

**BETHLEHEM
CENTER II**
241 NYS Route 9W
BETHLEHEM, NY

**NIGRO
COMPANIES**
20 CORPORATE WOODS BLVD.
ALBANY, NEW YORK 12211



B E R G M A N N
associates
Engineers / Architects / Surveyors

200 First Federal Plaza
28 East Main Street, Rochester, New York 14614
585.232.5135 / 585.232.4652 fax

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHKD
1	12/17/04	REV PER TES COMMENTS	DCC	PWG
2	3/18/05	REV PER TOWN ENG. COMMENTS 12/10/04	DCC	PWG
3	8/1/05	REV PER TOWN ENG. COMMENTS 06/30/05	DCC	PWG
4	09/26/05	REDNOTE ONLY	DCC	PWG
5	10/14/05	REDNOTE ONLY	DCC	PWG
6	2/01/06	REVISED BLDG. ENVELOPE	DCC	PWG
7	3/22/06	UPDATED SITE LAYOUT	DCC	PWG

NOTE:
Unauthorized alteration or addition to this drawing is a
violation of the New York State Education Law Article
45, Section 7209.

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK

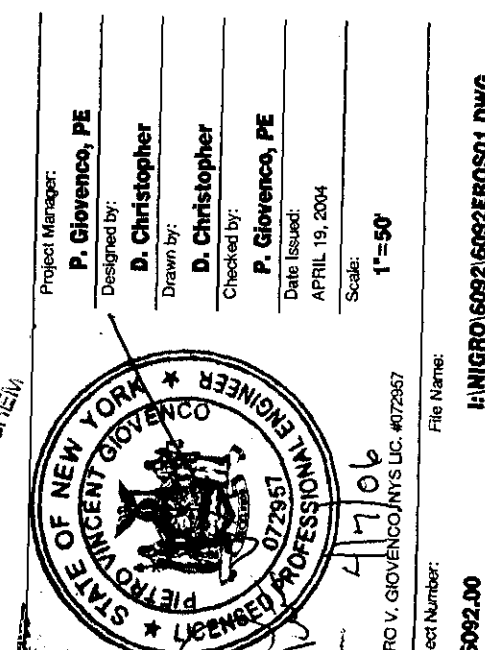
This Site Plan Approved.

Derek J. Smith
TWO CHAIRMAN

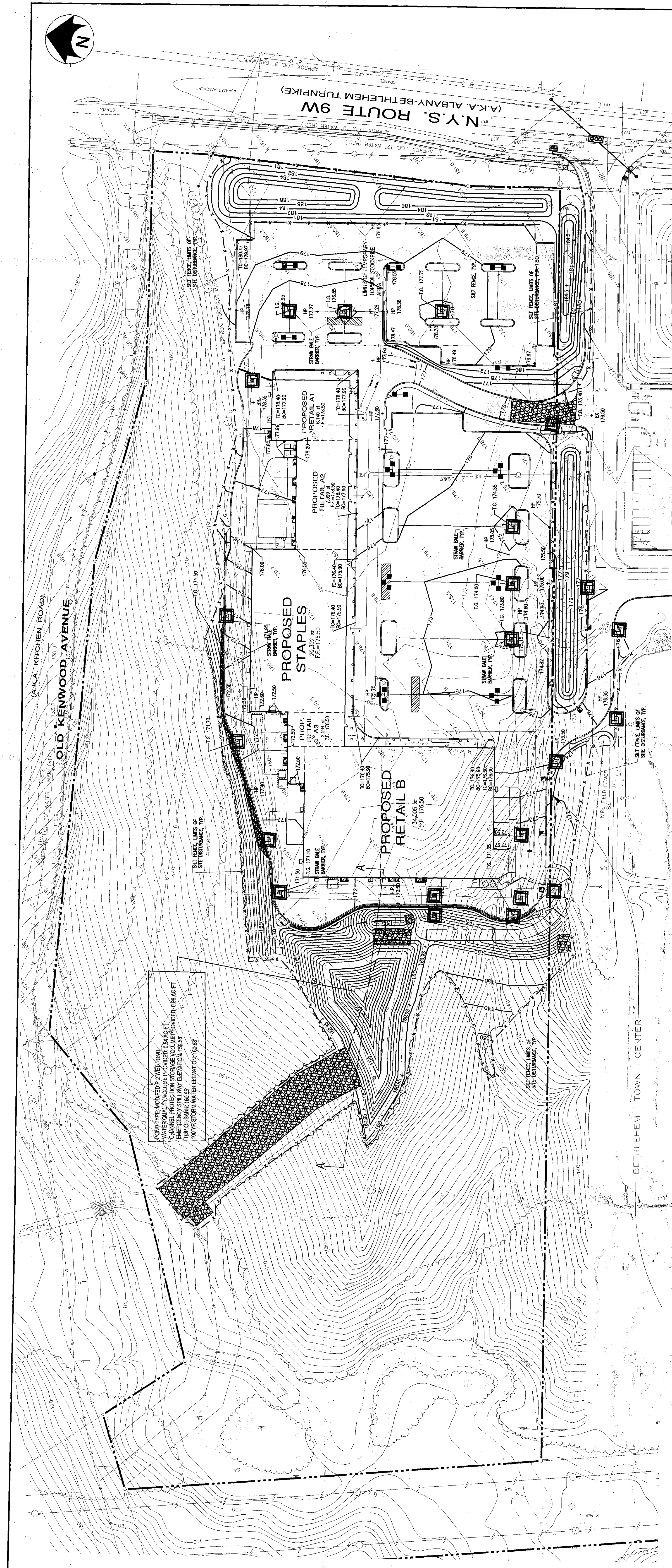
Date 5/14/16

EROSION AND SEDIMENT CONTROL PLAN PHASE II

RECEIVED
MAY 8 2006
PLANNING



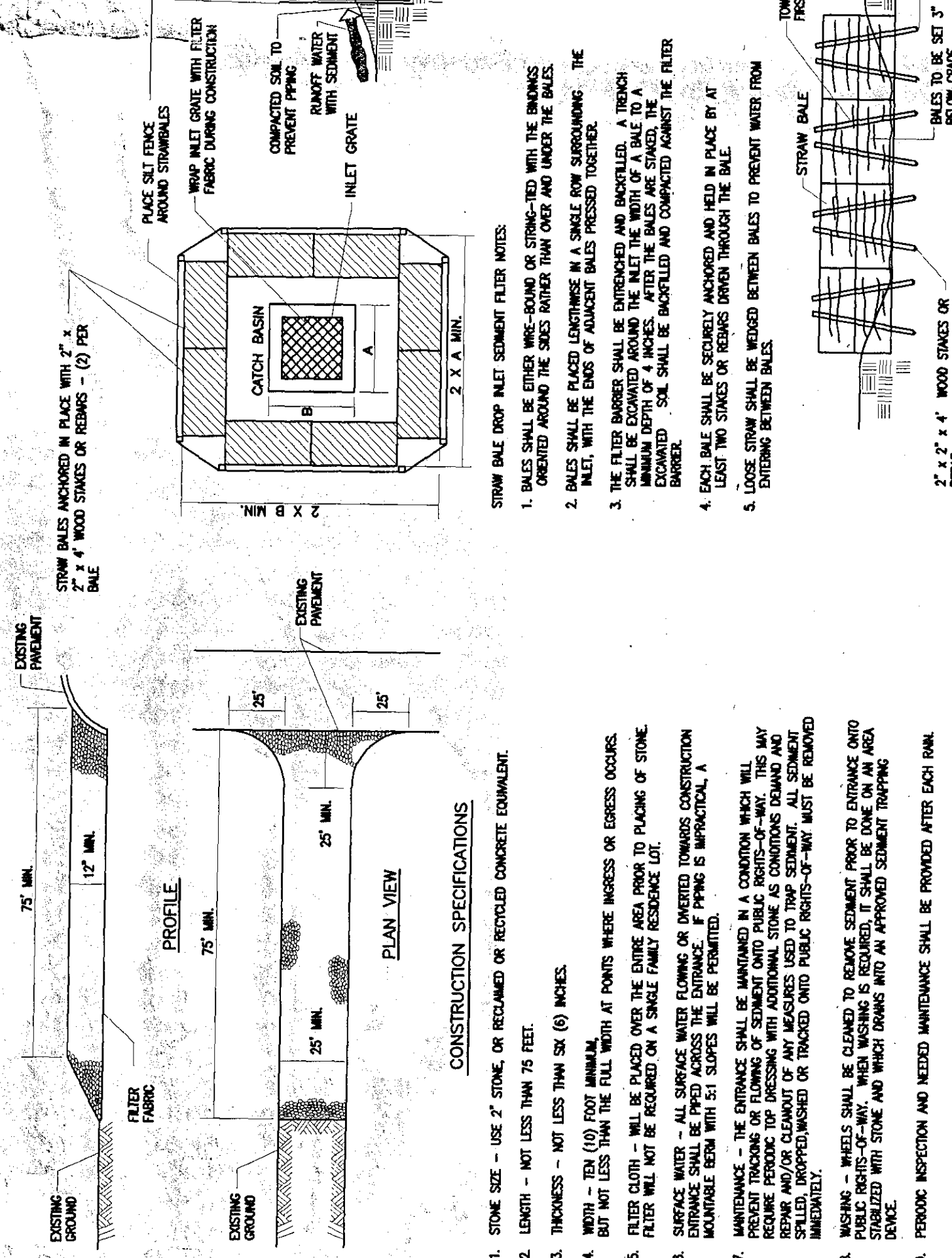
C105



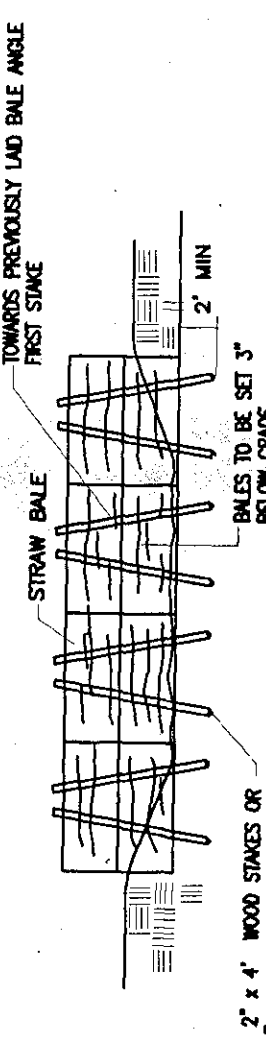
EROSION AND SEDIMENT CONTROL NOTES

1. ALL APPLICABLE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED, STABILIZED AND FUNCTIONAL BEFORE SITE DISTURBANCE WITHIN THE TRIBUTARY AREAS OF THOSE CONTROLS.
 2. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
 3. IF THE SEASONS PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE "STANDARDS", NETTINGS OR LIQUID MULCH BINDER.
 4. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF LINE, FERTILIZER AND SEED APPLICATION AND DATES OF APPLICATION AT THE REQUEST OF THE ENGINEER.
 5. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL THAT SOIL WATER RUNOFF IS DIRECTED TO DRAINAGE FACILITIES. THE CONTRACTOR SHALL INSTALL TEMPORARY DRAINAGE SWALES TO PREVENT DIRECT RUN-OFF TO SEDIMENTATION BASIN.
 6. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED AFTER EACH STORM EVENT AND AFTER HEAVY RAINS. ALL PREVENTIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, RESEEDING, RE-MULCHING AND RESETTING MUST BE PERFORMED IMMEDIATELY.
 7. A STONE STABILIZED CONSTRUCTION ENTRANCE WILL BE INSTALLED WHEREVER A CONSTRUCTION ENTRANCE EXISTS. THE ENTRANCE SHALL BE CONSTRUCTED SUCH THAT THE STONE MUST BE EQUIVALENT TO ASTM #1 IN SIZE, PLACED 12" THICK ACROSS THE FULL WIDTH OF THE ENTRANCE WAY. IT SHALL BE UNDERLAIN WITH A SUITABLE SYNTHETIC FIBER FABRIC AND MAINTAINED.
 8. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
 9. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL. PROTECTION IS REQUIRED ON ALL SEEBED AREAS TO INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED TO PREVENT CONCENTRATION OF WATER.
 10. ANY CONFORMANCE OF THE WORK FOR ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE "DESIGNED SPECIFICATIONS" TO THE CONTRACTOR TO PERFORM ALL SUBSEQUENT WORKS.
 11. IMMEDIATELY AFTER THE COMPLETION OF PREPARATION OF THE EROSION CONTROL, THE STOCKPILE WITH ANNUAL REE GRASS STABILIZE TOPSOIL WILL BE STOWN MULCH PROTECTED WITH A SEDIMENT BARRIER TO PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING. ALL SOIL STOCKPILES ARE TO BE LOCATED PROTECTED WITH A SEDIMENT BARRIER.
 12. THE CONTRACTOR SHALL MAINTAIN ALL WEEDING, ROADSIDE OR DRAINAGE FACILITY AND THE BASE MUST BE STOCKPILING MULCH TO BE USED FOR THE CONSTRUCTION OF THE EROSION CONTROL.
 13. SOIL HAVING A PH OF 4.5 OR LESS OR CONTAINING IRON SULFIDE MUST BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5.0 OR MORE BEFORE SEED BED PREPARATION.
 14. DUST SHALL BE CONTROLLED BY WATERING.
 15. ADJOINING PROPERTY SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE PROPOSED SITE.
 16. USE STAGED CONSTRUCTION METHODS TO MINIMIZE EXPOSED SURFACES, WHERE APPLICABLE.
 17. STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET. STOCKPILE SLOPES MUST BE 2:1 OR FLATER.
 18. ALL CONSTRUCTION DEBRIS AND SEDIMENT SPOILS, DROPPED, WISHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
 19. ALL SEDIMENT REMOVED DURING MAINTENANCE OF EROSION DEVICES SHALL BE DISPOSED OF AT THE CONTRACTORS' DESIGNATED SPOILS SITE LOCATION. THIS REMOTE LOCATION SHALL BE SUBJECT TO THE SAME CONTROL MEASURES AND BUFFER ZONE REQUIREMENTS AS THE PROJECT SITE. SEDIMENT SHALL BE CLEANED OUT OF THE TIREWAY AND MACROPORE DURING CONSTRUCTION OF EROSION DEVICES. AFTER COMPLETION OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL REMOVE ALL SEDIMENTATION TO DESIGNATED ELEVATIONS.
 20. REFER TO DWG L101 (LANDSCAPE PLAN) FOR SEEDING SPECIFICATIONS AND NOTES.
 21. REFER TO DWG C102 (UTILITY PLAN) FOR PIPE SIZES, TYPE AND INVERT ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE STABILIZED AREAS FOR TEMPORARY MATERIAL AND EQUIPMENT STORAGE AND

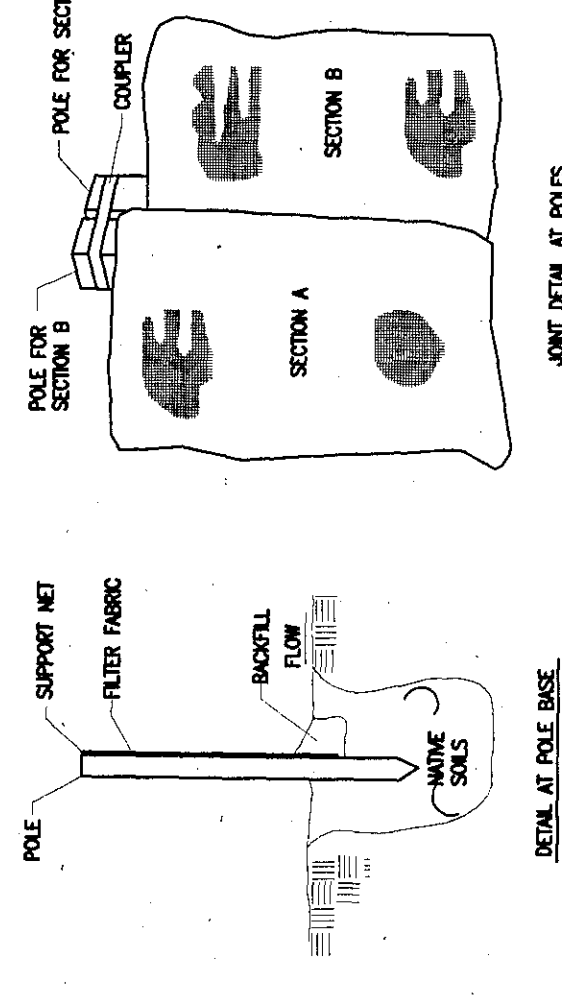
TEMPORARY STABILIZED CONSTRUCTION ENTRANCE DETAIL



STRAW BALE BARRIER AT INLET DETAIL



SILT FENCE INSTALLATION DETAIL



EROSION AND SEDIMENT CONTROLS

- [illegible]

NOTICE TO SITE WORK CONTRACTORS:

THE STORMWATER MANAGEMENT SYSTEMS ASSOCIATES, INC. (WSDC GP-02-01) REQUIRES THAT AN EROSION AND SEDIMENT CONTROL PLAN AND STORMWATER MANAGEMENT PLAN BE PREPARED PRIOR TO COMMENCEMENT OF CONSTRUCTION ASSOCIATED WITH THIS PROJECT. THE CONSTRUCTION CONTRACTORS SHALL BE RESPONSIBLE FOR THE EROSION AND SEDIMENT CONTROL REQUIREMENT THAT MUST BE FOLLOWED BY THE CONTRACTORS ASSOCIATED WITH THIS PROJECT.

MAXIMUM LIMITS OF DISTURBANCE.

THE PROPOSED LIMITS OF DISTURBANCE ASSOCIATED WITH CONSTRUCTION (CLEANING AND GRADING) ARE SHOWN ON THE ATTACHED MAP. THE PROPOSED LIMITS OF DISTURBANCE ARE BASED ON THESE GP-02-01 PERMIT REQUIREMENTS FOR THIS PLANT OF DEVELOPMENT. ANY OTHER PERMIT REQUIREMENTS FOR THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

