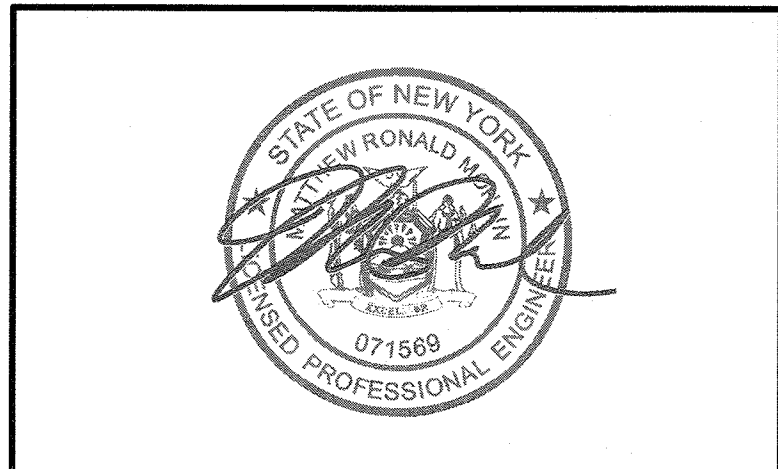


MARK	DATE	DESCRIPTION
2	1/19/22	ACABOR SUBMISSION
1	1/14/22	TOWN COMMENTS



DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED BY
MRM	JMT	MRM	
PROJECT No.	DATE	SCALE	
LGTR 2001	AUG. 30, 2021	AS SHOWN	

CLIENT  
**DOMINICAN COLLEGE**

**ATHLETIC COMPLEX  
SYNTHETIC TURF FIELD**



470 WESTERN HIGHWAY  
ORANGEBURG, NEW YORK  
10962  
SEC. 74.06, BLOCK 3, P/O  
LOTS 1.1 & 1.3

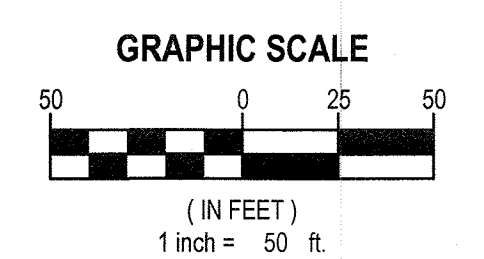
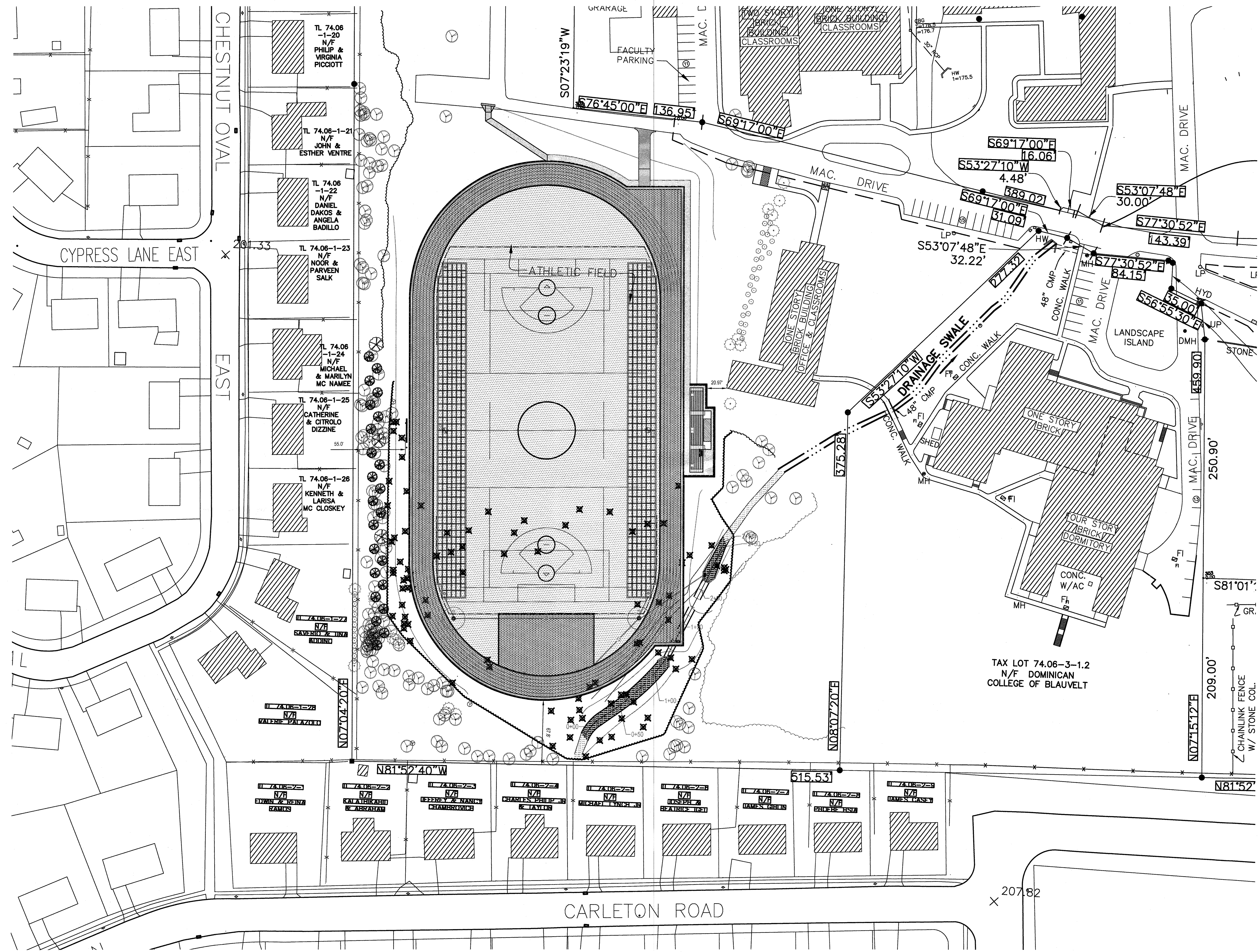
CONTRACT

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**OVERALL SITE PLAN**

APPLICANT  
DOMINICAN COLLEGE  
470 WESTERN HIGHWAY  
ORANGEBURG, NY 10962  
(845) 848-7814

DRAWING No. **C0.0** SHEET No. **1A** OF **11**



C:\Users\jmontana\OneDrive\Documents\Projects\20230208\_0\_CompactPlan.dwg Last Modified: Jan 14, 2023, 12:47pm Printed on: Jan 18, 2023, 1:03pm By: jmontana





**TREE REMOVAL LEGEND**

DESCRIPTION	SYMBOL
TREE TO BE REMOVED	X

**TREE REMOVAL NOTES:**

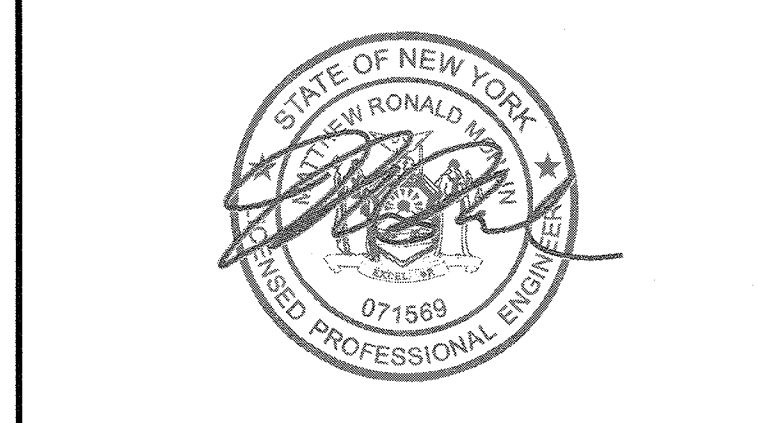
1. A TOTAL OF 91 TREES > 6" DBH WILL BE REMOVED. REFER TO SHEET C1.2 FOR SIZES AND SPECIES.

**H 2 architects + engineers**  
**M**

538 Broad Hollow Road, 4th Floor East  
Melville, NY 11747  
631.756.8000 • www.h2m.com

**THE LANDTEK GROUP, INC**  
LANDTEK  
235 County Line Rd  
Amityville, NY 11701  
631-691-2381  
631-598-8280  
www.landtekgroup.com

MARK	DATE	DESCRIPTION
2	1/19/22	ACABOR SUBMISSION
1	1/14/22	TOWN COMMENTS



DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED BY
MRM	JMT	MRM	

PROJECT NO: LGTR 2001    DATE: AUG. 30, 2021    SCALE: AS SHOWN

**CLIENT**

**DOMINICAN COLLEGE**

**ATHLETIC COMPLEX  
SYNTHETIC TURF FIELD**

**DOMINICAN COLLEGE**

470 WESTERN HIGHWAY  
ORANGEBURG, NEW YORK  
10962

SEC. 74.06, BLOCK 3, P/O  
LOTS 1.1 & 1.3

**CONTRACT**

ALL CONTRACTS

**STATUS**

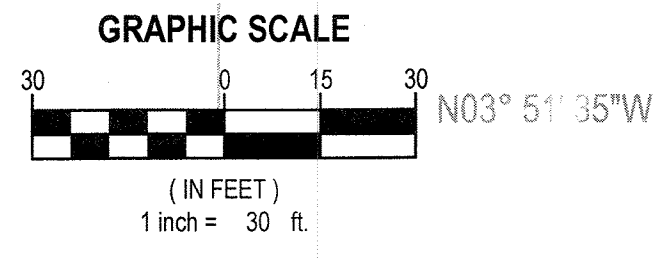
REGULATORY REVIEW

**SHEET TITLE**

TREE REMOVAL PLAN

DRAWING No: **C1.1**    SHEET No: **3** OF **11**

**APPLICANT**  
DOMINICAN COLLEGE  
470 WESTERN HIGHWAY  
ORANGEBURG, NY 10962  
(845) 846-7814



C:\Users\jrmorris\appdata\local\temp\AutoCAD\_2023\11\11\2022-4\10m\Plotter on Jan 18 2022 - 1:07pm by jrmorris



Table with columns: PROJ NAME, PROJ #, TREE #, COMMON NAME, D.B.H. (INCHES), COMMENTS, SHADE INDICATES TREE TO BE REMOVED. Lists trees 501-542.

FIELD\_INVENTORY

Table with columns: PROJ NAME, PROJ #, TREE #, COMMON NAME, D.B.H. (INCHES), COMMENTS, SHADE INDICATES TREE TO BE REMOVED. Lists trees 543-584.

FIELD\_INVENTORY

Table with columns: PROJ NAME, PROJ #, TREE #, COMMON NAME, D.B.H. (INCHES), COMMENTS, SHADE INDICATES TREE TO BE REMOVED. Lists trees 585-626.

FIELD\_INVENTORY

Table with columns: PROJ NAME, PROJ #, TREE #, COMMON NAME, D.B.H. (INCHES), COMMENTS, SHADE INDICATES TREE TO BE REMOVED. Lists trees 627-668.

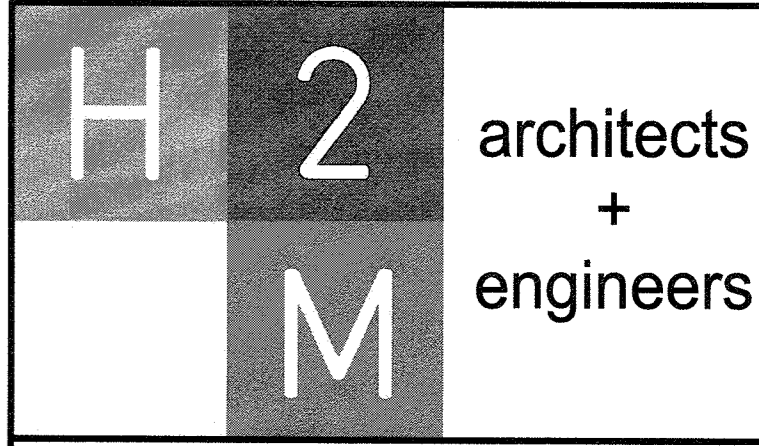
FIELD\_INVENTORY

Table with columns: PROJ NAME, PROJ #, TREE #, COMMON NAME, D.B.H. (INCHES), COMMENTS, SHADE INDICATES TREE TO BE REMOVED. Lists trees 669-945.

FIELD\_INVENTORY

Table with columns: PROJ NAME, PROJ #, TREE #, COMMON NAME, D.B.H. (INCHES), COMMENTS, SHADE INDICATES TREE TO BE REMOVED. Lists trees 946-948.

FIELD\_INVENTORY



538 Broad Hollow Road, 4th Floor East Melville, NY 11747 631.756.8000 • www.h2m.com



Table with columns: MARK, DATE, DESCRIPTION. Includes entries for ACABOR SUBMISSION and TOWN COMMENTS.



Table with columns: DESIGNED BY, DRAWN BY, CHECKED BY, REVIEWED BY, PROJECT NO., DATE, SCALE. Includes project details for LGTR 2001.

CLIENT: DOMINICAN COLLEGE ATHLETIC COMPLEX SYNTHETIC TURF FIELD. 470 WESTERN HIGHWAY ORANGEBURG, NEW YORK 10962. SEC. 74.06, BLOCK 3, P/O LOTS 1.1 & 1.3

CONTRACT: ALL CONTRACTS

STATUS: REGULATORY REVIEW

SHEET TITLE: TREE REMOVAL LIST

DRAWING No: C1.2 SHEET No: 4 OF 11

APPLICANT: DOMINICAN COLLEGE 470 WESTERN HIGHWAY ORANGEBURG, NY 10962 (845) 846-7814

X:\LGR\Landtek Group\LGTR2001\02-BM-CAD\02-03-2021\02-03-2021-1108pm.dwg Last Modified: Jan 14, 2022 - 12:30pm Plotted on: Jan 18, 2022 - 1:08pm By: jenkins





MULTI-PURPOSE FIELD STRIPING TABLE				
SPORT/EVENT	DIMENSIONS	TYPE OF STRIPE	COLOR	PANTONE COLOR NO.
SOCCER	210'x360'	INLAID	CANARY YELLOW	136C
BOY'S LACROSSE	180'x330'	INLAID	REFLEX BLUE	RFXC
BOY'S LACROSSE CIRCLE	9' RADIUS	PAINTED	REFLEX BLUE	RFXC (OR EQUAL)
GIRL'S LACROSSE	210'x360'	INLAID	RED	185C

TOTAL LAND DISTURBANCE = 4.81 ACRES

**SITE DATA**

ZONE: R-40  
 USE: SCHOOL ATHLETIC FIELD  
 SCHOOL DISTRICT: SOUTH ORANGETOWN CSD  
 FIRE DISTRICT: ORANGETOWN  
 WATER DISTRICT: SUEZ NEW YORK  
 SEWER DISTRICT: ORANGETOWN SEWER DISTRICT

**BULK REQUIREMENTS**

ITEM	REQUIRED	NEW
MINIMUM FLOOR AREA RATIO	0.15	0.01
MINIMUM LOT AREA	5 ACRES	12.5 ACRES
MINIMUM LOT WIDTH	400 FT	516 FT
MINIMUM STREET FRONTAGE	50 FT	235 FT
MINIMUM FRONT YARD DEPTH	50 FT	1,004 FT (PRESS BOX)
MINIMUM SIDE YARD DEPTH (EACH)	30 FT	55 FT
MINIMUM SIDE YARD DEPTH (AGGREGATE)	100 FT	746 FT
MINIMUM REAR YARD DEPTH	50 FT	67 FT
MAXIMUM BUILDING HEIGHT	3 INCHES	0 INCHES

**LEGEND**

DESCRIPTION	SYMBOL
RETAINING WALL	[Symbol]
ASPHALT PAVEMENT	[Symbol]
CONCRETE PAVEMENT	[Symbol]
CONCRETE SIDEWALK	[Symbol]
TURF FIELD	[Symbol]
RUNNING TRACK	[Symbol]
RELOCATED STREAMBED	[Symbol]
UTILITY MANHOLE	[Symbol]
HANDICAP RAMP	[Symbol]
CHAIN LINK FENCE	[Symbol]

**SITE PLAN NOTES:**

- INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
- NOTIFY THE OWNER AND H2M (TELEPHONE 631-756-8000) AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF THE WORK. THE SAME NOTICE SHALL BE REQUIRED WHEN RESUMING WORK AFTER ANY STOPPAGE OR DELAY.
- COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
- PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
- DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
- ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
- COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.
- RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
- RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH 4 INCHES OF TOPSOIL AND SEED.
- SEAL ALL JOINTS BETWEEN NEW ASPHALT AND EXISTING ASPHALT WITH HOT ASPHALT CEMENT.

**TOWN OF ORANGETOWN NOTES:**

- LOT DRAINAGE SHALL CONSTITUTE EASEMENTS RUNNING WITH THE LAND AND ARE NOT TO BE DISTURBED.
- ALL UTILITIES, INCLUDING ELECTRIC AND TELEPHONE SERVICE, SHALL BE INSTALLED UNDERGROUND.
- SIDEWALKS SHALL BE INSTALLED IN ACCORDANCE WITH THE HIGHWAY DEPARTMENT'S SPECIFICATIONS FOR SIDEWALKS.
- THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 239.8.6 OF THE GENERAL MUNICIPAL LAW OF THE STATE OF NEW YORK.
- AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF ANY WORK, INCLUDING THE INSTALLATION OF EROSION CONTROL DEVICES OR THE REMOVAL OF TREES AND VEGETATION, A PRE-CONSTRUCTION MEETING MUST BE HELD WITH THE TOWN OF ORANGETOWN DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND ENGINEERING, SUPERINTENDENT OF HIGHWAYS, AND THE OFFICE OF BUILDING, ZONING, AND PLANNING ADMINISTRATION AND ENFORCEMENT. IT IS THE RESPONSIBILITY AND OBLIGATION OF THE PROPERTY OWNER TO ARRANGE SUCH A MEETING.
- ADDITIONAL CERTIFICATION, BY AN APPROPRIATE LICENSED OR CERTIFIED DESIGN PROFESSIONAL SHALL BE REQUIRED FOR ALL MATTERS BEFORE THE PLANNING BOARD INDICATING THAT THE DRAWINGS AND PROJECT ARE IN COMPLIANCE WITH THE STORMWATER MANAGEMENT PHASE II REGULATIONS.
- ALL OUTDOOR CONSTRUCTION ACTIVITIES, INCLUDING SITE CLEARING OPERATIONS IF APPLICABLE, SHALL TAKE PLACE BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM, MONDAY THROUGH SATURDAY. NO SUCH ACTIVITIES SHALL TAKE PLACE ON SUNDAY OR A LEGAL HOLIDAY. THE SAME CRITERIA SHALL APPLY TO INDOOR CONSTRUCTION ACTIVITIES, EXCEPT THAT SUCH ACTIVITIES MAY TAKE PLACE BETWEEN THE HOURS OF 7:00 AM AND 10:00 PM.
- THERE SHALL BE NO PORTABLE LIGHTING USED FOR EVENTS AT THE FIELD.
- PUBLIC ADDRESS SYSTEM TO BE LIMITED TO USE FROM 8 AM TO A HALF HOUR AFTER DUSK, FOR ON FIELD ACTIVITIES AND SPECIAL EVENTS ONLY.

**H2M architects + engineers**

538 Broad Hollow Road, 4th Floor East  
 Melville, NY 11747  
 631.756.8000 • www.h2m.com

**THE LANDTEK GROUP, INC**

235 County Line Rd  
 Amityville, NY 11701  
 631-598-8280  
 www.landtekgroup.com

MARK	DATE	DESCRIPTION
2	1/19/22	ACABOR SUBMISSION
1	1/14/22	TOWN COMMENTS

STATE OF NEW YORK  
 SEAL OF THE PROFESSIONAL ENGINEER  
 071569  
 LICENSED PROFESSIONAL ENGINEER

DESIGNED BY: MRM | DRAWN BY: JMT | CHECKED BY: MRM | REVIEWED BY:  
 PROJECT No: LGTR 2001 | DATE: AUG. 30, 2021 | SCALE: AS SHOWN

**CLIENT**

**DOMINICAN COLLEGE**

**ATHLETIC COMPLEX  
 SYNTHETIC TURF FIELD**

**DOMINICAN COLLEGE**

**470 WESTERN HIGHWAY  
 ORANGETOWN, NEW YORK  
 10962**

**SEC. 74.06, BLOCK 3, P/O  
 LOTS 1.1 & 1.3**

**CONTRACT**

**ALL CONTRACTS**

**STATUS**

**REGULATORY REVIEW**

**SHEET TITLE**

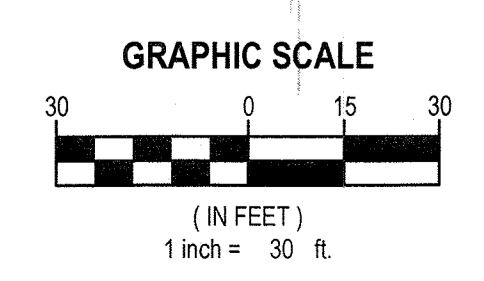
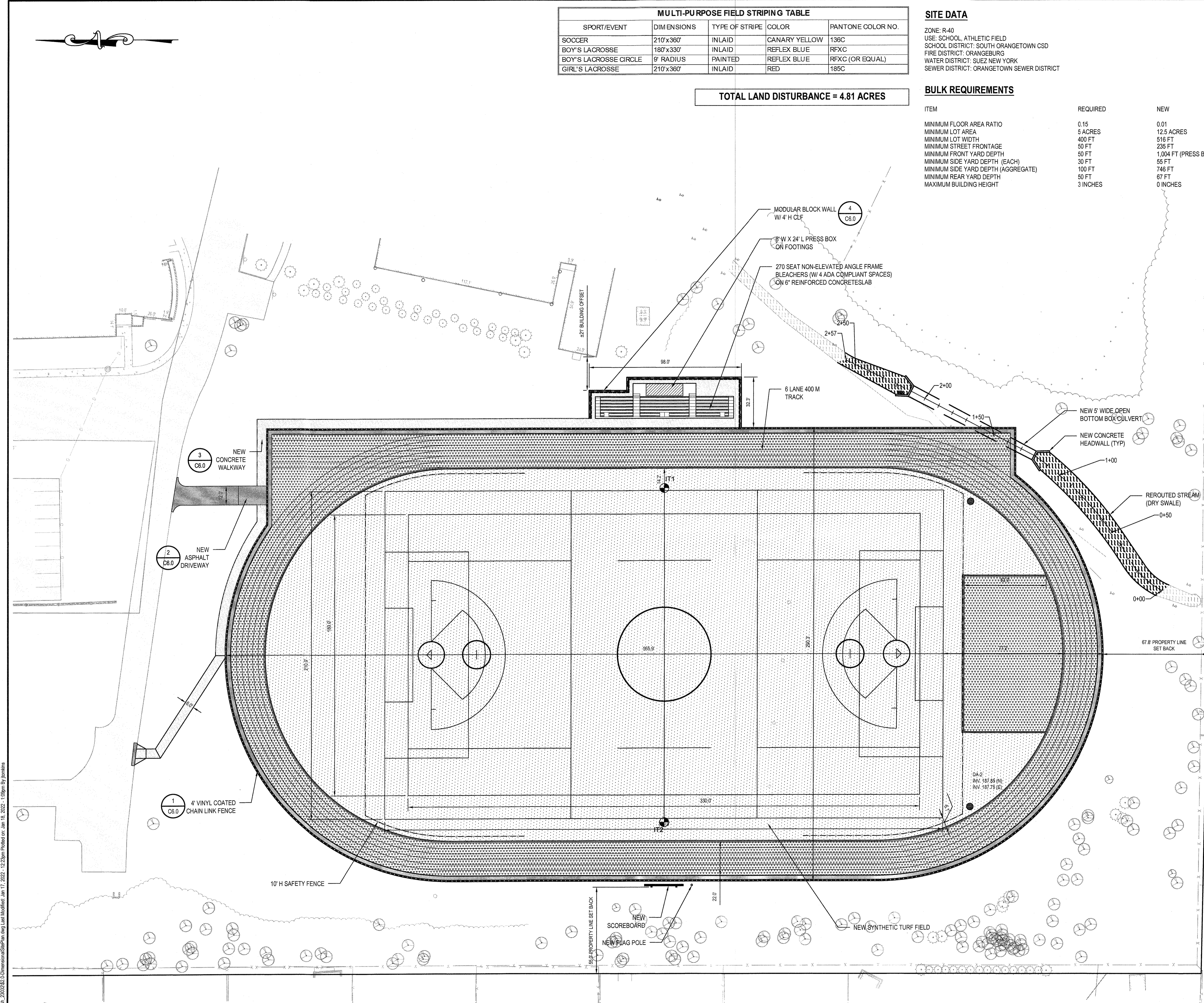
**DIMENSIONAL SITE PLAN**

**APPLICANT**

DOMINICAN COLLEGE  
 470 WESTERN HIGHWAY  
 ORANGETOWN, NY 10962  
 (845) 848-7814

DRAWING No: **C2.0**

SHEET No: **5**  
 OF **11**



C:\Users\h2m\appdata\local\temp\20230823\DimensionalSitePlan.dwg Last Modified: Jan 17, 2022 - 12:23pm Printed on: Jan 18, 2022 - 10:09am By: jmt

811 1-800-272-4480  
**Dig Safely. New York**  
**Call811**  
 before you dig  
 www.digsafelynewyork.com



STANDARD PLANT MATERIAL LIST					
KEY	BOTANICAL NAME	COMMON NAME	CAL.	MAT. HT.	REMARKS
SUN & SHADE MIX	<b>TREES</b>				
	Quercus alba	White Oak	2" - 3"	80' - 100'	
	Picea abies	Norway Spruce	2"	6' - 7'	
	<b>SEEDING</b>		<b>SEED MIX</b>		<b>SEEDING RATE</b>
	Poa pratensis	Kentucky Bluegrass (Min of 3 cultivars)			Seed at 5 lbs per 1,000 SF
	Festuca rubra variety	Creeping Red Fescue		15%	
	Lolium perenne	Perennial Rygrass		35%	
	Lolium	Annual Rygrass		15%	

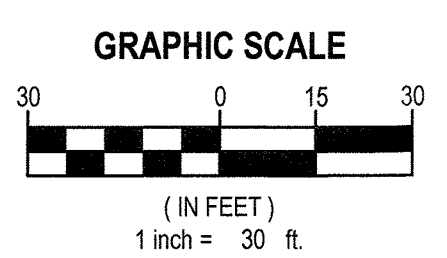
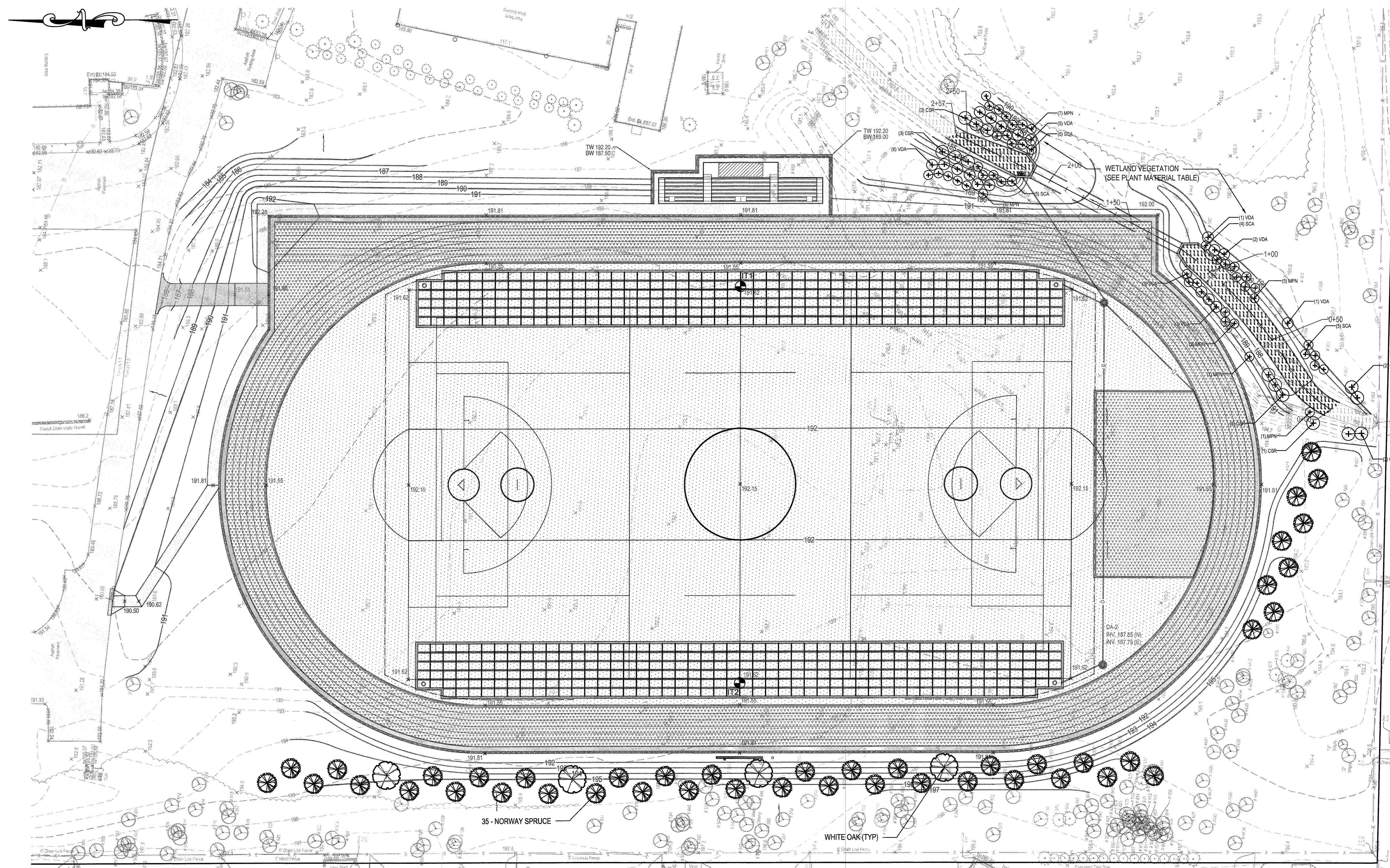
WETLAND PLANT MATERIAL LIST						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
		<b>SHRUBS</b>				
CSR	14	Cornus sericea	Red-osier Dogwood	#3 Cont.	Pot	All shrubs to be full and dense with the minimum number of canes for size requested in accordance with the latest edition of the American Standard for Nursery Stock. Spacing of shrubs shall be as shown on the plan or as noted. Plants listed from wet to dry, and should be placed from bottom of slope to top of slope.
SCA	22	Sambucus canadensis	Common Elderberry	#3 Cont.	Pot	
VDA	18	Viburnum dentatum	Arrowwood Viburnum	#5 Cont.	Pot	
MPN	23	Morella pensylvanica	Northern Bayberry	#3 Cont.	Pot	
		<b>SEEDING</b>		<b>SEED MIX PROPORTION BY WEIGHT</b>		<b>SEEDING RATE</b>
WETLAND MIX		Ernst Conservation Seeds		Riparian Buffer Mix		100% Seed at 20 lbs per acre

DESCRIPTION	SYMBOL
EXISTING DECIDUOUS TREE	
EXISTING EVERGREEN TREE	
NEW DECIDUOUS TREE	
NEW EVERGREEN TREE	
NEW DECIDUOUS SHRUB	

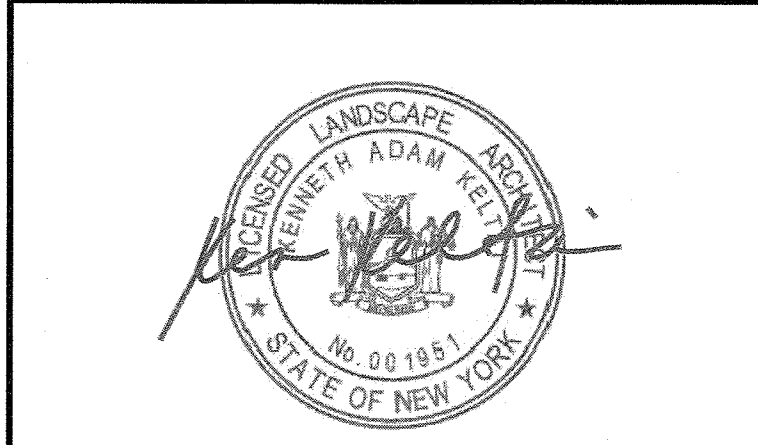
**PLANTING NOTES**

- ALL SUPPLIED AND INSTALLED PLANT MATERIAL SHALL BE NURSERY GROWN STOCK IN ACCORDANCE WITH THE LATEST EDITION OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1). PLANT MATERIAL SHALL BE OF THE APPROVED SPECIES AND GROWN UNDER THE SAME CLIMATIC CONDITIONS AS THE SUBJECT SITE. THEY SHALL BE OF SYMMETRICAL GROWTH, FREE OF INSECTS, PESTS, AND DISEASE. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
- CONFIRM THE LOCATION OF EXISTING SUBSURFACE UTILITIES WITH THE RESPECTIVE UTILITY COMPANIES AND COORDINATE WITH THE GRADING AND DRAINAGE PLAN OR UTILITY PLAN FOR THE LOCATION OF PROPOSED SUBSURFACE UTILITY LINES AND STRUCTURES PRIOR TO ANY EXCAVATION. NOTIFY THE LANDSCAPE ARCHITECT IF ANY CONFLICTS EXIST.
- NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY AND PRIOR TO THE INSTALLATION OF ANY PLANT MATERIALS IF SUB-GRADE SOIL CONDITIONS ARE DELETERIOUS TO PLANT GROWTH OR WILL INHIBIT DRAINAGE.
- IF ANY DISCREPANCY EXISTS BETWEEN THE PLANT COUNT SHOWN IN THE PLANT MATERIAL LIST AND THE PLANTING PLAN, THE PLAN SHALL TAKE PRECEDENCE.
- UNLESS OTHERWISE APPROVED IN WRITING, INSTALL VEGETATION DURING THE FOLLOWING PERIODS:
  - DECIDUOUS WOODY PLANTS: SEPTEMBER 15 TO MAY 15 WHENEVER TEMPERATURE IS ABOVE 40 DEGREES F.
  - EVERGREENS: AUGUST 15 TO SEPTEMBER 15 OR DURING APRIL AND MAY BEFORE THE START OF NEW GROWTH.
  - SEEDING: APRIL 1 TO MAY 15 AND SEPTEMBER 1 TO OCTOBER 15.
- PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THEY BORE TO THE EXISTING GRADE IN THE NURSERY.
- THE TRUNK DIAMETER OF DECIDUOUS TREES SHALL BE MEASURED IN ACCORDANCE WITH THE LATEST EDITION OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1) FOR THE CALIPER SIZE AS SHOWN IN THE PLANT MATERIAL LIST.
- ALL DECIDUOUS TREES SHALL BE BRANCHED NOT LOWER THAN SEVEN (7) FEET WITH AN AVERAGE HEIGHT AND SPREAD FOR THE PARTICULAR SIZE AND SPECIES SPECIFIED, IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.
- INSTALL A 2'-3" LAYER OF SHREDDED BARK MULCH IN ALL TREE PLANTING AREAS AND SHRUB BEDS. DO NOT PLACE MULCH DIRECTLY AGAINST TRUNKS OF TREES. FORM AN EARTH SAUCER AROUND EACH PLANT OR SHRUB BED SO AS TO HOLD WATER AND MULCH. PROVIDE SUFFICIENT IRRIGATION FOR ALL PLANT MATERIALS TO MAINTAIN HEALTHY AND VIGOROUS CONDITION UNTIL THE PROJECT IS ACCEPTED BY THE OWNER.
- ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER PLANTING FOLLOWING ACCEPTANCE BY THE OWNER. UPON COMPLETION OF THE ONE YEAR PLANT GUARANTEE PERIOD, REPLACE ALL PLANT MATERIAL DEEMED DEAD, DYING OR DISEASED AS DETERMINED BY THE LANDSCAPE ARCHITECT. REPLACE PLANT WITH THE SAME SPECIES AND SIZE IMMEDIATELY DURING THE CURRENT GROWING SEASON OR AT THE BEGINNING OF THE NEXT GROWING SEASON.
- UPON COMPLETION OF PLANTING OPERATION CULTIVATE AND NEATLY RAKE ALL PLANTING AREAS.
- RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH 4 INCHES OF TOPSOIL AND SEED. PROVIDE SUFFICIENT MULCH AND IRRIGATION TO ESTABLISH AND MAINTAIN A HEALTHY STAND OF GRASS UNTIL PROJECT IS ACCEPTED BY THE OWNER.

**TOTAL LAND DISTURBANCE = 4.81 ACRES**



MARK	DATE	DESCRIPTION
2	1/19/22	ACABOR SUBMISSION
1	1/14/22	TOWN COMMENTS



DESIGNED BY: MRM	DRAWN BY: JMT	CHECKED BY: MRM	REVIEWED BY:
PROJECT NO: LGTR 2001	DATE: AUG. 30, 2021	SCALE: AS SHOWN	

**DOMINICAN COLLEGE**

**ATHLETIC COMPLEX SYNTHETIC TURF FIELD**

**DOMINICAN COLLEGE**

**470 WESTERN HIGHWAY  
ORANGEBURG, NEW YORK  
10962**

**SEC. 74.06, BLOCK 3, P/O  
LOTS 1.1 & 1.3**

CONTRACT  
**ALL CONTRACTS**

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**LANDSCAPE PLAN**

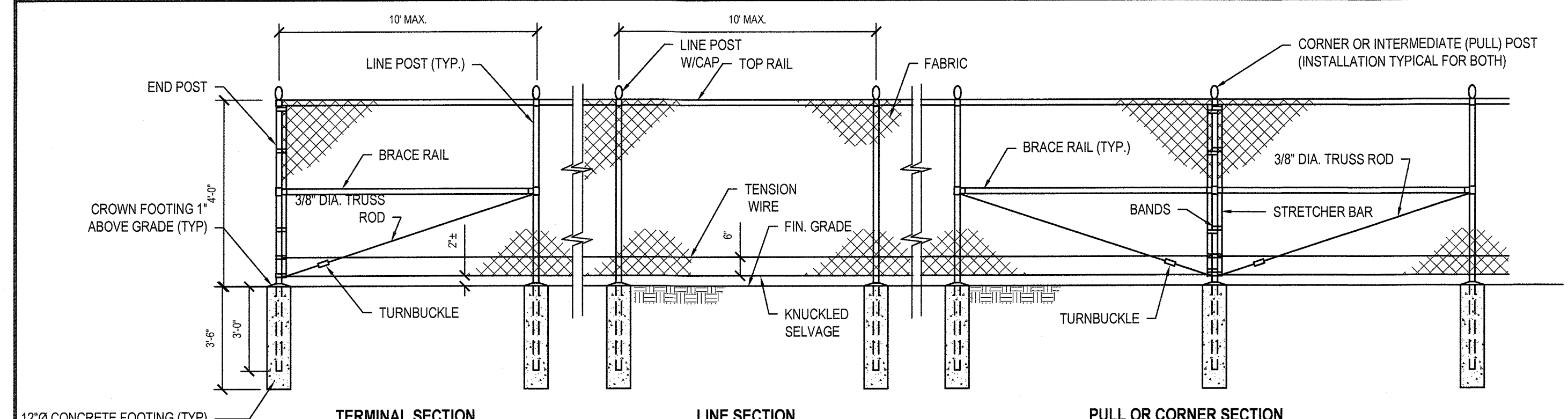
APPLICANT  
DOMINICAN COLLEGE  
470 WESTERN HIGHWAY  
ORANGEBURG, NY 10962  
(845) 848-7814

DRAWING NO:  
**C4.0**

SHEET NO:  
**8**  
OF 11

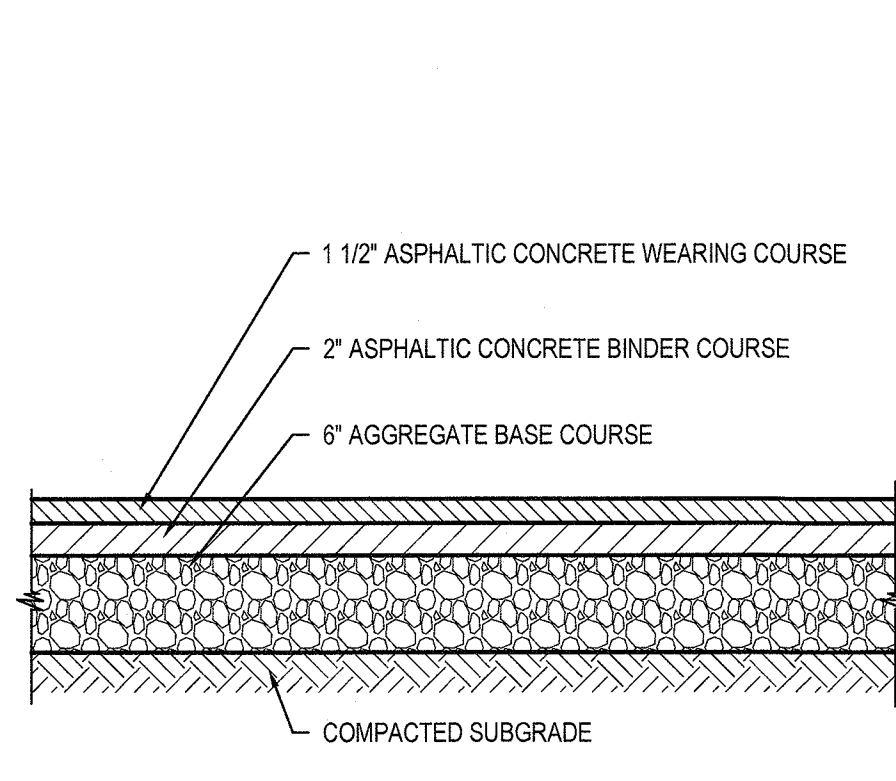
C:\Users\jordan\appdata\local\temp\AutoCAD\_153048.D\DrawingPlan.dwg Last Modified: Jan 18, 2022, 3:47 pm Plotted on: Jan 19, 2022, 10:06am By jordan





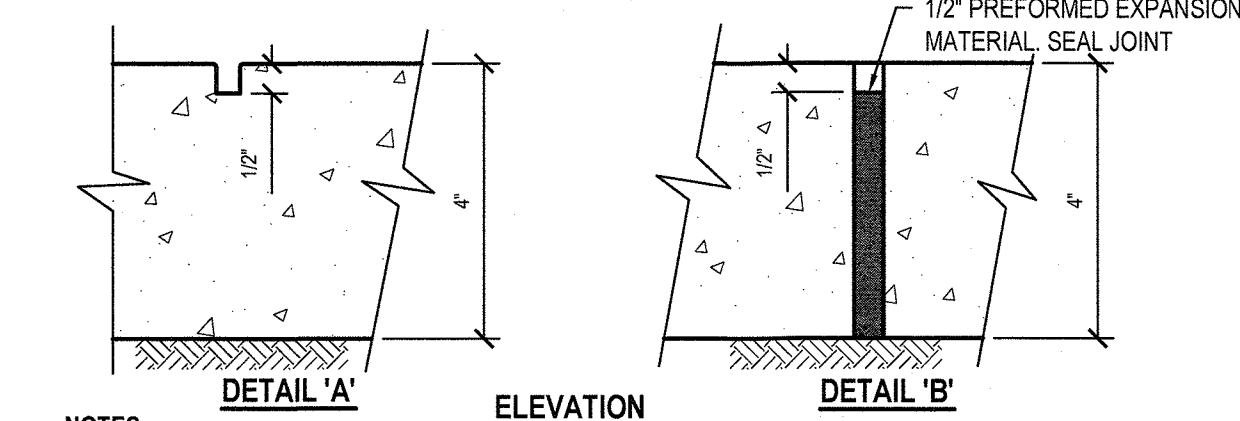
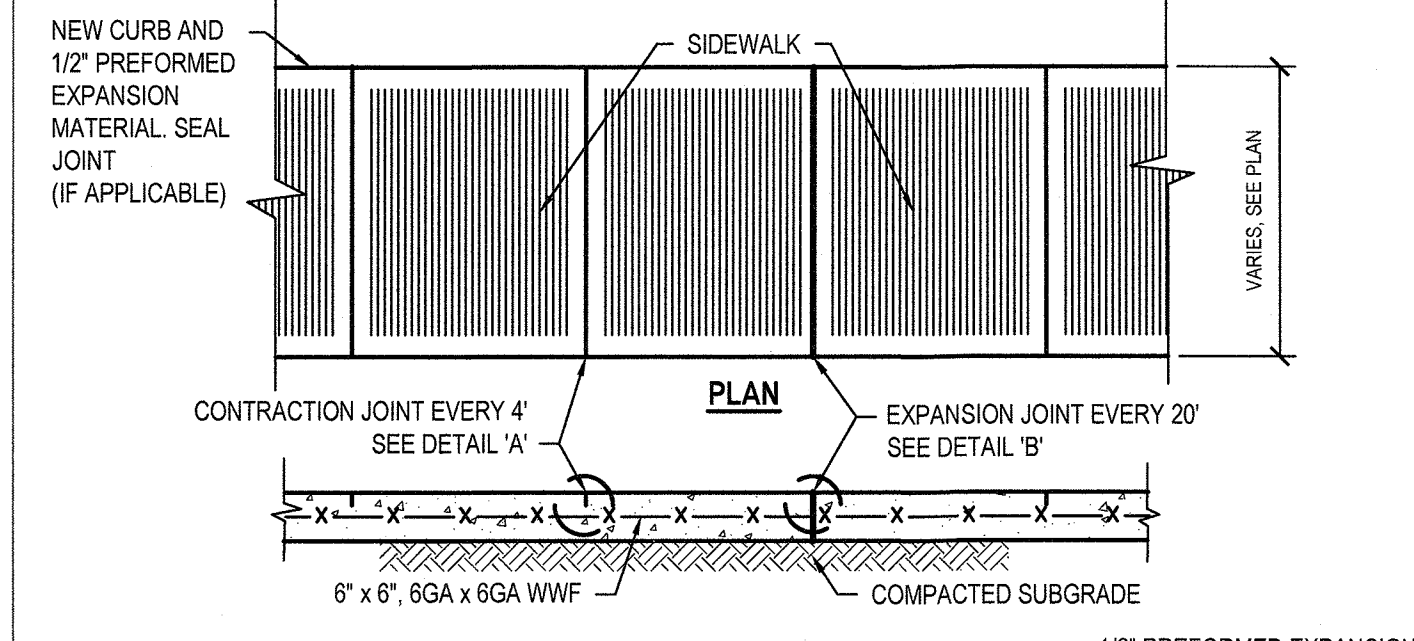
- NOTES:**
- FABRIC: ASTM A392, 2' MESH, 9 GAUGE STEEL CORE CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F688 CLASS 2B.
  - TOP AND BRACE RAILS: ASTM F1043 1.68" O.D. (1.84 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
  - LINE POSTS: ASTM F1043 1.9" O.D. (2.28 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
  - END, CORNER & PULL POSTS: ASTM F1043 2.375" O.D. (3.12 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
  - FITTINGS AND ACCESSORIES: ASTM F628 MALLEABLE OR PRESSED STEEL. HOT DIPPED GALVANIZED TO 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
  - BOTTOM TENSION WIRE: ASTM A624 NO. 7 GAUGE STEEL-MARCELLED WIRE, ZINC COATED TO 0.4 OZ/SF WITH 7-12 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1864.
  - VINYL COATING COLOR: TO BE SELECTED BY OWNER.
  - CONCRETE TO ACHIEVED 4000 PSI STRENGTH AT 28 DAYS.

**1 Chain Link Fence - Vinyl Coated - 4' Height**  
SCALE: NTS (323113.15 H2MX1)



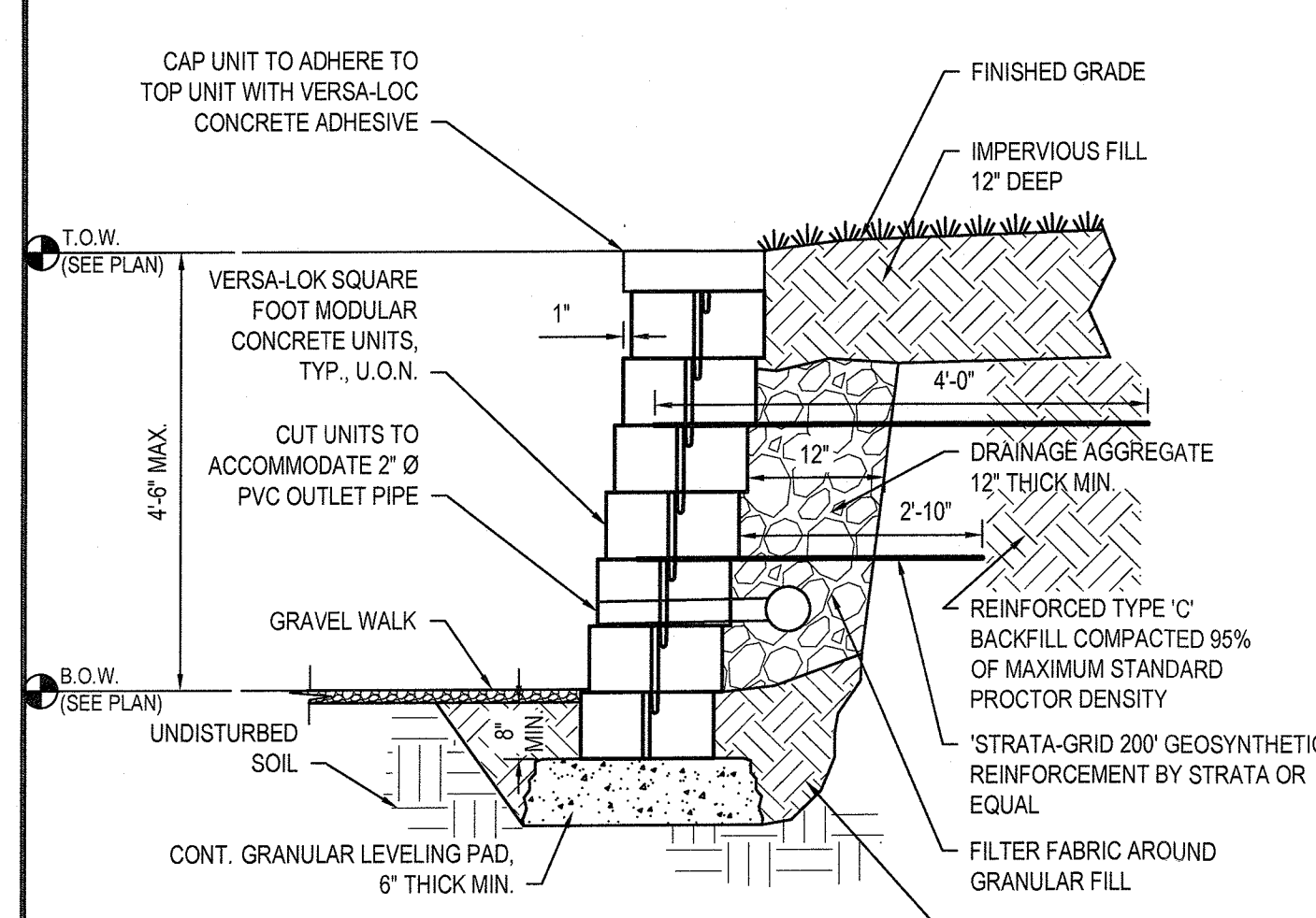
**NOTE:**  
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

**2 Asphalt Pavement - Standard Duty**  
SCALE: NTS (321216.13 H2MX1) - U



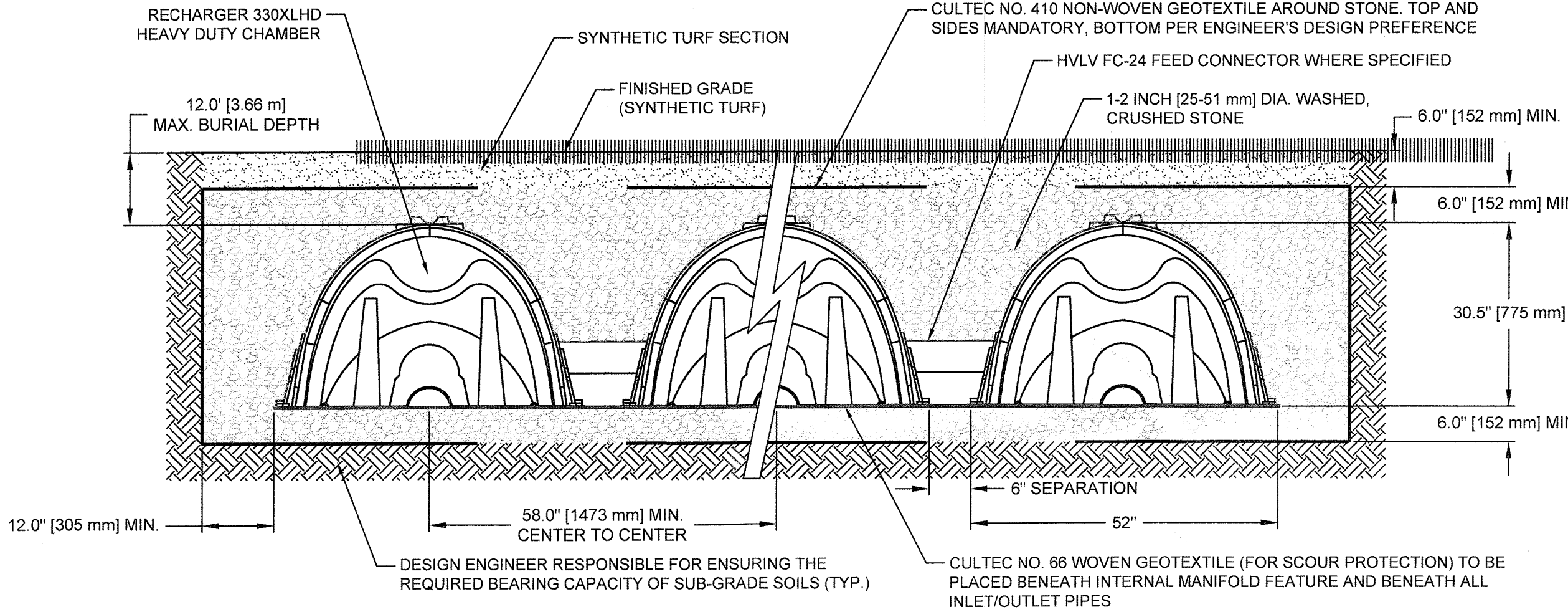
- NOTES:**
- CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
  - COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
  - APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.

**3 Concrete Sidewalk**  
SCALE: NTS (321313.33 H2MX1) - U



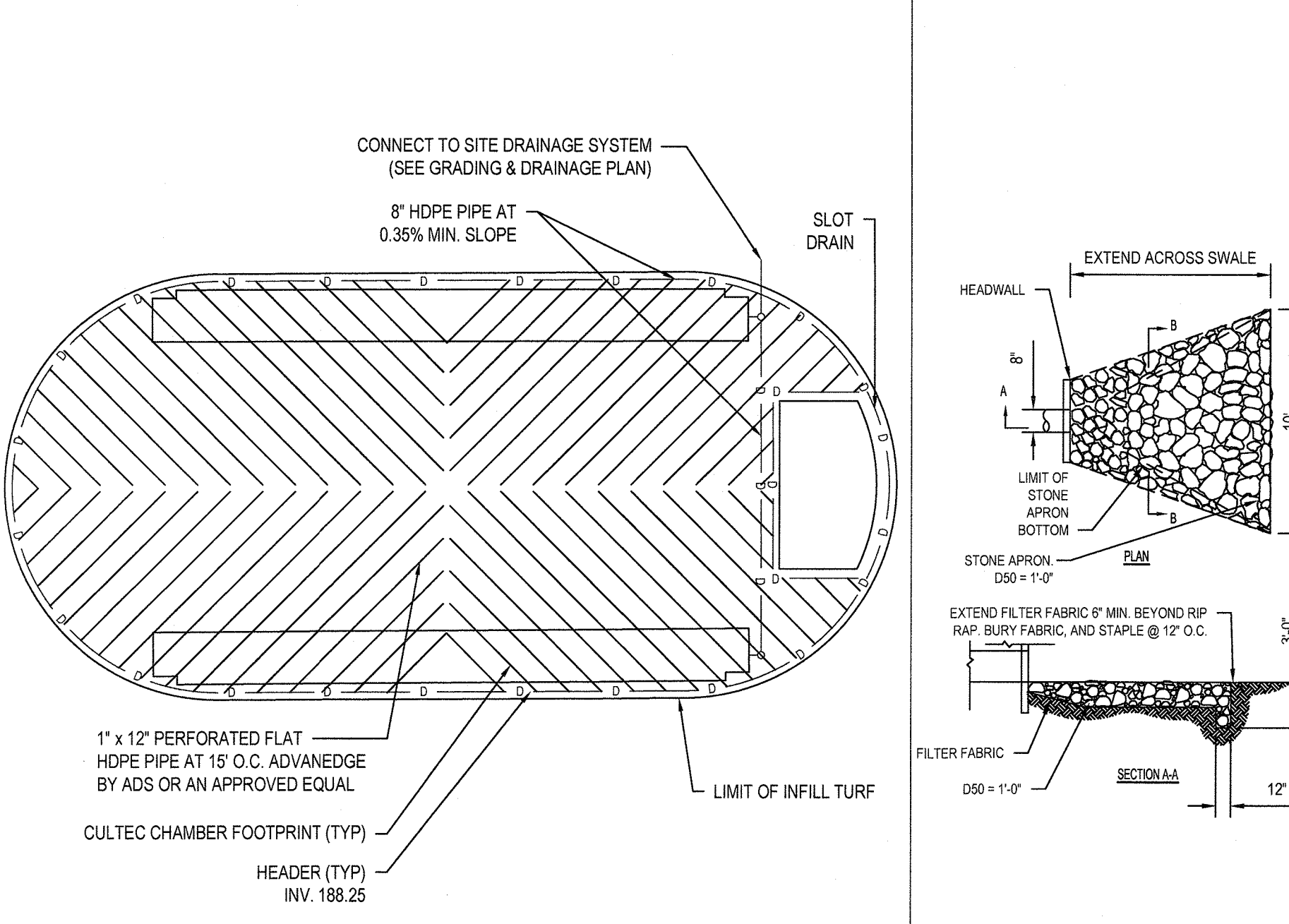
- NOTES:**
- WALLS LESS THAN 2'-0" IN HEIGHT DO NOT REQUIRE GEOSYNTHETIC REINFORCEMENT.
  - DESIGN SHOWN IS BASED ON VERSA-LOK SQUARE FOOT MODULAR UNITS. IF SUBSTITUTION IS DESIRED, CONTRACTOR SHALL SUBMIT PRODUCT DATA WITH CALCULATIONS SIGNED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF NEW YORK.

**4 Retaining Wall Section**  
NTS



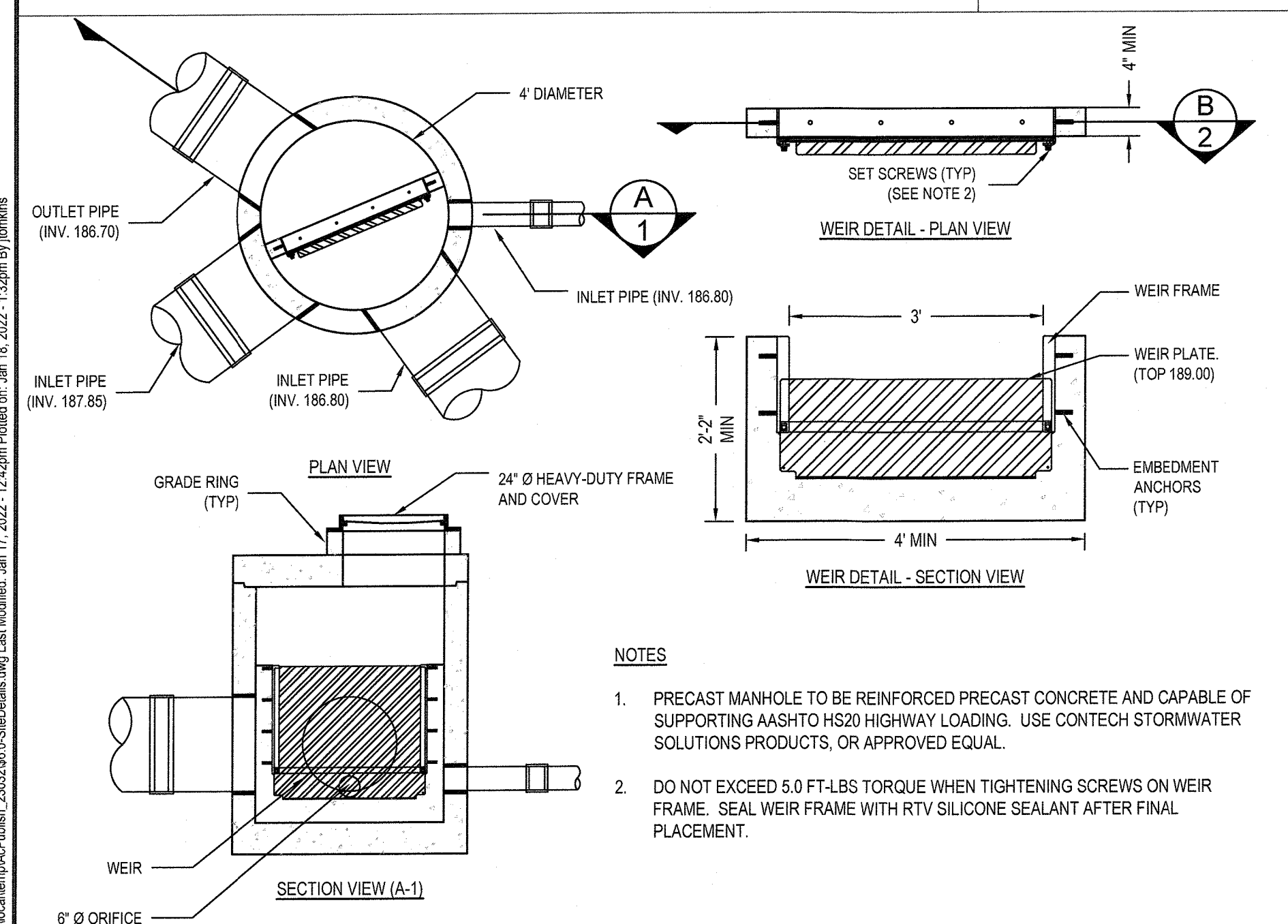
- NOTES:**
- LINEAR LEACHING CHAMBERS SHALL BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS. UTILIZE CULTEC PRODUCTS, OR APPROVED EQUAL.
  - LINEAR LEACHING CHAMBER EXCAVATION SHALL EXTEND DOWN TO VIRGIN STRATA OF CLEAN SAND, OR SAND AND GRAVEL. ALL UNSUITABLE SOIL ENCOUNTERED BELOW THE BOTTOM ELEVATION OF THE PROPOSED CHAMBERS SHALL BE REMOVED AND REPLACED WITH 3/4" GRAVEL. ONLY THE FIRST 6" OF GRAVEL FILL BELOW THE LEACHING CHAMBERS SHALL BE CREDITED TOWARD ACCUMULATED STORAGE.
  - FILTER FABRIC TO BE INSTALLED BETWEEN SAND AND GRAVEL LAYER AND ALONG SIDES OF TRENCH
  - PIPE INVERT ELEVATION = 188.00

**5 Linear Leaching Chamber**  
NTS



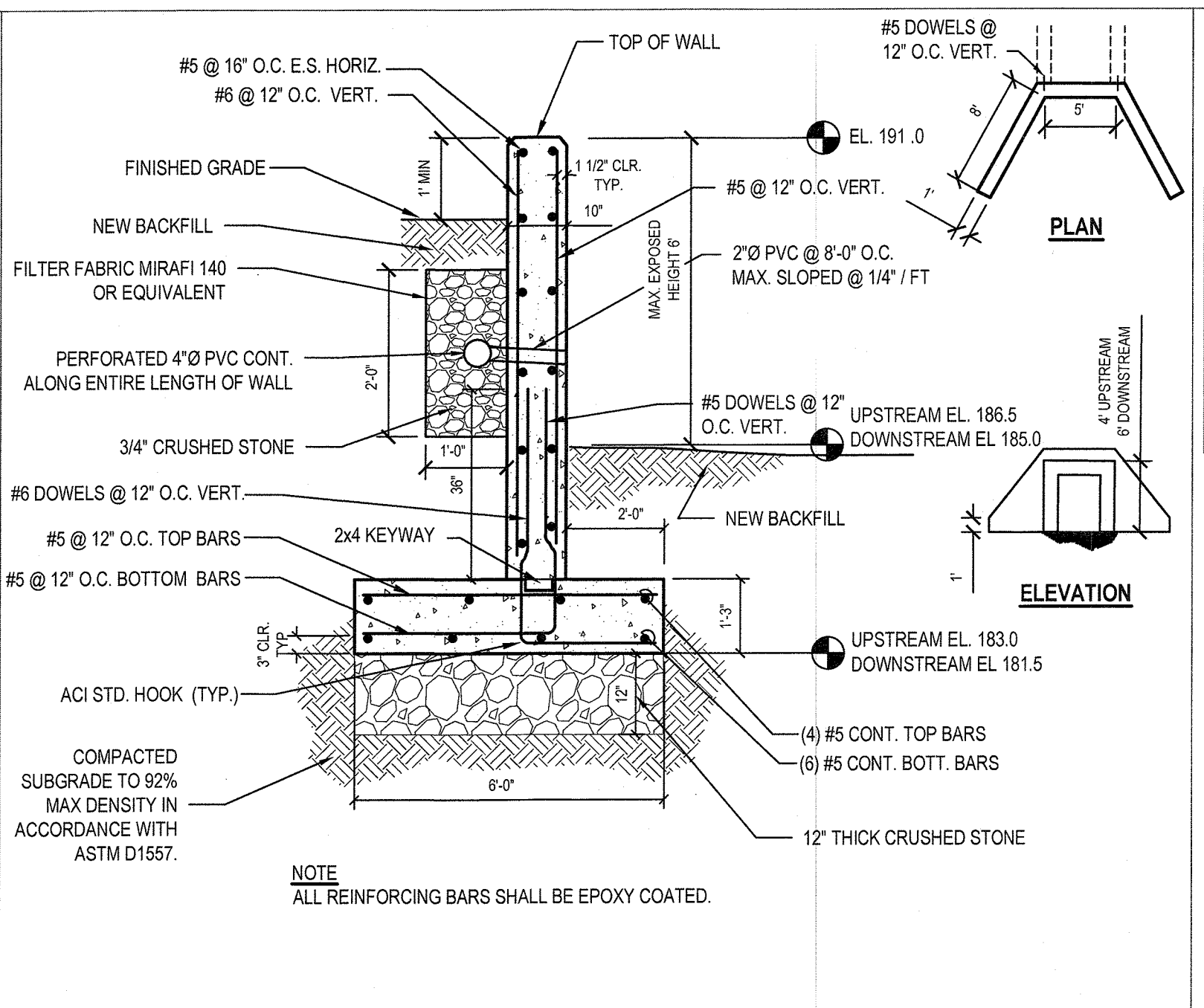
**6 Field Underdrain System Layout**  
NTS (34689.00 H2MX1)

**7 Rip Rap Apron**  
NTS



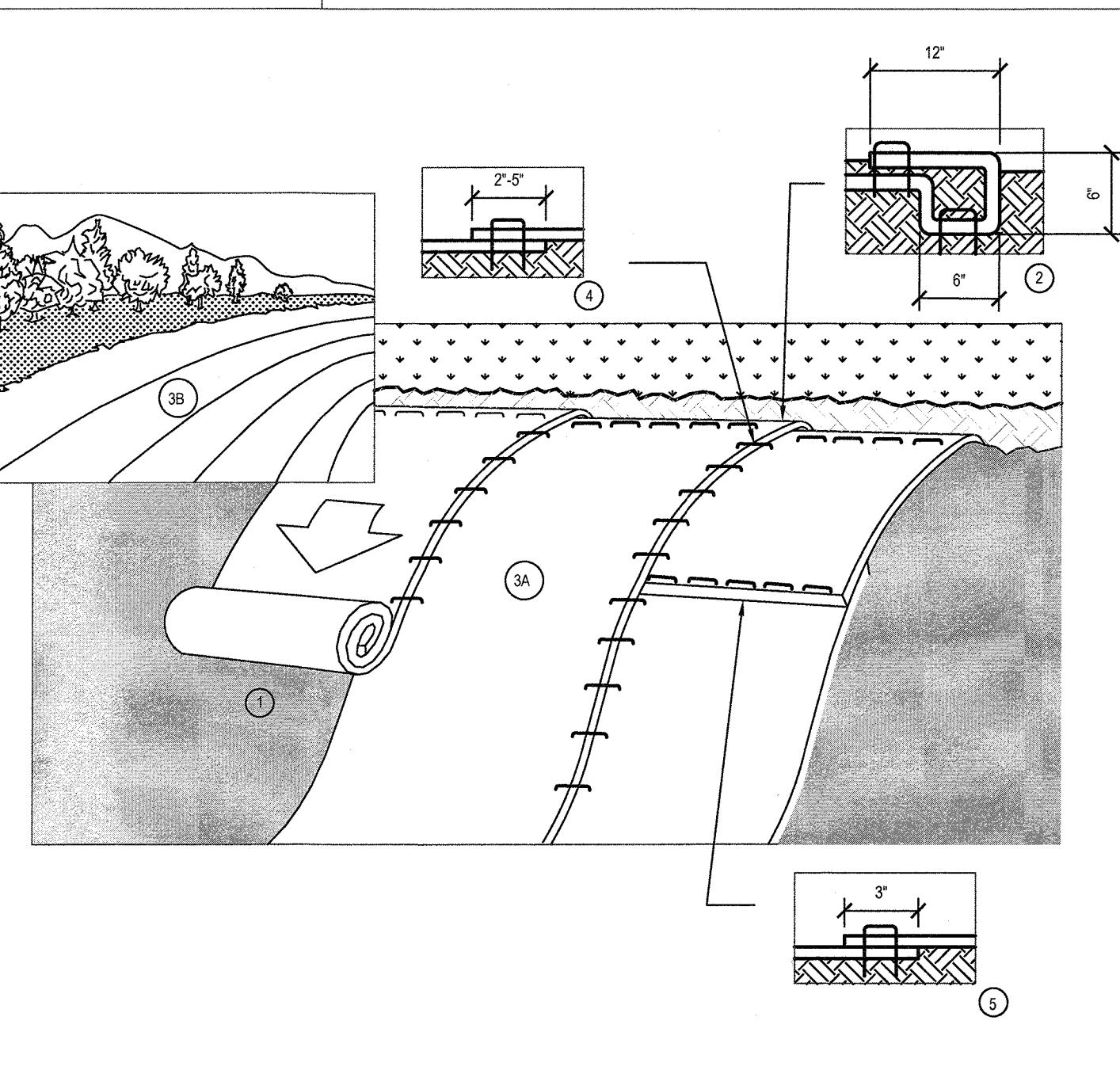
- NOTES:**
- PRECAST MANHOLE TO BE REINFORCED PRECAST CONCRETE AND CAPABLE OF SUPPORTING AASHTO HS20 HIGHWAY LOADING. USE CONTECH STORMWATER SOLUTIONS PRODUCTS, OR APPROVED EQUAL.
  - DO NOT EXCEED 5.0 FT-LBS TORQUE WHEN TIGHTENING SCREWS ON WEIR FRAME. SEAL WEIR FRAME WITH RTV SILICONE SEALANT AFTER FINAL PLACEMENT.

**8 Drainage Manhole with Internal Weir**  
NTS



**NOTE:**  
ALL REINFORCING BARS SHALL BE EPOXY COATED.

**9 Concrete Headwall Section**  
NTS

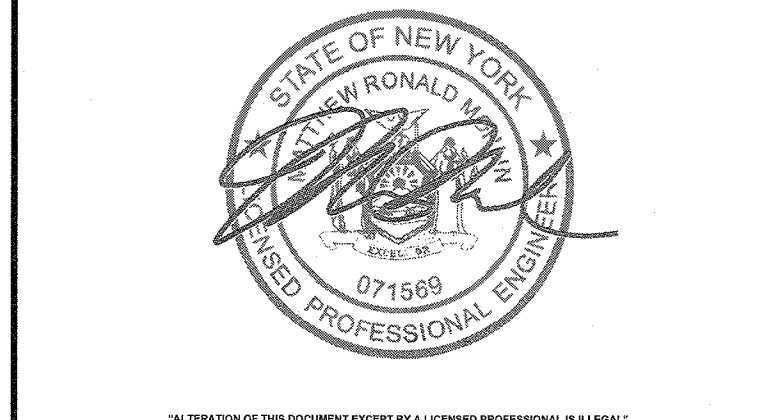


- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL.
- SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES TM IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2'-5" (5cm-12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING TM INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET. 5 CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP.
- STAPLE THROUGH OVERLAPPED AREA APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

**10 Erosion Control Blankets**  
NTS

538 Broad Hollow Road, 4th Floor East  
Melville, NY 11747  
631.756.8000 • www.h2m.com

MARK	DATE	DESCRIPTION
2	1/19/22	ACABOR SUBMISSION
1	1/14/22	TOWN COMMENTS



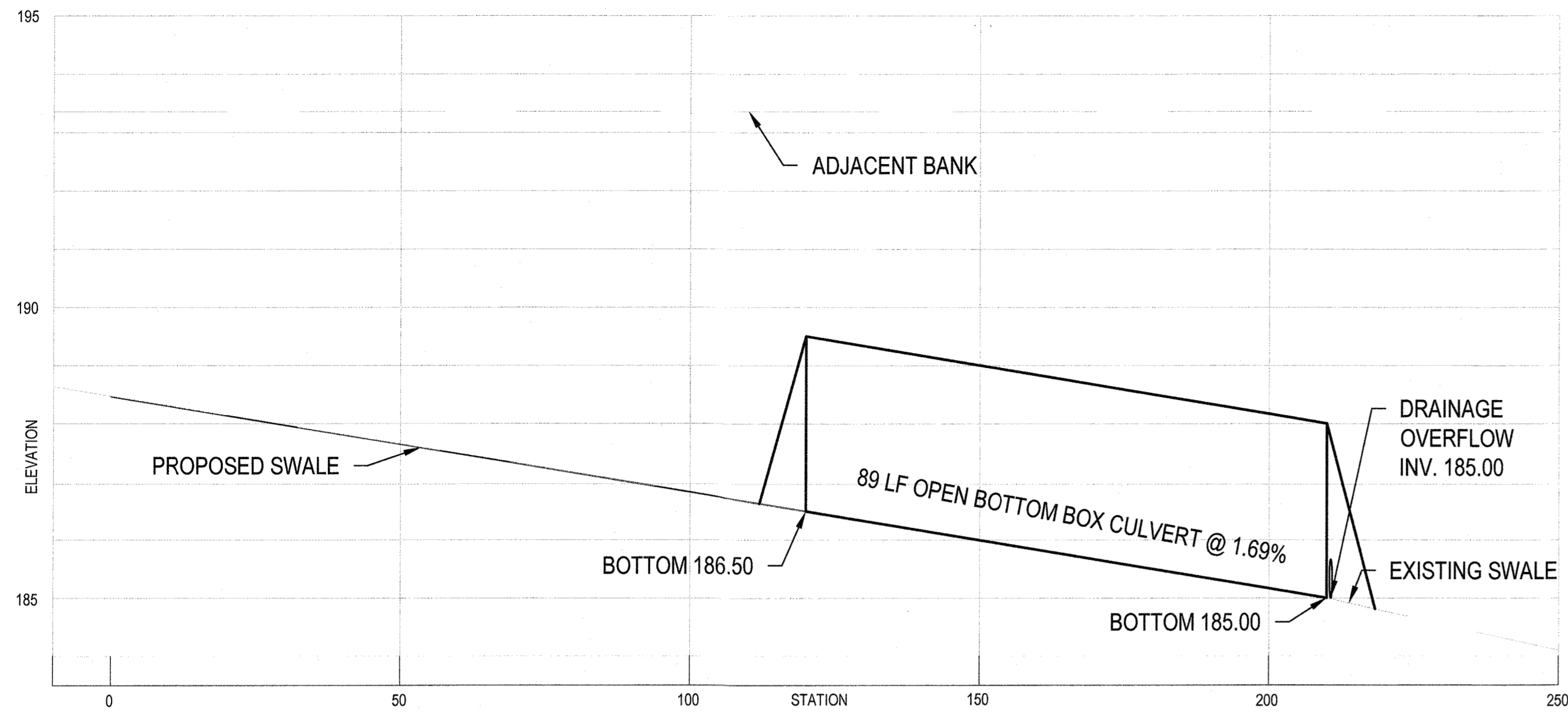
DESIGNED BY: MRM	DRAWN BY: JMT	CHECKED BY: MRM	REVIEWED BY:
PROJECT NO: LGTR 2001	DATE: AUG. 30, 2021	SCALE: AS SHOWN	

**DOMINICAN COLLEGE**  
ATHLETIC COMPLEX  
SYNTHETIC TURF FIELD

**DOMINICAN COLLEGE**  
470 WESTERN HIGHWAY  
ORANGEBURG, NEW YORK  
10962  
SEC. 74.06, BLOCK 3, P/O  
LOTS 1.1 & 1.3

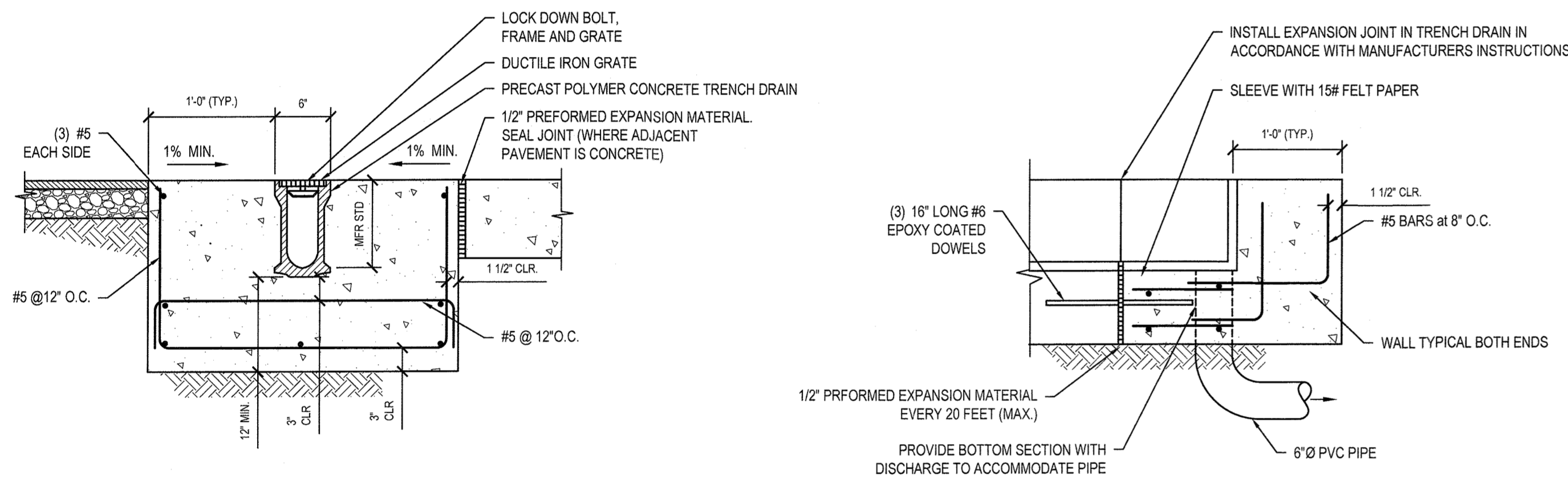
CONTRACT: ALL CONTRACTS  
STATUS: REGULATORY REVIEW  
SHEET TITLE: SITE DETAILS





**Culvert Profile**

SCALE:  
HORIZONTAL = 1" = 20'  
VERTICAL = 1" = 2'



**SECTION**

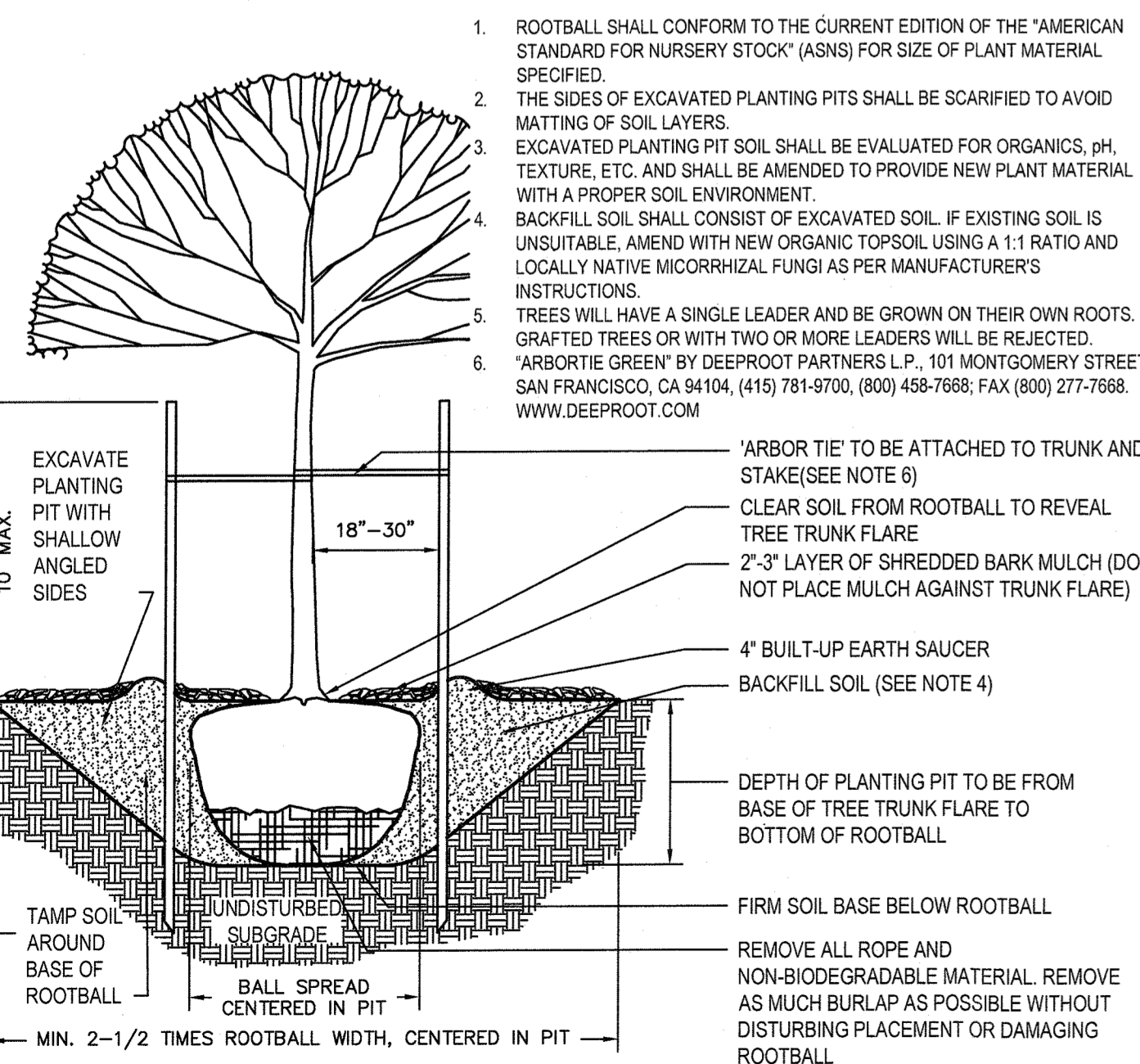
**NOTES:**

1. SLOPE INVERT OF TRENCH DRAIN TOWARDS PIPE OUTLET.
2. PROVIDE END SECTION AT UPSTREAM END OF TRENCH DRAIN.
3. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS.
4. COMPACT SUBGRADE TO 95% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

**ELEVATION**

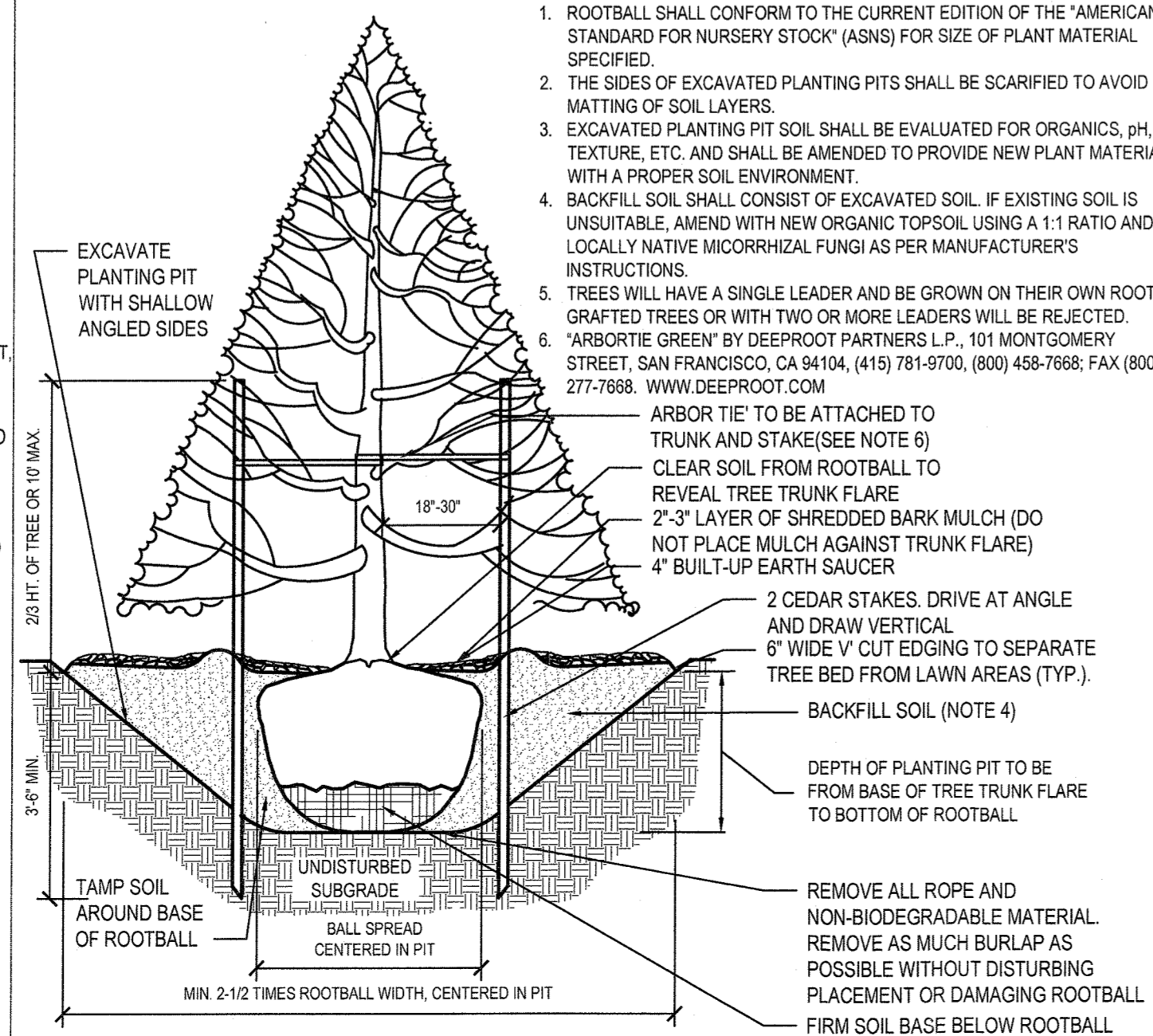
**1 Trench Drain - Polymer Concrete**

SCALE: NTS (33416.00 H2M X1)



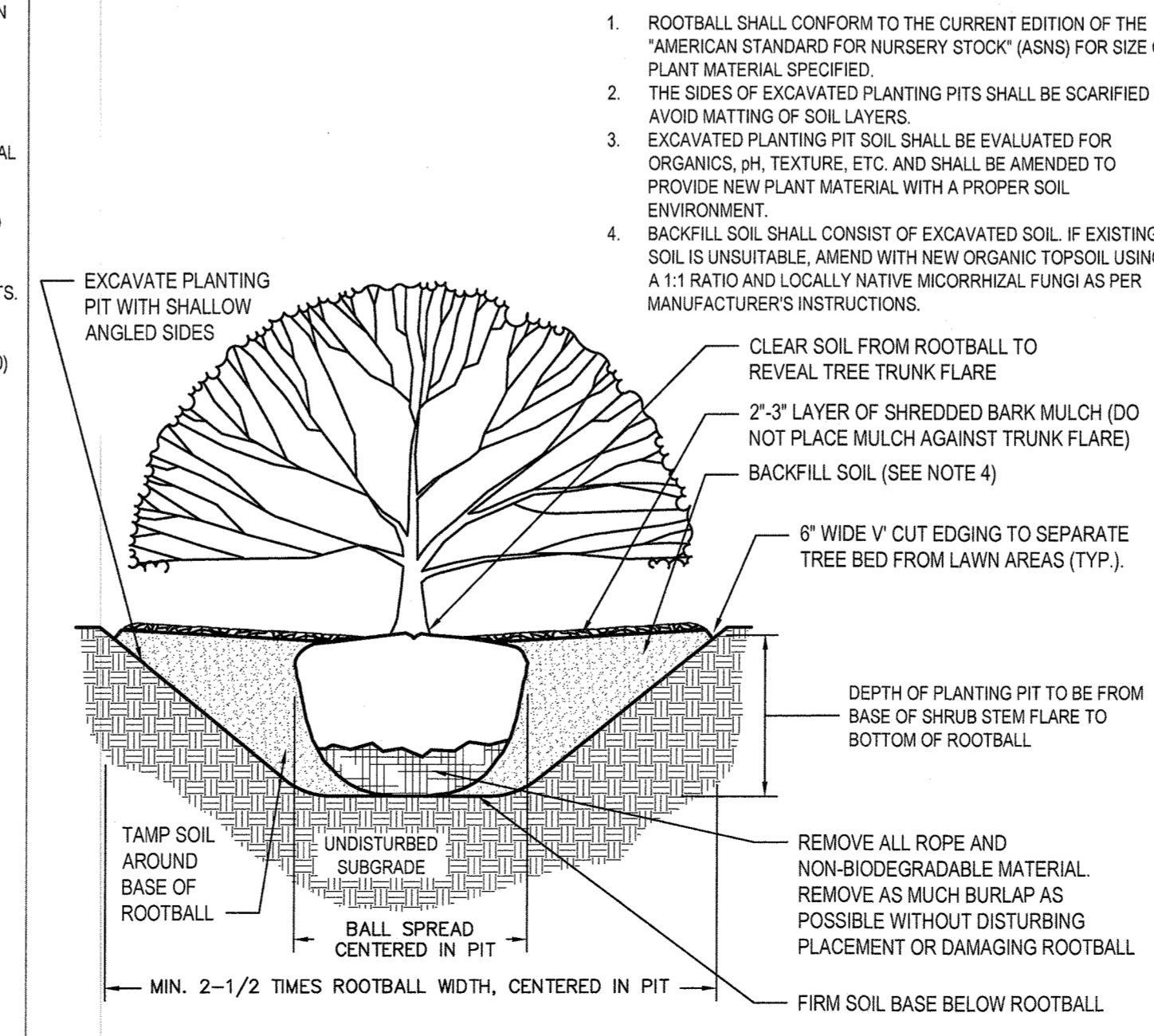
**2 Deciduous Tree Planting with Stakes**

SCALE: NTS (329343.00 H2M X2)



**3 Evergreen Tree Planting with Stakes**

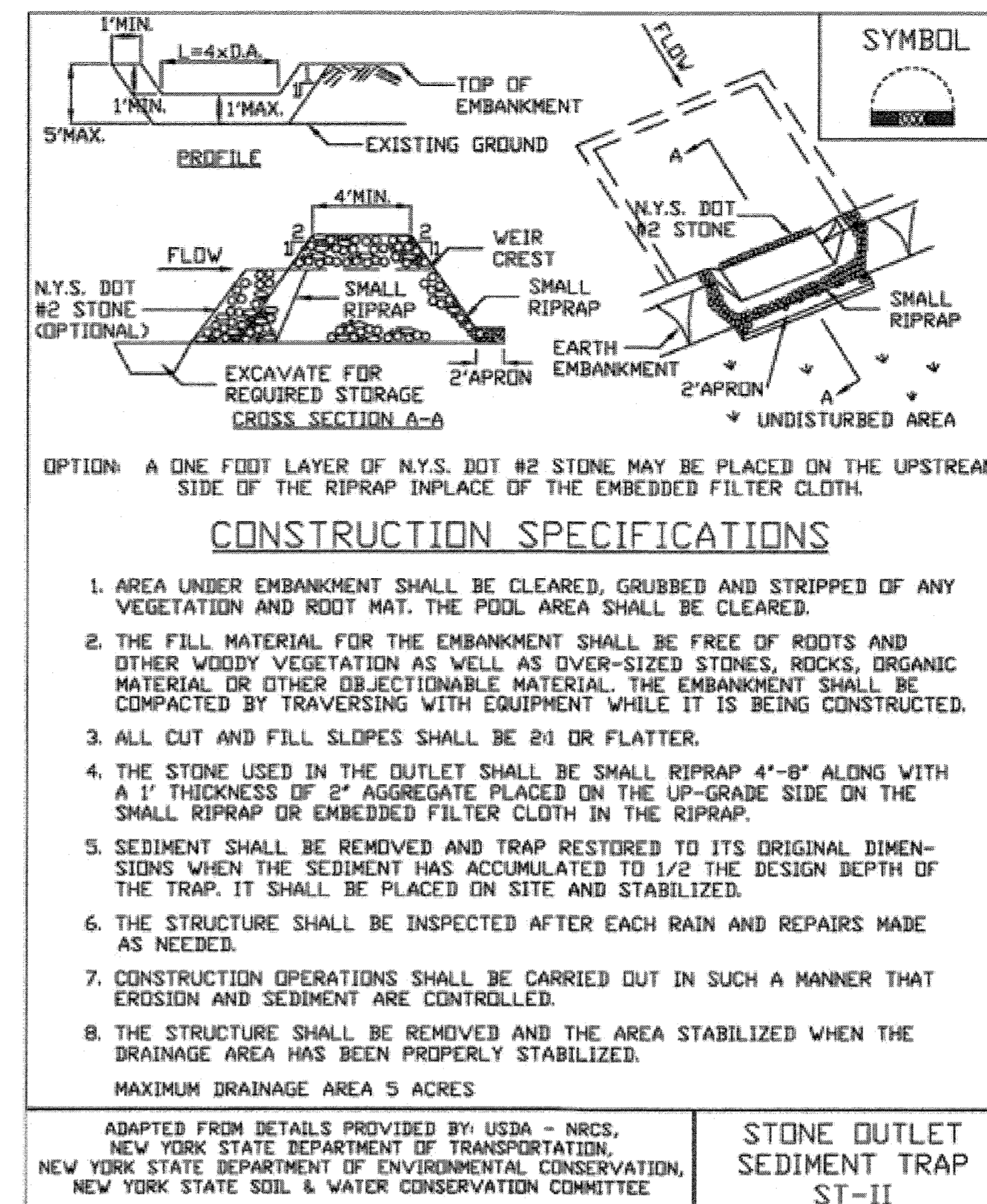
SCALE: NTS (329343.00 H2M X3)



**4 Shrub Planting**

SCALE: NTS (329333.00 H2M X1)

**Figure 5.27  
Stone Outlet Sediment Trap: ST-II**



**CONSTRUCTION SPECIFICATIONS**

1. AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
4. THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-8" ALONG WITH A 1" THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
5. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. IT SHALL BE PLACED ON SITE AND STABILIZED.
6. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
7. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND SEDIMENT ARE CONTROLLED.
8. THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

ADAPTED FROM DETAILS PROVIDED BY USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

**STONE OUTLET SEDIMENT TRAP ST-II**

New York State Standards and Specifications Page 5.51 November 2016 For Erosion and Sediment Control

**SEDIMENT TRAP NOTES:**

1. TRAP TO BE STONE OUTLET SEDIMENT TRAP, CONSTRUCTED PER NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
2. TRAP SIZING: 4.81 AC x 3,600 CF/AC = 17,316 CF. OUTLET LENGTH 20 FT. TRAP DEPTH 4 FT.
3. MAINTENANCE AND SPECIFICATIONS CAN BE FOUND IN APPENDIX J OF THE SWPPP.

538 Broad Hollow Road, 4th Floor East  
Melville, NY 11747  
631.756.8000 • www.h2m.com

MARK	DATE	DESCRIPTION
2	1/19/22	ACABOR SUBMISSION
1	1/14/22	TOWN COMMENTS



DESIGNED BY: MRM	DRAWN BY: JMT	CHECKED BY: MRM	REVIEWED BY:
PROJECT NO: LGTR 2001	DATE: AUG. 30, 2021	SCALE: AS SHOWN	

CLIENT

**DOMINICAN COLLEGE**

**ATHLETIC COMPLEX SYNTHETIC TURF FIELD**



470 WESTERN HIGHWAY  
ORANGEBURG, NEW YORK 10962  
SEC. 74.06, BLOCK 3, P/O LOTS 1.1 & 1.3

**ALL CONTRACTS**

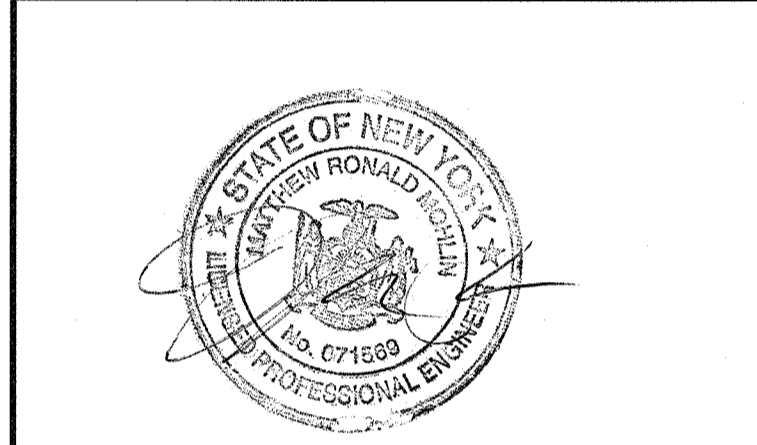
**REGULATORY REVIEW**

**CULVERT PROFILE / STONE OUTLET SEDIMENT TRAP DETAIL**

APPLICANT  
DOMINICAN COLLEGE  
470 WESTERN HIGHWAY  
ORANGEBURG, NY 10962  
(845) 848-7814



MARK	DATE	DESCRIPTION
2	1/19/22	ACABOR SUBMISSION
1	1/14/22	TOWN COMMENTS



DESIGNED BY: MRM	DRAWN BY: JMT	CHECKED BY: MRM	REVIEWED BY:
PROJECT NO: LGTR 2001	DATE: AUG. 30, 2021	SCALE: AS SHOWN	

CLIENT

**DOMINICAN COLLEGE**

**ATHLETIC COMPLEX  
SYNTHETIC TURF FIELD**

**DOMINICAN COLLEGE**

470 WESTERN HIGHWAY  
ORANGEBURG, NEW YORK  
10962

SEC. 74.06, BLOCK 3, P/O  
LOTS 1.1 & 1.3

CONTRACT

**SINGLE CONTRACT**

STATUS

**REGULATORY REVIEW**

SHEET TITLE

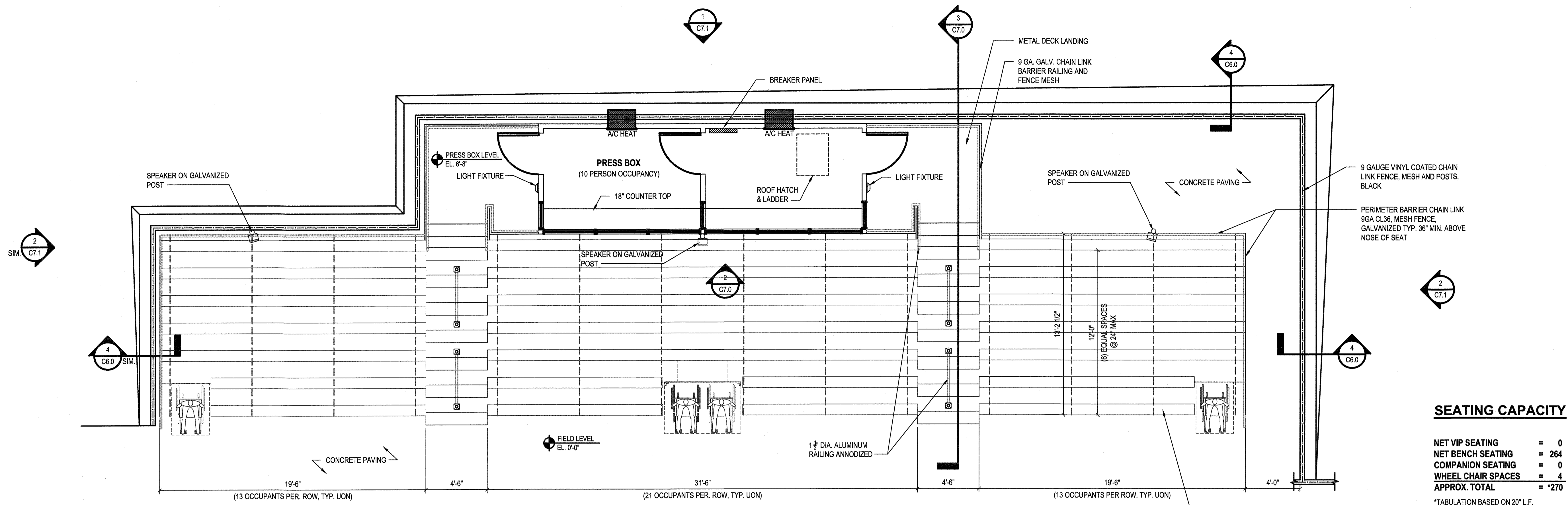
**BLEACHER SITE PLAN, SECTION,  
AND ELEVATIONS**

APPLICANT

DOMINICAN COLLEGE  
470 WESTERN HIGHWAY  
ORANGEBURG, NY 10962  
(845) 848-7814

DRAWING NO. **C7.0**

SHEET NO. **11**  
OF **11**



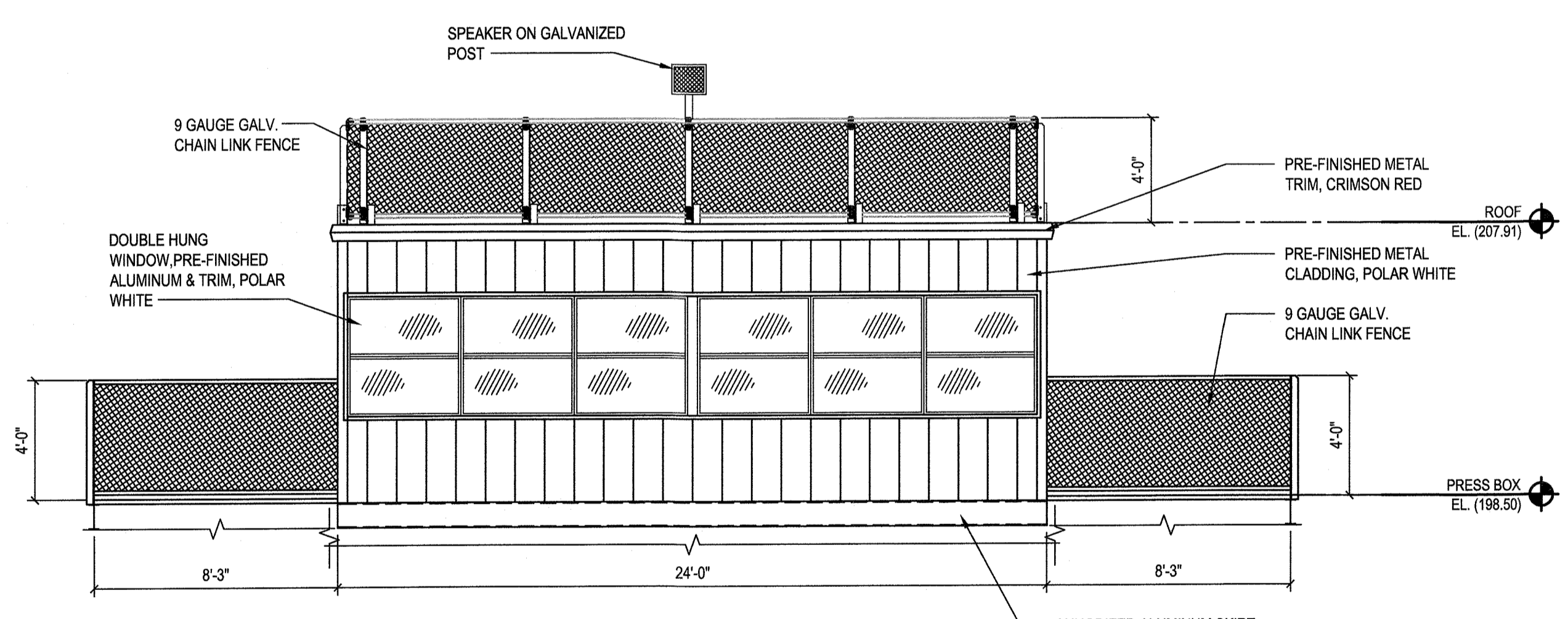
**SEATING CAPACITY**

NET VIP SEATING	=	0
NET BENCH SEATING	=	264
COMPANION SEATING	=	0
WHEEL CHAIR SPACES	=	4
<b>APPROX. TOTAL</b>	=	<b>*270</b>

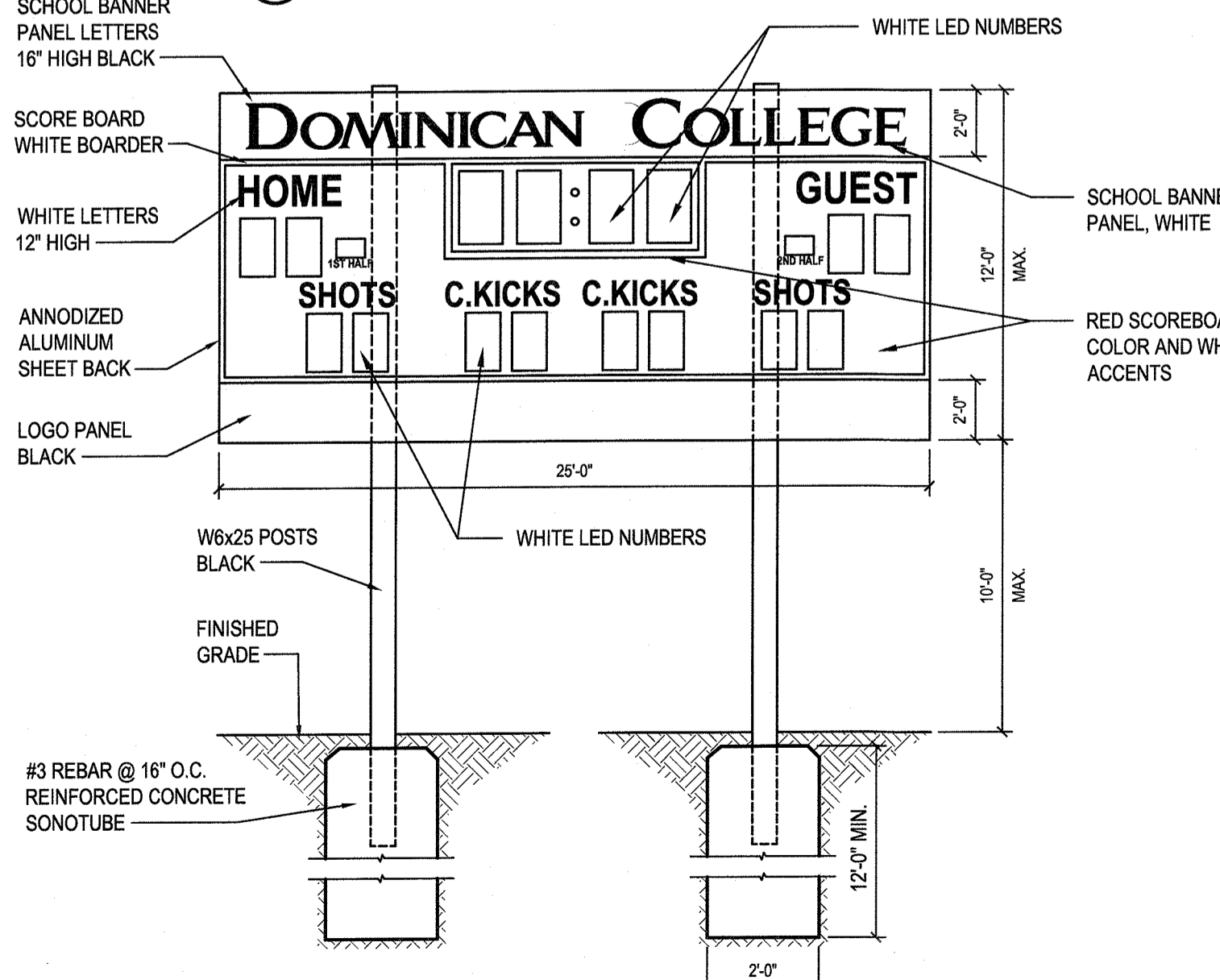
\*TABULATION BASED ON 20" L.F. OF BENCH PER OCCUPANT

**1 Bleacher Plan**  
SCALE: 1/4"=1'-0"

NOTE: ALL SEATING RISERS & SUPPORTS ARE MILL FINISH (ANNODIZED XXX TYP.)



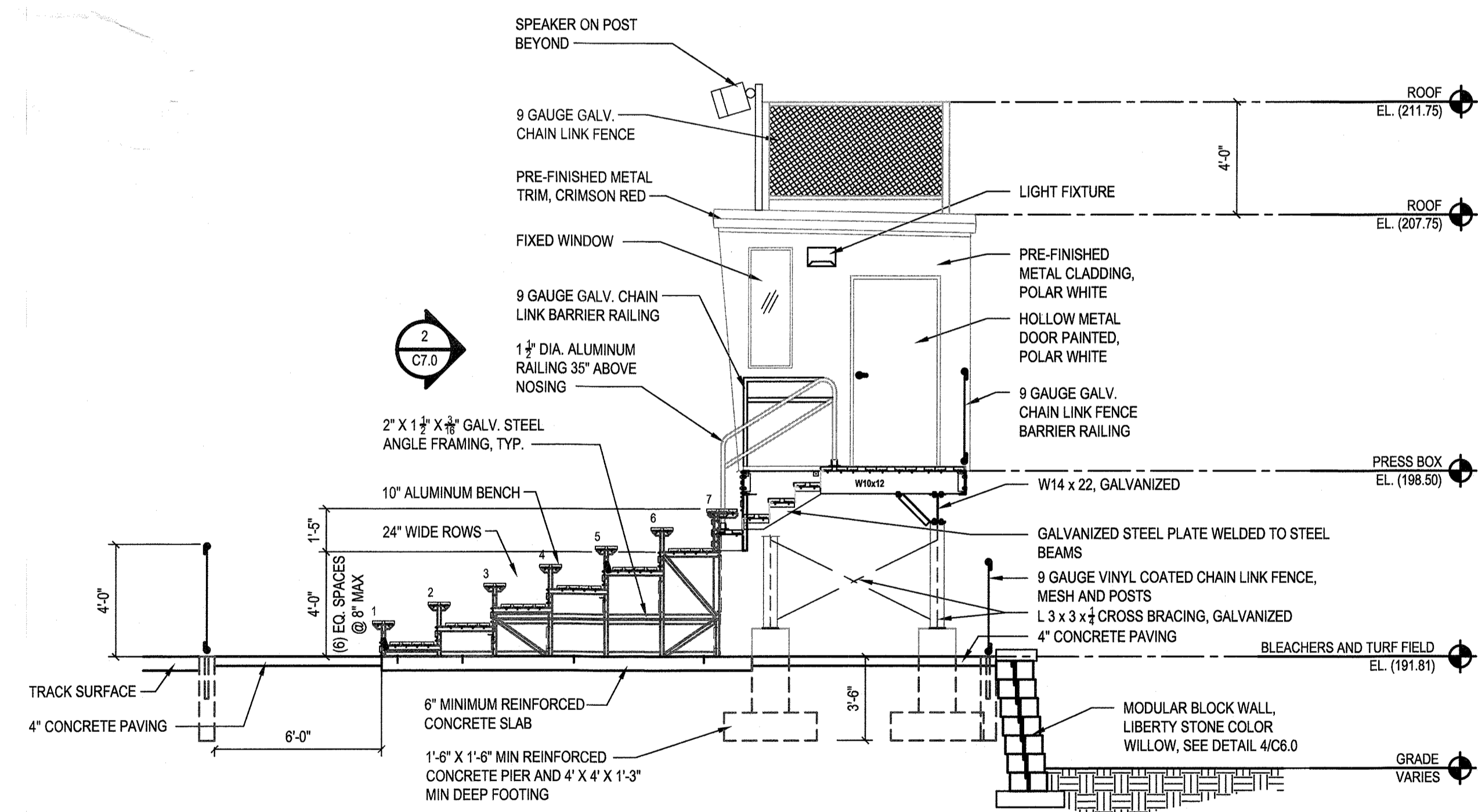
**2 Press Box Elevation**  
SCALE: 1/4"=1'-0"



**4 Scoreboard Elevation**  
SCALE: NTS

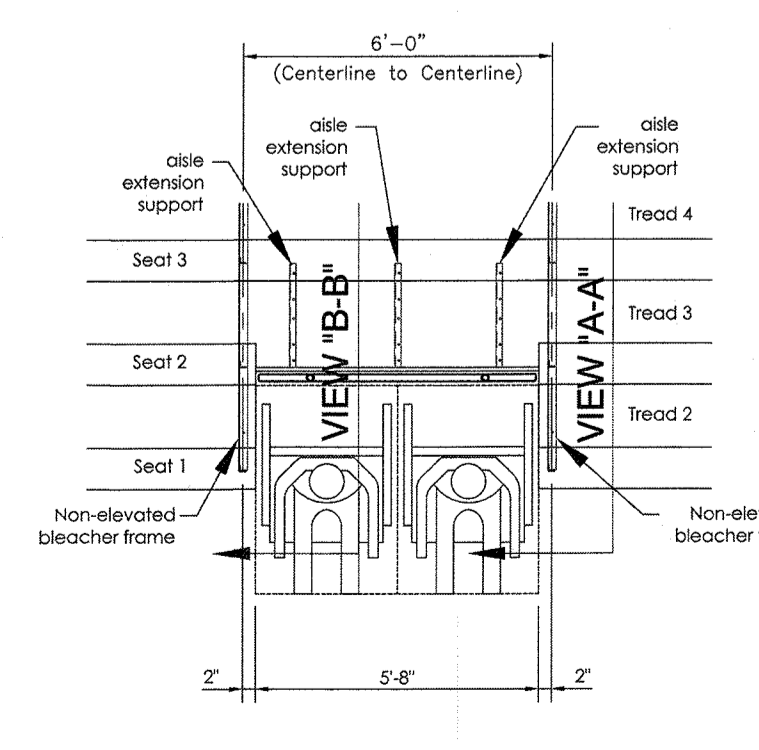
**GENERAL WORK NOTES**

1. THE MANUFACTURER SHALL COORDINATE ALL WORK WITH THE DESIGNATED COLLEGE REPRESENTATIVE PRIOR TO THE BEGINNING OF WORK.
2. THE MANUFACTURER IS RESPONSIBLE TO PROVIDE ENGINEERED SHOP DRAWINGS FOR ALL COMPONENTS OF THE PRESS BOX, BLEACHERS AND ABOVE GRADE FRAMING. THE SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A LICENSED P.E. REGISTERED IN THE STATE OF NEW YORK. ANY MODIFICATIONS TO THE FRAMING REQUIRED TO MEET ALL CURRENT CODE REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE MANUFACTURER'S ENGINEER.
3. CONTRACTOR TO COORDINATE ALL COMPONENTS AND STRUCTURE OF THE PRE-ENGINEERED PRESS BOX AND BLEACHERS WITH EXISTING CONDITIONS PRIOR TO SITE MOBILIZATION AND FINAL SIGN OFF OF ENGINEERED SHOP DRAWINGS.

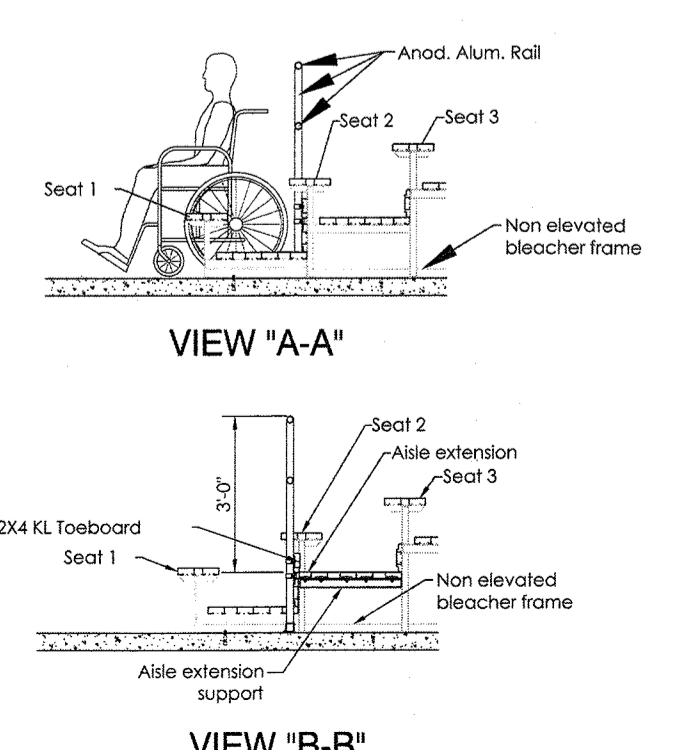


**3 Bleacher Section & Press Box Elevation**  
SCALE: 1/4"=1'-0"

NOTE: LED LIGHT FIXTURE: "EVENLITE WEATHERWAY" IN BLACK COLOR. WILL PRODUCE 1 FC 6WX48L 8HIGH, TOTAL 15 WATTS. 0 FC WILL BE ACHIEVED BEFORE THE PROPERTY LINE. LIGHT CUT OFF IS AT 90 DEGREES.



**5 Double Non-Elevated Wheelchair Area Detail**  
SCALE: NTS



**6 Plank Arrangement**  
SCALE: NTS



MARK	DATE	DESCRIPTION
2	1/19/22	ACABOR SUBMISSION
1	1/14/22	TOWN COMMENTS



DESIGNED BY: MRM	DRAWN BY: JMT	CHECKED BY: MRM	REVIEWED BY:
PROJECT NO: LGTR 2001	DATE: AUG. 30, 2021	SCALE: AS SHOWN	

**DOMINICAN COLLEGE**

**ATHLETIC COMPLEX  
SYNTHETIC TURF FIELD**

**DOMINICAN COLLEGE**

470 WESTERN HIGHWAY  
ORANGEBURG, NEW YORK  
10962

SEC. 74.06, BLOCK 3, P/O  
LOTS 1.1 & 1.3

CONTRACT  
**SINGLE CONTRACT**

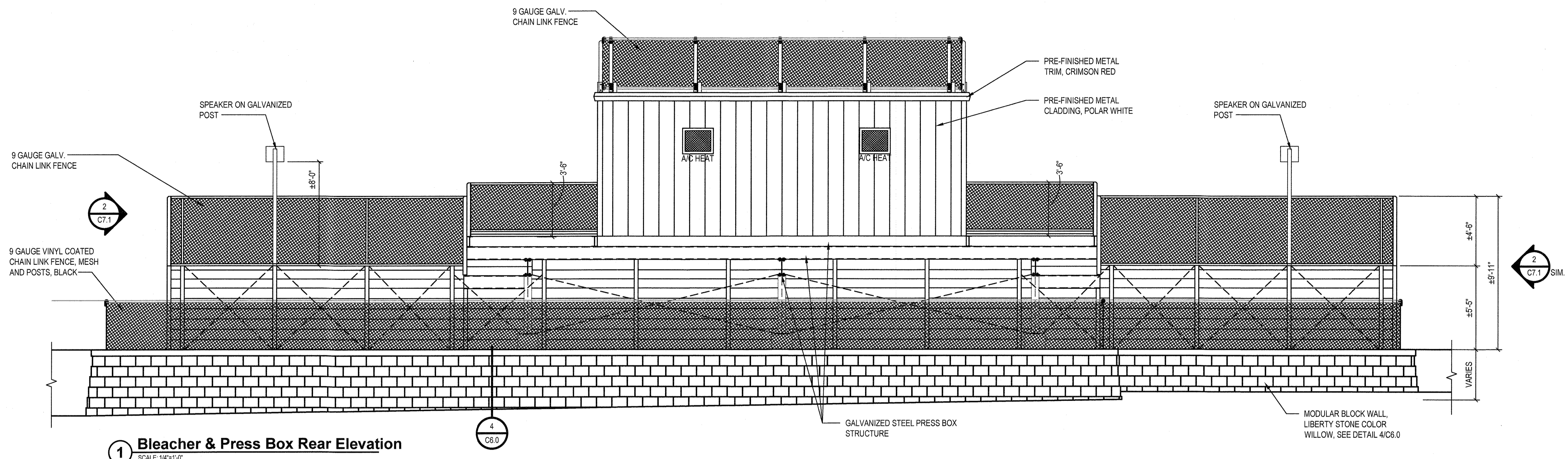
STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**BLEACHER SITE PLAN, SECTION,  
AND ELEVATIONS**

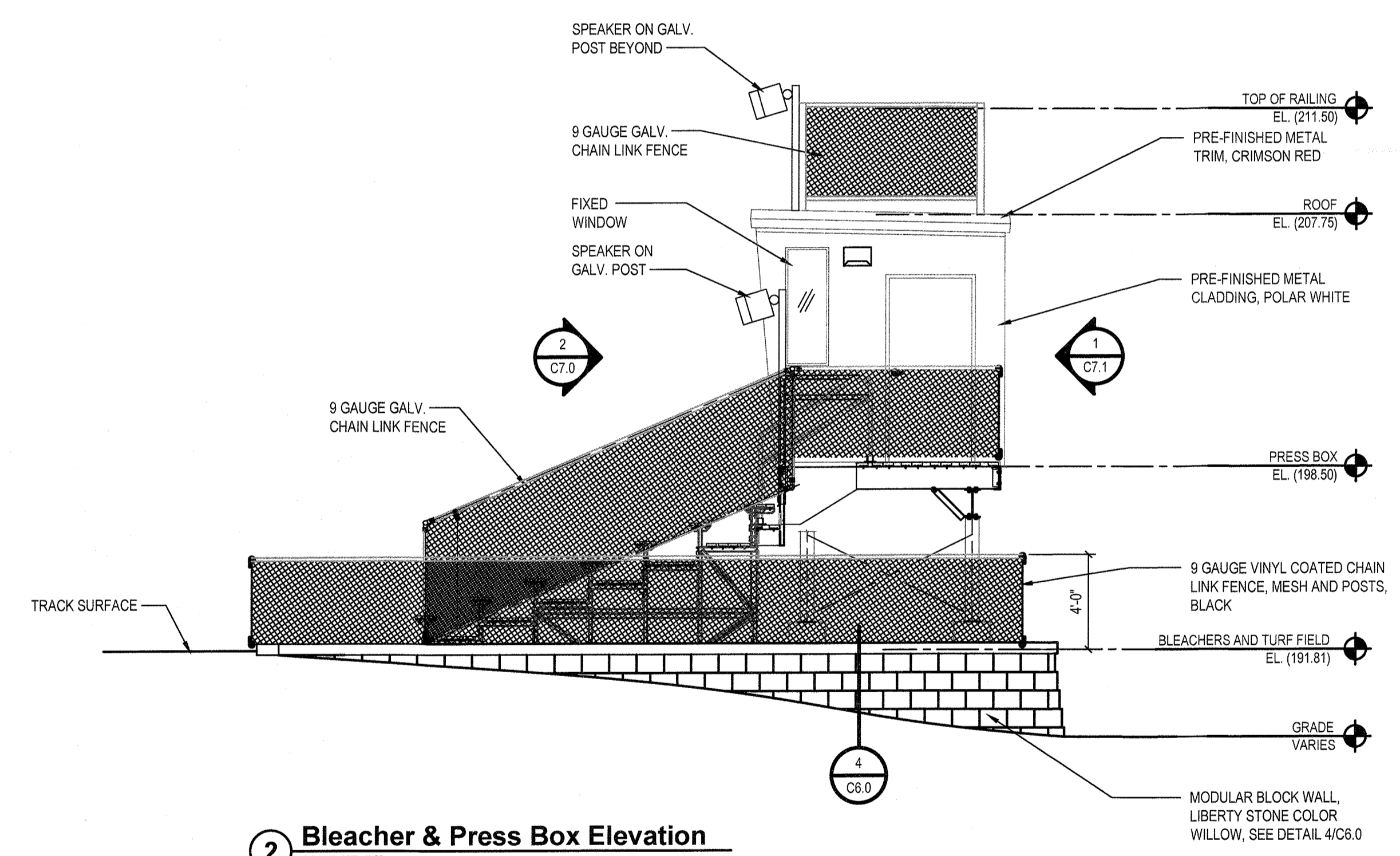
APPLICANT  
DOMINICAN COLLEGE  
470 WESTERN HIGHWAY  
ORANGEBURG, NY 10962  
(845) 848-7814

DRAWING NO: **C7.1**

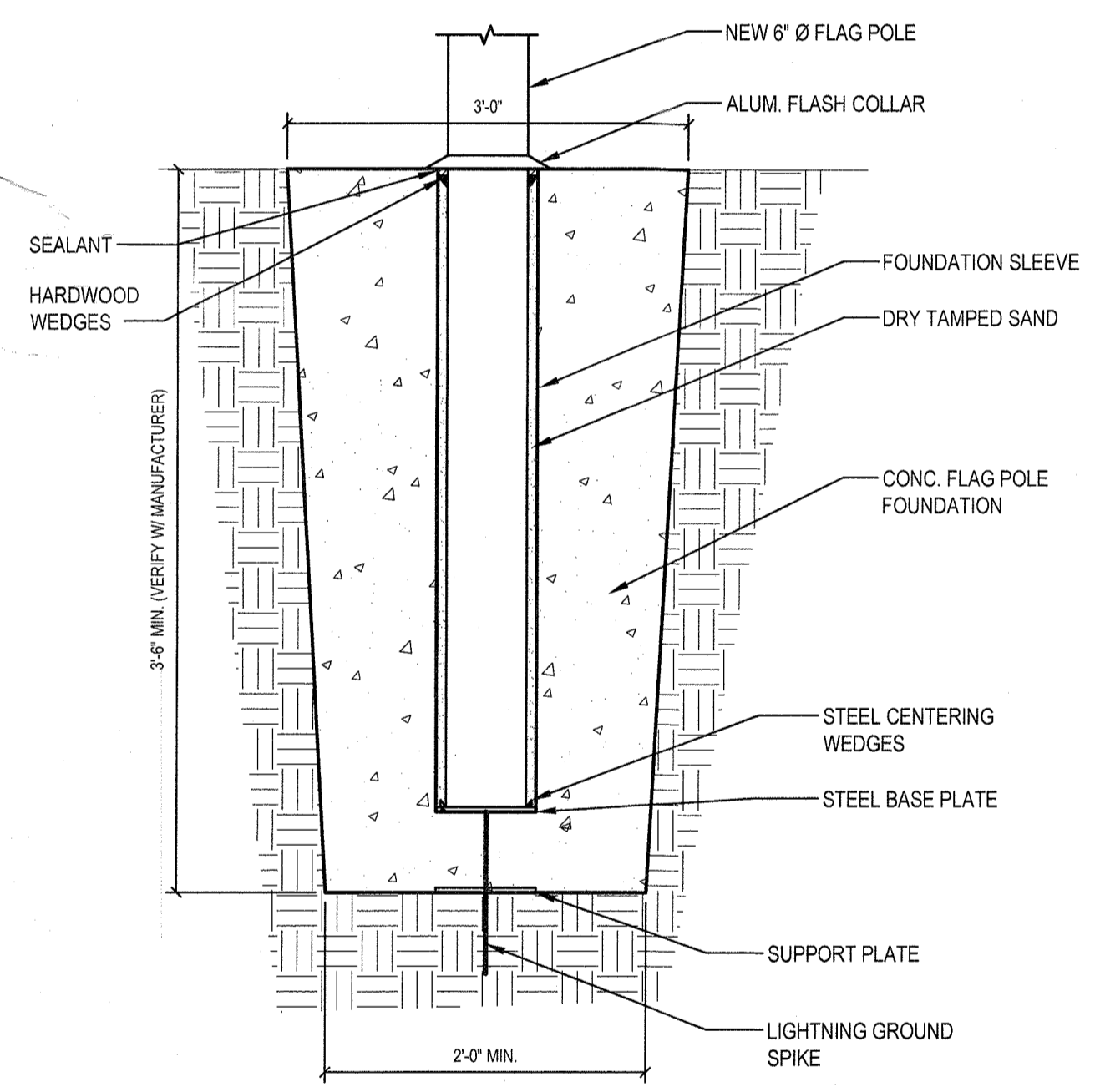
SHEET NO: **11**  
OF **11**



**1 Bleacher & Press Box Rear Elevation**  
SCALE: 1/4"=1'-0"



**2 Bleacher & Press Box Elevation**  
SCALE: 1/4"=1'-0"



**3 Flag Pole Foundation**  
SCALE: 1/2"=1'-0"

X:\LGR (Landscape Group)\LGR200102-BIM\CADD\Con-documents\C7.0.dwg Last Modified: Jan 18, 2023 - 11:56am Plotted on: Jan 18, 2023 - 11:57am By: jenny