

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.	9. UPON COMPLETION OF WORK CONTRACTOR SHALL RETURN SITE TO ITS ORIGINAL CONDITION. PROVIDE TOPSOIL AND SOD WITHIN ALL CONTRACTOR STAGING AREAS. GRADE TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING. SEE THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, CHAPTERS 3.30 TOPSOIL AND 3.33 SODDING.
2. ALL TRASH (INCLUDING DEMOLITION MATERIALS) WITHIN THE PROJECT LIMITS SHALL BE PICKED UP AND REMOVED DAILY, ALL TRASH SHALL BE PLACED IN DUMPSTERS.	10. PROVIDE THREE (3) SETS OF KEYS TO CONTRACTING OFFICER REPRESENTATIVE FOR ALL CONTRACTOR STAGING AREA GATES. GATES SHALL BE LOCKED UPON COMPLETION OF DAILY OPERATIONS.
3. BUILDING EGRESS PATHS MUST REMAIN CLEAR AND OPERATIONAL AT ALL TIMES. MAINTAIN ALL LIFE SAFETY SYSTEMS, EGRESS DOORS, AND EGRESS PATHS TO A PUBLIC WAY.	11. MAINTAIN VEGETATION TO 3" HEIGHT WITHIN AND AROUND CONTRACTOR STAGING AREA AND JOB SITE.
4. BUILDINGS 110, 110A AND 110B REMAIN OCCUPIED AND OPERATIONAL 24 HOURS A DAY, 7 DAYS A WEEK. CONTRACTOR SHALL PROTECT OCCUPIED BUILDING CONTENTS AND INTERIOR FROM DUST AND CONSTRUCTION DEBRIS. COMPLY WITH VAMC – HAMPTON PROCEDURES.	12. PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH MUTCD (MANUAL ON TRAFFIC CONTROL DEVICES) LATEST EDITION. CONTRACTOR SHALL IMPLEMENT VEHICULAR TRAFFIC CONTROL PROCEDURES FOR LOADING AND UNLOADING OPERATIONS AT THE CONTRACTOR STAGING AREAS WHERE ENCRoACHMENT ON ROADS AND PARKING IS NECESSARY. CONTRACTOR SHALL IMPLEMENT VEHICULAR TRAFFIC CONTROL PROCEDURES FOR HAULING OPERATIONS WITHIN VAMC CAMPUS WHERE OVERSIZED LOADS ENCRoACH ON ROADS AND PARKING AS NECESSARY. SUBMIT A VEHICULAR TRAFFIC CONTROL PLAN TO THE CONTRACTING OFFICER 15 DAYS PRIOR TO A ROAD OR PARKING AREA SHUT-DOWN AND/OR ENCRoACHMENT.
5. CONTRACTOR SHALL PROVIDE, USE, AND MAINTAIN PORTABLE TOILETS ON SITE.	
6. CONTRACTOR SHALL STAGE EQUIPMENT AND MATERIALS IN STORAGE CONTAINERS WITHIN STAGING AREAS.	
7. CONTRACTOR SHALL PROVIDE PEDESTRIAN TRAFFIC CONTROL TO PREVENT PEDESTRIANS/VEHICLES FROM ENCRoACHING WITHIN CRANE BOOM RADIUS DURING LIFTING OPERATIONS.	
8. EXECUTE ALL WORK WITH CARE AS TO PROTECT FROM DAMAGE EXISTING FEATURES TO REMAIN. ANY DAMAGE FROM CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO MATCH THE ORIGINAL CONDITION AS APPROVED BY THE CONTRACTING OFFICER AT NO ADDITIONAL COST TO THE DEPARTMENT OF VETERAN AFFAIRS.	

SPACE AVAILABLE CONTRACTOR TRAILER, MATERIAL STORAGE AND EMPLOYEE PARKING.

CONTRACTOR'S STAGING AREA

CONTRACTOR'S STAGING AREA

PARKING

HARRIS AVENUE

AMES STREET

WOODEN STREET

KNOX STREET

BLACK AVENUE

HARRIS AVENUE

AVERRILL AVENUE

AVERRILL AVENUE

FRANKLIN BOULEVARD

THOMPSON STREET

FRANKLIN BOULEVARD

SEE SHEET 110B.CS101

SEE SHEET 110B.CS102

POSSIBLE FRANKLIN STREET DETOUR. FOLLOW DETOUR SIGNS AS INDICATED OTHERWISE FOLLOW FRANKLIN STREET HAUL ROUTE AS INDICATED ON PLANS.

HOSPITAL DISPLAY

KECOUGHTAN INDIAN DISPLAY

FOUNDER'S MONUMENT

U.S.C.&G.S. VETERAN 3.88

NOTE: IF THIS DRAWING IS USED FOR ANY OTHER PURPOSE, THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

NOTE: IF THIS DRAWING IS A REDUCTION,
GRAPHIC SCALE MUST BE USED.

NORTH

BASE MAP, KEY PLAN, HAUL ROUTE

SCALE: 1"=100'



Department of
Veterans Affairs

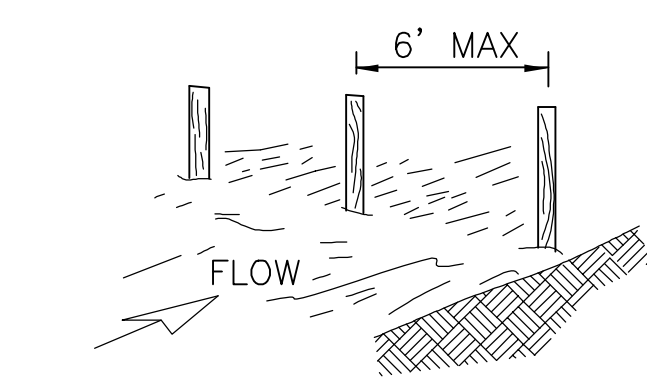
CIVIL LEGEND (SHEETS 110B.CS001, 110B.CS101, 110B.CS102)

EXISTING	NEW	
		BUILDING/STRUCTURE
		BITUMINOUS CONCRETE PAVEMENT
		CONCRETE
		CONCRETE CURB
		CONCRETE CURB AND GUTTER
		SIGN
		FENCE
		WATER LINE
		GATE VALVE
		FIRE HYDRANT
		STORM DRAIN
		CURB INLET (C.I.) / DROP INLET (D.I.)
		STORM MANHOLE
		ROOF DRAIN
		SANITARY SEWER
		SANITARY SEWER MANHOLE
		SANITARY CLEAN-OUT
		UNDERGROUND ELECTRIC LINE
		ELECTRIC MANHOLE
		UNDERGROUND TELEPHONE LINE
		TELEPHONE MANHOLE
		UNDERGROUND COMMUNICATIONS LINE
		COMMUNICATIONS MANHOLE
		LIGHT POLE
		GUARD POST
		GAS LINE
		UNDERGROUND STEAM LINE
		TREE
		SILT FENCE
		TREE PROTECTION
		HAUL ROUTE

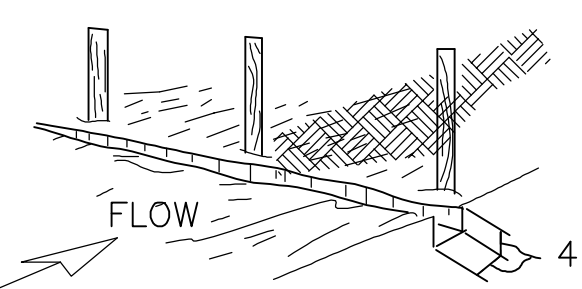
CIVIL ABBREVIATIONS (SHEETS 110B.CS001, 110B.CS101, 110B.CS102)

A/C	AIR CONDITIONER
BLDG.	BUILDING
C.L.F.	CHAIN LINK FENCE
COR	CONTRACTING OFFICER REPRESENTATIVE
ELEC.	ELECTRICAL
EXIST.	EXISTING
F.F.E.	FINISH FLOOR ELEVATION
INV.	INVERT
SIG.	SIGNAL

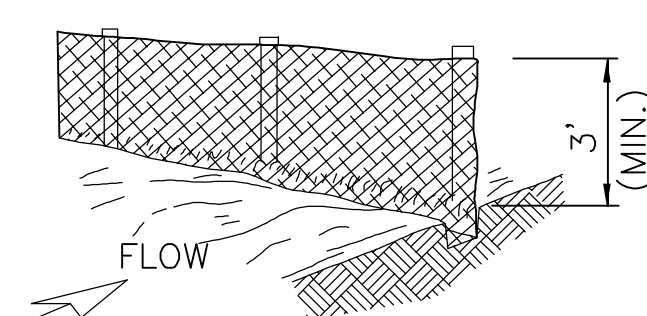
1. SET STAKES.



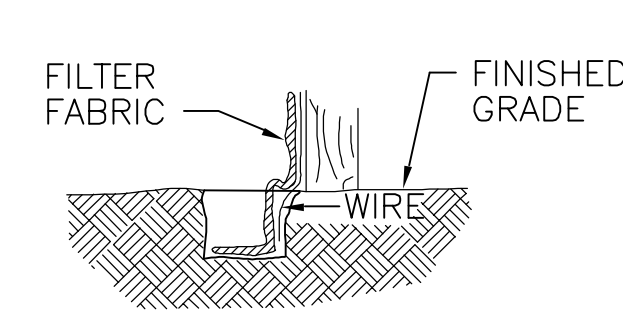
2. EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF STAKES.



3. STAPLE FILTER MATERIAL TO STAKES AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

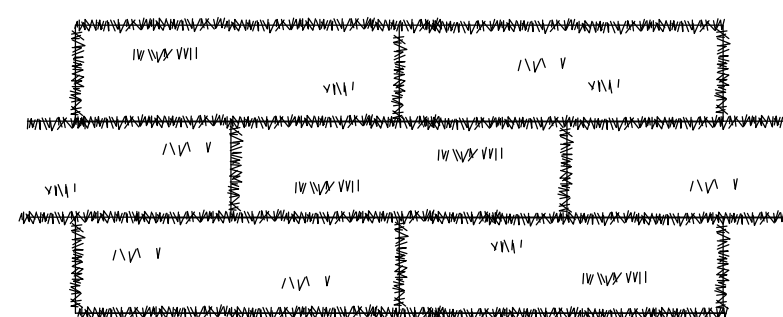


SILT FENCE (STANDARDS AND SPECIFICATIONS 3.05)

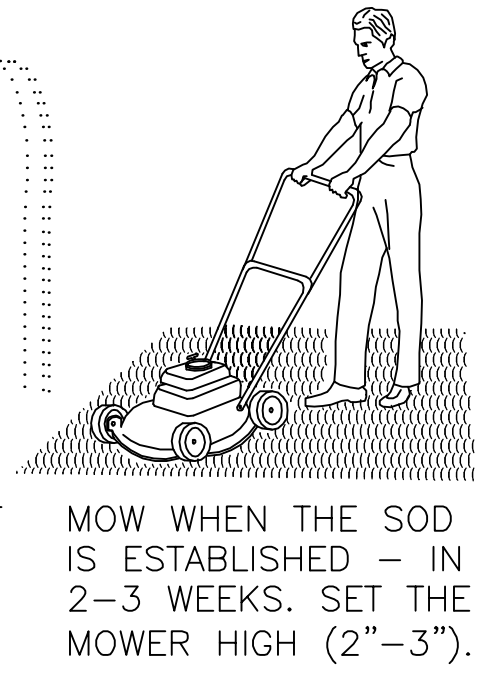
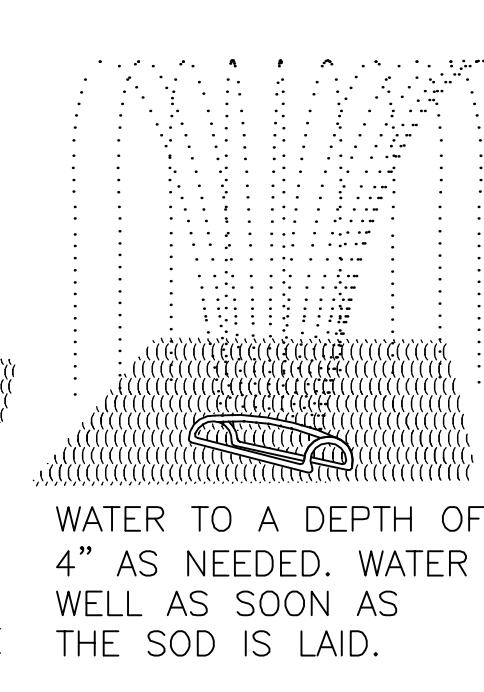
NOT TO SCALE

SF

SODDING



INCORRECT
BUTTING - ANGLED ENDS CAUSED BY THE AUTOMATIC SOD CUTTER MUST BE MATCHED CORRECTLY.



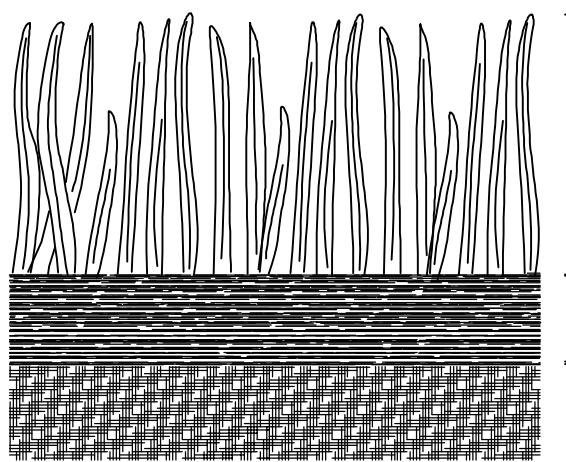
LAY SOD IN A STAGGERED PATTERN. BUTT THE STRIPS TIGHTLY AGAINST EACH OTHER. DO NOT LEAVE SPACES AND DO NOT OVERLAP. A SHARPENED MASON'S TROWEL IS A HANDY TOOL FOR TUCKING DOWN THE ENDS AND TRIMMING PIECES.

ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.

WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.

MOW WHEN THE SOD IS ESTABLISHED - IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").

APPEARANCE OF GOOD SOD



SHOOTS OR GRASS BLADES SHOULD BE GREEN AND HEALTHY, MOWED AT A 2"-3" CUTTING HEIGHT.

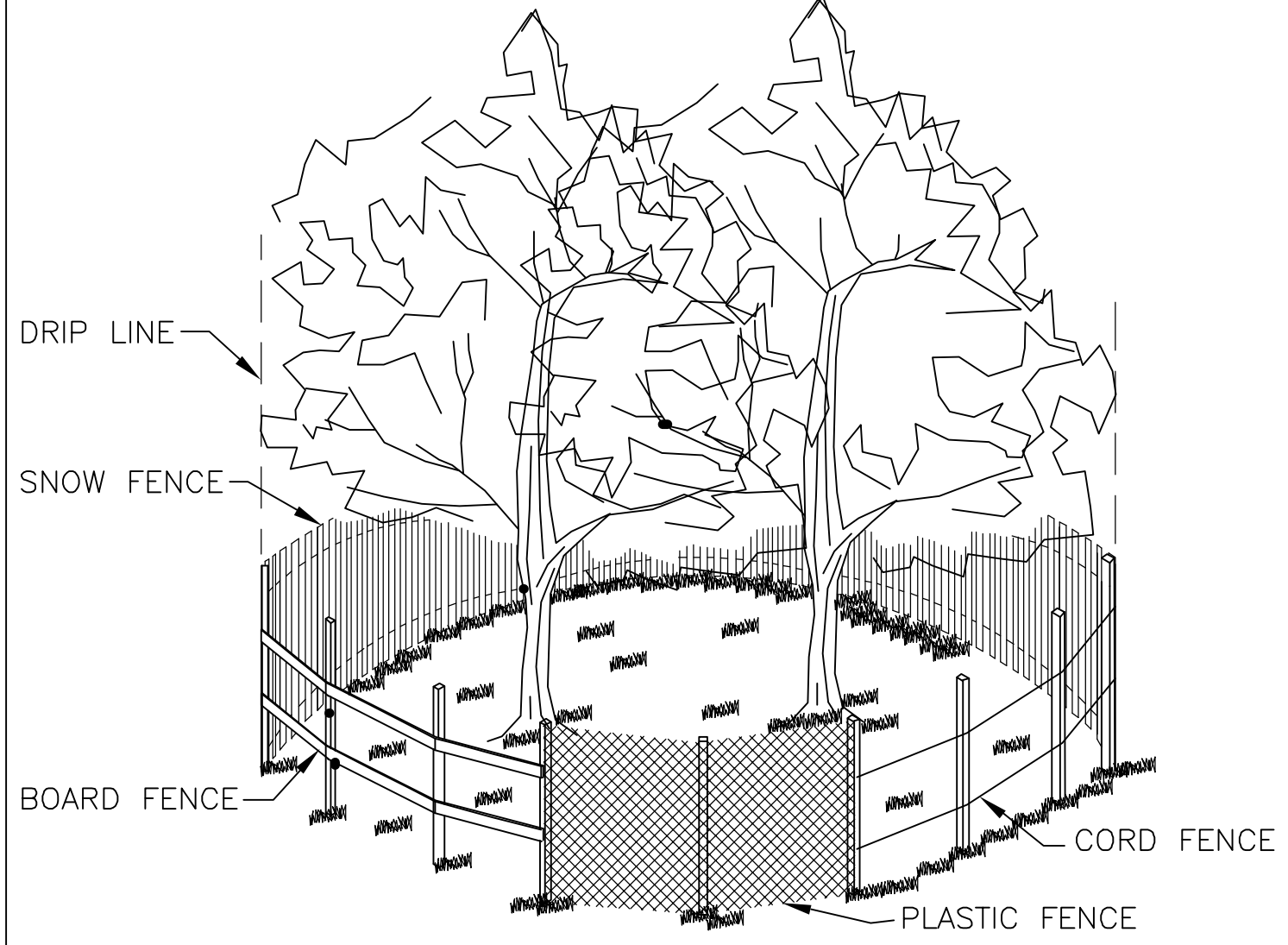
THATCH - GRASS CLIPPINGS AND DEAD LEAVES, UP TO 1/2" THICK.

ROOT ZONE - SOIL AND ROOTS. SHOULD BE 1/2"-3/4" THICK, WITH DENSE ROOT MAT FOR STRENGTH.

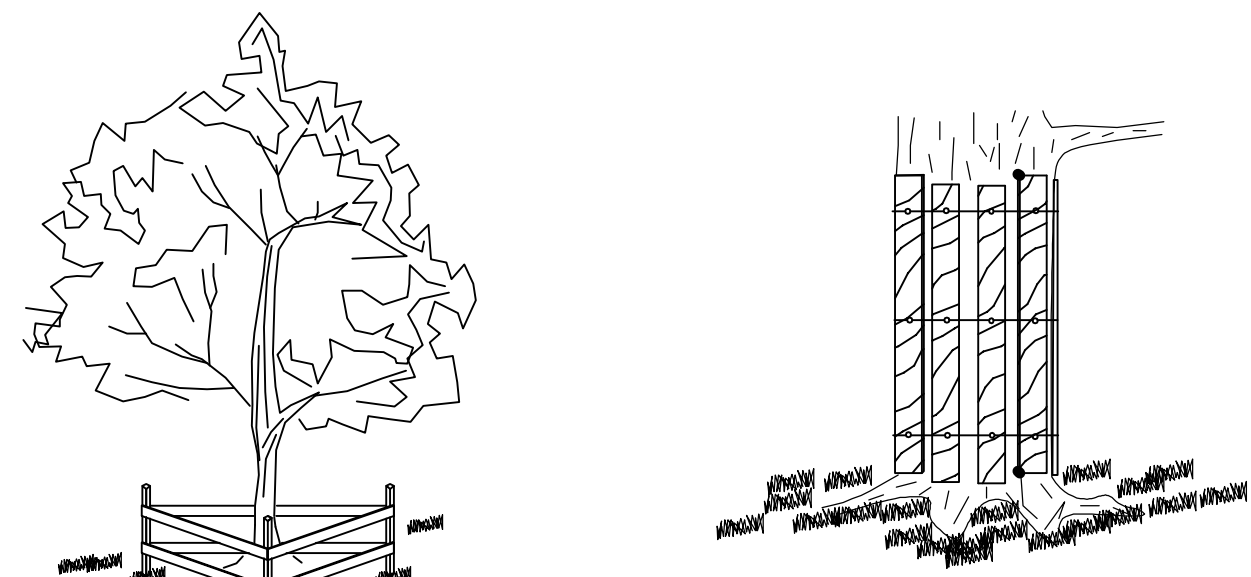
SOURCE: VA. DSWC

PLATE: 3.33-1

FENCING AND ARMORING



CORRECT METHODS OF TREE FENCING



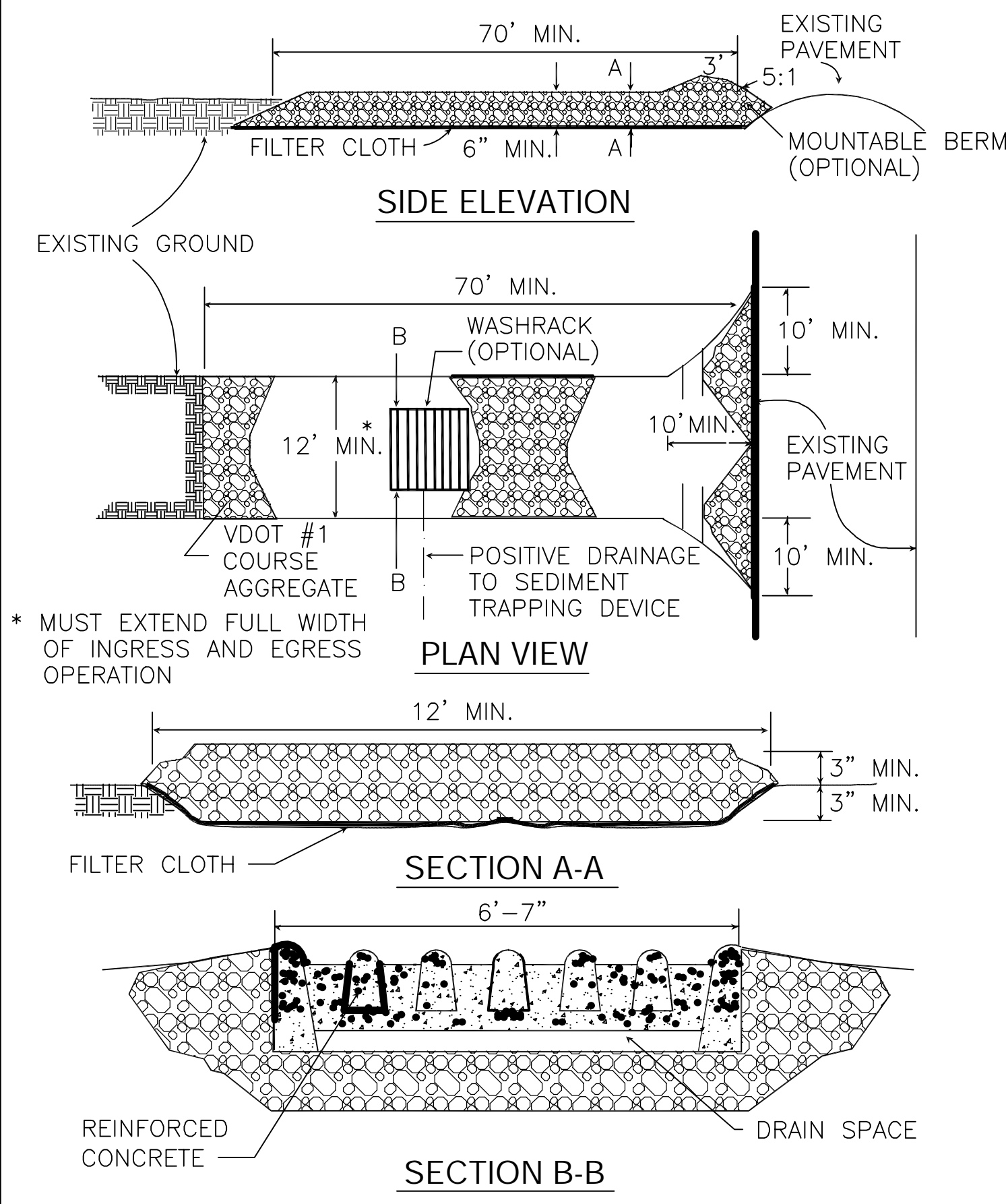
TRIANGULAR BOARD FENCE

CORRECT TRUNK ARMORING

Source: Va. DSCW

Plate 3.38-2

STONE CONSTRUCTION ENTRANCE



SOURCE: ADAPTED from 1983 Maryland Standards for Soil erosion and Sediment Control, and Va. DSWC

Plate 3.02-1

SOIL TESTING, FERTILIZER AND LIME APPLICATIONS

Adjusting the soil pH between 6.25 to 6.5 is extremely important for grass establishment, especially in the acidic soils of Virginia. A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of denuded sites. However, when a soil test has not been performed, apply 2-tons/acre (90 pounds per 1,000 square feet) of pulverized agricultural grade limestone.

Never apply more than 1 pound of water soluble nitrogen per 1,000 square feet within a 30 day period. Nitrogen should be applied based upon established requirements of the plant to be grown, season of growth, and intended use. Establishing a uniform dense vegetative cover with a good root system reduces the potential for pollution by decreasing erosion and runoff, increasing the plants ability for nutrient uptake, and reducing pesticide use. A detailed discussion on fertilizer use is provided in the 'Updated Fertilizer Specifications and Rates for Establishment' section of this bulletin.

UPDATED FERTILIZER SPECIFICATIONS AND RATES FOR ESTABLISHMENT

Plant nutrients should be applied based upon established requirements of the plant to be grown, season of growth, and intended use, as specified in the 1992 Virginia Erosion and Sediment Control Handbook (Std & Spec 3.31, 3.32, 3.33, and 3.34). The timing and rate of fertilizer application depends on the type of grass. There are basically two types of grasses, warm and cool season grasses. Warm season grasses (Bermuda, Zoysia) are those that go dormant in the winter. Cool season grasses (Fescue, Bluegrass) are those that stay green year round.

1. Recommended Season for Applying Nitrogen Fertilizers

The earliest spring application of nitrogen for cool season grasses is six weeks prior to the last average frost date (for example, February 6 for Virginia Beach and March 1 for Roanoke). The latest fall application of nitrogen for cool season grasses is six weeks after the first average frost date (for example, December 29 for Virginia Beach and December 1 for Roanoke).

The earliest spring application of nitrogen for warm season grasses is the last average frost date for the region (for example, March 20 for Virginia Beach and April 15 for Roanoke). The latest fall application of nitrogen for warm season grasses is 30 days prior to the average first frost date for the region (for example, October 15 for Virginia Beach and September 20 for Roanoke).

2. Per Application Rates

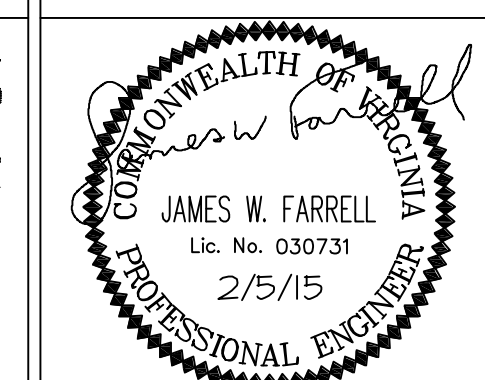
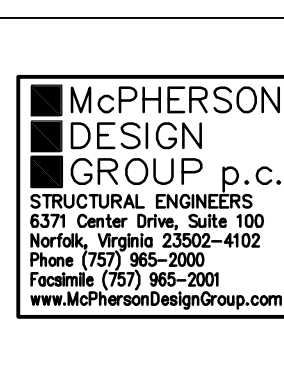
Phosphorus (P) and potassium (K) fertilizer requirements should be determined by a soil test. Never apply more than one (1) pound of water soluble nitrogen per 1,000 square feet within a 30 day period. The following table itemizes the fertilization rate revisions to standards and specifications 3.31 Temporary Seeding, 3.32 Permanent Seeding, 3.33 Sodding, and 3.34 Bermudagrass & Zoysiagrass Establishment.

Erosion & Sediment Control Technical Bulletin No. 4
Nutrient Management for Development Sites

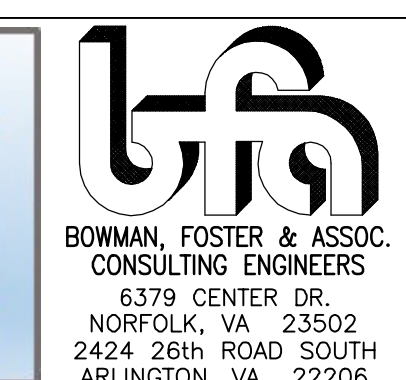
Summary of Fertilizer Specification Revisions for Establishment of Turf

Standards & Specifications		2003 Urban Nutrient Management Technical Bulletin
3.31 Temporary Seeding		10-10-10 fertilizer applied at a rate of 450 lbs. / acre or 10 lbs. / 1,000 ft ²
3.32 Permanent Seeding	Mixed Grasses & Legumes	10-20-10 fertilizer applied at a rate of 500 lbs. / acre or 12 lbs. / 1,000 ft ²
	Legume stands only	Apply the equivalent of 100 lbs. of phosphate (P ₂ O ₅) and 100 lbs. of Potash (K ₂ O) per acre. NO NITROGEN (N)
	Grass stands only	10-20-10 fertilizer applied at a rate of 500 lbs. / acre or 12 lbs. / 1,000 ft ²
3.33 Sodding		10-10-10 fertilizer applied at a rate of 450 lbs. / acre or 10 lbs. / 1,000 ft ² . NOTE: For cool season grasses apply fertilizer in fall or spring. For warm season grasses apply the fertilizer in late spring or summer only.
3.34 Bermudagrass & Zoysiagrass Establishment		10-10-10 fertilizer applied at a rate of 500 lbs. / acre or 12 lbs. / 1,000 ft ² . Apply additional phosphorus and potassium 30-60 days later based on the soil test. Apply an additional equivalent of 1 lb./1,000 ft ² of nitrogen when the P & K are applied.

CONSULTANTS:



ARCHITECT/ENGINEERS:



Drawing Title

LEGEND, ABBREVIATIONS AND NOTES

Approved: Project Director

Project Title

SECOND FLOOR ADDITION ON BUILDING 110B

Location

VA MEDICAL CENTER, HAMPTON, VA

Date

02-05-15

Checked

PNM

Drawn

CJC

Project Number

590-012

Building Number

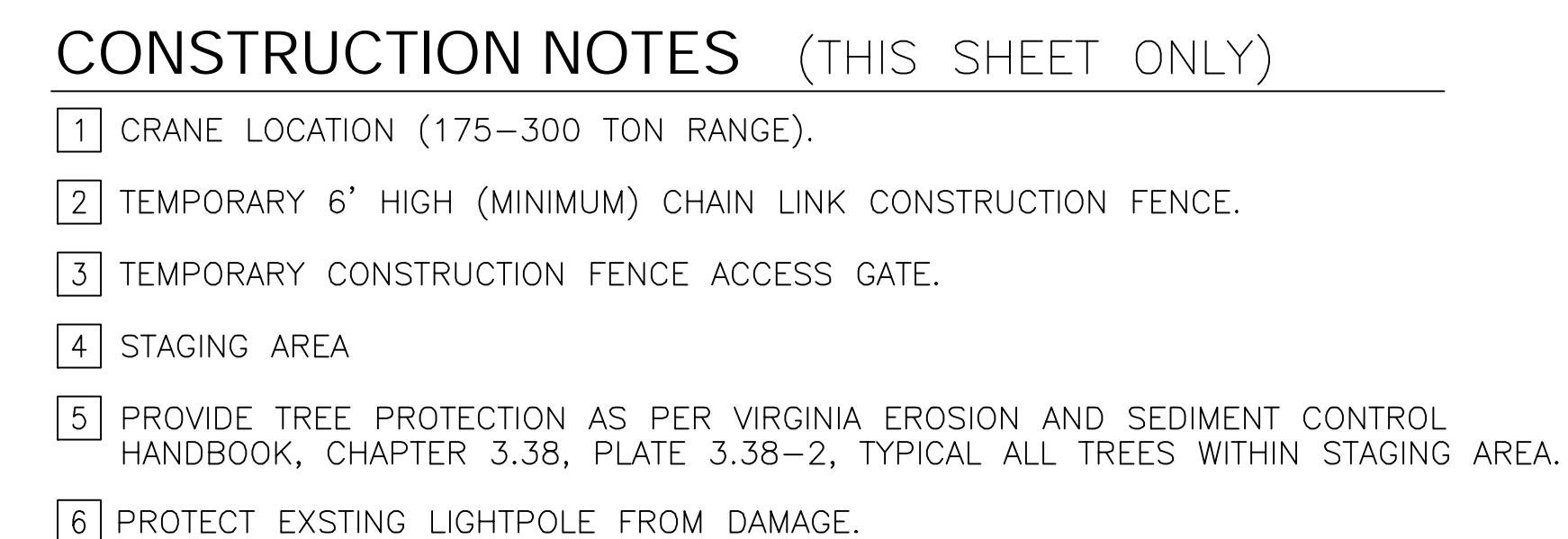
110B

Drawing Number

110B.CS002

Dwg. 7 of 178



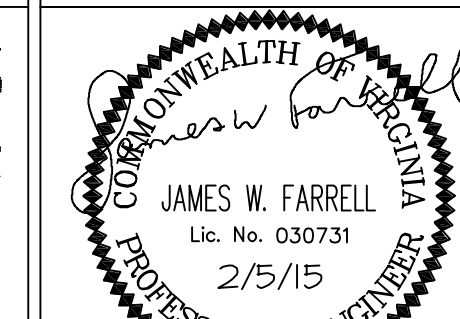


NOTE: IF THIS DRAWING IS A REDUCTION,
GRAPHIC SCALE MUST BE USED.


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ARCHITECT/ENGINEERS:



BOWMAN, FOSTER & ASSOC
CONSULTING ENGINEERS
6379 CENTER DR.
NORFOLK, VA 23502

Drawing Title

CIVIL SITE
CONTRACTOR STAGING PLAN

Approved: Project Director

Project Title	SECOND FLOOR ADDITION ON BUILDING 110B
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Location	VA MEDICAL CENTER, HAMPTON, VA
----------	--------------------------------

Date	Checked	Drawn
22.05.15		

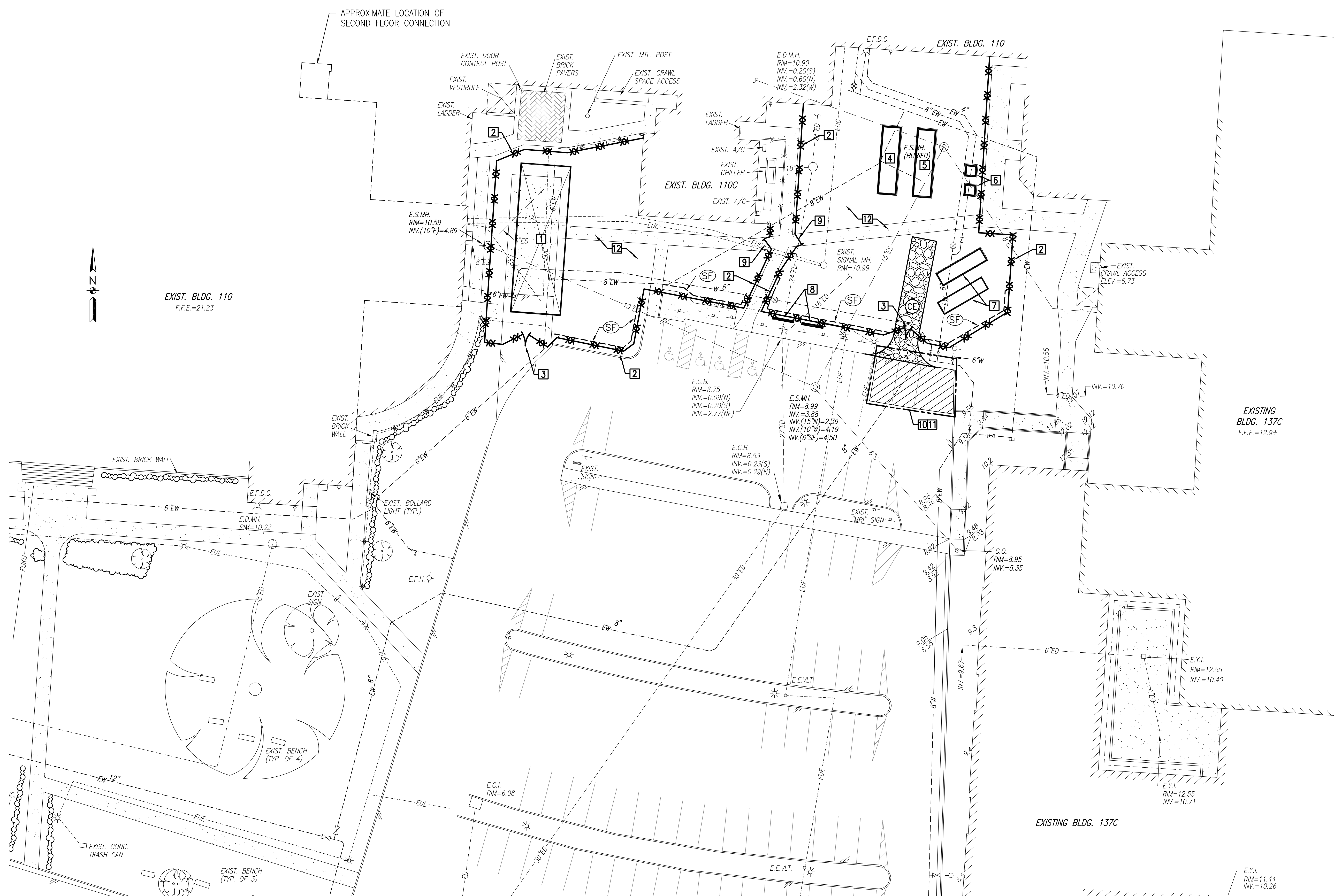
ON	Project Number	590-012
	Building Number	

A	Drawing Number	110B.CS101



one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot

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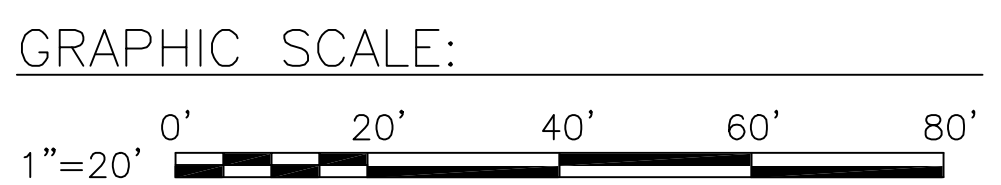


NORTH
CONTRACTOR STAGING PLAN
SCALE: 1"=20'

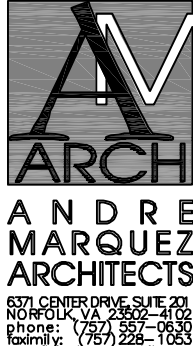

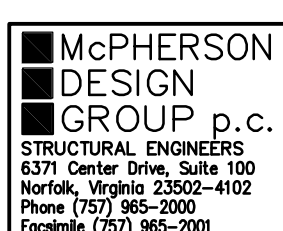




CONSTRUCTION NOTES (THIS SHEET ONLY)

- 1 CRANE LOCATION (175-300 TON RANGE).
- 2 TEMPORARY 6' HIGH (MINIMUM) CHAIN LINK CONSTRUCTION FENCE.
- 3 TEMPORARY CONSTRUCTION FENCE ACCESS GATE.
- 4 TEMPORARY OFFICE TRAILER
- 5 TEMPORARY STORAGE TRAILER
- 6 TEMPORARY PORTABLE TOILET
- 7 DUMPSTER
- 8 PROJECT AND SAFETY SIGNS
- 9 CONTRACTOR ACCESS PEDESTRIAN GATE.
- 10 REMOVE PARKING SPACE DESIGNATION SIGNS AND CONCRETE WHEEL STOPS WITHIN LIMITS SHOWN - SAVE ON SITE AND REPLACE UPON COMPLETION OF PROJECT.
- 11 PROVIDE TEMPORARY NO PARKING PAVEMENT STRIPING WITHIN LIMITS SHOWN - RESTORE PARKING SPACES TO ORIGINAL CONDITION UPON COMPLETION OF PROJECT.
- 12 STAGING AREA.

NOTE: IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.



Revisions		Date	

CONSULTANTS:		ARCHITECT/ENGINEERS:	
 ANDRE MARQUEZ ARCHITECTS 3558.03.14 BLDG 110 2ND FLOOR ADD - VAMC.DWG \$WORKING\$ 3558.03 SITE.dwg 2-04-15 08:39:19 AM Corl	 HOGGARD-EURE ASSOCIATES, P.C. Engineers-Surveyors-Planners 901 PortCentre Parkway, Suite 5 Portsmouth, Virginia 23704	 McPHERSON DESIGN GROUP P.C. STRUCTURAL ENGINEERS 6379 Center Dr., Suite 100 Norfolk, Virginia 23502-4102 Phone (757) 965-2000 Fax (757) 965-2001 www.mcpersondesigngroup.com	 HUGHES ASSOCIATES ENGINEERS CONSULTANTS SCIENTISTS 4445 CORPORATION LANE SUITE 211 VIRGINIA BEACH VIRGINIA 23462 P 757.213.6856 F 757.687.0702 www.halfire.com
		 JBH	
 BOWMAN, FOSTER & ASSOC. CONSULTING ENGINEERS 6379 CENTER DR. NORFOLK, VA 23502 2424 26th ROAD SOUTH ARLINGTON, VA 22206		Drawing Title CIVIL SITE CONTRACTOR STAGING PLAN	
Approved Project Director		Project Title SECOND FLOOR ADDITION ON BUILDING 110B	
Location VA MEDICAL CENTER, HAMPTON, VA		Project Number 590-012	
Date 02-05-15		Building Number 110B	
Checked PNM		Drawing Number 110B.CS102	
Drawn CJC		Dwg. 9 of 178	
