

DRA

Drumme Rosane Anderson, Inc.
200 Charles Street Studio 300 Waltham, MA 02453
225 Oakland Road Studio 205 South Windsor, CT 06071
Planning | Architecture | Interior Design
Tel: 617.864.1700
www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038



TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL NOTICE OF INTENT



CIVIL ENGINEER: **samiotes**
Samiotes Consultants Inc.
Civil Engineers + Land Surveyors
20 A STREET FRAMINGHAM, MA 01701
T 508.877.6688
F 508.877.8349
WWW.SAMIOTES.COM

LAND SURVEYOR: **samiotes**
Samiotes Consultants Inc.
Civil Engineers + Land Surveyors
20 A STREET FRAMINGHAM, MA 01701
T 508.877.6688
F 508.877.8349
WWW.SAMIOTES.COM

ARCHITECT: **DRA**
Drumme Rosane Anderson, Inc.
DRUMMEY ROSANE ANDERSON, INC.
200 CHARLES STREET
STUDIO 300
WALTHAM, MA 02453
617.864.1700
WWW.DRAWS.COM

ENVIRONMENTAL PERMITTING: **ECR**
ENVIRONMENTAL CONSULTING & RESTORATION, LLC
26 UNION STREET
PLYMOUTH, MA 02360
617.529.3792

LANDSCAPE ARCHITECT: **WARNER LARSON**
LANDSCAPE ARCHITECTS
WARNER LARSON LANDSCAPE ARCHITECTS
130 W BROADWAY
BOSTON, MA 021207
617.464.1140

147 POND STREET
FRANKLIN, MA 02038

APPLICANT:
KAREN MAGUIRE - SCHOOL SUPERINTENDENT
TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL
HIGH SCHOOL
FRANKLIN, MA 02038

OWNER:
SAME AS APPLICANT
MAY 22, 2024

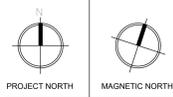
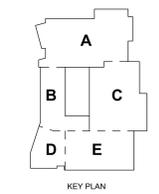
DRAWING LIST

DRAWING TITLE	DRAWING NUMBER
COVER SHEET	KEY
EXISTING CONDITIONS PLAN	EX-2
EXISTING CONDITIONS PLAN	EX-3
EXISTING CONDITIONS PLAN	EX-4
EXISTING CONDITIONS PLAN	EX-5
EXISTING CONDITIONS PLAN	EX-6
CIVIL UTILITY REMOVAL & EROSION CONTROL PLAN- KEYSHEET	C001
CIVIL UTILITY REMOVAL & EROSION CONTROL PLAN	C100
CIVIL UTILITY REMOVAL & EROSION CONTROL PLAN	C101
CIVIL UTILITY REMOVAL & EROSION CONTROL PLAN	C102
CIVIL UTILITY REMOVAL & EROSION CONTROL PLAN	C103
CIVIL UTILITY REMOVAL & EROSION CONTROL PLAN	C104
CIVIL LAYOUT PLAN-KEYSHEET	C105
CIVIL LAYOUT PLAN	C200
CIVIL LAYOUT PLAN	C201
CIVIL LAYOUT PLAN	C202
CIVIL LAYOUT PLAN	C203
CIVIL LAYOUT PLAN	C204
GRADING PLAN-KEYSHEET	C205
GRADING PLAN	C300
GRADING PLAN	C301
GRADING PLAN	C302
GRADING PLAN	C303
GRADING PLAN	C304
CIVIL UTILITIES PLAN-KEYSHEET	C305
CIVIL UTILITIES PLAN	C400
CIVIL UTILITIES PLAN	C401
CIVIL UTILITIES PLAN	C402
CIVIL UTILITIES PLAN	C403
CIVIL UTILITIES PLAN	C404
STORMWATER MANAGEMENT PLAN-KEYSHEET	C405
STORMWATER MANAGEMENT PLAN	C500
STORMWATER MANAGEMENT PLAN	C501
STORMWATER MANAGEMENT PLAN	C502
STORMWATER MANAGEMENT PLAN	C503
STORMWATER MANAGEMENT PLAN	C504
STORMWATER MANAGEMENT PLAN	C505
CIVIL DETAILS	C506
CIVIL DETAILS	C601
CIVIL DETAILS	C602
CIVIL DETAILS	C603
LANDSCAPE OVERALL PLAN	L200
LANDSCAPE GRADING PLANS	L201-L205
LANDSCAPE PLANTING PLANS	L301-L305
LANDSCAPE DETAILS	L401-L405

NOTICE OF INTENT

BID SET #01
SITE ENABLING
CONTRACT
DOCUMENTS

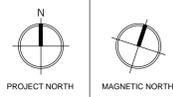
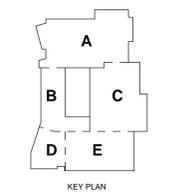
05/08/2024



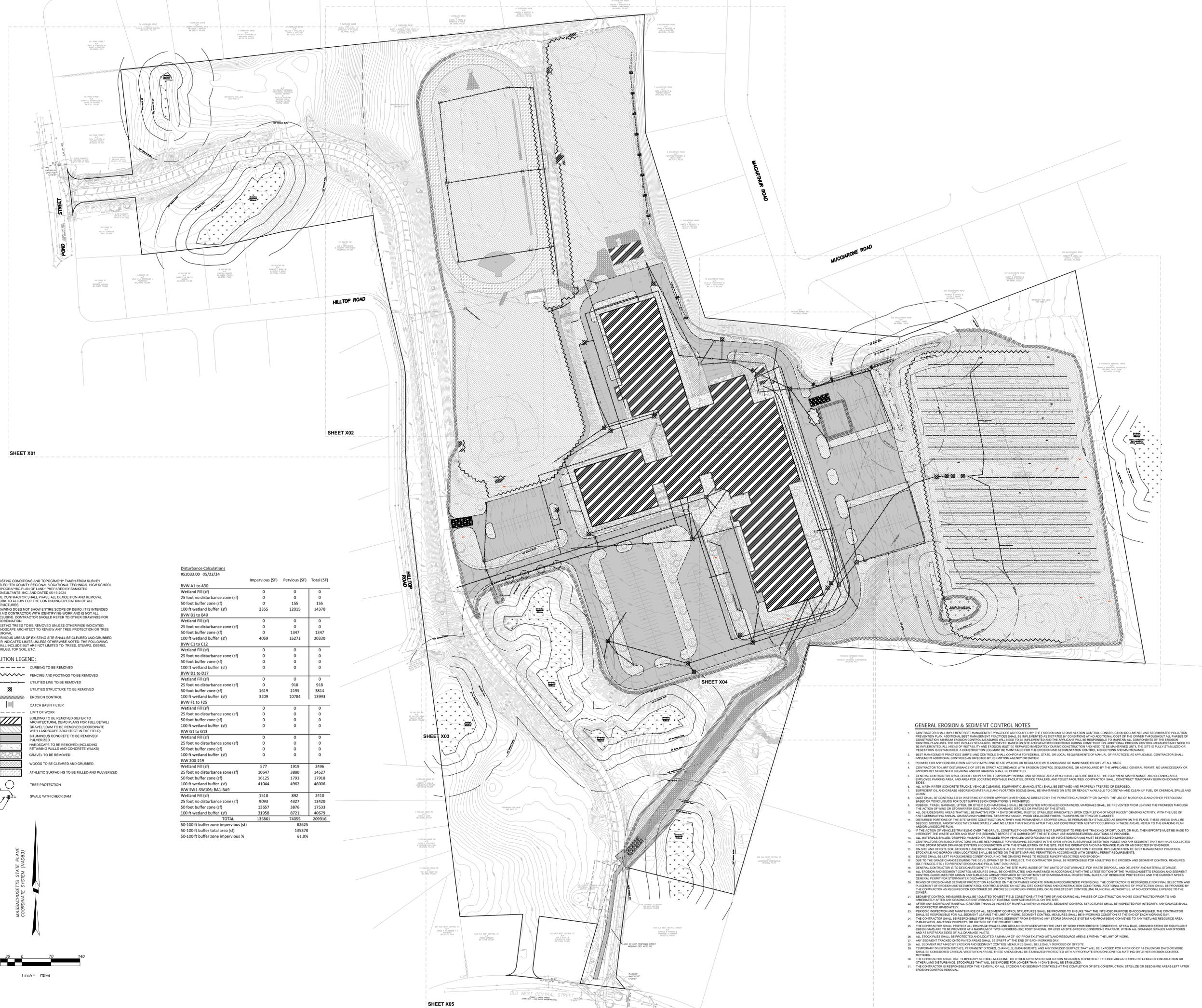
NTS

Scale:
Project: 52033.00
Author:
Date: 05/02/2024

© COPYRIGHT 2023, DRUMMEY ROSANE ANDERSON, INC.



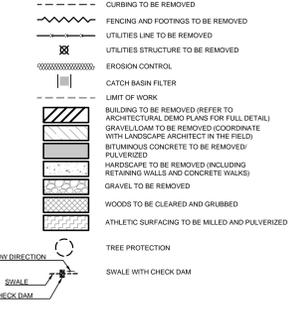
SITE PREPARATION AND EROSION CONTROL SHEET



NOTES:

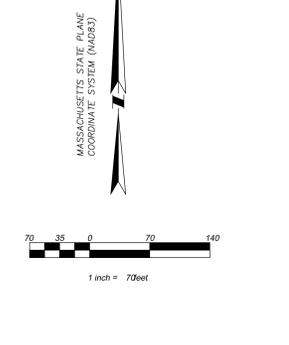
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMETES CONSULTANTS, INC. AND DATED 06-19-2024
- THE CONTRACTOR SHALL PHASE ALL DEMOLITION AND REMOVAL WORK TO ALLOW FOR THE CONTINUING OPERATION OF ALL STRUCTURES
- DRAWING DOES NOT SHOW ENTIRE SCOPE OF DEMO. IT IS INTENDED TO AID CONTRACTOR WITH IDENTIFYING WORK AND IS NOT ALL INCLUSIVE. CONTRACTOR SHOULD REFER TO OTHER DRAWINGS FOR COORDINATION.
- EXISTING TREES TO BE REMOVED UNLESS OTHERWISE INDICATED. LANDSCAPE ARCHITECT TO REVIEW ANY TREE PROTECTION OR TREE REMOVAL.
- PREVIOUS AREAS OF EXISTING SITE SHALL BE CLEARED AND GRUBBED PER INDICATED LIMITS UNLESS OTHERWISE NOTED. THE FOLLOWING SHALL INCLUDE BUT ARE NOT LIMITED TO: TREES, STUMPS, DEBRIS, SHRUBS, TOP SOIL, ETC.

DEMOLITION LEGEND:



Disturbance Calculations
 #52033.00 05/22/24

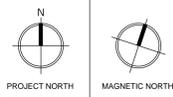
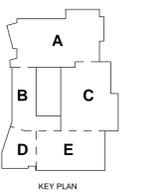
	Impervious (SF)	Pervious (SF)	Total (SF)
BW A1 to A30			
Wetland Fill (sf)	0	0	0
25 foot no disturbance zone (sf)	0	0	155
50 foot buffer zone (sf)	0	155	155
100 ft wetland buffer (sf)	2355	12015	14370
BW B1 to B40			
Wetland Fill (sf)	0	0	0
25 foot no disturbance zone (sf)	0	0	0
50 foot buffer zone (sf)	0	1347	1347
100 ft wetland buffer (sf)	4059	16271	20330
BW C1 to C12			
Wetland Fill (sf)	0	0	0
25 foot no disturbance zone (sf)	0	0	0
50 foot buffer zone (sf)	0	0	0
100 ft wetland buffer (sf)	0	0	0
BW D1 to D17			
Wetland Fill (sf)	0	0	0
25 foot no disturbance zone (sf)	0	918	918
50 foot buffer zone (sf)	1619	2195	3814
100 ft wetland buffer (sf)	3209	10784	13993
BW F1 to F25			
Wetland Fill (sf)	0	0	0
25 foot no disturbance zone (sf)	0	0	0
50 foot buffer zone (sf)	0	0	0
100 ft wetland buffer (sf)	0	0	0
IWV G1 to G13			
Wetland Fill (sf)	0	0	0
25 foot no disturbance zone (sf)	0	0	0
50 foot buffer zone (sf)	0	0	0
100 ft wetland buffer (sf)	0	0	0
IWV 200-219			
Wetland Fill (sf)	577	1919	2496
25 foot no disturbance zone (sf)	10647	3880	14527
50 foot buffer zone (sf)	16125	1793	17918
100 ft wetland buffer (sf)	41044	4962	46006
IWV SW1-SW106; BA1-BA9			
Wetland Fill (sf)	1518	892	2410
25 foot no disturbance zone (sf)	9093	4327	13420
50 foot buffer zone (sf)	13657	3876	17533
100 ft wetland buffer (sf)	31958	8721	40679
TOTAL	135861	74055	209916
50-100 ft buffer zone impervious (sf)		82625	
50-100 ft buffer total area (sf)		335378	
50-100 ft buffer zone impervious %		61.0%	



GENERAL EROSION & SEDIMENT CONTROL NOTES

- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE EROSION AND SEDIMENTATION CONTROL CONSTRUCTION DOCUMENTS AND STORMWATER POLLUTION PREVENTION PLAN. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION. MINIMAL EROSION CONTROL MEASURES WILL BE NECESSARY TO MAINTAIN ALL COMPONENTS OF THE EROSION CONTROL PLAN. THE SITE IS FULLY STABILIZED, HOWEVER, EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL THE SITE IS FULLY STABILIZED OR VEGETATION IS ESTABLISHED. A CONSTRUCTION LOG MUST BE MAINTAINED FOR THE EROSION AND SEDIMENTATION CONTROL, INSPECTION AND MAINTENANCE.
- BEST MANAGEMENT PRACTICES (BMPs) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OF MANUAL OF PRACTICES, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- CONTRACTOR TO AVOID OBSTRUCTION OF SITE IN STREET ACCORDANCE WITH EROSION CONTROL, SEDIMENTATION, OR AS REQUIRED BY THE APPLICABLE GENERAL PERMIT AND UNLESS NECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.
- GENERAL CONTRACTOR SHALL DEVELOP ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA. EMPLOYEE PARKING AREA AND AREA FOR LOADING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. CONTRACTOR SHALL CONSTRUCT TEMPORARY BERM ON DOWNSTREAM SIDES.
- ALL WASH-WATER CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC. SHALL BE DETAINED AND PROPERLY TREATED OR DUMPED.
- PERMITS, TRASH, CARBURETTOR, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL EXPOSED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE, MUST BE STABILIZED IMMEDIATELY UPON COMPLETION OF MOST RECENT GRADING ACTIVITY, WITH THE USE OF FAST GERMINATING ANNUAL GRASS/LEGUME MIXTURES, STRAWMULCH, WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING OR BLANKETS.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS OCCURRED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE REVEGETATED WITH SEEDS AND/OR MULCH IMMEDIATELY, AND NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED.
- IF THE ACTION OF SHOVELS TRAVELING OVER THE GRAVEL CONSTRUCTION DRIVEWAYS IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST, OR OIL, THEN EFFORTS MUST BE MADE TO INTERCEPT THE WASTE WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE IMPROVED LOCATIONS AS PROVIDED.
- IF THE ACTION OF SHOVELS TRAVELING OVER THE GRAVEL CONSTRUCTION DRIVEWAYS IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST, OR OIL, THEN EFFORTS MUST BE MADE TO INTERCEPT THE WASTE WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE IMPROVED LOCATIONS AS PROVIDED.
- CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE OPEN-AREA SUBSURFACE DETENTION PONDS AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONNECTION WITH THE STABILIZATION OF THE SITE FOR THE OPERATION AND MAINTENANCE PLAN AS DIRECTED BY ENGINEER.
- ON-SITE AND OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREAS LOCATIONS SHALL BE DETERMINED AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSESSING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTANT DISCHARGE.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND MAINTENANCE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE LATEST EDITION OF THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS OR THE EQUIVALENT OF ENVIRONMENTAL PROTECTION AGENCY (EPA) EROSION CONTROL MEASURES AND THE CURRENT WISER GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.
- MEANS OF EROSION AND SEDIMENT PROTECTION AS NOTED ON THE DRAWINGS INDICATE MINIMUM RECOMMENDED PROVISIONS. THE CONTRACTOR IS RESPONSIBLE FOR FINAL SELECTION AND PLACEMENT OF EROSION AND SEDIMENT CONTROL STRUCTURES BASED ON ACTUAL SITE CONDITIONS AND CONSTRUCTION CONDITIONS. ADDITIONAL MEANS OF PROTECTION SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED FOR CONTROLS OR IMPROVED EROSION PROTECTION, OR AS DIRECTED BY CONTROLLING MUNICIPAL AUTHORITY, AT NO ADDITIONAL EXPENSE TO THE CONTRACTOR.
- SEDIMENT CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF AND DURING ALL PHASES OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO AND IMMEDIATELY AFTER ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
- AFTER ANY SIGNIFICANT RAINFALL GREATER THAN 0.25 INCHES OF RAINFALL WITHIN 24 HOURS, SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED FOR INTEGRITY. ANY DAMAGE SHALL BE CORRECTED IMMEDIATELY.
- PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES SHALL BE PROVIDED TO ENSURE THAT THE INTENDED PURPOSE IS ACCOMPLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEDIMENT CONTROL MEASURES SHOWN IN WORKING PROFILES AT THE END OF EACH WORKING DAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING SEDIMENT FROM ENTERING ANY STORM DRAINAGE SYSTEM AND FROM BEING CONVEYED TO ANY WETLAND RESOURCE AREA. PUBLIC TRAILS ARE TO BE PROTECTED AT A MINIMUM OF TWO HUNDRED (200) FOOT SPACING, UNLESS AS SITE-SPECIFIC CONDITIONS VARY WITHIN ALL DRAINAGE SWALES AND DITCHES.
- THE CONTRACTOR SHALL PROTECT ALL DRAINAGE SWALES AND GROUND SURFACES WITHIN THE LIMIT OF WORK FROM EROSION CONDITIONS. STRAIN BARS, CARVED STONE OR EQUIVALENT CHECK DAMS ARE TO BE PROVIDED AT A MINIMUM OF TWO HUNDRED (200) FOOT SPACING, UNLESS AS SITE-SPECIFIC CONDITIONS VARY WITHIN ALL DRAINAGE SWALES AND DITCHES AND AT UPSTREAM SIDES OF ALL DRAINAGE WELLS.
- ALL STOCK PILES SHALL BE PROTECTED AND LOCATED AT A MINIMUM OF 100' FROM EXISTING WETLAND RESOURCE AREAS & WITHIN THE LIMIT OF WORK.
- ANY SEDIMENT TRACKED ONTO PAVED AREAS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.
- ALL SEDIMENT RETAINED BY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE LEGALLY DISPOSED OF OFFSITE.
- TEMPORARY DIVERSION DITCHES, PERMANENT DITCHES, CHANNELS, SWAMPINGS, AND ANY DENIED SURFACE THAT WILL BE EXPOSED FOR A PERIOD OF 14 CALENDAR DAYS OR MORE SHALL BE CONSIDERED CRITICAL. THESE AREAS SHALL BE STABILIZED PROTECTED WITH APPROPRIATE EROSION CONTROL MATING OR OTHER EROSION CONTROL MEASURES.
- OTHER LAND USES/RESOURCES, STOCKPILES THAT WILL BE EXPOSED FOR LONGER THAN 14 DAYS SHALL BE STABILIZED.
- THE CONTRACTOR SHALL USE TEMPORARY SEEDING, MULCHING, OR OTHER APPROVED STABILIZATION MEASURES TO PREVENT EROSION AREAS DURING PROLONGED CONSTRUCTION OR OTHER LAND USES/RESOURCES. STOCKPILES THAT WILL BE EXPOSED FOR LONGER THAN 14 DAYS SHALL BE STABILIZED.
- THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL EROSION AND SEDIMENT CONTROLS AT THE COMPLETION OF SITE CONSTRUCTION. STABILIZE OR BEE BARE AREAS LEFT AFTER EROSION CONTROL REMOVAL.

SHEET X05

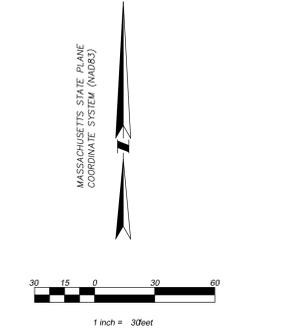


SITE
PREPARATION
AND EROSION
CONTROL PLAN



- NOTES**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMETES CONSULTANTS, INC. AND DATED 06-13-2024.
 - THE CONTRACTOR SHALL MAKE ALL DEMOLITION AND REMOVE WORK TO ALLOW FOR THE CONTINUING OPERATION OF ALL STRUCTURES.
 - DRAWINGS DOES NOT SHOW ENTIRE SCOPE OF DEMO. IT IS INTENDED TO AID CONTRACTOR WITH IDENTIFYING WORK AND IS NOT ALL INCLUSIVE. CONTRACTOR SHOULD REFER TO OTHER DRAWINGS FOR COORDINATION.
 - EXISTING TREES TO BE REMOVED UNLESS OTHERWISE INDICATED. LANDSCAPE ARCHITECT TO REVIEW ANY TREE PROTECTION OR TREE REMOVAL.
 - PREVIOUS AREAS OF EXISTING SITE SHALL BE CLEARED AND GRUBBED PER INDICATED LIMITS UNLESS OTHERWISE NOTED. THE FOLLOWING SHALL INCLUDE BUT ARE NOT LIMITED TO TREES, STUMPS, DEBRIS, SHRUBS, TOP SOIL, ETC.

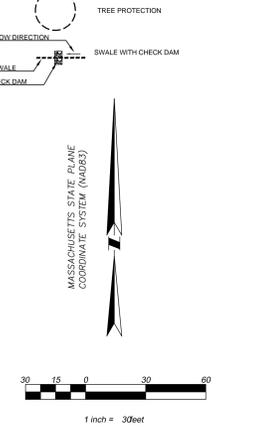
- DEMOLITION LEGEND:**
- CURBING TO BE REMOVED
 - FENCING AND FOOTINGS TO BE REMOVED
 - UTILITIES LINE TO BE REMOVED
 - UTILITIES STRUCTURE TO BE REMOVED
 - EROSION CONTROL
 - CATCH BASIN FILTER
 - LIMIT OF WORK
 - BUILDING TO BE REMOVED (REFER TO ARCHITECTURAL DEMO PLANS FOR FULL DETAIL)
 - GRAVEL/DAM TO BE REMOVED (COORDINATE WITH LANDSCAPE ARCHITECT IN THE FIELD)
 - BUTYRINOUS CONCRETE TO BE REMOVED (PULVERIZED)
 - HARDSCAPE TO BE REMOVED (INCLUDING RETAINING WALLS AND CONCRETE WALKS)
 - GRAVEL TO BE REMOVED
 - WOODS TO BE CLEARED AND GRUBBED
 - ATLETIC SURFACING TO BE MILLED AND PULVERIZED
 - TREE PROTECTION
 - SWALE WITH CHECK DAM
 - SWALE
 - CHECK DAM
 - FLOW DIRECTION





- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOETS CONSULTANTS, INC. AND DATED 05-13-2024
 - THE CONTRACTOR SHALL MAINTAIN ALL DEMOLITION AND REMOVAL WORK TO ALLOW FOR THE CONTINUING OPERATION OF ALL STRUCTURES
 - DRAWINGS DOES NOT SHOW ENTIRE SCOPE OF DEMO. IT IS INTENDED TO AID CONTRACTOR WITH IDENTIFYING WORK AND IS NOT ALL INCLUSIVE. CONTRACTOR SHOULD REFER TO OTHER DRAWINGS FOR COORDINATION.
 - EXISTING TREES TO BE REMOVED UNLESS OTHERWISE INDICATED. LANDSCAPE ARCHITECT TO REVIEW ANY TREE PROTECTION OR TREE REMOVAL.
 - PERVIOUS AREAS OF EXISTING SITE SHALL BE CLEARED AND GRUBBED PER INDICATED LIMITS UNLESS OTHERWISE NOTED. THE FOLLOWING SHALL INCLUDE BUT ARE NOT LIMITED TO TREES, STUMPS, DEBRIS, SHRUBS, TOP SOIL, ETC.

- DEMOLITION LEGEND:**
- CURBING TO BE REMOVED
 - FENCING AND FOOTINGS TO BE REMOVED
 - UTILITIES LINE TO BE REMOVED
 - UTILITIES STRUCTURE TO BE REMOVED
 - EROSION CONTROL
 - CATCH BASIN FILTER
 - LIMIT OF WORK
 - BUILDING TO BE REMOVED (REFER TO ARCHITECTURAL DEMO PLANS FOR FULL DETAIL)
 - GRAVEL/DAM TO BE REMOVED (COORDINATE WITH LANDSCAPE ARCHITECT IN THE FIELD)
 - BITUMINOUS CONCRETE TO BE REMOVED: PULVERIZED
 - HARDSCAPE TO BE REMOVED (INCLUDING RETAINING WALLS AND CONCRETE WALKS)
 - GRAVEL TO BE REMOVED
 - WOODS TO BE CLEARED AND GRUBBED
 - ATHLETIC SURFACING TO BE MILLED AND PULVERIZED
 - TREE PROTECTION
 - SWALE WITH CHECK DAM
 - CHECK DAM



DRA

Drummeey Rosane Anderson, Inc.
 300 Charles Street
 Studio 300
 Waltham, MA 02453

225 Oakland Road
 Studio 205
 South Windsor, CT 06074

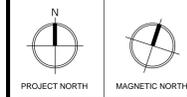
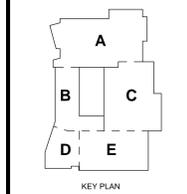
Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.dra.com

**Tri-County
 Regional
 Vocational
 Technical High
 School**

147 Pond St, Franklin, MA
 02038

**BID SET #01
 SITE ENABLING
 CONTRACT
 DOCUMENTS**

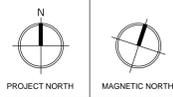
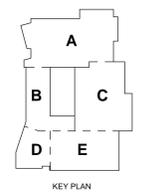
05/08/2024



**SITE
 PREPARATION
 AND EROSION
 CONTROL PLAN**

Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024

C102



SITE PREPARATION AND EROSION CONTROL PLAN



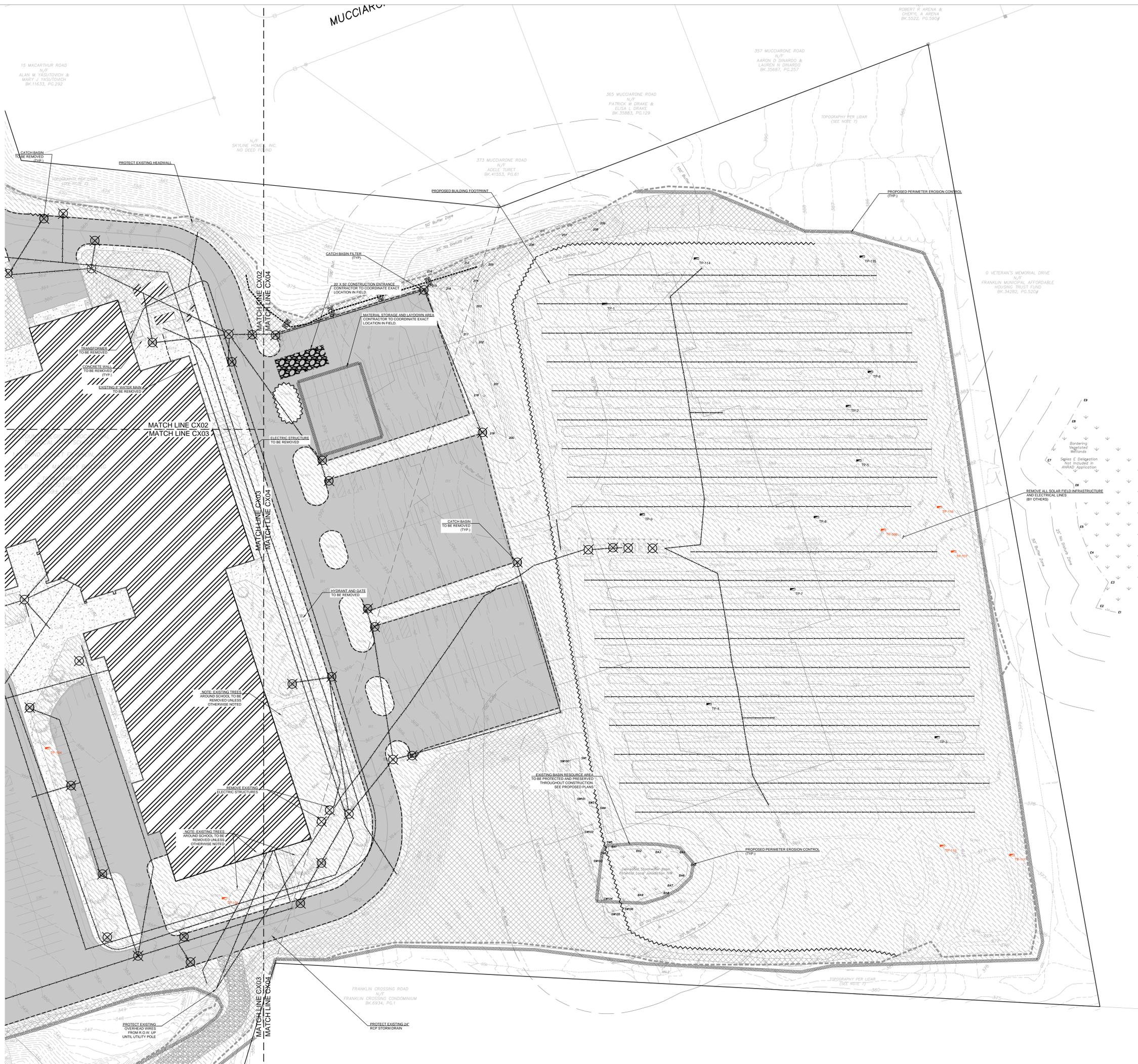
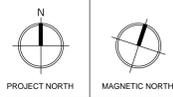
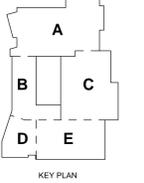
NOTES

- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOETS CONSULTANTS, INC. AND DATED 06-13-2024
- THE CONTRACTOR SHALL MAKE ALL DEMOLITION AND REMOVAL WORK TO ALLOW FOR THE CONTINUING OPERATION OF ALL STRUCTURES
- DRAWING DOES NOT SHOW ENTIRE SCOPE OF DEMO. IT IS INTENDED TO AID CONTRACTOR WITH IDENTIFYING WORK AND IS NOT ALL INCLUSIVE. CONTRACTOR SHOULD REFER TO OTHER DRAWINGS FOR COORDINATION
- EXISTING TREES TO BE REMOVED UNLESS OTHERWISE INDICATED. LANDSCAPE ARCHITECT TO REVIEW ANY TREE PROTECTION OR TREE REMOVAL
- PERVIOUS AREAS OF EXISTING SITE SHALL BE CLEARED AND GRUBBED PER INDICATED LIMITS UNLESS OTHERWISE NOTED. THE FOLLOWING SHALL INCLUDE BUT ARE NOT LIMITED TO TREES, STUMPS, DEBRIS, SHRUBS, TOP SOIL, ETC.

DEMOLITION LEGEND:

- CURBING TO BE REMOVED
- FENCING AND FOOTINGS TO BE REMOVED
- UTILITIES LINE TO BE REMOVED
- UTILITIES STRUCTURE TO BE REMOVED
- EROSION CONTROL
- CATCH BASIN FILTER
- LIMIT OF WORK
- BUILDING TO BE REMOVED (REFER TO ARCHITECTURAL DEMO PLANS FOR FULL DETAIL)
- GRAVEL/DAM TO BE REMOVED (COORDINATE WITH LANDSCAPE ARCHITECT IN THE FIELD)
- BULKHEAD CONCRETE TO BE REMOVED/ PULVERIZED
- HARDSCAPE TO BE REMOVED (INCLUDING RETAINING WALLS AND CONCRETE WALKS)
- GRAVEL TO BE REMOVED
- WOODS TO BE CLEARED AND GRUBBED
- ATHLETIC SURFACING TO BE MILLED AND PULVERIZED
- TREE PROTECTION
- SWALE WITH CHECK DAM
- CHECK DAM

MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD83)



NOTES:

- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOETS CONSULTANTS, INC. AND DATED 05-13-2024
- THE CONTRACTOR SHALL PERFORM ALL DEMOLITION AND REMOVAL WORK TO ALLOW FOR THE CONTINUING OPERATION OF ALL STRUCTURES
- DRAWING DOES NOT SHOW ENTIRE SCOPE OF DEMO. IT IS INTENDED TO AID CONTRACTOR WITH IDENTIFYING WORK AND IS NOT ALL INCLUSIVE. CONTRACTOR SHOULD REFER TO OTHER DRAWINGS FOR COORDINATION
- EXISTING TREES TO BE REMOVED UNLESS OTHERWISE INDICATED. LANDSCAPE ARCHITECT TO REVIEW ANY TREE PROTECTION OR TREE REMOVAL
- PERVIOUS AREAS OF EXISTING SITE SHALL BE CLEARED AND GRUBBED PER INDICATED LIMITS UNLESS OTHERWISE NOTED. THE FOLLOWING SHALL INCLUDE BUT ARE NOT LIMITED TO TREES, STUMPS, DEBRIS, SHRUBS, TOP SOIL, ETC.

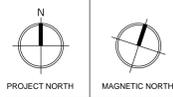
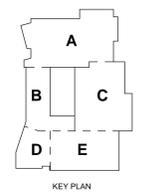
DEMOLITION LEGEND:

- CURBING TO BE REMOVED
- FENCING AND FOOTINGS TO BE REMOVED
- UTILITIES LINE TO BE REMOVED
- UTILITIES STRUCTURE TO BE REMOVED
- EROSION CONTROL
- CATCH BASIN FILTER
- LIMIT OF WORK
- BUILDING TO BE REMOVED (REFER TO ARCHITECTURAL DEMO PLANS FOR FULL DETAIL)
- GRAVEL/SLAB TO BE REMOVED (COORDINATE WITH LANDSCAPE ARCHITECT IN THE FIELD)
- BITUMINOUS CONCRETE TO BE REMOVED
- PULVERIZED
- HARDSCAPE TO BE REMOVED (INCLUDING RETAINING WALLS AND CONCRETE WALKS)
- GRAVEL TO BE REMOVED
- WOODS TO BE CLEARED AND GRUBBED
- ATHLETIC SURFACING TO BE MILLED AND PULVERIZED
- TREE PROTECTION
- SWALE WITH CHECK DAM
- SWALE
- CHECK DAM

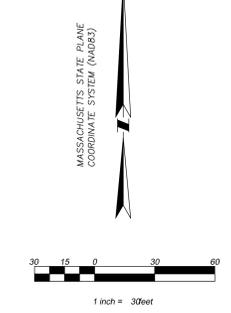
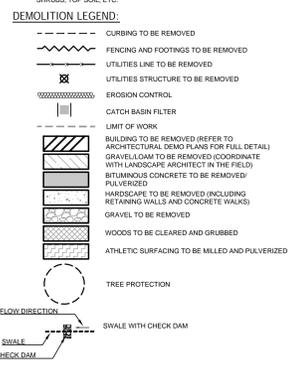
MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD83)

Scale: 1 inch = 30 feet

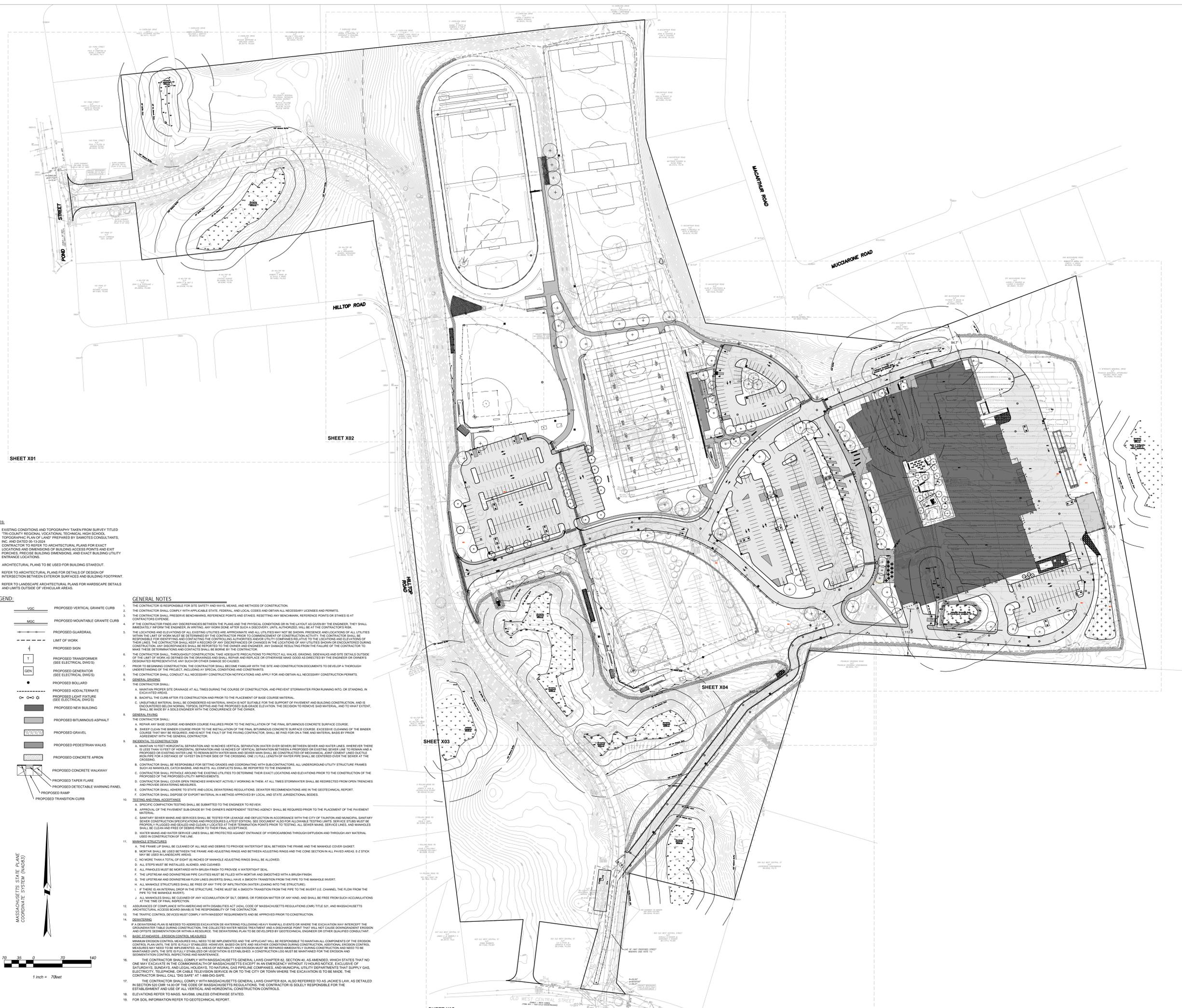
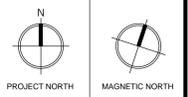
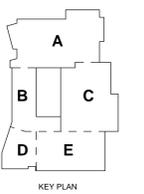
© COPYRIGHT 2023, DRUMME ROSANE ANDERSON, INC.



- NOTES**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOES CONSULTANTS, INC. AND DATED 05-13-2024.
 - THE CONTRACTOR SHALL MAKE ALL DEMOLITION AND REMOVAL WORK TO ALLOW FOR THE CONTINUING OPERATION OF ALL STRUCTURES.
 - DRAWINGS DOES NOT SHOW ENTIRE SCOPE OF DEMO. IT IS INTENDED TO AID CONTRACTOR WITH IDENTIFYING WORK AND IS NOT ALL INCLUSIVE. CONTRACTOR SHOULD REFER TO OTHER DRAWINGS FOR COORDINATION.
 - EXISTING TREES TO BE REMOVED UNLESS OTHERWISE INDICATED. LANDSCAPE ARCHITECT TO REVIEW ANY TREE PROTECTION OR TREE REMOVAL.
 - PERVIOUS AREAS OF EXISTING SITE SHALL BE CLEARED AND GRUBBED PER INDICATED LIMITS UNLESS OTHERWISE NOTED. THE FOLLOWING SHALL INCLUDE BUT ARE NOT LIMITED TO TREES, STUMPS, DEBRIS, SHRUBS, TOP SOIL, ETC.



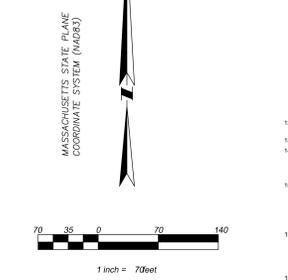
05/08/2024



- NOTES:
1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED 'TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND' PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 09-13-2024.
2. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF BUILDING ACCESS PORTS AND EXIT PORCHES, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
3. ARCHITECTURAL PLANS TO BE USED FOR BUILDING STAKEOUT.
4. REFER TO ARCHITECTURAL PLANS FOR DETAILS OF DESIGN OF INTERSECTION BETWEEN EXTERIOR SURFACES AND BUILDING FOOTPRINT.
5. REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR HARDSCAPE DETAILS AND LIMITS OUTSIDE OF VEHICULAR AREAS.

- LEGEND:
VGC PROPOSED VERTICAL GRANITE CURB
MGC PROPOSED MOUNTAIN GRANITE CURB
GC PROPOSED GRANITE CURB
LIMT OF WORK
PROPOSED SIGN
PROPOSED TRANSFORMER (SEE ELECTRICAL DWG'S)
PROPOSED GENERATOR (SEE ELECTRICAL DWG'S)
PROPOSED BOLLARD
PROPOSED ADDITIONAL TRANSFORMER (SEE ELECTRICAL DWG'S)
PROPOSED NEW BUILDING
PROPOSED BITUMINOUS ASPHALT
PROPOSED GRAVEL
PROPOSED PEDESTRIAN WALKS
PROPOSED CONCRETE APRON
PROPOSED CONCRETE WALKWAY
PROPOSED TAPER FLARE
PROPOSED DETECTABLE WARNING PANEL
PROPOSED RAMP
PROPOSED TRANSITION CURB

- GENERAL NOTES:
1. THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY AND WAYS, MEANS, AND METHODS OF CONSTRUCTION.
2. THE CONTRACTOR SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES AND OBTAIN ALL NECESSARY LICENSES AND PERMITS.
3. THE CONTRACTOR SHALL PRESERVE BENCHMARKS, REFERENCE POINTS AND STAKES, RESISTING ANY BENCHMARK, REFERENCE POINTS OR STAKES IS AT CONTRACTOR'S RISK.
4. IF THE CONTRACTOR FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITIONS OR IN THE LAYOUT AS GIVEN BY THE ENGINEER, THEY SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING. ANY WORK DONE AFTER SUCH A DISCOVERY, UNLESS AUTHORIZED, WILL BE AT THE CONTRACTOR'S RISK.
5. THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. PRESENCE AND LOCATION OF ALL UTILITIES WITHIN THE LIMIT OF WORK MUST BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND MARKING ALL UTILITIES. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER AND ENGINEER. ANY DAMAGE RESULTING FROM THE FAILURE OF THE CONTRACTOR TO MARK THESE UTILITIES AND LOCATIONS SHALL BE BORNE BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL, THROUGHOUT CONSTRUCTION, TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL WALKS, GRADING, SEWERLINES AND SITE DETAILS OUTSIDE OF THE WORK AREA. THE CONTRACTOR SHALL REPAIR AND REPLACE OR OTHERWISE MAKE GOOD AS DIRECTED BY THE ENGINEER OR OWNER'S DESIGNATED REPRESENTATIVE ANY SUCH OTHER DAMAGE SO CAUSED.
7. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE SITE AND CONSTRUCTION DOCUMENTS TO DEVELOP A THOROUGH UNDERSTANDING OF THE PROJECT, INCLUDING ALL SPECIAL CONDITIONS AND CONSTRAINTS.
8. THE CONTRACTOR SHALL CONDUCT ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS.
9. GENERAL GRADING:
A. MAINTAIN PROPER SITE DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION, AND PREVENT STORMWATER FROM RUNNING INTO, OR STANDING IN, EXCAVATED AREAS.
B. BACKFILL THE CURB AFTER ITS CONSTRUCTION AND PRIOR TO THE PLACEMENT OF BASE COURSE MATERIAL.
C. UNDESIRABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUBGRADE OF PAVEMENT AND BUILDING CONSTRUCTION, AND IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUB GRADE ELEVATION. THE DECISION TO REMOVE SAID MATERIAL, AND TO WHAT EXTENT, SHALL BE MADE BY A REGISTERED ENGINEER WITH THE CONFORMANCE OF THE OWNER.
10. GENERAL PAVING:
A. REPAIR ANY BASE COURSE AND BINDER COURSE FAILURES PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE.
B. SWEEP CLEAN THE BINDER COURSE PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE. EXCESSIVE CLEANING OF THE BINDER COURSE THAT MAY BE REQUIRED, AND THE FILL OF THE PAVING CONTRACTOR, SHALL BE PAID FOR ON A TIME AND MATERIAL BASIS BY PRIOR AGREEMENT WITH THE GENERAL CONTRACTOR.
11. UTILITY CONSTRUCTION:
A. MAINTAIN 10 FEET HORIZONTAL SEPARATION AND 18 INCHES VERTICAL SEPARATION (WATER OVER SEWER) BETWEEN SEWER AND WATER LINES, WHEREVER THERE IS LESS THAN 10 FEET OF HORIZONTAL SEPARATION OR VERTICAL SEPARATION BETWEEN A PROPOSED OR EXISTING SEWER LINE TO REMAIN AND A PROPOSED OR EXISTING WATER LINE TO REMAIN BOTH WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT CEMENT LINED DUCTILE IRON PIPE FOR A DISTANCE OF THE CROSSING, ONE (1) FULL LENGTH OF WATER PIPE SHALL BE CENTERED OVER THE SEWER AT THE CROSSING.
B. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING GRADES AND COORDINATING WITH SUBCONTRACTORS, ALL UNDERGROUND UTILITY STRUCTURE FRAMES SUCH AS MANHOLES, CATCH BASINS, AND INLETS. ALL CONFLICTS SHALL BE REPORTED TO THE ENGINEER.
C. CONTRACTOR SHALL NOTIFY AND AVOID THE EXISTING UTILITIES TO DETERMINE THEIR EXACT LOCATIONS AND ELEVATIONS PRIOR TO THE CONSTRUCTION OF THE PROPOSED UTILITY IMPROVEMENTS.
D. CONTRACTOR SHALL COVER OPEN TRENCHES WHEN NOT ACTIVELY WORKING IN THEM AT ALL TIMES. STORMWATER SHALL BE REDIRECTED FROM OPEN TRENCHES AND PROVIDE DEWATERING MEASURES.
E. CONTRACTOR SHALL ADHERE TO STATE AND LOCAL DEWATERING REGULATIONS. DEWATERING RECOMMENDATIONS ARE IN THE GEOTECHNICAL REPORT.
F. CONTRACTOR SHALL DISPOSE OF EXCESS MATERIAL IN A METHOD APPROVED BY LOCAL AND STATE AGENCIES/LOCAL BODIES.
12. TESTING AND FINAL ACCEPTANCE:
A. SPECIFIC CONSTRUCTION TESTING SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
B. APPROVAL OF THE PAVEMENT SUB-GRADE BY THE OWNER'S INDEPENDENT TESTING AGENCY SHALL BE REQUIRED PRIOR TO THE PLACEMENT OF THE PAVEMENT MATERIAL.
C. SANITARY SEWER MAINS AND SERVICES SHALL BE TESTED FOR LEAKAGE AND DEFLECTION IN ACCORDANCE WITH THE CITY OF TANTON AND MUNICIPAL SANITARY SEWER CONSTRUCTION SPECIFICATIONS AND PROCEDURES LATEST EDITION. SEE DOCUMENT A-10 FOR ALLOWABLE TESTING LIMITS. SERVICE STUDS MUST BE PROTECTED, SUPPORTED, AND SEALED AT THEIR TERMINATION POINTS PRIOR TO TESTING. ALL SEWER MAINS, SERVICE LINES, AND MANHOLES SHALL BE CLEANED AND FREED OF OBSTRUCTION PRIOR TO TESTING.
D. WATER MAINS AND WATER SERVICE LINES SHALL BE PROTECTED AGAINST ENTRANCE OF HYDROCARBONS THROUGH DIFFUSION AND THROUGH ANY MATERIAL USED IN CONSTRUCTION OF THE LINE.
13. MANHOLE STRUCTURES:
A. THE FRAME LIP SHALL BE CLEANED OF ALL MUD AND DEBRIS TO PROVIDE WATER TIGHT SEAL BETWEEN THE FRAME AND THE MANHOLE COVER GASKET.
B. MORTAR SHALL BE USED BETWEEN THE FRAME AND ADJUSTING RINGS AND BETWEEN ADJUSTING RINGS AND THE CONE SECTION IN ALL PAVED AREAS. 1/2" STICK MAY BE USED IN LANDSCAPE AREAS.
C. NO MORE THAN A TOTAL OF EIGHT (8) INCHES OF MANHOLE ADJUSTING RINGS SHALL BE ALLOWED.
D. ALL STEPS MUST BE INSTALLED, ALIGNED AND CLEANED.
E. ALL MANHOLES MUST BE MORTARED WITH BRUSH FINISH TO PROVIDE A WATER TIGHT SEAL.
F. THE UPSTREAM AND DOWNSTREAM PIPE CHAMBERS MUST BE FILLED WITH MORTAR AND SMOOTHED WITH A BRUSH FINISH.
G. THE UPSTREAM AND DOWNSTREAM FLOW LINES (INVERTS) SHALL HAVE A SMOOTH TRANSITION FROM THE PIPE TO THE MANHOLE INVERT.
H. ALL MANHOLE STRUCTURES SHALL BE FREE OF ANY TYPE OF INFILTRATION (WATER LEAKING INTO THE STRUCTURE).
I. IF THERE IS AN INTERNAL SLOP IN THE STRUCTURE, THERE MUST BE A SMOOTH TRANSITION FROM THE PIPE TO THE NEXT (E.G. CHANNEL) THE FLOW FROM THE PIPE TO THE MANHOLE INVERT.
J. ALL MANHOLES SHALL BE CLEANED OF ANY ACCUMULATION OF SALT, DEBRIS, OR FOREIGN MATTER OF ANY KIND, AND SHALL BE FREE FROM SUCH ACCUMULATIONS AT THE TIME OF FINAL INSPECTION.
14. ASSURANCES OF COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (ADA), CODE OF MASSACHUSETTS REGULATIONS (CMR) TITLE 821, AND MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) IS THE RESPONSIBILITY OF THE CONTRACTOR.
15. THE TRAFFIC CONTROL DEVICES MUST COMPLY WITH MASSDOT REQUIREMENTS AND BE APPROVED PRIOR TO CONSTRUCTION.
16. DEWATERING:
A. IF A DEWATERING PLAN IS NEEDED TO ADDRESS EXCAVATION DEWATERING FOLLOWING HEAVY RAINFALL EVENTS OR WHERE THE EXCAVATION MAY INTERCEPT THE GROUNDWATER TABLE DURING CONSTRUCTION, THE COLLECTED WATER MUST BE TREATED AND A DISCHARGE POINT THAT WILL NOT CAUSE DOWNSTREAM EROSION AND OFFSITE SEDIMENTATION OR WITHIN A RESOURCE. THE DEWATERING PLAN TO BE DEVELOPED BY GEOTECHNICAL ENGINEER OR OTHER QUALIFIED CONSULTANT.
17. MINIMUM EROSION CONTROL MEASURES WILL NEED TO BE IMPLEMENTED AND THE APPLICABLE WILL BE RESPONSIBLE TO MAINTAIN ALL COMPONENTS OF THE EROSION CONTROL PLAN AND TO REPORT ANY EROSION CONTROL MEASURES THAT ARE NOT MAINTAINED TO THE ENGINEER IMMEDIATELY. EROSION CONTROL MEASURES MAY NEED TO BE IMPLEMENTED, ALL AREAS OF INSTABILITY AND EROSION MUST BE REPAIRED IMMEDIATELY DURING CONSTRUCTION AND NEED TO BE MAINTAINED UNTIL THE SITE IS FULLY STABILIZED. A CONSTRUCTION MUST BE MAINTAINED FOR THE DURATION OF CONSTRUCTION INSPECTIONS AND MAINTENANCE.
18. THE CONTRACTOR SHALL COMPLY WITH MASSACHUSETTS GENERAL LAWS CHAPTER 26B, SECTION 40, AS AMENDED, WHICH STATES THAT NO ONE MAY EXCAVATE IN THE COMMONWEALTH OF MASSACHUSETTS EXCEPT IN AN EMERGENCY WITHOUT 72 HOURS NOTICE, EXCLUSIVE OF SATURDAYS, HOLIDAYS, AND LEGAL HOLIDAYS, TO NATURAL GAS PIPELINE COMPANIES, AND MUNICIPALITY DEPARTMENTS THAT SUPPLY GAS, ELECTRICITY, TELEPHONE, OR CABLE TELEVISION SERVICE IN OR TO THE CITY OR TOWN WHERE THE EXCAVATION IS TO BE MADE. THE CONTRACTOR SHALL CALL 800 SAFE AT 1-888-684-SAFE.
19. THE CONTRACTOR SHALL COMPLY WITH MASSACHUSETTS GENERAL LAWS CHAPTER 26A, ALSO REFERRED TO AS JACKIE'S LAW, AS DETAILED IN SECTION 20A CMR 14.00 OF THE CODE OF MASSACHUSETTS REGULATIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE ESTABLISHMENT AND USE OF ALL VERTICAL AND HORIZONTAL CONSTRUCTION CONTROLS.
20. ELEVATIONS REFER TO MASS. NAVD83, UNLESS OTHERWISE STATED.
21. FOR SOIL INFORMATION REFER TO GEOTECHNICAL REPORT.



1 inch = 70 feet

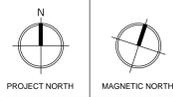
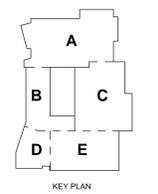
SHEET X05

SHEET X04

SHEET X03

SHEET X01

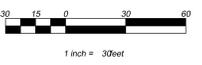
SHEET X02



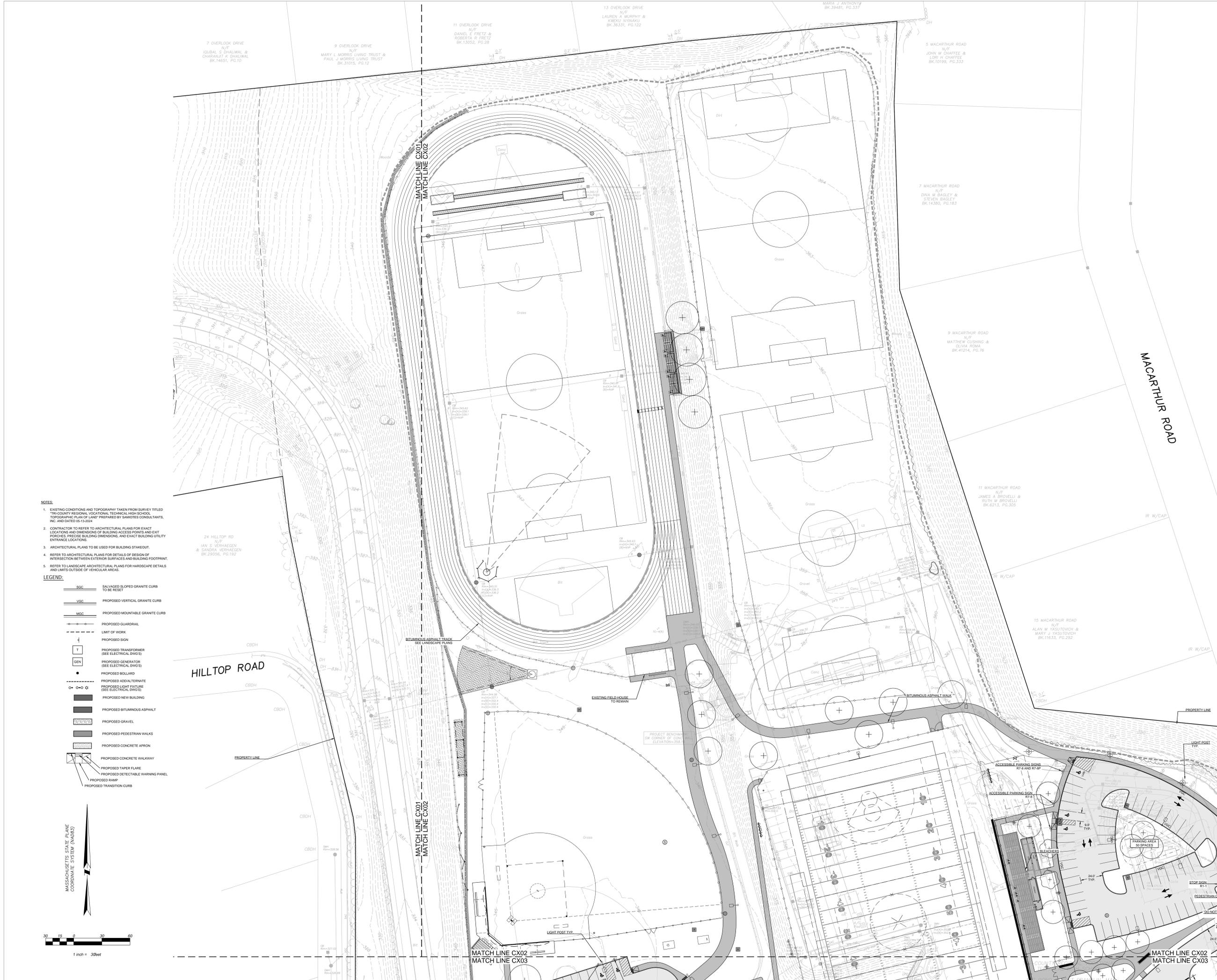
LEGEND:

	PROPOSED VERTICAL GRANITE CURB
	PROPOSED MOUNTABLE GRANITE CURB
	PROPOSED GUARDRAIL
	LIMIT OF WORK
	PROPOSED SIGN
	PROPOSED TRANSFORMER (SEE ELECTRICAL DWG'S)
	PROPOSED GENERATOR (SEE ELECTRICAL DWG'S)
	PROPOSED BOLLARD
	PROPOSED ALTERNATE (SEE ELECTRICAL DWG'S)
	PROPOSED LIGHT FIXTURE (SEE ELECTRICAL DWG'S)
	PROPOSED NEW BUILDING
	PROPOSED BITUMINOUS ASPHALT
	PROPOSED GRAVEL
	PROPOSED PEDESTRIAN WALKS
	PROPOSED CONCRETE APRON
	PROPOSED CONCRETE WALKWAY
	PROPOSED TAPER FLARE
	PROPOSED DETECTABLE WARNING PANEL
	PROPOSED RAMP
	PROPOSED TRANSITION CURB

- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL, TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-13-2024
 - CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF BUILDING ACCESS POINTS AND EXIT PORCHES, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS
 - ARCHITECTURAL PLANS TO BE USED FOR BUILDING STAKEOUT.
 - REFER TO ARCHITECTURAL PLANS FOR DETAILS OF DESIGN OF INTERSECTION BETWEEN EXTERIOR SURFACES AND BUILDING FOOTPRINT.
 - REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR HARDSCAPE DETAILS AND LIMITS OUTSIDE OF VEHICULAR AREAS.

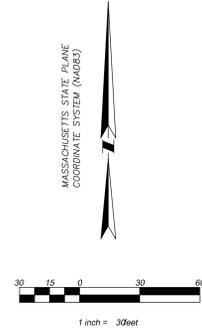


© COPYRIGHT 2023, DRUMREY ROSANE ANDERSON, INC.



- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-13-2024.
 - CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF BUILDING ACCESS POINTS AND EXIT PORCHES, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
 - ARCHITECTURAL PLANS TO BE USED FOR BUILDING STAKEOUT.
 - REFER TO ARCHITECTURAL PLANS FOR DETAILS OF DESIGN OF INTERSECTION BETWEEN EXTERIOR SURFACES AND BUILDING FOOTPRINT.
 - REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR HARDSCAPE DETAILS AND LIMITS OUTSIDE OF VEHICULAR AREAS.

- LEGEND:**
- SGC SALVAGED SLOPED GRANITE CURB TO BE RESET
 - VGC PROPOSED VERTICAL GRANITE CURB
 - MGC PROPOSED MOUNTABLE GRANITE CURB
 - PROPOSED GUARDRAIL
 - LIMIT OF WORK
 - PROPOSED SIGN
 - T PROPOSED TRANSFORMER (SEE ELECTRICAL DWG'S)
 - GEN PROPOSED GENERATOR (SEE ELECTRICAL DWG'S)
 - PROPOSED BOLLARD
 - PROPOSED ADOURNATE PROPOSED LIGHT FEATURE (SEE ELECTRICAL DWG'S)
 - PROPOSED NEW BUILDING
 - PROPOSED BITUMINOUS ASPHALT
 - PROPOSED GRAVEL
 - PROPOSED PEDESTRIAN WALKS
 - PROPOSED CONCRETE APRON
 - PROPOSED CONCRETE WALKWAY
 - PROPOSED TAPER FLARE
 - PROPOSED DETECTABLE WARNING PANEL
 - PROPOSED RAMP
 - PROPOSED TRANSITION CURB



DRA

Drummeey Rosane Anderson, Inc.
 200 Charles Street
 Studio 300
 Waltham, MA 02453

225 Oakland Road
 Studio 205
 South Windsor, CT 06074

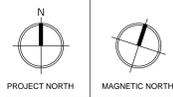
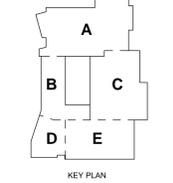
Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.draws.com

**Tri-County
 Regional
 Vocational
 Technical High
 School**

147 Pond St, Franklin, MA
 02038

**BID SET #01
 SITE ENABLING
 CONTRACT
 DOCUMENTS**

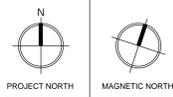
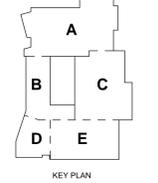
05/08/2024



**VEHICULAR
 LAYOUT PLAN**

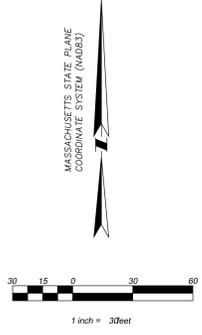
Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024

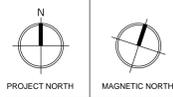
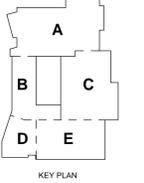
C202



- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL, TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTIS CONSULTANTS, INC. AND DATED 05-13-2024
 - CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF BUILDING ACCESS POINTS AND EXIT KIOSKS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
 - ARCHITECTURAL PLANS TO BE USED FOR BUILDING STAKEOUT.
 - REFER TO ARCHITECTURAL PLANS FOR DETAILS OF DESIGN OF INTERSECTION BETWEEN EXTERIOR SURFACES AND BUILDING FOOTPRINT.
 - REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR HARDSCAPE DETAILS AND LIMITS OUTSIDE OF VEHICULAR AREAS.

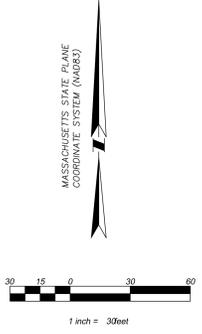
- LEGEND:**
- VGC PROPOSED VERTICAL GRANITE CURB
 - MGC PROPOSED MOUNTABLE GRANITE CURB
 - CG PROPOSED CURB
 - LIMIT OF WORK
 - PROPOSED SIGN
 - T PROPOSED TRANSFORMER (SEE ELECTRICAL DWG'S)
 - G PROPOSED GENERATOR (SEE ELECTRICAL DWG'S)
 - B PROPOSED BOLLARD
 - PROPOSED ADOLEARNATE (SEE ELECTRICAL DWG'S)
 - PROPOSED LIGHT FEATURE (SEE ELECTRICAL DWG'S)
 - PROPOSED NEW BUILDING
 - PROPOSED BITUMINOUS ASPHALT
 - PROPOSED GRAVEL
 - PROPOSED PEDESTRIAN WALKS
 - PROPOSED CONCRETE APRON
 - PROPOSED CONCRETE WALKWAY
 - PROPOSED TAPER FLARE
 - PROPOSED DETECTABLE WARNING PANEL
 - PROPOSED RAMP
 - PROPOSED TRANSITION CURB

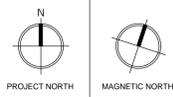
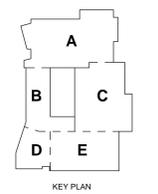




- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-13-2024
 - CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF BUILDING ACCESS POINTS AND EXIT PORCHES, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS
 - ARCHITECTURAL PLANS TO BE USED FOR BUILDING STAKEOUT
 - REFER TO ARCHITECTURAL PLANS FOR DETAILS OF DESIGN OF INTERSECTION BETWEEN EXTERIOR SURFACES AND BUILDING FOOTPRINT
 - REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR HARDSCAPE DETAILS AND LIMITS OUTSIDE OF VEHICULAR AREAS

- LEGEND:**
- PROPOSED VERTICAL GRANITE CURB
 - PROPOSED MOUNTABLE GRANITE CURB
 - PROPOSED GUARDRAIL
 - LIMIT OF WORK
 - PROPOSED SIGN
 - PROPOSED TRANSFORMER (SEE ELECTRICAL DWG'S)
 - PROPOSED GENERATOR (SEE ELECTRICAL DWG'S)
 - PROPOSED BOLLARD
 - PROPOSED ALTERNATE (SEE ELECTRICAL DWG'S)
 - PROPOSED LIGHT FIXTURE (SEE ELECTRICAL DWG'S)
 - PROPOSED NEW BUILDING
 - PROPOSED BITUMINOUS ASPHALT
 - PROPOSED GRAVEL
 - PROPOSED PEDESTRIAN WALKS
 - PROPOSED CONCRETE APRON
 - PROPOSED CONCRETE WALKWAY
 - PROPOSED TAPER FLARE
 - PROPOSED DETECTABLE WARNING PANEL
 - PROPOSED RAMP
 - PROPOSED TRANSITION CURB



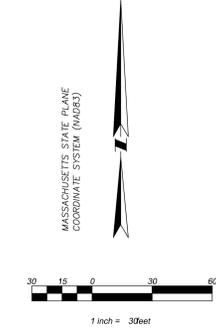


**VEHICULAR
LAYOUT PLAN**



- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL, TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOITES CONSULTANTS, INC. AND DATED 05-13-2024
 - CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF BUILDING ACCESS POINTS AND EXIT PORCHES, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
 - ARCHITECTURAL PLANS TO BE USED FOR BUILDING STAKEOUT.
 - REFER TO ARCHITECTURAL PLANS FOR DETAILS OF DESIGN OF INTERSECTION BETWEEN EXTERIOR SURFACES AND BUILDING FOOTPRINT.
 - REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR HARDSCAPE DETAILS AND LIMITS OUTSIDE OF VEHICULAR AREAS.

- LEGEND:**
- VGC PROPOSED VERTICAL GRANITE CURB
 - MGC PROPOSED MOUNTABLE GRANITE CURB
 - PROPOSED GUARDRAIL
 - LIMIT OF WORK
 - T PROPOSED SIGN
 - T PROPOSED TRANSFORMER (SEE ELECTRICAL DWG'S)
 - GEN PROPOSED GENERATOR (SEE ELECTRICAL DWG'S)
 - PROPOSED BOLLARD
 - PROPOSED ALTERNATE (SEE ELECTRICAL DWG'S)
 - PROPOSED LIGHT FIXTURE (SEE ELECTRICAL DWG'S)
 - PROPOSED NEW BUILDING
 - PROPOSED BITUMINOUS ASPHALT
 - PROPOSED GRAVEL
 - PROPOSED PEDESTRIAN WALKS
 - PROPOSED CONCRETE APRON
 - PROPOSED CONCRETE WALKWAY
 - PROPOSED TAPER FLARE
 - PROPOSED DETECTABLE WARNING PANEL
 - PROPOSED RAMP
 - PROPOSED TRANSITION CURB

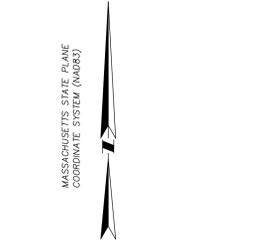




NOTES:
 1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND PREPARED BY SAMOITS CONSULTANTS, INC. AND DATED 05-15-2024.

- LEGEND:**
- 375 — PROPOSED INTERMEDIATE CONTOUR
 - 375 — PROPOSED INDEX CONTOUR
 - 375.21x PROPOSED SPOT GRADE
 - 975.21x EXISTING GRADE TO REMAIN (V.I.F.)
 - TW-375.21x PROPOSED TOP/BOTTOM OF WALL (NOT FOUNDATION)
 - TS-375.21x PROPOSED TOP/BOTTOM OF CURB
 - BS-375.21x PROPOSED TOP/BOTTOM OF STEP
 - RM-375.21x PROPOSED RIM ELEVATION (TO FINAL GRADE)
 - V.I.F. VERIFY GRADE IN FIELD TO BE SET
 - LIMIT OF WORK
 - APPROXIMATE LIMIT OF PROPOSED EROSION CONTROL BLANKET, JUTE NETTING, OR APPROVED EQUAL
 - WETLANDS SEED MIX
 - 2% PROPOSED SLOPE
 - SWALE WITH CHECK DAM
 - SWALE CHECK DAM

NOTE: EROSION CONTROL BLANKETS SHALL BE USED TO STABILIZE SLOPES STEEPER THAN 3:1 V AND WHERE SHOWN ON DRAWINGS.



DRA

Drumrey Rosane Anderson, Inc.
 300 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06074

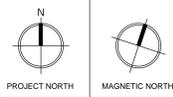
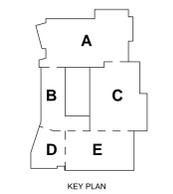
Planning | Architecture | Interior Design
 Tel: 617.964.1700
 www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

BID SET #01 SITE ENABLING CONTRACT DOCUMENTS

05/08/2024



CIVIL GRADING PLAN

Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024

C301

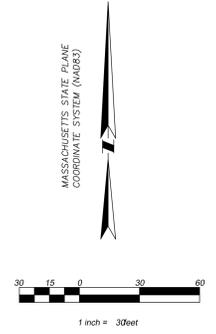


NOTES:
 1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL, TECHNICAL HIGH SCHOOL, TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-19-2024.

LEGEND:

---	375	PROPOSED INTERMEDIATE CONTOUR
---	374	PROPOSED INDEX CONTOUR
---	375.21X	PROPOSED SPOT GRADE
---	075.21X	EXISTING GRADE TO REMAIN (V.I.F.)
---	TW-375.21X	PROPOSED TOP/BOTTOM OF WALL (NOT FOUNDATION)
---	BC-375.21X	PROPOSED TOP/BOTTOM OF CURB
---	TS-375.21X	PROPOSED TOP/BOTTOM OF STEP
---	RM-375.21X	PROPOSED RIM ELEVATION (TO FINAL GRADE)
---	V.I.F.	VERIFY GRADE IN FIELD (TO BE SET)
---		LIMIT OF WORK
---		APPROXIMATE LIMIT OF PROPOSED EROSION CONTROL BLANKET, JUTE NETTING, OR APPROVED EQUAL
---		WETLANDS SEED MIX
---	2%	PROPOSED SLOPE
---		SWALE WITH CHECK DAM
---		CHECK DAM

NOTE: EROSION CONTROL BLANKETS SHALL BE USED TO STABILIZE SLOPES STEEPER THAN 1H:1V AND WHERE SHOWN ON DRAWINGS.



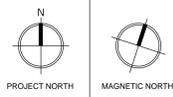
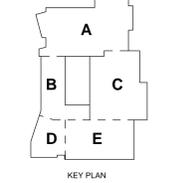
DRA
 Drumme Rosane Anderson, Inc.
 200 Charles Street
 Studio 300
 Waltham, MA 02453
 225 Oakland Road
 Studio 205
 South Windsor, CT 06074
 Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

**BID SET #01
 SITE ENABLING
 CONTRACT
 DOCUMENTS**

05/08/2024



**CIVIL GRADING
 PLAN**

Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024
C302

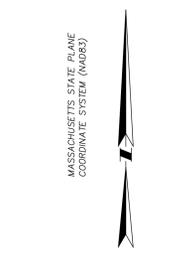
- LEGEND:**
- D — PROPOSED STORM DRAINAGE LINE
 - W — PROPOSED WATER LINE
 - FP — PROPOSED FIRE PROTECTION LINE
 - S — PROPOSED SANITARY SEWER LINE
 - KW — PROPOSED KITCHEN WASTE LINE
 - G — PROPOSED GAS LINE
 - E — PROPOSED UNDERGROUND ELECTRIC LINE
 - T — PROPOSED TELEPHONE LINE
 - ⊙ DMH PROPOSED SANITARY SEWER MANHOLE
 - ⊙ DMH PROPOSED STORM DRAINAGE MANHOLE
 - ⊙ DMH PROPOSED WATER QUALITY UNIT
 - ⊙ DMH PROPOSED CATCH BASIN
 - ⊙ DMH PROPOSED DOUBLE CATCH BASIN
 - ⊙ DMH PROPOSED AREA DRAIN
 - ⊙ DMH PROPOSED HYDRANT
 - ⊙ DMH PROPOSED POST INDICATOR VALVE
 - ⊙ DMH PROPOSED GAS GATE VALVE
 - ⊙ DMH PROPOSED WATER GATE VALVE
 - ⊙ DMH PROPOSED TAP AND SLEEVE VALVE
 - ⊙ DMH PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - PROPOSED DIRECTIONAL FLOW

NOTES:

- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL, TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-19-2024.

- LEGEND:**
- 375 — PROPOSED INTERMEDIATE CONTOUR
 - 374 — PROPOSED INDEX CONTOUR
 - 375.21 — PROPOSED SPOT GRADE
 - 375.21 EXISTING GRADE TO REMAIN (N.F.)
 - TW-375.21 PROPOSED TOP/BOTTOM OF WALL (NOT FOUNDATION)
 - BW-375.21 PROPOSED TOP/BOTTOM OF CURB
 - SC-375.21 PROPOSED TOP/BOTTOM OF STEP
 - BS-375.21 PROPOSED RIM ELEVATION (TO FINAL GRADE)
 - RBW-375.21
 - V.I.F. — VERIFY GRADE IN FIELD (TO BE SET LIMIT OF WORK)
 - APPROXIMATE LIMIT OF PROPOSED EROSION CONTROL BLANKET, JUTE NETTING, OR APPROVED EQUAL
 - WETLANDS SEED MIX
 - 2% — PROPOSED SLOPE
 - FLOW DIRECTION
 - SWALE WITH CHECK DAM
 - CHECK DAM

NOTE: EROSION CONTROL BLANKETS SHALL BE USED TO STABILIZE SLOPES STEEPER THAN 3:1 V AND WHERE SHOWN ON DRAWINGS.



DRA

Drummeay Rosane Anderson, Inc.
 300 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06071

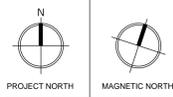
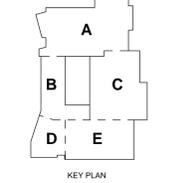
Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.dra.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

BID SET #01
 SITE ENABLING CONTRACT DOCUMENTS

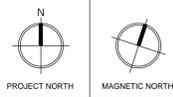
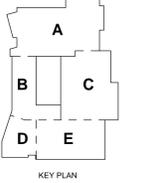
05/08/2024



CIVIL GRADING PLAN

Scale: 1" = 30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024

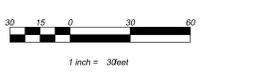
C303



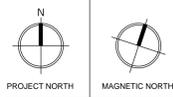
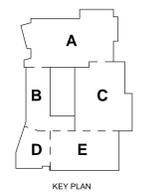
NOTES:
1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED 'TRICOUNTY REGIONAL VOCATIONAL, TECHNICAL HIGH SCHOOL, TOPOGRAPHIC PLAN OF LAND' PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-19-2024.

- LEGEND:
-375- PROPOSED INTERMEDIATE CONTOUR
-375- PROPOSED INDEX CONTOUR
-375.21X PROPOSED SPOT GRADE
-375.21X EXISTING GRADE TO REMAIN (V.I.F.)
TW-375.21X PROPOSED TOP/BOTTOM OF WALL (NOT FOUNDATION)
BW-375.21X PROPOSED TOP/BOTTOM OF CURB
TS-375.21X PROPOSED TOP/BOTTOM OF STEP
RM-375.21X PROPOSED RIM ELEVATION (TO FINAL GRADE)
V.I.F. VERIFY GRADE IN FIELD TO BE SET
--- LIMIT OF WORK
--- APPROXIMATE LIMIT OF PROPOSED EROSION CONTROL BLANKET, JUTE NETTING, OR APPROVED EQUAL
WETLANDS SEED MIX
2% PROPOSED SLOPE
SWALE WITH CHECK DAM
CHECK DAM

NOTE: EROSION CONTROL BLANKETS SHALL BE USED TO STABILIZE SLOPES STEEPER THAN 2:1 AND WHERE SHOWN ON DRAWINGS.



© COPYRIGHT 2023, DRUMREY ROSANE ANDERSON, INC.



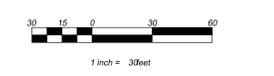
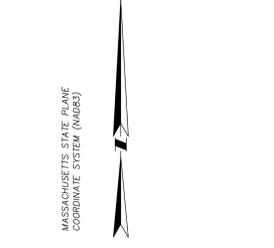
CIVIL GRADING PLAN



NOTES:
1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-15-2024.

LEGEND:
--- 375 --- PROPOSED INTERMEDIATE CONTOUR
--- 373 --- PROPOSED INDEX CONTOUR
--- 375.21X --- PROPOSED SPOT GRADE
--- 075-21X --- EXISTING GRADE TO REMAIN (V.I.F.)
--- TW-375.21X --- PROPOSED TOP/BOTTOM OF WALL (NOT FOUNDATION)
--- TO-375.21X --- PROPOSED TOP/BOTTOM OF CURB
--- TS-375.21X --- PROPOSED TOP/BOTTOM OF STEP
--- RM-375.21X --- PROPOSED RIM ELEVATION (TO FINAL GRADE)
--- V.I.F. --- VERIFY GRADE IN FIELD TO BE SET
--- --- LIMIT OF WORK
--- --- APPROXIMATE LIMIT OF PROPOSED EROSION CONTROL BLANKET, JUTE NETTING, OR APPROVED EQUAL
--- --- WETLANDS SEED MIX
--- --- PROPOSED SLOPE
--- --- SWALE WITH CHECK DAM
--- --- CHECK DAM

NOTE: EROSION CONTROL BLANKETS SHALL BE USED TO STABILIZE SLOPES STEEPER THAN 3:1 AND WHERE SHOWN ON DRAWINGS.



SEE LANDSCAPE PLANS FOR SPOT GRADES AND SLOPES

MATCH LINE CX03
MATCH LINE CX05

MATCH LINE CX03
MATCH LINE CX05

RIDGE RD
N/F
ALIM &
M RIVARD
S, PG.344

RIDGE RD
N/F
GON
PG.401

RIDGE RD
N/F
HOLLOWAY
E, PG.418

LING RIDGE RD
N/F
SUA GINDY WU
7959, PG.150

647 OLD WEST CENTRAL ST
N/F
JAMES A. & KIMBERLY A
SCHLITKE
BK.35137, PG.6

623 OLD WEST CENTRAL ST
N/F
ROBIN BARBERG
BK.17251, PG.287

621 OLD WEST CENTRAL ST
N/F
LEE S PUGA &
JENNIFER M PUGA
BK.31486, PG.204

603 OLD WEST CENTRAL STREET
N/F
DONALD G RANERI &
MARGARET C RANERI
BK.13715, PG.581

599 OLD WEST CENTRAL ST
N/F
LEDGEWOOD CONDOMINIUM
BK.60056, PG.75

OLD WEST CENTRAL STREET
(PUBLIC - WIDTH VARIES)
(TOWN WAY - 1933 S.H.L.O. DISCONTINUANCE)

LINE OF 1997 PROPOSED STREET
WIDENING (SEE NOTE 11)

R=25.00'
A=90°00'00"
L=39.27'

PROJECT BENCHMARK
NAL IN UTILITY POLE
ELEVATION=288.02

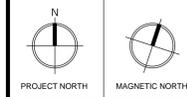
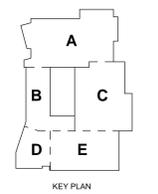
MHB
(C/TRBK)
(HELD)

DEM
ELEV=287.68
ELEV=287.01
ELEV=287.01
ELEV=287.01

DEM
ELEV=287.68
ELEV=287.01
ELEV=287.01
ELEV=287.01

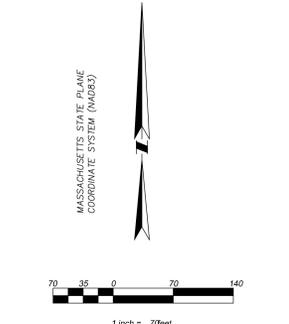
DEM
ELEV=287.68
ELEV=287.01
ELEV=287.01
ELEV=287.01

© COPYRIGHT 2023, DRUMREY ROSANE ANDERSON, INC.



NOTES:
1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 09-13-2024

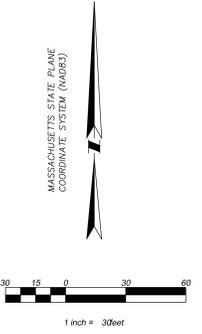
- LEGEND:
--- S --- PROPOSED STORM DRAINAGE LINE
--- W --- PROPOSED WATER LINE
--- FP --- PROPOSED FIRE PROTECTION LINE
--- S --- PROPOSED SANITARY SEWER LINE
--- KW --- PROPOSED KITCHEN WASTE LINE
--- G --- PROPOSED GAS LINE
--- E --- PROPOSED UNDERGROUND ELECTRIC LINE
--- T --- PROPOSED TELEPHONE LINE
--- SMH --- PROPOSED SANITARY SEWER MANHOLE
--- DMH --- PROPOSED STORM DRAINAGE MANHOLE
--- WQL --- PROPOSED WATER QUALITY LINT
--- CB --- PROPOSED CATCH BASIN
--- DCB --- PROPOSED DOUBLE CATCH BASIN
--- AD --- PROPOSED AREA DRAIN
--- H --- PROPOSED HYDRANT
--- PIV --- PROPOSED POST INDICATOR VALVE
--- GGV --- PROPOSED GAS GATE VALVE
--- WGV --- PROPOSED WATER GATE VALVE
--- TSV --- PROPOSED TAP AND SLEEVE VALVE
--- SL --- PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
--- D --- PROPOSED DIRECTIONAL FLOW



- UTILITY NOTES:
1. ALL UTILITY CONNECTIONS ARE SUBJECT TO THE APPROVAL OF, AND GRANTING OF PERMITS BY, THE LOCAL MUNICIPALITY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS AND APPROVALS RELATED TO UTILITY WORK PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING ALL PERMISSIONS FOR, AND FOR CONDUCTING ALL PREPARATIONS RELATIVE TO WORK AFFECTING ANY UTILITIES WITHIN THE JURISDICTION OF ANY UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO ELECTRIC, TELEPHONE, AND/OR GAS. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE AGENCIES, DEPARTMENTS, AND UTILITY COMPANIES IN WRITING, PER UTILITY COMPANY REQUIREMENT AND NOT MORE THAN 30 DAYS PRIOR TO ANY CONSTRUCTION.
3. THE CONTRACTOR SHALL MAINTAIN UTILITIES SERVICING BUILDINGS AND FACILITIES WITHIN OR OUTSIDE THE PROJECT LIMIT THROUGHOUT THE ENTIRE DURATION OF THE PROJECT.
4. ALL WATER AND DRAIN WORK SHALL BE PERFORMED ACCORDING TO THE REQUIREMENTS AND STANDARD SPECIFICATIONS OF THE LOCAL MUNICIPALITY.
5. GAS, TELECOMMUNICATIONS, LIGHTING, AND ELECTRIC SERVICES ARE TO BE DESIGNED BY EACH UTILITY COMPANY IN COORDINATION WITH THE MECHANICAL, ELECTRIC, AND PLUMBING CONSULTANTS FOR ON-SITE UTILITIES REFER TO MEP PLANS FOR SIZES OF ELECTRIC, CABLE, GAS, TELEPHONE AND LIGHTING.
6. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES OF NEW UTILITIES WITH GAS, TELECOMMUNICATION AND ELECTRICAL SERVICES.
7. INSTALL WATER LINES WITH A MINIMUM OF FIVE FEET OF COVER AND A MAXIMUM OF SEVEN FEET COVER FROM THE FINAL FINISH GRADE. ASSUME DUCTILE IRON PIPE UNLESS OTHERWISE NOTED.
8. MAINTAIN 10 FEET HORIZONTAL SEPARATION AND 18 INCHES VERTICAL SEPARATION (WATER OVER SEWER) BETWEEN SEWER AND WATER LINES UNLESS THERE IS AT LEAST 18 FEET OF HORIZONTAL SEPARATION AND 18 INCHES OF VERTICAL SEPARATION BETWEEN A PROPOSED OR EXISTING SEWER LINE TO REMAIN AND A PROPOSED OR EXISTING WATER LINE TO REMAIN. BOTH WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT COMBUSTIBLE DUCTILE IRON PIPE FOR A DISTANCE OF 10 FEET ON EITHER SIDE OF THE CROSSING. ONE (1) FULL LENGTH OF WATER PIPE SHALL BE CENTERED OVER THE SEWER AT THE CROSSING.
9. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES EXCEPT THOSE NOTED TO BE ABANDONED AND/OR REMOVED AT THE SITE.
10. THE CONTRACTOR IS RESPONSIBLE FOR TRENCHING, BACKFILLING, AND SURFACE RESTORATION FOR GAS UTILITY SYSTEM.
11. ALL UTILITY LINES SHALL BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED.
12. ALL EXISTING AND PROPOSED MANHOLE FRAMES, COVERS, VALVES, CLEANOUTS, CASTINGS, ETC. SHALL BE RAISED TO FINISHED GRADE PRIOR TO FINAL GRADING AND PAVING CONSTRUCTION.
13. STRUCTURES FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THESE IMPROVEMENT PLANS AND THE APPLICABLE STANDARD SPECIFICATIONS, WHERE GRANULAR TRENCH BACKFILL IS REQUIRED AROUND THESE STRUCTURES, THE COST SHALL BE CONSIDERED AS INCIDENTAL AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STRUCTURE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING STORM MAINS AND SANITARY SEWER MAINS BEFORE COMMENCING CONSTRUCTION.



- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-13-2024
- LEGEND:**
- SDH --- PROPOSED STORM DRAINAGE LINE
 - W --- PROPOSED WATER LINE
 - FP --- PROPOSED FIRE PROTECTION LINE
 - S --- PROPOSED SANITARY SEWER LINE
 - KW --- PROPOSED KITCHEN WASTE LINE
 - G --- PROPOSED GAS LINE
 - E --- PROPOSED UNDERGROUND ELECTRIC LINE
 - T --- PROPOSED TELEPHONE LINE
 - SMH --- PROPOSED SANITARY SEWER MANHOLE
 - SDM --- PROPOSED STORM DRAINAGE MANHOLE
 - WQL --- PROPOSED WATER QUALITY UNIT
 - CB --- PROPOSED CATCH BASIN
 - DCB --- PROPOSED DOUBLE CATCH BASIN
 - AD --- PROPOSED AREA DRAIN
 - HY --- PROPOSED HYDRANT
 - PIV --- PROPOSED POST INDICATOR VALVE
 - GV --- PROPOSED GAS GATE VALVE
 - WGV --- PROPOSED WATER GATE VALVE
 - TSSV --- PROPOSED TAP AND SLEEVE VALVE
 - SL --- PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - DF --- PROPOSED DIRECTIONAL FLOW



DRA

Drumrey Rosane Anderson, Inc.
 200 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06074

Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

BID SET #01 SITE ENABLING CONTRACT DOCUMENTS

05/08/2024

KEY PLAN

PROJECT NORTH MAGNETIC NORTH

CIVIL UTILITY PLAN

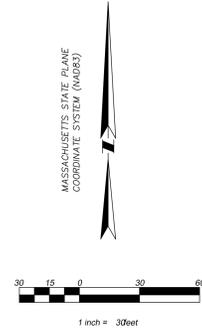
Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024

C401



NOTES:
 1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-13-2024

- LEGEND:**
- S --- PROPOSED STORM DRAINAGE LINE
 - W --- PROPOSED WATER LINE
 - FP --- PROPOSED FIRE PROTECTION LINE
 - S --- PROPOSED SANITARY SEWER LINE
 - KW --- PROPOSED KITCHEN WASTE LINE
 - G --- PROPOSED GAS LINE
 - E --- PROPOSED UNDERGROUND ELECTRIC LINE
 - T --- PROPOSED TELEPHONE LINE
 - S --- PROPOSED SANITARY SEWER MANHOLE
 - S --- PROPOSED STORM DRAINAGE MANHOLE
 - S --- PROPOSED WATER QUALITY UNIT
 - S --- PROPOSED CATCH BASIN
 - S --- PROPOSED DOUBLE CATCH BASIN
 - S --- PROPOSED AREA DRAIN
 - S --- PROPOSED HYDRANT
 - S --- PROPOSED POST INDICATOR VALVE
 - S --- PROPOSED GAS GATE VALVE
 - S --- PROPOSED WATER GATE VALVE
 - S --- PROPOSED TAP AND SLEEVE VALVE
 - S --- PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - S --- PROPOSED DIRECTIONAL FLOW



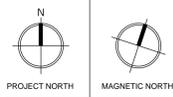
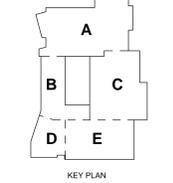
DRA
 Drumme Rosane Anderson, Inc.
 300 Charles Street, Studio 300, Waltham, MA 02453
 225 Oakland Road, Studio 205, South Windsor, CT 06074
 Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

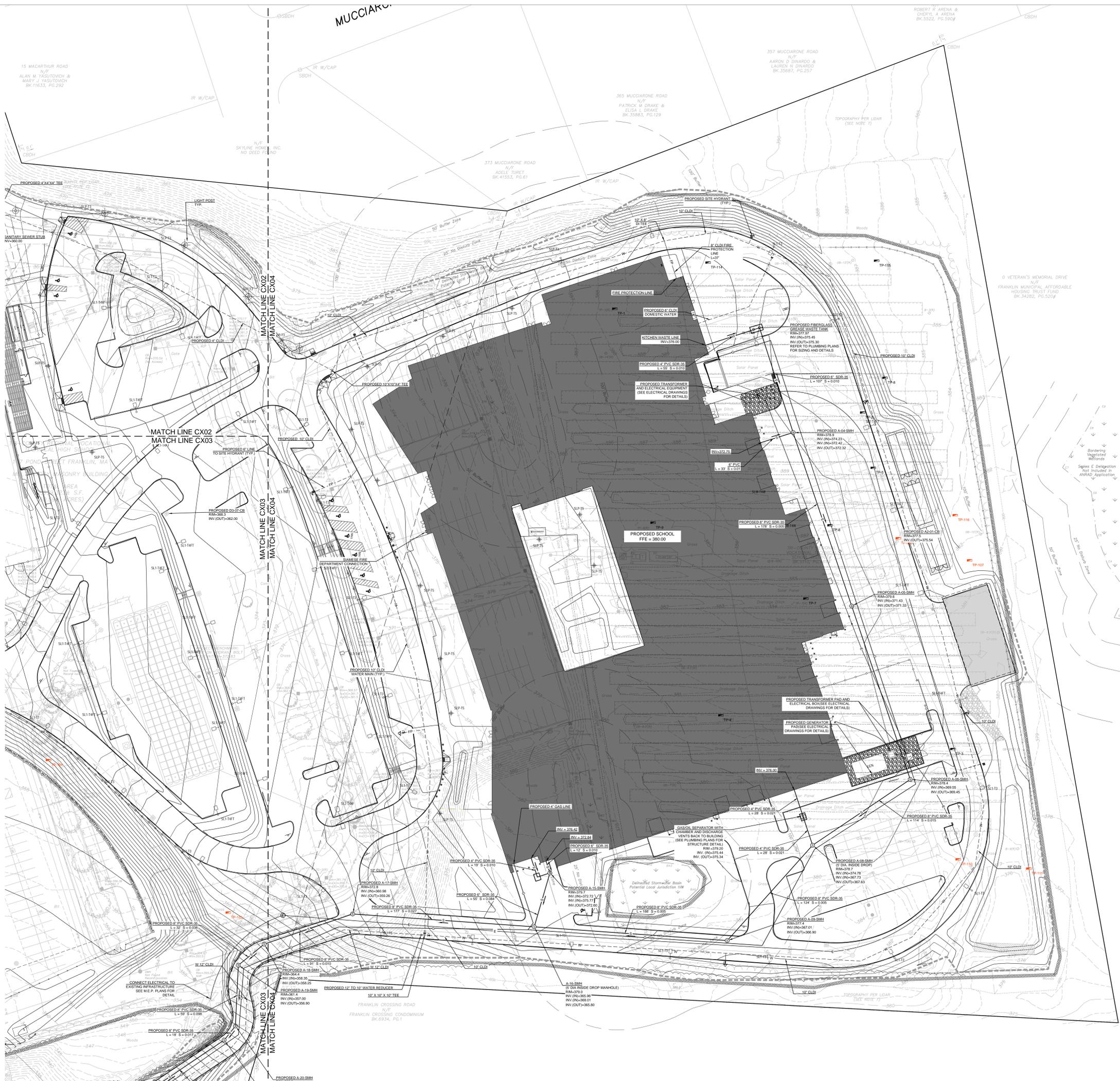
BID SET #01 SITE ENABLING CONTRACT DOCUMENTS

05/08/2024



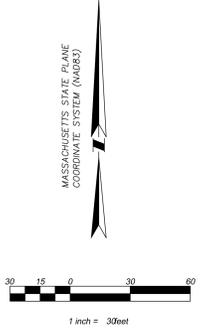
CIVIL UTILITY PLAN

Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024
C402



NOTES:
 1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED TRI-COUNTY REGIONAL VOCATIONAL, TECHNICAL HIGH SCHOOL, TOPOGRAPHIC PLAN OF LAND, PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-15-2024.

- LEGEND:**
- S --- PROPOSED STORM DRAINAGE LINE
 - W --- PROPOSED WATER LINE
 - FP --- PROPOSED FIRE PROTECTION LINE
 - S --- PROPOSED SANITARY SEWER LINE
 - KW --- PROPOSED KITCHEN WASTE LINE
 - G --- PROPOSED GAS LINE
 - E --- PROPOSED UNDERGROUND ELECTRIC LINE
 - T --- PROPOSED TELEPHONE LINE
 - SMH PROPOSED SANITARY SEWER MANHOLE
 - SDMH PROPOSED STORM DRAINAGE MANHOLE
 - WQLU PROPOSED WATER QUALITY UNIT
 - CB PROPOSED CATCH BASIN
 - DCB PROPOSED DOUBLE CATCH BASIN
 - AD PROPOSED AREA DRAIN
 - HD PROPOSED HYDRANT
 - PIV PROPOSED POST INDICATOR VALVE
 - GV PROPOSED GAS GATE VALVE
 - WGV PROPOSED WATER GATE VALVE
 - TSLV PROPOSED TAP AND SLEEVE LINE
 - SSLV PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - DF PROPOSED DIRECTIONAL FLOW



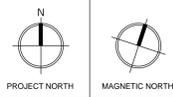
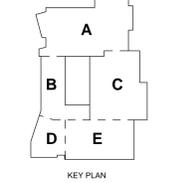
DRA
 Drummeay Rosane Anderson, Inc.
 300 Charles Street
 Studio 300
 Waltham, MA 02453
 225 Oakland Road
 Studio 205
 South Windsor, CT 06074
 Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

**BID SET #01
 SITE ENABLING
 CONTRACT
 DOCUMENTS**

05/08/2024



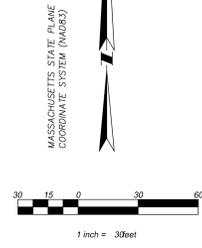
CIVIL UTILITY PLAN

Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024
C404



NOTES:
 1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 09-13-2024

- LEGEND:**
- SD— PROPOSED STORM DRAINAGE LINE
 - W— PROPOSED WATER LINE
 - FP— PROPOSED FIRE PROTECTION LINE
 - S— PROPOSED SANITARY SEWER LINE
 - KW— PROPOSED KITCHEN WASTE LINE
 - G— PROPOSED GAS LINE
 - E— PROPOSED UNDERGROUND ELECTRIC LINE
 - T— PROPOSED TELEPHONE LINE
 - ⊙ SMH PROPOSED SANITARY SEWER MANHOLE
 - ⊙ DMH PROPOSED STORM DRAINAGE MANHOLE
 - ⊙ WQL PROPOSED WATER QUALITY LINT
 - ⊙ CB PROPOSED CATCH BASIN
 - ⊙ DCB PROPOSED DOUBLE CATCH BASIN
 - ⊙ AD PROPOSED AREA DRAIN
 - ⊙ H PROPOSED HYDRANT
 - ⊙ PIV PROPOSED POST INDICATOR VALVE
 - ⊙ GGV PROPOSED GAS GATE VALVE
 - ⊙ WGV PROPOSED WATER GATE VALVE
 - ⊙ TSV PROPOSED TAP AND SLEEVE VALVE
 - ⊙ SL PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - PROPOSED DIRECTIONAL FLOW
 - ⊙ PROPOSED DUAL FIRE DEPARTMENT CONNECTION



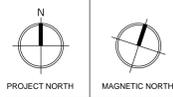
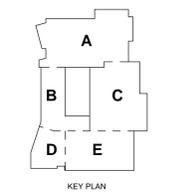
DRA
 Drummy Rosane Anderson, Inc.
 300 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06074
 Planning | Architecture | Interior Design
 Tel: 617.864.1700 www.dra.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

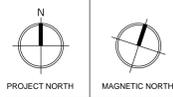
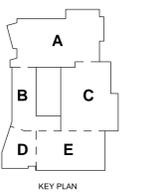
BID SET #01 SITE ENABLING CONTRACT DOCUMENTS

05/08/2024

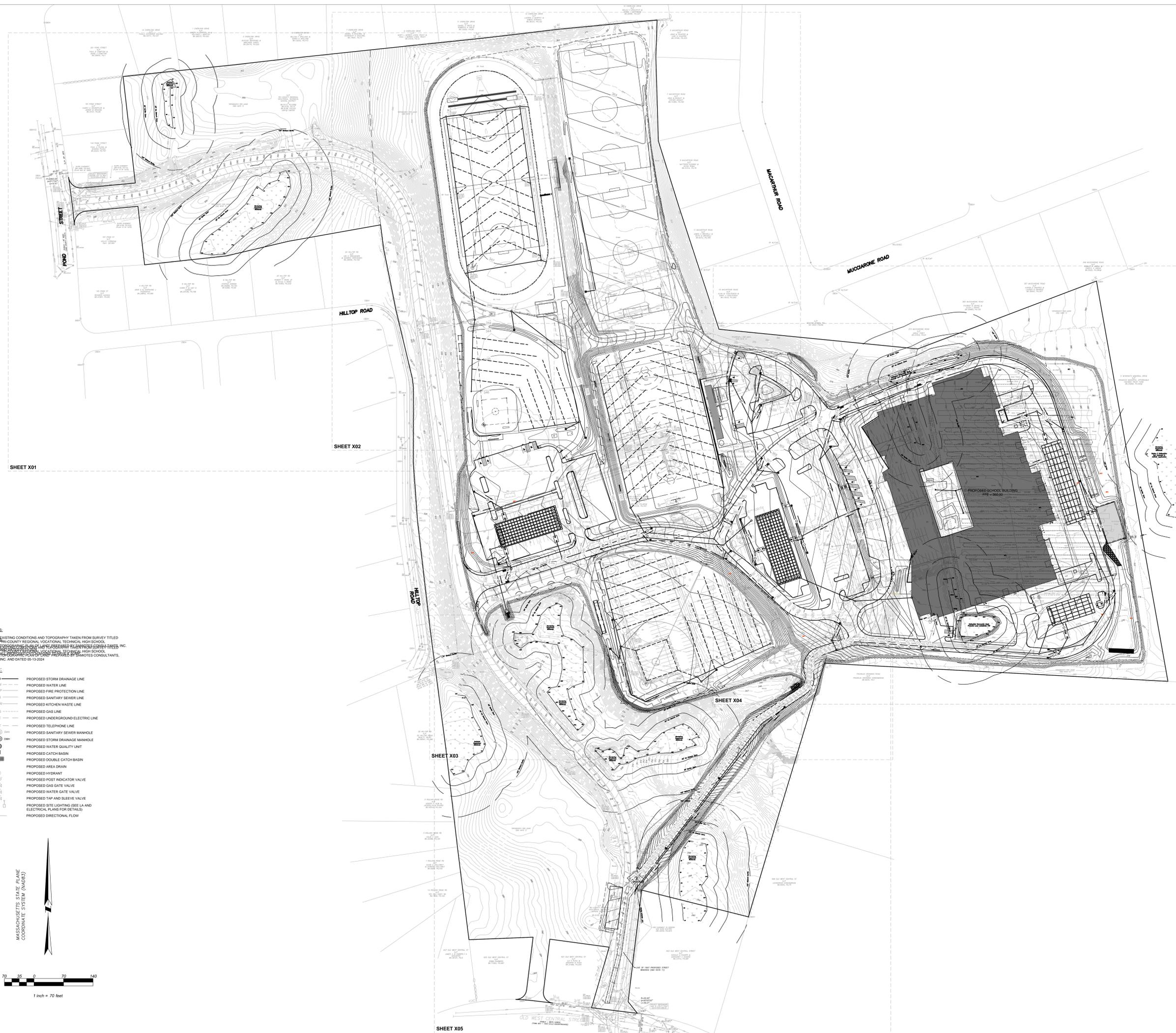


CIVIL UTILITY PLAN

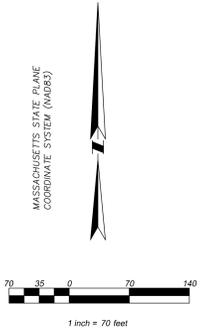
Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024
C405



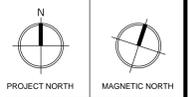
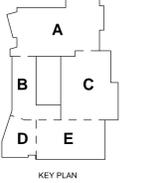
STORMWATER
MANAGEMENT
KEYSHEET



- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED TRI-COUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL, PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-15-2024.
 - TOPOGRAPHIC PLAN OF LOT 10, PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-15-2024.
 - PROPOSED SCHOOL BUILDING, PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-15-2024.
- LEGEND:**
- PROPOSED STORM DRAINAGE LINE
 - PROPOSED WATER LINE
 - PROPOSED FIRE PROTECTION LINE
 - PROPOSED SANITARY SEWER LINE
 - PROPOSED KITCHEN WASTE LINE
 - PROPOSED GAS LINE
 - PROPOSED UNDERGROUND ELECTRIC LINE
 - PROPOSED TELEPHONE LINE
 - PROPOSED SANITARY SEWER MANHOLE
 - PROPOSED STORM DRAINAGE MANHOLE
 - PROPOSED WATER QUALITY UNIT
 - PROPOSED CATCH BASIN
 - PROPOSED DOUBLE CATCH BASIN
 - PROPOSED AREA DRAIN
 - PROPOSED HYDRANT
 - PROPOSED POST INDICATOR VALVE
 - PROPOSED GAS GATE VALVE
 - PROPOSED WATER GATE VALVE
 - PROPOSED TAP AND SLEEVE VALVE
 - PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - PROPOSED DIRECTIONAL FLOW



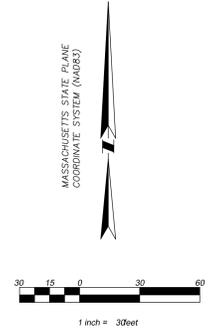
© COPYRIGHT 2023, DRUMREY ROSANE ANDERSON, INC.



STORMWATER
MANAGEMENT
PLAN



- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOITES CONSULTANTS, INC. AND DATED 05-13-2024
 - ALL PROPOSED CATCH BASINS TO HAVE 4' SLUMP
- LEGEND:**
- PROPOSED STORM DRAINAGE LINE
 - PROPOSED WATER LINE
 - PROPOSED FIRE PROTECTION LINE
 - PROPOSED SANITARY SEWER LINE
 - PROPOSED KITCHEN WASTE LINE
 - PROPOSED GAS LINE
 - PROPOSED UNDERGROUND ELECTRIC LINE
 - PROPOSED TELEPHONE LINE
 - PROPOSED SANITARY SEWER MANHOLE
 - PROPOSED STORM DRAINAGE MANHOLE
 - PROPOSED WATER QUALITY UNIT
 - PROPOSED CATCH BASIN
 - PROPOSED DOUBLE CATCH BASIN
 - PROPOSED AREA DRAIN
 - PROPOSED HYDRANT
 - PROPOSED POST INDICATOR VALVE
 - PROPOSED GAS GATE VALVE
 - PROPOSED WATER GATE VALVE
 - PROPOSED TAP AND SLEEVE VALVE
 - PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - PROPOSED DIRECTIONAL FLOW

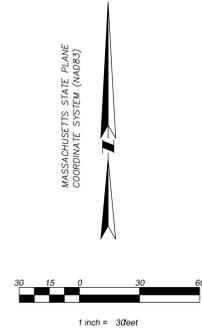




NOTES:

- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL, TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-13-2024
- ALL PROPOSED CATCH BASINS TO HAVE 4' SLUMP

- LEGEND:**
- D PROPOSED STORM DRAINAGE LINE
 - W PROPOSED WATER LINE
 - FP PROPOSED FIRE PROTECTION LINE
 - S PROPOSED SANITARY SEWER LINE
 - KW PROPOSED KITCHEN WASTE LINE
 - G PROPOSED GAS LINE
 - E PROPOSED UNDERGROUND ELECTRIC LINE
 - T PROPOSED TELEPHONE LINE
 - SMH PROPOSED SANITARY SEWER MANHOLE
 - DMH PROPOSED STORM DRAINAGE MANHOLE
 - WQLN PROPOSED WATER QUALITY LINT
 - CB PROPOSED CATCH BASIN
 - DCB PROPOSED DOUBLE CATCH BASIN
 - AD PROPOSED AREA DRAIN
 - HD PROPOSED HYDRANT
 - PIV PROPOSED POST INDICATOR VALVE
 - GV PROPOSED GAS GATE VALVE
 - WGV PROPOSED WATER GATE VALVE
 - TSSV PROPOSED TAP AND SLEEVE VALVE
 - SL PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - DF PROPOSED DIRECTIONAL FLOW



DRA

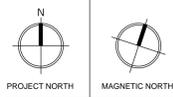
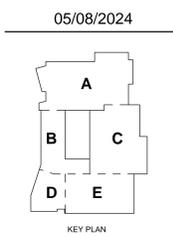
Drumrey Rosane Anderson, Inc.
 300 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06074

Planning | Architecture | Interior Design
 Tel: 617 864 1700
 www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

BID SET #01 SITE ENABLING CONTRACT DOCUMENTS



STORMWATER MANAGEMENT PLAN

Scale: 1"=30'
 Project: 52033.00
 Author: GLM
 Date: 05/02/2024

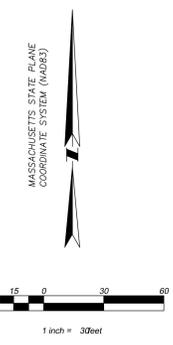
C502



NOTES:
1. EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SMOOTHS CONSULTANTS, INC. AND DATED 05-13-2024.
2. ALL PROPOSED CATCH BASINS TO HAVE 4' SLUMP

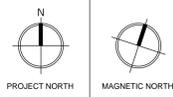
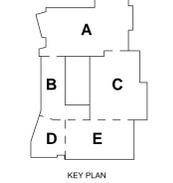
LEGEND:

— D —	PROPOSED STORM DRAINAGE LINE
— W —	PROPOSED WATER LINE
— FP —	PROPOSED FIRE PROTECTION LINE
— S —	PROPOSED SANITARY SEWER LINE
— KW —	PROPOSED KITCHEN WASTE LINE
— G —	PROPOSED GAS LINE
— E —	PROPOSED UNDERGROUND ELECTRIC LINE
— T —	PROPOSED TELEPHONE LINE
⊙ DMH	PROPOSED SANITARY SEWER MANHOLE
⊙ DMH	PROPOSED STORM DRAINAGE MANHOLE
⊙ DMH	PROPOSED WATER QUALITY UNIT
⊙ CB	PROPOSED CATCH BASIN
⊙ CB	PROPOSED DOUBLE CATCH BASIN
⊙ CB	PROPOSED AREA DRAIN
⊙ CB	PROPOSED HYDRANT
⊙ CB	PROPOSED POST INDICATOR VALVE
⊙ CB	PROPOSED GAS GATE VALVE
⊙ CB	PROPOSED WATER GATE VALVE
⊙ CB	PROPOSED TAP AND SLEEVE VALVE
⊙ CB	PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
→	PROPOSED DIRECTIONAL FLOW



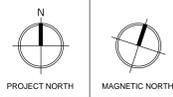
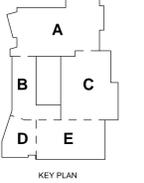
BID SET #01
SITE ENABLING
CONTRACT
DOCUMENTS

05/08/2024



STORMWATER
MANAGEMENT
PLAN

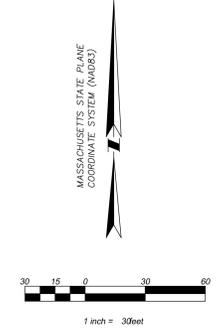
Scale: 1" = 30'
Project: 52033.00
Author: GJM
Date: 05/02/2024
C503



**STORMWATER
MANAGEMENT
PLAN**



- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOETS CONSULTANTS, INC. AND DATED 06-13-2024
 - ALL PROPOSED CATCH BASINS TO HAVE 4" SLUMP
- LEGEND:**
- PROPOSED STORM DRAINAGE LINE
 - PROPOSED WATER LINE
 - PROPOSED FIRE PROTECTION LINE
 - PROPOSED SANITARY SEWER LINE
 - PROPOSED KITCHEN WASTE LINE
 - PROPOSED GAS LINE
 - PROPOSED UNDERGROUND ELECTRIC LINE
 - PROPOSED TELEPHONE LINE
 - PROPOSED SANITARY SENSER MANHOLE
 - PROPOSED STORM DRAINAGE MANHOLE
 - PROPOSED WATER QUALITY UNIT
 - PROPOSED CATCH BASIN
 - PROPOSED DOUBLE CATCH BASIN
 - PROPOSED AREA DRAIN
 - PROPOSED HYDRANT
 - PROPOSED POST INDICATOR VALVE
 - PROPOSED GAS GATE VALVE
 - PROPOSED WATER GATE VALVE
 - PROPOSED TAP AND SLEEVE VALVE
 - PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - PROPOSED DIRECTIONAL FLOW

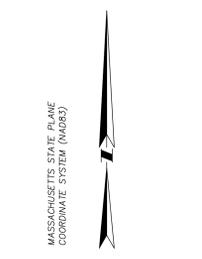




NOTES:

- EXISTING CONDITIONS AND TOPOGRAPHY TAKEN FROM SURVEY TITLED "TRICOUNTY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL TOPOGRAPHIC PLAN OF LAND" PREPARED BY SAMOTES CONSULTANTS, INC. AND DATED 05-13-2024
- ALL PROPOSED CATCH BASINS TO HAVE 4' SLUMP

- LEGEND:**
- D --- PROPOSED STORM DRAINAGE LINE
 - W --- PROPOSED WATER LINE
 - FP --- PROPOSED FIRE PROTECTION LINE
 - S --- PROPOSED SANITARY SEWER LINE
 - KW --- PROPOSED KITCHEN WASTE LINE
 - G --- PROPOSED GAS LINE
 - E --- PROPOSED UNDERGROUND ELECTRIC LINE
 - T --- PROPOSED TELEPHONE LINE
 - SMH --- PROPOSED SANITARY SEWER MANHOLE
 - DMH --- PROPOSED STORM DRAINAGE MANHOLE
 - WQL --- PROPOSED WATER QUALITY UNIT
 - CB --- PROPOSED CATCH BASIN
 - DCB --- PROPOSED DOUBLE CATCH BASIN
 - AD --- PROPOSED AREA DRAIN
 - HD --- PROPOSED HYDRANT
 - PIV --- PROPOSED POST INDICATOR VALVE
 - GV --- PROPOSED GAS GATE VALVE
 - WGV --- PROPOSED WATER GATE VALVE
 - TSS --- PROPOSED TAP AND SLEEVE VALVE
 - SL --- PROPOSED SITE LIGHTING (SEE LA AND ELECTRICAL PLANS FOR DETAILS)
 - DF --- PROPOSED DIRECTIONAL FLOW



DRA

DrummeY Rosane Anderson, Inc.
 200 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06074

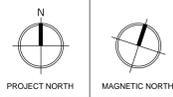
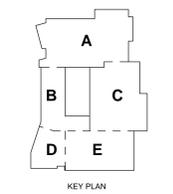
Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

**BID SET #01
SITE ENABLING
CONTRACT
DOCUMENTS**

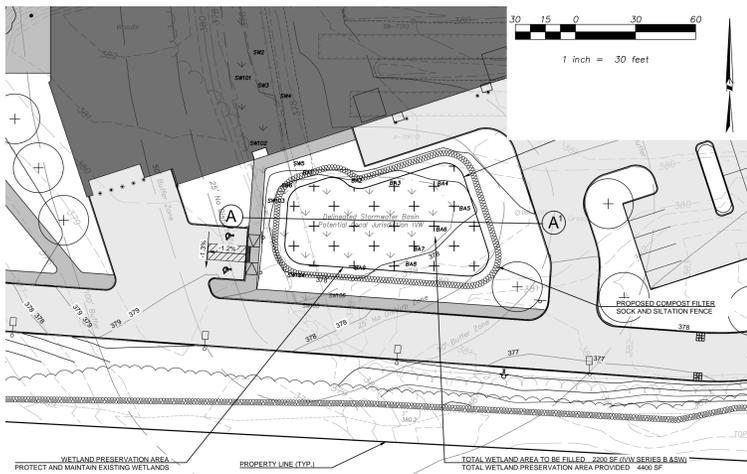
05/08/2024



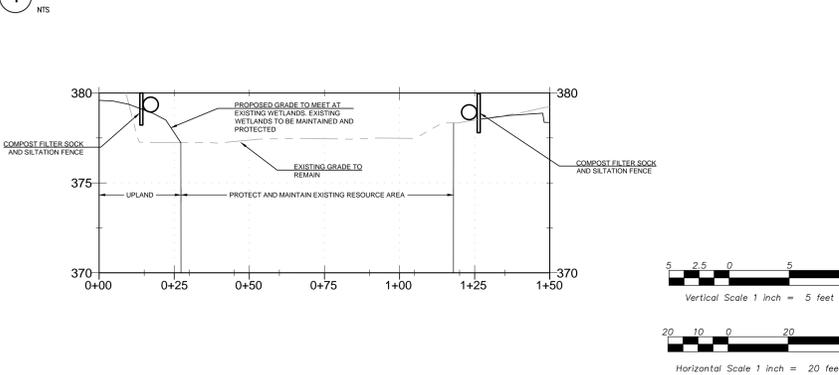
**STORMWATER
MANAGEMENT
PLAN**

Scale: 1"=30'
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024

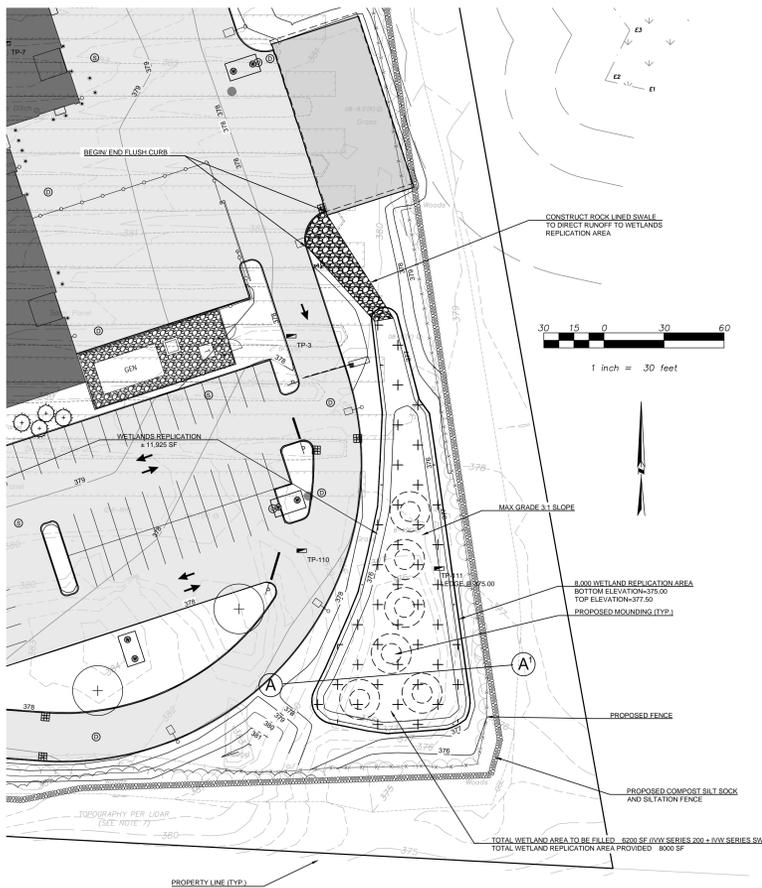
C505



1 WETLAND PRESERVATION AREA #1



1 WETLAND PRESERVATION AREA #1 SECTION A-A-1



2 WETLAND PRESERVATION AREA #2



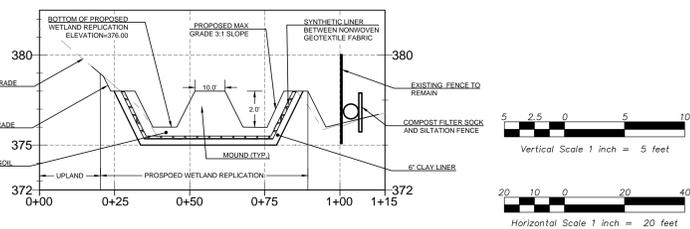
3 SILT FENCE WITH COMPOST FILTER SOCK

4 COMPOST FILTER SOCK

Plant Name	Plant Height	Plant Quantity	Wetland Indicator Status	Planting Notes
Black Chokeberry (<i>Aronia purifolia</i>)	36-48"	10	FAC	A medium-sized shrub (6-10') with small white to pinkish flowers in the spring. Persistent red berries are eaten by wildlife in winter. Very soil adaptable. Plant in upland fringe bordering Wetland Replication Area and upland areas disturbed by construction access.
Sweet Pepperbush (<i>Clethra alnifolia</i>)	36-48"	7	FAC+	A medium-sized shrub found in coastal and inland wetlands. Provides food and cover for birds. Tolerates drier sites. Plant on mounds and along fringe of Wetland Replication Area.
Northern Arrowwood (<i>Viburnum dentatum</i>)	36-48"	7	FACW-	A medium shrub (6-12') common in shrub swamps and forested wetlands. Tolerates partial shade and various soil moisture. Plant on mounds and slopes of Wetland Replication Area.
Buttonbush (<i>Cephalanthus occidentalis</i>)	36-48"	7	OBL	Medium-sized shrub, white globular-shaped flowers in summer. Prefers soils flooded or saturated for long periods or fluctuating hydrology. Nutlets are food for ducks and other birds. Plant in depressions of Wetland Replication Area.
Winterberry (<i>Ilex verticillata</i>)	36-48"	7	FACW+	Medium to tall shrub found in a variety of wetlands. Shade to full sun. Bright red berries persist into winter and are important wildlife food. Plant on slopes of mounds in Wetland Replication Area.
TOTAL		38		
Ernst OBL-FACW Perennial Food and Cover Wetland Mix™ (or approved equivalent)	20 lbs/acre	3.5 lbs	Varied	This wetland restoration and mitigation mix contains common native species to create a permanent grass and forb cover. Seed from October-May in full sun or partially shaded areas in rich, wet, saturated soils; tolerates standing water during the dormant season and part of the growing season. Source: Ernst Seeds https://www.ernstseeds.com/products/obl-facw-perennial-food-cover-wetland-mix/ Plant in Wetland Replication Area.
New England Wetland Plants New England Conservation / Wildlife Mix	25 lbs/acre	4.5 lbs	Varied	The New England Conservation/Wildlife Mix provides a permanent cover of grasses, wildflowers, and legumes. For both good erosion control and wildlife habitat value. The mix is designed to be a no-maintenance seeding, and is appropriate for cut and fill slopes, detention basin side slopes, and disturbed areas adjacent to commercial and residential projects. https://www.comseeds.com/new-england-wildlife Plant along upland slopes of Wetland Replication Area and restored access areas.

NOTE: SHRUBS SHALL BE PLANTED ON THE TOP OF THE MOUNDS WITH 30-36" SPACING O.C.

5 WETLAND REPLICATION AREA PLANTING AND SEED TABLE



2 WETLAND REPLICATION AREA #2 SECTION A-A-1

ISOLATED VEGETATED WETLAND HABITAT CREATION NOTES
AN ISOLATED VEGETATED WETLAND HABITAT ('WETLAND REPLICATION AREA') CONSTRUCTION SEQUENCE AND MONITORING PROTOCOL SHALL BE IMPLEMENTED AS FOLLOWS (WHERE DEVIATIONS EXIST BETWEEN THESE NOTES OR THE WETLAND REPLICATION AREA DESIGN DRAWINGS AND THE ORDER OF CONDITIONS, THE ORDER OF CONDITIONS SHALL CONTROL)

PURPOSE
1. THE PURPOSE OF THE WETLAND REPLICATION AREA IS TO MITIGATE UNAVOIDABLE IMPACTS ASSOCIATED WITH THE FILLING OF THE LOCAL JURISDICTIONAL RESOURCE AREA LOCATED TOWARDS THE NORTH AND SOUTH OF THE PROJECT BUILDING SITE. THE WETLAND REPLICATION AREA SHALL BE CONSTRUCTED AT AN APPROXIMATELY 2:1 RATIO, RESULTING IN ABOUT 8,000 SF OF NEW WETLANDS. THE WETLAND REPLICATION AREA SHALL BE CONSTRUCTED IN A MANNER SUCH THAT IT PROVIDES ENHANCED WETLAND FUNCTIONS AND VALUES RELATIVE TO THE WETLAND THAT IS BEING FILLED, INCLUDING THE CREATION OF IMPORTANT WILDLIFE HABITAT FEATURES FOR POTENTIAL VERNAL POOL INDICATOR SPECIES. AN IMPORTANT CONSIDERATION TOWARDS THE CREATION OF VERNAL POOL HABITAT IS THAT IT BE SUFFICIENTLY WET DURING THE SPRING BREEDING PERIOD (TYP. MARCH THROUGH JUNE) TO ALLOW FOR THE METAMORPHOSIS OF CERTAIN FACULTATIVE AND OBLIGATE VERNAL POOL INDICATOR SPECIES, INCLUDING BUT NOT LIMITED TO WOOD FROG (LITHOBATES SYLVATICUS) AND SPOTTED SALAMANDER (AMBYSTOMA MACULATUM), AMONG OTHER SPECIES.

CONSTRUCTION OVERSIGHT BY QUALIFIED PERSONNEL
2. THE CONSTRUCTION OF THE WETLAND REPLICATION AREA, INCLUDING FINE GRADING, SOILS PLACEMENT, LINER INSTALLATION, AND PLANTINGS, SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A QUALIFIED WETLAND SCIENTIST (WVS) HIRED BY THE APPLICANT. THE WVS SHALL BE ON SITE TO MONITOR CONSTRUCTION OF THE WETLAND REPLICATION AREA TO ENSURE COMPLIANCE WITH THE MITIGATION PLAN AND TO ADJUST WHEN NEEDED TO MEET THE VERNAL POOL INDICATOR SPECIES. FIELD ADJUSTMENTS MAY INCLUDE BUT ARE NOT LIMITED TO: SUB-GRADES, FINAL GRADES, MICRO-TOPOGRAPHY, SEDIMENT CONTROLS, PLACEMENT OF WOODY DEBRIS AND OTHER WILDLIFE HABITAT FEATURES, AND PLANTINGS (BOTH SPECIES AND PLACEMENT, DEPENDING ON NURSERY AVAILABILITY) BASED ON SITE SPECIFIC CONDITIONS AT THE TIME OF CONSTRUCTION.
3. AT LEAST 14 DAYS PRIOR TO THE START OF CONSTRUCTION AND THE PRE-CONSTRUCTION KICK-OFF MEETING, THE APPLICANT SHALL PROVIDE TO THE COMMISSION FOR REVIEW AND APPROVAL THE WRITTEN QUALIFICATIONS, DEMONSTRATED PROJECT EXPERIENCE, AND CREDENTIALS OF THE DESIGNATED WVS THAT WILL BE OVERSEEING CONSTRUCTION OF THE WETLAND REPLICATION AREA.

REESTABLISHED WETLAND FLAGGING AND SEDIMENT CONTROLS
4. PROJECT SURVEYORS, IF NECESSARY, SHALL RE-ESTABLISH AND RE-LABEL WETLAND FLAGS AS PER THE RECORD DRAWINGS USING WOODEN STAKES INSTALLED WITHIN 100-FOOT OF THE WETLAND REPLICATION AREA. THE STAKES SHALL REMAIN IN PLACE UNTIL WETLAND VEGETATION HAS BECOME FULLY ESTABLISHED. THIS SURVEY AND STAKING WORK SHALL OCCUR PRIOR TO CONSTRUCTION OF THE WETLAND REPLICATION AREA.
5. PRIOR TO CONSTRUCTION 12-INCH DIAMETER COMPOST FILTER TUBES AND SILT FENCE SHALL BE INSTALLED AS PER MANUFACTURER SPECIFICATIONS ALONG THE DOWN GRADIENT EDGE OF THE WETLAND REPLICATION AREA TO PROTECT DOWN GRADIENT BORDERING VEGETATED WETLANDS (AS SHOWN ON THE RECORD DRAWINGS). THE BALANCE OF THE PERIMETER OF THE WETLAND REPLICATION AREA SHALL BE ENCIRCLED WITH THE SAME SEDIMENT CONTROL MEASURES AFTER THE GRADING AND PLANTING WORK IS COMPLETE.

REFERENCE WETLANDS
6. LOCATING THE WETLAND REPLICATION AREA NEAR THE OTHER SIMILAR RESOURCE AREA, AS DEPICTED ON THE RECORD DRAWINGS (SEE REFERENCE WETLANDS I/VW SERIES 200 AND I/VW SERIES B & SW), INCREASES THE POTENTIAL FOR A GREATER VARIETY AND NUMBER OF VERTEBRATE AND INVERTEBRATE SPECIES TO USE THE NEW WETLAND AREA. THESE NEARBY WETLANDS MAY PROVIDE A SOURCE OF AMPHIBIANS, REPTILES, INSECTS, AND PLANTS THAT CAN READILY COLONIZE THE NEW WETLAND SOIL.
7. THE FINAL GRADING OF THE WETLAND REPLICATION AREA SHOULD BE LIKE THE OTHER RESOURCE AREA IN ORDER TO MIMIC THE DESIRED WET-DRY-HYDROLOGIC CYCLE OBSERVED THEREIN. THEREFORE, THE ELEVATION OF THE WETLAND REPLICATION AREA SHOULD BE SHALLOW AND GENERALLY NOT CHANGE BY MORE THAN 18 TO 24-INCHES FROM THE UPPER TO THE LOWER EDGE.

SYNTHETIC LINER INSTALLATION TECHNIQUE
8. IN ORDER TO SUPPLEMENT GROUNDWATER AND TIGHTER ON-SITE SOILS NEAR THE SURFACE OF THE WETLAND REPLICATION AREA SITE TO CREATE THE DESIRED HYDROLOGIC CONDITIONS, THE WETLAND SHALL BE CONSTRUCTED USING A COMBINATION CLAY AND SYNTHETIC LINER TECHNIQUE (CREATING A PERFECTED CONDITION). THE SYNTHETIC LINER SHALL BE AN APPROVED COMMERCIAL FISH GRADE / AQUATIC SAFE NON-TOXIC LINER, WELDED AT THE FACTORY (I.E., FACTORY SEALED) AND CUT TO THE SPECIFIED SIZE. LINERS MADE OF EPDM (ETHYLENE PROPYLENE MONOMER) THAT IS 45 MILLIMETERS THICK OR RPE (REINFORCED POLYETHYLENE) THAT IS 30 MILLIMETERS THICK ARE APPROPRIATE. THE CLAY LINER COMPONENT SHALL BE INSTALLED BENEATH THE SYNTHETIC LINER TO A UNIFORM THICKNESS OF 1-INCHES ON A PREPARED SUBBASE. THE CLAY LINER SHALL BE COMPACTED WITH A SHEEPS FOOT ROLLER.
9. TO PROTECT THE SYNTHETIC LINER FROM SHARP ROCKS OR STICKS, IT SHALL BE SANDWICHED BETWEEN TWO 16-OUNCE ENVIRONMENTAL GRADE GEOTEXTILE FABRIC PADS / SYNTHETIC BLANKETS (ONE-PIECE EACH, FACTORY AND THEN COVERED WITH AT LEAST 8 TO 12-INCHES OF 'WETLAND SOIL' (SEE SPECIFICATIONS BELOW FOR ADDITIONAL DETAIL). AMPHIBIANS AND INSECTS MAY ALSO SEND THE WINTER ON THE BOTTOM OF THE WETLAND IN THE SOIL PLACED OVER THE LINER. THE TOP EDGES OF THE SYNTHETIC LINER AND GEOTEX TILE FABRIC PADS SHALL BE ANCHORED WITH 12-INCH LONG GALVANIZED STEEL LANDSCAPE SPIKES AND WASHERS PLACED APPROXIMATELY 18-INCHES APART AND/OR AS PER MANUFACTURER SPECIFICATIONS. THE STAKES WILL KEEP THE LINER FROM BEING PUSHED DOWN INTO THE DEPRESSION WHEN IT IS BEING COVERED WITH SOIL.

10. EXCESS LINER GEOTEX TILE MATERIAL SHALL BE CUT AND PROPERLY DISPOSED OF. THE PERIMETER OF THE INSTALLED LINER SHALL BE DELINEATED WITH WIRE FLAGS SO THAT HEAVY EXCAVATOR EQUIPMENT DOES NOT TRAVEL OVER THE LINER AND CAUSE SHEARING FROM DIFFERENTIAL COMPACTION WHEN PLACING WETLAND SOIL OR INSTALLING PLANTS.
11. THE WETLAND REPLICATION AREA'S EDGE SHOULD BE IRREGULAR, WITH GRADUAL SLOPES LEADING TO THE WETLAND'S EDGE. THESE GRADUAL SLOPES CAN BE IMPORTANT TO THE EMIGRATION OF FULLY DEVELOPED AMPHIBIAN LARVAE.
12. PRIOR TO PLACEMENT OF WETLAND SOIL, THE SITE CONTRACTOR SHALL PROVIDE THE WS WITH AN INTERIM AS-BUILT. THE INTERIM AS BUILT SHALL INCLUDE A SURFACE AREA CALCULATION CONFIRMING THAT SUFFICIENT AREA HAS BEEN PROVIDED (EXCLUDING SIDE SLOPES).
13. EXISTING WETLAND SOILS FROM THE WETLAND FILL LOCATION ARE NOT SUITABLE FOR RE-USE DUE TO THE TIMING OF EARTHWORK AND WETLANDS REPLICATION AREA CONSTRUCTION. HOWEVER, TOPSOIL EXCAVATED FROM THE WETLAND REPLICATION AREA SITE MAY BE REPURPOSED AND AMENDED WITH AN EVENLY MIXED ORGANIC MINERAL SOIL ('WETLAND SOIL') IMPORTED FROM A REPUTABLE OFF-SITE SOURCE / SUPPLIER AS APPROVED BY THE WS. THE DEPTH OF SOIL PLACED IN THE WETLAND REPLICATION AREA SHALL BE APPROXIMATELY 1.2-INCHES THROUGHOUT, BRINGING GRADES TO THE FINAL DESIRED ELEVATIONS.
14. AS NOTED ABOVE, THE PERIMETER OF THE INSTALLED LINER SHALL BE DELINEATED WITH WIRE FLAGS SO THAT HEAVY EXCAVATOR EQUIPMENT DOES NOT TRAVEL OVER THE LINER AND CAUSE SHEARING FROM DIFFERENTIAL COMPACTION WHEN PLACING WETLAND SOIL OR INSTALLING PLANTS.

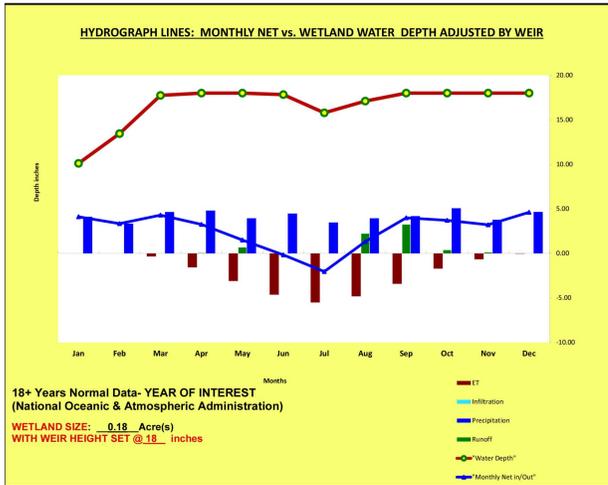
WOODY DEBRIS AND PLANTINGS
15. FOLLOWING PLACEMENT OF THE WETLAND SOIL, MICRO-TOPOGRAPHY (PITS AND MOUNDS) SHALL THEN BE ESTABLISHED USING CONTINUOUS ROUGH GRADING ('ROUGH AND LOOSEN TECHNIQUE'). THE MICRO-TOPOGRAPHY WORK SHALL OCCUR BY HAND (OR A LONG ARM REACH EXCAVATOR) UNDER THE DIRECT SUPERVISION OF THE WS. THE TROUGH OF A DEPRESSION/PIT SHALL BE CONTINUOUS WITH THE CREST OF A MOUND, WHICH SHALL BE CONTINUOUS WITH THE TROUGH OF THE NEXT DEPRESSION/PIT THE ENTIRE WETLAND REPLICATION AREA SHALL BE SCULPTED USING THE PIT-AND-MOUND METHOD WHERE THE FEATURES ARE, ON AVERAGE, 24-INCHES IN HEIGHT FROM THE TOP OF THE CREST ON THE MOUND TO THE BOTTOM OF THE TROUGH IN THE PIT. THE WIDTH OF THE CONSTRUCTED MOUNDS SHALL BE APPROXIMATELY 10 FEET (MEASURED AT THE TOP) AND SPACED APPROXIMATELY 25 TO 30 FEET ON-CENTER UNLESS OTHERWISE DIRECTED BY THE WS. ROUGHLY 50 PERCENT OF THE SURFACE AREA OF THE WETLAND REPLICATION AREA SHOULD BE MOUNDS AND 50 PERCENT SHOULD BE PITS.
16. BE COVERED WITH A MINIMUM 2-INCH LAYER OF WEED-FREE STRAW MULCH (THE USE OF HAY MULCH IS PROHIBITED), OR, IF NOT SOUND DURING THE GROWING SEASON, BY MULCHING WITH TACKIFIERS.
17. THE WETLAND REPLICATION AREA SIDE SLOPES AND ACCESS ROUTES SHALL BE STABILIZED WITH A BIODEGRADABLE EROSION CONTROL BLANKET AND THE SLOPE SEED MIX SPECIFIED ON THE RECORD DRAWINGS.

18. THE WETLAND SEED MIX AND ADJACENT SLOPE MIX SHALL BE SOWN ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. A MANUFACTURER'S CERTIFICATE OF COMPLIANCE TO THE SPECIFICATION SHALL BE PROVIDED BY THE MANUFACTURER WITH EACH SHIPMENT OF SEED AND SUBMITTED TO THE WS. THESE CERTIFICATES SHALL INCLUDE THE GUARANTEED PERCENTAGES OF PURITY, WEED CONTENT AND GERMINATION OF THE SEED AND ALSO THE NET WEIGHT AND DATE SHIPPED. NO SEE MAY BE SHOWN UNTIL THE SITE CONTRACTOR HAS SUBMITTED THE CERTIFICATES TO THE WS.
19. COARSE WOODY DEBRIS CONSISTING OF LOGS AND BRANCHES SHALL BE PLACED WITHIN THE BASIN BY HAND OR LONG ARM REACH EXCAVATOR) TO PROVIDE SHELTER FOR ANIMALS DURING THE POOL'S WET AND DRY PHASES. THE DEBRIS WILL ALSO PROVIDE A PLACE FOR SALAMANDERS TO ATTACH EGG MASSES. THE WOODY DEBRIS SHOULD COVER AT LEAST 41% OF THE SURFACES OF THE WETLAND REPLICATION AREA. LEAVES RAKED FROM THE BASIN SHALL BE SPREAD ACROSS THE BOTTOM OF THE DEPRESSION.
20. NATIVE PLANTINGS SHALL BE INSTALLED AROUND THE UPPER EDGES OF THE WETLAND REPLICATION AREA AND ON THE TOPS AND SIDES OF THE CONSTRUCTED MOUNDS WITHOUT PENETRATING THE SYNTHETIC LINER. AS PER THE APPROVED PLANTING TABLE, THE WS MAY PROPOSE SUBSTITUTIONS RELATIVE TO SPECIES, SIZE, AND QUANTITIES IF THERE IS LIMITED AVAILABILITY OF PLANT STOCK AT THE TIME OF PLANTING. ALL PLANT MATERIAL SHALL BE PURCHASED FROM A NEW ENGLAND NURSERY AND GUARANTEED BY THE SITE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION. IF THE PLANT MATERIAL IS PURCHASED FROM A NURSERY LOCATED OUTSIDE NEW ENGLAND OR FROM A LOCAL NURSERY THAT OBTAINS ITS PLANT MATERIAL FROM OUTSIDE NEW ENGLAND, THE PLANT MATERIAL MUST BE PROPERLY ACCLIMATE TO NEW ENGLAND FOR ONE FULL GROWING SEASON BEFORE PLANTING. THE WS SHALL INSPECT PLANT MATERIAL AT THE TIME OF DELIVERY TO ASSESS HEALTH AND VIGOR AND CONFIRM THAT THE QUANTITIES, SIZE, AND NATIVE SPECIES CONFORM TO THE APPROVED PLANTING PLAN. SPECIES LIST, PERMIT CONDITIONS AND RECORD DRAWINGS. THE WS SHALL HAVE THE AUTHORITY TO REJECT ANY PLANT MATERIAL THEY DETERMINE DOES NOT MEET THESE CRITERIA OR PERMIT CONDITIONS.

21. THE WS SHALL OVERSEE THE PLANTING WORK TO ENSURE CONFORMANCE WITH THESE SPECIFICATIONS. PLANTINGS SHALL BE CLUSTERED AND SPACED RANDOMLY AT THE DIRECTION OF THE SUPERVISING WS TO SIMULATE NATURAL GROWTH PATTERNS AND WHERE APPROPRIATE STRUCTURAL CONTEXT WITH OTHER PLANTINGS CAN BE MAINTAINED. THE USE OF STRAW MULCH AROUND WOODY PLANTINGS IS REQUIRED.
22. PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT PRACTICABLE, THE SITE CONTRACTOR SHALL PROTECT, AND WATER STOCK NOT PLANTED IN CONSULTATION WITH THE WS AND NURSERY. PLANTS SHALL NOT REMAIN UPLAND FOR LONGER THAN A 3-DAY PERIOD AFTER DELIVERY TO THE SITE. ANY PLANTS NOT INSTALLED DURING THIS 3-DAY PERIOD MAY BE REJECTED BY THE WS QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI 260 (REV.1980) 'AMERICAN STANDARD FOR NURSERY STOCK' AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
23. NO FERTILIZATION IS NECESSARY AT PLANTING TIME. IN SUBSEQUENT GROWING SEASONS, SLOW-RELEASE FERTILIZERS SUITABLE FOR SATURATED SOIL CONDITIONS MAY BE APPROPRIATE BASED ON PLANT GROWTH.
24. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROP OR AT ANY TIME TO DAMAGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE BALL OR CONTAINER ONLY.

25. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AS DETERMINED BY THE SUPERVISING WS. THIS IS TYPICALLY BETWEEN APRIL 15 AND JUNE 15 AND SEPTEMBER 15 THROUGH NOVEMBER 15. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-SETTING ANY PLANTS THAT BECOME DISLOADED OR UPROOTED BECAUSE OF FROST HEAVES OR OTHER ENVIRONMENTAL FACTORS DURING THE FIRST TWO GROWING SEASONS.
26. SET ALL PLANTS PLUMB AND STRAIGHT. LOCATE THE PLANT IN THE CENTER OF THE PIT.
27. DUE TO UNPREDICTABILITY OF SHORT TERM LOCAL HYDROLOGIC CONDITIONS AND THE NEED FOR ADDITIONAL CARE TO ESTABLISH NEW PLANTINGS THE SITE CONTRACTOR SHALL IRRIGATE THE PLANTINGS, AS NECESSARY, DURING THE COURSE OF THE FIRST FULL GROWING SEASON AFTER PLANTING.
28. PLANTING HOLE WIDTH SHOULD BE A MINIMUM OF THREE TIMES THE DIAMETER OF THE ROOT BALL (BUT DO NOT PENETRATE THE SYNTHETIC LINER). ROOT BALLS SHALL BE MULCHED.
29. CONTAINER PLANTS SHOULD BE PLANTED AT THE SAME DEPTH AS GROWN IN THE CONTAINER.
POST CONSTRUCTION COMPLIANCE MONITORING
30. FOLLOWING THE INITIAL PLANTING OF THE WETLAND REPLICATION AREA, THE WS SHALL DOCUMENT IN WRITING TO THE COMMISSION THAT THE AREA HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED RECORD DRAWINGS. SUCH DOCUMENTATION SHALL BE ACCOMPANIED BY A FINAL, STAMPED AS-BUILT PLAN PROVIDED BY PROJECT SURVEYORS. THE AS-BUILT PLAN SHALL DETAIL THE LOCATIONS OF INSTALLED PLANTINGS, FINAL GRADE CONTROLS (1- FOOT SPOT ELEVATIONS IN PLAN - VIEW AND A MINIMUM OF TWO SECTION VIEWS), AND THE OVERALL LIMITS OF GRADING. THE AS-BUILT SHALL INCLUDE A SURFACE AREA CALCULATION CONFIRMING THAT SUFFICIENT AREA HAS BEEN PROVIDED (EXCLUDING SIDE SLOPES), AS PER THE ORDER OF CONDITIONS. LOCATIONS OF CROSS-SECTIONS SHOULD BE INDICATED ON THE PLAN VIEW. THE WS REPORT TO THE COMMISSION SHALL INCLUDE REPRESENTATIVE SITE PHOTOGRAPHS OF THE WETLAND REPLICATION AREA, A DISCUSSION OF HYDROLOGIC CONDITIONS, NUMBER AND TYPES OF PLANTS AND SEED INSTALLED IN THE REPLICATION AREA AND RECEIPTS FROM THE PLANT NURSERY AND WETLAND SOIL SOURCE (PROVIDED BY THE SITE CONTRACTOR), AND A DISCUSSION OF ANY FIELD MODIFICATIONS DEEMED NECESSARY BY THE YES TO MEET THE PROJECT PURPOSE AND GOALS.

31. FOLLOWING CONSTRUCTION, THE WETLAND REPLICATION AREA WILL BE MONITORED BY A QUALIFIED WS FOR FIVE (5) FULL GROWING SEASONS. FOR MONITORING PURPOSES, A GROWING SEASON IS DEFINED HEREIN AS THE TIME PERIOD BETWEEN MARCH 1 AND OCTOBER 31 IN ANY GIVEN YEAR, DEPENDING UPON WEATHER CONDITIONS. DURING YEARS 1 AND 2, THE WS WILL CONDUCT MONTHLY INSPECTIONS BETWEEN MARCH AND JUNE TO DETERMINE IF THE VERNAL POOL INDICATOR SPECIES ARE USING THE NEWLY CONSTRUCTED WETLAND, FOLLOWED BY A FINAL INSPECTION IN OCTOBER. DURING YEARS 3 THROUGH 5, THE WS SHALL CONDUCT INSPECTIONS IN THE SPRING AND FALL AN ANNUAL REPORT SUBMITTED NO LATER THAN DECEMBER 1ST FOLLOWING EACH MONITORING PERIOD. DURING EACH MONITORING EVENT, THE WS WILL TALLY AND INSPECT THE HEALTH AND VIGOR OF THE WETLAND MITIGATION PLANTINGS, ASSESS THE GERMINATION OF THE WETLAND SEED MIX, AND DOCUMENT ANY OBSERVED WILDLIFE ACTIVITY (INCLUDING VERNAL POOL ACTIVITY). ANY PLANT MATERIAL THAT HAS FAILED TO ESTABLISH ITSELF AND HAS IMPAIRED THE RESTORATION AREA FROM PROVIDING THE NECESSARY PLANT SPECIES FUNCTIONS SHALL BE REPLACED IN KIND OR SUBSTITUTED FOR A SPECIES THAT IS ESTABLISHING MORE SUCCESSFULLY IN THE MITIGATION AREA (AS RECOMMENDED BY THE WS).
32. THE SEDIMENT CONTROL BARRIERS SHALL BE DISASSEMBLED AND PROPERLY DISPOSED OF BY THE SITE CONTRACTOR AFTER THE REPLICATION AREA IS DEEMED STABLE BY THE WS. SEDIMENT COLLECTED BY THESE DEVICES SHALL BE REMOVED AND DISPOSED OF IN A MANNER THAT PREVENTS EROSION AND TRANSPORT TO A WATERWAY OR WETLAND.



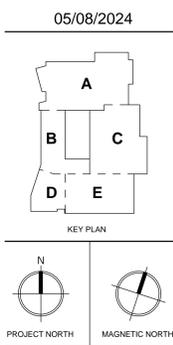
6 WETLAND WATER DEPTH HYDROGRAPH

DRA
Drumme Rosane Anderson, Inc.
300 Charles Street
Waltham, MA 02453
225 Oakland Road
South Winooski, VT 05077
Tel: 877-864-1700
www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

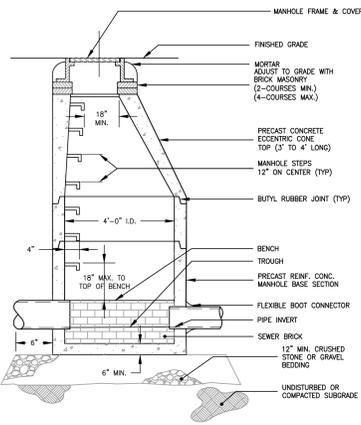
BID SET #01 SITE ENABLING CONTRACT DOCUMENTS



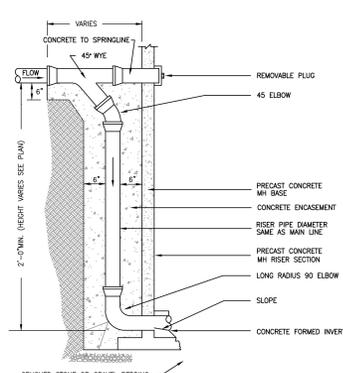
WETLAND REPLICATION PLAN

Scale: AS NOTED
Project: 52033.00
Author: KAH
Date: 05/02/2024
C506

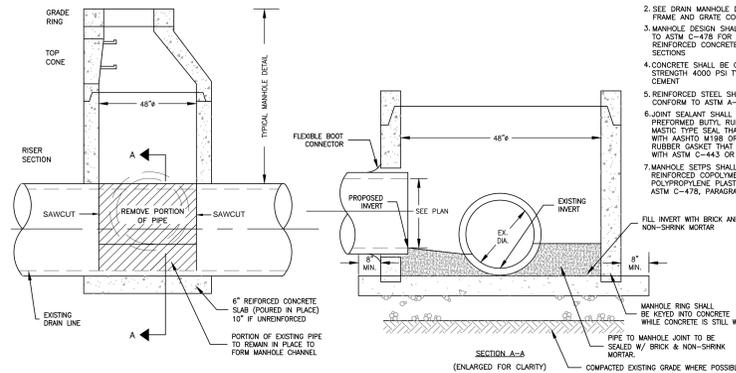
NOTE: ALL WORK SHALL COMPLY WITH THE CITY OF FRANKLIN STANDARD SPECIFICATIONS AND GENERAL CONSTRUCTION DETAILS



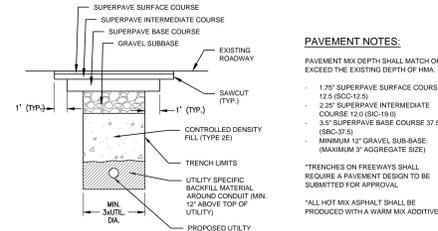
1 PRECAST SANITARY MANHOLE



2 OUTSIDE DROP MANHOLE (DIA=4')



3 DOGHOUSE MANHOLE DETAIL

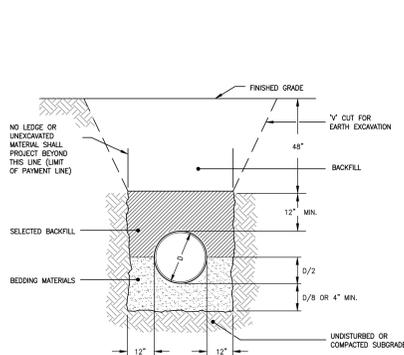


4 TRENCH PATCHING DETAIL

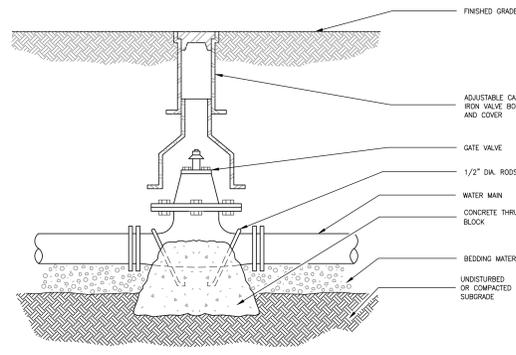
- NOTES:
- DESIGN SLABS FOR H-20 LOADING
 - SEE DRAIN MANHOLE DETAIL FOR FRAME AND GRATE CONSTRUCTION
 - MANHOLE DESIGN SHALL CONFORM TO ASTM C-478 FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS
 - CONCRETE SHALL BE COMPRESSIVE STRENGTH 4000 PSI TYPE I CEMENT
 - REINFORCED STEEL SHALL CONFORM TO ASTM A-185
 - JOINT SEALANT SHALL BE PREFORMED BUTYL RUBBER MASTIC TYPE SEAL THAT COMPLIES WITH ASTM C-443 OR D-361.
 - MANHOLE SETPS SHALL BE STEEL REINFORCED CONCRETE POLYPROPYLENE PLASTIC PER ASTM C-475, PARAGRAPH E

- PAVEMENT NOTES:
- PAVEMENT MIX DEPTH SHALL MATCH OR EXCEED THE EXISTING DEPTH OF HMA.
 - 1.75" SUPERPAVE SURFACE COURSE (SDC-12.5)
 - 2.25" SUPERPAVE INTERMEDIATE COURSE (SDC-19.0)
 - 3.5" SUPERPAVE BASE COURSE (SDC-37.5)
 - MAXIMUM 1" GRAVEL SUB-BASE (MAXIMUM 3" AGGREGATE SIZE)
- *TRENCHES ON FREEWAYS SHALL REQUIRE A PAVEMENT DESIGN TO BE SUBMITTED FOR APPROVAL.
- **ALL HOT MIX ASPHALT SHALL BE PRODUCED WITH A WARM MIX ADDITIVE

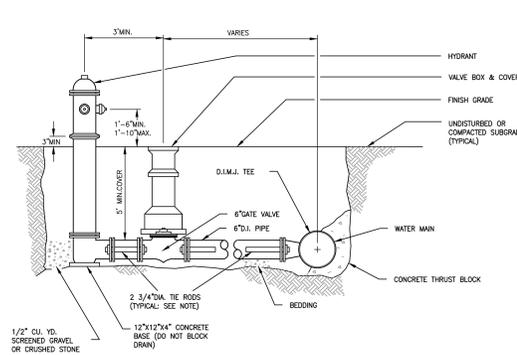
- NOTES:
- IF A TEMPORARY PATCH IS TO BE USED, THE CDF SHALL BE PLACED TO THE ELEVATION OF THE ADJOINING SUBGRADE, THEN GRAVEL SHALL BE PLACED AND COMPACTED TO WITHIN 3 1/2 INCHES OF THE FINISHED GRADE. THE LAST 3 1/2 INCHES SHALL BE HOT MIX ASPHALT PLACED IN TWO LAYERS.
 - MATERIAL WHICH MEETS THE SPECIFICATION FOR GRAVEL BORROW TYPE C (M 030 TYPE C), PLACED AND COMPACTED IN LAYERS NO GREATER THAN 6" MAY BE USED IN PLACE OF THE GDF WITH APPROVAL FROM THE DISTRICT HIGHWAY DIRECTOR.
 - THE EXPOSED EDGES OF ALL LONGITUDINAL AND TRANSVERSE SAW CUT JOINTS SHALL BE TREATED WITH HOT POURED RUBBERIZED ASPHALT JOINT SEALANT MEETING MASSDOT SPECIFICATIONS.
 - YELLOW METAL FOL MARKING TAPE SHALL BE PLACED 18" OVER THE CONDUIT (METAL MARKING TAPE/WIRE SHOULD BE USED FOR NON-METALLIC CONDUIT).
 - FOR ROADS WITH AN EXISTING CEMENT CONCRETE BASE, A REINFORCED, HIGH EARLY STRENGTH AIR ENTRAINED, CLASS "F" CEMENT CONCRETE SLAB SHALL BE CAST IN PLACE TO MEET THE EXISTING PAVEMENT. SPECIFIC JOINT DETAILS WITH THE EXISTING PAVEMENT SHALL BE APPROVED DEPENDENT ON THE EXISTING SITE CONDITIONS.
 - ALL TRENCH DIMENSIONS SHALL BE IN ACCORDANCE WITH SUB-SECTION 140.80 OF THE MASSDOT STANDARDS AND SPECIFICATIONS FOR HIGHWAY AND BRIDGES.
 - SIC 19.0 MAY BE SUBSTITUTED FOR SBC-37.5



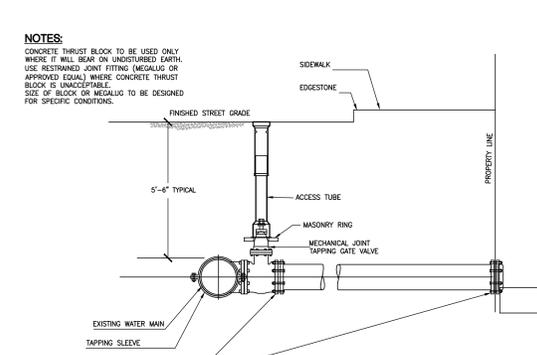
5 TRENCH SECTION - C.L.D.I. WATER PIPE



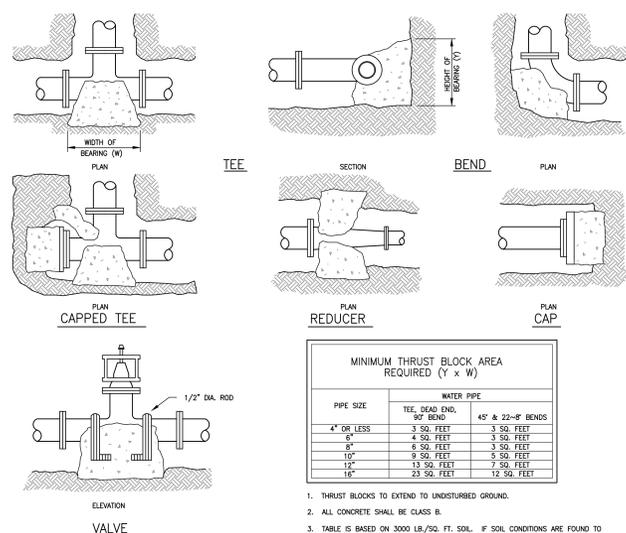
6 GATE VALVE AND BOX



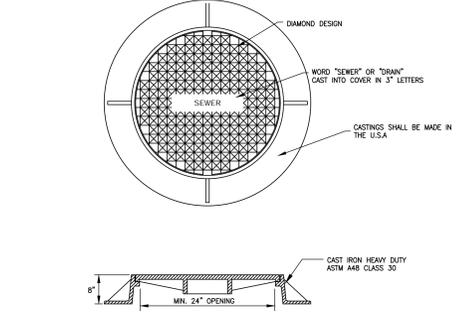
7 TYPICAL FIRE HYDRANT



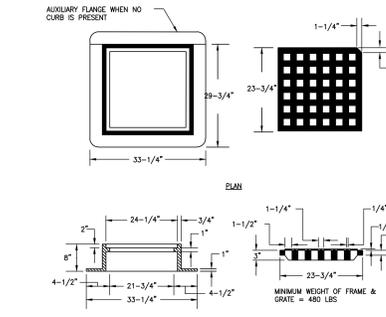
8 WATER PIPE CONNECTION WITH TAPPING SLEEVE AND GATE VALVE



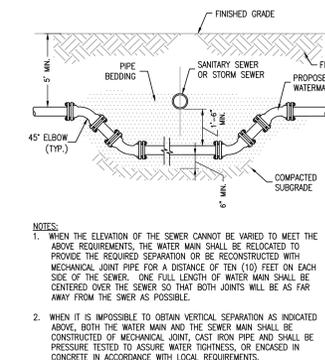
9 THRUST BLOCKS (WATER SYSTEM)



10 DRAIN/SANITARY MANHOLE FRAME AND COVER



11 CATCH BASIN FRAME AND COVER



12 WATER MAIN CROSSING DETAIL

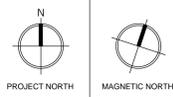
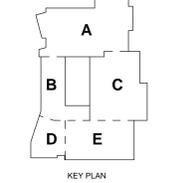
DRA
 Drumme Rosane Anderson, Inc.
 300 Charles Street, Suite 300, Waltham, MA 02453
 225 Oakland Road, Suite 200, South Windsor, CT 06074
 Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.draws.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

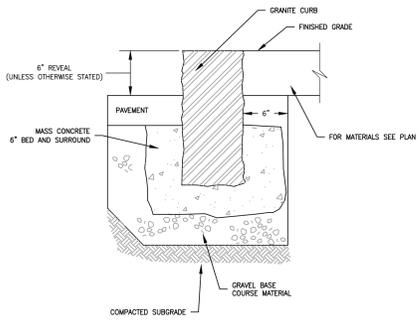
BID SET #01
 SITE ENABLING CONTRACT DOCUMENTS

05/08/2024

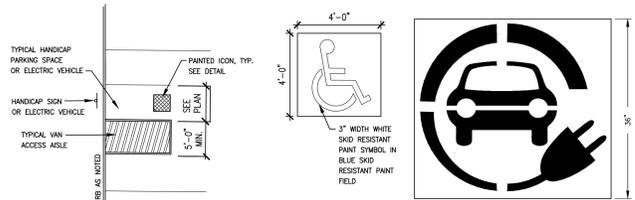


CIVIL DETAILS

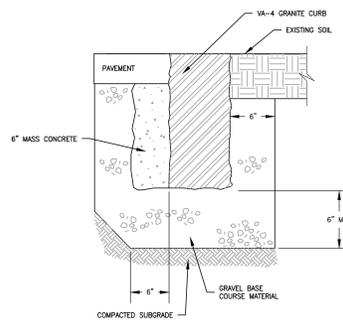
Scale: NTS
 Project: 52033.00
 Author: GJM
 Date: 05/02/2024
C602



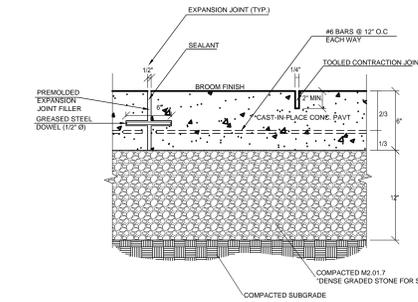
1 VERTICAL GRANITE CURB
NTS



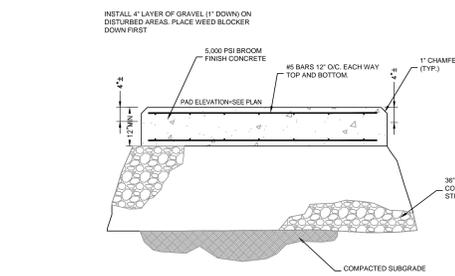
2 PAVEMENT MARKING DETAIL
NTS



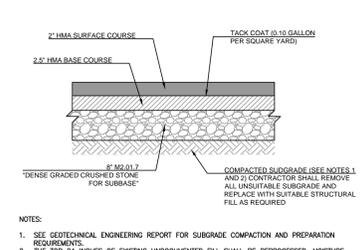
3 FLUSHED GRANITE CURB
NTS



4 HEAVY DUTY CONCRETE PAVEMENT
NTS



5 GENERATOR/ TRANSFORMER/ DUMPSTER PAD
NTS

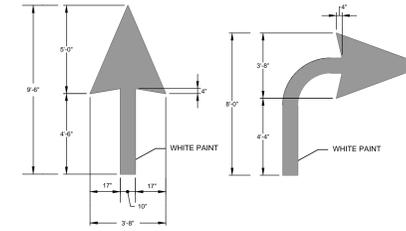


6 ASPHALT PAVEMENT DETAIL
NTS

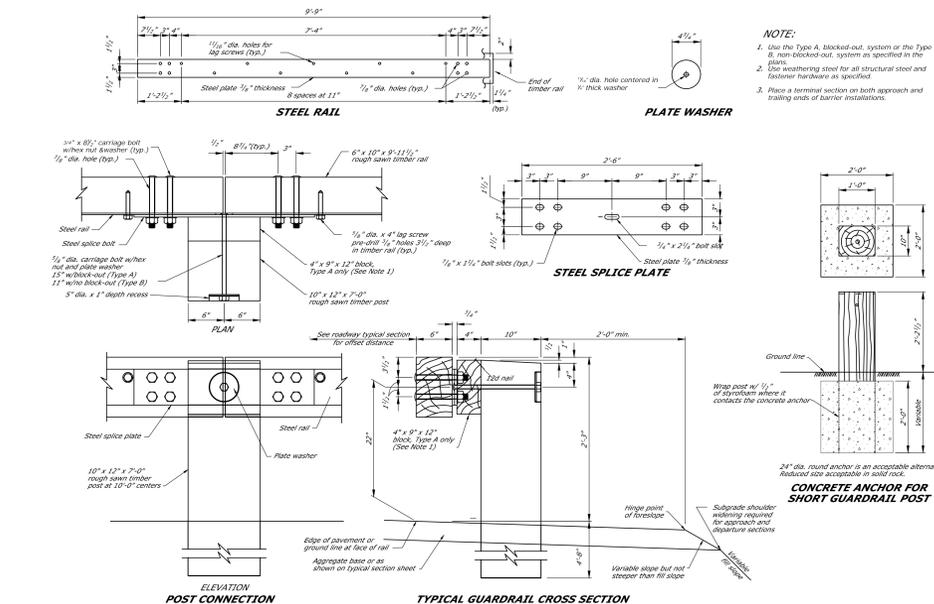
IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		UNIT AREA SF	TEXT <small>SEE MUTCD BOOK FOR TEXT DIMENSIONS AND COLORS</small>	NUMBER OF SIGNS REQUIRED	AREA IN SQUARE FEET
	WIDTH	HEIGHT				
R1-1	30"	30"	5.18	STOP	16	82.18
R1-4	18"	6"	0.75	ALL WAY	3	2.25
R5-1	30"	30"	6.25	NO RIGHT ENTER	3	18.75
R7-8	12"	18"	1.50	RESERVED PARKING	15	22.50
R7-8P	18"	9"	1.13	VAN ACCESSIBLE	5	5.65
R8-3	24"	30"	5.00	NO PARKING	3	15.00
W11A-2	30"	30"	6.25	ONE WAY	5	31.25
R6-1R	36"	12"	3.00	ONE WAY	2	6.00

7 TRAFFIC SIGNAGE SCHEDULE
NTS

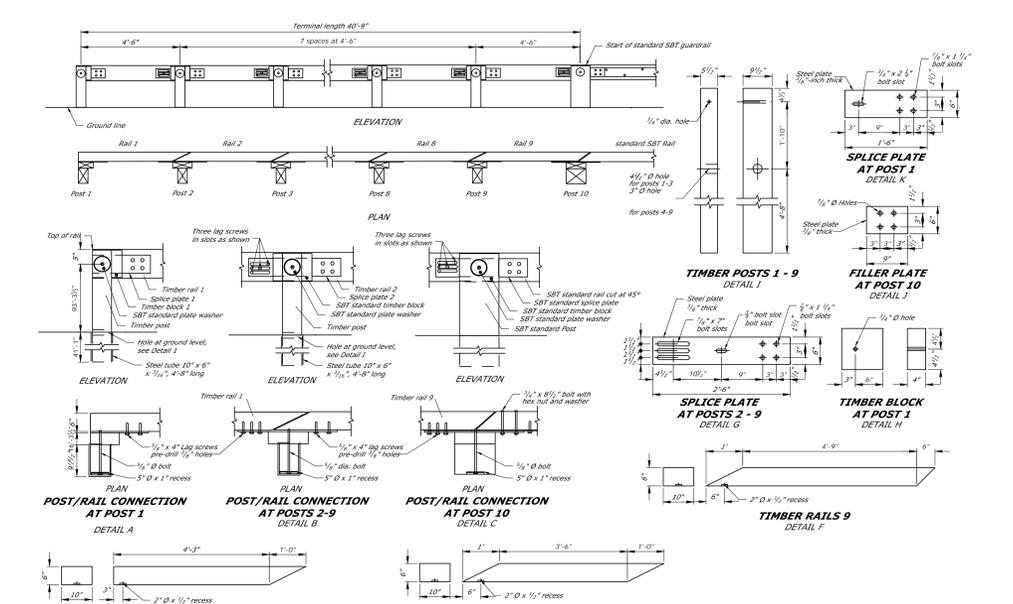
NOTE: ALL WORK SHALL COMPLY WITH THE CITY OF FRANKLIN STANDARD SPECIFICATIONS AND GENERAL CONSTRUCTION DETAILS



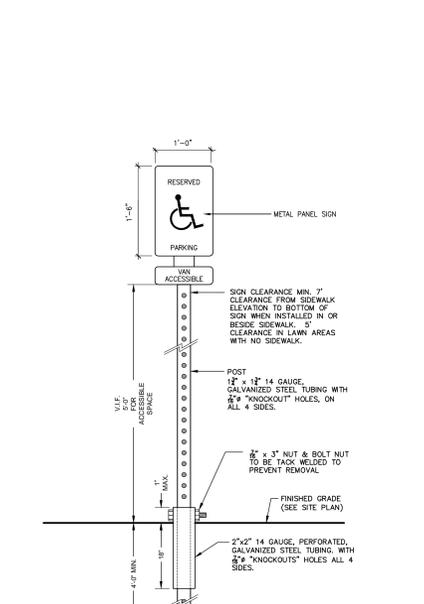
8 PAVEMENT MARKING DETAIL
NTS



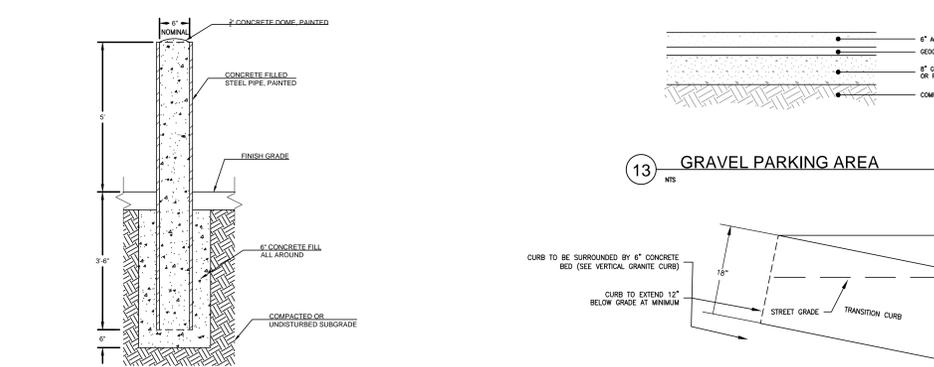
9 STEEL-BACKED TIMBER GUARDRAIL DETAIL
NTS



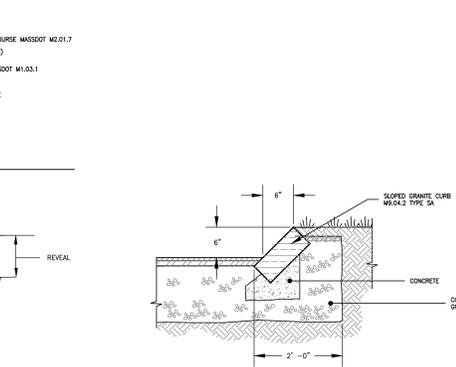
10 END TERMINAL FOR STEEL-BACKED TIMBER GUARDRAIL DETAIL
NTS



11 TELESCOPING-BREAKAWAY TRAFFIC SIGN POST
NTS



12 6\"/>



15 SLOPED GRANITE CURBING
NTS



14 TRANSITIONAL GRANITE CURB
NTS

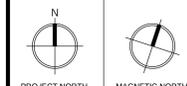
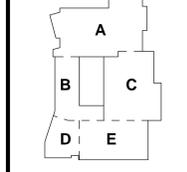
DRA
Drumrey Rosane Anderson, Inc.
300 Charles Street
Waltham, MA 02453
225 Oakland Road
South Windsor, CT 06074
Tel: 617.864.1700
www.dra.com

Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

BID SET #01
SITE ENABLING CONTRACT DOCUMENTS

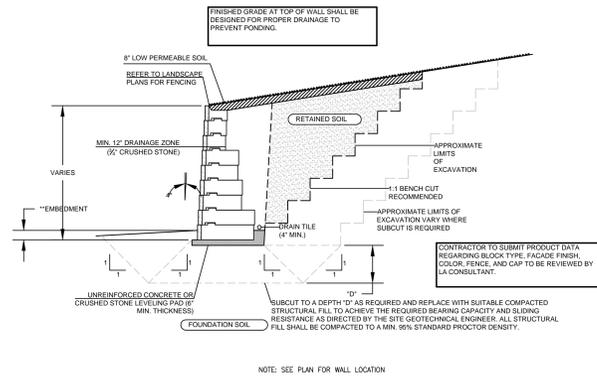
05/08/2024



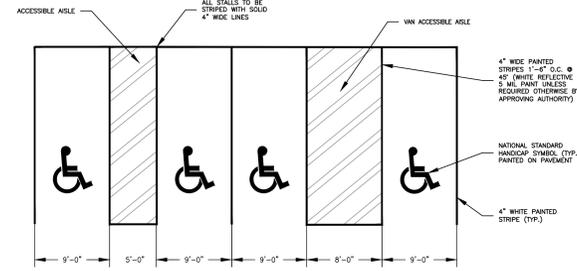
CIVIL DETAILS

Scale: NTS
Project: 52033.00
Author: GJM
Date: 05/02/2024
C603

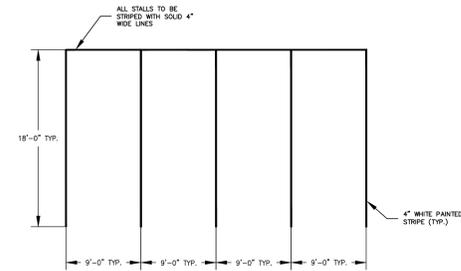
NOTE: ALL WORK SHALL COMPLY WITH THE CITY OF FRANKLIN STANDARD SPECIFICATIONS AND GENERAL CONSTRUCTION DETAILS



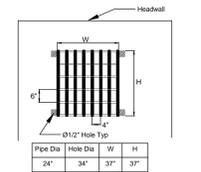
1 MODULAR BLOCK RETAINING WALL (BIG BLOCK)
NTS



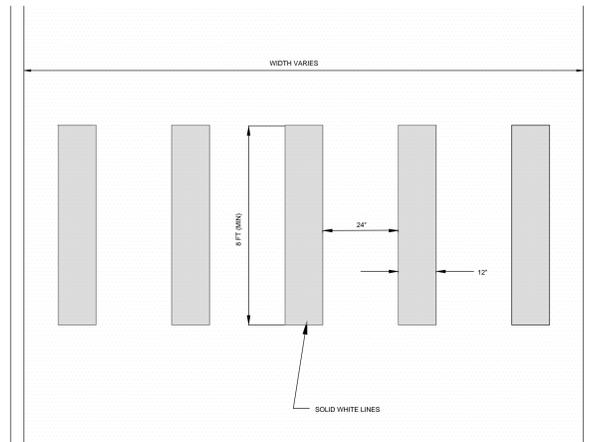
2 HANDICAP PARKING STALL DETAIL
NTS



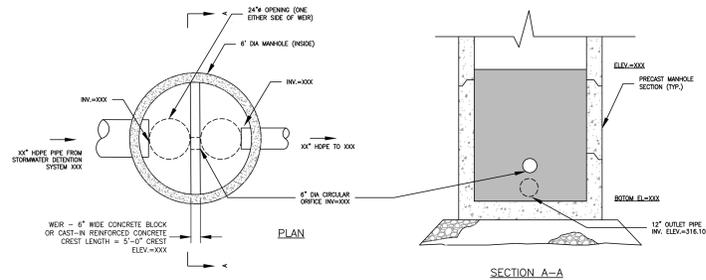
3 PARKING MARKING DETAIL
NTS



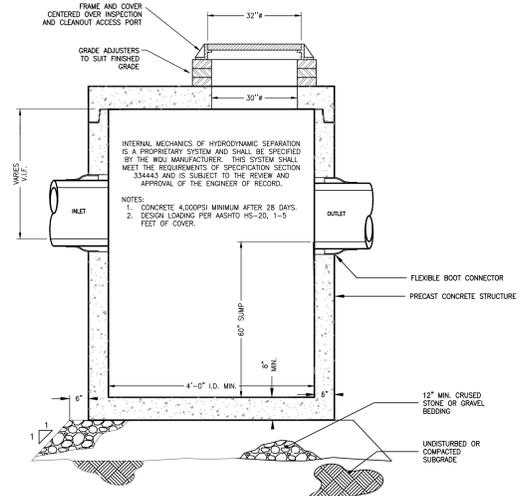
4 TRASH GUARD AT WETLAND OUTLET
NTS



5 TYPICAL CROSSWALK
NTS



6 OUTLET CONTROL STRUCTURE (OCS-1)
NTS



7 WATER QUALITY UNIT
NTS

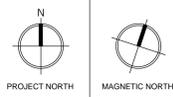
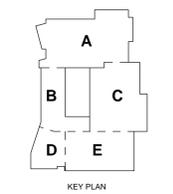
DRA
Drumrey Rosane Anderson, Inc.
300 Charles Street
Waltham, MA 02453
225 Oakland Road
South Windsor, CT 06074
Tel: 617.864.1700
www.draws.com

Planning | Architecture | Interior Design
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

BID SET #01
SITE ENABLING
CONTRACT
DOCUMENTS

05/08/2024



CIVIL DETAILS

Scale: NTS
Project: 52033.00
Author: GJM
Date: 05/02/2024
C604



DRA

Drumsey Rosane Anderson, Inc.
 200 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06074
 Tel: 617.864.1700 www.dra.com

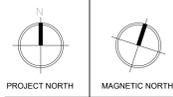
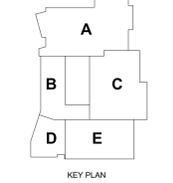
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

WARNER LARSON
 LANDSCAPE ARCHITECTS
 180 WEST BROADWAY, BOSTON MA 02107
 617.464.1440 warnerlarson.com

MSBA DESIGN DEVELOPMENT SET

April 26, 2024



OVERALL SITE PLAN

Scale: 1"=60'
 Project: 22091.00
 Author: WLI
 Date: 4/26/2024

L200

© COPYRIGHT 2023, DRUMSEY ROSANE ANDERSON, INC.



1 OVERLOOK DRIVE
N/F
PAULA CATHERINE DULONG
BK.34711, PG.107

221 POND STREET
N/F
PAUL R COMPTON &
DIANE J COMPTON
BK.39654, PG.1

1A OVERLOOK DRIVE
N/F
PAULA CATHERINE DULONG
BK.34711, PG.107

1 OVERLOOK DRIVE
N/F
JOSEPH H GRIFFITH, IV &
HEATHER L GRIFFITH
BK.26273, PG.520

3 OVERLOOK DRIVE
N/F
DUCADE GEFFRAUD &
MIRLADE CHERRY
BK.29174, PG.525

5 OVERLOOK DRIVE
N/F
WILLIAM F SPILLANE &
MARIA E SPILLANE
BK.10233, PG.413

7 OVERLOOK DRIVE
N/F
IQUBAL S DHALIWAL &
CHARANJIT K DHALIWAL
BK.14651, PG.10

9 OVERLOOK DRIVE
N/F
MARY L MORRIS LIVING TRUST &
PAUL J MORRIS LIVING TRUST
BK.31015, PG.12

11 OVERLOOK DRIVE
N/F
DANIEL C FRETZ &
ROBERTA R FRETZ
BK.13052, PG.28

1.3 OVERLOOK DRIVE
LAUREN KREKUL
BK.361

151 POND STREET
N/F
HARRY G SCHREFFLER &
JANICE M GRAHAM
BK.5727, PG.59

149 POND STREET
N/F
PAUL A FILOSA &
SHARON FILOSA
BK.5223, PG.707

197 POND ST
N/F
KELLEY O'BRIEN
Cert: 201369

145 POND ST
N/F
RICARDO ALDANA
BK.41587, PG.651

4 HILLTOP RD
N/F
JOHN S & STEPHANIE J
PAZINORAS
BK.29842, PG.580

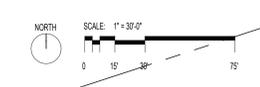
6 HILLTOP RD
N/F
DARIN P & AMY G
CARDIN
BK.20438, PG.168

8 HILLTOP RD
N/F
CYNTHIA DURKEE
BK.40889, PG.134
BK.6389, PG.69

20 HILLTOP RD
N/F
ROBERT F WARD JR
& GAYLE A WARD
BK.14083, PG.202

24 HILLTOP RD
N/F
IAN S VERHAEGEN
& SANDRA VERHAEGEN
BK.29056, PG.192

- LEGEND:
- ASPHALT WALKWAY PAVING
 - CONCRETE WALKWAY PAVING
 - RESILIENT TRACK SURFACE
 - BASEBALL/SOFTBALL INFIELD MIX
 - STABILIZED STONEDUST SURFACING
 - 3/4" CRUSHED STONE SURFACING
 - GRAVEL BORROW AT STORAGE CONTAINERS, 12" DEPTH
 - POURED-IN-PLACE RUBBER SAFETY SURFACING
 - ENGINEERED WOOD FIBER
 - ELECTRONIC VEHICLE GATE
 - BIKE RACK
 - VEHICULAR LIGHT POLE, SEE ELECTRICAL DWGS
 - CHAIN LINK FENCE
 - CHAIN LINK GATE
 - BLACK VINYL COATED



MATCH LINE L201
MATCH LINE L203



Drumrey Rosane Anderson, Inc.
205 Charles Street
Studio 300
Waltham, MA 02453
225 Oakland Road
Studio 205
South Windsor, CT 06074
Tel: 617.964.1700
www.dra.com

Tri-County
Regional
Vocational
Technical High
School

147 Pond St, Franklin, MA
02038



MSBA DESIGN
DEVELOPMENT SET

April 26, 2024

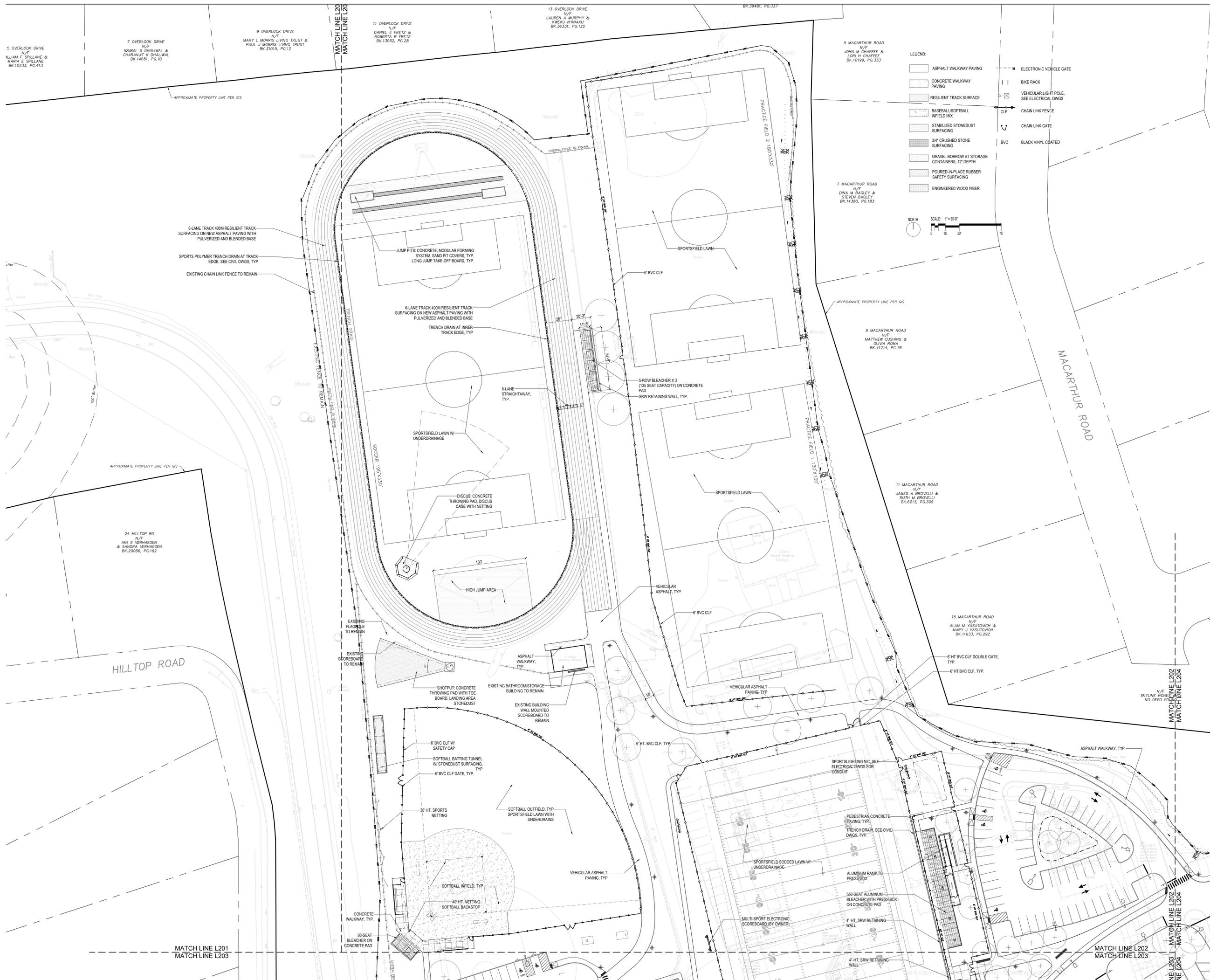
KEY PLAN

PROJECT NORTH
MAGNETIC NORTH

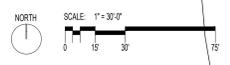
LANDSCAPE
MATERIALS
PLAN

Scale: 1"=30'
Project: 22001.00
Author: WLJ
Date: 4/26/2024

L201



- LEGEND:
- ASPHALT WALKWAY PAVING
 - CONCRETE WALKWAY PAVING
 - RESILIENT TRACK SURFACE
 - BASEBALL/SOFTBALL INFIELD MIX
 - STABILIZED STONEDUST SURFACING
 - 3/4" CRUSHED STONE SURFACING
 - GRAVEL BORROW AT STORAGE CONTAINERS, 12" DEPTH
 - POURED-IN-PLACE RUBBER SAFETY SURFACING
 - ENGINEERED WOOD FIBER
 - ELECTRONIC VEHICLE GATE
 - BIKE RACK
 - VEHICULAR LIGHT POLE, SEE ELECTRICAL DWGS
 - CHAIN LINK FENCE
 - CHAIN LINK GATE
 - BVC
 - BLACK VINYL COATED



DRA

Drumsey Rosane Anderson, Inc.
 300 Charles Street
 Studio 300
 Waltham, MA 02453

225 Oakland Road
 Studio 205
 South Windsor, CT 06074

© COPYRIGHT 2023, DRUMSEY ROSANE ANDERSON, INC.
 Planning | Architecture | Interior Design
 Tel: 617.964.1700
 www.dra.com

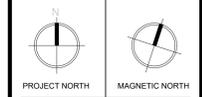
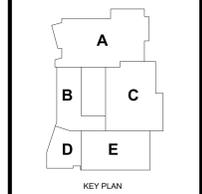
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

WARNER LARSON
 LANDSCAPE ARCHITECTS
 180 WEST BROADWAY, BOSTON, MA 02107
 617.464.1440
 warnerlarson.com

MSBA DESIGN DEVELOPMENT SET

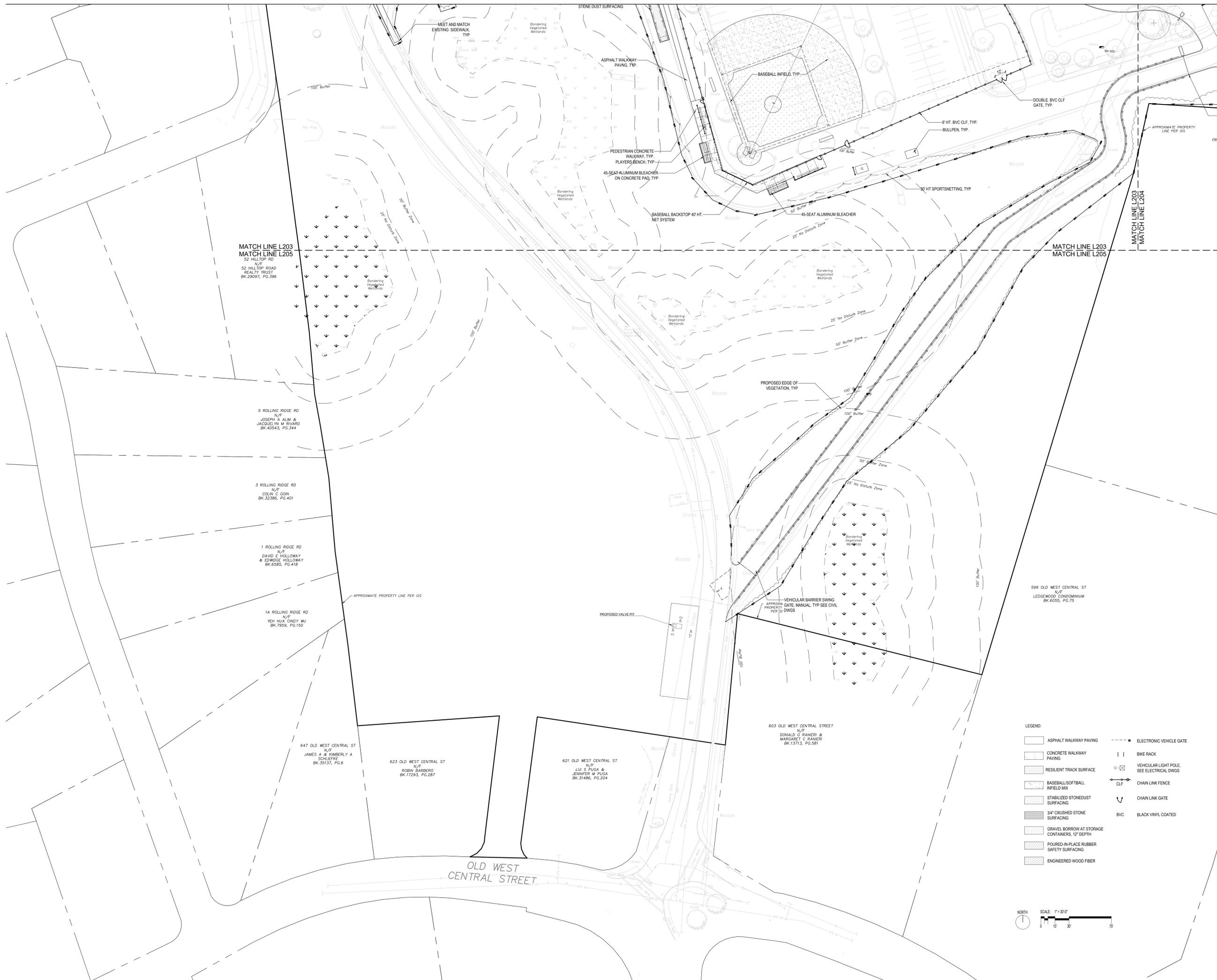
April 26, 2024



LANDSCAPE MATERIALS PLAN

Scale: 1"=30'
 Project: 22001.00
 Author: WLJ
 Date: 4/26/2024

L202



MATCH LINE L203
MATCH LINE L205
52 HILLTOP RD
N/F
52 HILLTOP ROAD
REALTY TRUST
BK.29097, PG.396

5 ROLLING RIDGE RD
N/F
JOSEPH A ALUM &
JACQUELYN M RIVARD
BK.40543, PG.344

3 ROLLING RIDGE RD
N/F
COLIN S GOIN
BK.32386, PG.401

1 ROLLING RIDGE RD
N/F
DAVID E HOLLOWAY
& EDWIGE HOLLOWAY
BK.6985, PG.418

1A ROLLING RIDGE RD
N/F
YEH HUA CINDY WU
BK.7959, PG.150

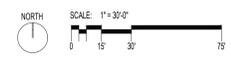
647 OLD WEST CENTRAL ST
N/F
JAMES A & KIMBERLY A
SCHLIERE
BK.35137, PG.6

623 OLD WEST CENTRAL ST
N/F
ROBIN BARBERO
BK.17293, PG.287

621 OLD WEST CENTRAL ST
N/F
LUI S PUGA &
JENNIFER M PUGA
BK.31486, PG.204

603 OLD WEST CENTRAL STREET
N/F
DONALD S RANIERI &
MARGARET C RANIERI
BK.13713, PG.581

- LEGEND:
- ASPHALT WALKWAY PAVING
 - CONCRETE WALKWAY PAVING
 - RESILIENT TRACK SURFACE
 - BASEBALL/SOFTBALL INFIELD MIX
 - STABILIZED STONEDUST SURFACING
 - 3/4" CRUSHED STONE SURFACING
 - GRAVEL BORROW AT STORAGE CONTAINERS, 12" DEPTH
 - POURED-IN-PLACE RUBBER SAFETY SURFACING
 - ENGINEERED WOOD FIBER
 - ELECTRONIC VEHICLE GATE
 - BIKE RACK
 - VEHICULAR LIGHT POLE, SEE ELECTRICAL DWGS
 - CHAIN LINK FENCE
 - CHAIN LINK GATE
 - BVC BLACK VINYL COATED



DRA

Drumrey Rosane Anderson, Inc.
205 Charles Street Studio 300 Waltham, MA 02453
225 Oakland Road Suite 205 South Windsor, CT 06074
Tel: 617.964.1700
www.dra.com

Planning | Architecture | Interior Design
Tel: 617.964.1700
www.dra.com

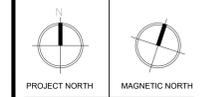
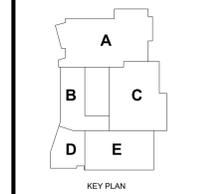
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

WARNER LARSON
LANDSCAPE ARCHITECTS
100 WEST BROADWAY BOSTON MA 02107
617-661-1440
warnerlarson.com

MSBA DESIGN DEVELOPMENT SET

April 26, 2024



LANDSCAPE MATERIALS PLAN

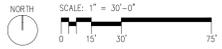
Scale: 1"=30'
Project: 22001.00
Author: WJ
Date: 4/26/2024

L205



- NOTES:**
- CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING WORK.
 - CONTRACTOR SHALL NOTIFY DIGSAFE 1-888-DIG-SAFE AND VERIFY UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
 - CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO ROADS, WALKS, UTILITIES, SITE IMPROVEMENTS, EXISTING OR PROPOSED, DAMAGED BY THIS PROJECT.
 - 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 CONTINUING WORK.
 - ALL CONCRETE PADS AT EXTERIOR DOORS SHALL BE PINNED TO BUILDING FOUNDATION. REFER TO STRUCTURAL DRAWINGS.
 - 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.
 - CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, TREE ROOTBALLS, SITE FOOTINGS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO CONTINUING WORK.
 - SPOT GRADES AND CONTOURS INDICATED ON THIS PLAN DESCRIBE FINAL SURFACE ELEVATIONS FOR COMPLETED CONSTRUCTION.
 - ALL CHANGES IN PAVEMENT MATERIALS SHALL BE FLUSH WITH EACH OTHER UNLESS OTHERWISE SHOWN.
 - SEE CIVIL DRAWINGS FOR SUBSURFACE DRAINAGE SYSTEMS (BACKGROUND SHOWN FOR REFERENCE ONLY).
 - IF EXISTING TREES, UTILITIES OR STRUCTURES IMPEDE EXCAVATION ACTIVITIES IN ANY MANNER, CONTRACTOR SHALL INFORM THE ARCHITECT AND OWNER PRIOR TO CONTINUING WITH CONSTRUCTION ACTIVITIES
 - SLOPES SHALL NOT EXCEED 3:1 SLOPE EXCEPT AS SHOWN ON THE PLANS
 - 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.

LEGEND:	
	APPROX. LIMIT OF WORK
	EXISTING CONTOUR
	550
	PROPOSED CONTOUR
	PROPOSED CONTOUR
	SEE NOTE BELOW
	EXISTING SPOT ELEVATION
	* (556.15)
	PROPOSED SPOT ELEVATION
	PROPOSED SLOPE
	TOP OF STAIR
	BOTTOM OF STAIR
	TOP OF WALL
	BOTTOM OF WALL
	SPILLWAY
	TOP OF CURB
	BOTTOM OF CURB
	DOOR THRESHOLD
	HIGH POINT
	RIM ELEVATION
	UNDER DRAIN, SEE DETAILS
	SUBSURFACE DRAIN AND DRAIN STRUCTURE, SEE CIVIL DRAWINGS



NOTE: FOR OVERALL SITE GRADING REFER TO CIVIL DWGS. FOR DETAILED GRADING IN SPORTSFIELDS, PLAZAS AND OTHER PEDESTRIAN AREAS, REFER TO L-SERIES GRADING PLANS.

DRA
Drumrey Rosane Anderson, Inc.
300 Charles Street
Studio 300
Waltham, MA 02453
225 Oakland Road
Studio 205
South Windsor, CT 06074
© COPYRIGHT 2023, DRUMREY ROSANE ANDERSON, INC.
Planning | Architecture | Interior Design
Tel: 617.864.1700
www.draws.com

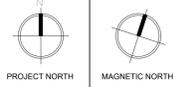
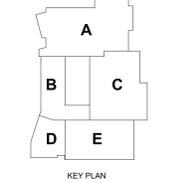
**Tri-County
Regional
Vocational
Technical High
School**

147 Pond St, Franklin, MA 02038

WARNER LARSON
LANDSCAPE ARCHITECTS
180 WEST BROADWAY, BOSTON MA 02127
471.461.1410 warnerlarson.com

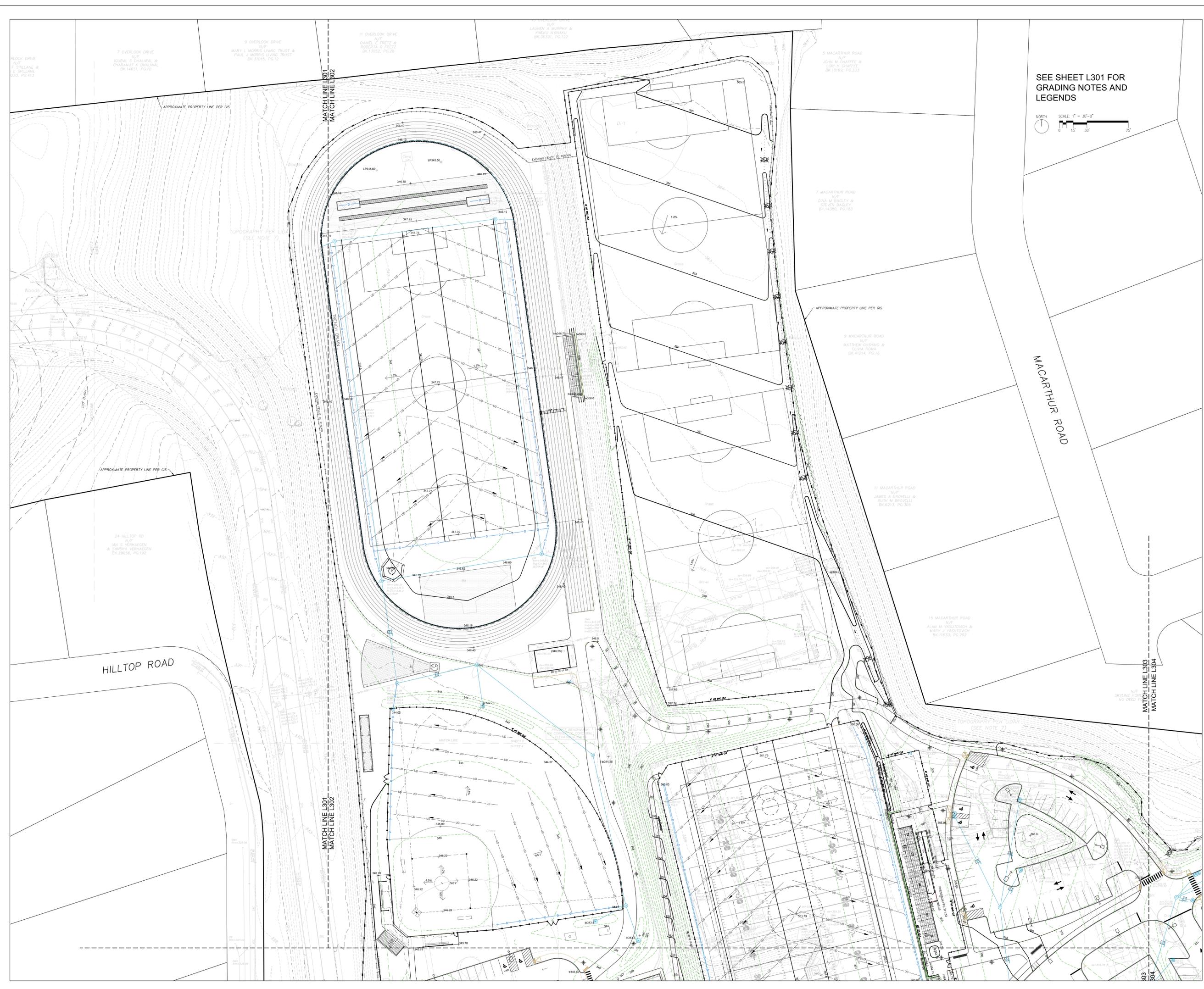
**MSBA DESIGN
DEVELOPMENT SET**

April 26, 2024

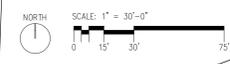


**LANDSCAPE
GRADING PLAN**

Scale: 1"=30'
Project: 22001.00
Author: WLI
Date: 4/26/2024
L301



SEE SHEET L301 FOR
GRADING NOTES AND
LEGENDS



DRA

Drumrey Rosane Anderson, Inc.
260 Charles Street | 225 Oakland Road
Studio 300 | Studio 205
Waltham, MA | South Windsor, CT
02453 | 06074

Planning | Architecture | Interior Design
Tel: 617.964.1700
www.dra.com

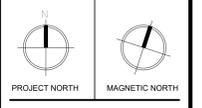
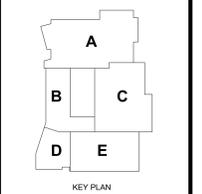
**Tri-County
Regional
Vocational
Technical High School**

147 Pond St, Franklin, MA
02038

WARNER LARSON
LANDSCAPE ARCHITECTS
180 WEST BROADWAY, BOSTON, MA 02107
617.464.1440 | warnerlarson.com

MSBA DESIGN
DEVELOPMENT SET

April 26, 2024

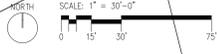


**LANDSCAPE
GRADING PLAN**

Scale: 1"=30'
Project: 22001.00
Author: WLJ
Date: 4/26/2024

L302

SEE SHEET L301 FOR
GRADING NOTES AND
LEGENDS



DRA

Drumsey Rosane Anderson, Inc.
200 Charles Street
Waltham, MA 02453
225 Oakland Road
South Windsor, CT 06074
Tel: 617.864.1700
www.draws.com

Planning | Architecture | Interior Design

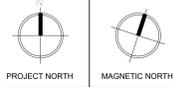
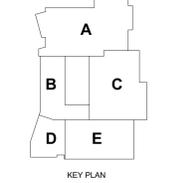
**Tri-County
Regional
Vocational
Technical High School**

147 Pond St, Franklin, MA
02038

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02107
617.464.1440 warnerlarson.com

**MSBA DESIGN
DEVELOPMENT SET**

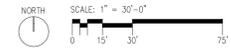
April 26, 2024



**LANDSCAPE
GRADING PLAN**

Scale: 1"=30'
Project: 22001.00
Author: WLI
Date: 4/26/2024

L303



SEE SHEET L301 FOR GRADING NOTES AND LEGENDS



Drumey Rosane Anderson, Inc.
260 Charles Street Studio 300 Waltham, MA 02453
225 Oakland Road Studio 205 South Windsor, CT 06074
Tel: 617.964.1700 www.dra.com

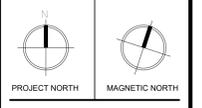
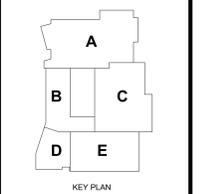
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038



MSBA DESIGN DEVELOPMENT SET

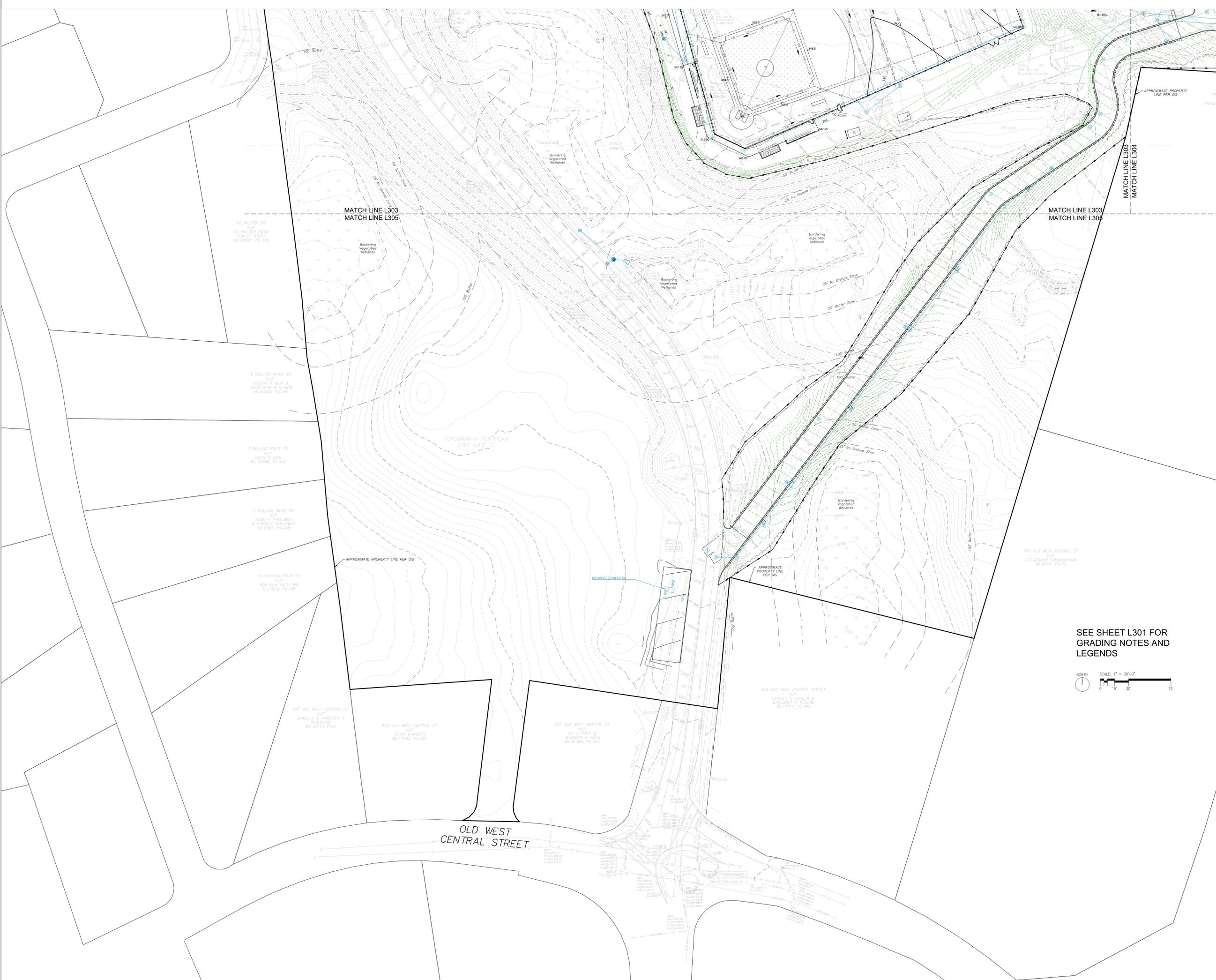
April 26, 2024



LANDSCAPE GRADING PLAN

Scale: 1"=30'
Project: 22001.00
Author: WLJ
Date: 4/26/2024

L304



DRA

Drumrey Rosane Anderson, Inc.
 200 Charles Street
 Studio 300
 Waltham, MA 02453

225 Oakland Road
 Studio 205
 South Windsor, CT 06074

Planning | Architecture | Interior Design
 Tel: 617.864.1700
 www.draws.com

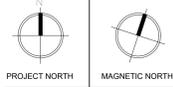
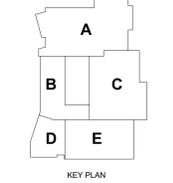
**Tri-County
 Regional
 Vocational
 Technical High School**

147 Pond St, Franklin, MA 02038

WARNER LARSON
 LANDSCAPE ARCHITECTS
 130 WEST BROADWAY, BOSTON MA 02107
 617.464.1440 www.warnerlarson.com

**MSBA DESIGN
 DEVELOPMENT SET**

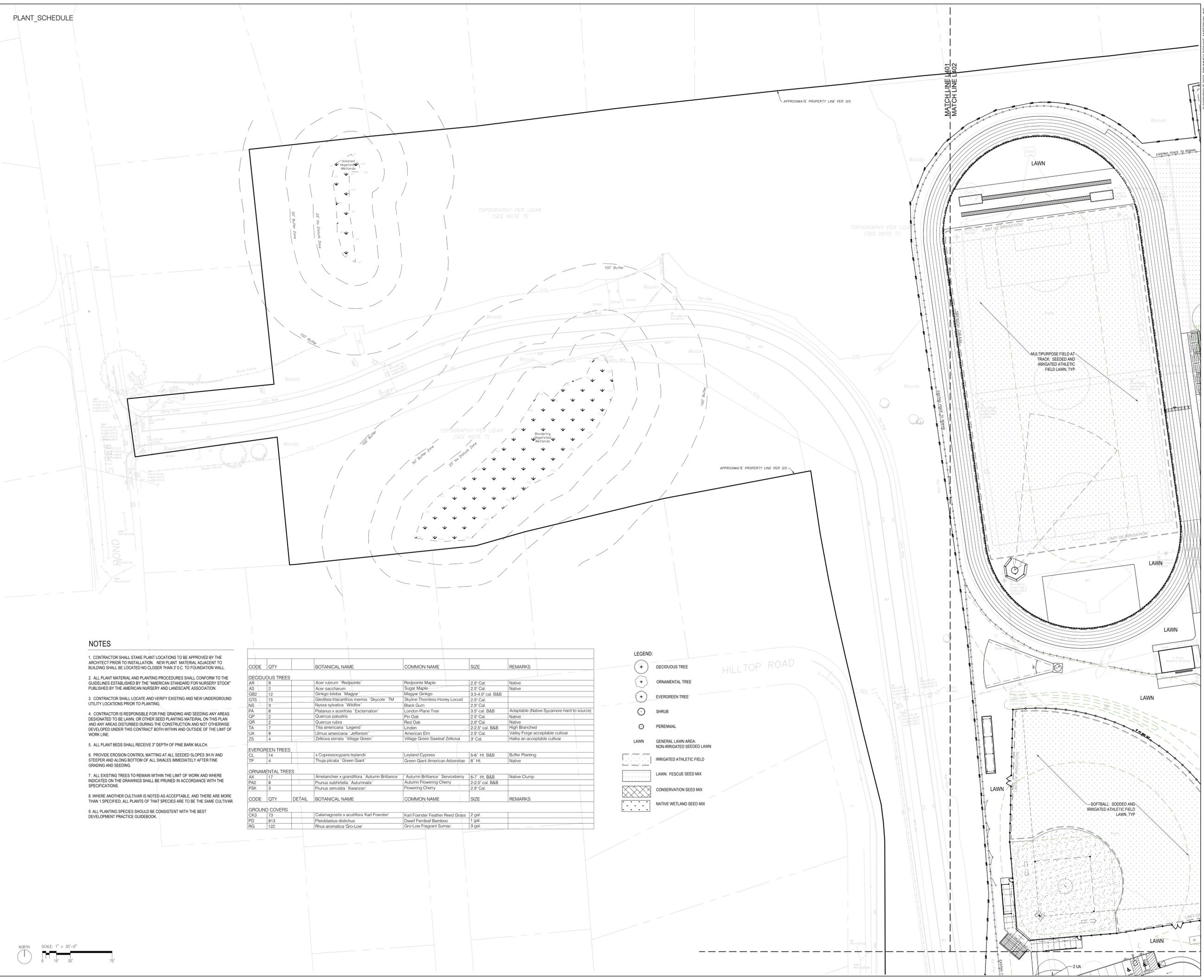
April 26, 2024



**LANDSCAPE
 GRADING PLAN**

Scale: 1"=30'
 Project: 22001.00
 Author: WLI
 Date: 4/26/2024

L305

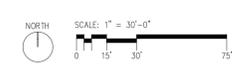


NOTES

- CONTRACTOR SHALL STAKE PLANT LOCATIONS TO BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. NEW PLANT MATERIAL ADJACENT TO BUILDING SHALL BE LOCATED NO CLOSER THAN 3' O.C. TO FOUNDATION WALL.
- ALL PLANT MATERIAL AND PLANTING PROCEDURES SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE 'AMERICAN STANDARD FOR NURSERY STOCK' PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- CONTRACTOR SHALL LOCATE AND VERIFY EXISTING AND NEW UNDERGROUND UTILITY LOCATIONS PRIOR TO PLANTING.
- CONTRACTOR IS RESPONSIBLE FOR FINE GRADING AND SEEDING ANY AREAS DESIGNATED TO BE LAWN, OR OTHER SEED PLANTING MATERIAL ON THIS 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.
- ALL PLANT BEDS SHALL RECEIVE 3" DEPTH OF PINE BARK MULCH.
- PROVIDE EROSION CONTROL MATTING AT ALL SEEDED SLOPES 3:1 AND STEEPER AND ALONG BOTTOM OF ALL SWALES IMMEDIATELY AFTER FINE GRADING AND SEEDING.
- ALL EXISTING TREES TO REMAIN WITHIN THE LIMIT OF WORK AND WHERE INDICATED ON THE DRAWINGS SHALL BE PRUNED IN ACCORDANCE WITH THE SPECIFICATIONS.
- WHERE ANOTHER CULTIVAR IS NOTED AS ACCEPTABLE, AND THERE ARE MORE THAN 1 SPECIFIED, ALL PLANTS OF THAT SPECIES ARE TO BE THE SAME CULTIVAR.
- ALL PLANTING SPECIES SHOULD BE CONSISTENT WITH THE BEST DEVELOPMENT PRACTICE GUIDEBOOK.

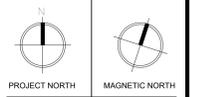
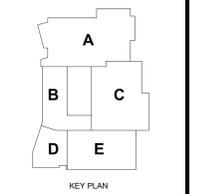
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	
DECIDUOUS TREES						
AR	9	Acer rubrum 'Redpointe'	Redpointe Maple	2.5' Cal.	Native	
AS	2	Acer saccharum	Sugar Maple	2.5' Cal.	Native	
GB2	12	Ginkgo biloba 'Magyar'	Magyar Ginkgo	3.5-4.0' cal. B&B		
GT5	15	Gleditsia triacanthos inermis 'Skycole' TM	Skyline Thornless Honey Locust	2.5' Cal.		
NS	3	Nyssa sylvatica 'Wildfire'	Black Gum	2.5' Cal.		
PA	8	Platanus x acerifolia 'Exclamation'	London Plane Tree	3.5' cal. B&B	Adaptable (Native Sycamore hard to source)	
OP	2	Quercus palustris	Pin Oak	2.5' Cal.	Native	
QR	2	Quercus rubra	Red Oak	2.5' Cal.	Native	
TA	7	Tilia americana 'Legend'	Linden	2-2.5' cal. B&B	High Branched	
UA	9	Ulmus americana 'Jefferson'	American Elm	2.5' Cal.	Valley Forge acceptable cultivar	
ZS	4	Zelkova serrata 'Village Green'	Village Green Sawleaf Zelkova	3' Cal.	Halka an acceptable cultivar	
EVERGREEN TREES						
CL	14	x Cupressocyparis leylandii	Leyland Cypress	5-6' Ht. B&B	Buffer Planting	
TP	4	Thuja plicata 'Green Giant'	Green Giant American Arborvitae	8' Ht.	Native	
ORNAMENTAL TREES						
AX	17	Amelanchier x grandiflora 'Autumn Brilliance'	'Autumn Brilliance' Serviceberry	6-7' Ht. B&B	Native Clump	
PA2	8	Prunus subzhetilii 'Autumnalis'	Autumn Flowering Cherry	2-2.5' cal. B&B		
PSK	3	Prunus serrulata 'Kowanzan'	Flowering Cherry	2.5' Cal.		
CODE	QTY	DETAIL	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
GROUND COVERS						
CK3	73		Calamagrostis x acutiflora Karl Foerster'	Karl Foerster Feather Reed Grass	2 gal.	
PD	813		Pleoblastus distichus	Dwarf Fernleaf Bamboo	1 gal.	
RG	122		Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	3 gal.	

- LEGEND:**
- DECIDUOUS TREE
 - ORNAMENTAL TREE
 - EVERGREEN TREE
 - SHRUB
 - PERENNIAL
 - LAWN: GENERAL LAWN AREA, NON-IRRIGATED SEEDED LAWN
 - IRRIGATED ATHLETIC FIELD
 - LAWN: FESCUE SEED MIX
 - CONSERVATION SEED MIX
 - NATIVE WETLAND SEED MIX



MSBA DESIGN DEVELOPMENT SET

April 26, 2024



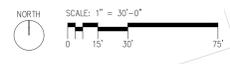
PLANTING PLAN

Scale: 1"=30'
 Project: 22001.00
 Author: WJL
 Date: 4/26/2024
L401



- LEGEND:
- (+ in circle) DECIDUOUS TREE
 - (+ in square) ORNAMENTAL TREE
 - (+ in triangle) EVERGREEN TREE
 - (O in circle) SHRUB
 - (O in square) PERENNIAL
- LAWN
- (Dotted pattern) GENERAL LAWN AREA: NON-IRRIGATED SEEDED LAWN
 - (Dotted pattern with lines) IRRIGATED ATHLETIC FIELD
 - (Dotted pattern with dots) LAWN: FESCUE SEED MIX
 - (Cross-hatched pattern) CONSERVATION SEED MIX
 - (Dotted pattern with small squares) NATIVE WETLAND SEED MIX

SEE L401 FOR PLANT SCHEDULE



DRA

Drumrey Rosane Anderson, Inc.
 200 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06074

Planning | Architecture | Interior Design
 Tel: 617.964.1700
 www.dra.com

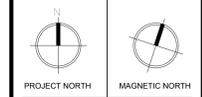
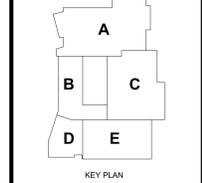
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

WARNER LARSON
 LANDSCAPE ARCHITECTS
 130 WEST BROADWAY, BOSTON, MA 02107
 617.464.1440 warnerlarson.com

MSBA DESIGN DEVELOPMENT SET

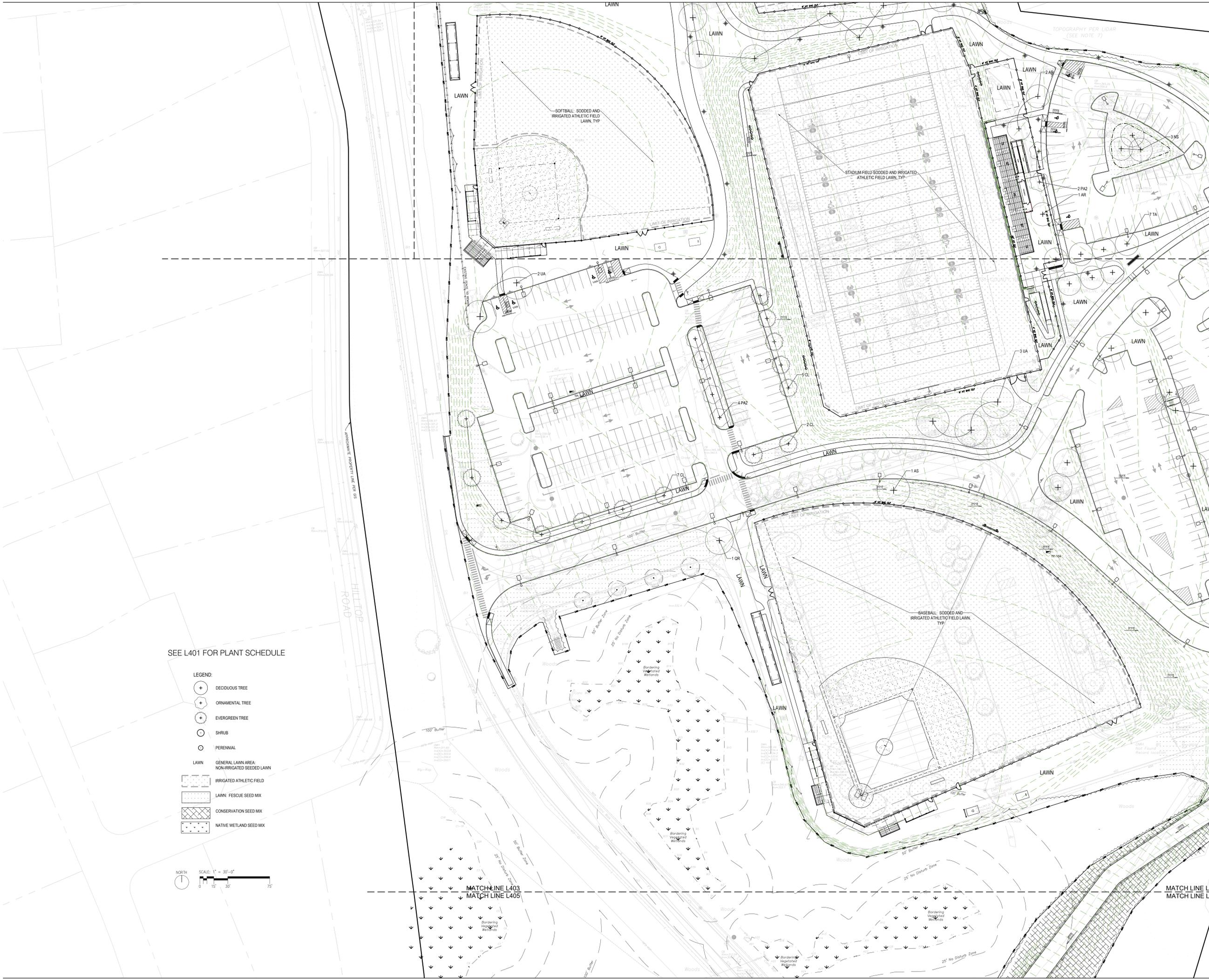
April 26, 2024



PLANTING PLAN

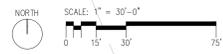
Scale: 1"=30'
 Project: 22001.00
 Author: WJ
 Date: 4/26/2024

L402



SEE L401 FOR PLANT SCHEDULE

- LEGEND:
- DECIDUOUS TREE
 - ORNAMENTAL TREE
 - EVERGREEN TREE
 - SHRUB
 - PERENNIAL
 - GENERAL LAWN AREA: NON-IRRIGATED SEEDED LAWN
 - IRRIGATED ATHLETIC FIELD
 - LAWN: FESCUE SEED MIX
 - CONSERVATION SEED MIX
 - NATIVE WETLAND SEED MIX



MATCH LINE L403
MATCH LINE L405

MATCH LINE L405
MATCH LINE L403

DRA

Drumrey Rosane Anderson, Inc.
200 Charles Street Studio 300 Waltham, MA 02453
225 Oakland Road Studio 205 South Windsor, CT 06074
Tel: 617.964.1700 www.dra.com

Planning | Architecture | Interior Design

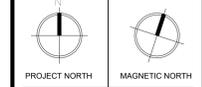
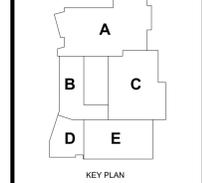
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

WARNER LARSON
LANDSCAPE ARCHITECTS
100 WEST BROADWAY, BOSTON MA 02107
617.661.1440 warnerlarson.com

MSBA DESIGN DEVELOPMENT SET

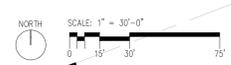
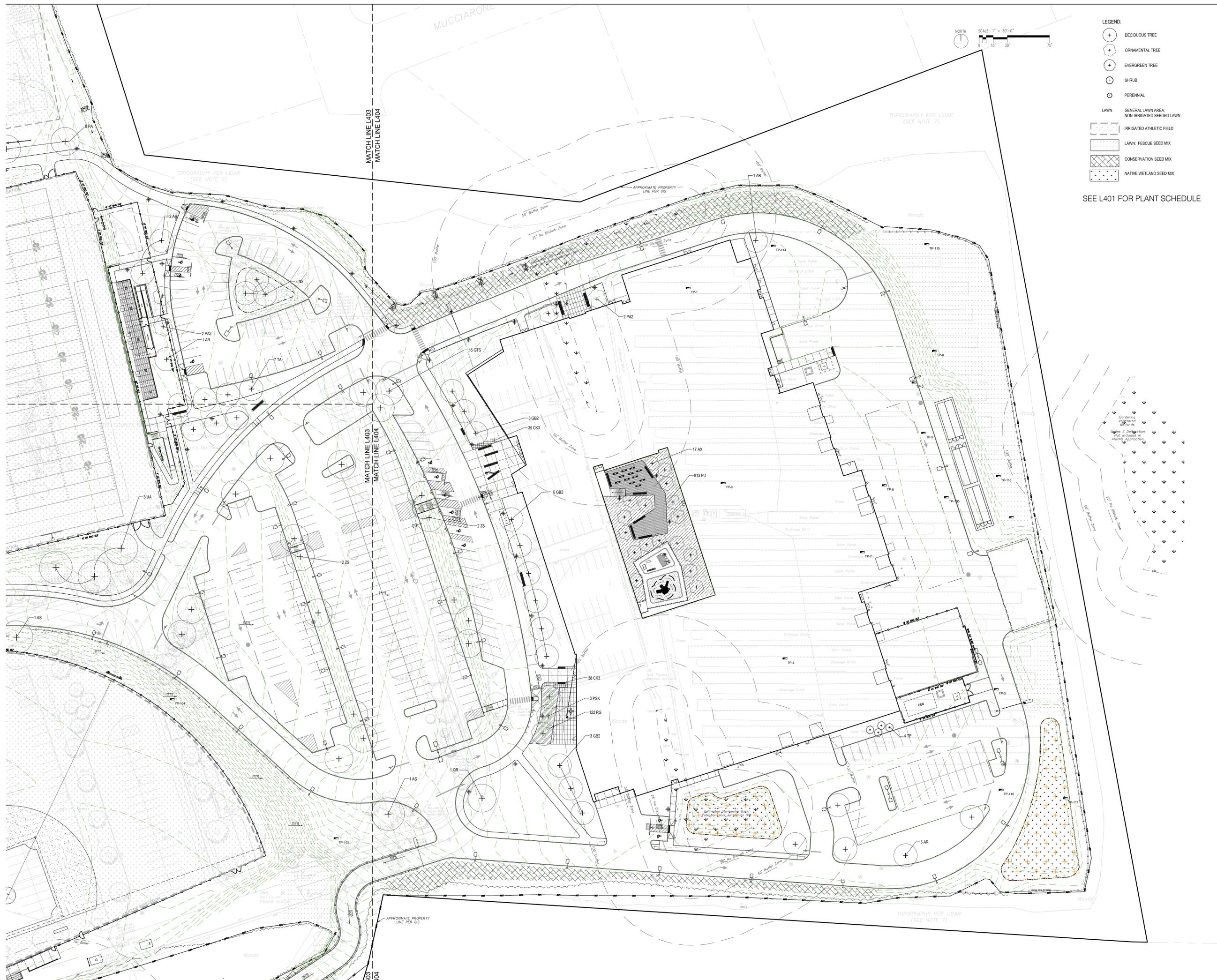
April 26, 2024



PLANTING PLAN

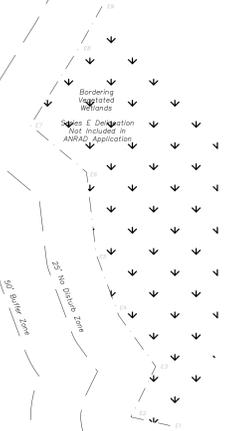
Scale: 1"=30'
Project: 22001.00
Author: WLJ
Date: 4/26/2024

L403



- LEGEND:**
- ⊕ DECIDUOUS TREE
 - ⊙ ORNAMENTAL TREE
 - ⊕ EVERGREEN TREE
 - SHRUB
 - PERENNIAL
- LAWN:**
- ▨ GENERAL LAWN AREA
 - ▨ NON-IRRIGATED SEEDED LAWN
 - ▨ IRRIGATED ATHLETIC FIELD
 - ▨ LAWN: FESCUE SEED MIX
 - ▨ CONSERVATION SEED MIX
 - ▨ NATIVE WETLAND SEED MIX

SEE L401 FOR PLANT SCHEDULE



DRA

Drumrey Rosane Anderson, Inc.
 200 Charles Street Studio 300
 Waltham, MA 02453

225 Oakland Road Studio 205
 South Windsor, CT 06074

Planning | Architecture | Interior Design
 Tel: 617.964.1700
 www.dra.com

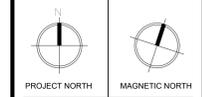
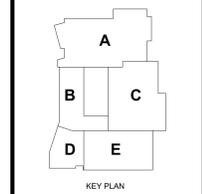
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

WARNER LARSON
 LANDSCAPE ARCHITECTS
 100 WEST BROADWAY, BOSTON MA 02107
 617.661.6400 warnerlarson.com

MSBA DESIGN DEVELOPMENT SET

April 26, 2024



PLANTING PLAN

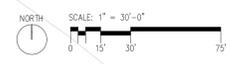
Scale: 1"=30'
 Project: 22001.00
 Author: WLJ
 Date: 4/26/2024

L404



SEE L401 FOR PLANT SCHEDULE

- LEGEND:
- DECIDUOUS TREE
 - ORNAMENTAL TREE
 - EVERGREEN TREE
 - SHRUB
 - PERENNIAL
 - LAWN: GENERAL LAWN AREA: NON-IRRIGATED SEEDED LAWN
 - IRRIGATED ATHLETIC FIELD
 - LAWN: FESCUE SEED MIX
 - CONSERVATION SEED MIX
 - NATIVE WETLAND SEED MIX



DRA

Drumme Rose Anderson, Inc.
 200 Charles Street Studio 300 Waltham, MA 02453
 225 Oakland Road Studio 205 South Windsor, CT 06074
 Planning | Architecture | Interior Design
 Tel: 617.964.1700 www.draws.com

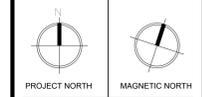
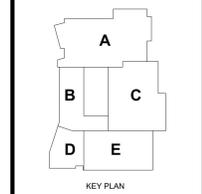
Tri-County Regional Vocational Technical High School

147 Pond St, Franklin, MA 02038

WARNER LARSON
 LANDSCAPE ARCHITECTS
 130 WEST BROADWAY, BOSTON MA 02107
 617.664.1440 warnerlarson.com

MSBA DESIGN DEVELOPMENT SET

April 26, 2024



PLANTING PLAN

Scale: 1"=30'
 Project: 22001.00
 Author: WLJ
 Date: 4/26/2024

L405