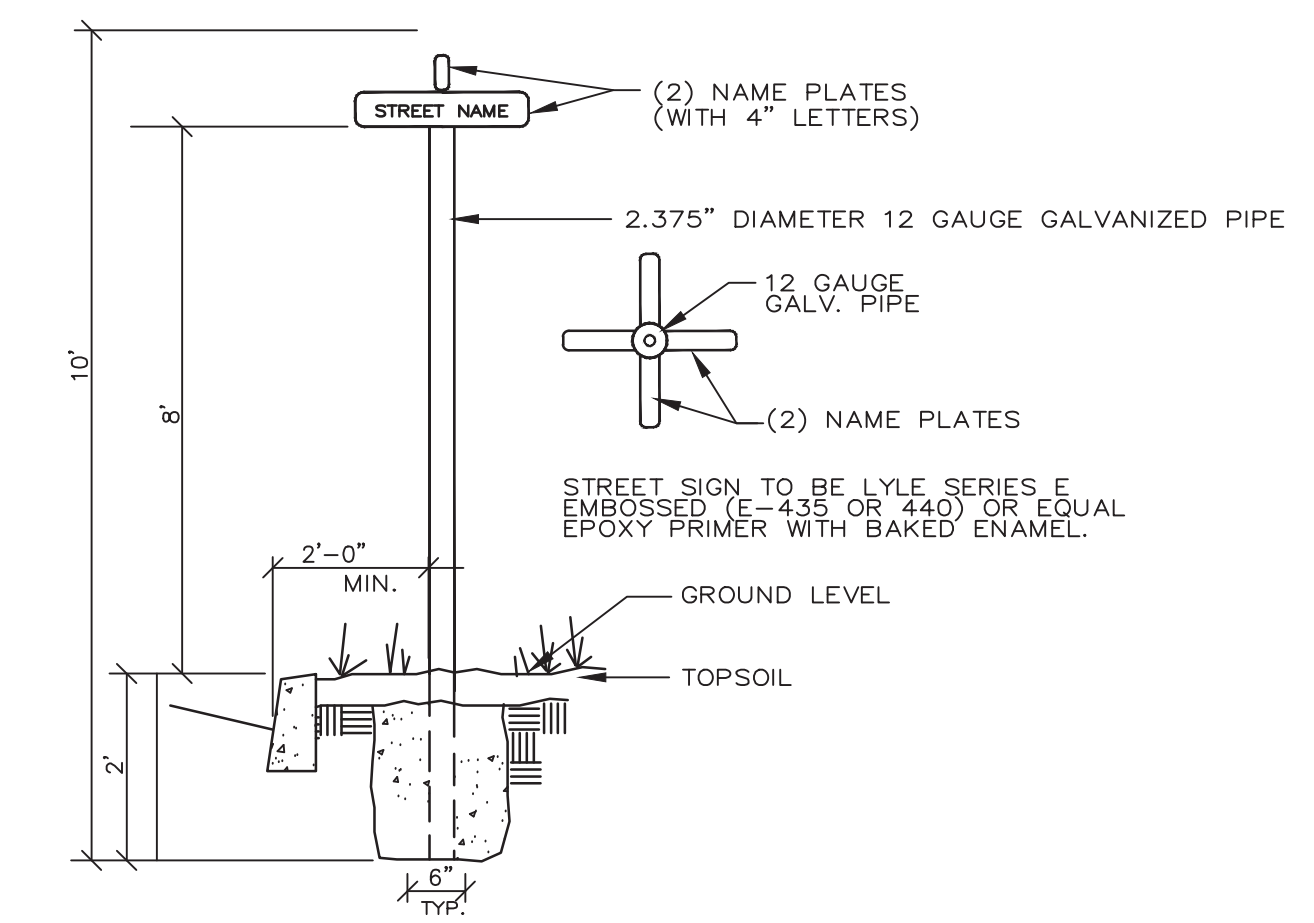
- NOTES:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
 2. TEMPORARY CONSTRUCTION ACCESS POINTS WILL ALSO CONTAIN TEMPORARY TRUCK WHEEL WASHING AREA TO FURTHER PREVENT TRACKING ONTO EXISTING ROADWAYS.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



- NOTES:**
1. SIGN MATERIALS TO BE REFLECTIVE SHEETING ON .080 ALUMINUM AS PER SPECIFICATIONS
 2. SIGN SHALL HAVE WHITE LETTERING ON RED FIELD

'STOP' SIGN DETAIL
NOT TO SCALE



STREET SIGN
N.T.S.

FOR PERMITTING ONLY NOT FOR CONSTRUCTION



144 Main Street Unit 3
Hyannis, Massachusetts 02601-3128
www.stantec.com
The Contractor shall verify and be responsible for all dimensions. DO NOT scale.
The Contractor shall verify and be responsible for all dimensions. DO NOT scale.
The Contractor shall verify and be responsible for all dimensions. DO NOT scale.
The Contractor shall verify and be responsible for all dimensions. DO NOT scale.
The Contractor shall verify and be responsible for all dimensions. DO NOT scale.

Client/Project
Toll MA Land III L.P.
Westborough, MA
SEASIDE AT SCITUATE

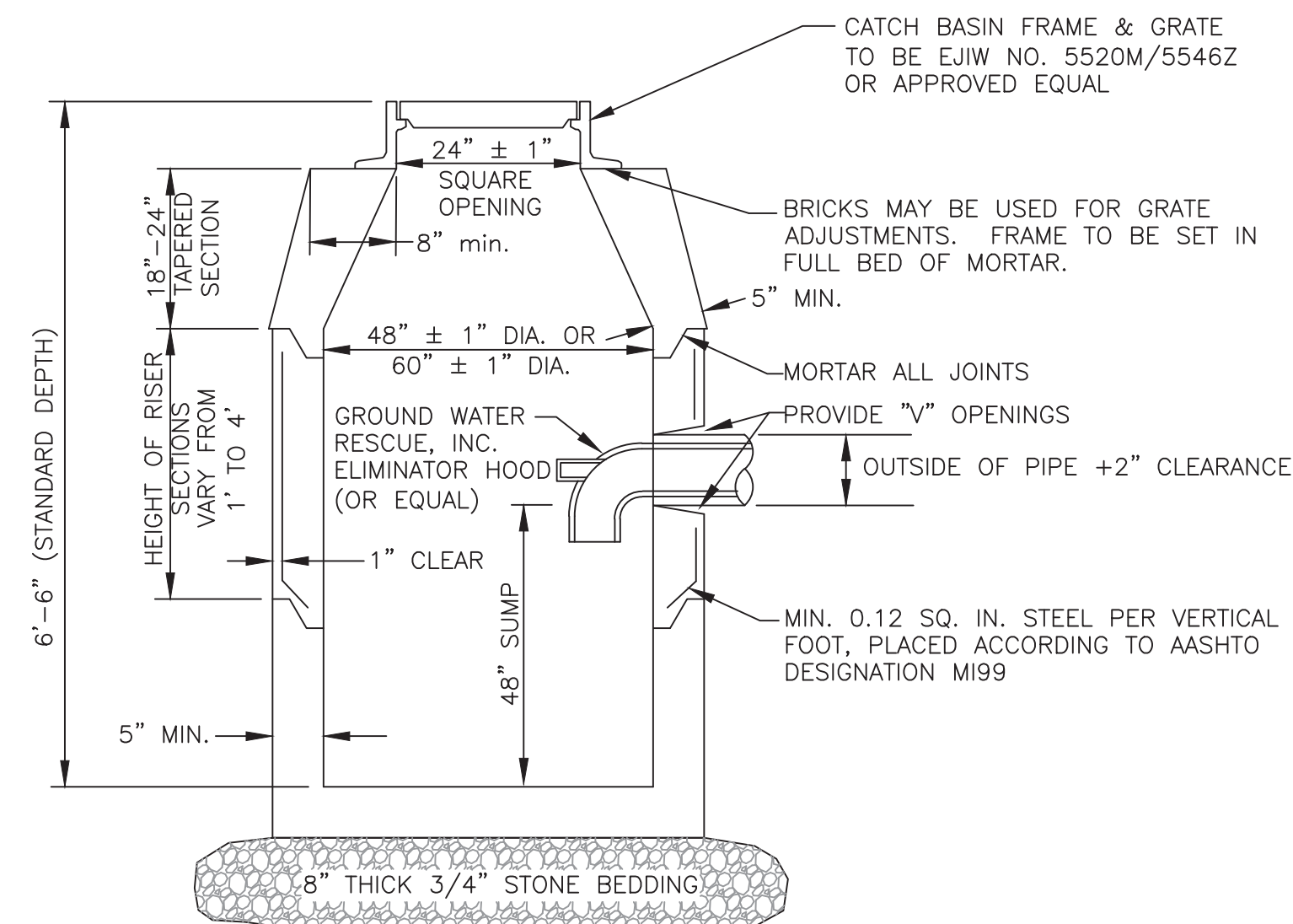
Town of Scituate, Plymouth County, Massachusetts
Title
MISC. ROADWAY DETAILS

Permit No.



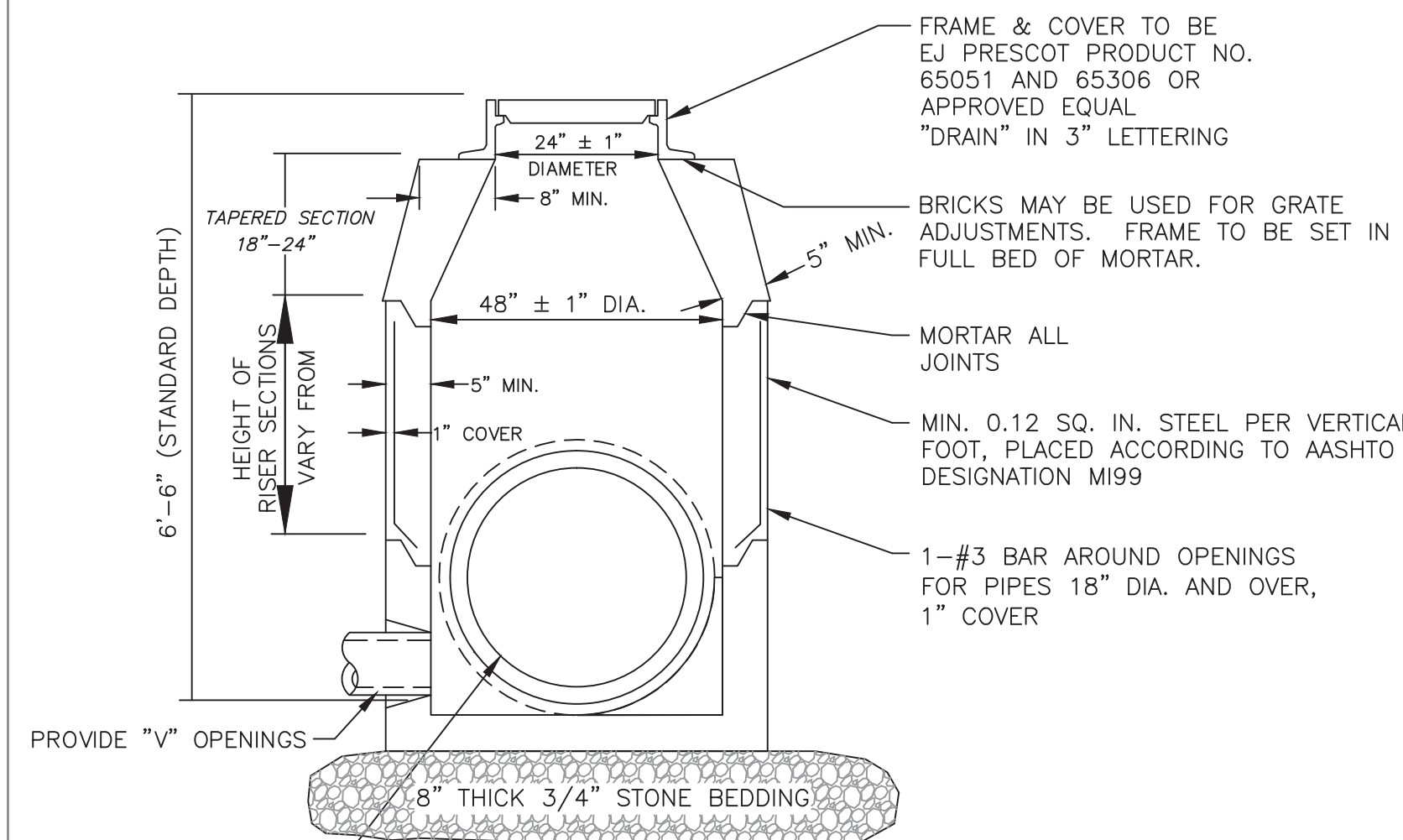
Project Number: 3599
File Name: 3599S-DETAILS

Rev	By	Date
ESE	Stantec	2017.03.24
Dwn	Clktd	2017.03.24
Drawing No. SD08.01		
Revision Sheet		



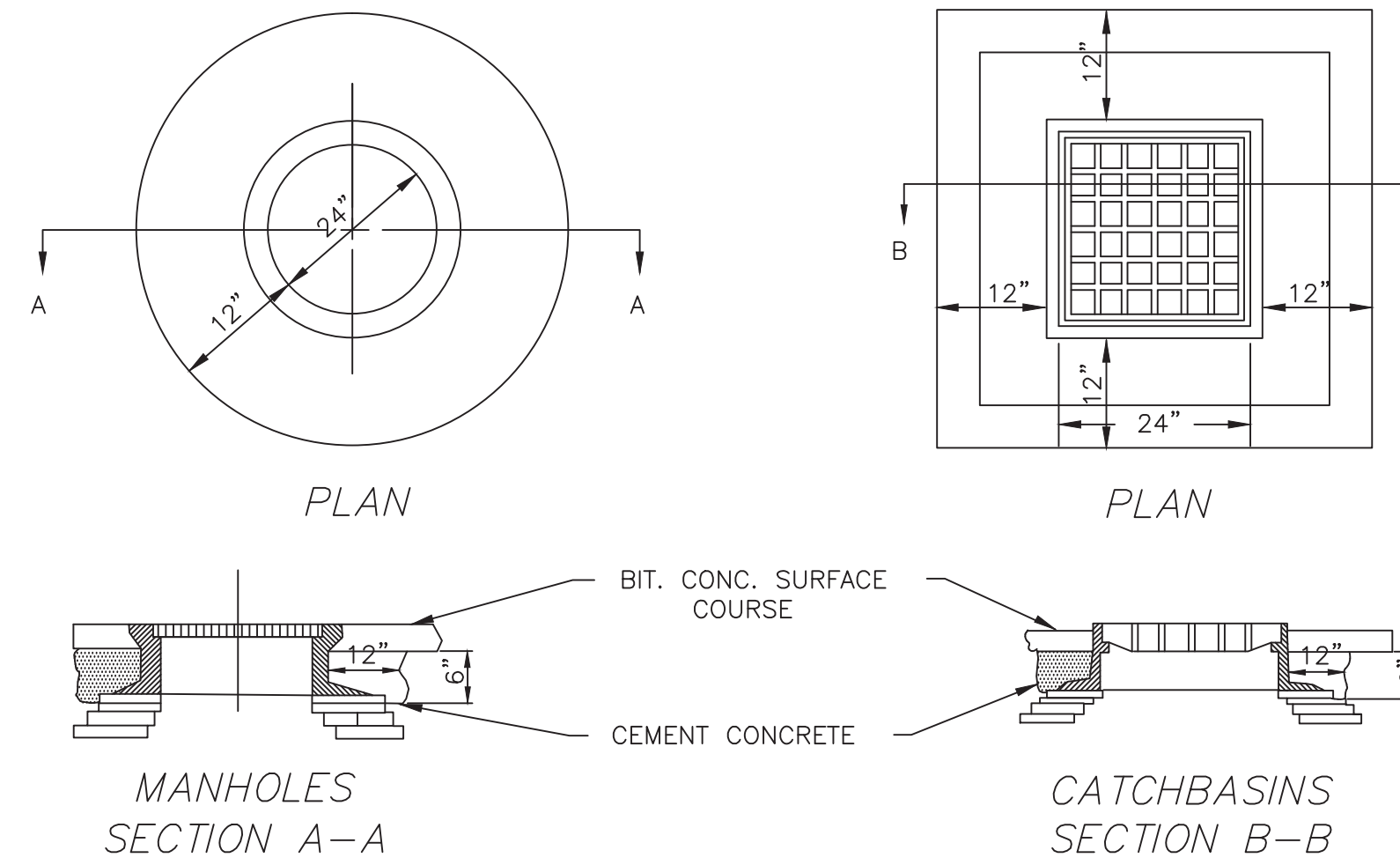
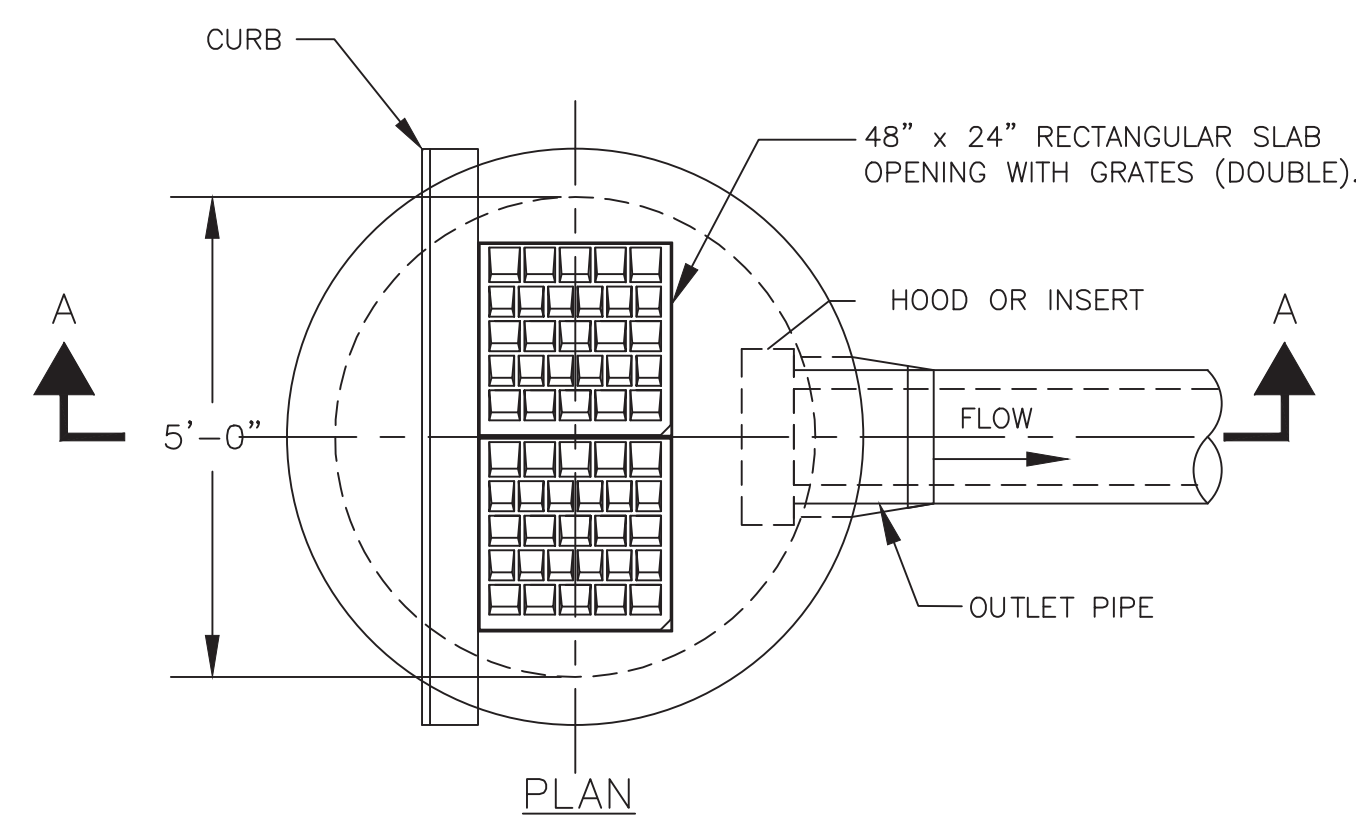
PRECAST CONCRETE CATCH BASIN

NOT TO SCALE



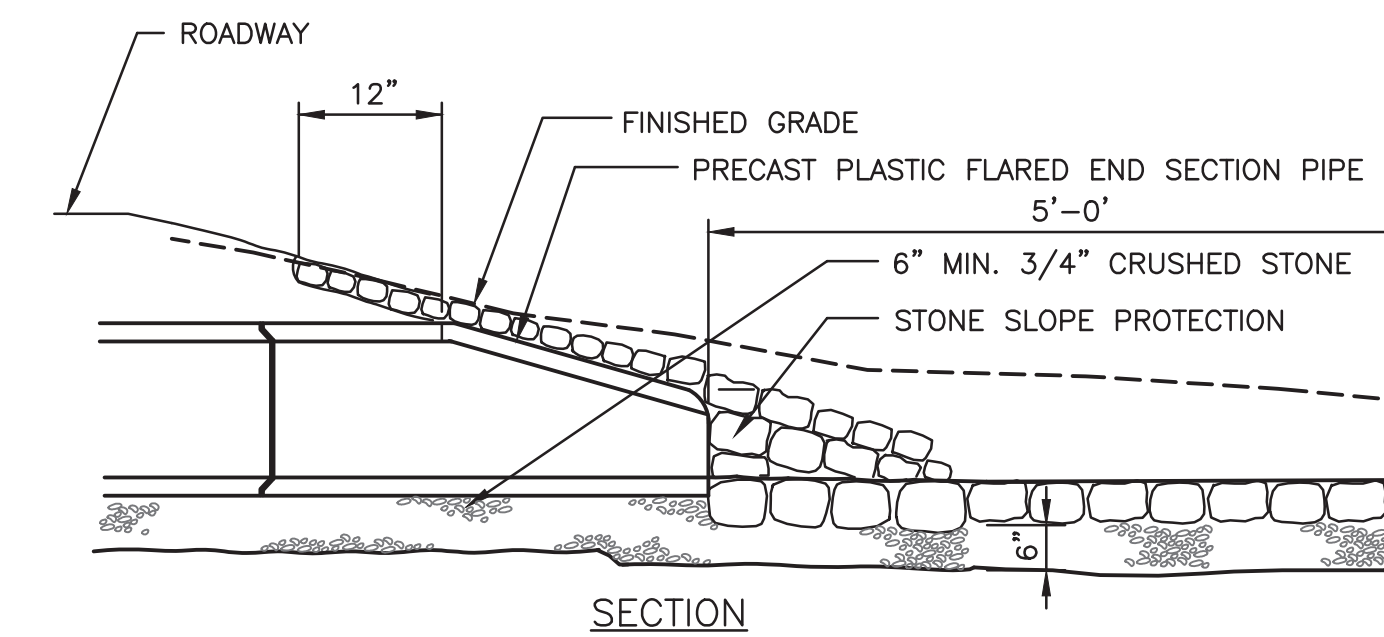
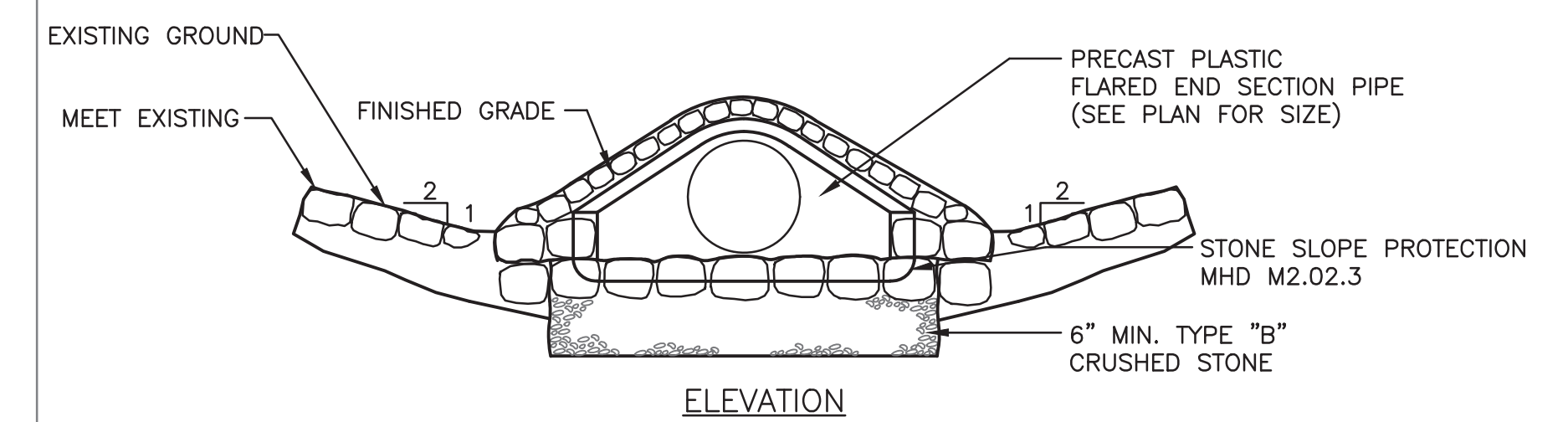
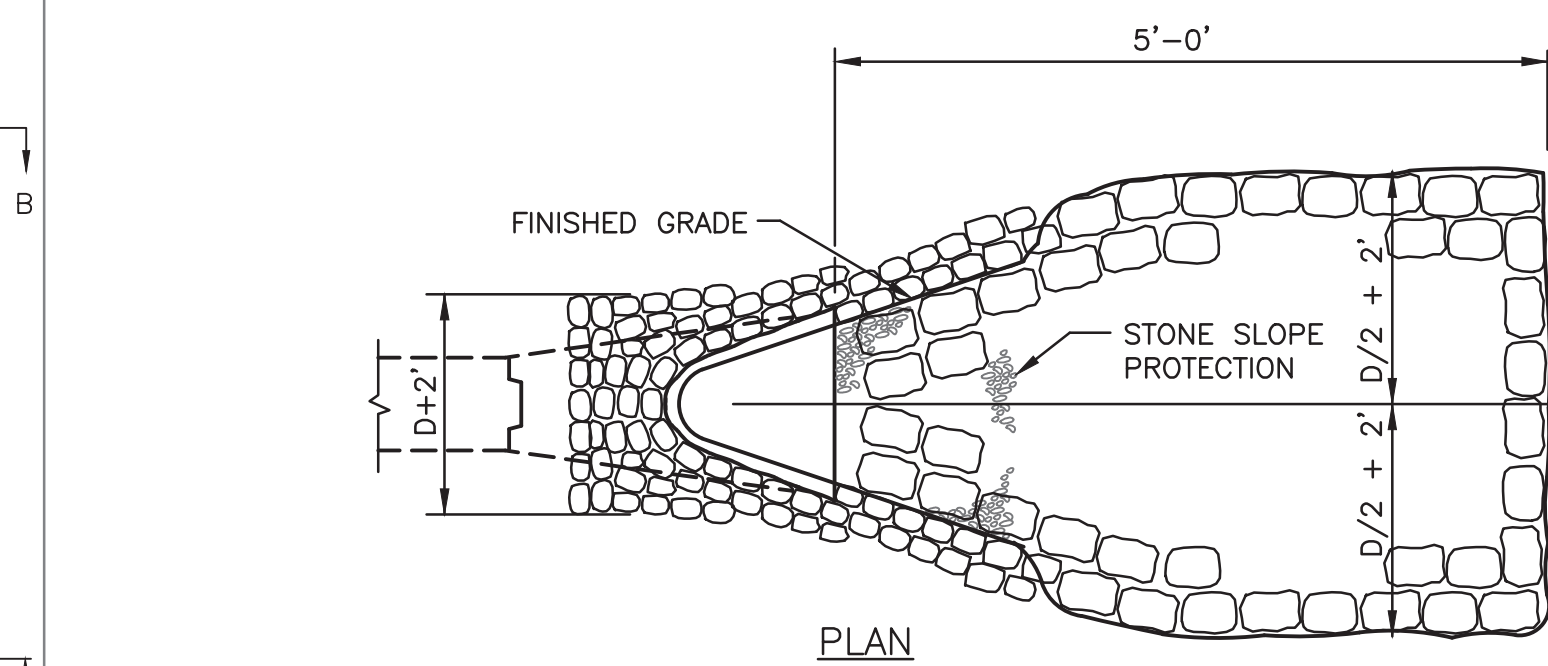
PRECAST CONCRETE MANHOLE

NOT TO SCALE



CATCH BASIN GRATE AND CONCRETE COLLARS

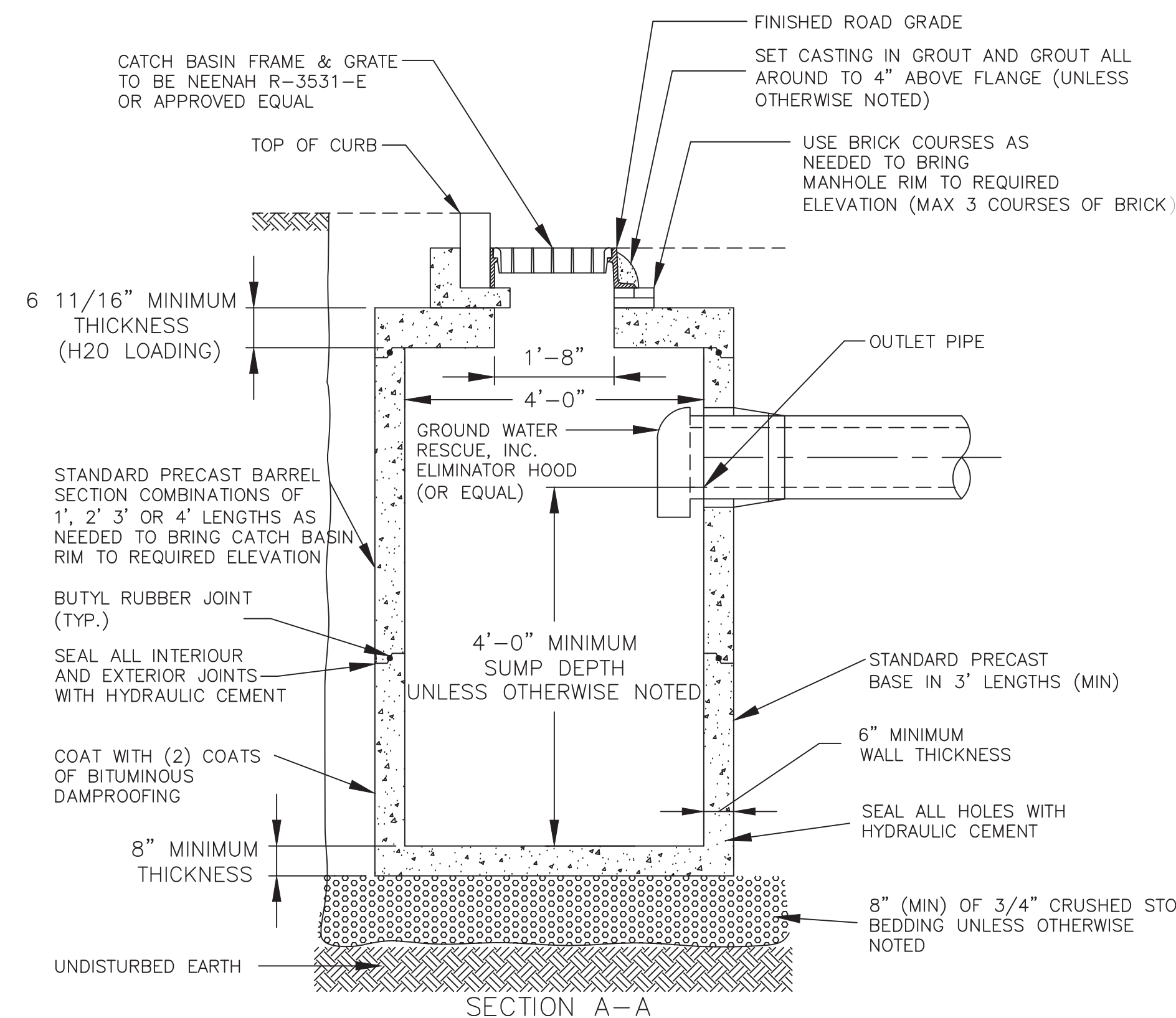
NOT TO SCALE



NOTE: CONSTRUCTION TYPICAL FOR ALL AREAS REQUIRING SLOPE PROTECTION AS DIRECTED BY THE ENGINEER.

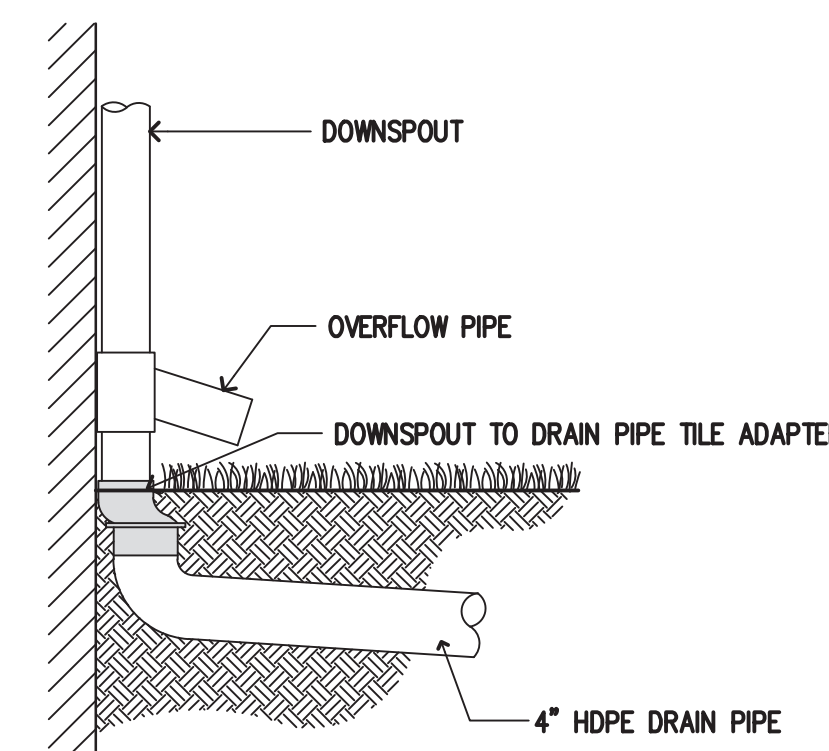
FLARED END DETAILS

NOT TO SCALE



DOUBLE GRATE CONCRETE CATCH BASIN

NOT TO SCALE



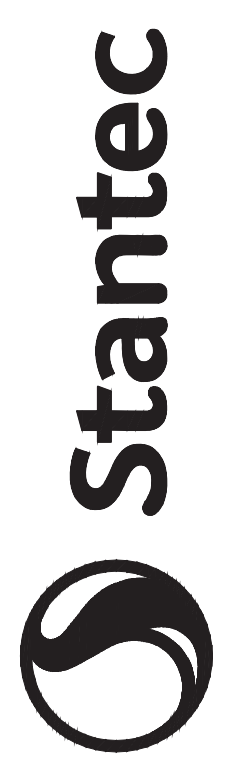
DOWNSPOUT CONNECTION DETAIL

NOT TO SCALE

FOR PERMITTING ONLY NOT FOR CONSTRUCTION

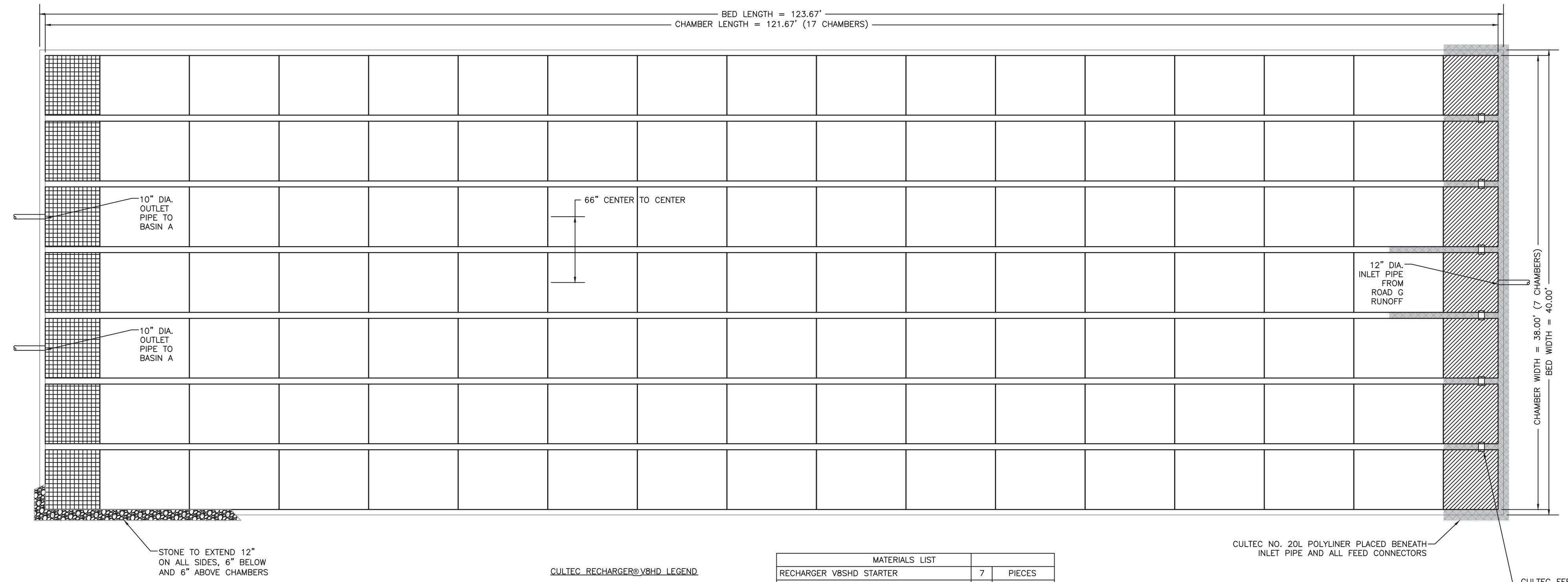
Client/Project: Town of Scituate, Plymouth County, Massachusetts
 Title: STORMWATER DETAILS
 Permit: 3599-S-DETAILS
 Project Number: 3599
 File Name: 3599-S-DETAILS

Revision: 1
 Issued: 11/11/10
 By: TYM/MD
 Title: CIVIL ENGINEER
 Project Number: 3599
 File Name: 3599-S-DETAILS
 Date: 2017.03.24
 Drawing No.: SD08.04
 Revision: Sheet



144 Main Street Unit 3
 Hyannis, Massachusetts 02601-3128
 www.stantec.com
 The Contractor shall verify and be responsible for all dimensions. DO NOT scale.
 The Contractor shall verify and be responsible for all dimensions. DO NOT scale.
 The Contractor shall verify and be responsible for all dimensions. DO NOT scale.
 or use for any purpose other than that authorized by Stantec & foundation.

N:\Projects\Massachusetts\3599 Scituate At Schute (Rothert, R) (Eng\Dep)\Drawings\3599-S-DETAILS.dwg
 2017/04/07 7:56 AM By: Jennifer Corcoran



CULTEC RECHARGER VBHD LEGEND

- RECHARGER VBHD STARTER
- RECHARGER VBHD INTERMEDIATE
- RECHARGER VBHD END
- HVLV F-110x4 FEED CONNECTOR
- CULTEC NO. 20L POLYETHYLENE LINER

MATERIALS LIST

RECHARGER VBHD STARTER	7	PIECES
RECHARGER VBHD INTERMEDIATE	105	PIECES
RECHARGER VBHD END	7	PIECES
HVLV F-110x4 FEED CONNECTORS	6	PIECES
CULTEC NO. 410 FILTER FABRIC	1356	SQ. YARDS
CULTEC NO. 20L POLYETHYLENE LINER	40	LINEAL FEET
DOUBLE WASHED STONE	398	CU. YARDS

**LAYOUT DETAILS OF PROPOSED LEACHING SYSTEM
FOR ROAD G RUNOFF**
NOT TO SCALE

PLAN VIEW B-B
N.T.S.

CDS2015-4-C DESIGN NOTES

CDS2015-4-C RATED TREATMENT CAPACITY IS 1.4 CFS, OR PER LOCAL REGULATIONS.

THE STANDARD CDS2015-4-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION	
GRATED INLET ONLY (NO INLET PIPE)	
GRATED INLET WITH INLET PIPE OR PIPES	
CURB INLET ONLY (NO INLET PIPE)	
CURB INLET WITH INLET PIPE OR PIPES	

ELEVATION A-A
N.T.S.

FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH () ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH CONSTRUCTION PRODUCTS REPRESENTATIVE. www.contech-cpi.com
- CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- STRUCTURE SHALL MEET AASHTO H520 AND CASTINGS SHALL MEET AASHTO M208 LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
- PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	
WATER QUALITY FLOW RATE (CFS)	-
PEAK FLOW RATE (CFS)	-
RETURN PERIOD OF PEAK FLOW (YRS)	-
SCREEN APERTURE (2400 OR 4700)	-

PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	*	*	*
INLET PIPE 2	*	*	*
OUTLET PIPE	*	*	*

RIM ELEVATION		
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT
	*	*

NOTES/SPECIAL REQUIREMENTS:
* PER ENGINEER OF RECORD

FOR PERMITTING ONLY NOT FOR CONSTRUCTION

Client/Project: **Toll MA Land III L.P.**
Westborough, MA
SEASIDE AT SCITUATE

Permit:

Project Number: **3599**
File Name: **3599-S-DETAILS**

ESE: Stantec Stantec 2017.03.24
Dwn: Ctkld Dgr TY.M.M.D.D

Drawing No. **SD08.08**
Revision Sheet

Stantec

144 Main Street Unit 3
Hyannis, Massachusetts 02601-3128
www.stantec.com

TY.M.M.D.D
By: TY.M.M.D.D
Issued

Revision

Town of Scituate, Plymouth County, Massachusetts
STORMWATER DETAILS

