

- NOTES:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REMOVED AND REPLACED WHEN "BULGES" DEVELOPE IN THE SILT FENCE.

1 SILT FENCE DETAIL
SCALE: NONE
CROSS REFERENCE:

RECOMMENDED SOIL EROSION AND SEDIMENT CONTROL MEASURES

- GENERAL MEASURES:**
1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
 2. INsofar AS PRACTICABLE, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
 3. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE AREA AND DURATION OF SOIL DISRUPTION.
 4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED.

- PARTICULAR MEASURES:**
1. STORM DRAIN SEDIMENT FILTER: PRIOR TO THE COMMENCEMENT OF CONSTRUCTION EITHER STORM DRAIN INLET FILTERS OR STRAW BALE WEIRS SHALL BE CONSTRUCTED AT EXISTING STORM DRAINS AS REQUIRED. THEY SHALL BE MAINTAINED IN GOOD CONDITION UNTIL FINAL VEGETATIVE COVER IS ESTABLISHED.
 2. IMMEDIATELY FOLLOWING COMPLETION OF ANY AND ALL OF THE PROPOSED STORM DRAIN INLETS, EITHER STORM DRAIN INLET FILTERS OR STRAW BALE WEIRS SHALL BE CONSTRUCTED.
 3. DRAINAGE DITCH SEDIMENT FILTERS: UNTIL SUCH TIME AS FINAL SITE STABILIZATION IS COMPLETED, DITCHES SHALL RECEIVE TREATMENT WITH STRAW BALE WEIRS SO AS TO EFFECTIVELY TRAP SEDIMENT AND MINIMIZE ITS RELEASE OFF-SITE. STRAW BALE WEIRS SHALL BE CONSTRUCTED WITHIN EACH DITCH BEGINNING AT ITS DOWNSTREAM TERMINUS AND SHOULD NOT BE PLACED AT INTERVALS EXCEEDING 100 FEET.
 4. TOPSOIL AND FILL THAT IS TO REMAIN STOCKPILED ON-SITE FOR PERIODS GREATER THAN 30 DAYS SHALL BE STABILIZED BY SEEDING. PRIOR TO THE SEEDING OPERATION, THE STOCKPILED MATERIAL SHALL BE GRADED AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, FERTILIZATION, SEEDING, MULCH APPLICATION AND MULCH ANCHORING.
 5. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM OR OTHER SURFACE WATER BODY.
 6. PERMANENT VEGETATIVE COVER: IMMEDIATELY FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
 7. ALL HEALTHY TREES OF DESIRABLE SPECIES ARE TO BE PROTECTED FROM DAMAGE. ALL UNNECESSARY REMOVAL OF HEALTHY TREES SHALL BE AVOIDED.

MAINTENANCE OF EROSION CONTROL MEASURES

1. THE DEVELOPER/CONTRACTOR OR HIS BUILDER SHALL INSPECT AND MAINTAIN THE INTEGRITY AND FUNCTION OF ALL TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE DEVELOPMENT PROCESS. TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED OR REPLACED AS NECESSARY. WASHOUTS SHALL BE IMMEDIATELY REPAIRED, RE-SEED AND PROTECTED FROM FURTHER EROSION. ALL ACCUMULATED SEDIMENT SHALL BE REMOVED AND CONTAINED IN APPROPRIATE SPOIL AREAS. WATER SHALL BE APPLIED TO NEWLY SEEDDED AREAS AS NEEDED UNTIL GRASS COVER IS WELL ESTABLISHED. TO EFFECTIVELY CONTROL WIND EROSION, WATER SHALL BE APPLIED TO ALL EXPOSED SOILS AS NECESSARY UNTIL GROUND COVER IS PERMANENTLY ESTABLISHED.
2. THE CONTRACTOR AND/OR OWNER SHALL REFER TO THE SWPPP PREPARED FOR THIS PROJECT FOR MAINTENANCE OF STORM WATER FACILITIES BOTH DURING CONSTRUCTION AND FOR LONG TERM OPERATION.

- LEGEND:**
- 230 — PROPOSED CONTOUR LINE
 - - - 230 — EXISTING CONTOUR LINE
 - X 230.00BC — PROPOSED TOP OF CURB(TC) & BOTTOM OF CURB(BC)
 - X BW230.00 — PROPOSED SPOT GRADE AT BOTTOM OF WALL
 - X TW230.00 — PROPOSED SPOT GRADE AT TOP OF WALL
 - 1.00% — PROPOSED SLOPE OF PAVEMENT
 - XHP320.00 — PROPOSED HIGH POINT
 - X320.00 — PROPOSED SPOT GRADE/GRADE BREAK
 - X — PROPOSED SILT FENCE
 - — — PROPOSED ROCK CHECK DAM
 - — — PROPOSED STRUCTURE INLET PROTECTION
 - — — GRANITE CURB
 - — — 12" WIDE WING WEDGE

13 SD1 STABILIZED CONSTRUCTION ENTRANCE

10 SD4 ROCK CHECK DAM PLACED AS SHOWN

APPLICANT:
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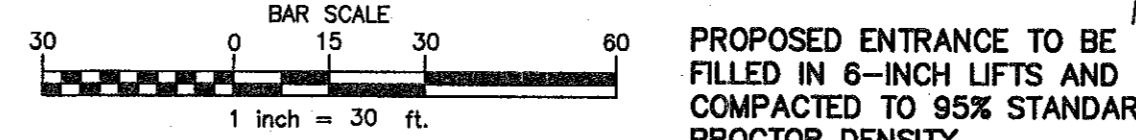
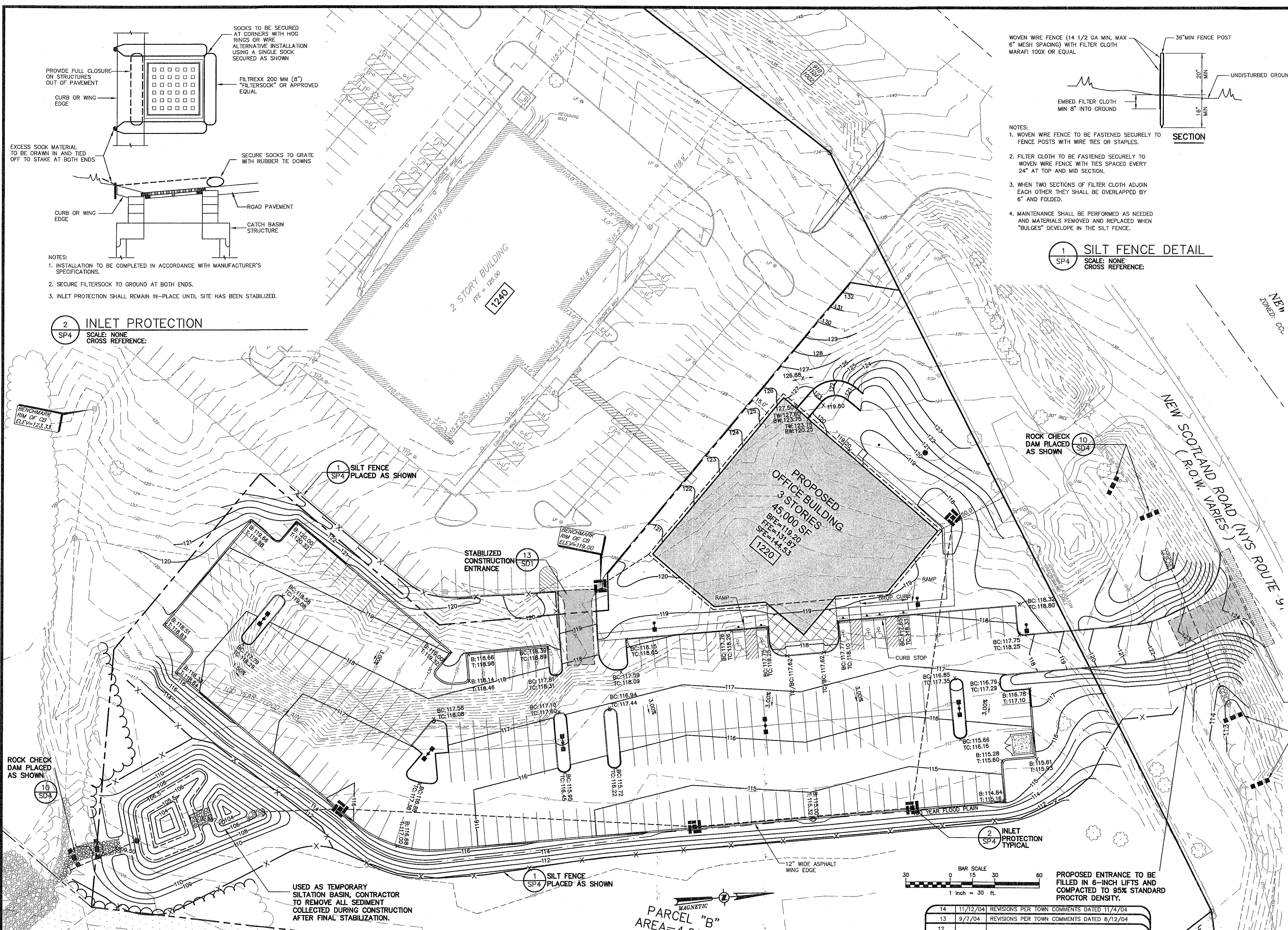
TOWN OF BETHELEM PLANNING BOARD APPROVAL

PLANNING BOARD
TOWN OF BETHELEM
ALBANY COUNTY, NEW YORK

This plat APPROVED subject to such conditions as are stated in Building Project Approval (B/P/A)

No. 34, dated 11-10-04
amendment #1
Parker D. Mathias
CHAIRMAN

Title
Date MAR 30, 2009



PROPOSED ENTRANCE TO BE FILLED IN 6-INCH LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

14	11/12/04	REVISIONS PER TOWN COMMENTS DATED 11/4/04
13	9/7/04	REVISIONS PER TOWN COMMENTS DATED 8/12/04
12		

11	6/7/04	REVISIONS WITH NEW BUILDING FOOT PRINT
10	10/15/03	REVISIONS PER TOWN COMMENTS DATED 9-22-03
9	8/20/03	REVISIONS PER TOWN COMMENTS DATED 7-28-03
8	6/26/03	REVISIONS PER TOWN COMMENTS DATED 5-14-03
7	2/03/03	REVISIONS PER TOWN COMMENTS DATED 1-27-03 & 1-29-03
6	12/20/02	REVISIONS PER TOWN COMMENTS DATED 9-10-02
5	6/26/02	PRE CONSTRUCTION REVISIONS
4	1/25/02	REVISIONS PER TOWN COMMENTS DATED 1-16-02
3	1/04/02	REVISIONS PER TOWN COMMENTS DATED 12-14-01 & 12-21-01
2	11/10/01	REVISIONS PER TOWN COMMENTS DATED 9-12-01
1	6/01/01	REVISIONS PER TOWN COMMENTS DATED 7-19-01
rev.	date	description

CHAZEN ENGINEERING & LAND SURVEYING CO., P.C.

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THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists

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STATE OF NEW YORK
JOSEPH M. LANARO
Professional Engineer
NYSPE 070126

INCHES
Town of Bethlehem, NY

PROPOSED AMENDMENT TO
PLANNED COMMERCIAL DISTRICT NO. 6
NEW SCOTLAND ROAD
COMMERCIAL BUSINESS PARK
GRADING AND EROSION CONTROL PLAN

TOWN OF BETHELEM, ALBANY COUNTY, NEW YORK

drawn JMB checked JML
date 7/8/04 scale AS NOTED
project no. 30124.00
sheet no. SP4