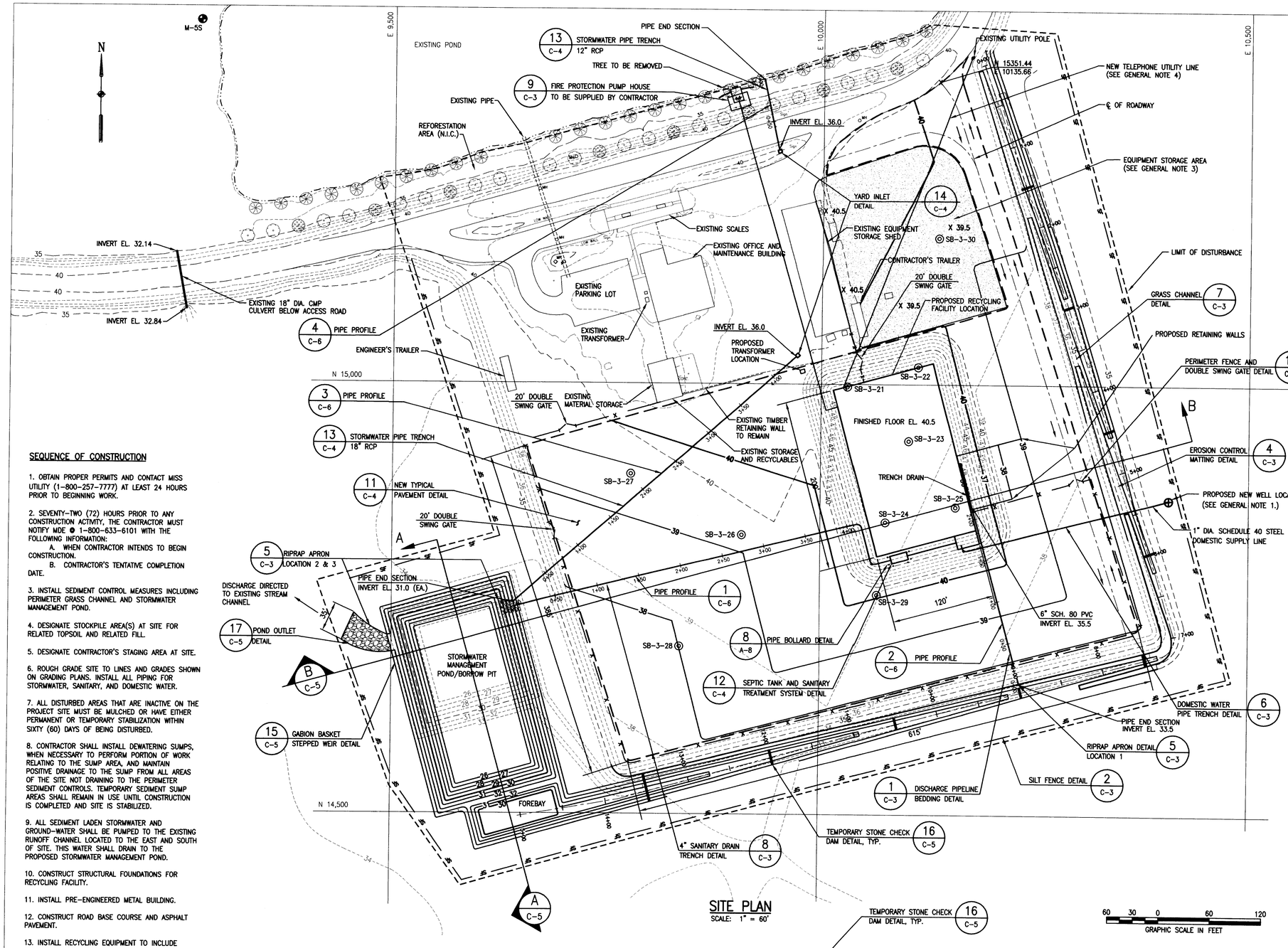


SITE PLAN

SCALE: 1" = 60'

60 30 0 60 120

GRAPHIC SCALE IN FEET

LEGEND

— 30 —	EXISTING INDEX CONTOUR
— 40 —	NEW INDEX CONTOUR
X 39.5	NEW SPOT ELEVATION
MH	EXISTING MANHOLE
- - - - -	LIMIT OF DISTURBANCE
△	EXISTING CONTROL POINT
M-5S	EXISTING MONITORING WELL
SB-3-30	EXISTING SOIL BORING
— SF —	SILT FENCE
— — —	LIMIT OF PAVING
— X —	CHAIN LINK FENCE
	DOUBLE SWING GATE
⊕	NEW WELL LOCATION
▬	STONE CHECK DAM
	NEW TELEPHONE UTILITY LINE
	RIPRAP
	GRAVEL PAD AREA

SEQUENCE OF CONSTRUCTION

1. OBTAIN PROPER PERMITS AND CONTACT MISS UTILITY (1-800-257-7777) AT LEAST 24 HOURS PRIOR TO BEGINNING WORK.

2. SEVENTY-TWO (72) HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR MUST NOTIFY MDE @ 1-800-633-6101 WITH THE FOLLOWING INFORMATION:
   A. WHEN CONTRACTOR INTENDS TO BEGIN CONSTRUCTION.
   B. CONTRACTOR'S TENTATIVE COMPLETION DATE.

3. INSTALL SEDIMENT CONTROL MEASURES INCLUDING PERIMETER GRASS CHANNEL AND STORMWATER MANAGEMENT POND.

4. DESIGNATE STOCKPILE AREA(S) AT SITE FOR RELATED TOPSOIL AND RELATED FILL.

5. DESIGNATE CONTRACTOR'S STAGING AREA AT SITE.

6. ROUGH GRADE SITE TO LINES AND GRADES SHOWN ON GRADING PLANS. INSTALL ALL PIPING FOR STORMWATER, SANITARY, AND DOMESTIC WATER.

7. ALL DISTURBED AREAS THAT ARE INACTIVE ON THE PROJECT SITE MUST BE MULCHED OR HAVE EITHER PERMANENT OR TEMPORARY STABILIZATION WITHIN SIXTY (60) DAYS OF BEING DISTURBED.

8. CONTRACTOR SHALL INSTALL DEWATERING SUMPS, WHEN NECESSARY TO PERFORM PORTION OF WORK RELATING TO THE SUMP AREA, AND MAINTAIN POSITIVE DRAINAGE TO THE SUMP FROM ALL AREAS OF THE SITE NOT DRAINING TO THE PERIMETER SEDIMENT CONTROLS. TEMPORARY SEDIMENT SUMP AREAS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND SITE IS STABILIZED.

9. ALL SEDIMENT LADEN STORMWATER AND GROUND-WATER SHALL BE PUMPED TO THE EXISTING RUNOFF CHANNEL LOCATED TO THE EAST AND SOUTH OF SITE. THIS WATER SHALL DRAIN TO THE PROPOSED STORMWATER MANAGEMENT POND.

10. CONSTRUCT STRUCTURAL FOUNDATIONS FOR RECYCLING FACILITY.

11. INSTALL PRE-ENGINEERED METAL BUILDING.

12. CONSTRUCT ROAD BASE COURSE AND ASPHALT PAVEMENT.

13. INSTALL RECYCLING EQUIPMENT TO INCLUDE CONVEYOR BELTS, TWO-RAM BAILOR, SORTING PLATFORM AND RELATED PARTS.

14. INSTALL ALL ELECTRICAL AND POWER REQUIREMENTS.

15. COMPLETE RECYCLING FACILITY WITH ARCHITECTURAL FINISHES, PERSONNEL AND VEHICLE BAY DOORS, AND ASSOCIATED LOCKER ROOM AND OFFICE FINISHES.

16. FINE GRADE ANY REMAINING UNSTABILIZED AREA OF PROJECT SITE. LANDSCAPE OR STABILIZE DISTURBED AREA IN ACCORDANCE WITH SPECIFICATIONS.

17. REMOVE SILT FENCE WITH PRIOR WRITTEN APPROVAL FROM WORCESTER COUNTY SCD WHEN STABILIZATION IS COMPLETE AT THE PROJECT SITE.

EROSION AND SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR WILL COMPLY WITH ALL REQUIREMENTS OF SEDIMENT AND EROSION CONTROL AS SET FORTH IN THE 1994 MARYLAND STANDARD FOR EROSION AND SEDIMENT CONTROL, AND THE CONTRACT SPECIFICATIONS.

2. INITIAL DISTURBANCE WILL BE LIMITED TO THAT NECESSARY TO GAIN ENTRANCE TO THE SITE AND INSTALL NECESSARY SEDIMENT CONTROLS AS PER THE APPROVED PLANS.

3. ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF TRENCH WHENEVER POSSIBLE AND CONFINED TO AN AREA WHERE IT WILL NOT OBSTRUCT THE NORMAL COURSE OF DRAINAGE.

4. CONTINUOUS INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL DEVICES IS MANDATORY.

5. ANY SEDIMENT CONTROL DEVICES DISTURBED DURING CONSTRUCTION MUST BE RESTORED IMMEDIATELY.

6. ALL POINT OF INGRESS AND EGRESS SHALL BE PROTECTED TO MINIMIZE TRACKING OF MUD ONTO PUBLIC RIGHT-OF-WAYS.

7. ANY EARTH, GRAVEL, AND/OR OTHER MATERIAL TRACKED, SPILLED, OR WASHED ONTO ADJACENT ROADS MUST BE IMMEDIATELY REMOVED AND DISPOSED OF IN A PROPER MANNER. FLUSHING WILL NOT BE PERMITTED. ALL MATERIAL MUST BE REMOVED BY MEANS OF SHOVELING AND SWEEPING.

8. VEGETATIVE STABILIZATION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

9. SOILS IN THIS AREA ARE CLASSIFIED AS SASSAFRASS SANDY LOAM (HSG-TYPE B) AND WOODSTOWN SANDY LOAM (HSG-TYPE C).

10. FOLLOWING INITIAL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS ON ALL PERIMETER CONTROLS AND SLOPES GREATER THAN 3H:1V AND FOURTEEN (14) DAYS ON ALL OTHER DISTURBED AREAS ON THE SITE.

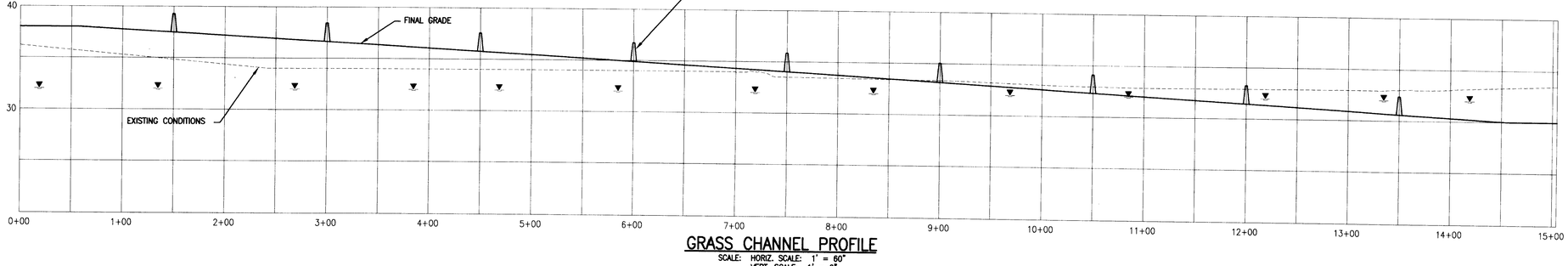
GENERAL NOTES:

1. NEW DOMESTIC WATER SUPPLY WELL TO BE INSTALLED TO A MINIMUM DEPTH OF 160 FT. (BOTTOM OF CASING). WELL DIAMETER SHALL BE ONE INCH (1"). A 1/2-HP SUBMERSIBLE PUMP SHALL BE INSTALLED TO A DEPTH OF 155 FT. (BOTTOM OF PUMP). PIPING SHALL BE 1" DIA. SCHEDULE 40 STEEL PIPE AND EXTEND UPWARD TO AN ELEVATION 4 FT. BELOW GROUND SURFACE (APPROXIMATE EL. 31.0). WELL INSTALLATION SHALL BE CONDUCTED BY A MARYLAND-LICENSED WELL DRILLER IN ACCORDANCE WITH MARYLAND REGULATIONS.

2. EXCESS CUT MATERIAL SHALL BE DISPOSED OF AT THE WORKING FACE OF THE CURRENT LANDFILL OPERATIONS. CONTRACTOR TO COORDINATE EARTH MOVING OPERATIONS WITH OWNER.

3. GROUND SURFACE OF EQUIPMENT STORAGE AREA SHALL CONSIST OF 14" THICK SURFACE LAYER OF MARYLAND STATE CR-6 STONE. TRANSITION FROM STONE TO NEW PAVEMENT SHALL BE LEVEL. GRADES INDICATED ON THIS SHEET REFLECT TOP OF STONE. GRADING SHALL BE CONDUCTED IN SUCH A MANNER AS TO PROMOTE DRAINAGE IN AN EASTERLY DIRECTION.

4. TELEPHONE WIRE SHALL BE BURIED AT A MINIMUM DEPTH OF 4 FT BELOW EXISTING GRADE. WIRE SHALL BE CAPABLE OF HANDLING FOUR (4) TELEPHONE LINES AND TRAVEL THROUGH TWO (2) PROTECTIVE CONDUIT CASINGS.



GRASS CHANNEL PROFILE

SCALE: HORIZ. SCALE: 1" = 60'
VERT. SCALE: 1" = 6'

NO.	DATE	BY	DESCRIPTION

REVISIONS

SEAL

STATE OF MARYLAND GEOFFREY A. YARNOFF REGISTERED PROFESSIONAL ENGINEER No. 28324

CENTRAL LANDFILL FACILITY SITE
MUNICIPAL SOLID WASTE RECOVERY FACILITY

WORCESTER COUNTY, MARYLAND

SITE GRADING PLAN

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

Loveton Center
15 Loveton Circle
Sparks, Maryland 21152
(410) 771-4950

DATE	MAY 2002
DESIGNED BY	DOK
DRAWN BY	FDV
CHECKED BY	GAT
PROJECT MANAGER	GAT
PROJECT NUMBER	10609.14
SCALE	AS SHOWN
FILE NAME	C-2
DRAWING NUMBER	C-2
SHEET NUMBER	3 OF 31

FILE: (LOVETON) Q:\PROJECTS\10609\A\CONTRACT DRAWINGS\C-2.DWG 6-3-02