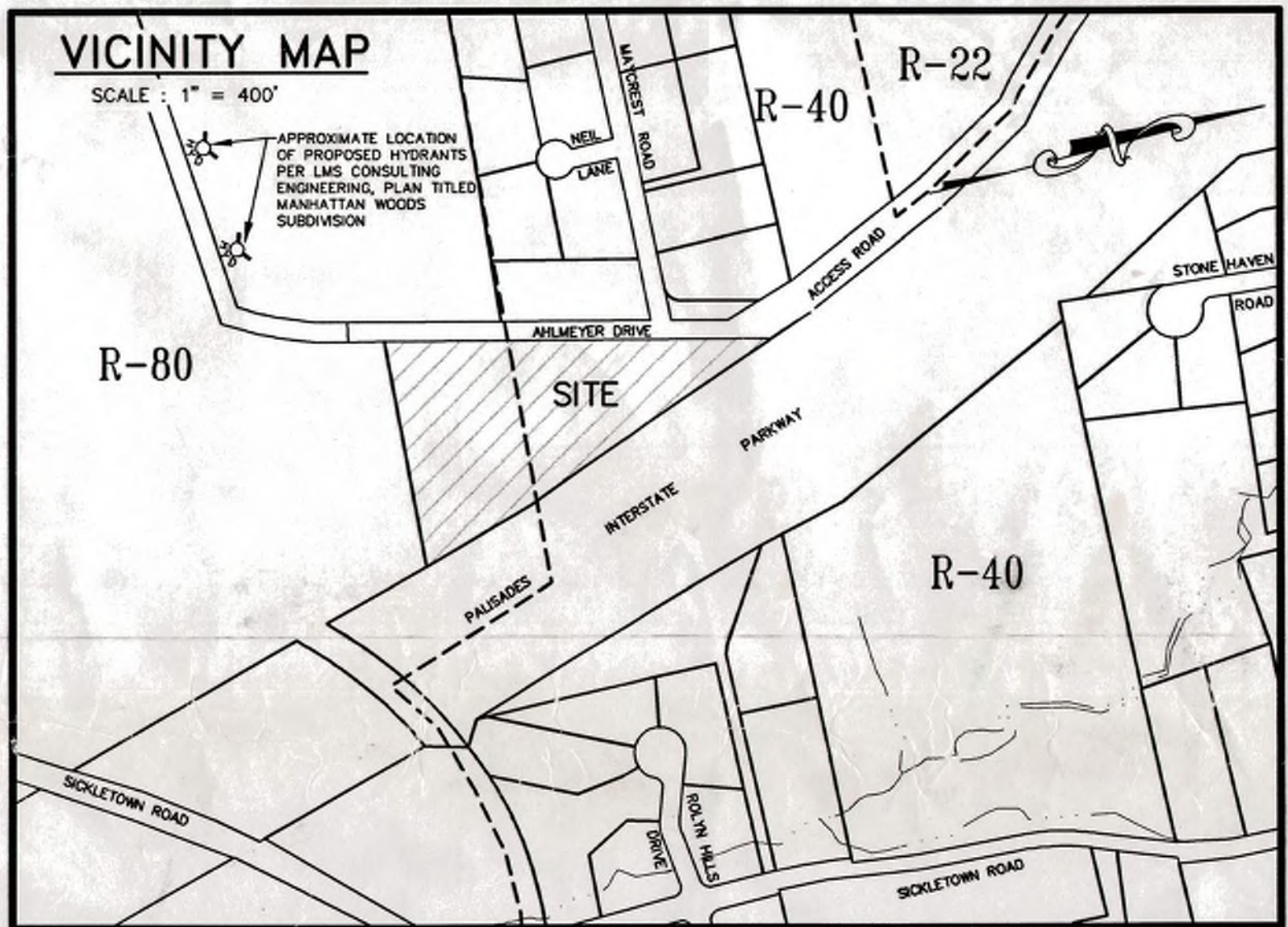




DISTRICTS:
FIRE DISTRICT : DISTRICT #12. PEARL RIVER
HOOK AND LADDER
WATER DISTRICT : UNITED WATER OF NEW YORK
SEWER DISTRICT : ORANGETOWN SEWER DISTRICT
SCHOOL DISTRICT : PEARL RIVER UNION FREE
LIGHTING DISTRICT: TOWN OF ORANGETOWN

T.B.R.

APPROVED: _____

DATE: _____

CHAIRMAN, TOWN OF ORANGETOWN PLANNING BOARD

APPROVED FOR FILING
 Date: March 16, 2004
 CRANFORD TOWNSHIP PLANNING BOARD
 By: Chief Engineer



NEW YORK OFFICE
 Suite 1
 One Crossfield Avenue
 West Nyack, NY 10994
 Phone (845) 727-1140
 Fax (845) 727-1182
 E-mail - solutions@maserconsulting.com

S.L. 69.07-1-9

FINAL SITE LAYOUT PLAN

PREPARED FOR

**GREEK ORTHODOX COMMUNITY
 OF ROCKLAND COUNTY**

**LOCATED AT
 TOWN OF ORANGETOWN
 ROCKLAND COUNTY, NEW YORK**

JOB NUMBER:
85-930A

SCALE:
1" = 30'

PAGE:
NY000748

SHEET NUMBER:
1

MASER
CONSULTING P.C.
Consulting, Municipal & Environmental Engineers
Planners • Surveyors • Landscape Architects

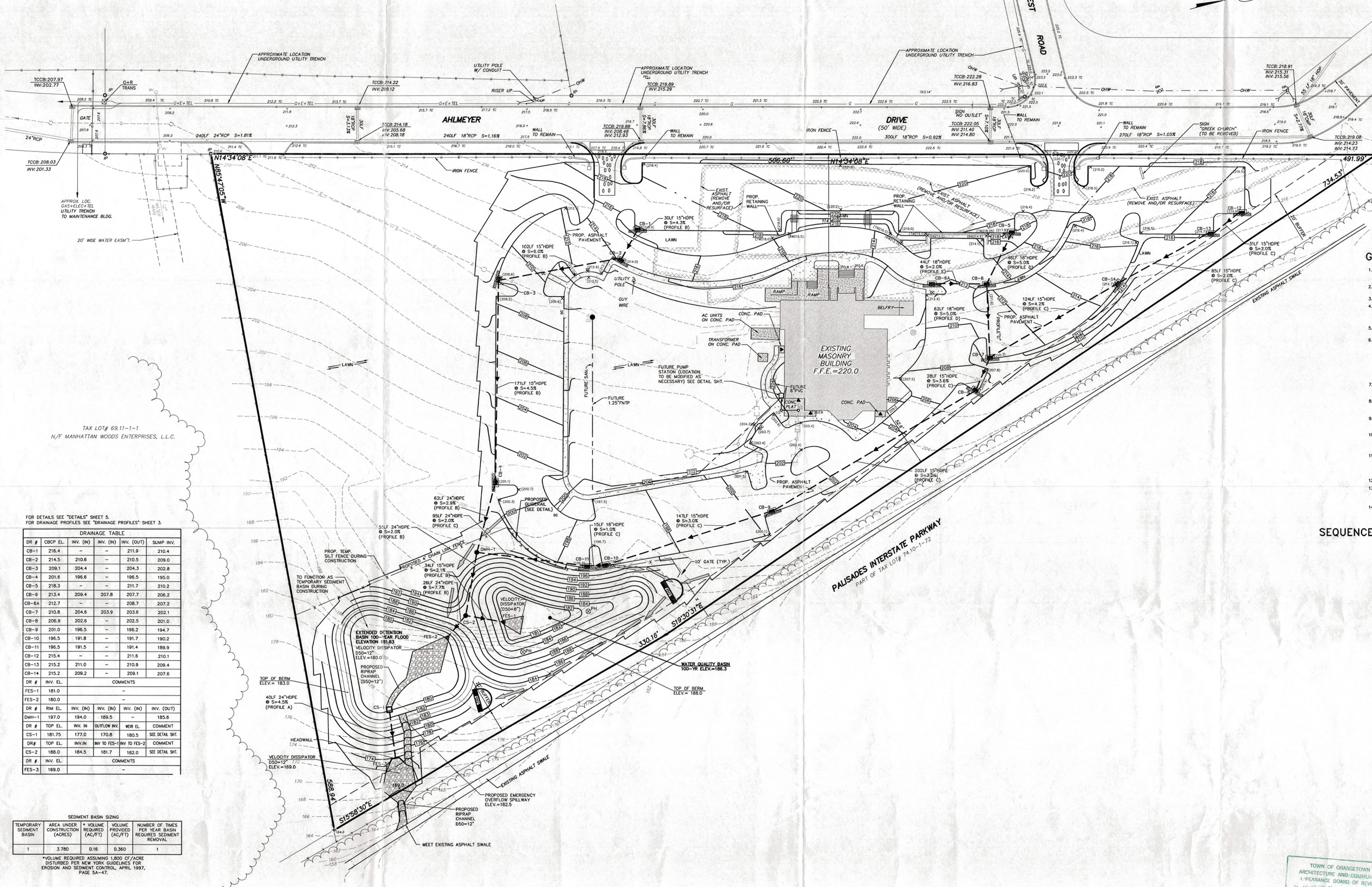
S.L. 69.07-11
FINAL SITE LAYOUT
PREPARED FOR
GREEK ORTHODOX CHURCH
OF ROCKLAND
LOCATED AT
TOWN OF ORANGE
ROCKLAND COUNTY, N.Y.

<u>Regional Offices</u> Matawan, N.J. Hamilton, N.J. Toms River, N.J. Flanders, N.J. Newburgh, N.Y.	
DATE:	9/24/01
LATEST REVISION:	01/21/04
DESIGN BY:	A.F./J.R.M.

TAX LOT# 69.07-1-10.1
N/F MANHATTAN WOODS ENTERPRISES, L.L.C.

TAX LOT# 69.07-1-11
N/F TOWN OF ORANGETOWN

TAX LOT# 69.07-1-8
MARYCREST ASSOCIATION
C/O FRANK & RAISSA REID



GRADING NOTES:

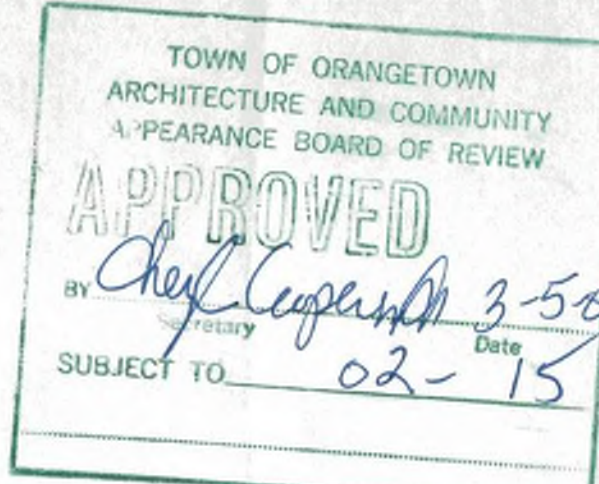
- CONTRACTOR SHALL VERIFY LOCATION AND OPERATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES, FEATURES, CONDITIONS, ETC., AND SHALL NOTIFY THE ENGINEER AND APPLICANT, IN WRITING, OF ANY DISCREPANCIES.
- TREE CLEARING TO BE LIMITED TO THAT NECESSARY FOR PROP. CONSTRUCTION AND REQUIRED GRADING.
- PROVIDE EROSION CONTROL SHOWN ON THIS PLAN.
- DISTURBED AREAS, EXCEPT ROADWAYS, WHICH WILL REMAIN UNFINISHED FOR MORE THAN FOURTEEN (14) DAYS SHALL BE TEMPORARILY SEED WITH 1/2LB. RYE GRASS OR MULCHED WITH 100LBS. OF STRAW OR HAY PER 1,000 SQ. FT. TEMPORARY DIVERSION DITCHES SHALL BE ESTABLISHED WHERE NECESSARY.
- STABILIZE ALL DISTURBED AREAS WITH PERMANENT COVER FOLLOWING CONSTRUCTION. APPLY THE NECESSARY LIME, FERTILIZER, SEED AND MULCH.
- TEMPORARY SEDIMENTATION ENTRAPMENT AREA SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED USING EARTHEN BERM, RIP-RAP OR CRUSHED STONE DAMS. HAY BALES OR SUITABLE MATERIALS, DIVERSION SWALES, BERM OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS, WHICH SHALL NOT BE PERMITTED TO FILL, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTED SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
- SILT THAT LEAVES THE SITE, IN SPITE OF THE REQUIRED PRECAUTIONS, SHALL BE COLLECTED AND REMOVED AS DIRECTED BY THE APPROPRIATE MUNICIPAL AUTHORITIES.
- AT THE COMPLETION OF THE PROJECT ALL TEMPORARY SITUATION DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, PLANTED OR TREATED IN ACCORDANCE WITH THE APPROVED PLANS.
- ALL CONSTRUCTION SHALL MEET CURRENT SPECIFICATIONS OF THE MUNICIPALITY WHICH APPROVES THE PLANS, AND/OR THAT TOWN HAVING JURISDICTION OVER THIS LOT.
- THE SEED MIXTURE FOR PERMANENT SEEDING SHALL BE:
KENTUCKY BLUEGRASS - 1000# / ACRE (2.0 lb. / 1000 SQ. FT.)
CREeping RED FESCUE - 300# / ACRE (0.3 lb. / 1000 SQ. FT.)
PERENNIAL RYE GRASS - 230# / ACRE (0.23 lb. / 1000 SQ. FT.)
- THE FOLLOWING APPLICATION RATES ARE TO BE USED FOR PERMANENT SEEDING:
LIME IS TO BE APPLIED TO A DEPTH OF AT LEAST 6.0 TO 7.0 IN. AT A RATE OF 4 TONS/ACRE (STANDARD GRADE LIMESTONE).
FERTILIZER IS TO BE APPLIED AT A RATE OF 800 LB. TO 900 LB./ACRE OR EQUIVALENT 5-10-10 (NITROGEN-PHOSPHORUS-POTASSIUM).
- 500 MAY BE USED INSTEAD OF SEED.
- DATUM: U.S.C.S. - SICKLETOWN ROAD 0.5 MILE SOUTH OF FIFTH AVENUE WEST SIDE - CULVERT HEADWALL - SOUTHEAST CORNER-SQUARE CUT 487.457.
- PERMANENT VEGETATIVE COVER OF DISTURBED AREAS SHALL BE ESTABLISHED ON THE SITE WITHIN FOURTEEN (14) DAYS OF THE COMPLETION OF CONSTRUCTION.

SEQUENCE OF CONSTRUCTION FOR EROSION CONTROL

- CONSTRUCT AND MAINTAIN CONSTRUCTION ENTRANCE.
- INSTALL ALL EROSION CONTROL DEVICES AS SHOWN ON THIS PLAN AND NOTED IN THE LEGEND FOR EROSION CONTROL MEASURES. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE NEW YORK STATE GUIDELINES FOR EROSION AND SEDIMENT CONTROL, AND SHALL BE AS REQUIRED BY THE PLANNING BOARD.
- THE APPLICANT WILL CONTACT THE TOWN OF ORANGETOWN DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND ENGINEERING FOR INSPECTION OF ALL REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES AT LEAST 48 HOURS IN ADVANCE OF COMMENCEMENT OF ANY SITE WORK, INCLUDING THE REMOVAL OF TREES.
- CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED. CONSTRUCT TEMPORARY SEDIMENT BASIN. INSTALL THE CONTROL STRUCTURE WITHOUT THE LOW LEVEL FLOWING. BOTTOM OF TEMPORARY SEDIMENT BASIN SHALL BE ELEVATION 180.0 FEET.
- PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE AS SHOWN ON THE PLAN.
- SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNFINISHED FOR A PERIOD OF FOURTEEN (14) DAYS, OR MORE, AS PER NOTE 4 OF "GRADING NOTES".
- AFTER COMPLETION OF THE SITE CONSTRUCTION, FILL, GRADE AND SPREAD TOPSOIL ON ALL LAWN AREAS AND SEED AS PER NOTES 10, 11 AND 12 OF "GRADING NOTES".
- AFTER LOT STABILIZATION HAS TAKEN PLACE:
PAVE (EXC. CURB) DRIVEWAYS.
CLEAR DRAINAGE PIPES AND STRUCTURES OF ANY SEDIMENT WHICH MAY HAVE ACCUMULATED.
REMOVE ALL EROSION CONTROL DEVICES.
- MAINTAIN ALL SEEDING AND PLANTING AREAS TO INSURE A VIABLE STABILIZED VEGETATIVE COVER.
- SILT THAT HAS BEEN ACCUMULATED IN TEMPORARY SEDIMENT BASINS TO BE REMOVED WHEN BASIN IS FILLED TO 50% OF PROVIDED DEPTH.
- ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED, AS MAY BE REQUIRED AND REQUESTED BY AUTHORITIES, TO PREVENT THE INCIDENTAL DISCHARGE OF SILT LADEN RUNOFF FROM ENTERING A WATER COURSE OR A DRAINAGE SYSTEM.
- FOR EROSION CONTROL DETAILS SEE "DETAIL SHEET".
- WHEN THE ENTIRE SITE UPSTREAM OF THE TEMPORARY SEDIMENT BASIN HAS BEEN STABILIZED, REMOVE THE CAPTURED SEDIMENT FROM THE BASIN. INSTALL THE LOW LEVEL OUTLET, RIP-RAP CHANNEL, AND RIP-RAP EMERGENCY OVERFLOW WEIR IN THE CONTROL STRUCTURE. SEED AND MULCH THE BASIN.
- STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED.

LEGEND FOR EROSION CONTROL MEASURES REQUIRED AT THE TIME OF CONSTRUCTION

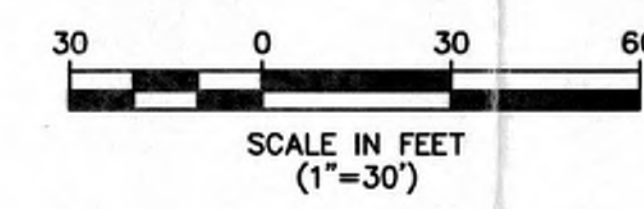
- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- CURB OUTER INLET PROTECTION STRUCTURE
- STONE OUTLET SEDIMENT TRAP
- TEMPORARY DIVERSION SWALE



APPROVED FOR FILING
Date: March 16, 2017
ORANGETOWN PLANNING BOARD
By: [Signature]

LEGEND

- PROP. CONTOUR LINE
- PROP. SPOT GRADE
- PROPOSED FIRE HYDRANT
- PROPOSED WATER MAIN
- EXISTING TREE LINE
- PERCOLATION HOLE



REV.	DATE	DRAWN BY	DESCRIPTION
4	01/21/04	JUB	PER SPDES PHASE II REQUIREMENTS
3	6/3/02	JB	PLANNING BOARD COMMENTS
2	3/12/02	JRM	PLANNING BOARD COMMENTS
1	11/8/01	JRM	PLANNING BOARD COMMENTS

MASER CONSULTING
Consulting, Municipal & Environmental Engineers
Planners • Surveyors • Landscape Architects

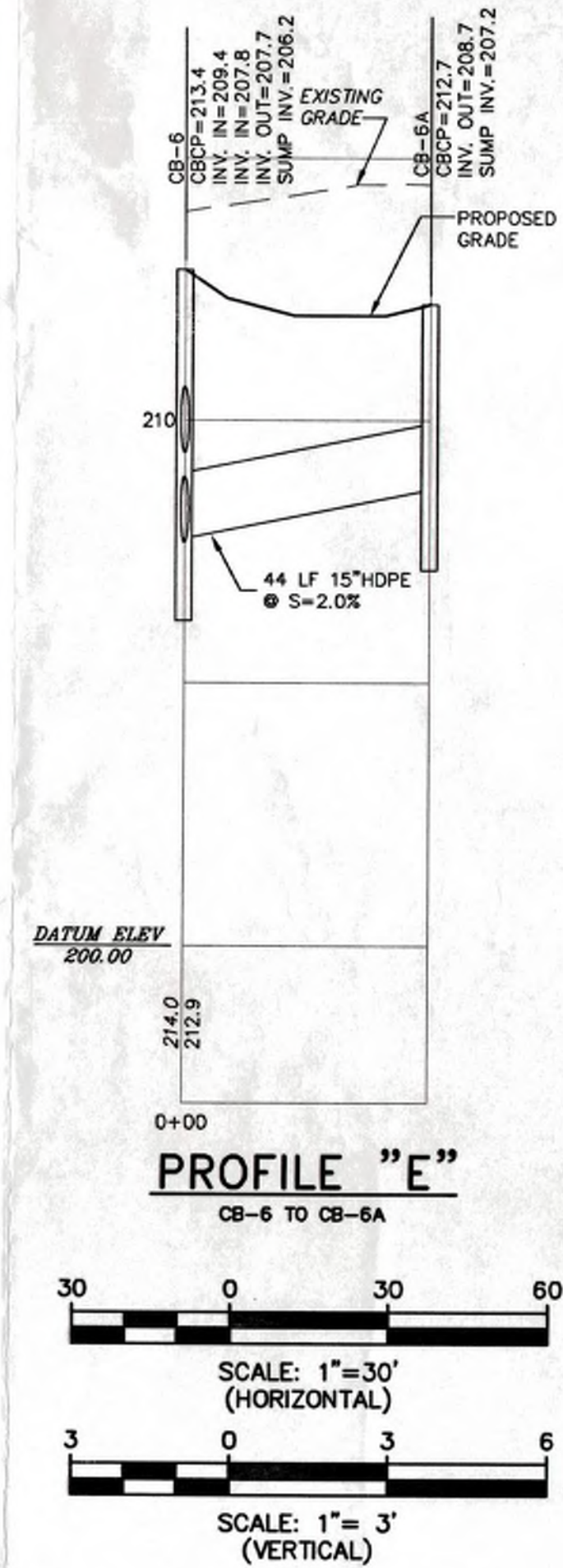
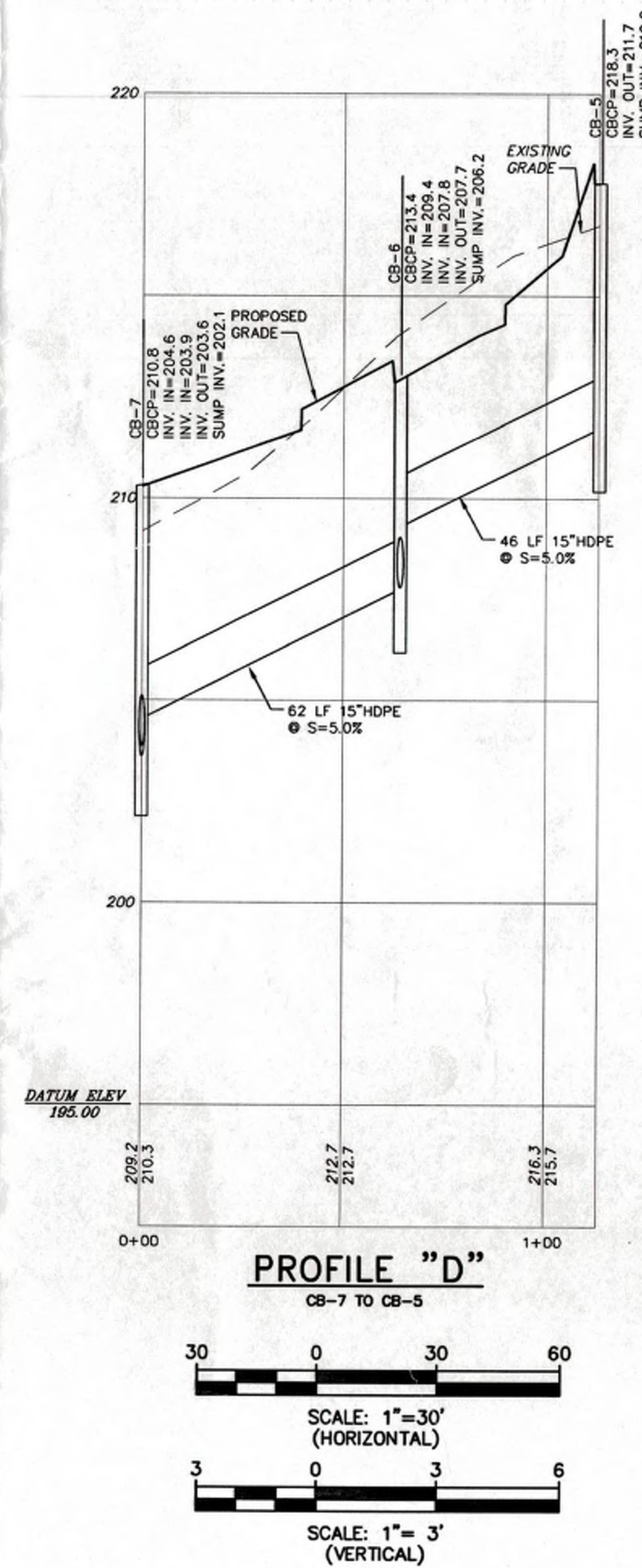
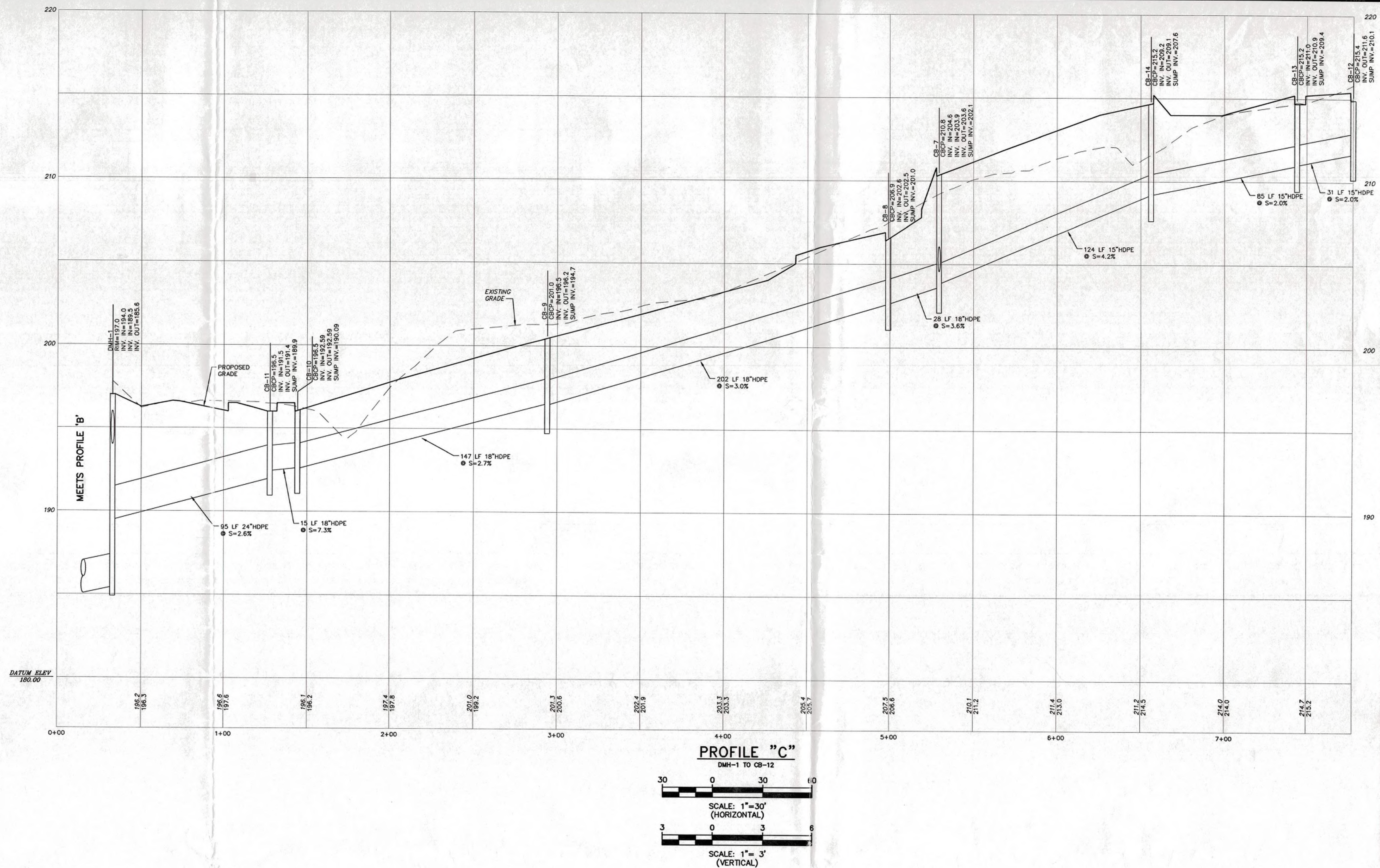
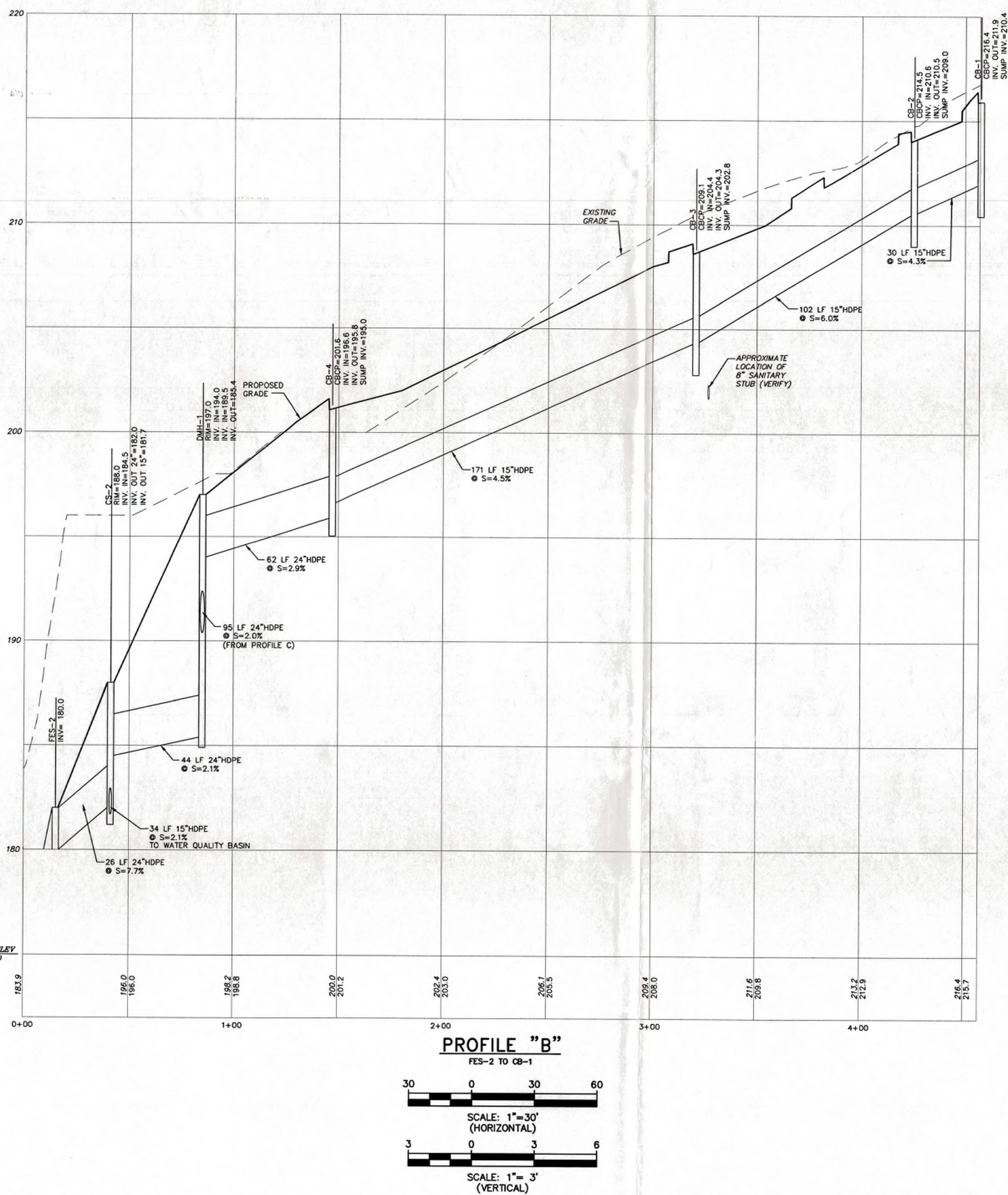
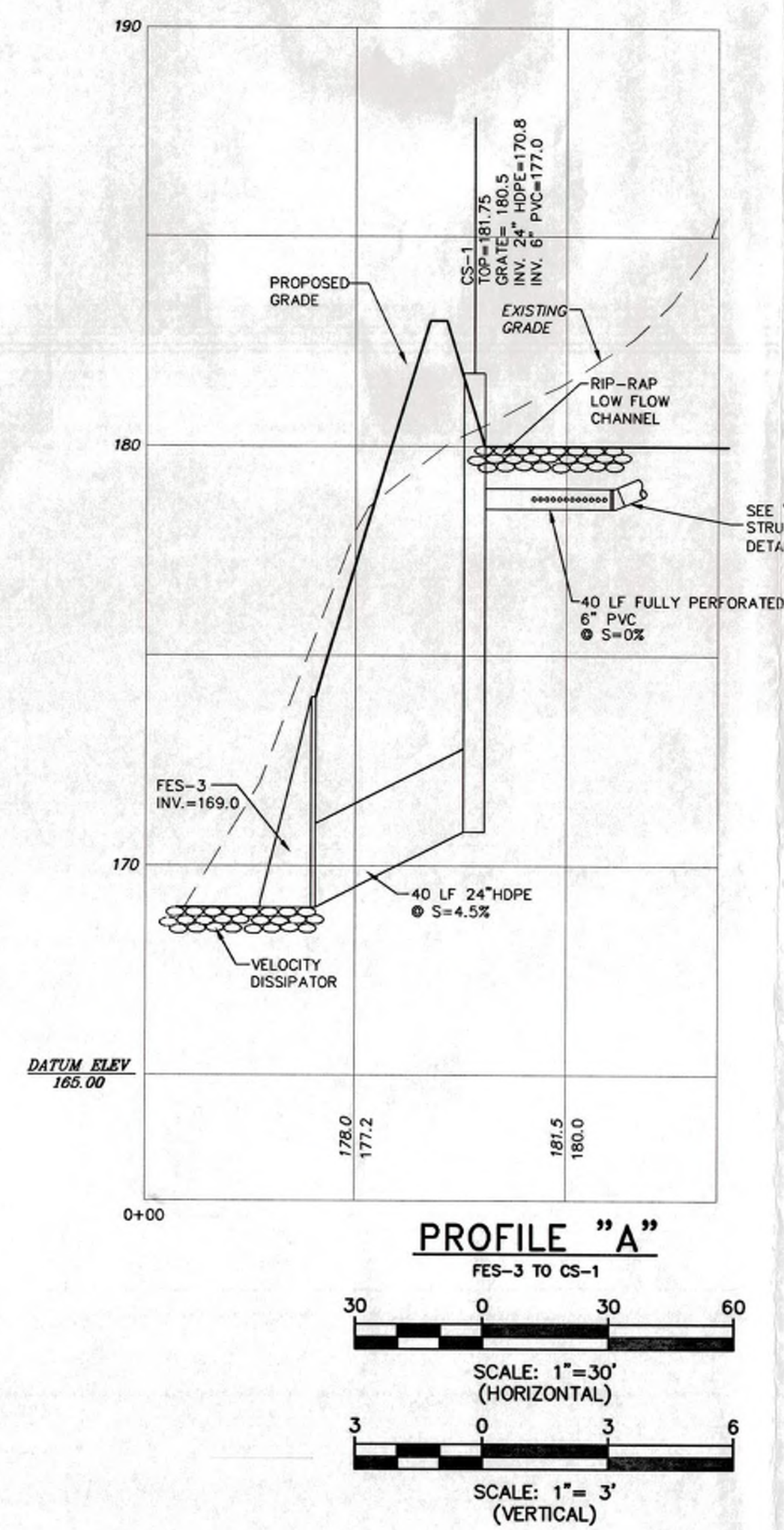
NEW YORK OFFICE
Sub 1
One Crossfield Avenue
West Nyack, N.Y. 10994
Phone (845) 727-1160
Fax (845) 727-1162
E-mail: solutions@maserconsulting.com

Regional Offices
Madison, N.J.
Hamilton, N.J.
Toms River, N.J.
Flanders, N.J.
Newburgh, N.Y.

S.L. 69.07-1-9
GRADING, DRAINAGE & EROSION CONTROL
PREPARED FOR
GREEK ORTHODOX COMMUNITY OF ROCKLAND COUNTY
LOCATED AT
TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK

DATE: 8/24/01
LATEST REVISION: 01/21/04
DESIGN BY: A.F./J.R.M.
SHEET NUMBER: 2 of 4

COPYRIGHT © 2001, MASER CONSULTING P.A. - ALL RIGHTS RESERVED
THIS DOCUMENT IS THE PROPERTY OF MASER CONSULTING P.A. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF MASER CONSULTING P.A.



REV	DATE	DRAWN BY	DESCRIPTION
3	01/21/04	JLB	PER SPDES PHASE II REQUIREMENTS
2	6/3/02	JLB	PLANNING BOARD COMMENTS
1	11/6/01	JRM	PLANNING BOARD COMMENTS

JOSEPH T. CARUSO, P.E.
N.Y.S. LIC. NO. 42993

MASER CONSULTING P.A.
Consulting, Municipal & Environmental Engineers
Planners • Surveyors • Landscape Architects

NEW YORK OFFICE
Suite 1
One Crossfield Avenue
West Nyack, N.Y. 10994
Phone (845) 727-1160
Fax (845) 727-1162
E-mail: solutions@maseronconsulting.com

Regional Offices
Matawan, N.J.
Hamilton, N.J.
Toms River, N.J.
Flamers, N.J.
Newburgh, N.Y.

S.L. 69.07-1-9
DRAINAGE PROFILES
PREPARED FOR
GREEK ORTHODOX COMMUNITY
OF ROCKLAND COUNTY
LOCATED AT
TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK

DATE: 10/10/01
LATEST REVISION: 01/21/04
DESIGN BY: J.R.M.
SHEET NUMBER: 3 of 4

