COLUMBIA
HOWARD COUNTY, MARYLAND
6TH ELECTION DISTRICT

ROAD CONSTRUCTION PLANS
OWEN BROWN ROAD AND TEMPORARY BROKEN LAND PKWY. CONNECTION

OWNER AND DEVELOPER
THE HOWARD RESEARCH AND DEVELOPMENT CORP.
COLUMBIA, MARYLAND

GENERAL NOTES
1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARDS SPECIFIED.
2. APPROPRIATE LOCATION OF EXISTING UTILITIES AND KNOWLEDGE OF THE CONTRACTOR SHALL BE REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. NO PENalties WILL BE IMPOSED DUE TO THE CONTRACTOR'S OPERATIONS THAT ARE REQUIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITIES, WHERE BURIED OR THE CONTRACTOR DEFERS TO THE ENGAGEMENTS, A MINIMUM OF THE WIDTH IN ACCORDANCE WITH CONSTRUCTION OPERATIONS.
4. CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES AT LEAST THREE DAYS BEFORE STARTING WORK OR REMOVING MATERIALS:
   - DELL TELEPHONE SYSTEM
   - LAN SUB-DISTRIBUTION DISSAID
   - BALEM DIGITAL SERVICES
   - DALLA DIGITAL SERVICES
   - DASH DIGITAL SERVICES
   - CNS DIGITAL SERVICES
   - CNC DIGITAL SERVICES

5. TEMPORARY DRAIN TRENCHES WITHIN ROAD RIGHTS-OF-WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
6. DESIGN TRAFFIC SPEEDS TO BE ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS STANDARDS.
   - OWEN ROAD: 25 M.H.
   - TEMP CONNECTION: 30 M.H.
7. ALL DISTURBED EARTH AREAS TO BE STABILIZED AS SOON AS GRAVITY IS COMPLETED.
8. CONTRACTORS TO NOTIFY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT 50-730-3760 AT LEAST THREE DAYS BEFORE STARTING WORK OR REMOVING MATERIALS.
9. ON ALL PERIMETER AREAS, REPLACE POT AND CONCRETE CONCRETE "FLEXIBLE" TURF GROUND AND PLANT "APPROVED" SOILS.
10. TEMPORARY CONNECTORS, THE X-HIGH QUALITY CONCRETE CONCRETE "FLEXIBLE" TURF GROUND AND PLANT "APPROVED" SOILS.
11. ALL SCAFFOLD AND DOTTED TRAFFIC SPEEDS TO BE ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS STANDARDS AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND THE HOWARD COUNTY PLANNING BOARD STANDARDS ENTITLED "TARRANDT AND SPECIFICATIONS FOR ROAD DESIGN AND MAINTENANCE.
12. INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (10TH EDITION).
13. PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE CONES CLEAR OF THE WORK SITE AND THE CONTRACTOR SHALL BE DENIED OF ACCESS TO THE WORK SITE.
14. PIPE INSTALLATION: THE TYPES OF MECHANICAL DRAINAGE SYSTEM INSTALLATION ADOPTED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND THE HOWARD COUNTY PLANNING BOARD STANDARDS AS DESCRIBED IN THE STANDARDS MAY BE INSTALLED OR ALTERNATIVE pipe MEASUREMENTS AS DEPICTED ON THE DRAWINGS.
15. INSTALLATION OF TRAFFIC SPEEDS TO BE ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS STANDARDS.

SCALE 1" = 200'

DEPARTMENT OF PUBLIC WORKS
CHIEF, DIVISION OF HIGHWAYS

OFFICE OF PLANNING AND ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

GREEN ASSOCIATES, INC.
CONSULTING ENGINEERS
31 WEST STREET
BALTIMORE, MARYLAND
SEDIMENT CONTROL NOTES

1. IMMEDIATELY FOLLOWING THE START OF CONSTRUCTION OPERATIONS THE DIVERSION BERM SHOWN ON THIS PLAN WILL BE CONSTRUCTED USING 18" FLEXIBLE TUBE DOWN DRAIN WHERE GRADE STABILIZATION STRUCTURES ARE SHOWN.
2. DIVERSION BERM WILL BE MAINTAINED AS THE FOLLOWING OPERATIONS PROCEED IN LINTE, SILT TRAPS, SHREDS AND BEING WILL BE RETAINED AFTER FINAL LIFT.
3. DISTURBED AREAS ARE TO BE MAINTAINED IN A HIGH GRASSY CONDITION UNTIL PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF PERENNIAL VEGETATIVE COVER.
4. NO SLOPES SHALL BE STEEPER THAN 1:1 VERTICAL OR 1:3 HORIZONTAL.
5. FORM STABILIZATION WITH VEGETATIVE COVER WILL TAKE PLACE AS EARLY IN THE SPRING AS WEATHER CONDITIONS PERMIT, IT WILL BE DONE AS FOLLOWING LAWN SEEDING: SOWING SEED AT RATE OF 2 LBS PER 1,000 S.F.
6. APPLY 15-0-15 FERTILIZER 250 LBS PER ACRE.
7. SEED BOTH INTO SOIL AND PREPARE SEEDBED AREA WITH YOKE RAKE.
8. SEED 6X6 AREA WITH 60 LBS. KENT TALL FESCUE PER ACRE.
9. SEED ALL 5-1 SEEDS WITH 40 LBS. CROWN FESCUE (INTEGRAL) PER ACRE OR LITE. KING TALL FESCUE PER ACRE.
10. MOWING.
11. Siltation ponds shall drain water shall be applied at 15'-8" tons per acre. Ponds will be tied down with asphalt.
12. ALL DIVERSION CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND MAINTAINED IN EFFECTIVE CONDITION UNTIL PERMIT FOR THEIR WORKING HAS BEEN SECURED FROM THE MUNROE SOIL CONSERVATION DISTRICT (MONO-49-62) PRIOR TO THE START OF ANY WORK.
13. A NOTICE ON WORK MUTE MUST BE GIVEN TO THE MUNROE CONSERVATION DISTRICT (MUN-49-62) PRIOR TO THE START OF ANY WORK.
14. Silt traps will be cleared out immediately after reaches a depth of one foot.
15. 10" FLEXIBLE TUBE DOWN DRAIN AVAILABLE AS "BELLEVUE-WP" FROM ELFAUNSTONE INC., ROUTE 10, BALTIMORE, MD. OR AS APPROVED EQUAL.

COLUMBIA MARYLAND IN ELECTRONIC DATABASE HOWARD COUNTY

DCS 06-7-72

CHAP.

MUNROE SOIL CONSERVATION DISTRICT

DEPARTMENT OF PUBLIC WORKS

GREEN ASSOCIATES INC. CONSULTING ENGINEERS

Baltimore, Maryland

OFFICE OF PLANNING AND ZONING

WASHINGTON, D.C. 20548

PLANS AND SPECIFICATIONS

T-20-DE-22

T-12-OIC

T-02-573