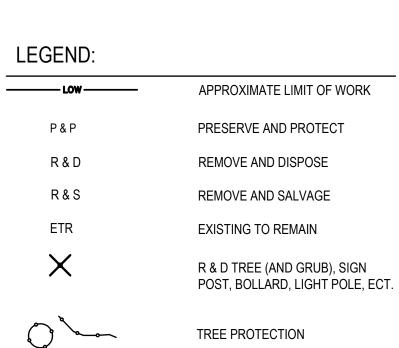


SI-	ITE PREPARATION NOTES:					
1.	EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY NITSCH ENGINEERING 120 FRONT STREET, SUITE 820 WORCESTER, MA 01608, DATED JUNE 3, 2020.					
2						

- 2. REFER TO DOCUMENT 003100-AVAILABLE PROJECT INFORMATION; FOR GEOTECHNICAL REPORT AND HAZARDOUS MATERIAL SUMMARY REPORT.
- 3. REFER TO RECORD DRAWINGS OF ORIGINAL BUILDING CONSTRUCTION FOR EXISTING BUILDING DETAILS.
- 4. CONTRACTOR SHALL REMOVE ALL EXISTING STRUCTURES, FOOTINGS, PAVEMENT, WALKS, WALLS, STAIRS, TREES AND SHRUBS NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT. ALL ITEMS, INCLUDING BUT NOT LIMITED TO; STRUCTURES AND RELATED FOOTINGS, SITE AMENITIES, FENCES AND FENCE FOOTINGS, HAND RAILS, SIGNS, LIGHT POSTS AND LIGHT POST FOOTINGS LOCATED WITHIN THE LIMIT OF WORK LINE SHALL BE REMOVED AND LEGALLY DISPOSED OF UNLESS NOTED OTHERWISE. REFER TO CIVIL, ARCHITECTURAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING REMOVAL AND DEMOLITION REQUIREMENTS.
- 5. ITEMS TO BE <u>SALVAGED</u> SHALL BE STORED ON-SITE WITHIN CONSTRUCTION FENCING AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- 6. SALVAGE ALL SITE SIGNAGE REQUIRED TO BE REMOVED BY THE WORK OF THIS PROJECT, AND PROVIDE TO OWNER'S REPRESENTATIVE. DISPOSE OF FOOTINGS AND DAMAGED POSTS.
- 7. REFER TO CIVIL DRAWINGS FOR TREATMENT OF EXISTING SITE UTILITIES AND DRAINAGE SYSTEMS. REFER TO ELECTRICAL SITE PLANS FOR TREATMENT OF EXISTING SITE ELECTRICAL. 8. REFER TO CIVIL DRAWINGS AND STORMWATER POLLUTION PREVENTION PLAN FOR EROSION AND
- SEDIMENTATION CONTROL. 9. REFER TO GEOTECHNICAL INFORMATION FOR SUBSURFACE EXPLORATION LOCATIONS AND INFORMATION.
- 10. REFER TO GEOTECHNICAL INFORMATION AND EARTH MOVING SPECIFICATION SECTION-321000 FOR ROCK AND LEDGE BLASTING AND/OR REMOVAL.
- 11. EXISTING FOUNDATIONS AND BELOW GRADE REMAINS OF THE FORMER BUILDING(S) SHALL BE REMOVED AND DISPOSED IN THEIR ENTIRETY.
- 12. CONTRACTOR SHALL NOTIFY DIGSAFE (1-888-DIG-SAFE) AND VERIFY UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- 13. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO ROADS, WALKS, UTILITIES, SITE IMPROVEMENTS, EXISTING OR PROPOSED, DAMAGED BY THIS PROJECT.
- 14. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING WORK.
- 15. ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE REGULATORY AGENCIES' REQUIREMENTS.
- 16. CONTRACTOR SHALL PROTECT ALL TREES TO REMAIN WITHIN THE LIMIT OF WORK.
- 14 REMOVE AND DISPOSE OF ALL GRANITE CURB ON SITE, REFER TO SPECIFICATIONS.
- 17. EXISTING IRRIGATION SYSTEM SHALL REMAIN IN WORKING CONDITION AT ALL TIMES OF THE GROWING SEASON DURING ALL CONSTRUCTION PHASES. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS TO THE IRRIGATION SYSTEM CAUSED BY CONSTRUCTION ACTIVITIES AND REPLACEMENT OF ANY PLANT MATERIAL LOST DUE TO THE IRRIGATION SYSTEM BEING OFF-LINE.
- 18. ALL TOPSOIL TO BE STRIPPED AND STOCKPILED FOR RE-USE ON SITE. REFER TO LANDSCAPE SPECIFICATIONS FOR DETAILS.
- 19. REFER TO EARTH MOVING SPECIFICATION-312000, FOR INFORMATION ON SUB-SOIL REMOVAL AND SUB-GRADE PREPARATION.



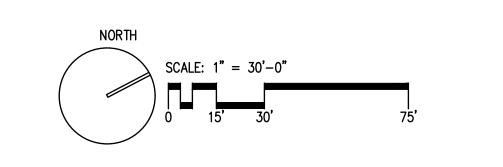
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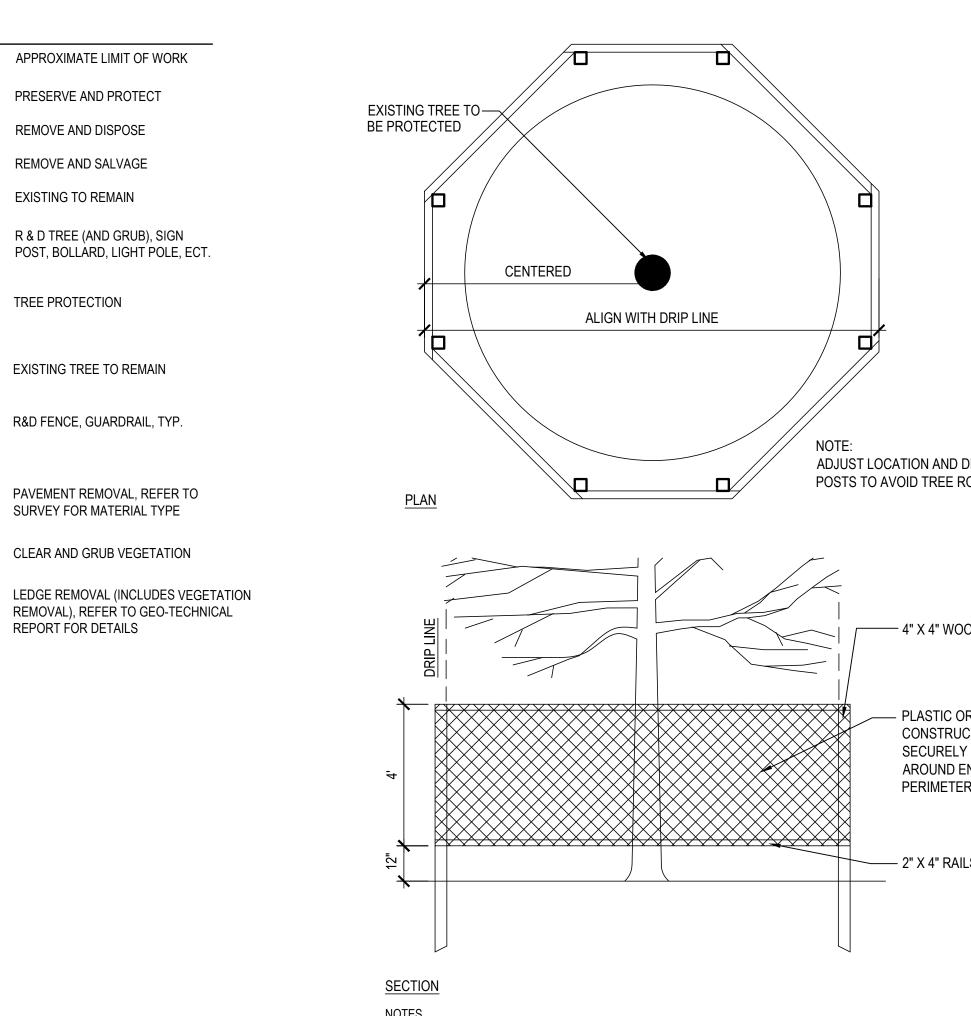
 PAVEMENT REMOVAL, REFER TO SURVEY FOR MATERIAL TYPE CLEAR AND GRUB VEGETATION

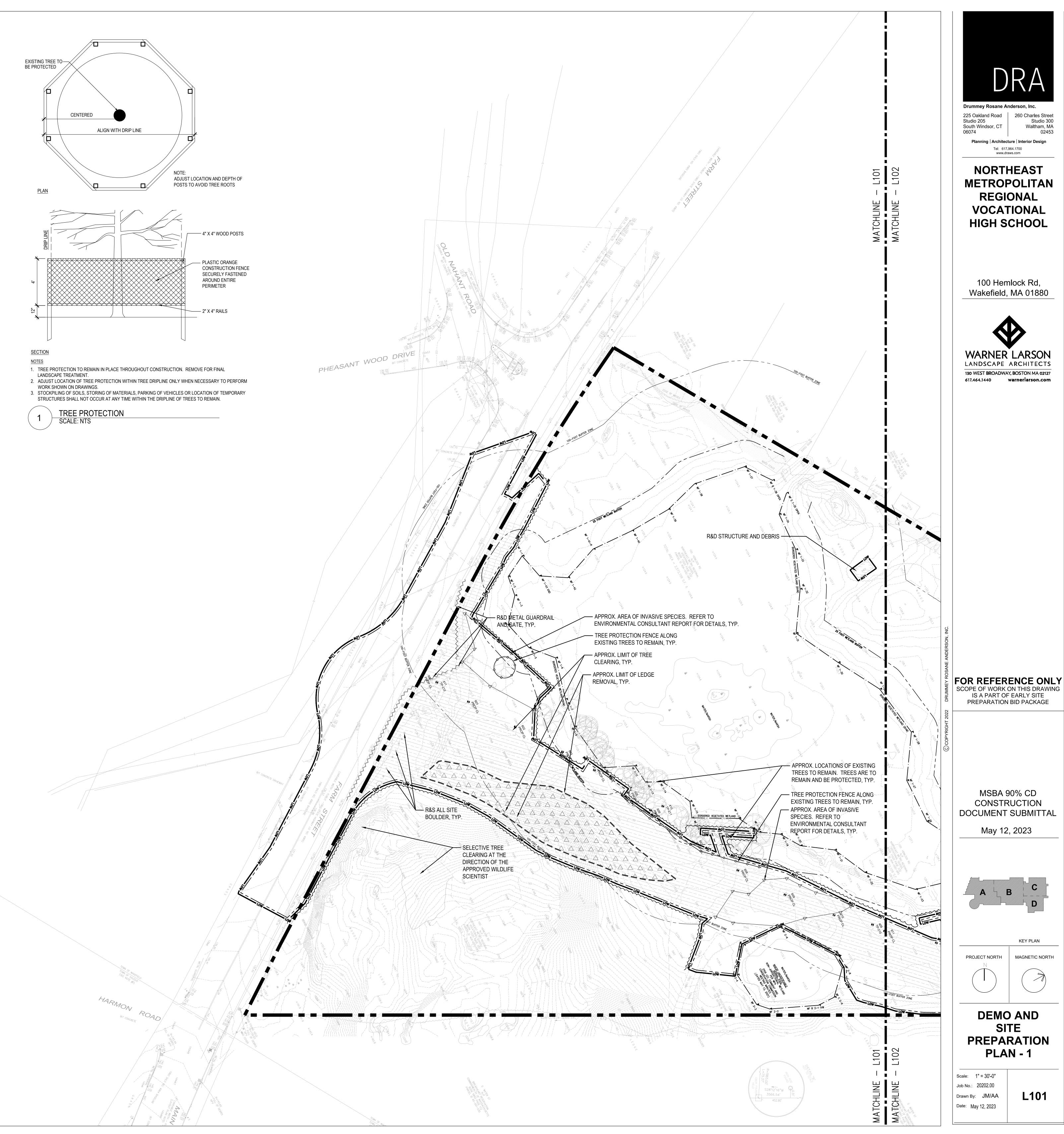
REPORT FOR DETAILS

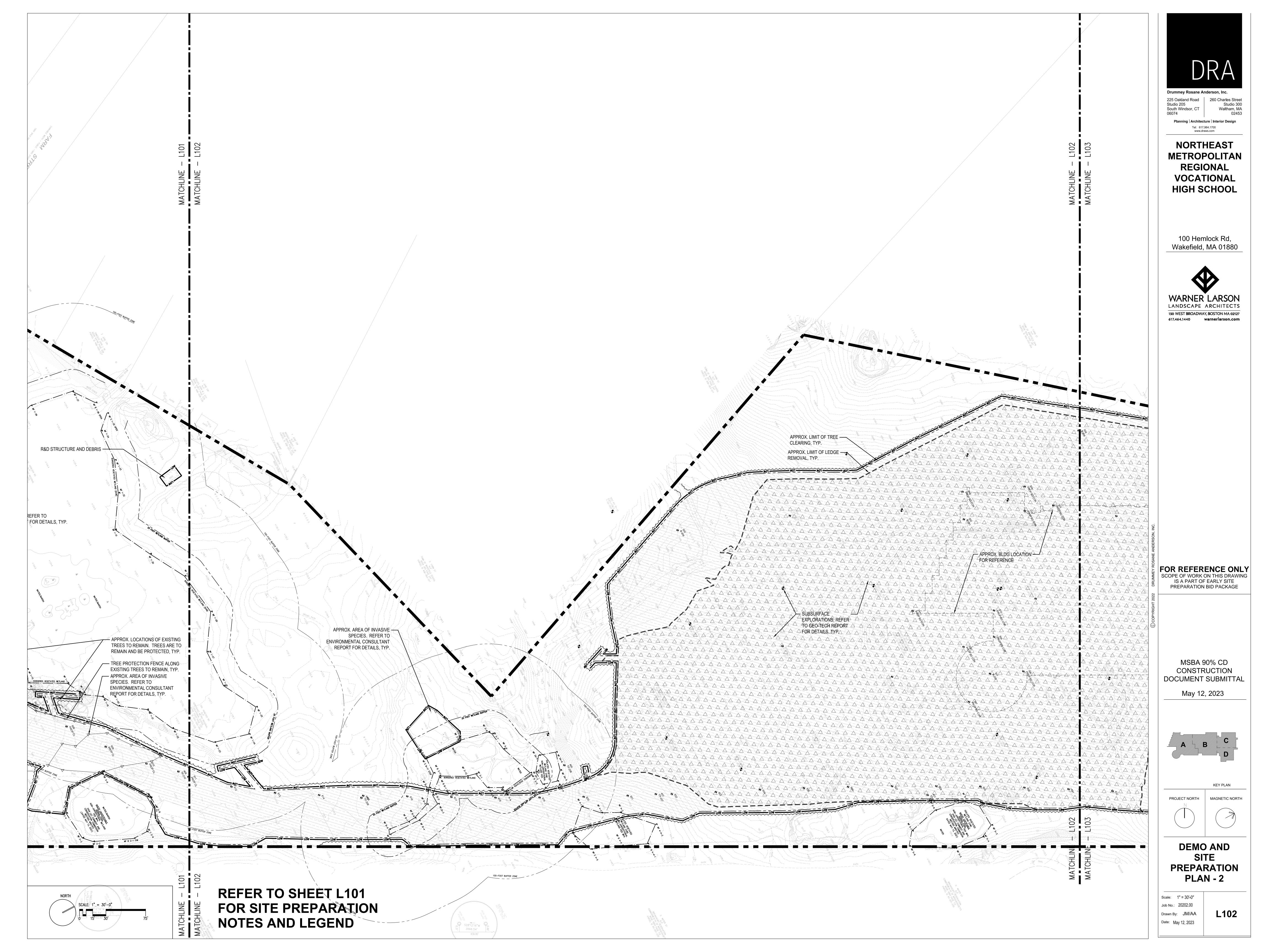
EXISTING TREE TO REMAIN

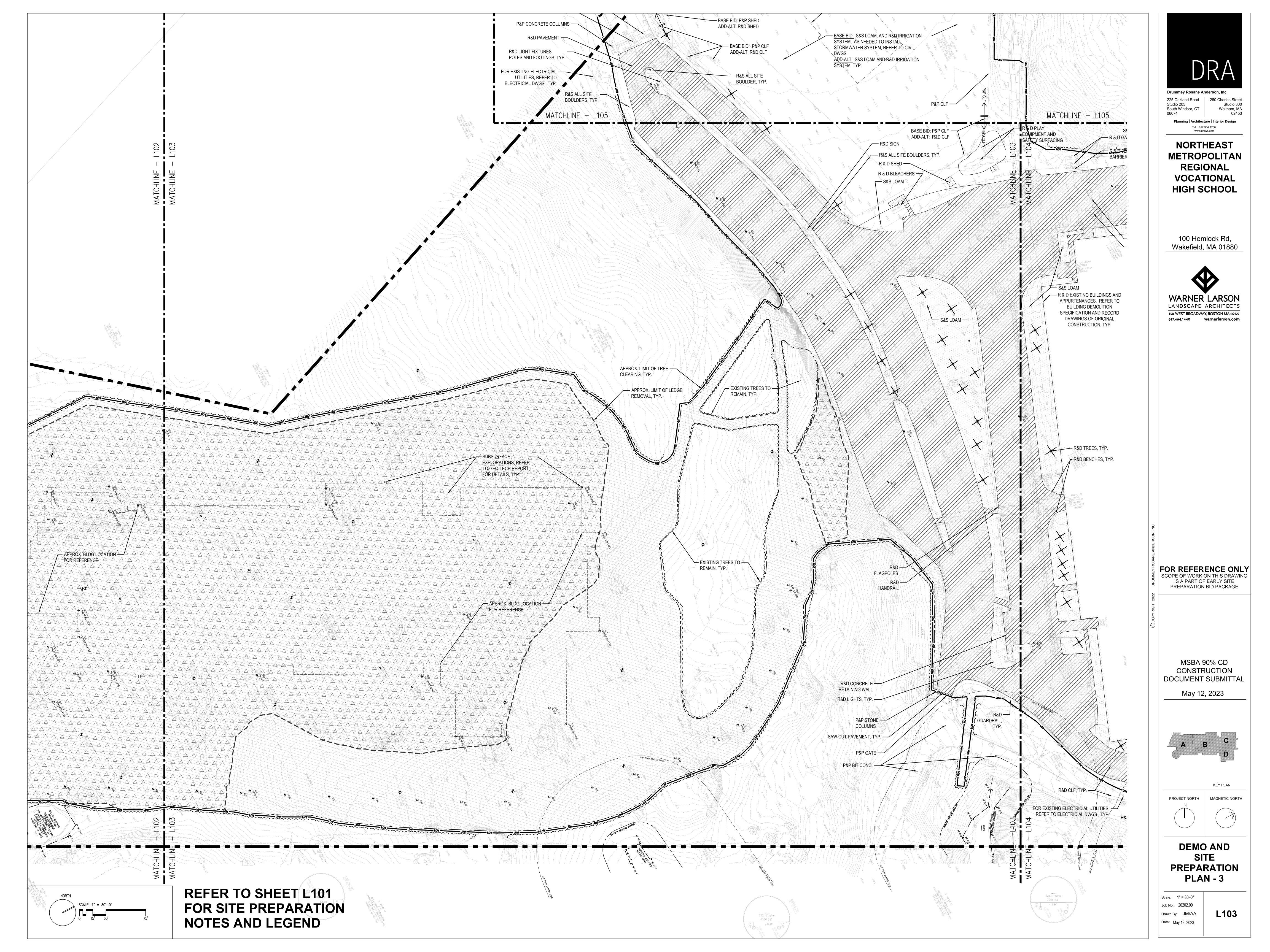
R&D FENCE, GUARDRAIL, TYP.



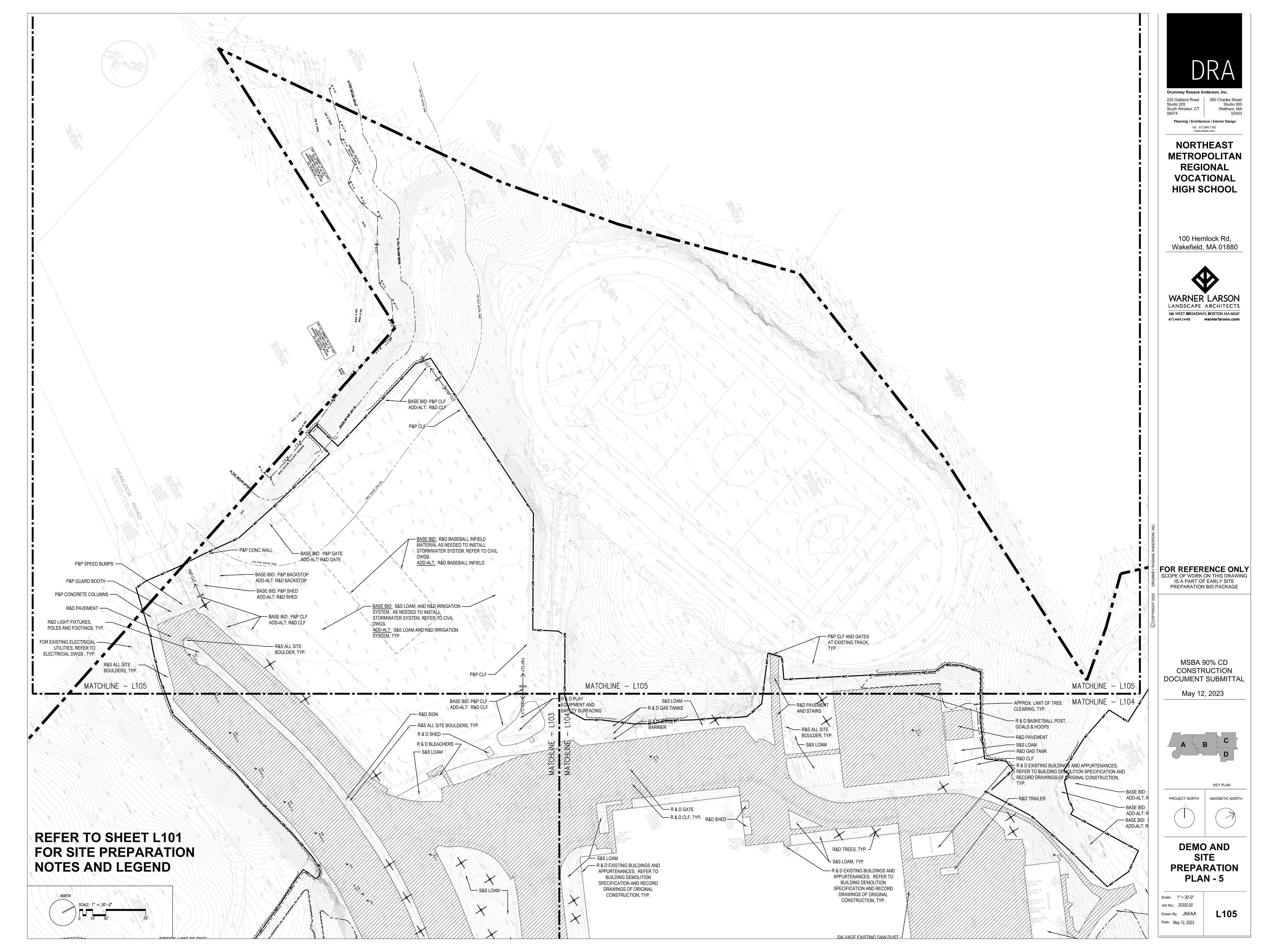


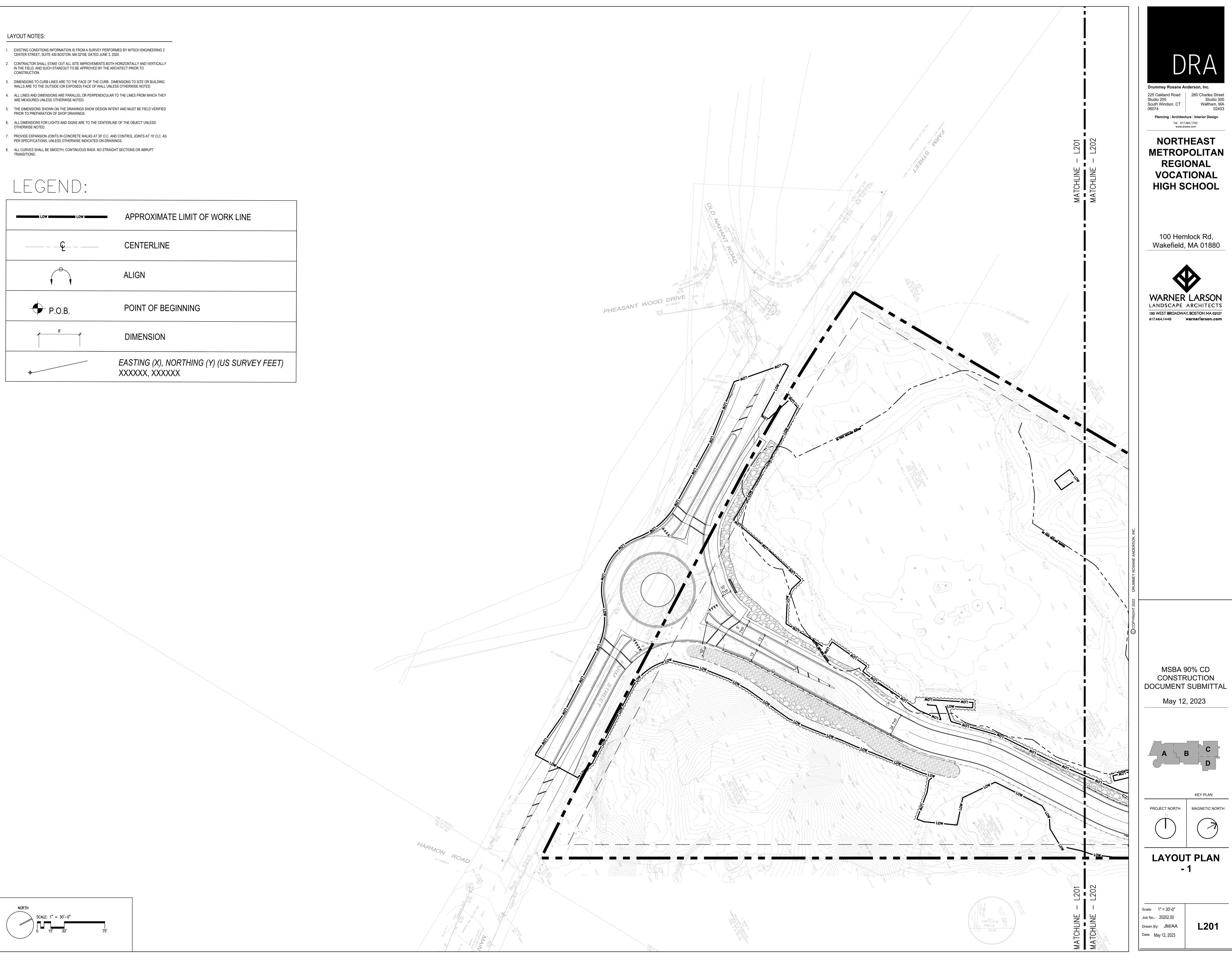


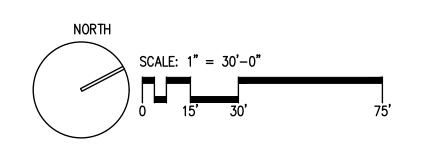


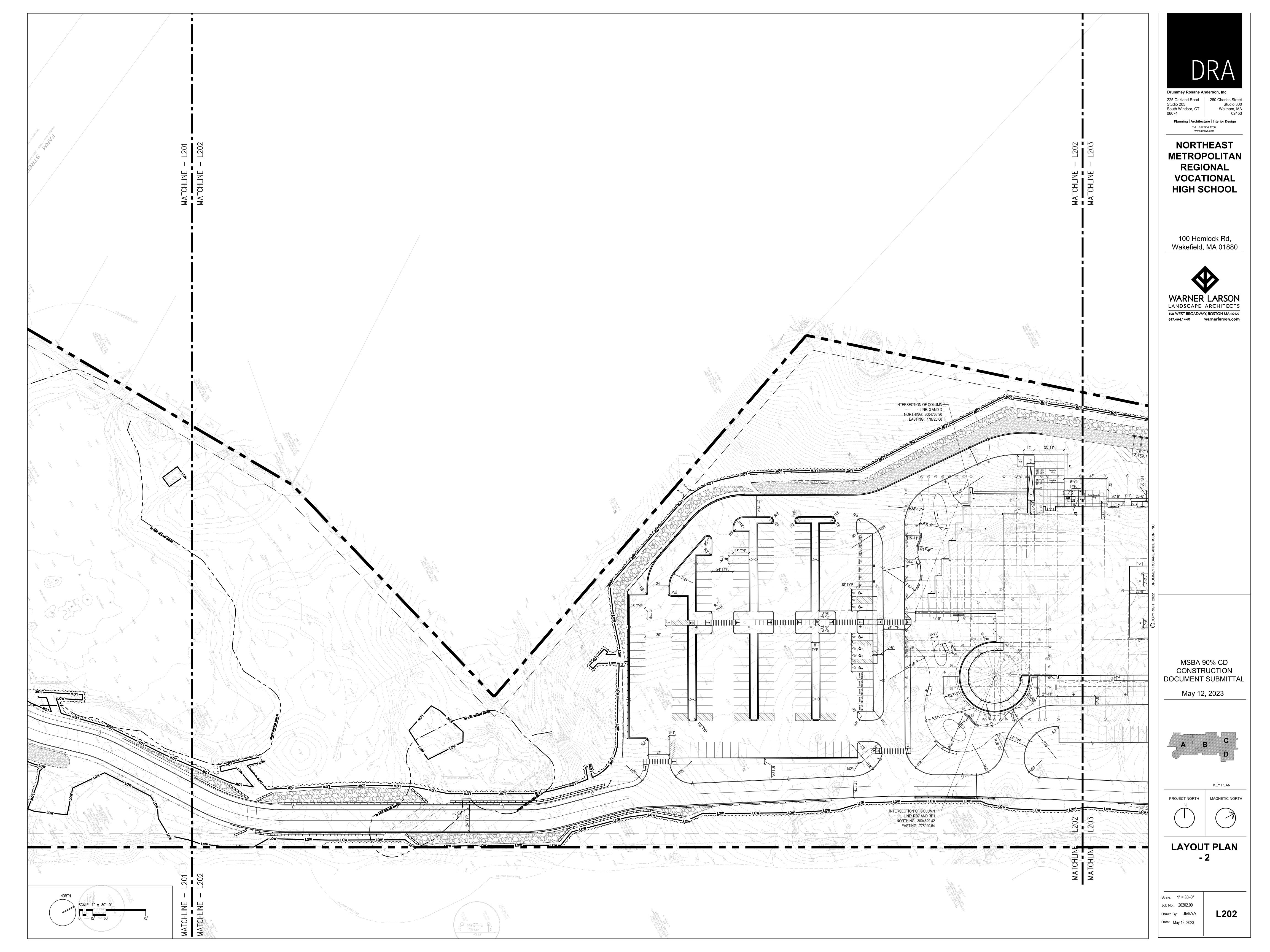


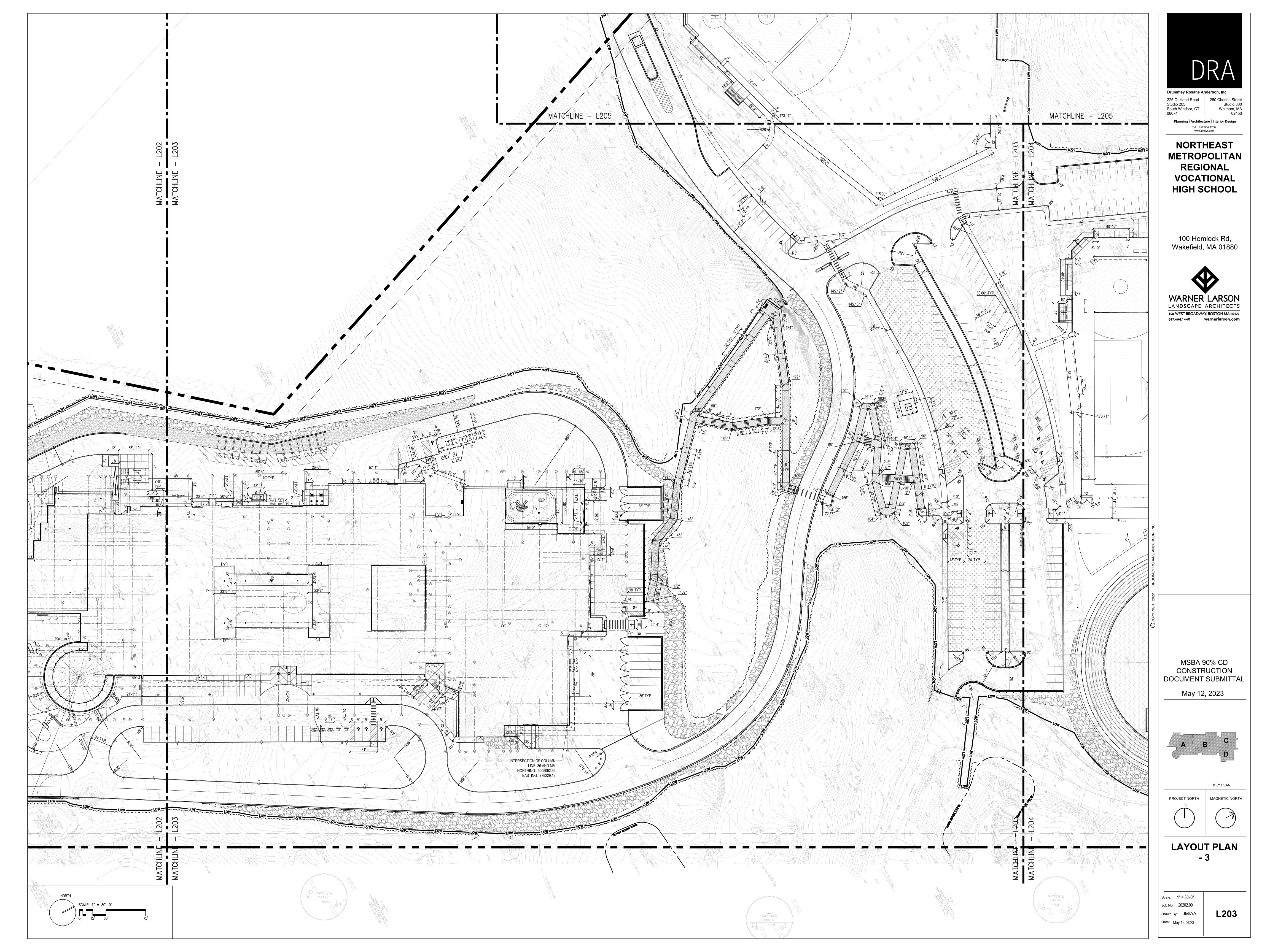


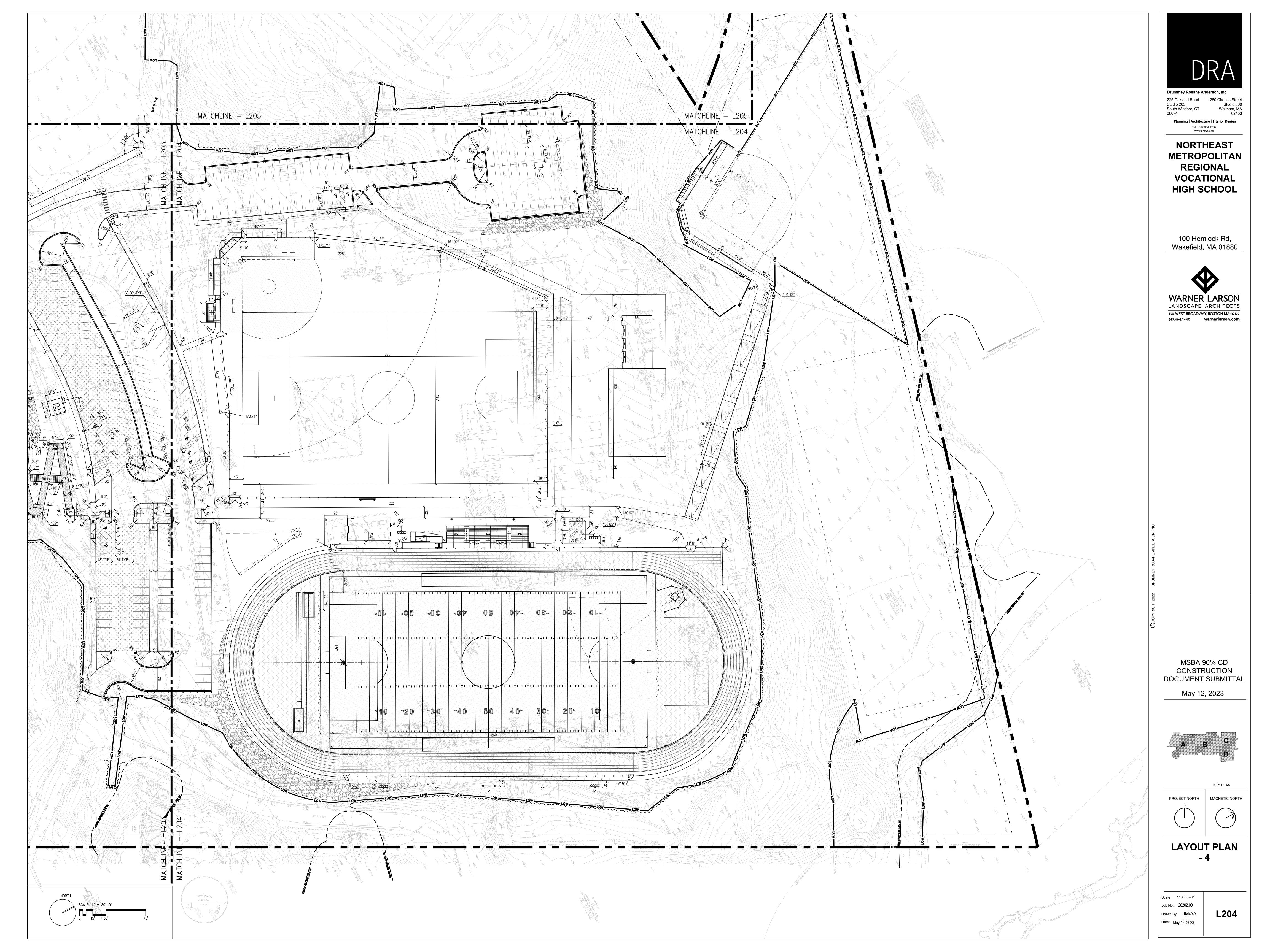










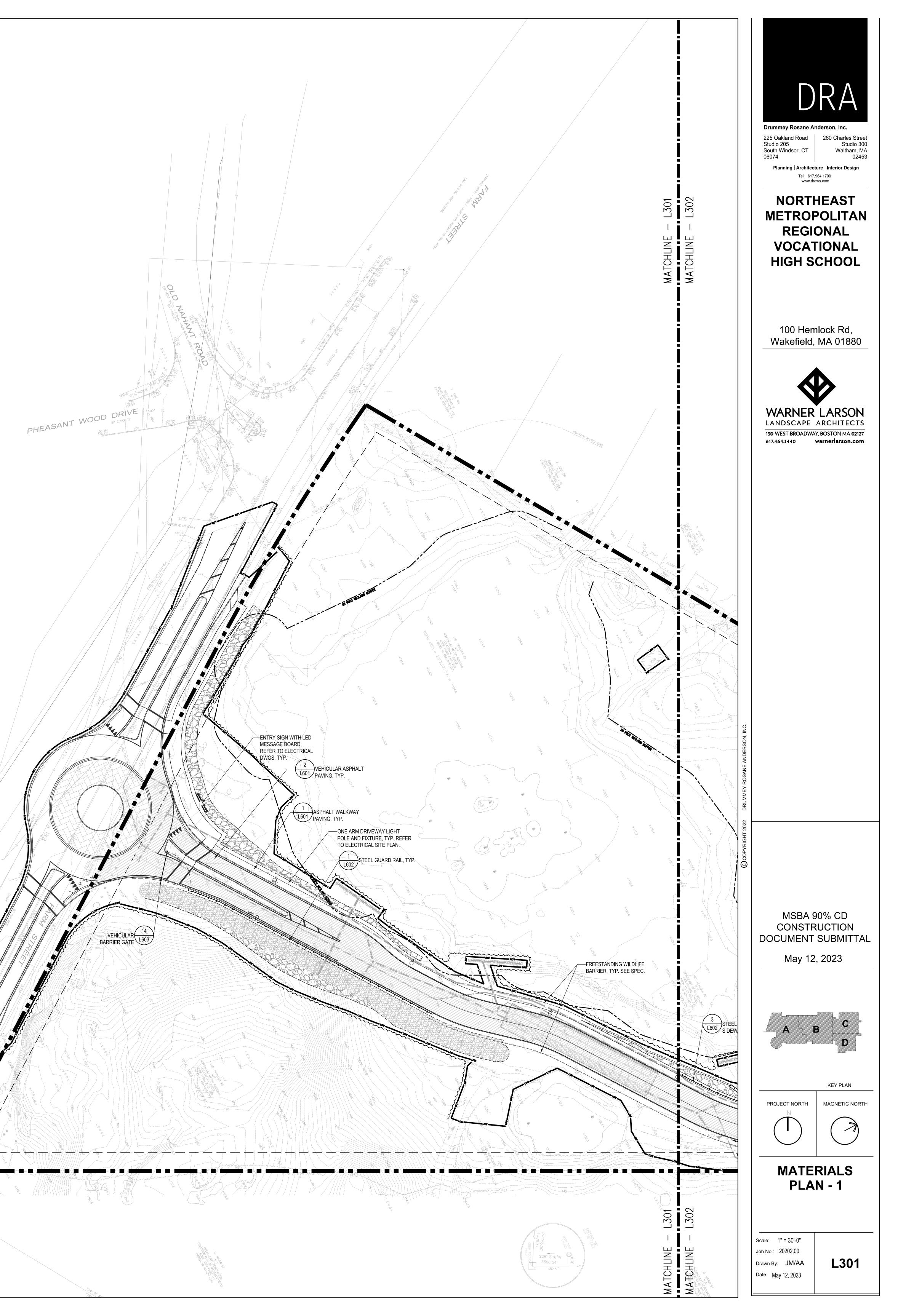


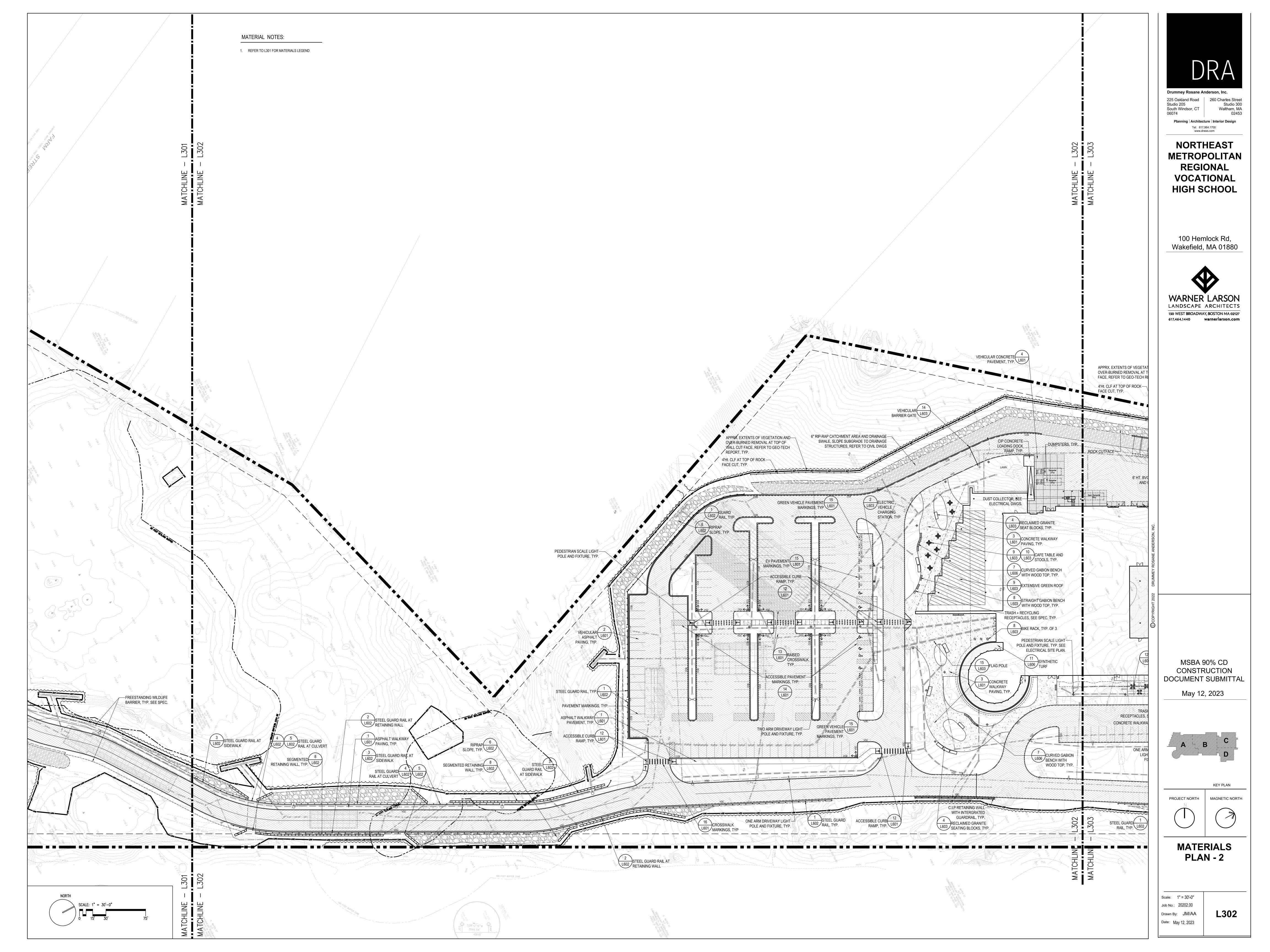


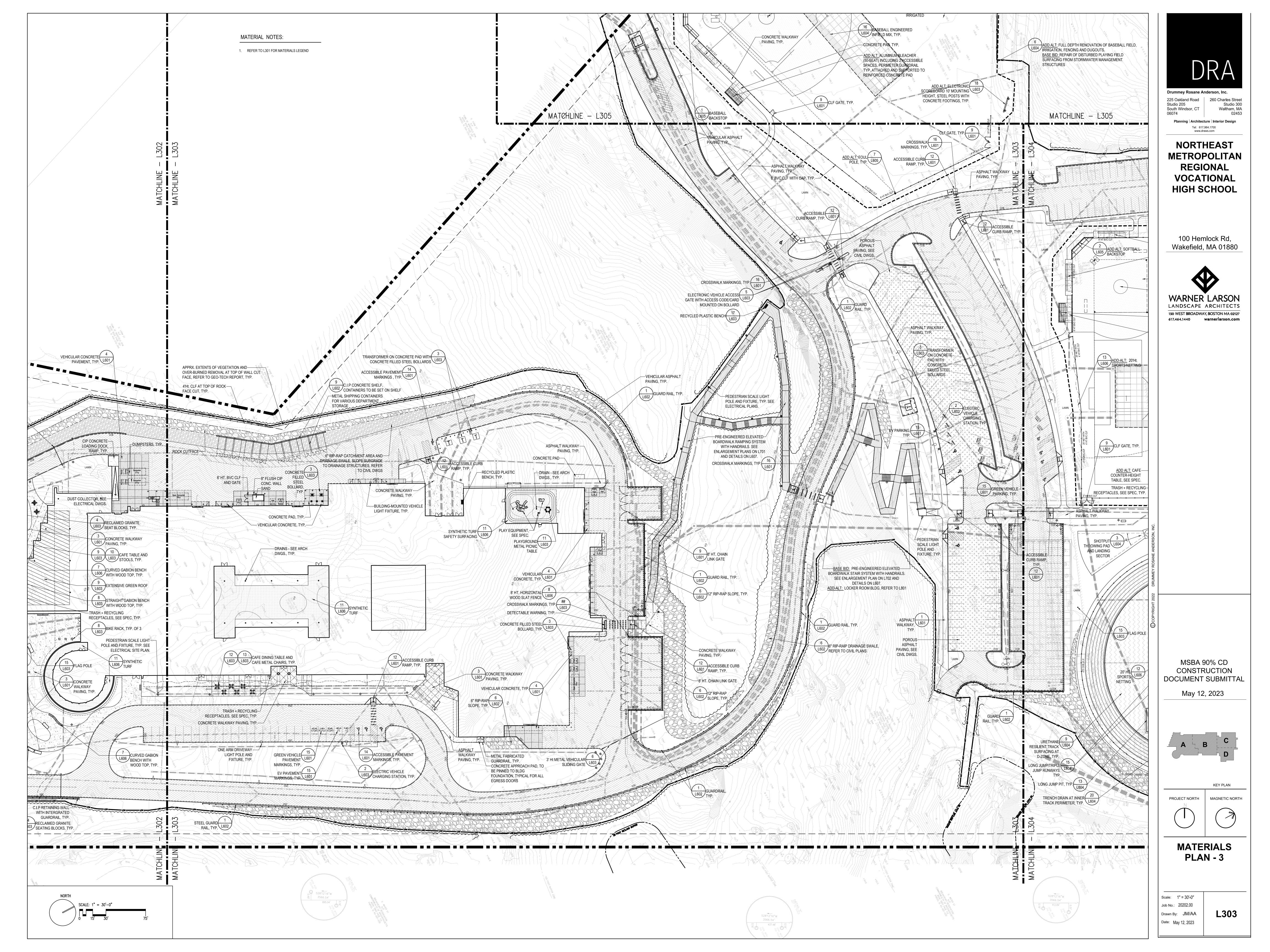
VGC $(7)$ (601)VERCCB $(6)$ (1001)FOR $(-CLF)$ $(8)$ (601)CHA $(-CLF)$ $(1)$ (1001)ASPI $(1)$ (601) $(4)$ (1001)VEH $(1)$ (601) $(3)$ (61)CON $(6)$ (602)RIP $(1)$ (601) $(1)$ (61)SYI $(1)$ (1006) $(1)$ (1006)SYI $(1)$ (1006) $($	LIMIT OF WORK TICAL GRANITE CURB MED ASPHALT CURB: CAPE COD BERM INLINK FENCE CULAR ASPHALT PAVING CULAR CONCRETE PAVING CULAR CONCRETE PAVING CULAR CONCRETE PAVING CRETE WALKWAY PAVING RAP SLOPE ALT - SEE CIVIL DWGS. FOR DETAIL THETIC TURF ON ROOF TENSIVE GREEN ROOF TENSIVE GREEN ROOF TENSIVE GREEN ROOF THETIC TURF THETIC TURF INED INFIELD LIENT TRACK SURFACING	Image: Construction   Image: Construction	STIC PICNIC TABLE AND SEE SPECIFICATIONS GULAR SWING GATE LT: RECLAIMED TE SEAT BLOCKS RETE FILLED STEEL BOLLARD ECTRICAL DWGS EWAY LIGHT POLE AND FIXTURE ANG LIGHT POLE AND FIXTURE	CENTER 2. CONTRA THE ARC 3. CONTRA TO EXCA 4. CONTRA SITE IMP 5. ITEMS IN BE INSTA 6. ALL CON STRUCTO 7. CONTRA FOOTING PROPOS ARCHITE 8. REFER T 9. PLANTIN THIS PLA SURFAC 10. REFER T	STREET, SUITE 430 BOSTON, ACTOR SHALL VERIFY ALL CON CHITECT PRIOR TO STARTING ACTOR SHALL NOTIFY DIGSAFI AVATION. ACTOR IS RESPONSIBLE FOR F PROVEMENTS, EXISTING OR P NDICATED AS "RELOCATED" AN ALLED BY THE GENERAL CON NCRETE PADS AT EXTERIOR D URAL DRAWINGS. ACTOR SHALL COORDINATE LO GS) WITH LOCATIONS OF PRO SED LIGHTING FOOTINGS). CO ECT PRIOR TO CONTINUING W TO L900 FOR PAVEMENT MARK IG AREAS (PA), BIORETENTION AN FOR REFERENCE ONLY, PL SE TREATMENT AND ASSOCIAT	FE 1-888-DIG-SAFE AND VERIFY UNDERGROUND U REPAIRING ANY DAMAGE CAUSED TO ROADS, WA PROPOSED, DAMAGED BY THIS PROJECT. ARE SALVAGED AND STORED FROM EXISTING SITE NTRACTOR. DOORS SHALL BE PINNED TO BUILDING FOUNDAT LOCATION OF ALL UTILITIES (LINES, DUCTS, COND DOOSED LANDSCAPE ELEMENTS (WALLS, TREE RO ONTRACTOR SHALL REPORT ANY DISCREPANCIES WORK. EXINGS AND TRAFFIC SIGNAGE ON AREAS (BA) LOAM AND SEED AREAS (L&S) ARE S PLEASE SEE PLANTING PLANS L500, L501 AND L502 ATED SOIL DEPTHS AND CROSS SECTIONS
( <u>16</u> ) RE:	ILIENT TRACK SURFACING					
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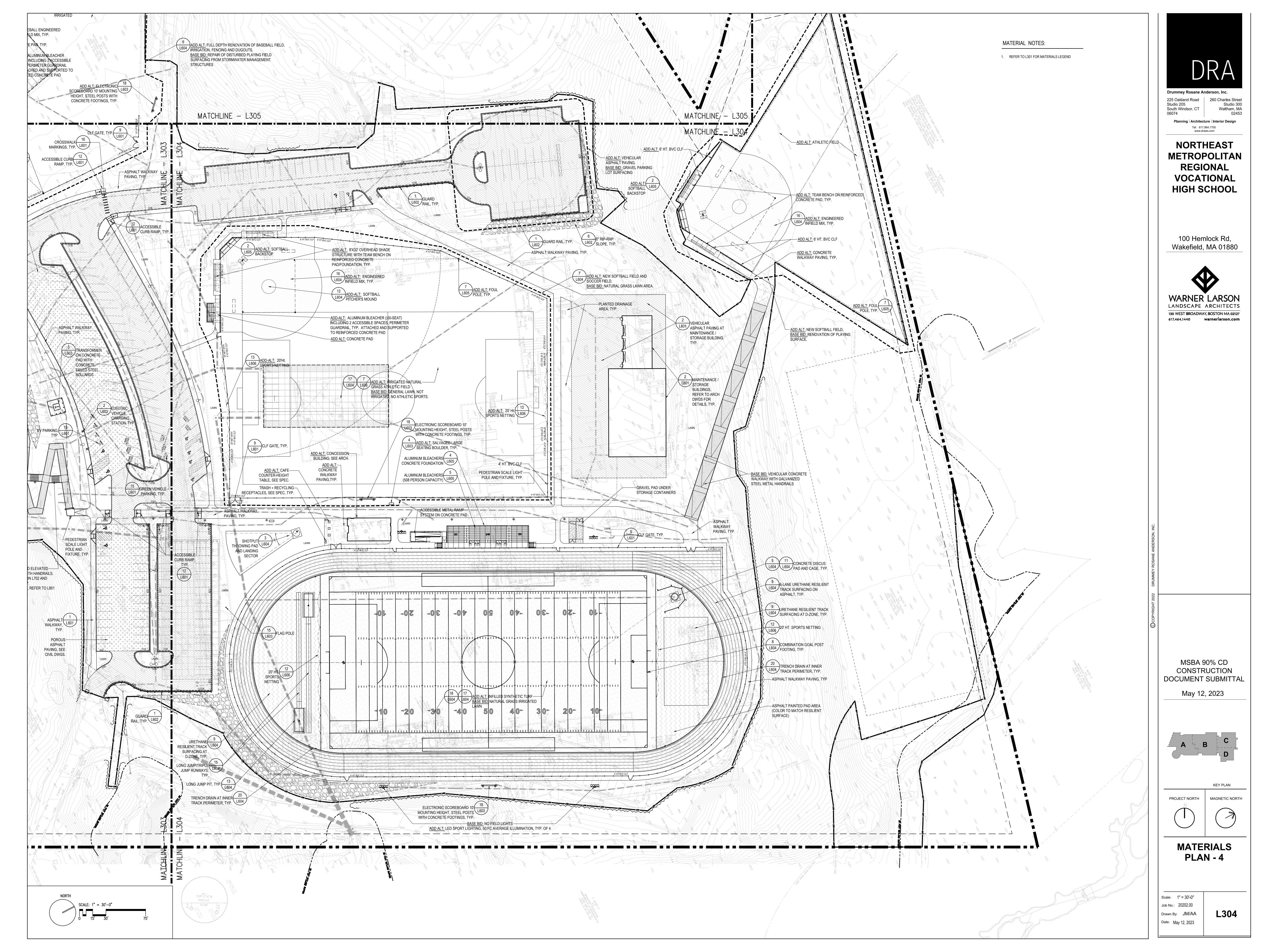
### MATERIAL NOTES:

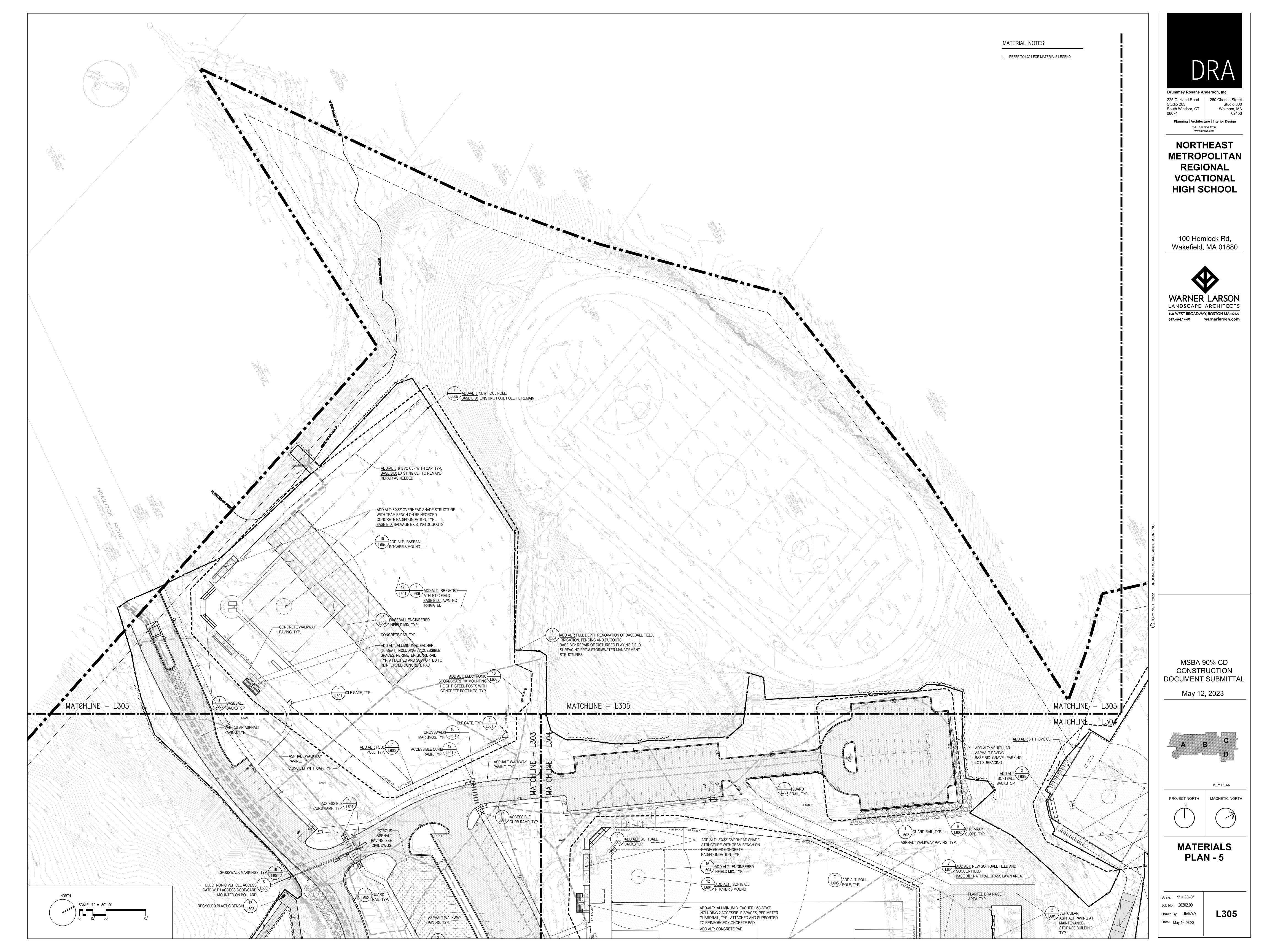
ROAD











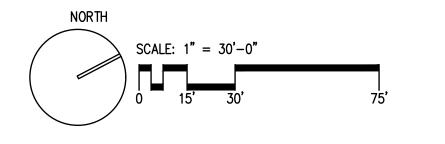
### **GRADING NOTES**

- 1. EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY NITSCH ENGINEERING 120 FRONT STREET, SUITE 820 WORCESTER, MA
- 01608, DATED JUNE 3, 2020. 2. REFER TO DOCUMENT 003100-AVAILABLE PROJECT INFORMATION; FOR GEOTECHNICAL REPORT AND HAZARDOUS MATERIAL SUMMARY REPORT.
- 3. REFER TO GEOTECHNICAL INFORMATION AND EARTH MOVING SPECIFICATION SECTION-321000 FOR ROCK AND LEDGE BLASTING AND/OR REMOVAL.
- 4. REFER TO EARTH MOVING SPECIFICATION-312000, FOR DETAILS ON SUB-SOIL REMOVAL AND SUB-GRADE PREPARATION.
- 5. CONTRACTOR SHALL STAKE OUT ALL SITE IMPROVEMENTS BOTH HORIZONTALLY AND VERTICALLY IN THE FIELD, AND SUCH STAKEOUT TO BE APPROVED BY THE ARCHITECT PRIOR TO CONSTRUCTION.
- 6. PROPOSED SPOT GRADES AND CONTOURS INDICATED ON THE THIS PLAN DESCRIBE FINAL SURFACE ELEVATIONS FOR COMPLETED CONSTRUCTION. 7. ALL CHANGES IN PAVEMENT MATERIALS SHALL BE FLUSH WITH EACH OTHER UNLESS OTHERWISE SHOWN.
- 8. SEE CIVIL DRAWINGS FOR SUBSURFACE DRAINAGE SYSTEM.
- 9. IF EXISTING TREE, UTILITIES OR STRUCTURES IMPEDE EXCAVATION ACTIVITIES IN ANY MANNER, CONTRACTOR SHALL INFORM THE ARCHITECT AND OWNER PRIOR TO CONTINUING WITH CONSTRUCTION ACTIVITIES.
- 10. SLOPES SHALL NOT EXCEED 3:1 SLOPE EXCEPT AS SHOWN ON THE PLANS.
- 11. EXTERIOR CONCRETE PAVING AT DOOR THRESHOLDS SHALL BE FLUSH WITH FINISH FLOOR ELEVATION (UNLESS OTHERWISE SHOWN) AND SHALL SLOPE AT 1.5% PITCH AWAY FROM THE BUILDING. REFER TO STRUCTURAL DRAWINGS FOR DETAIL OF PAVEMENT / BUILDING CONNECTION.
- 12. ALL PAVED WALKWAY AREAS, PLAZAS , CROSSWALKS, ACCESSIBLE PARKING SPACES, AND ASSOCIATED ACCESS AISLES AND ACCESSIBLE ROUTES SHALL BE GRADED SUCH THAT THEY ARE IN FULL COMPLIANCE WITH THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD RULES AND REGULATIONS. CROSS SLOPES ON PAVED WALKWAYS AND PLAZAS ARE DESIGNED AT 1.5% SLOPE AND SHALL NOT EXCEED 2% OR BE LESS THAN

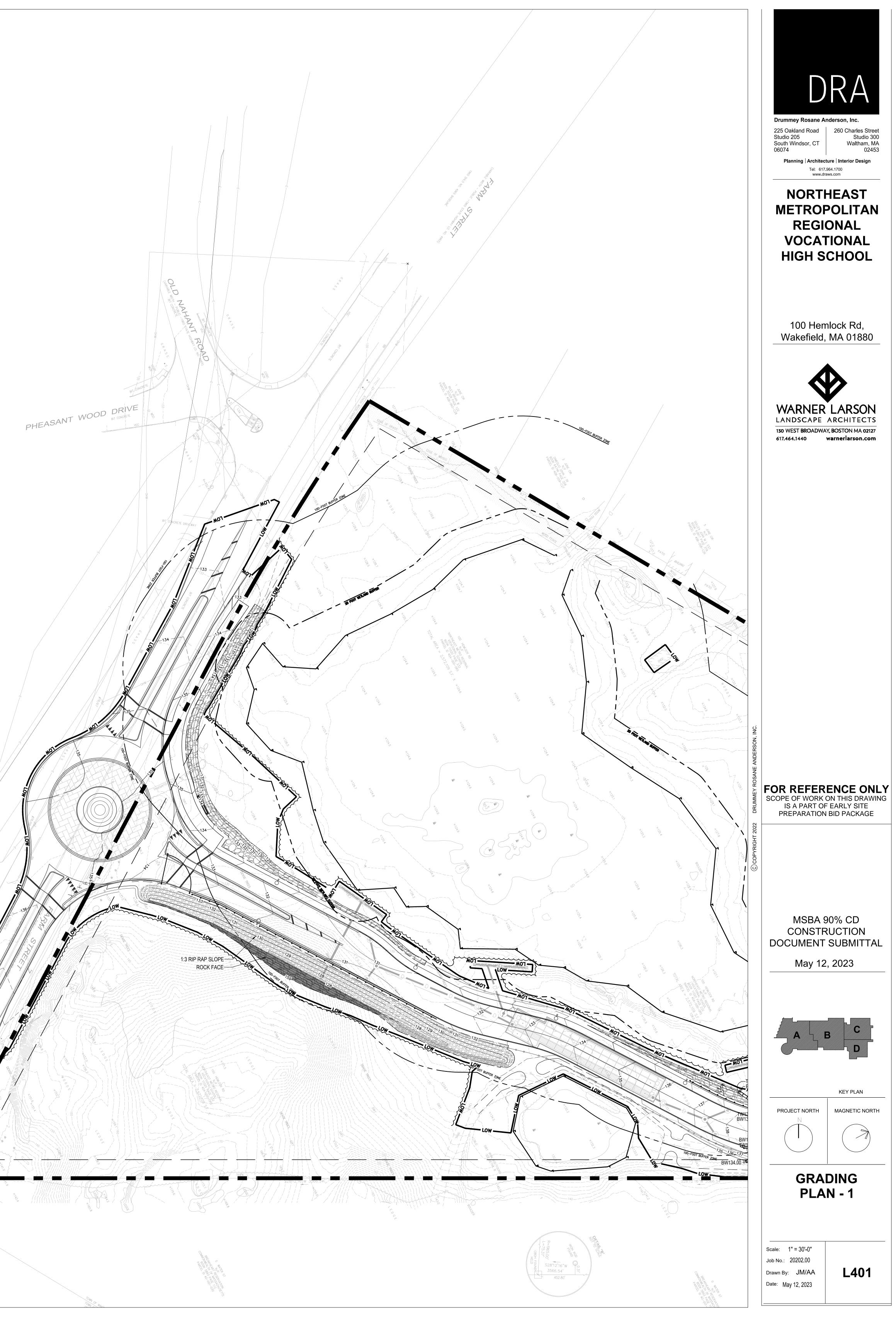
### LEGEND:

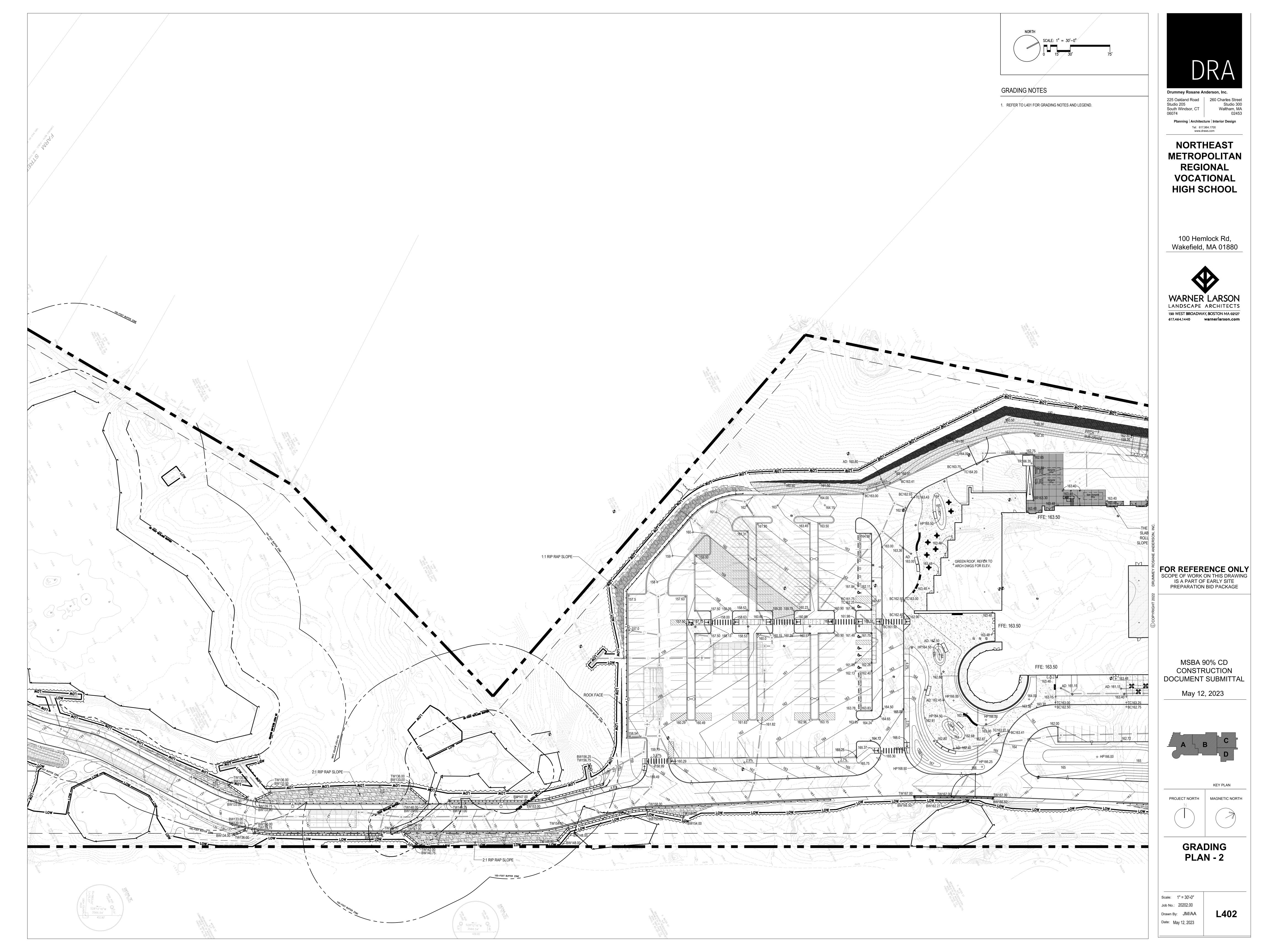
1%.

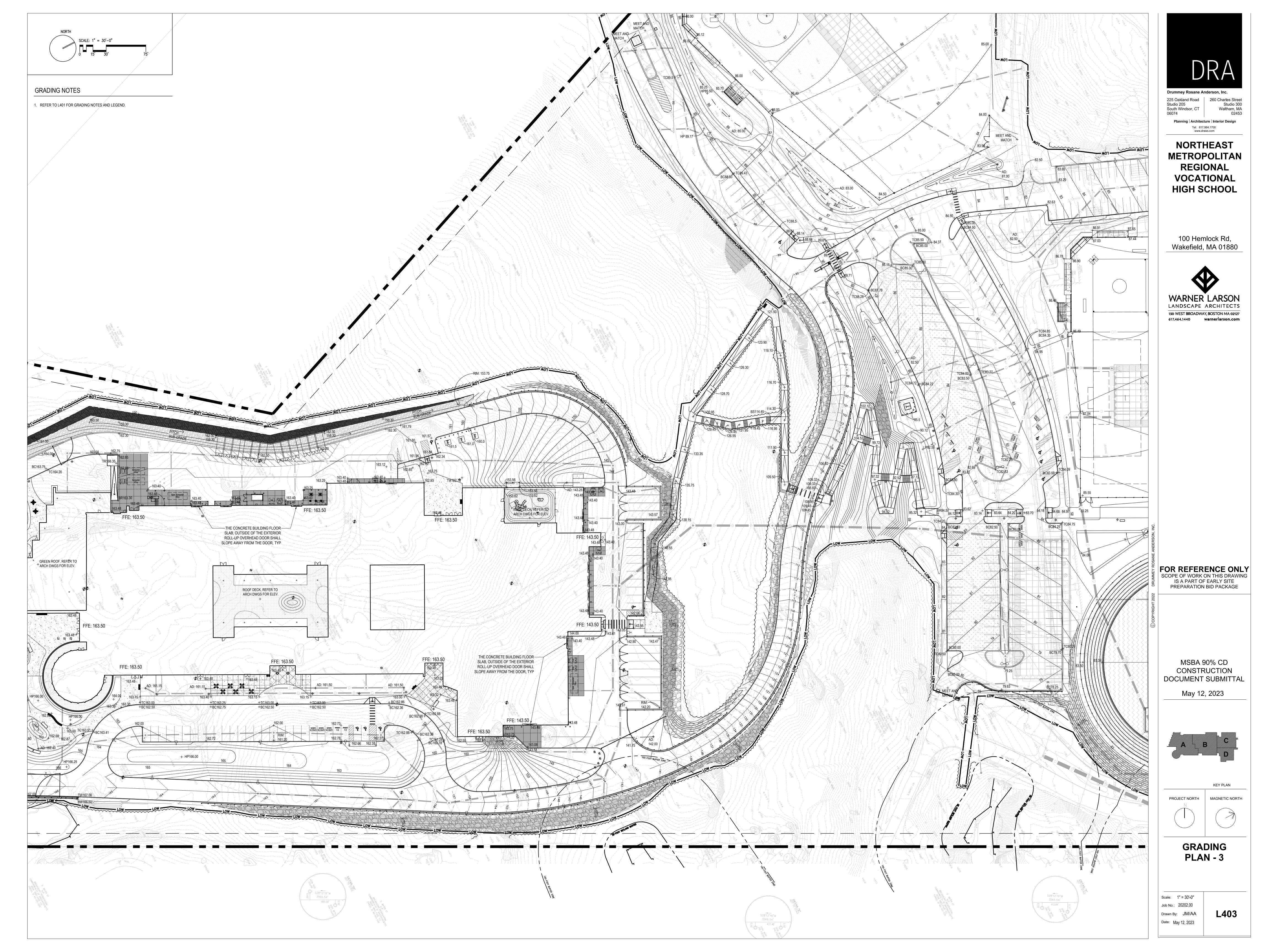
LLGLIND.	
LOW	APPROXIMATE LIMIT OF WORK LINE
	EXISTING CONTOUR
<u> </u>	PROPOSED CONTOUR
	SWALE
	RIP-RAP FILL SLOPE (1:1)
	RIP-RAP SWALE
× 553.1 <b>+(556.15)</b>	EXISTING SPOT ELEVATION
+556.15	PROPOSED SPOT ELEVATION
1.0%	PROPOSED SLOPE
TS BS	TOP OF STAIR BOTTOM OF STAIR
TW BW	TOP OF WALL BOTTOM OF WALL
SW	SPILLWAY
TC BC	TOP OF CURB BOTTOM OF CURB
TH	DOOR THRESHOLD
HP	HIGH POINT
LP	LOW POINT
RIM	RIM ELEVATION
UD	UNDER DRAIN "UD" (DETAIL REFERENCE)

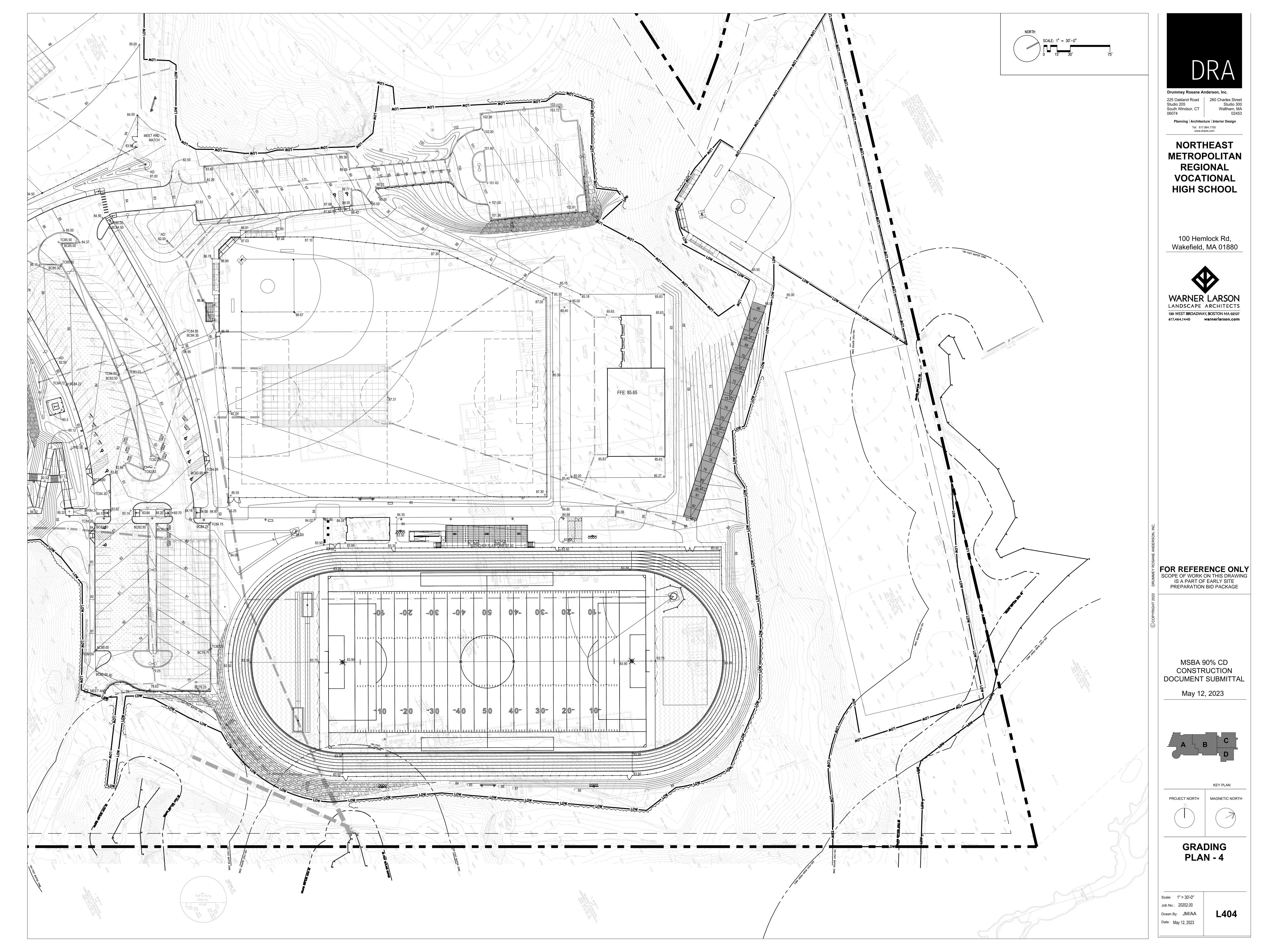














DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	
AO	3	Acer rubrum 'October Glory'	October Glory Red Maple	3.0-3.5" cal. B&B		
AR	7	Acer rubrum `Redpointe`	Redpointe Maple	2.5-3" cal. B&B	Native	
AS	3	Acer saccharum	Sugar Maple	2.5" Cal.	Green Mountain or Fall Fiesta Cultivars	;
BC	7	Betula papyrifera 'Clump'	Clump Paper Birch	7-8` Ht. B&B		
BN	6	Betula nigra `Cully` TM	Heritage Birch	10-12` Ht. B&B	Clump	
BP	6	Betula populifolia `Whitespire`	Whitespire Birch	12-14` Ht. B&B	Clump, Native	
BU	9	Betula papyrifera `Uenci` TM	Renaissance Upright Paper Birch	10-12` Ht. B&B	Multi-Clump	
FG	5	Fagus grandifolia	American Beech	2-2.5" cal. B&B		
MG2	6	Metasequoia glyptostroboides	Dawn Redwood	3" Cal.		
NS	8	Nyssa sylvatica `Wildfire`	Black Gum	2.5" Cal.		
QA	8	Quercus alba	White Oak	1.5" Cal.		
QB	4	Quercus bicolor	Swamp White Oak	3" Cal.		
QM	9	Quercus macrocarpa	Burr Oak	2-2.5" cal. B&B		
QR	12	Quercus rubra	Red Oak	2.5-3" cal. B&B	Native	
UA	17	Ulmus americana `Jefferson`	American Elm	2.5-3" cal. B&B	Valley Forge acceptable cultivar	
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	
JV		Juniperus virginiana	Eastern Red Cedar	7-8` Ht. B&B		
PR	7	Pinus rigida	Pitch Pine	6-7` Ht. B&B		
PS	15	Pinus strobus	White Pine	8-10` Ht. B&B	Native Evergreen	
PS2	6	Pinus strobus	White Pine	5-6` Ht. B&B		
ORNAMENTAL TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	
AX	17	Amelanchier x grandiflora `Autumn Brilliance`	`Autumn Brilliance` Serviceberry	7-8` Ht. B&B	Native Clump	
MD	6	Malus x 'Donald Wyman'	Donald Wyman Crabapple	2-2.5" cal. B&B		
PA	1	Prunus subhirtella 'Autumnalis'	Autumn Flowering Cherry	3" Cal.		
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	DETAIL	REMARKS
	2,592	Carex pensylvanica	Pennsylvania Sedge	Plugs		
		1	1	-	1	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	DETAIL	REMARKS
RA	202	Rhus aromatica `Gro-Low`	Gro-Low Fragrant Sumac	1 gal.		3` O.C.

### PLANTING NOTES

1. CONTRACTOR SHALL STAKE PLANT LOCATIONS TO BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. FINAL LOCATIONS TO BE CONFIRMED IN FIELD.

2. ALL PLANT MATERIAL AND PLANTING PROCEDURES SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE "AMERICAN STANDARD FOR NURSERY STOCK" PUBLISHED BY THE AMERICAN NURSERYMAN'S ASSOCIATION.

3. ALL PLANTS SHALL BE BALLED IN BURLAP UNLESS OTHERWISE INDICATED ON THE PLANT SCHEDULE.

4. CONTRACTOR SHALL LOCATE AND VERIFY EXISTING AND NEW UNDERGROUND UTILITY LOCATIONS PRIOR TO PLANTING.

5. CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND SPREADING TOPSOIL (6" MINIMUM FINISHED DEPTH), FINE GRADING AND SEEDING ANY AREAS DESIGNATED ON PLAN AND ANY AREAS DISTURBED DURING THE CONSTRUCTION AND NOT OTHERWISE DEVELOPED UNDER THIS CONTRACT BOTH WITHIN AND OUTSIDE OF THE LIMIT OF WORK LINE.

6. ALL PLANT BEDS SHALL RECEIVE 3" DEPTH OF PINE BARK MULCH EXCEPT AS OTHERWISE SHOWN. 7. PROVIDE EROSION CONTROL MATTING AT ALL SEEDED SLOPES 3H: IV AND STEEPER AND ALONG

BOTTOM OF ALL SWALES IMMEDIATELY AFTER FINE GRADING AND SEEDING.

# BUFFER ZONE PLANTING AREA SEED MIX COMPOSITION

SEED MIX SPECIFICATIONS

PREFERRED MIX: "NEW ENGLAND EROSION CONTROL / RESTORATION MIX FOR DRY SITES" OR EQUIVALENT Elymus canadensis (Canada Wild Rye)

Festuca rubra (Red Fescue) Lolium multiflorum (Annual Ryegrass) Lolium perenne (Perennial Ryegrass) Schizachyrium scoparium (Little Bluestem) Panicum virgatum (Switch Grass) Sorghastrum nutans (Indian Grass)

LEGEND:
LOW
$(1) (+) (\cdot)$
2 L606 + +
1 L606
4 L606
5 L606

APPROXIMATE LIMIT OF WORK LINE DECIDUOUS TREE PLANTING

> EVERGREEN TREE PLANTING

ORNAMENTAL OR MULTISTEM TREE

SHRUB PLANTING

GROUNDCOVER

BUFFER ZONE PLANTING AREA AND SEED MIX

 7
 ---- COMPOST AND SEED

 L602
 ---- OVER MODIFIED ROCKFILL

INVASIVE SPECIES MANAGEMENT AND/OR BUFFER ZONE PLANTING AREA #1					
QTY	BOTANICAL NAME	COMMON NAME	SIZE		
19	Hamamelis virginiana	Common Witch Hazel	#2		
16	Pinus strobus	White Pine	2' ht.		
3	Quercus alba	White Oak	0.75" cal.		
12	Quercus rubra	Red Oak	1" cal.		
12	Vaccinium corymbosum	Highbush Blueberry	#2		
INVASIVE SPECIES MANAGEMENT AND/OR BUFFER ZONE PLANTING AREA #2					

INVASIVE SPECIES MANAGEMENT AND/OR BUFFER ZONE PLANTING AREA #2					
QTY	BOTANICAL NAME	COMMON NAME	SIZE		
3	Acer rubrum	Red Maple	1" cal.		
11	Hamamelis virginiana	Common Witch Hazel	#2		
9	Pinus strobus	White Pine	2' ht.		
4	Quercus alba	White Oak	0.75" cal.		
6	Quercus rubra	Red Oak	1" cal.		
13	Vaccinium corymbosum	Highbush Blueberry	#2		

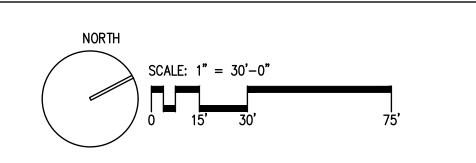
INVASIVE SPECIES MANAGEMENT AND/OR BUFFER ZONE PLANTING AREA #3					
QTY	BOTANICAL NAME	COMMON NAME	SIZE		
14	Hamamelis virginiana	Common Witch Hazel	#2		
8	Pinus strobus	White Pine	2' ht.		
4	Quercus alba	White Oak	0.75" cal.		
3	Quercus rubra	Red Oak	1" cal.		
12	Vaccinium corymbosum	Highbush Blueberry	#2		

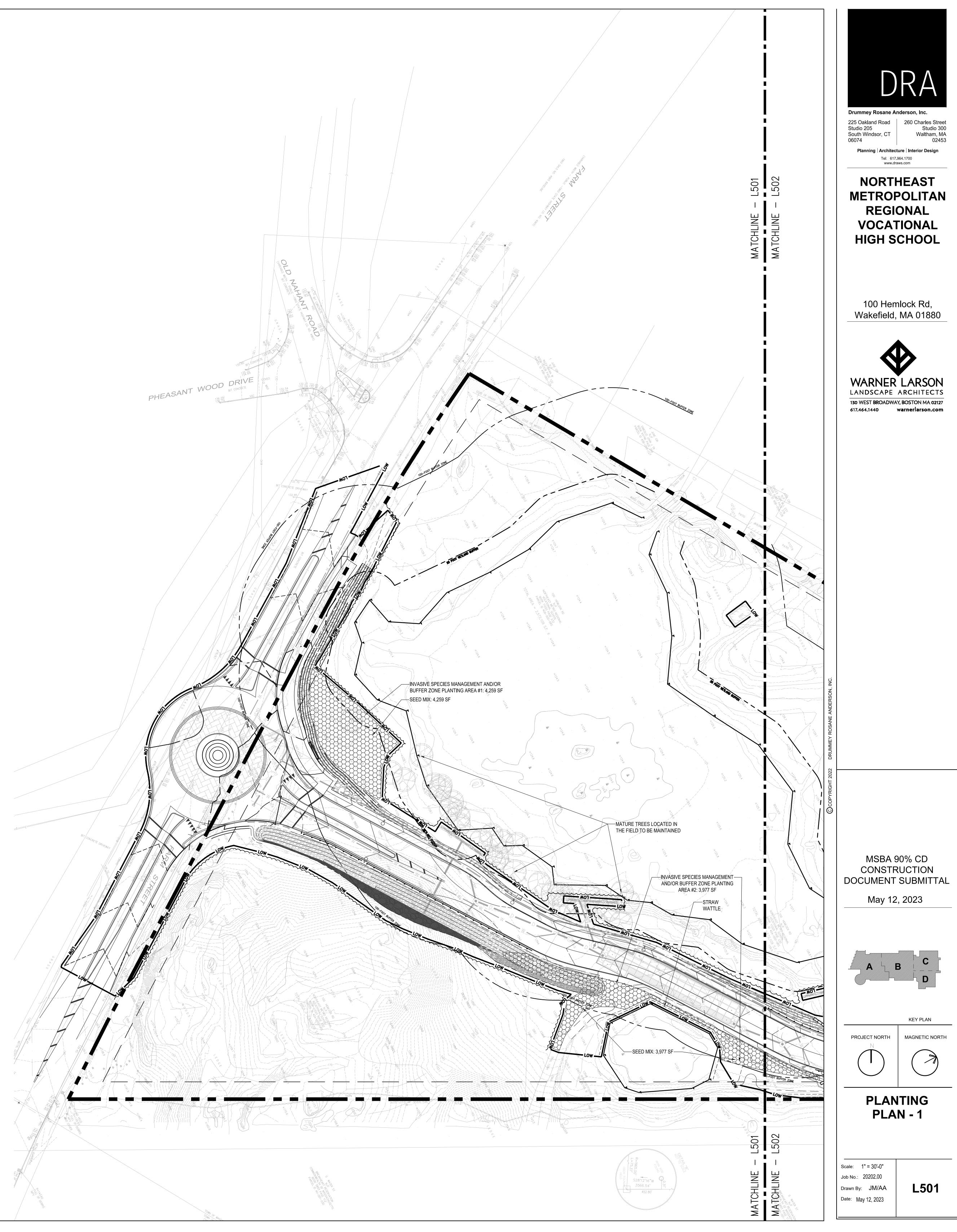
### INVASIVE SPECIES MANAGEMENT AND/OR BUFFER ZONE PLANTING AREA #4 0-25 FOOT BUFFER ZONE

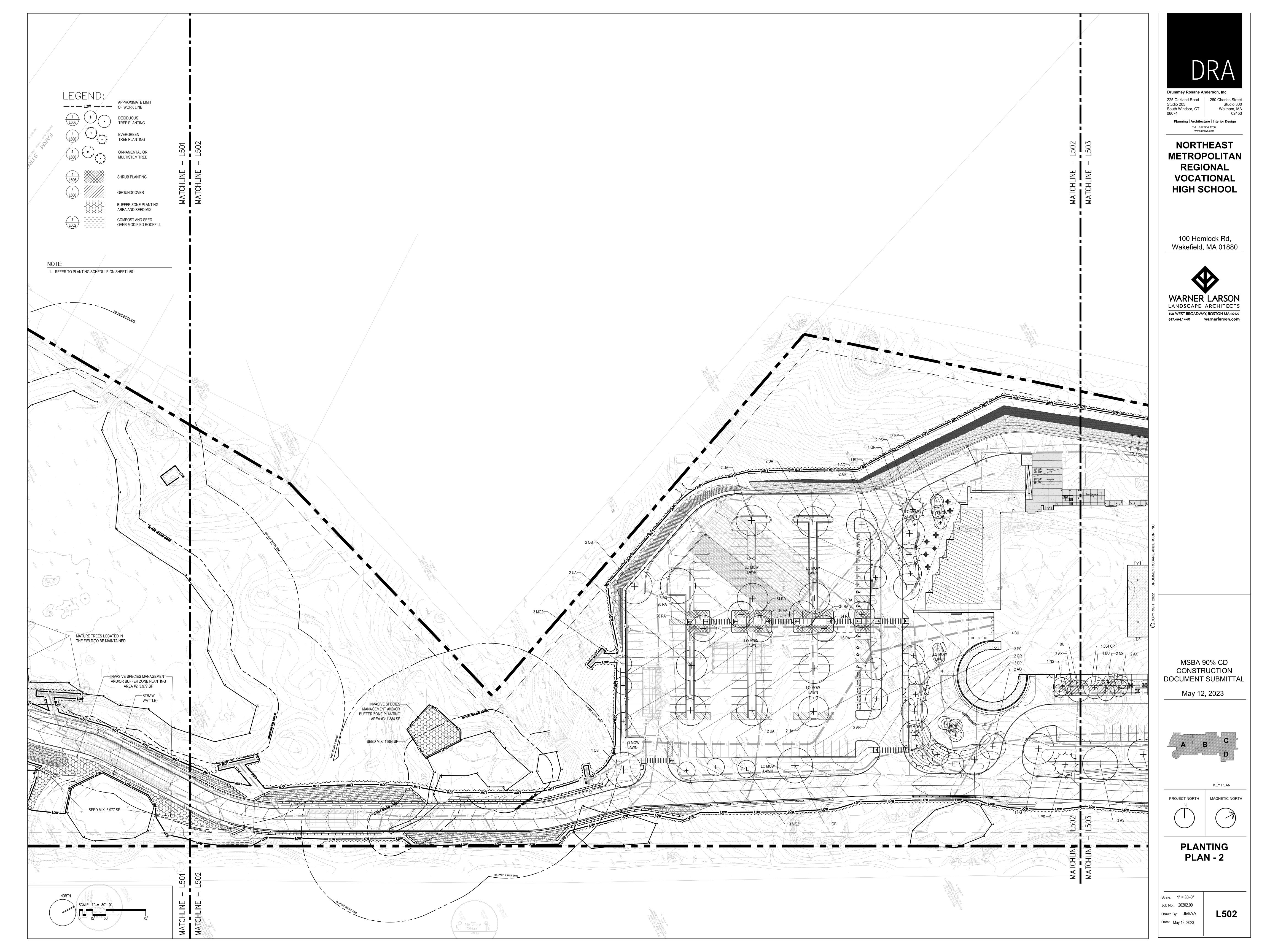
QTY	BOTANICAL NAME	COMMON NAME	SPACING	SIZE
8	Acer rubrum	Red Maple	10-12' O.C.	3'-4' minimum
8	Alnus incana	Speckled Alder	6' O.C., clustered	3'-4' minimum
5	Amelanchier canadensis	Serviceberry	6' O.C., clustered	3'-4' minimum
8	Vburnum dentatum	Northern Arrowwood	6' O.C., clustered	3'-4' minimum
5	Cornus sericea	Red-Osier Dogwood	6' O.C., clustered	3'-4' minimum
5	Photinia melanocarpa	Black Chokeberry	6' O.C., clustered	3'-4' minimum
8	Vaccinium corymbosum	Highbush Blueberry	6' O.C., clustered	3'-4' minimum
25-100	FOOT BUFFER ZONE			ł
12	Quercus rubra	Red oak	10-12' O.C.	3'-4' minimum
9	Quercus alba	White oak	10-12' O.C.	3'-4' minimum
7	Acer saccharum	Sugar Maple	10-12' O.C.	3'-4' minimum
9	Acer rubrum	Red Maple	10-12' O.C.	3'-4' minimum
15	Viburnum lentago	Nannyberry	6' O.C., clustered	3'-4' minimum
8	Hamamelis virginiana	Witch Hazel	6' O.C., clustered	3'-4' minimum
11	Viburnum acerfolium	Maple Leaf Viburnum	6' O.C., clustered	3'-4' minimum
13	Vaccinium corymbosum	Highbush Blueberry	6' O.C., clustered	3'-4' minimum

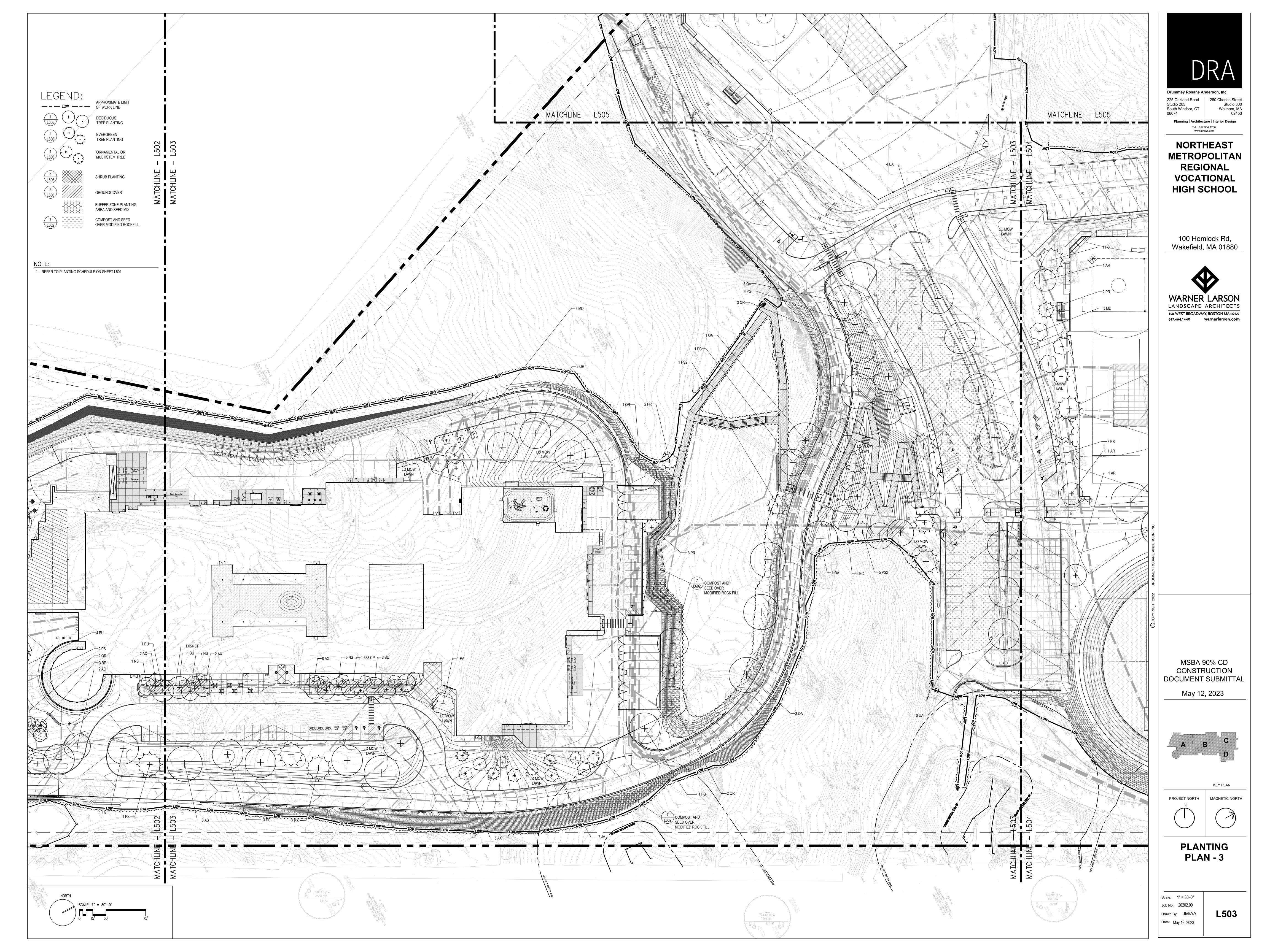
## INVASIVE SPECIES MANAGEMENT AND/OR BUFFER ZONE PLANTING NOTES:

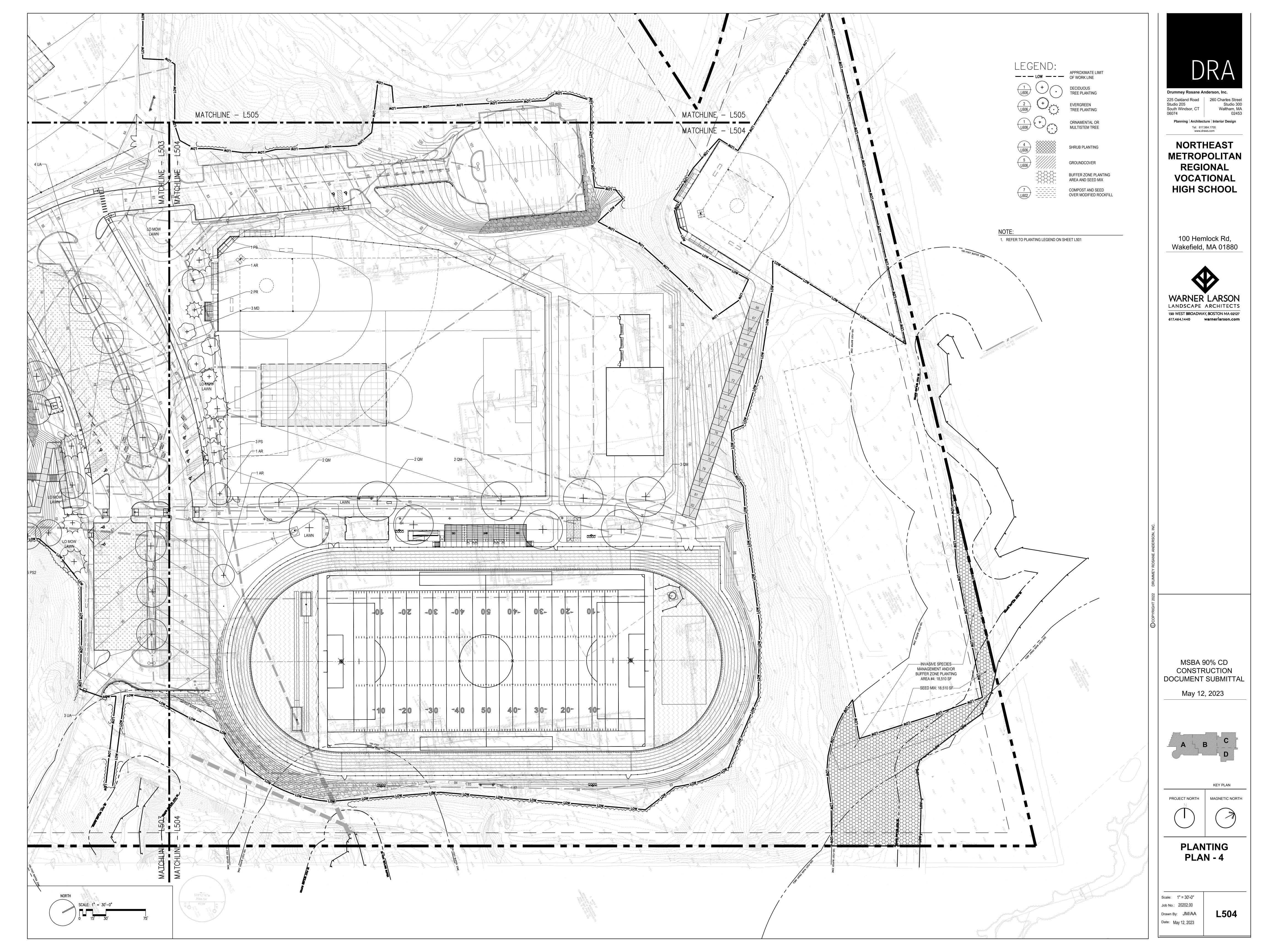
1. ALL BUFFER ZONE PLANTINGS TO BE LOCATED IN FIELD BY LANDSCAPE ARCHITECT.

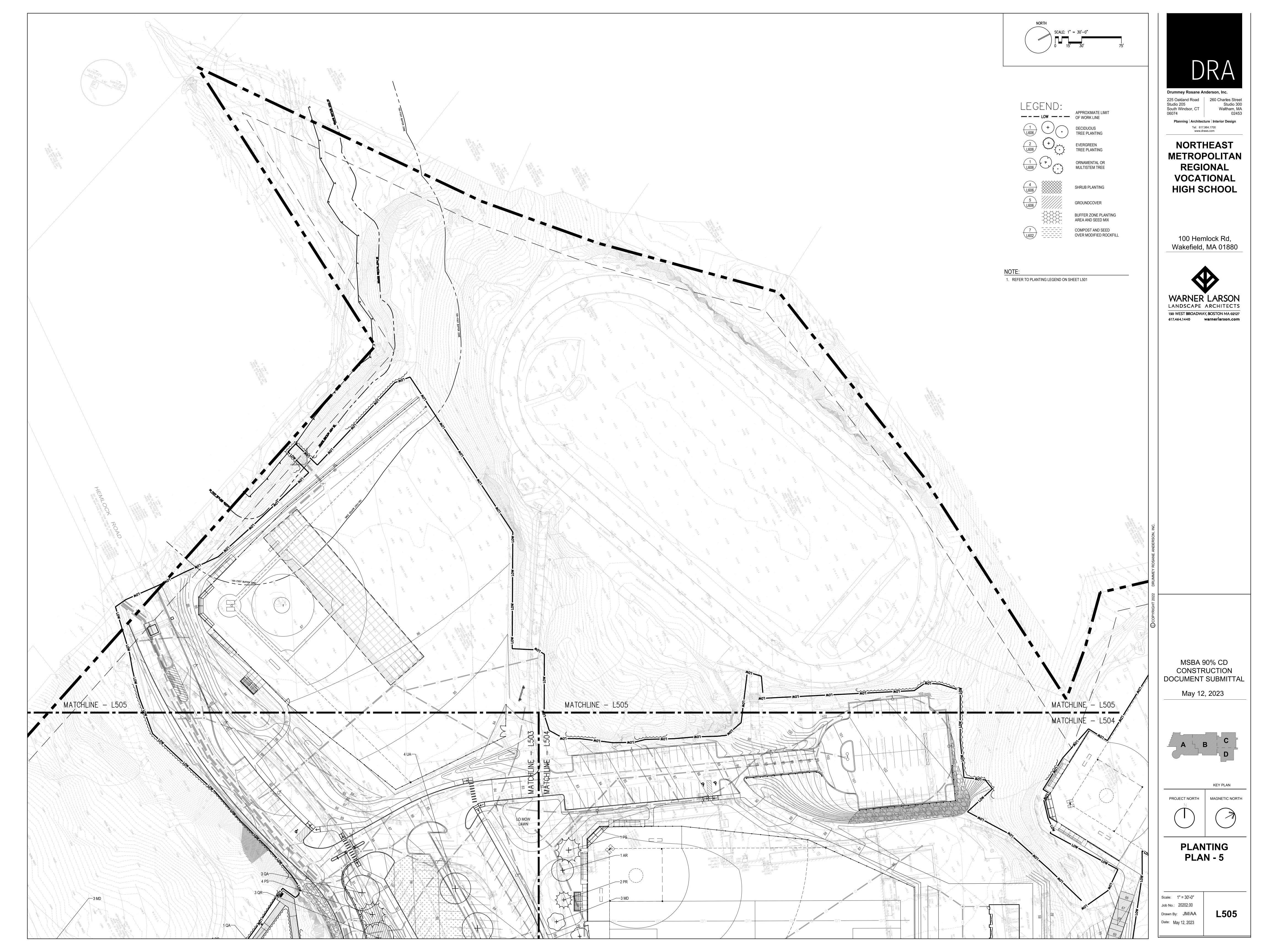


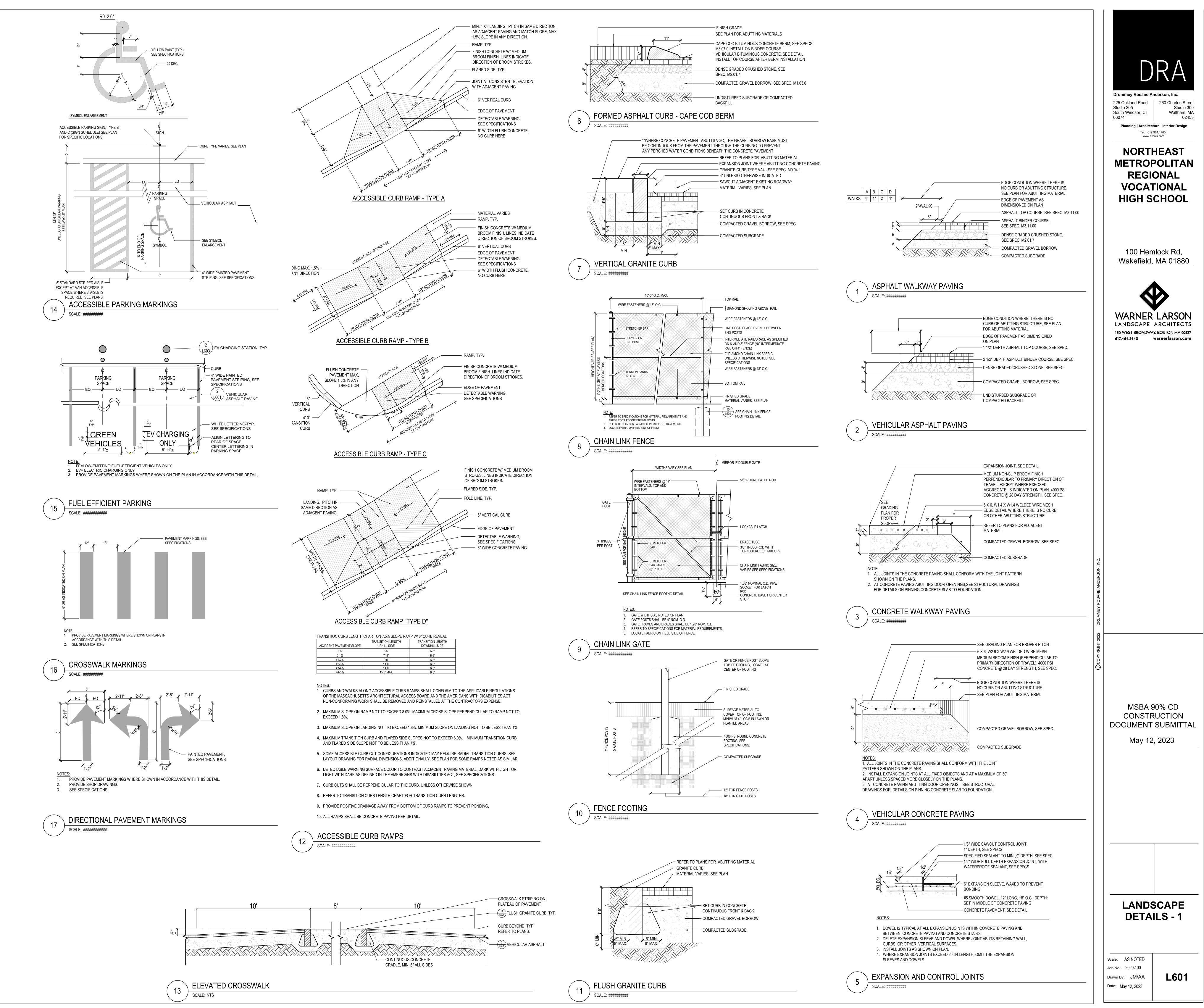


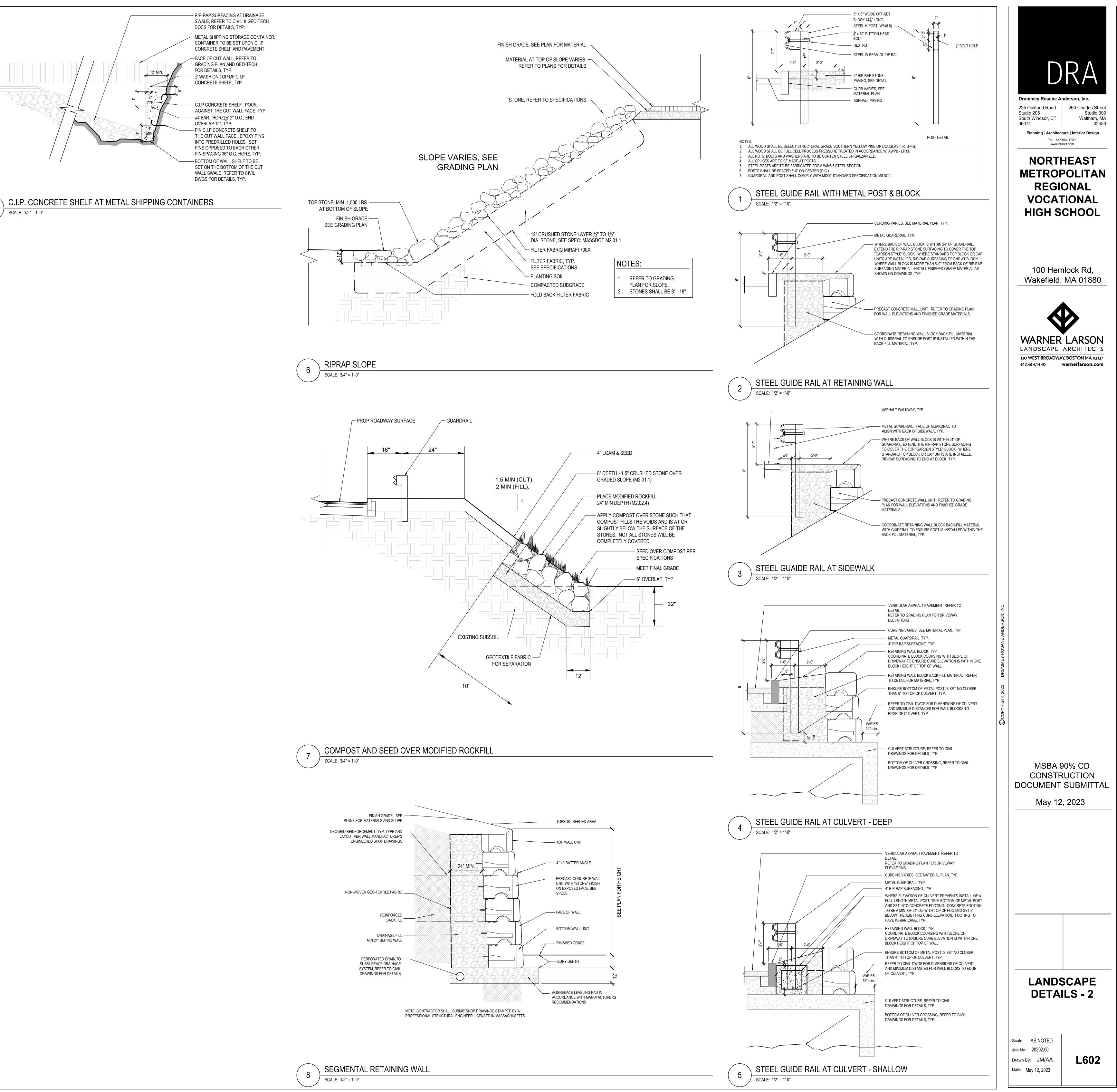


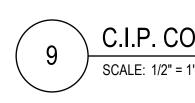


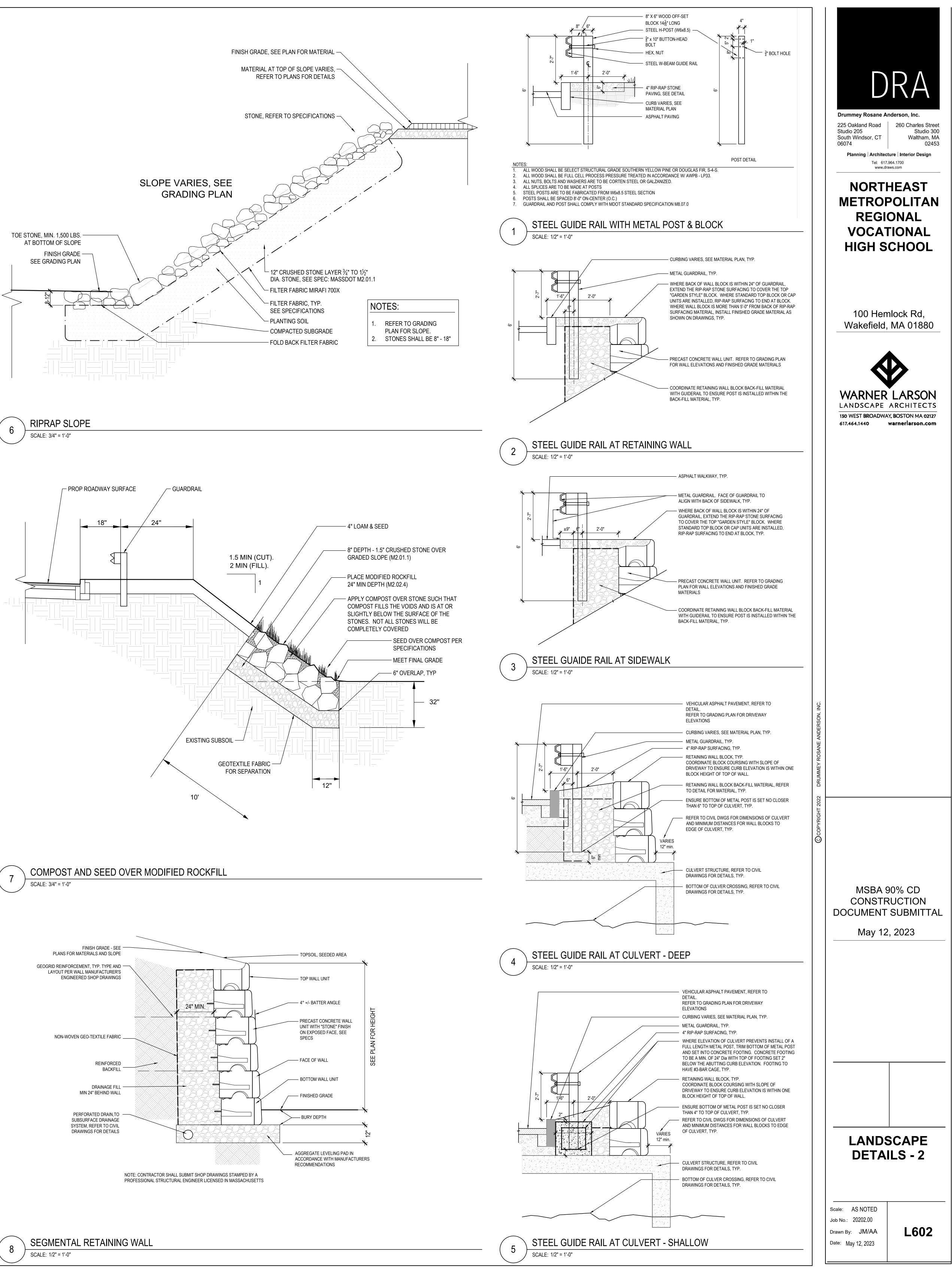


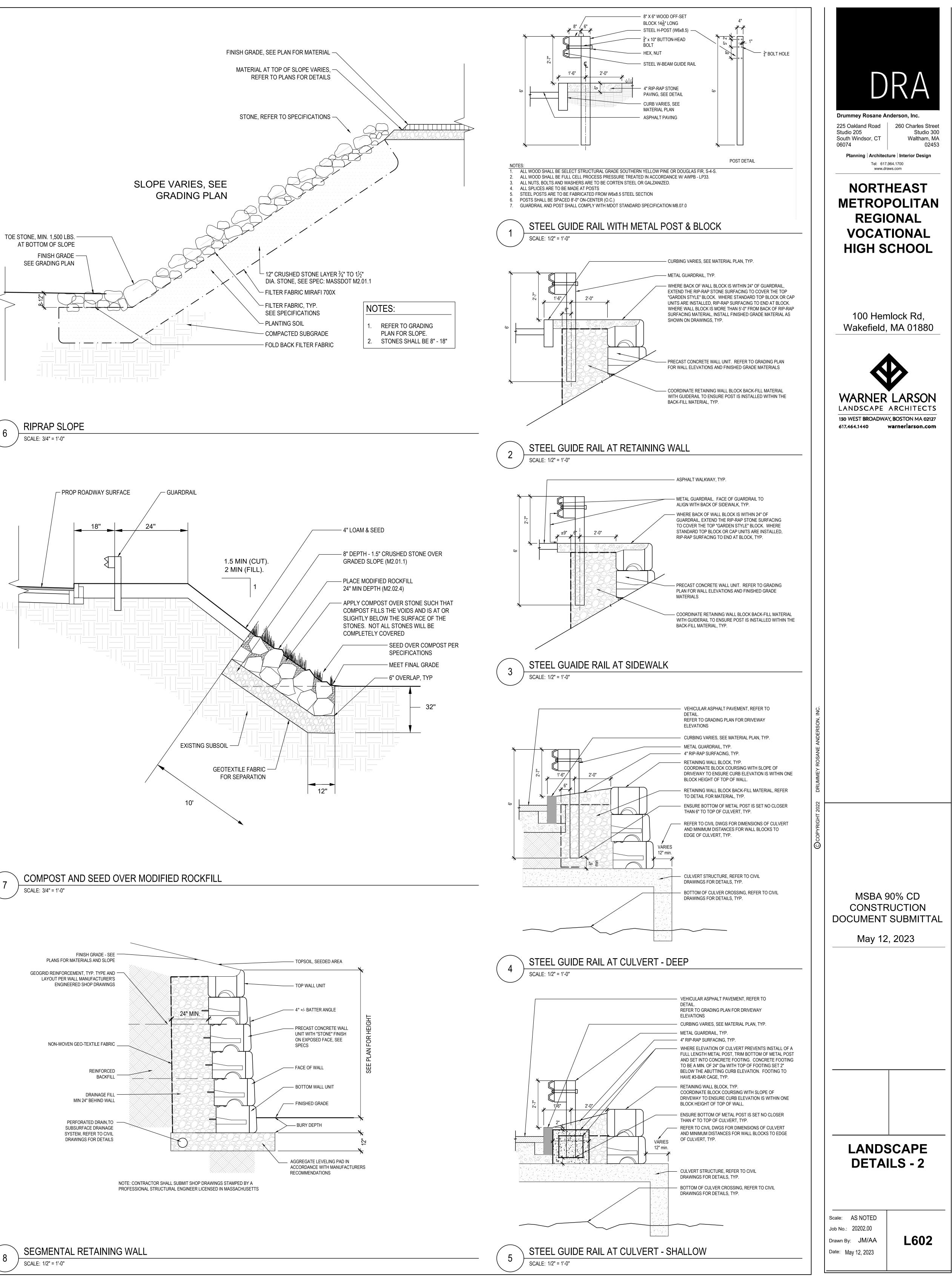


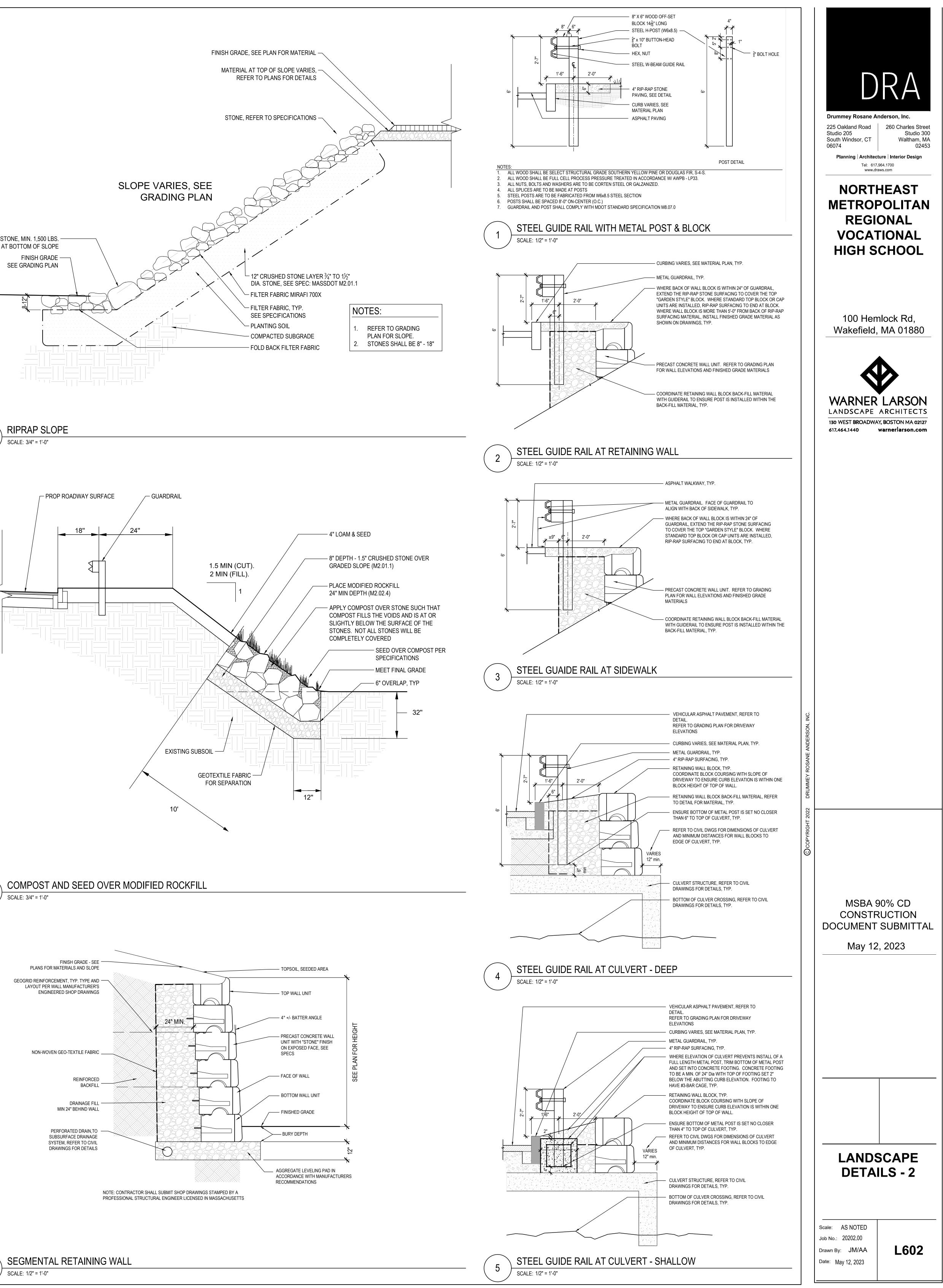




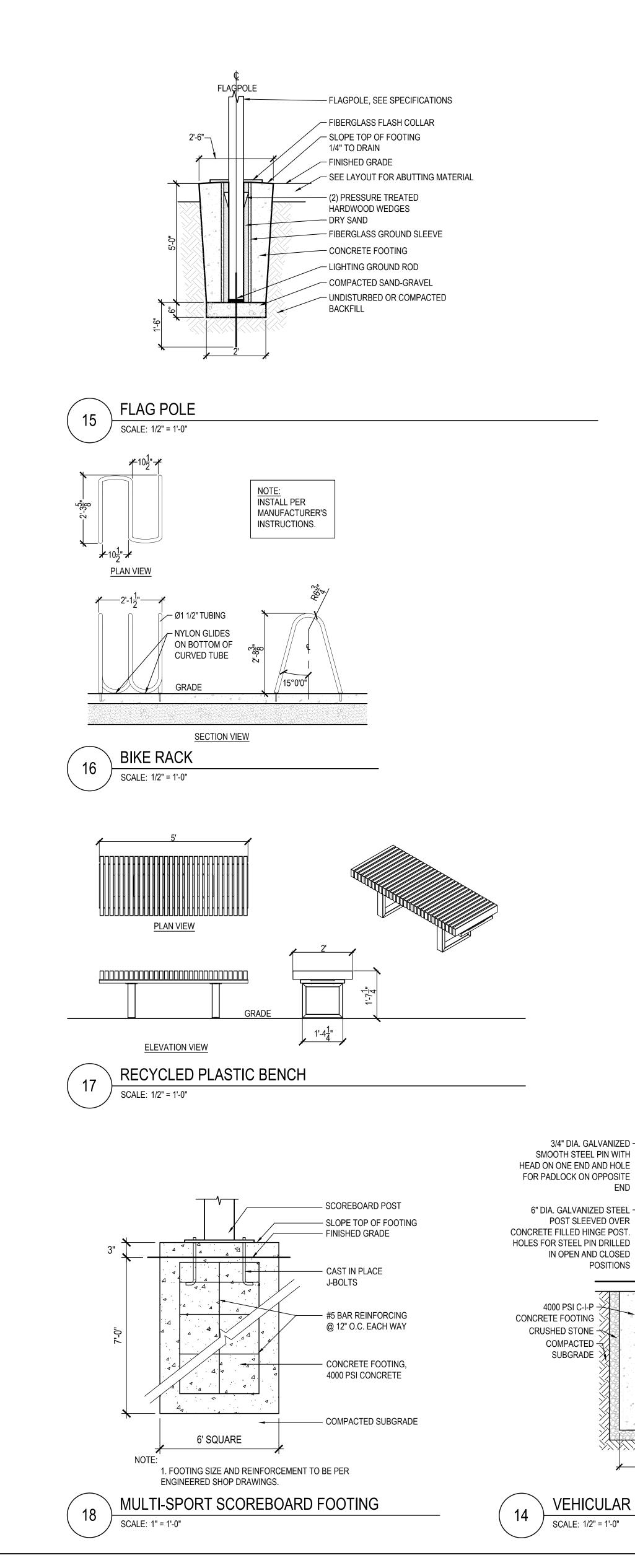


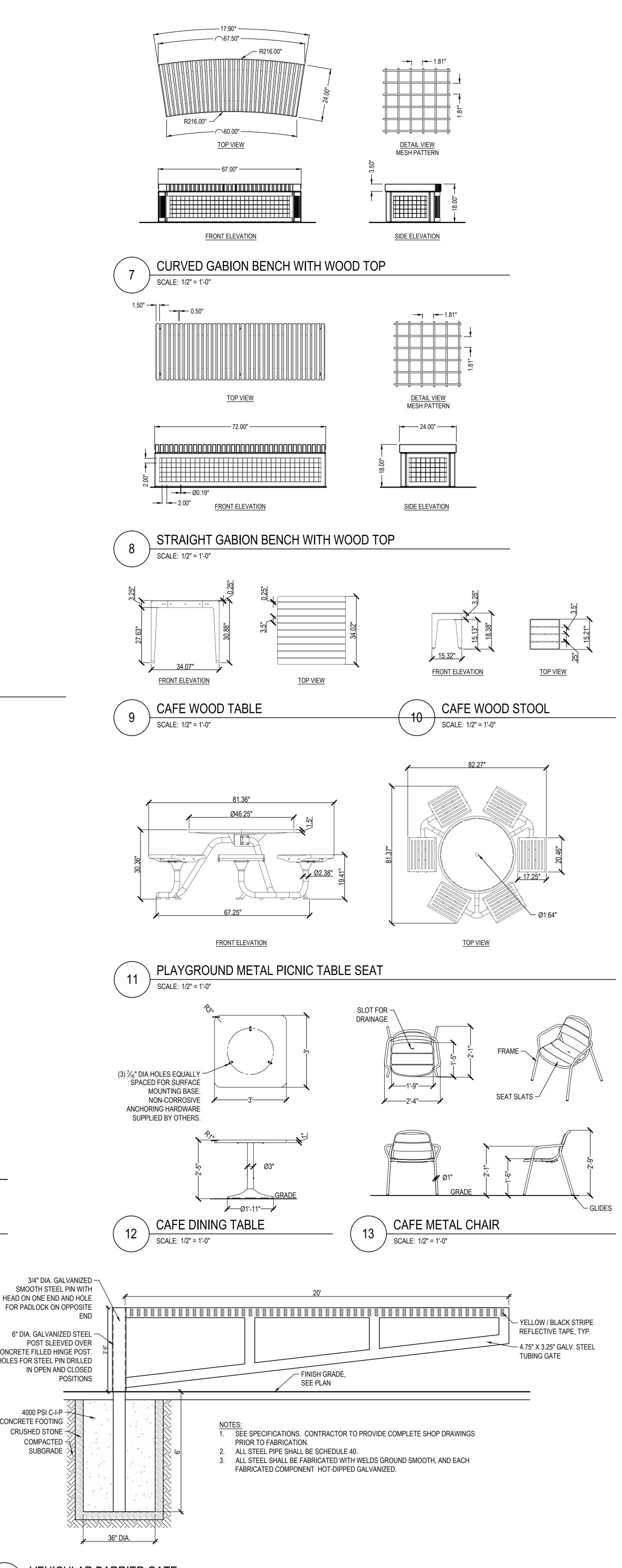




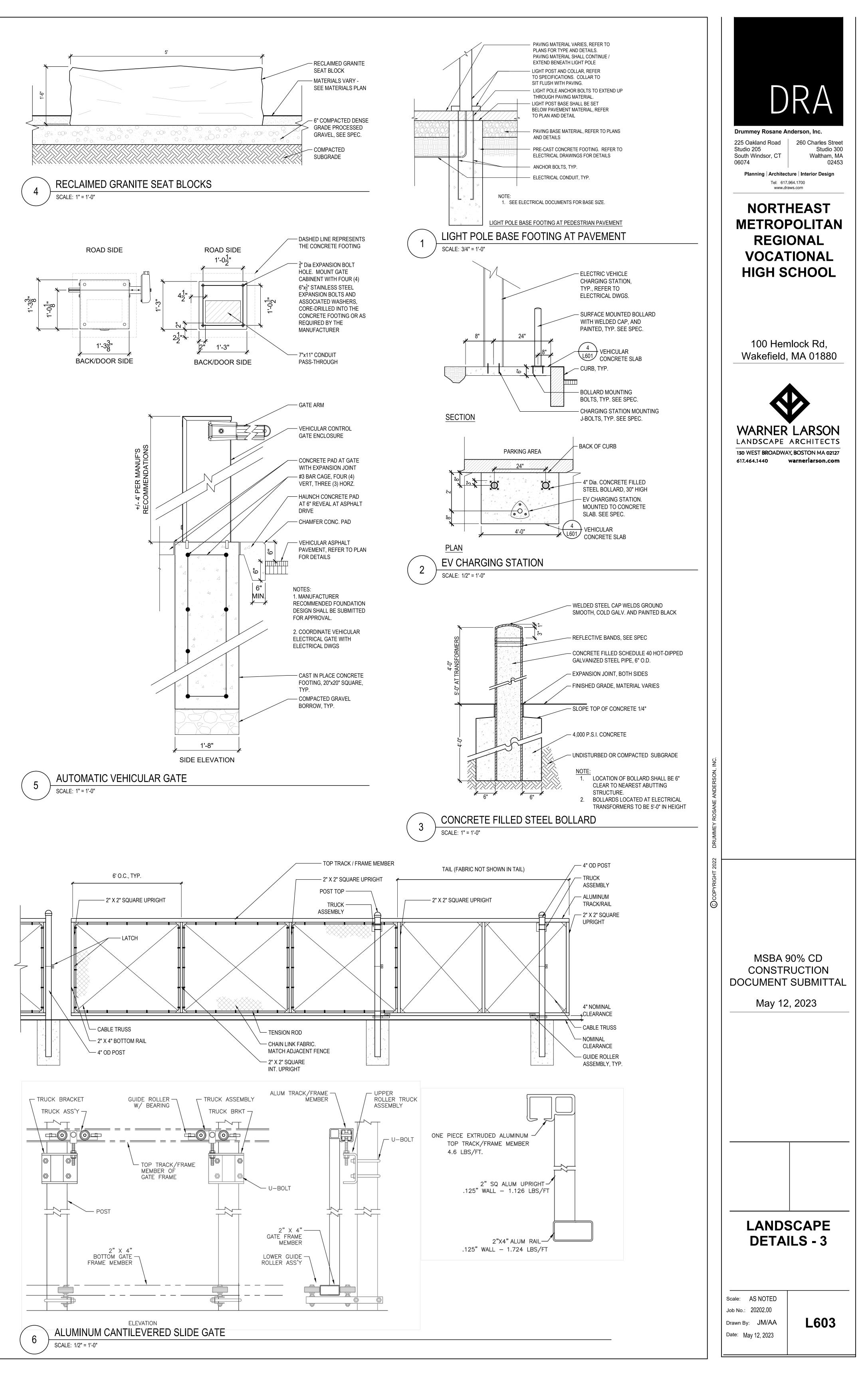


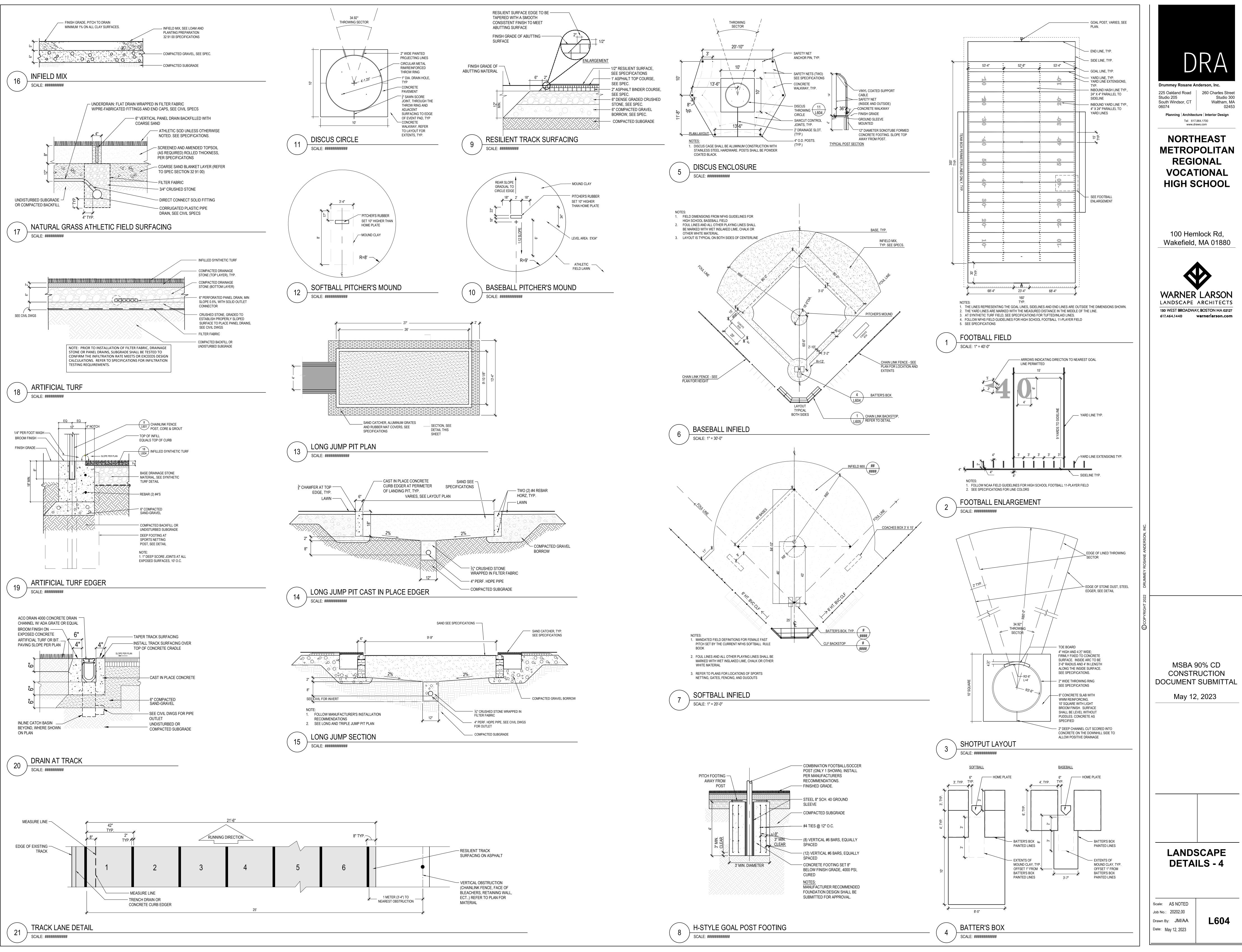


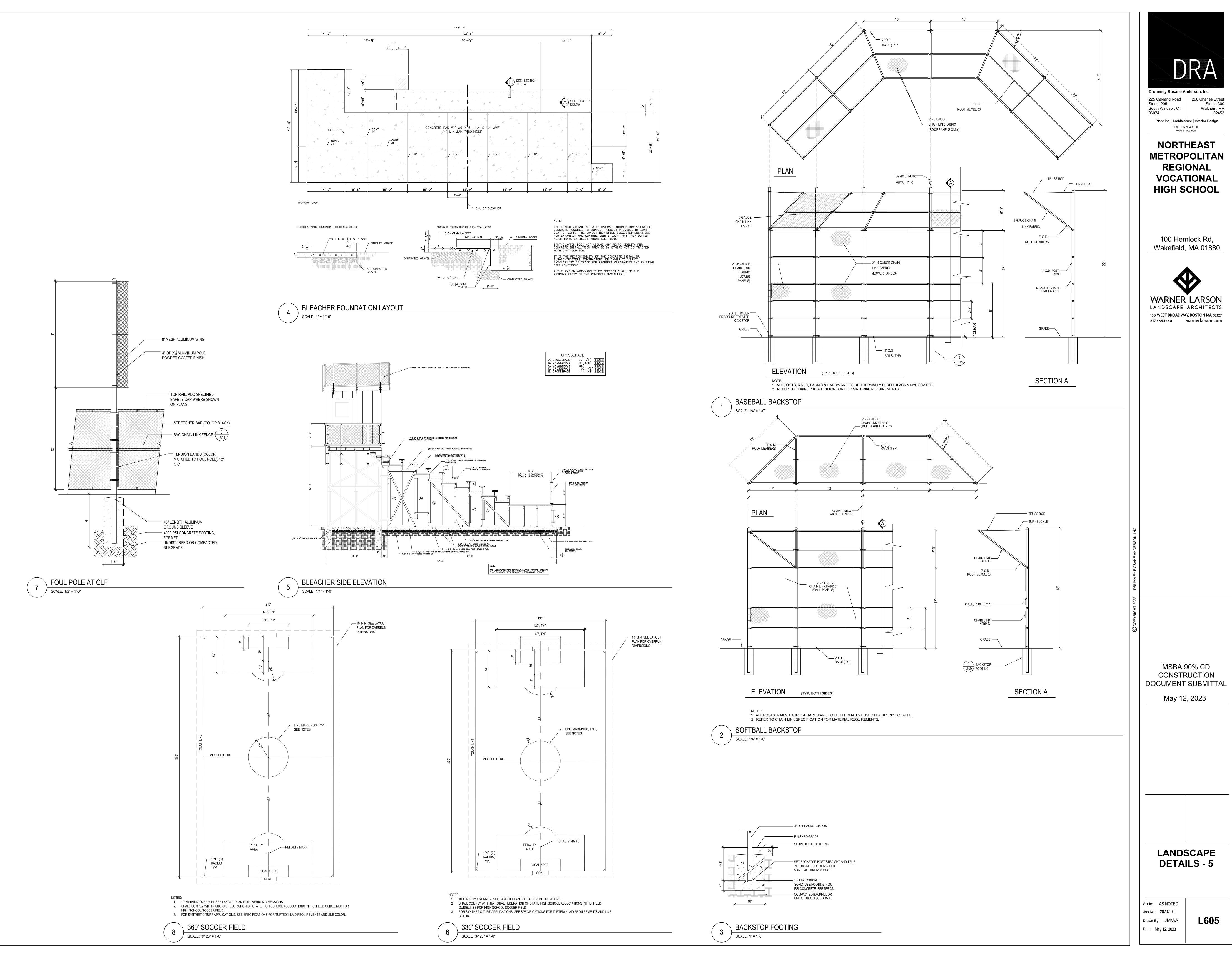


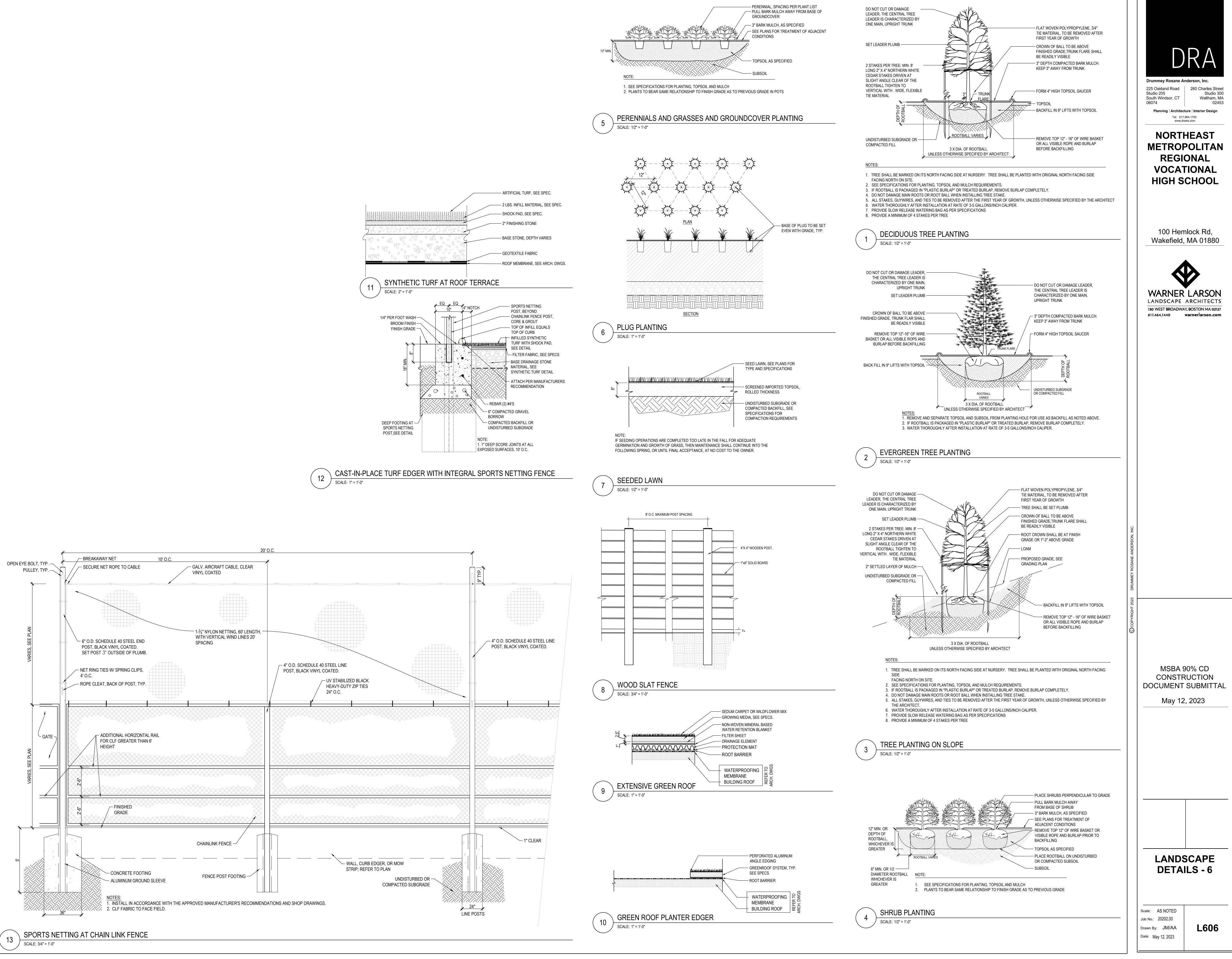


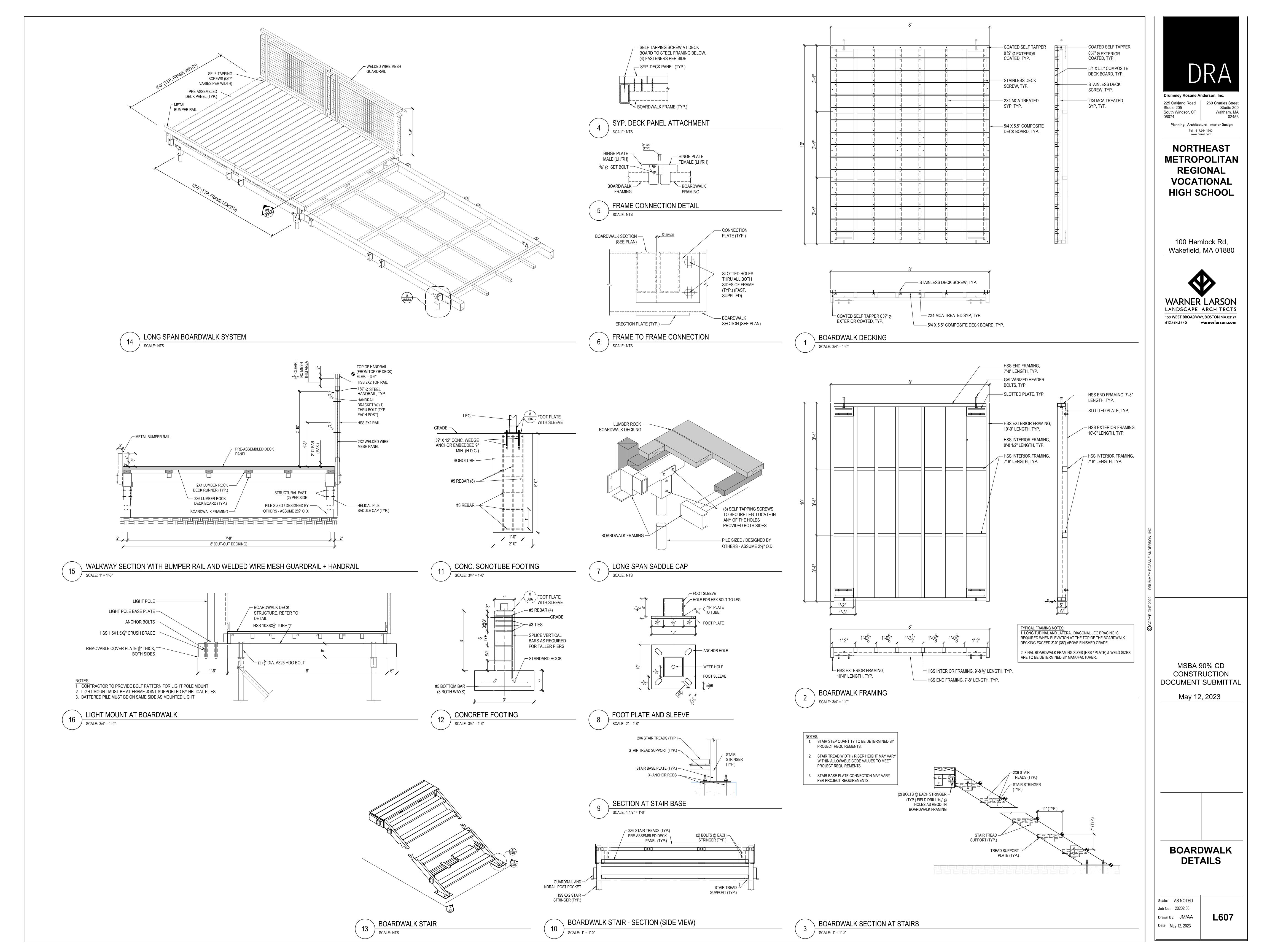
VEHICULAR BARRIER GATE

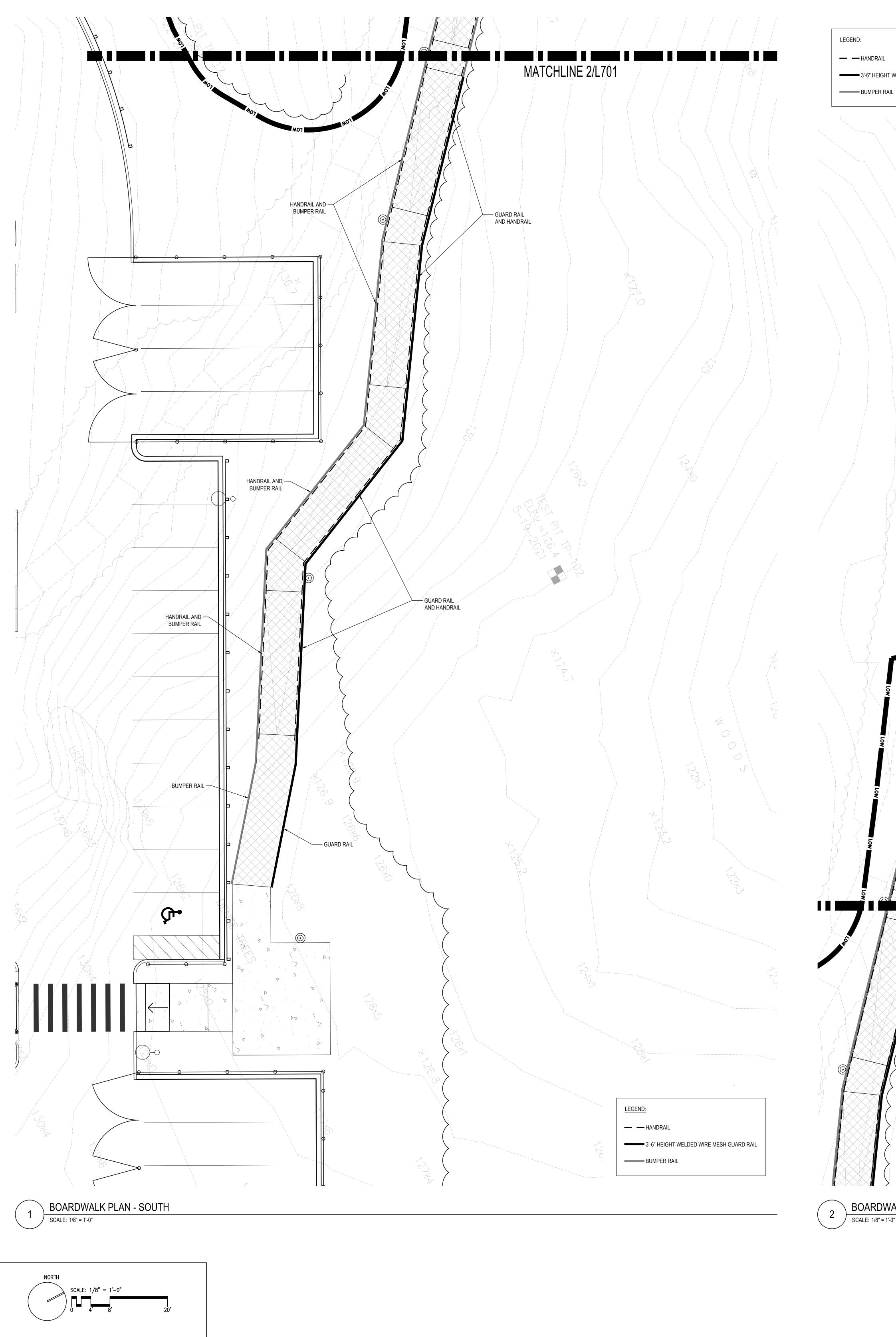


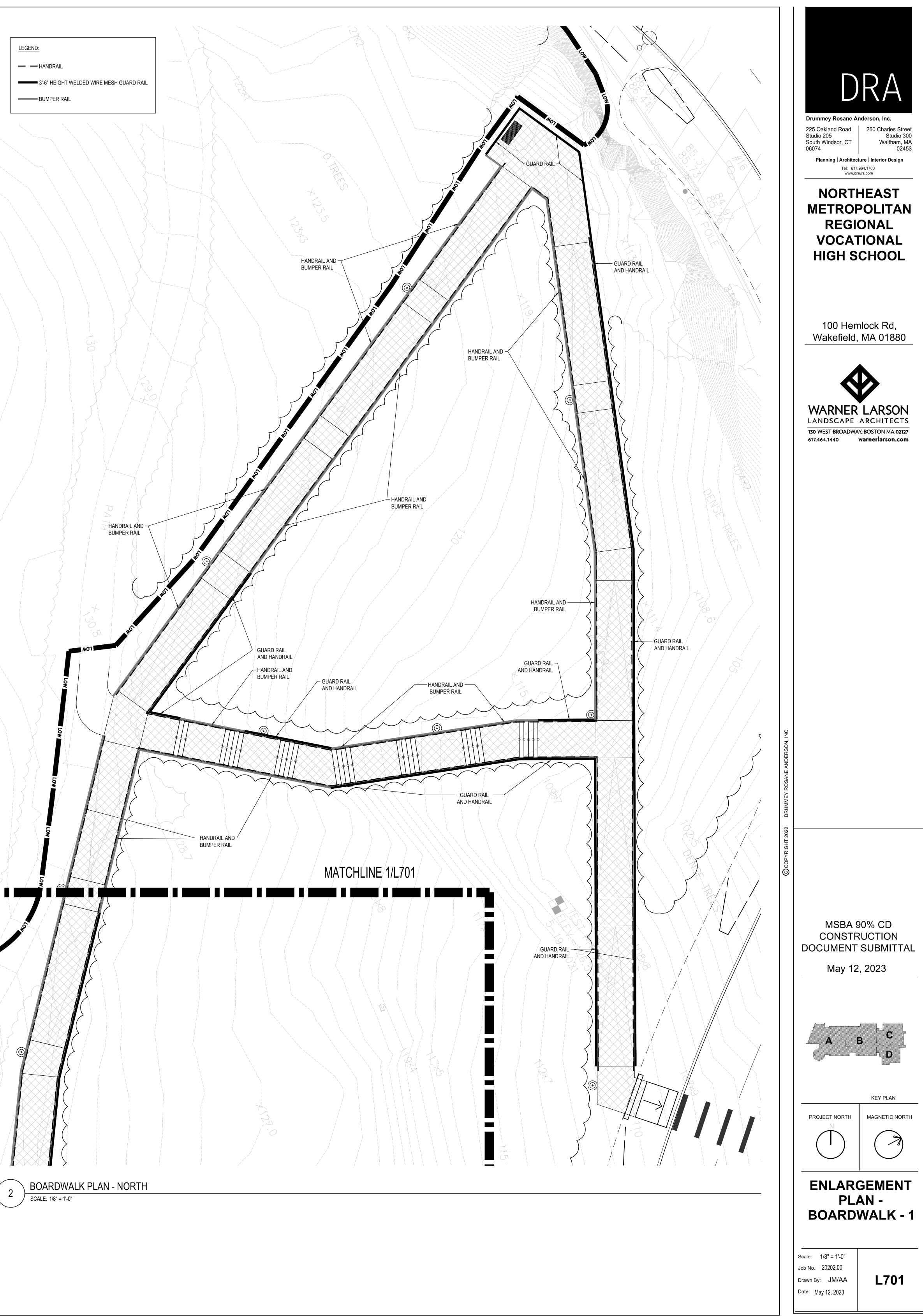


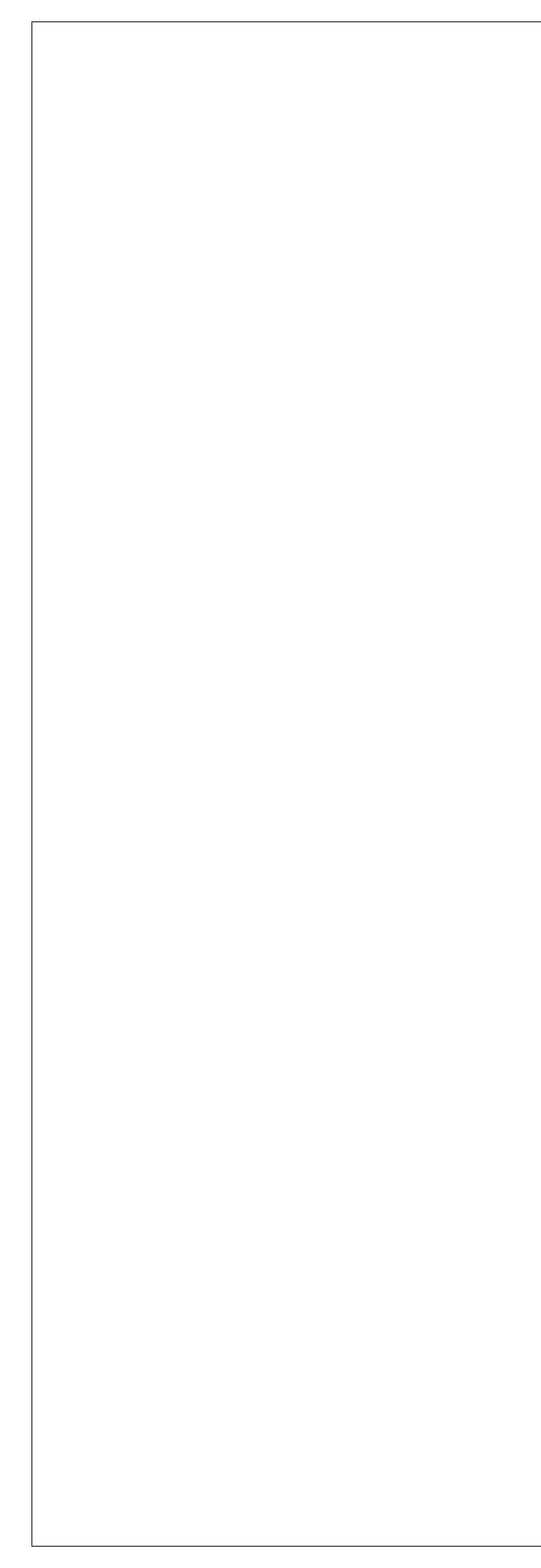


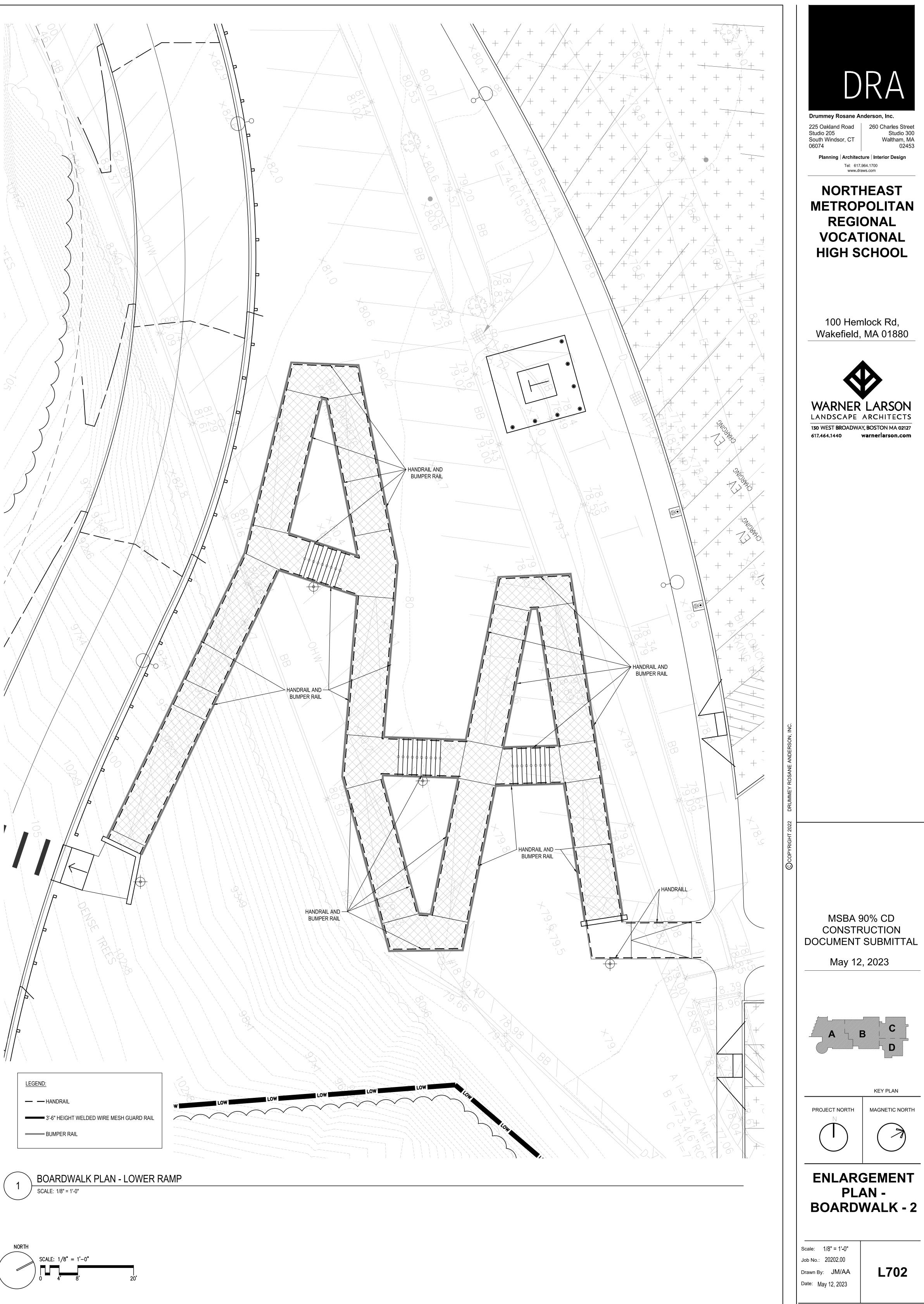


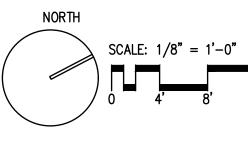






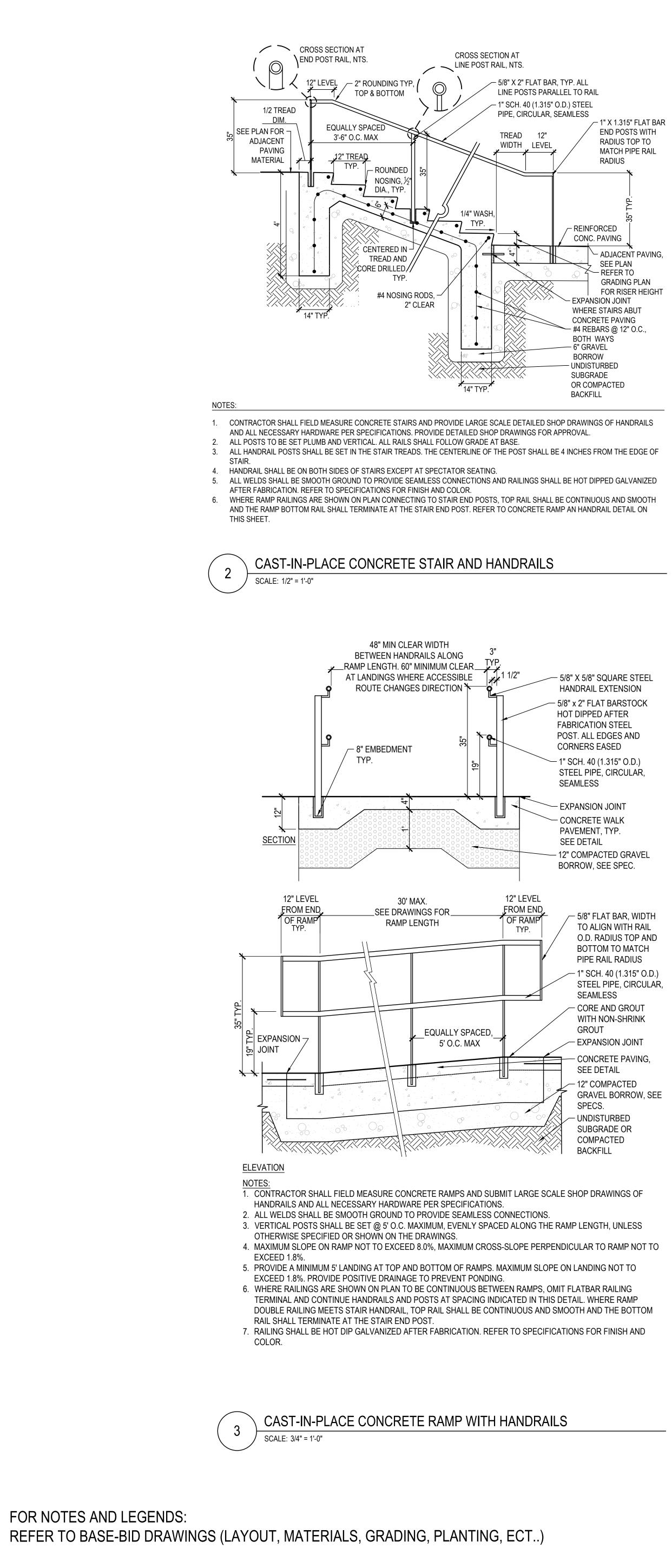






TREES	QTY	BOTANICAL NAME
QA	3	Quercus alba
DECIDUOUS TREES	QTY	BOTANICAL NAME
BC	6	Betula papyrifera 'Clump'
QR	5	Quercus rubra
EVERGREEN TREES	QTY	BOTANICAL NAME
PS	4	Pinus strobus
PS2	5	Pinus strobus

FOR NOTES AND LEGENDS:



SIZE COMMON NAME REMARKS 1.5" Cal. White Oak SIZE REMARKS COMMON NAME 7-8` Ht. B&B Clump Paper Birch Red Oak 2.5-3" cal. B&B Native COMMON NAME SIZE REMARKS 8-10` Ht. B&B Native Evergreen White Pine White Pine 5-6`Ht. B&B

