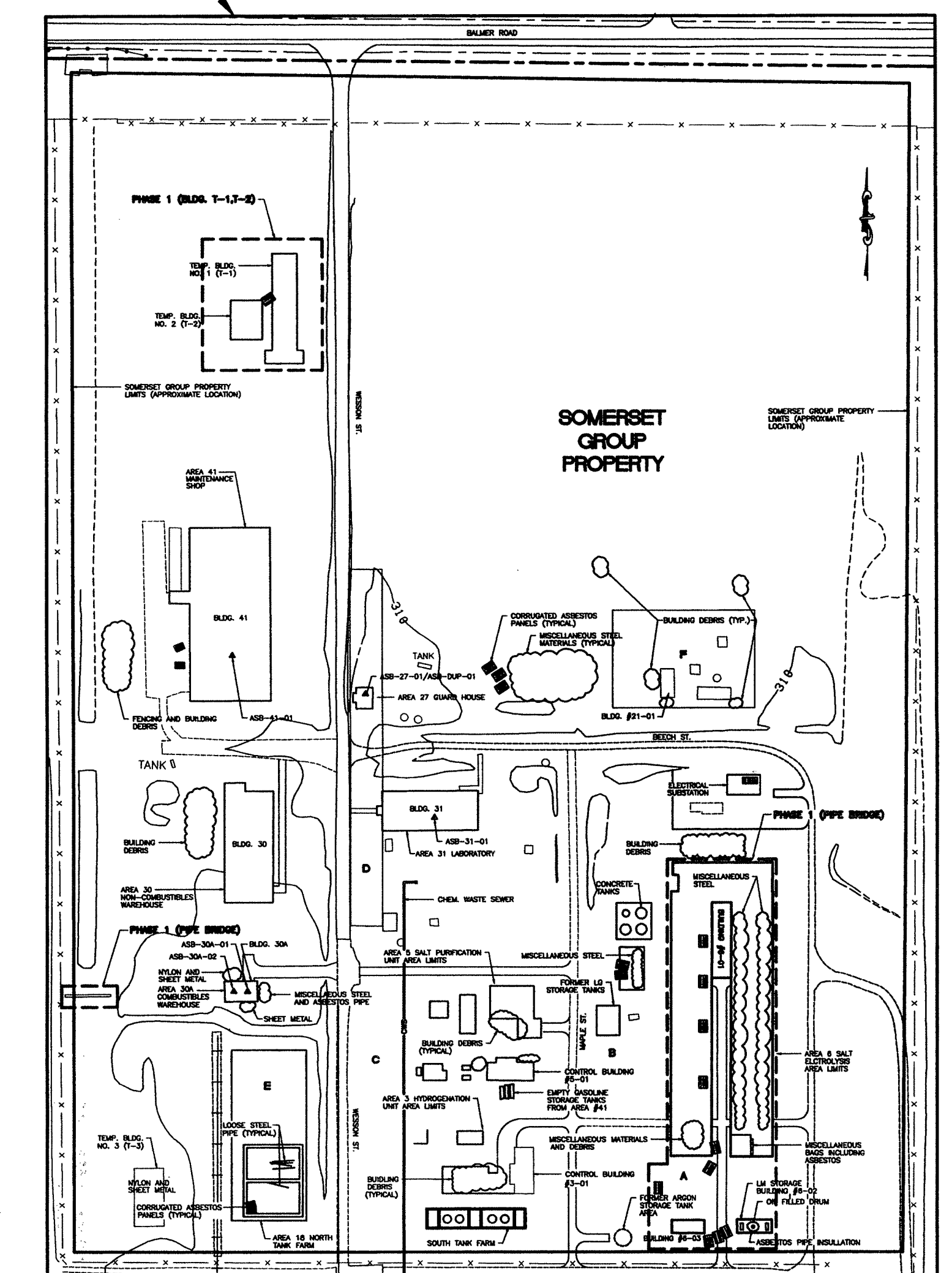
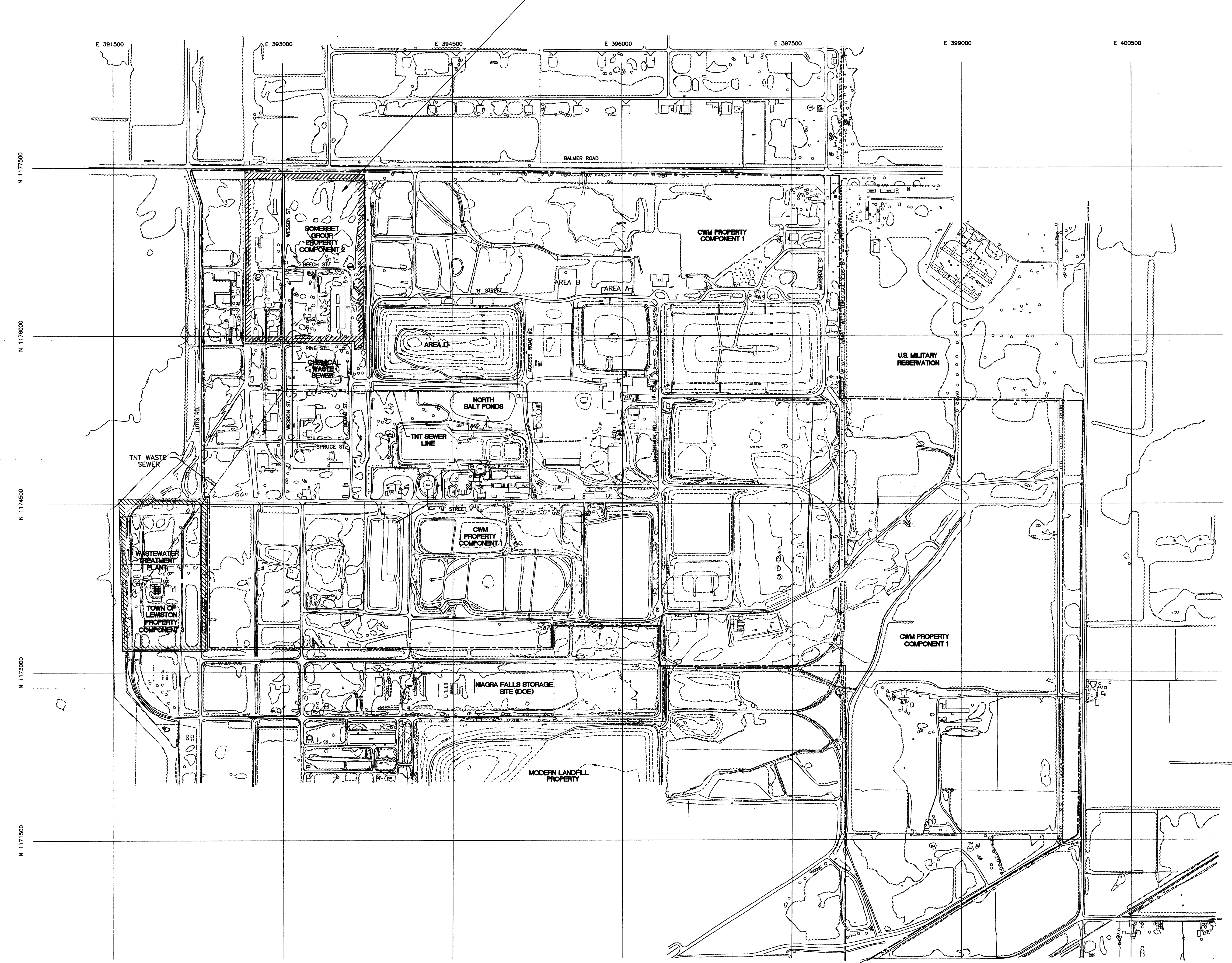




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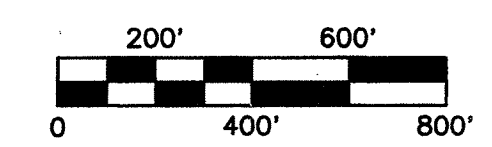
NOTE:  
1. TOPOGRAPHY, FEATURES, AND HORIZONTAL GRID SYSTEM DEPICTED TAKEN FROM MAPPING PROVIDED BY ACRES INTERNATIONAL CORPORATION OF AMHERST, BASED ON AERIAL PHOTOGRAMMETRY PERFORMED BY AIR SURVEY CORP. STERLING, VIRGINIA 20166-6702, DATED 9 NOVEMBER 1993.  
2. VERTICAL CONTROLS ARE U.S.G.S. VERTICAL DATUM 1929.

COMPONENT 2 (SOMERSET GROUP PROPERTY)



ENLARGED PLAN  
SCALE: 1" = 150'  
NOTE: REFER TO PLATE 8 FOR FURTHER  
DETAIL REGARDING PHASE 2 REMEDIAL  
ACTIONS IN COMPONENT 2.

- LEGEND
- APPROXIMATE LIMITS FOR TOWN OF LEWISTON PROPERTY (COMPONENT 3)
  - APPROXIMATE LIMITS FOR CWM PROPERTY (COMPONENT 1)
  - APPROXIMATE LIMITS FOR SOMERSET GROUP PROPERTY (COMPONENT 2)
  - TNT SEWER LOCATION
  - ACID WASTE SEWER
  - CHEMICAL WASTE SEWER



3	6/15/98	100% SUBMITTAL	WAZ
2	5/13/98	90% SUBMITTAL	WAZ
1	1/14/98	REVISED PER 60% COMMENTS	WAZ
REV	DATE	DESCRIPTION	BY
U.S. ARMY ENGINEER DISTRICT, BALTIMORE CORPS OF ENGINEERS BALTIMORE, MARYLAND			
FORMER LAKE ONTARIO LEWISTON AND PORTER, NEW YORK ORDNANCE WORKS			
COMPONENT 2 - PHASE 2 100% FINAL REMEDIAL DESIGN OVERALL SITE PLAN			
ROY F. WESTON, INC. WEST CHESTER, PA.		DRAWING NUMBER F-833-90-11	PLATE 2
SCALE: 1" = 400'		DATE: JUNE 1997	SHEET 2 OF 5

REVIEWED & COORDINATED

A/E PRINCIPAL

SUBMITTED:

CHEF,

RECOMMENDED:

CHEF, ENGINEERING DIVISION

APPROVED:

COLONEL, C. OF E. DISTRICT ENGINEER

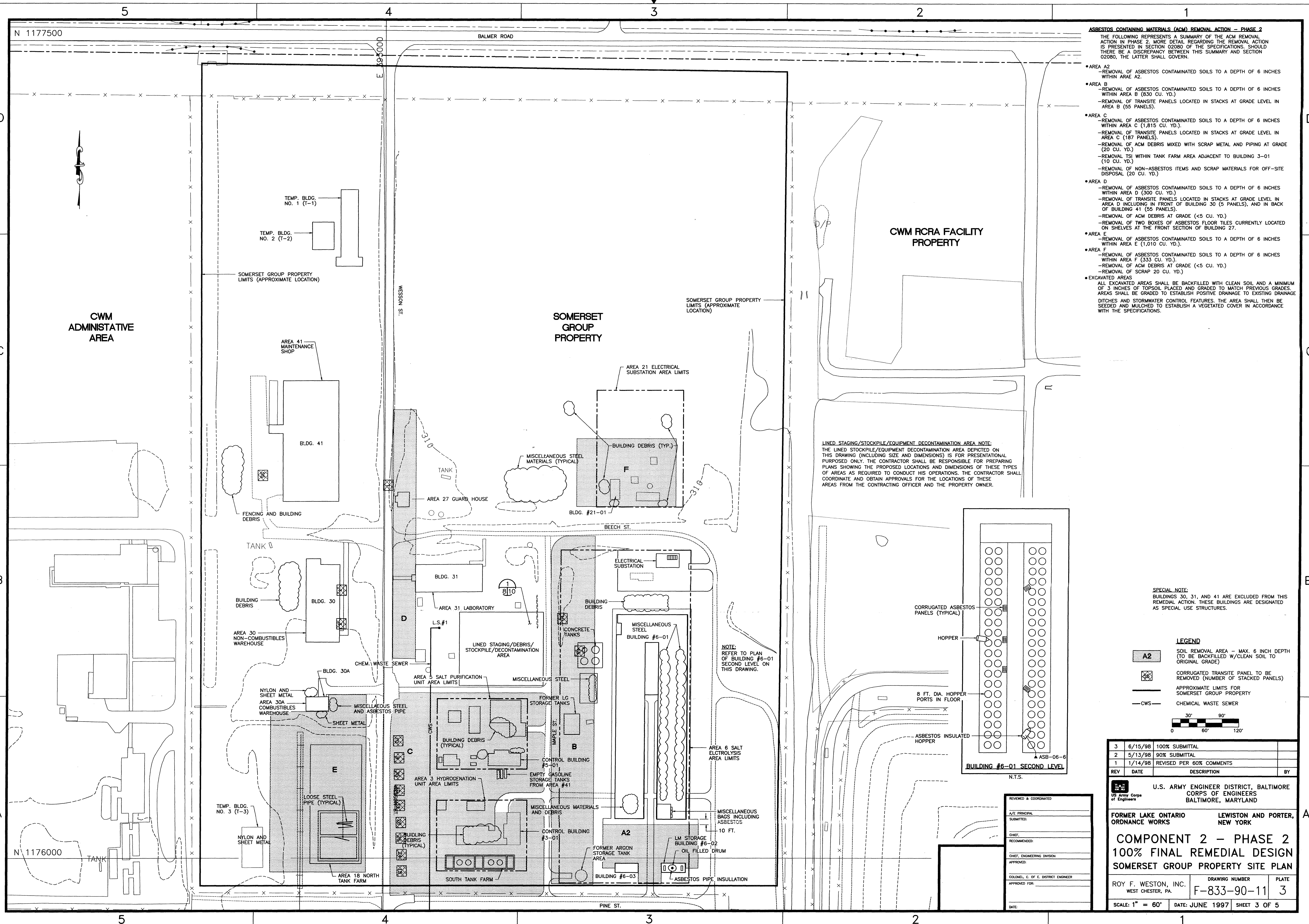
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DATE:

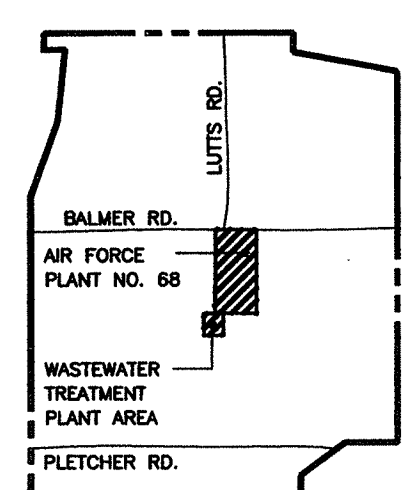
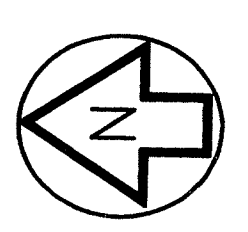
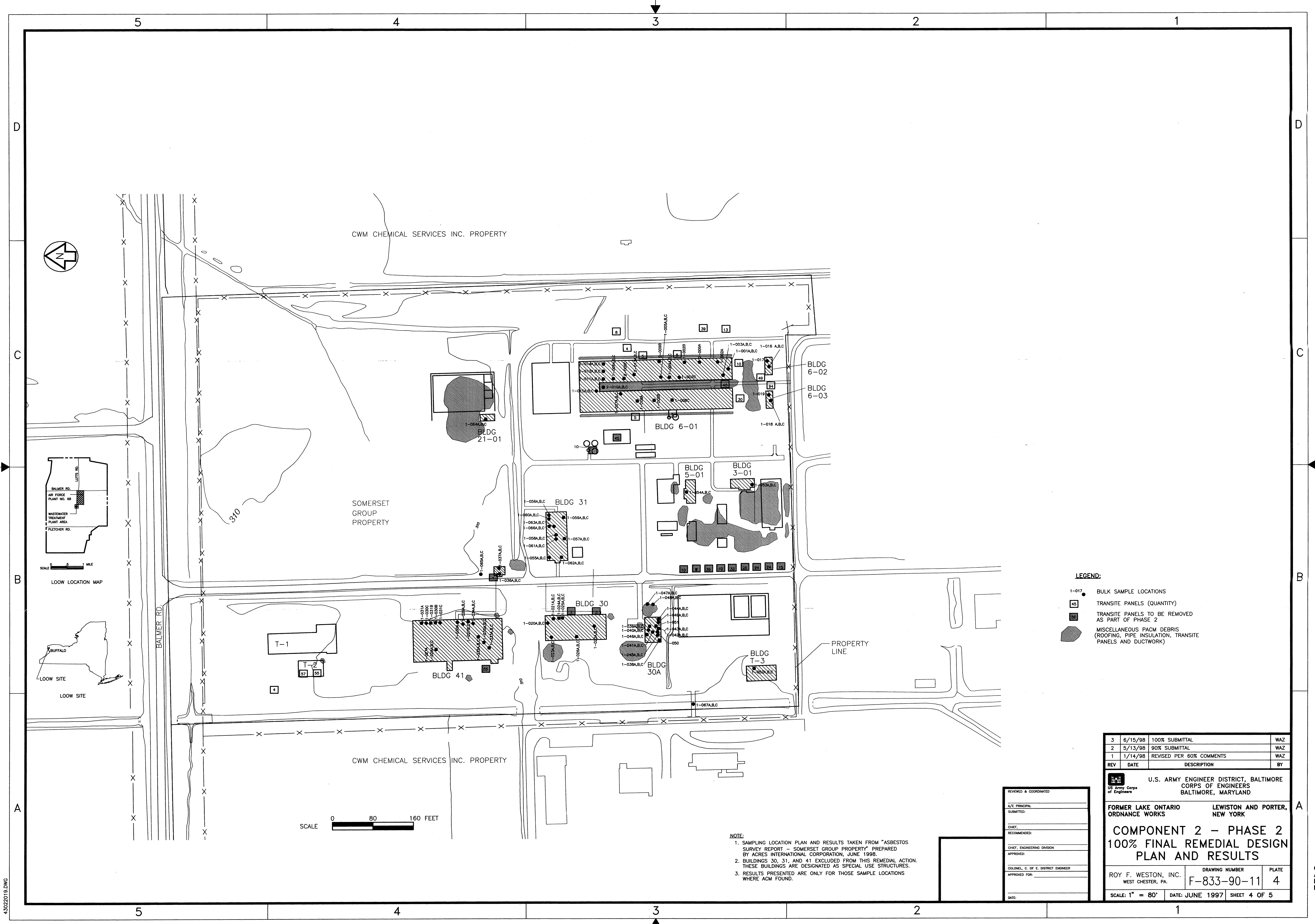
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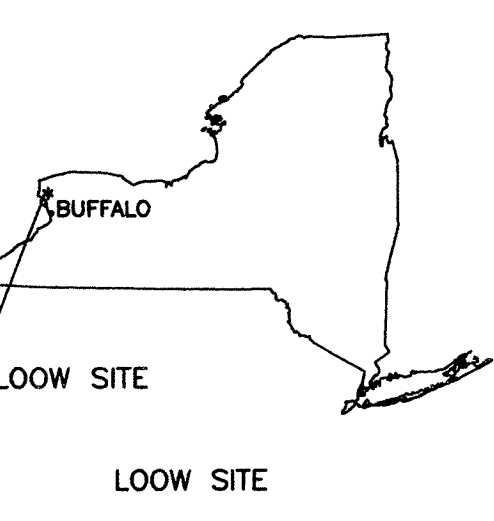








LOOW LOCATION MAP



LOOW SITE


- LEGEND:**
- 1-017 BULK SAMPLE LOCATIONS
  - 45 TRANSITE PANELS (QUANTITY)
  - TRANSITE PANELS TO BE REMOVED AS PART OF PHASE 2
  - MISCELLANEOUS PACM DEBRIS (ROOFING, PIPE INSULATION, TRANSITE PANELS AND DUCTWORK)

**NOTE:**

1. SAMPLING LOCATION PLAN AND RESULTS TAKEN FROM "ASBESTOS SURVEY REPORT - SOMERSET GROUP PROPERTY" PREPARED BY AGRES INTERNATIONAL CORPORATION, JUNE 1998.
2. BUILDINGS 30, 31, AND 41 EXCLUDED FROM THIS REMEDIAL ACTION. THESE BUILDINGS ARE DESIGNATED AS SPECIAL USE STRUCTURES.
3. RESULTS PRESENTED ARE ONLY FOR THOSE SAMPLE LOCATIONS WHERE ACM FOUND.

REVIEWED & COORDINATED	
A/E PRINCIPAL	
SUBMITTED:	
CHECKED:	
RECOMMENDED:	
APPROVED:	
COLONEL, C. OF E. DISTRICT ENGINEER	
APPROVED FOR:	
DATE:	

3	6/15/98	100% SUBMITTAL	WAZ
2	5/13/98	90% SUBMITTAL	WAZ
1	1/14/98	REVISED PER 60% COMMENTS	WAZ
REV	DATE	DESCRIPTION	BY

 US Army Corps of Engineers	U.S. ARMY ENGINEER DISTRICT, BALTIMORE CORPS OF ENGINEERS BALTIMORE, MARYLAND
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FORMER LAKE ONTARIO ORDNANCE WORKS	LEWISTON AND PORTER, NEW YORK
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COMPONENT 2 - PHASE 2 100% FINAL REMEDIAL DESIGN PLAN AND RESULTS		
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ROY F. WESTON, INC. WEST CHESTER, PA.	DRAWING NUMBER F-833-90-11	PLATE 4
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SCALE: 1" = 80'	DATE: JUNE 1997	SHEET 4 OF 5
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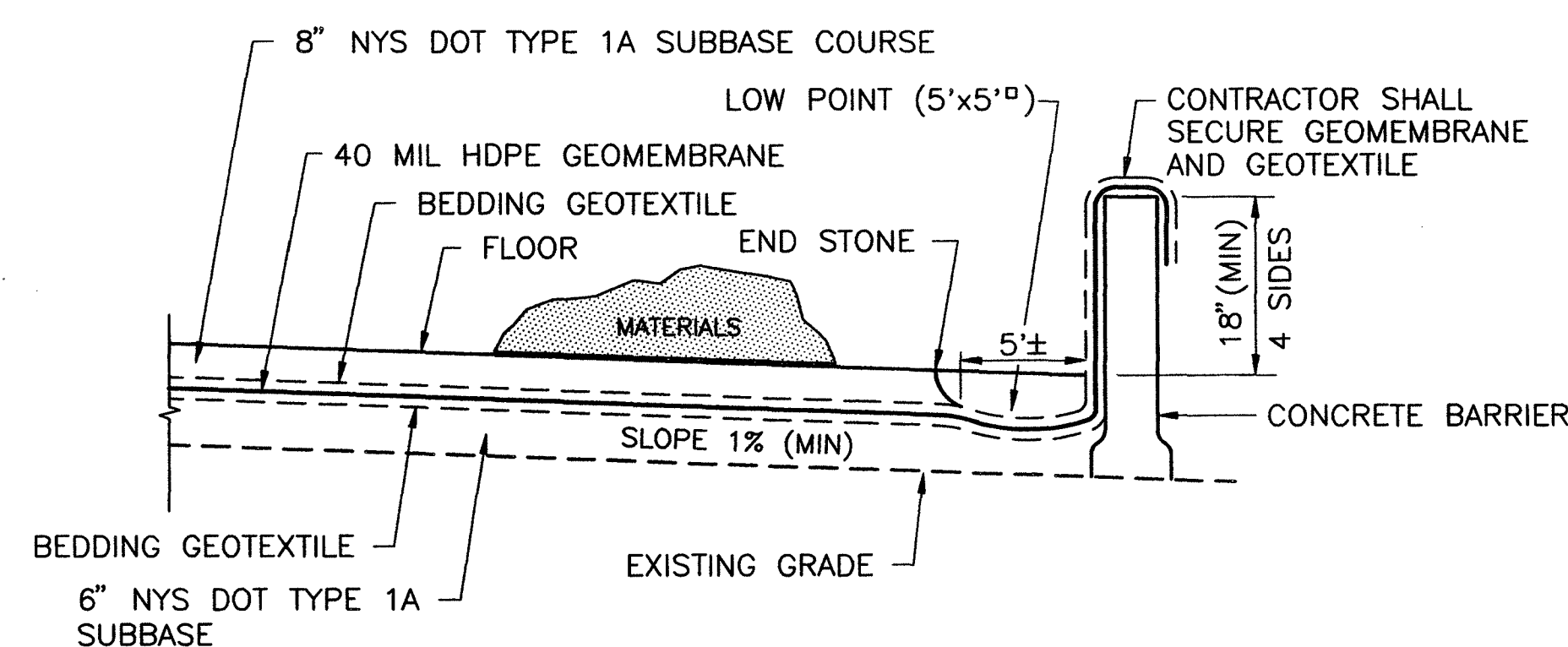
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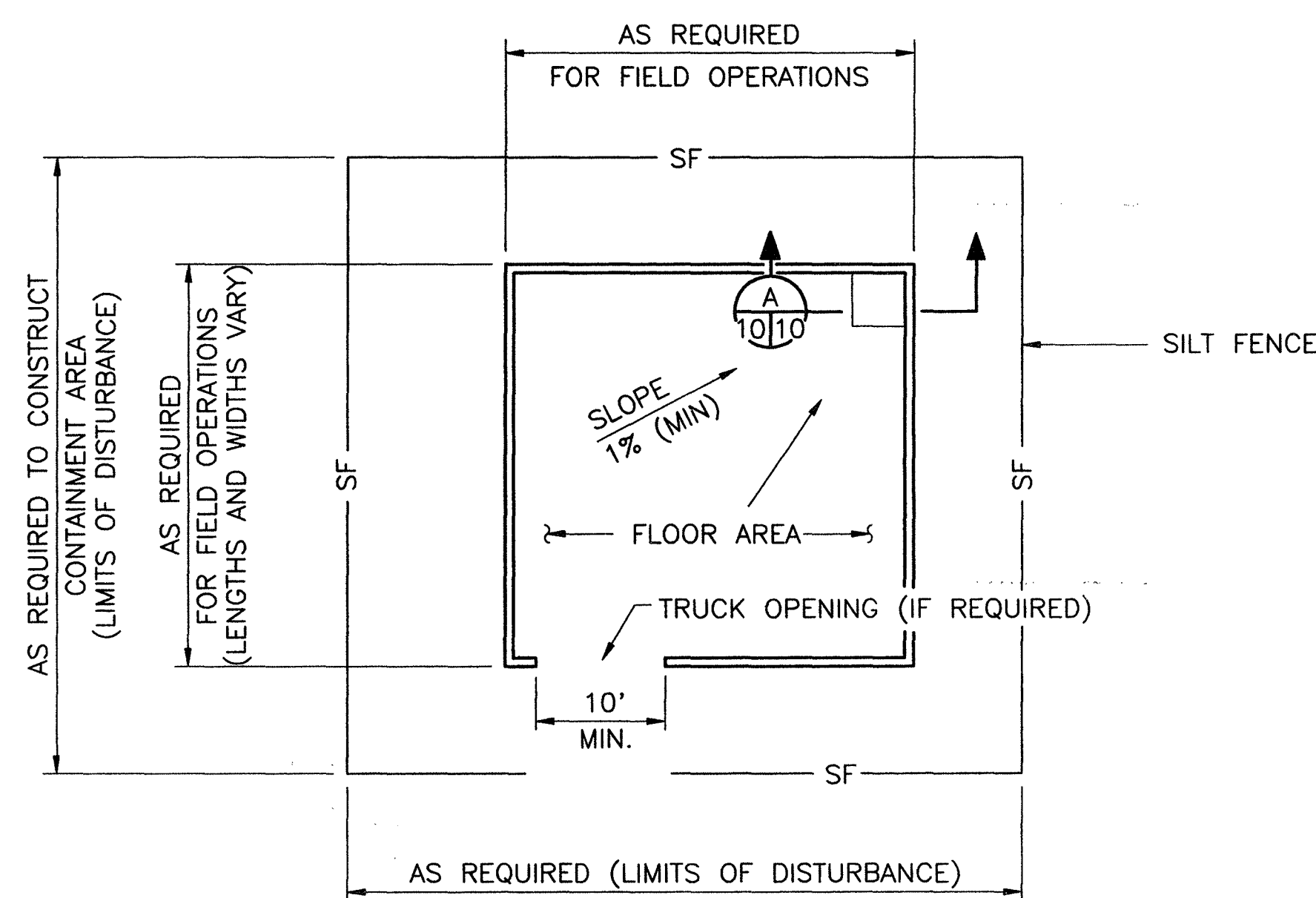
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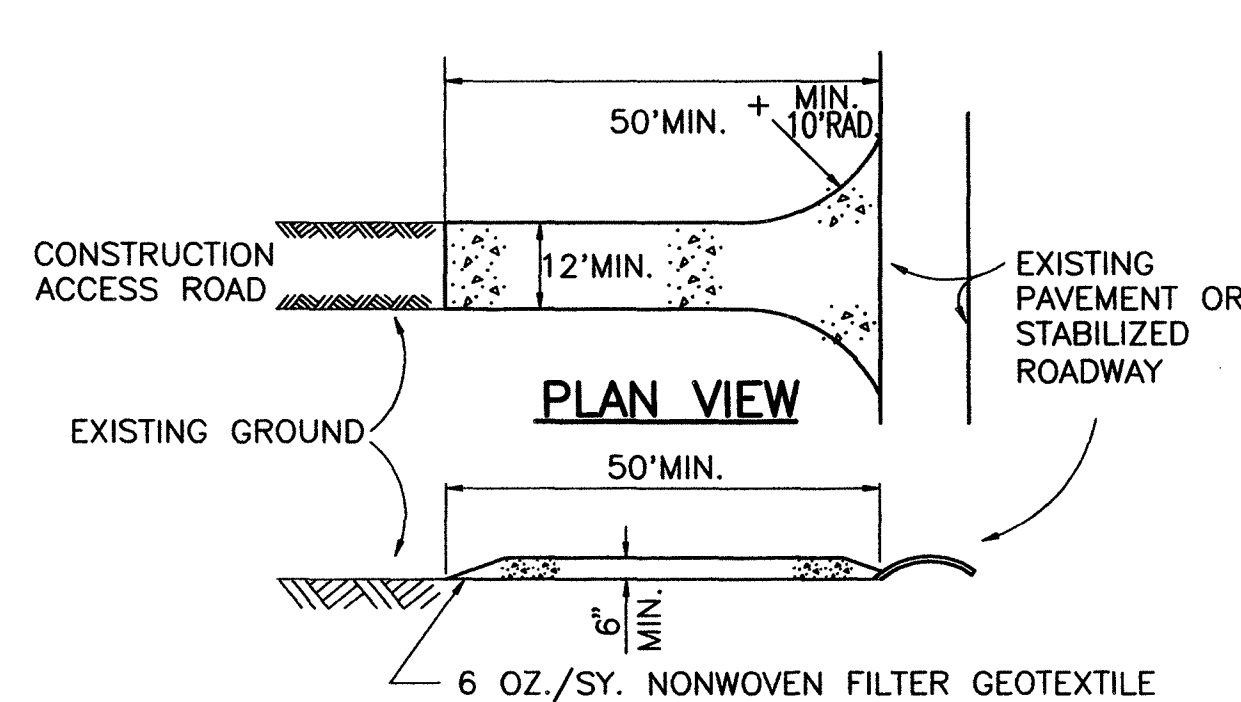


**CROSS SECTION**  
**LINED STAGING/DEBRIS/STOCKPILE**  
**DECONTAMINATION AREA**  
N.T.S.



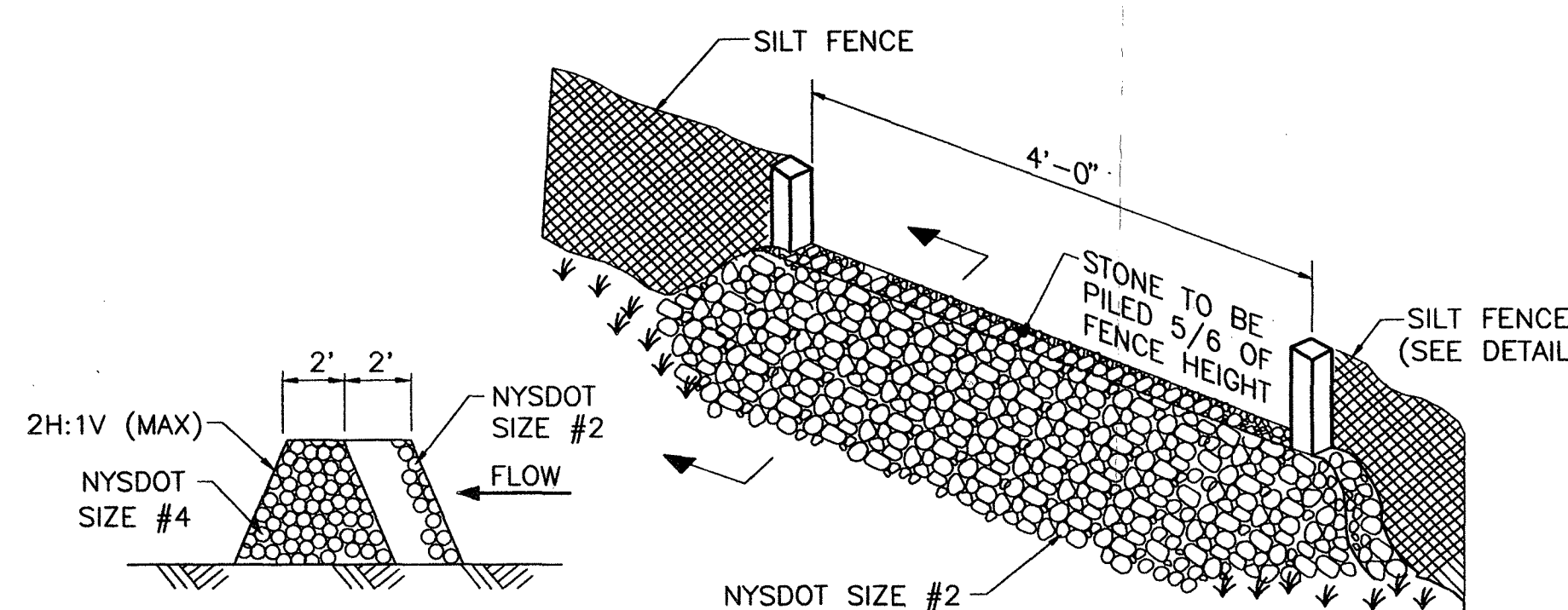
**PLAN VIEW**  
**LINED STAGING/DEBRIS/STOCKPILE**  
**DECONTAMINATION AREA**  
N.T.S.

- NOTES:
1. LOCATE LINED STOCKPILE AREAS AT LOCATIONS BY THE CONTRACTING OFFICER AND THE PROPERTY OWNER.
  2. SURROUND AREA TO BE DISTURBED WITH SILT FENCE. REFER TO THIS PLATE FOR DETAIL.
  3. AFTER FIELD OPERATIONS ARE COMPLETE, RESTORE THE AREA TO ITS ORIGINAL CONDITION.
  4. PROVIDE TRUCK OPENING (MIN. 10') IN CONCRETE BARRIERS, AS REQUIRED.
  5. LINED AREA MAY BE USED FOR DECONTAMINATION OR STOCKPILING/STAGING OF DEBRIS AND ASBESTOS CONTAMINATED SOIL DEPENDING ON AVAILABILITY OF TRUCK ROLL-OFF UNITS.
  6. THIS LINED STAGING AREA IS A SEPARATE ITEM FROM THE LINED LAYDOWN AREA DESCRIBED IN SECTION 02080 WHICH IS TO BE LOCATED WITHIN THE RESPECTIVE BUILDINGS DESCRIBED.



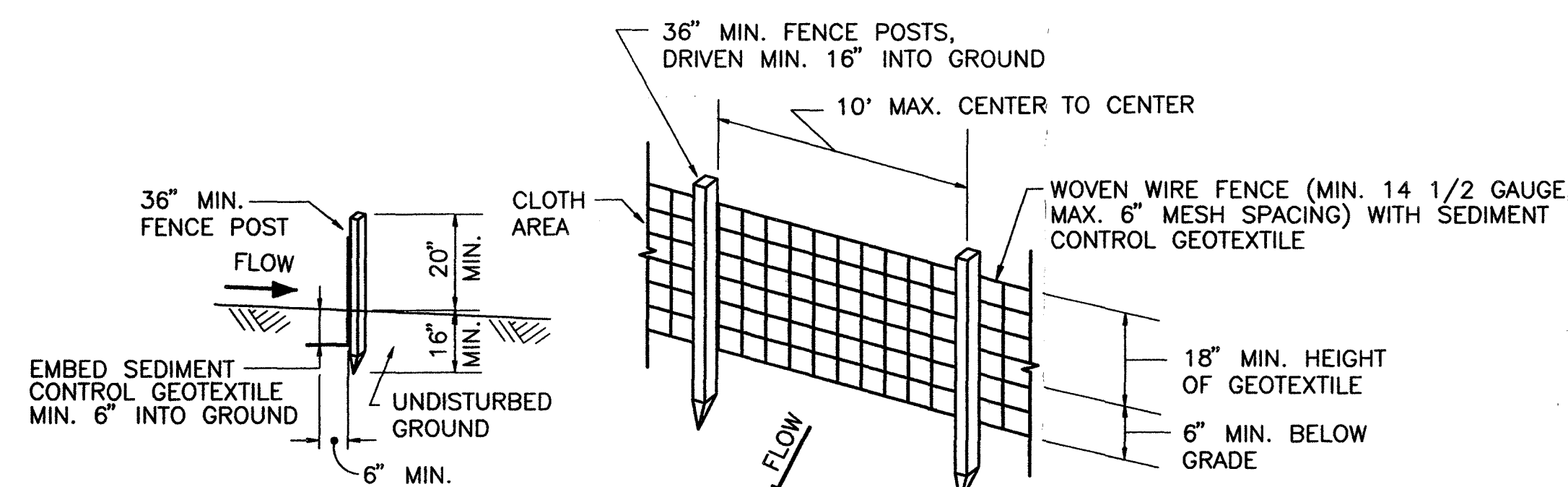
**PROFILE**  
**STABILIZED CONSTRUCTION ENTRANCE**  
N.T.S.

- CONSTRUCTION SPECIFICATIONS**
1. STONE SIZE - NYS DOT SIZE #3 OR RECYCLED CONCRETE EQUIVALENT
  2. LENGTH - NOT LESS THAN 50 FT.
  3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
  4. WIDTH - TWELVE (12) FT. MIN., BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
  5. FILTER GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
  6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ROADS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ROADS MUST BE REMOVED IMMEDIATELY AND PLACED WITHIN THE CLEAN FILL STOCKPILE AREA.
  7. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO ROADWAYS.
  8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



**SECTION**  
**GRAVEL OUTLET DETAIL**  
N.T.S.

- NOTES:
1. GRAVEL OUTLETS TO BE PROVIDED AT ALL EXISTING OR GRADED LOW POINTS, EVERY 150 FEET, AND ALL AREAS OF POTENTIAL CONCENTRATED FLOWS.
  2. IF INSPECTION OF SILT FENCE REVEALS UNDERMINING OR OVERTOPPING OF THE FENCE, REMOVE PORTION OF SILT FENCE AND REPLACE WITH A GRAVEL OUTLET.
  3. ACCUMULATED SEDIMENTS WILL BE REMOVED WHEN ACCUMULATION REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FENCE.



- SECTION**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
  2. SEDIMENT CONTROL GEOTEXTILE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
  3. WHEN TWO SECTIONS OF SEDIMENT CONTROL GEOTEXTILE ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  4. MAINTENANCE SHALL BE PERFORMED EVERY WEEK OR AFTER RAINFALL EVENTS WITH ALL MATERIAL TO BE REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.

**TYPICAL SILT FENCE**

**EROSION AND SEDIMENTATION CONTROL NOTES:**

- THE EROSION AND SEDIMENTATION CONTROL (E & SC) DETAILS SHOWN ARE TO BE UTILIZED AND/OR SERVE AS GUIDELINES FOR THE CONTRACTOR IN PREPARING HIS OWN EROSION AND SEDIMENTATION CONTROL PLAN IN SUPPORT OF HIS OPERATIONS. THE CONTRACTOR'S E & SC PLAN SHALL SHOW THE PROPOSED LOCATIONS AND DIMENSIONS OF ALL E & SC CONTROLS AND FEATURES AND SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE CONTRACTING OFFICER. THE CONTRACTOR MAY PROPOSE ADDITIONAL (OR MODIFIED) E & SC CONTROLS, SUBJECT TO THE REVIEW AND APPROVAL OF THE CONTRACTING OFFICER.
1. CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES (GRAVEL OUTLETS, SILT FENCE) AS SHOWN ON THE DRAWINGS AND AS DIRECTED BY THE CONTRACTING OFFICER.
  2. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENTATION MEASURES DURING ALL STAGES OF CONSTRUCTION. THE CONTROLS SHALL BE INSPECTED AFTER EACH STORM EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEANOUT, REPAIR AND REPLACEMENT MUST BE PERFORMED IMMEDIATELY.
  3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION (I.E., SEEDING AND MULCHING, PAVING, ETC.) SHALL BE COMPLETED WITHIN SEVEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. IF SEASON PROHIBITS PERMANENT SEEDING, PLACE TEMPORARY SEED AND/OR MULCH AND SOW PERMANENT SEED DURING NEXT GROWING SEASON AT NO ADDITIONAL COST TO THE OWNER. THE INPLACE SEDIMENT CONTROL MEASURES WILL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED AND ALL CONTRACT REQUIREMENTS ARE MET.
  4. APPROVAL OF THE CONTRACTING OFFICER SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER WORK WILL NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE CONTRACTING OFFICER IS MADE.
  5. APPROVAL FROM THE CONTRACTING OFFICER SHALL BE REQUESTED UPON FINAL STABILIZATION OF ALL DISTURBED AREAS BEFORE REMOVAL OF EROSION AND SEDIMENTATION CONTROLS.
  6. CLEAN SOIL SHALL BE STOCKPILED IN AN AREA APPROVED BY THE CONTRACTING OFFICER, ENGINEER AND PROPERTY OWNER. STOCKPILES SHALL NOT EXCEED 25 FEET IN HEIGHT WITH 2H:1V MAXIMUM SIDESLOPES. STOCKPILE SHALL BE SURROUNDED BY SILT FENCE.
  7. CONTRACTOR SHALL DISTURB ONLY THOSE AREAS DESIGNATED ON THE DRAWINGS OR REQUIRED TO PERFORM THE CONSTRUCTION.
  8. SHOULD CONDITIONS ARISE IN THE FIELD WHICH RENDER THE EROSION AND SEDIMENTATION CONTROLS FOR THIS PROJECT INAPPROPRIATE OR INADEQUATE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER. ADDITIONAL DRAWINGS OR MODIFICATIONS, WHEN REQUIRED, WILL BE FURNISHED BY THE CONTRACTING OFFICER AND WILL BECOME PART AND A CONDITION OF THE EROSION AND SEDIMENTATION CONTROL PLAN.
  9. CONTRACTOR SHALL SWEEP SITE ACCESS ROADS DAILY OR AS REQUIRED TO PREVENT TRACKING OF SOILS BEYOND THE WORK SITE.

**VEGETATIVE STABILIZATION SPECIFICATIONS**

- I. **SITE PREPARATION**  
PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN (A) SEVEN CALENDAR DAYS AS TO THE DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- II. **SEEDBED PREPARATION AND SEEDING APPLICATION**  
THE TOP LAYER OF SOIL SHALL BE LOOSENEED, LIMED AND FERTILIZED BY RAKING, DISCING OR HARROWING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. FLAT AREAS AND SLOPES UP TO 3 TO 1 GRADE SHALL BE LOOSE AND FRIABLE TO A DEPTH OF AT LEAST 3 INCHES.
- III. **SOIL AMENDMENTS (PERMANENT SEEDING ONLY)**  
LIME AND FERTILIZER ACCORDING TO SOIL TESTS. IN LIEU OF SOIL TEST APPLY THE FOLLOWING:  
DOLMITIC LIMESTONE: 2 TONS PER ACRE OR 92 LBS./1000 SF.  
FERTILIZER: 5-10-10 OR EQUIVALENT AT 600 LBS./ACRE OR 14 LBS./1000 SF.
- IV. **TEMPORARY SEEDING: PER GROWING SEASON**  
SEED: IN ACCORDANCE WITH SECTION 02935 OF THE SPECIFICATIONS  
DATES: 3/15 TO 10/15
- V. **PERMANENT SEEDING**  
SEED: IN ACCORDANCE WITH SECTION 02935 OF THE SPECIFICATIONS  
DATES: 4/1 TO 5/31; 8/15 TO 10/15
- VI. **MULCHING**  
ALL SEEDINGS REQUIRE MULCHING. USE "MULCH ONLY" DURING NON-SEEDING DATES UNTIL SEEDING CAN BE DONE.  
MULCH SHALL BE UNROTTED, UNCHOPPED SMALL GRAIN STRAW APPLIED AT A RATE OF 1 1/2 TONS/ACRE OR 70 LBS./1000 SF.  
MULCH MATERIALS SHALL BE RELATIVELY FREE OF ALL KINDS OF WEEDSEEDS AND SHALL BE FREE OF PROHIBITED NOXIOUS WEEDS. SPREAD MULCH UNIFORMLY MECHANICALLY OR BY HAND. MULCH ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER MULCH PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY MULCH NETTINGS, MULCH ANCHORING TOOL, PEG AND TWINE OR LIQUID MULCH BINDERS.  
LIQUID MULCH BINDER SHALL BE CHEMICAL TACKIFIER APPLIED PER MANUFACTURER'S RECOMMENDATIONS OR AS SPECIFIED IN SECTION 02935 OF THE SPECIFICATIONS.
- VII. **MAINTENANCE**  
IRRIGATION - WHEN SOIL MOISTURE BECOMES DEFICIENT, IRRIGATE TO PREVENT LOSS OF STAND OF PROTECTIVE VEGETATION.  
REPAIRS - IF STAND IS INADEQUATE FOR EROSION CONTROL, OVERSEED AND FERTILIZE USING HALF OF THE RATES ORIGINALLY APPLIED. IF STAND IS OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL RATES AND PROCEDURES.

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REV	DATE	DESCRIPTION	BY
U.S. ARMY ENGINEER DISTRICT, BALTIMORE CORPS OF ENGINEERS BALTIMORE, MARYLAND			
FORMER LAKE ONTARIO ORDNANCE WORKS			
LEWISTON AND PORTER, NEW YORK			
COMPONENT 2 - PHASE 2			
100% FINAL REMEDIAL DESIGN			
SITE AND EROSION CONTROL DETAILS AND NOTES			
ROY F. WESTON, INC. WEST CHESTER, PA.		DRAWING NUMBER F-833-90-11	PLATE 5
SCALE: NONE		DATE: JUNE 1997	SHEET 5 OF 5

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