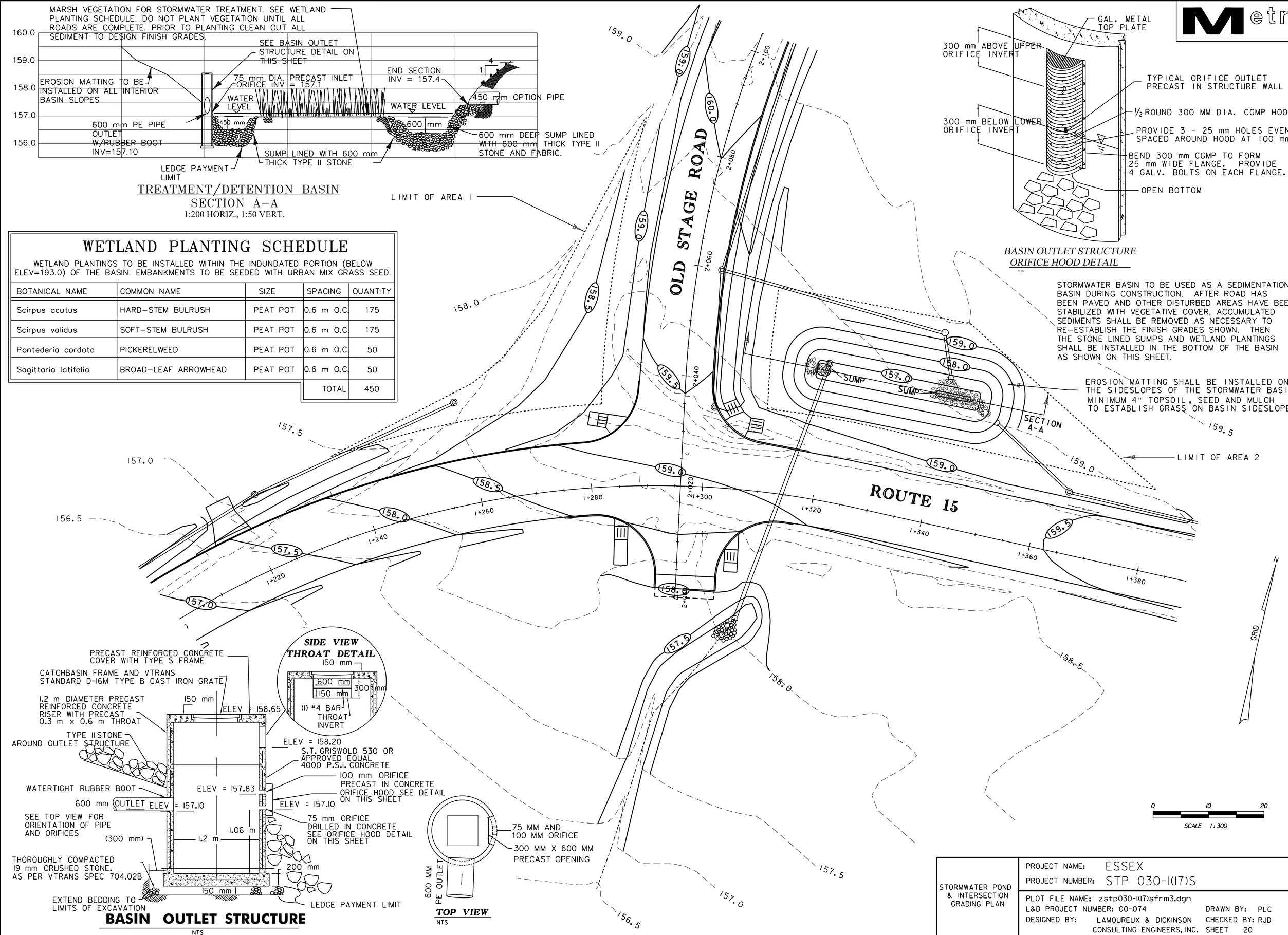
TREATMENT/DETENTION BASIN
SECTION A–A
1:200 HORIZ., 1:50 VERT.

WETLAND PLANTING SCHEDULE

WETLAND PLANTINGS TO BE INSTALLED WITHIN THE INDUNDATED PORTION (BELOW ELEV=193.0) OF THE BASIN. EMBANKMENTS TO BE SEEDED WITH URBAN MIX GRASS SEED.

BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QUANTITY
Scirpus acutus	HARD–STEM BULRUSH	PEAT POT	0.6 m O.C.	175
Scirpus validus	SOFT–STEM BULRUSH	PEAT POT	0.6 m O.C.	175
Pontederia cordata	PICKERELWEED	PEAT POT	0.6 m O.C.	50
Sagittaria latifolia	BROAD–LEAF ARROWHEAD	PEAT POT	0.6 m O.C.	50
			TOTAL	450



BASIN OUTLET STRUCTURE ORIFICE HOOD DETAIL
NTS

STORMWATER BASIN TO BE USED AS A SEDIMENTATION BASIN DURING CONSTRUCTION. AFTER ROAD HAS BEEN PAVED AND OTHER DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATIVE COVER, ACCUMULATED SEDIMENTS SHALL BE REMOVED AS NECESSARY TO RE-ESTABLISH THE FINISH GRADES SHOWN. THEN THE STONE LINED SUMPS AND WETLAND PLANTINGS SHALL BE INSTALLED IN THE BOTTOM OF THE BASIN AS SHOWN ON THIS SHEET.

EROSION MATTING SHALL BE INSTALLED ON THE SIDESLOPES OF THE STORMWATER BASIN. MINIMUM 4" TOPSOIL, SEED AND MULCH TO ESTABLISH GRASS ON BASIN SIDESLOPES

BASIN OUTLET STRUCTURE
NTS

TOP VIEW
NTS

STORMWATER POND & INTERSECTION GRADING PLAN	PROJECT NAME: ESSEX PROJECT NUMBER: STP 030-1(17)S
	PLOT FILE NAME: zstp030-1(17)sfrm3.dgn L&D PROJECT NUMBER: 00-074 DRAWN BY: PLC DESIGNED BY: LAMOUREUX & DICKINSON CHECKED BY: RJD CONSULTING ENGINEERS, INC. SHEET 20