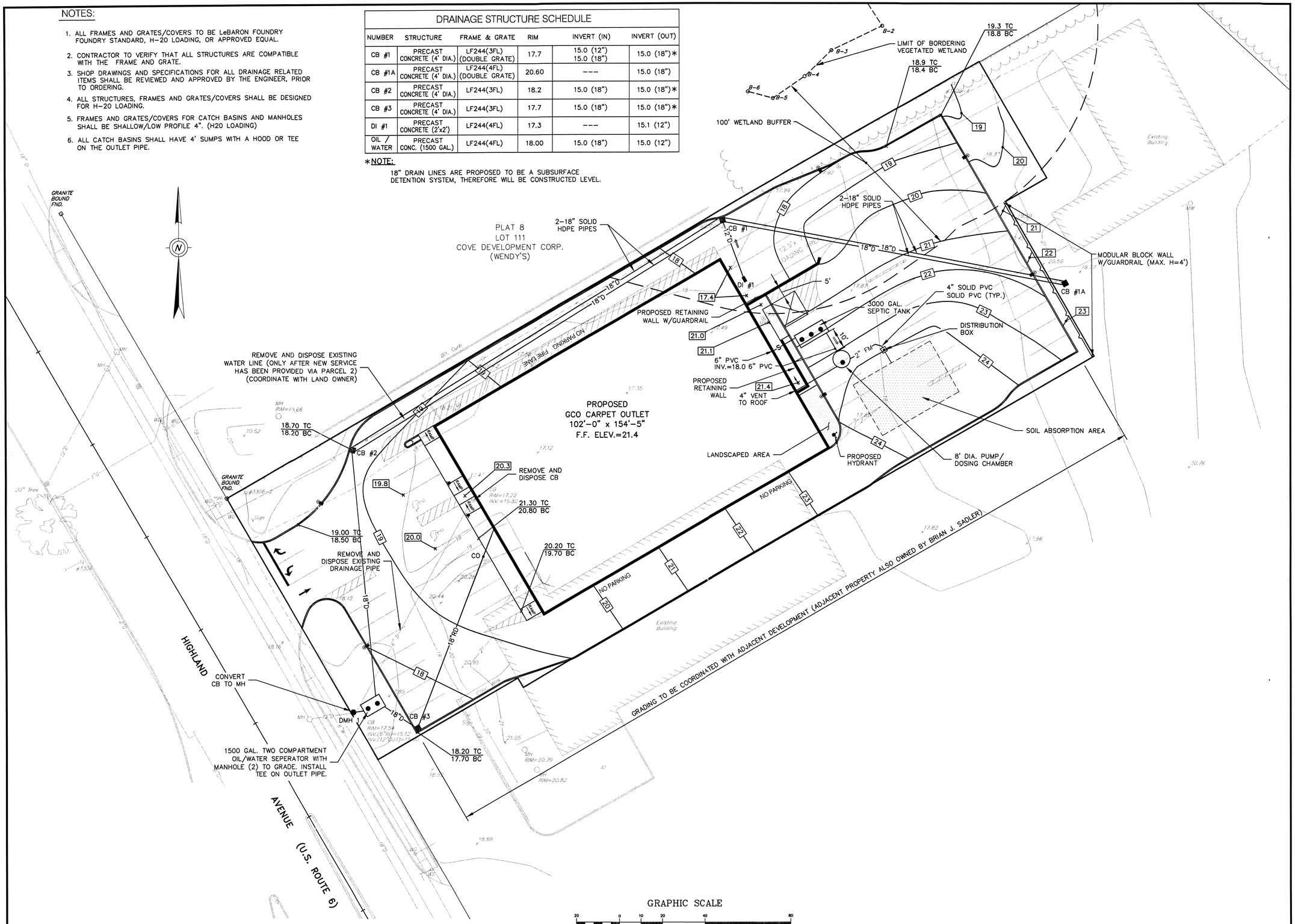
NOTES:

1. ALL FRAMES AND GRATES/COVERS TO BE LeBARON FOUNDRY FOUNDRY STANDARD, H-20 LOADING, OR APPROVED EQUAL.
2. CONTRACTOR TO VERIFY THAT ALL STRUCTURES ARE COMPATIBLE WITH THE FRAME AND GRATE.
3. SHOP DRAWINGS AND SPECIFICATIONS FOR ALL DRAINAGE RELATED ITEMS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER, PRIOR TO ORDERING.
4. ALL STRUCTURES, FRAMES AND GRATES/COVERS SHALL BE DESIGNED FOR H-20 LOADING.
5. FRAMES AND GRATES/COVERS FOR CATCH BASINS AND MANHOLES SHALL BE SHALLOW/LOW PROFILE 4". (H20 LOADING)
6. ALL CATCH BASINS SHALL HAVE 4' SUMPS WITH A HOOD OR TEE ON THE OUTLET PIPE.

DRAINAGE STRUCTURE SCHEDULE

NUMBER	STRUCTURE	FRAME & GRATE	RIM	INVERT (IN)	INVERT (OUT)
CB #1	PRECAST CONCRETE (4' DIA.)	LF244(3FL) (DOUBLE GRATE)	17.7	15.0 (12") 15.0 (18")	15.0 (18")*
CB #1A	PRECAST CONCRETE (4' DIA.)	LF244(4FL) (DOUBLE GRATE)	20.60	---	15.0 (18")
CB #2	PRECAST CONCRETE (4' DIA.)	LF244(3FL)	18.2	15.0 (18")	15.0 (18")*
CB #3	PRECAST CONCRETE (4' DIA.)	LF244(3FL)	17.7	15.0 (18")	15.0 (18")*
DI #1	PRECAST CONCRETE (2'x2')	LF244(4FL)	17.3	---	15.1 (12")
OIL / WATER	PRECAST CONC. (1500 GAL.)	LF244(4FL)	18.00	15.0 (18")	15.0 (12")

*NOTE:
18" DRAIN LINES ARE PROPOSED TO BE A SUBSURFACE DETENTION SYSTEM, THEREFORE WILL BE CONSTRUCTED LEVEL.



- Civil
- Transportation
- Environmental
- Site Planning
- Land Surveying

CROSSMAN ENGINEERING, INC.
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: cei@crossmaneng.com
Web Page:crossmaneng.com

PROJECT TITLE
PROPOSED
GCO
CARPET OUTLET
A.P. 8 LOT 8
PARCEL 1
16 HIGHLAND AVENUE
SEEKONK, MA. 02771
ZONING DISTRICT:
HIGHWAY BUSINESS

PREPARED FOR
PLV CORP.
d/b/a GCO CARPET OUTLET
650 BRANCH AVENUE
PROVIDENCE, RI 02904

DRAWING TITLE
GRADING, SEPTIC AND DRAINAGE PLAN

DATE	*SCALE*
NOVEMBER, 2002	1"=20'

DWG NAME
970-GRADE.dwg

NO.	*DATE*	*REVISION*
1	12/12/02	WETLAND FLAGS
2	12/24/02	CONSERVATION AGENT COMMENTS

DRAWING NUMBER
A1.4
SHEET: 5 *OF:* 12

AGENCY REVIEW SUBMISSION