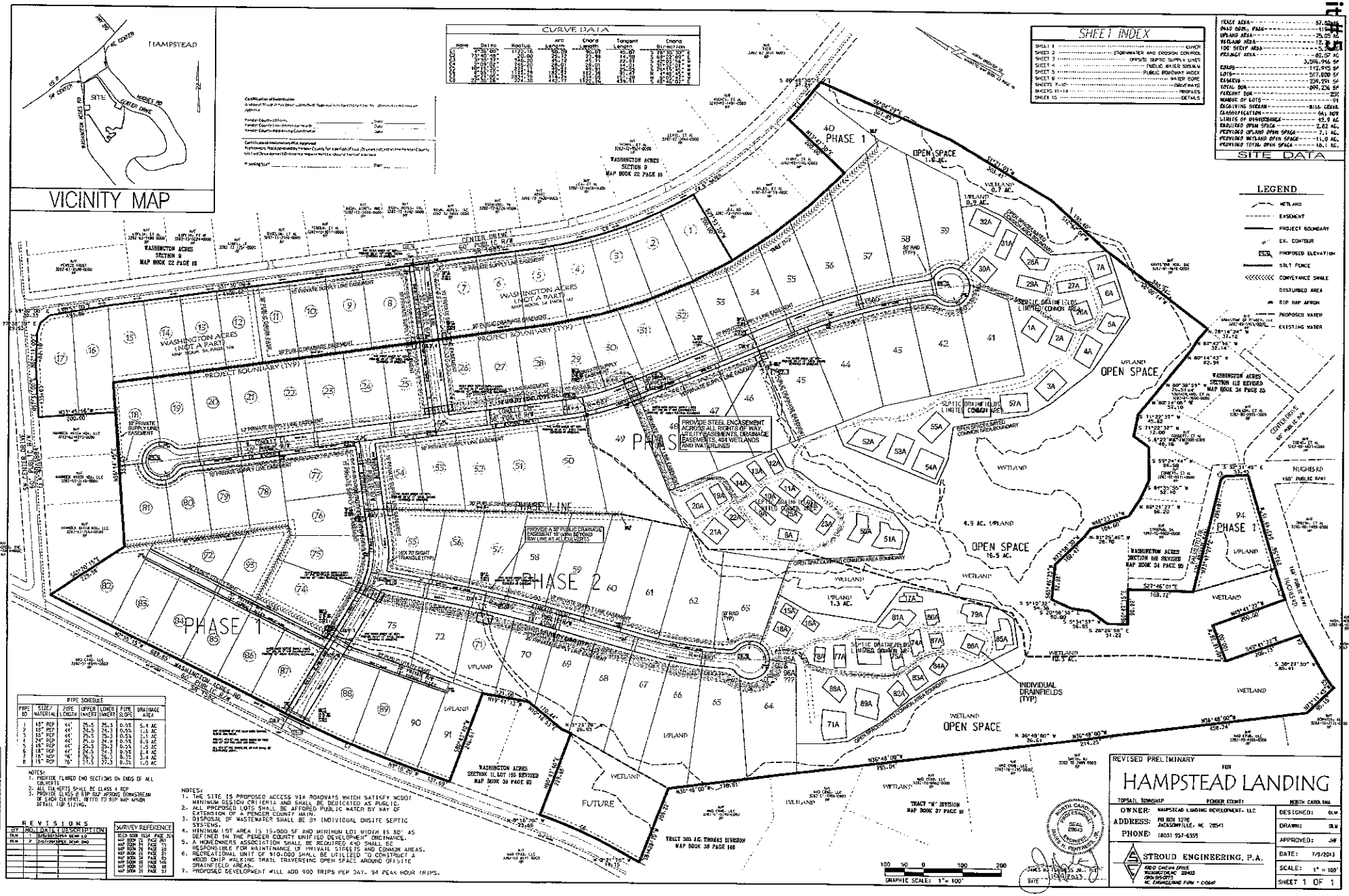
Exhibit #5



PIPE SCHEDULE

PIPE ID	SIZE/ MATERIAL	PIPE LENGTH	UPPER INVERT	LOWER INVERT	PIPE SLOPE	DRAINAGE AREA
1	18" RCP	44'	25.5	25.3	0.5%	5.4 AC
2	18" RCP	44'	25.5	24.3	0.5%	1.6 AC
3	18" RCP	44'	25.5	25.3	0.5%	2.1 AC
4	24" RCP	44'	25.0	24.8	0.5%	9.9 AC
5	18" RCP	44'	25.5	25.3	0.5%	1.5 AC
6	18" RCP	44'	24.5	24.3	0.5%	2.4 AC
7	18" RCP	76'	26.5	26.3	0.3%	3.4 AC
8	18" RCP	76'	27.5	27.3	0.3%	1.0 AC

NOTES:
1. PROVIDE FLARED END SECTIONS ON ENDS OF ALL CULVERTS
2. ALL CULVERTS SHALL BE CLASS 4 RCP
3. PROVIDE CLASS B RIP RAP APRONS DOWNSTREAM OF EACH CULVERT. REFER TO RIP RAP APRON DETAIL FOR SIZING.

REVISIONS

BY	NO.	DATE	DESCRIPTION
DLM	1	3/5/2013	PER DEMR LO
DLM	2	3/27/2013	PER DEMR DWG

SURVEY REFERENCE

DESCRIPTION	DATE	PAGE
MAP BOOK 22		PAGE 26
MAP BOOK 24		PAGE 26
MAP BOOK 26		PAGE 33
MAP BOOK 28		PAGE 33
MAP BOOK 29		PAGE 33
MAP BOOK 34		PAGE 85
MAP BOOK 36		PAGE 146
MAP BOOK 37		PAGE 18
MAP BOOK 39		PAGE 93

NOTES:
1. THE SITE IS PROPOSED ACCESS VIA ROADWAYS WHICH SATISFY NCDOT MINIMUM DESIGN CRITERIA AND SHALL BE DEDICATED AS PUBLIC.
2. ALL PROPOSED LOTS SHALL BE AFFORED PUBLIC WATER BY WAY OF EXTENSION OF A PENDER COUNTY MAIN.
3. DISPOSAL OF WASTEWATER SHALL BE BY INDIVIDUAL ONSITE SEPTIC SYSTEMS.
4. MINIMUM LOT AREA IS 15,000 SF AND MINIMUM LOT WIDTH IS 80' AS DEFINED IN THE PENDER COUNTY UNIFIED DEVELOPMENT ORDINANCE.
5. A HOMEOWNERS ASSOCIATION SHALL BE REQUIRED AND SHALL BE RESPONSIBLE FOR MAINTENANCE OF PRIVATE STREETS AND COMMON AREAS.
6. RECREATIONAL UNIT OF $10,000 SHALL BE UTILIZED TO CONSTRUCT A WOOD CHIP WALKING TRAIL TRAVERSING OPEN SPACE AROUND OFFSITE DRAINFIELD AREAS.
7. PROPOSED DEVELOPMENT WILL ADD 900 TRIPS PER DAY, 94 PEAK HOUR TRIPS.

PROJECT NO.: PM-2013
DRAWING NAME: I:\HAMPSTEAD\PROJECTS\PLAN\PLAN.DWG