North Attleborough High School

D&W PROJECT # 24-0856

1 Wilson West Whitty Way
North Attleborough, MA 02760

DORE + WHITTIER

OWNER

TOWN OF NORTH ATTLEBOROUGH
TOWN HALL
43 SOUTH WASHINGTON STREET
NORTH ATTLEBOROUGH, MA 02760
P: 508.699.0100

OWNER'S PROJECT MANAGER

VERTEX PROJECT MANAGEMENT GROUP, LLC
ONE EDGEWATER DRIVE, SUITE 204
NORWOOD, MA 02062
P: 508.589.5061

ARCHITECT

DORE & WHITTIER ARCHITECTS, INC.
260 MERRIMAC STREET
BUILDING 7, 2nd FLOOR
NEWBURYPORT, MA 01950
P: 978.499.2999
F: 978.499.2944

212 BATTERY STREET
BURLINGTON, VT 05401
P: 802.863.1428
F: 802.863.6955

CONSTRUCTION MANAGER

CONSIGLI CONSTRUCTION CO., INC.
72 SUMNER STREET
MILFORD, MA 01757
P: 508.473.2580

SITE / CIVIL / WETLANDS / GEOENVIRONMENTAL CONSULTANT

CDW CONSULTANTS, INC.
4 CALIFORNIA AVE.,
FRAMINGHAM, MA 01701
P: 508.875.2657

LANDSCAPE CONSULTANT

BROWN + SARDINA
24 ROLAND ST.
BOSTON, MA 02129
P: 617.482.4703

STRUCTURAL CONSULTANT

ENGINEERS DESIGN GROUP, INC.
389 MAIN ST., SUITE 401
MALDEN, MA 02148
P: 781.396.9007

HVAC, ELECTRICAL, + LIGHTING CONSULTANT

VANDERWEIL ENGINEERS
274 SUMMER ST.,
BOSTON, MA 02210
P: 617.423.7423

FIRE PROTECTION + PLUMBING CONSULTANT

VAV INTERNATIONAL, INC.
400 W CUMMINGS PARK, SUITE 4700
WOBURN, MA 01801
P: 781.935.7228

TRAFFIC CONSULTANT

NITSCH ENGINEERING
2 CENTER PLAZA, SUITE 430,
BOSTON, MA 02108
P: 617.338.0063

SITE SURVEYOR

LANGAN ENGINEERING & ENVIRONMENTAL SERVICES, INC.
100 CAMBRIDGE STREET SUITE 1310
BOSTON, MA 02114
P: 617.824.9136

GEOTECHNICAL CONSULTANT

LAHLAF GEOTECHNICAL CONSULTING, INC.
100 CHELMSFORD RD
BILLERICA, MA 01862
P: 978.330.5912

TELECOMM, BUILDING SECURITY, + AUDIO-VISUAL CONSULTANT

EDVANCE TECHNOLOGY DESIGN, INC.
300 BRICKSTONE SQUARE SUITE 201
ANDOVER, MA 01810
P: 978.256.9900

COST ESTIMATING

PM&C
20 DOWNER AVE. SUITE 5
HINGHAM, MA 02043
P: 781.740.8007

SUSTAINABILITY CONSULTANT

CMTA, INC.
161 WORCESTER RD. SUITE 305,
FRAMINGHAM, MA 01701
P: 508.647.9200

FOODSERVICE CONSULTANT

CRABTREE MCGRATH ASSOCIATES, INC.
161 WEST MAIN ST.,
GEORGETOWN, MA 01833
P: 978.352.8500

ACOUSTICAL CONSULTANT

CAVANAUGH TOCCI
327 BOSTON POST RD.,
SUDBURY, MA 01766-3027
P: 978.443.7871

THEATRICAL CONSULTANT

SCHEU CONSULTING SERVICES, INC.
113 WOODBURY LANE,
FAYETTEVILLE, NY 13066
P: 315.214.4564

HAZMAT CONSULTANT

UNIVERSAL ENVIRONMENTAL CONSULTANTS
12 BREWSTER RD.,
FRAMINGHAM, MA 01702
P: 617.984.9772

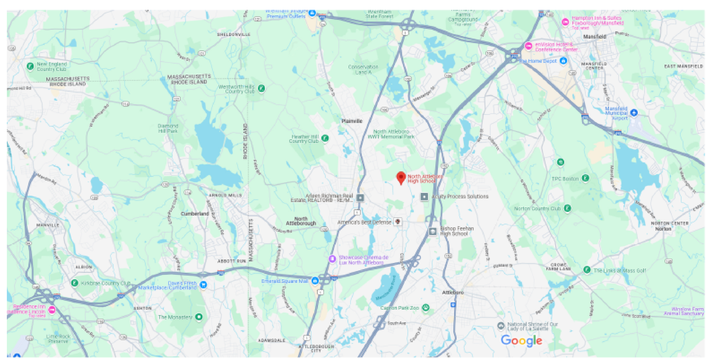
EDUCATIONAL PLANNER

NEW VISTA DESIGN
32 SHERIDAN ST. #3,
BOSTON, MA 02130
P: 617.733.0847

DOOR HARDWARE CONSULTANT

ALLEGION, PLC
77 WEXFORD STREET
NEEDHAM HEIGHTS, MA 02494
P: 978.409.8053

LOCATION MAP



SITE PERMITTING PACKAGE

12/19/2025

SHEET NUMBER	SHEET NAME
VOLUME 1 OF 3	
GENERAL	
G0.01	COVER
G0.02	DRAWING INDEX
SURVEY	
VT101	TOPOGRAPHIC PLAN OF LAND
VT102	TOPOGRAPHIC PLAN OF LAND
VT103	TOPOGRAPHIC PLAN OF LAND
VT104	TOPOGRAPHIC PLAN OF LAND
VT105	TOPOGRAPHIC PLAN OF LAND
VT106	TOPOGRAPHIC PLAN OF LAND
VT107	TOPOGRAPHIC PLAN OF LAND
VT108	TOPOGRAPHIC PLAN OF LAND
VT109	TOPOGRAPHIC PLAN OF LAND
VT110	TOPOGRAPHIC PLAN OF LAND
CIVIL	
C-1.0	OVERALL SITE DEMOLITION & EROSION CONTROL
C-1.1	SITE EROSION CONTROL ENLARGEMENT
C-1.2	SITE EROSION CONTROL ENLARGEMENT
C-1.3	SITE DEMOLITION ENLARGEMENT
C-1.4	SITE DEMOLITION ENLARGEMENT
C-1.5	SITE DEMOLITION ENLARGEMENT
C-1.6	SITE DEMOLITION ENLARGEMENT
C-1.7	SITE DEMOLITION ENLARGEMENT
C-1.8	SITE DEMOLITION ENLARGEMENT
C-1.9	SITE DEMOLITION ENLARGEMENT
C-1.10	SITE DEMOLITION ENLARGEMENT
C-2.0	OVERALL SITE LAYOUT & MATERIALS
C-2.1	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.2	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.3	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.4	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.5	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.6	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.7	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.8	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.9	SITE LAYOUT & MATERIALS ENLARGEMENT
C-2.10	SITE LAYOUT & MATERIALS ENLARGEMENT
C-3.0	OVERALL SITE GRADING & DRAINAGE
C-3.1	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.2	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.3	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.4	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.5	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.6	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.7	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.8	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.9	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.10	SITE GRADING & DRAINAGE ENLARGEMENT
C-3.11	DRAINAGE STRUCTURE AND PIPE SCHEDULE
C-3.12	DRAINAGE STRUCTURE AND PIPE SCHEDULE
C-4.0	OVERALL SITE UTILITIES
C-4.1	SITE UTILITIES ENLARGEMENT
C-4.2	SITE UTILITIES ENLARGEMENT
C-4.3	SITE UTILITIES ENLARGEMENT
C-4.4	SITE UTILITIES ENLARGEMENT
C-4.5	SITE UTILITIES ENLARGEMENT
C-4.6	SITE UTILITIES ENLARGEMENT
C-4.7	SITE UTILITIES ENLARGEMENT
C-4.8	SITE UTILITIES ENLARGEMENT
C-4.9	SITE UTILITIES ENLARGEMENT
C-4.10	SITE UTILITIES ENLARGEMENT
C-5.0	CONSTRUCTION DETAILS
C-5.1	CONSTRUCTION DETAILS
C-5.2	CONSTRUCTION DETAILS
C-5.3	CONSTRUCTION DETAILS
TRAFFIC	
TR-001	PAVEMENT MARKING PLAN
TR-002	TRAFFIC SIGNAL PLAN - LANDRY AVENUE AND HS DRIVEWAY
TR-003	TRAFFIC TIMING AND PHASING PLAN - LANDRY AVENUE AND HS DRIVEWAY
TR-004	TRAFFIC SIGNAL PLAN - LANDRY AVENUE AND WILSON WEST WHITTY WAY
TR-005	TRAFFIC TIMING AND PHASING PLAN - LANDRY AVENUE AND WILSON WEST WHITTY WAY
LANDSCAPE	
L1.00	OVERALL SITE PLAN
L1.01	MATERIALS PLAN
L1.02	MATERIALS PLAN
L1.03	MATERIALS PLAN
L1.04	MATERIALS PLAN
L1.05	MATERIALS PLAN
L1.06	MATERIALS PLAN
L1.07	MATERIALS PLAN
L2.01	GRADING PLAN
L2.02	GRADING PLAN
L2.03	GRADING PLAN
L2.04	GRADING PLAN
L2.05	GRADING PLAN
L2.06	GRADING PLAN
L2.07	GRADING PLAN
L2.08	GRADING ENLARGEMENT PLAN
L2.09	GRADING ENLARGEMENT PLAN
L3.01	PLANTING PLAN
L3.02	PLANTING PLAN
L3.03	PLANTING PLAN
L3.04	PLANTING PLAN
L3.05	PLANTING PLAN
L3.06	PLANTING PLAN
L3.07	PLANTING PLAN
L3.08	PLANTING DETAILS
L4.01	DETAILS
L4.02	DETAILS
L4.03	DETAILS
L4.04	DETAILS
L4.05	DETAILS
L4.06	DETAILS
L4.07	DETAILS
L5.01	PRICING ALTERNATIVE
I1.00	OVERALL IRRIGATION PLAN
I1.01	IRRIGATION PLAN
I1.02	IRRIGATION PLAN
I1.03	IRRIGATION PLAN
I1.04	IRRIGATION PLAN
I1.05	IRRIGATION PLAN
I1.06	IRRIGATION PLAN
I1.07	IRRIGATION PLAN - BASEBALL ALTERNATIVE
I2.00	IRRIGATION DETAILS
ELECTRICAL	
EL 1.00	SITE LIGHTING CALCULATIONS

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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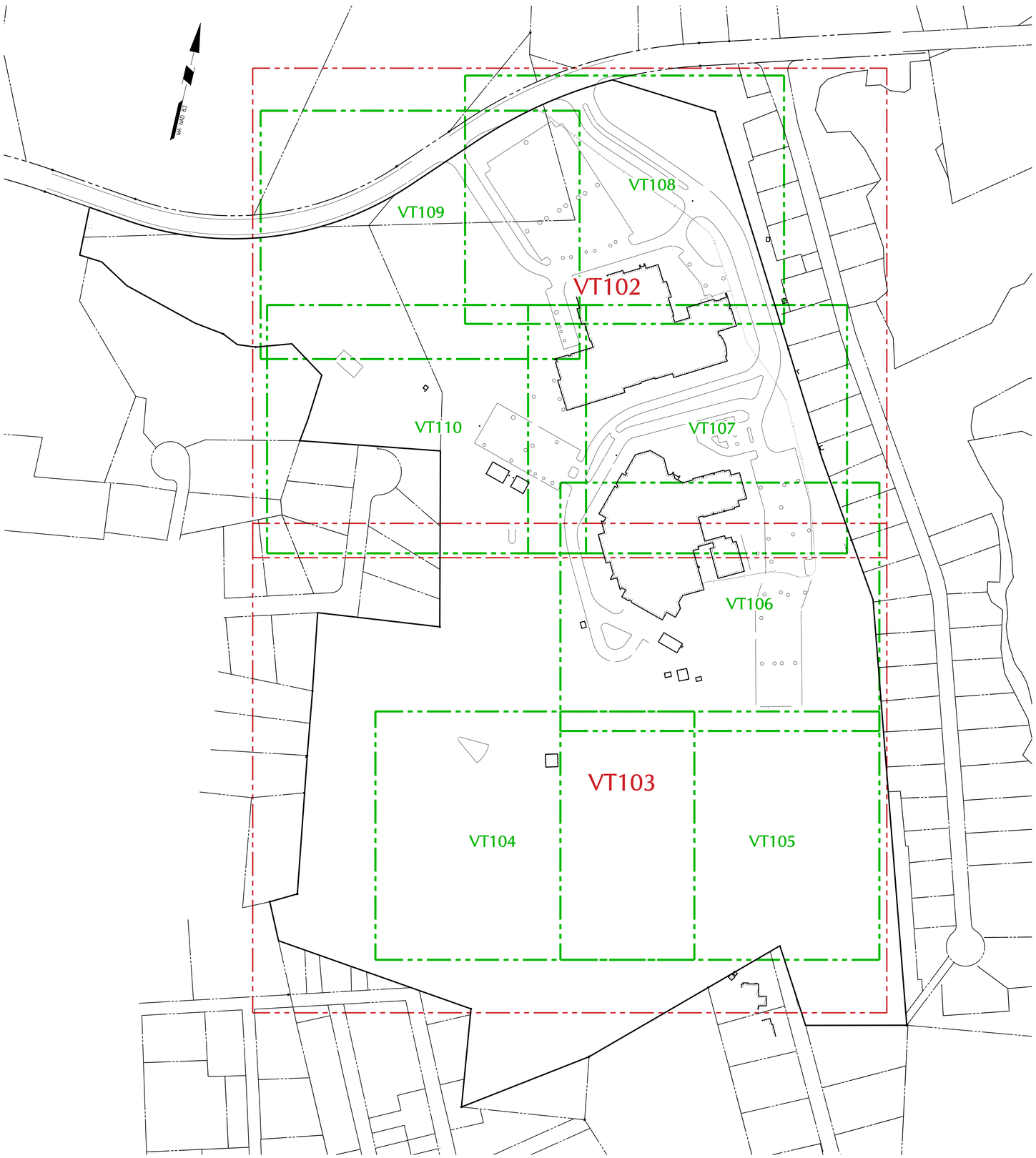
KEY PLAN

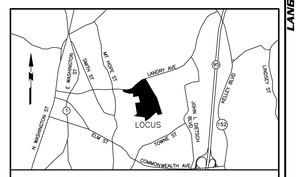
ORIENTATION AND SCALE:

SHEET TITLE:
DRAWING INDEX

SHEET NUMBER:
G0.02

Autodesk Docs://North Attleborough HS/ARCH - 856 - North Attleborough HS.rvt
12/2/2025 2:56:38 PM





PROJECT LOCATION MAP
NOT TO SCALE

LEGEND (NOT SHOWN TO SCALE)

- AIR CONDITIONING UNIT
- BOLLARD
- BORING HOLE
- D — DOOR
- DD — DOUBLE DOOR
- FLAG POLE
- MAILBOX
- MONITORING WELL
- SIGN
- SHRUB
- TREE
- WETLAND FLAG
- GROUND LIGHT
- CABLE BOX HAND HOLE
- CATCH BASIN
- CLEANOUT
- ELECTRIC BOX
- ELECTRIC METER
- FILLER VALVE
- FIRE HYDRANT
- FLARED END SECTION
- COMMUNICATION BOX
- FUEL PUMP
- GAS METER
- GAS VALVE
- GUY POLE
- GUY WIRE
- HAND HOLE
- LIGHT POLE
- MANHOLE (TYPE AS LABELED)
- POST INDICATOR VALVE
- POWER POLE
- ROOF DRAIN
- STANDPIPE
- TRAFFIC SIGNAL BOX
- PEDESTRIAN PUSH BUTTON
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ARM
- TRAFFIC SIGNAL POLE
- UNDERGROUND VAULT
- VALVE UNKNOWN
- WATER METER
- WATER VALVE
- x 262.3 — SPOT ELEVATION
- BIT — BITUMINOUS
- CONC — CONCRETE
- CP — CONCRETE PAD
- LSA — LANDSCAPED AREA
- BOH — BUILDING OVERHANG
- BW — BOTTOM OF WALL
- EP — EDGE OF PAVEMENT
- EG — EDGE OF GRAVEL
- EW — EDGE OF WALK
- DW — DETECTABLE WARNING
- BC — BITUMINOUS CURB
- CC — CONCRETE CURB
- GC — GRANITE CURB
- SG — SLOPED GRANITE CURB
- TBM — TEMPORARY BENCH MARK
- SWS — SINGLE WHITE STRIPE
- BWS — BROKEN WHITE STRIPE
- SYS — SINGLE YELLOW STRIPE
- DYS — DOUBLE YELLOW STRIPE
- METAL GUARD RAIL
- WOOD GUARD RAIL
- STOCKADE FENCE
- CHAINLINK FENCE
- IRON FENCE
- TREE LINE
- OVERHEAD WIRE
- WETLAND LINE
- EASEMENT LINE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- 322 — CONTOUR LINE
- FM — SANITARY FORCE MAIN
- CATV — CABLE TV MARK OUT LINE
- D — DRAINAGE MARK OUT LINE
- E — ELECTRIC MARK OUT LINE
- C — COMMUNICATION MARK OUT LINE
- G — GAS MARK OUT LINE
- S — SANITARY SEWER MARK OUT LINE
- W — WATER MARK OUT LINE
- ST — STEAM MARK OUT LINE
- UNK — UNKNOWN MARK OUT LINE
- R* — REFERENCE UTILITY LINE (TYPE AS NOTED) – PLOTTED FROM EXISTING MAPPING

NOTES

1. THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, DEED INFORMATION AND AVAILABLE PLANS OF RECORD.
2. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO MASSACHUSETTS STATE PLANE COORDINATE SYSTEM NAD 83 (EPOCH 2001). POSITION WAS DETERMINED BY GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS) AS PROVIDED BY HXGN SMARTNET CONTINUOUSLY OPERATED REFERENCE STATIONS (CORS).
3. ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) (GEOID 12B) AS DETERMINED BY GNSS
4. BENCH MARK INFORMATION:

   TEMPORARY BENCH MARKS SET:

   TBM–1: HIGH POINT OF MAG NAIL SET IN PAVEMENT ON THE SOUTHERLY SIDE OF LANDRY AVENUE (AS SHOWN HEREON – SEE SHEET 3). ELEVATION = 224.44

   TBM–2: HIGH POINT OF MAG NAIL SET IN PAVEMENT AT THE MEDIAN IN WILSON WEST WHITTY WAY (AS SHOWN HEREON – SEE SHEET 2) ELEVATION = 244.81

   TBM–3: HIGH POINT OF MAG NAIL SET IN PAVEMENT IN THE PARKING LOT ON THE EASTERN SIDE OF THE HIGH SCHOOL (AS SHOWN HEREON – SEE SHEET 4) ELEVATION = 244.51

   TBM–4: HIGH POINT OF MAG NAIL SET IN PAVEMENT IN DRIVEWAY ON THE SOUTHERN SIDE OF THE HIGH SCHOOL (AS SHOWN HEREON – SEE SHEET 5) ELEVATION = 244.12
5. PLANIMETRIC AND TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN ENVIRONMENTAL AND ENGINEERING SERVICES. FIELD WORK COMPLETED DURING THE MONTHS OF MARCH AND APRIL 2024.
6. AS PER THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP ENTITLED "BRISTOL COUNTY, MASSACHUSETTS PANEL 102 OF 550, MAP NUMBER 25005C0102G, EFFECTIVE DATE JULY 16, 2015", AND THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP ENTITLED "BRISTOL COUNTY, MASSACHUSETTS PANEL 106 OF 550, MAP NUMBER 25005C0106G, EFFECTIVE DATE JULY 16, 2015" THE PROJECT AREA IS IN ZONE X (UNSHADED).
7. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND LOCATIONS WHERE DATA IS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE, THE SURVEYOR CANNOT, AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES.
8. ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA IS SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS. TO DATE INFORMATION HAS NOT BEEN RECEIVED FROM PUBLIC TELEPHONE, CABLE, AND FIRE ALARM PROVIDERS.
9. UNLESS SPECIFICALLY NOTED HEREON, THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.
10. ALL BUILDINGS AND STRUCTURES WERE LOCATED AND MEASURED AT GROUND LEVEL. THE SURVEYOR MAKES NO DETERMINATIONS OR GUARANTEES AS TO THE ABSENCE, EXISTENCE OR LOCATION OF UNDERGROUND STRUCTURES, FOUNDATIONS, FOOTINGS, PROJECTIONS, WALLS, TANKS, SEPTIC SYSTEMS, ETC. NO TEST PITS, EXCAVATIONS OR GROUND PENETRATING RADAR WERE PERFORMED AS PART OF THIS SURVEY.
11. PRIOR TO ANY DESIGN OR CONSTRUCTION, THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.

ZONING TABLE - R15

	REQUIRED	EXISTING	
MINIMUM LOT AREA:	15,000 SQUARE FEET	3,153,580± SQUARE FEET	(72.39 acres)
MINIMUM LOT FRONTAGE:	120 FEET	1,470± FEET	
MINIMUM LOT WIDTH:	120 FEET	>900 FEET	
MINIMUM LOT DEPTH:	120 FEET	>2,000 FEET	
MINIMUM FRONT YARD:	40 FEET	461 FEET	
MINIMUM SIDE YARD:	15 FEET	111 FEET	
MINIMUM REAR YARD:	15 FEET	>800 FEET	
MAXIMUM HEIGHT	30 FEET	NOT SURVEYED	
MAXIMUM No. OF STORIES:	2 1/2	2	
MAXIMUM BUILDING COVERAGE:	25%	6.5%	
MINIMUM OPEN SPACE:	60%	~60%	

100 0 25 50 100
SCALE: 1 INCH = 100 FEET

COMMONWEALTH OF MASSACHUSETTS IAN C. WISURI No.47403 REGISTERED PROFESSIONAL LAND SURVEYOR

11/20/2025
IAN C. WISURI, PLS No. 47403 DATE SIGNED

Date	Description	No.
10/01/25	UTILITY MARKOUT	1

Revisions

LANGAN
Langan Engineering and Environmental Services, Inc.
100 Cambridge Street, Suite 1310
Boston, MA 02114
T: 617.824.9100 F: 617.824.9101 www.langan.com

Project
EXISTING CONDITIONS PLAN NORTH ATTLEBOROUGH HIGH SCHOOL
1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760
BRISTOL COUNTY MASSACHUSETTS

Prepared for
DORE + WHITTIER
#7-2, 260 MERRIMAC ST
NEWBURYPORT, MA, 01950

Record Owner
N/F
INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/144)
PARCEL 33-129 (852/221)
PARCEL 33-65 (1664/146)
PARCEL 34-111 (1664/147)
PARCEL 33-130 (1114/156 & 1044/258)

Drawing Title
TOPOGRAPHIC PLAN OF LAND

Project No.	Drawing No.
151042201	VT101
Date: JULY 31, 2025	
Drawn By: BAL	
Checked By: ICW	Sheet 1 of 10

PROJECT NO. 151042201

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Date: 10/9/2025 Time: 14:44 User: blambert Style Table: Langan.stb Layout: 1 Document Code: 151042201-0401-VB201-0101

LANDRY AVENUE
(PUBLIC – 60' WIDE)
(1969 TOWN LAYOUT)
(PLAN BOOK 120, PAGES 66-68)

LAURELWOOD DRIVE

WILSON WEST WHITTY WAY

JANICE LANE

CONCRETE BOUND W/ DRILL HOLE FOUND

STONE BOUND W/ DRILL HOLE FOUND LEANING

FIELD STONE BOUND W/ DRILL HOLE HELD

DRILL HOLE FOUND

- DRILL HOLE FOUND, HELD

WETLAND SERIES A

WETLAND SERIES B

33-65
N/F
INHABITANTS OF TOWN OF NORTH ATTLEBOROUGH
1664/146

33-129
N/F
INHABITANTS OF TOWN OF NORTH ATTLEBOROUGH
852/211

34-110
N/F
INHABITANTS OF TOWN OF NORTH ATTLEBOROUGH
2493/164

34-111
N/F
INHABITANTS OF TOWN OF NORTH ATTLEBOROUGH
1664/147

NORTH ATTLEBORO MIDDLE SCHOOL
2 STORY BRICK BUILDING

NORTH ATTLEBORO HIGH SCHOOL
2 STORY BRICK BUILDING

1 STORY BRICK BUILDING

2 STORY BRICK BUILDING

34-700
N/F
NO ASSESSOR DATA

34-699
N/F
NO ASSESSOR DATA

#17
34-650
N/F
JULIA A. AND LOUIS A. SAVIOLI
6347/206

#21
34-651
N/F
MICHAEL A. DEFUSCO
6576/142

#25
34-652
N/F
PETER J. AND JEANNE MARIE A. DRUGAN

#29
34-653
N/F
JEFFREY J. AND RANDI H. HATHAWAY
7297/2

34-654
N/F
NO ASSESSOR DATA

#35
34-655
N/F
MARTHA JORDAN
10756/243

#39
34-656
N/F
MICHAEL HOPEWELL
24127/165

#43
34-657
N/F
THE BRISHKOVSKI FAMILY TRUST
24939/331

#47
34-658
N/F
DAVID W. AND DONNA J. SIMONDS
7119/313

#51
34-659
N/F
EUGENE CLINTON ROUNDTREE AND LAURA ELIZABETH KRABY
26220/192

#55
34-660
N/F
PAUL F. BROOKS JR
12632/142

#59
34-661
N/F
JOHN MCAVOY AND THERESA AFFANTO MCAVOY
6263/129

#63
34-662
N/F
CHARLES G. AND MARIANNE H. LIMOGES
6329/93

#67
34-663
N/F
JOHN AND DARLA LEIGHTON
10780/209

#167
34-717
N/F
DAVID H. SIROTA AND JULIE A. CURRIERI
24300/167

#54
34-588
N/F
DAVID H. AND MARILYN H. REDDING
1744/1070

#71
34-109
N/F
KENNETH J. AND CAROL ANNE SCANZIO
1771/194

#61
34-589
N/F
LUKE A. AND JENNIFER BAIUNGO
8436/151

ZONING SETBACK

SCALE: 1 INCH = 40 FEET

IAN C. WISURI, PLS No. 47403 — 11/20/2025 DATE SIGNED

Date	Description	No.
10/09/25	REVISED UTILITES	2
10/01/25	UTILITY MARKOUT	1

Revisions

LANGAN
Langan Engineering and Environmental Services, Inc.
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Boston, MA 02114
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Project
EXISTING CONDITIONS PLAN
NORTH ATTLEBOROUGH HIGH SCHOOL
1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760
BRISTOL COUNTY MASSACHUSETTS

Prepared for
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PARCEL 33-130 (1114/156 & 1044/258)

Drawing Title
TOPOGRAPHIC PLAN OF LAND

Project No.	Drawing No.
151042201	VT102
Date: JULY 31, 2025	
Drawn By: BAL	
Checked By: ICW	Sheet 2 of 10

PROJECT NO. 151042201

COMMONWEALTH OF MASSACHUSETTS IAN C. WISURI No. 47403 REGISTERED PROFESSIONAL LAND SURVEYOR

Date: 10/9/2025 Time: 14:44 User: blambert Style Table: Langan.stb Layout: 2 Document Code: 151042201-0401-VB201-0101



10/01/25	UTILITY MARKOUT	1
Date	Description	No.

Revisions

LANGAN

Langan Engineering and Environmental Services, Inc.
100 Cambridge Street, Suite 1310
Boston, MA 02114

T: 617.824.9100 F: 617.824.9101 www.langan.com

Project

EXISTING CONDITIONS PLAN
NORTH ATTLEBOROUGH HIGH SCHOOL

1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760

BRISTOL COUNTY MASSACHUSETTS

Prepared for

DORE + WHITTIER
#7-2, 260 MERRIMAC ST
NEWBURYPORT, MA, 01950

Record Owner

N/F
INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (1664/146)
PARCEL 34-111 (1664/147)
PARCEL 33-130 (1114/156 & 1044/258)

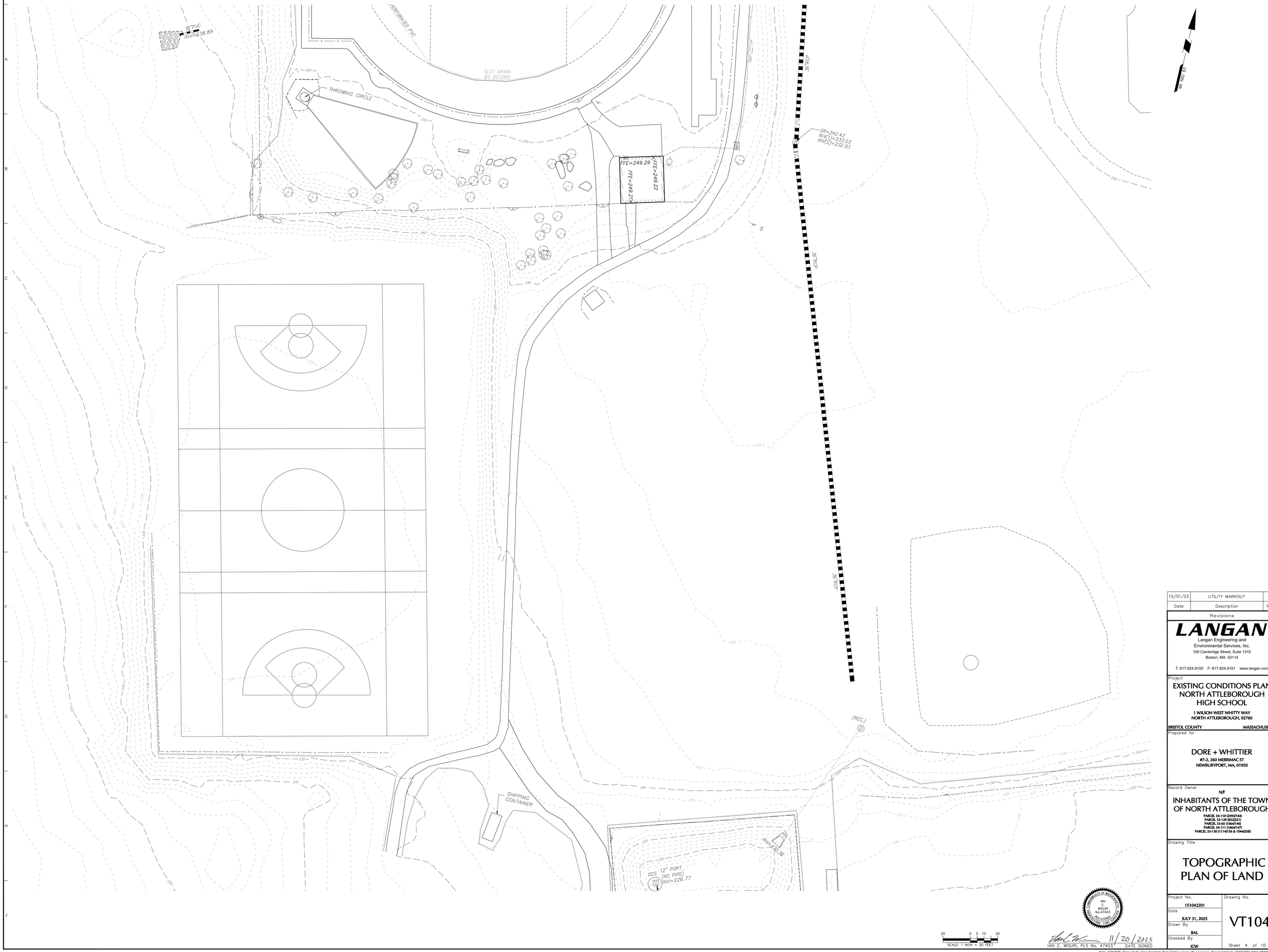
Drawing Title

TOPOGRAPHIC PLAN OF LAND

Project No. 151042201	Drawing No. VT103
Date JULY 31, 2025	
Drawn By BAL	
Checked By ICW	Sheet 3 of 10

PROJECT NO. 151042201

Date: 10/9/2025 Time: 14:44 User: blambert Style Table: Langan.stb Layout: 3 Document Code: 151042201-0401-VB201-0101



SCALE: 1 INCH = 20 FEET

IAN C. WSURI, PLS No. 47403 — DATE SIGNED 11/20/2025

Date	Description	No.
10/01/25	UTILITY MARKOUT	1

Revisions

LANGAN

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1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760

BRISTOL COUNTY MASSACHUSETTS

Prepared for

DORE + WHITTIER
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NEWBURYPORT, MA, 01950

Record Owner

N/F
INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (16647/140)
PARCEL 34-111 (16647/47)
PARCEL 33-130 (11147/55 & 1044/258)

Drawing Title

TOPOGRAPHIC PLAN OF LAND

Project No.	Drawing No.
151042201	VT104
Date: JULY 31, 2025	
Drawn By: BAL	
Checked By: ICW	Sheet 4 of 10

PROJECT NO. 151042201

Date: 10/9/2025 Time: 14:44 User: blambert Style Table: Langan.stb Layout: 4 Document Code: 151042201-0401-VB201-0101



PROJECT NO. 151042201

Date	Description	No.
10/01/25	UTILITY MARKOUT	1

Revisions

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Project

EXISTING CONDITIONS PLAN
NORTH ATTLEBOROUGH HIGH SCHOOL

1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760

BRISTOL COUNTY MASSACHUSETTS

Prepared for

DORE + WHITTIER
#7-2, 260 MERRIMAC ST
NEWBURYPORT, MA, 01950

Record Owner

N/F
INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/144)
PARCEL 33-129 (852/221)
PARCEL 33-65 (1664/146)
PARCEL 34-111 (1664/147)
PARCEL 33-130 (1114/156 & 1044/258)

Drawing Title

TOPOGRAPHIC PLAN OF LAND

Project No.	Drawing No.
151042201	VT105
Date: JULY 31, 2025	
Drawn By: BAL	
Checked By: ICW	Sheet 5 of 10

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10/01/25	UTILITY MARKOUT	1
Date	Description	No.

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Project

EXISTING CONDITIONS PLAN NORTH ATTLEBOROUGH HIGH SCHOOL

1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760

BRISTOL COUNTY MASSACHUSETTS

Prepared for

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NEWBURYPORT, MA, 01950

Record Owner

N/F

INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH

PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (16647/140)
PARCEL 34-111 (16647/147)
PARCEL 33-130 (1114/756 & 1044/258)

Drawing Title

TOPOGRAPHIC PLAN OF LAND

Project No.	151042201
Date	JULY 31, 2025
Drawn By	BAL
Checked By	ICW

Drawing No. VT106

Sheet 6 of 10

COMMONWEALTH OF MASSACHUSETTS — IAN C. WISURI No. 47403 — REGISTERED PROFESSIONAL LAND SURVEYOR

SCALE: 1 INCH = 20 FEET

11/20/2025
IAN C. WISURI, PLS No. 47403 DATE SIGNED

PROJECT NO. 151042201

Date: 10/9/2025 Time: 14:45 User: blambert Style Table: Langan.stb Layout: 6 Document Code: 151042201-0401-VB201-0101

LANGAN

PROJECT NO. 151042201

Date	Description	No.
10/09/25	REVISED UTILITES	2
10/01/25	UTILITY MARKOUT	1

Revisions

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Project
EXISTING CONDITIONS PLAN
NORTH ATTLEBOROUGH HIGH SCHOOL
1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760
BRISTOL COUNTY MASSACHUSETTS

Prepared for
DORE + WHITTIER
#7-2, 260 MERRIMAC ST
NEWBURYPORT, MA, 01950

Record Owner
N/F
INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (16647/140)
PARCEL 34-111 (16647/147)
PARCEL 33-130 (1114/156 & 1044/258)

Drawing Title
TOPOGRAPHIC PLAN OF LAND

Project No.	Drawing No.
151042201	VT107
Date: JULY 31, 2025	
Drawn By: BAL	
Checked By: ICW	Sheet 7 of 10

IAN C. WISURI, PLS No. 47403 — 11/20/2025 DATE SIGNED

SCALE: 1 INCH = 20 FEET

Date: 10/9/2025 Time: 14:45 User: blambert Style Table: Langan.stb Layout: 7 Document Code: 151042201-0401-VB201-0101



10/01/25	UTILITY MARKOUT	1
Date	Description	No.

Revisions

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Project

EXISTING CONDITIONS PLAN NORTH ATTLEBOROUGH HIGH SCHOOL

1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760

BRISTOL COUNTY **MASSACHUSETTS**

Prepared for

DORE + WHITTIER
#7-2, 260 MERRIMAC ST
NEWBURYPORT, MA, 01950

Record Owner

N/F
INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (16647/46)
PARCEL 34-111 (16647/47)
PARCEL 33-130 (1114/156 & 1044/258)

Drawing Title

TOPOGRAPHIC PLAN OF LAND

Project No. **151042201**	Drawing No. **VT108**
Date **JULY 31, 2025**	
Drawn By **BAL**	
Checked By **ICW**	Sheet 8 of 10

PROJECT NO. 151042201

Date: 10/9/2025 Time: 14:45 User: blambert Style Table: Langan.stb Layout: 8 Document Code: 151042201-0401-VB201-0101

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LANDRY AVENUE
(PUBLIC - 60' WIDE)
(1969 TOWN LAYOUT)
(PLAN BOOK 120, PAGES 66-68)
CONCRETE BOUND w/ DRILL HOLE FOUND
STONE BOUND w/ DRILL HOLE FOUND LEANING
WETLAND SERIES A
WETLAND SERIES B
HOLE D. HELD
(BY RECORD)
(BY RECORD)
(BY RECORD)
TBM-1
ZONING SETBACK
ZONING SETBACK
ONE WAY
ONE WAY
SCHOOL
100'
100'
100'
GOLF
RIM=218.25
INV(1)=213.25
INV(2)=213.20
INV(3)=213.15
GR=218.27
INV=214.57
GR=219.14
INV=215.39
RIM=222.86
INV(L)=217.83
GR=227.12
INV=223.42
GR=227.82
INV=224.42
RIM=227.14
INV(1)=222.19
INV(2)=222.14
INV(3)=222.04
INV(4)=221.64
RIM=232.03
INV(1)=226.13
INV(2)=225.08
RIM=228.03
INV(1)=223.10
INV(2)=223.05
INV(3)=223.00
GR=232.24
INV=228.54
GR=229.01
INV(2)=228.81
RIM=234.46
INV(1)=229.16
INV(2)=229.06
INV=228.66
RIM=235.71
INV(1)=232.66
INV(2)=232.11
GR=235.65
INV=232.8
GR=237.05
INV=234.55
RIM=237.33
INVAGC
GR=236.35
INV=233.45
RIM=237.43
INV(1)=229.13
INV(2)=229.13
INV(3)=229.03
RIM=236.46
INV(1)=229.50
INV(2)=229.40
INV(3)=229.45
RIM=237.7
INV(1)=235.85
TOP NOT ACCESSIBLE
GR=235.50
INV(1)=231.50
GR=236.07
INV=233.37
GR=235.34
INV(1)=231.49
INV(2)=231.39
INV(3)=231.29
RIM=236.29
INV(1)=230.29
12"SEALED RCP
GR=231.85
INV(1)=228.65
INV(2)=228.60
INV(3)=228.50
GR=234.80
INV(1)=231.05
INV(2)=230.50
GR=235.37
INV=231.07
1A
2A
3A
4A
5A
6A
7A
8A
9A
10A
11A
12A
13A
14A
12B
13B
11B
10B
9B
8B
7B
6B
5B
4B
5A
INV=222.33
SSMH
SSMH
SSMH



SCALE: 1 INCH = 20 FEET

IAN C. WISURI, PLS No. 47403 DATE SIGNED

Date	Description	No.
10/09/25	REVISED UTILITES	2
10/01/25	UTILITY MARKOUT	1

Revisions

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Project

EXISTING CONDITIONS PLAN
NORTH ATTLEBOROUGH HIGH SCHOOL

1 WILSON WEST WHITTY WAY
NORTH ATTLEBOROUGH, 02760

BRISTOL COUNTY MASSACHUSETTS

Prepared for

DORE + WHITTIER
#7-2, 260 MERRIMAC ST
NEWBURYPORT, MA, 01950

Record Owner

N/F
INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (16647/140)
PARCEL 34-111 (16647/147)
PARCEL 33-130 (1114/156 & 1004/258)

Drawing Title

TOPOGRAPHIC PLAN OF LAND

Project No.	Drawing No.
151042201	VT110
Date: JULY 31, 2025	
Drawn By: BAL	
Checked By: ICW	Sheet 10 of 10

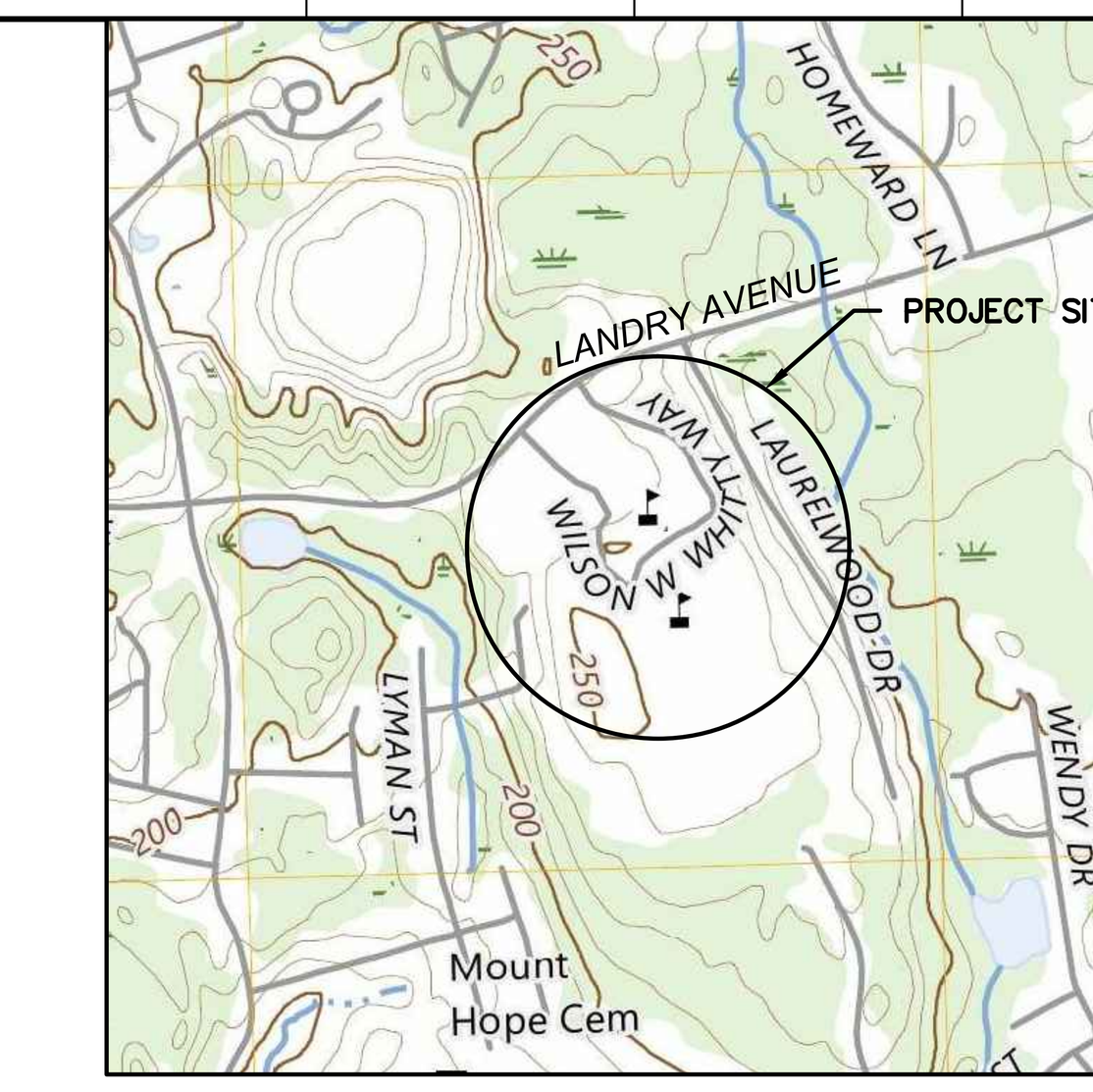
PROJECT NO. 151042201

Date: 10/9/2025 Time: 14:45 User: blambert Style Table: Langan.stb Layout: 10 Document Code: 151042201-0401-VB201-0101

EXISTING CONDITIONS/SURVEY NOTES:

1. EXISTING CONDITIONS ARE BASED ON A SURVEY PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC., 100 CAMBRIDGE STREET, SUITE 1310, BOSTON, MA 02114, ENTITLED "EXISTING CONDITIONS PLAN NORTH ATTLEBOROUGH HIGH SCHOOL", PROJECT NO. 151042201, DATED 10/08/24. SEE SURVEY PLAN FOR ADDITIONAL NOTES, ABBREVIATIONS, AND LEGEND INFORMATION.
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAP, NUMBER 25005C0102G, EFFECTIVE DATE JULY 16, 2015. SEE SURVEY PLAN FOR ADDITIONAL INFORMATION.
4. WETLANDS WERE DELINEATED AND FLAGGED BY CDW CONSULTANTS, INC. ON MARCH 12, 2024, IN ACCORDANCE WITH MASSACHUSETTS AND USACE WETLAND DELINEATION CRITERIA.





LOCUS MAP

SCALE: 1"=1,000'

GENERAL CONSTRUCTION AND DEMOLITION NOTES:

1. PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION. THE CONTRACTOR IS ADVISED THAT THE LOCATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE AND THAT ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES NOT SCHEDULED FOR DEMOLITION.
2. EXCEPT AS REQUIRED TO PERFORM SPECIFIC WORK ACTIVITIES RELATED TO UTILITY CONNECTIONS, CONTRACTOR SHALL CONFINE HIS OPERATIONS INCLUDING ALL STOCKPILES, STORAGE, AND STAGING, TO WITHIN THE LIMIT OF WORK. STOCKPILE DEMOLITION MATERIAL AND/OR EXCAVATED MATERIAL IN ACCORDANCE WITH SPECIFICATION SECTION 017419-DEMOLITION WASTE MANAGEMENT AND DISPOSAL.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE-RELATED DUST CONTROL. CONTRACTOR TO PREPARE AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THIS PROJECT, INCLUDING A NPDES DEWATERING PERMIT.
4. THE CONTRACTOR MAY ELECT TO USE ONE OF THE FIRE HYDRANTS INDICATED ON THE DRAWINGS AS A WATER SERVICE FOR DEMOLITION/CONSTRUCTION ACTIVITIES. PRIOR TO THE USE OF THIS SERVICE, THE CONTRACTOR SHALL COORDINATE WITH THE NORTH ATTLEBOROUGH WATER DEPARTMENT TO OBTAIN WATER SERVICE. IF USED, THE CONTRACTOR SHALL INSTALL A TEMPORARY METERED WATER LINE WITH BACKFLOW PREVENTER AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER, AND SHALL PROVIDE PROTECTION FOR THE HYDRANT. IF THE WATER SERVICE FROM THE TOWN IS INADEQUATE FOR CONTRACTOR'S NEEDS, THE CONTRACTOR SHALL SUPPLEMENT AS NECESSARY TO MEET PROJECT REQUIREMENTS.
5. THE CONTRACTOR SHALL MAKE ALL NECESSARY APPLICATIONS AND ARRANGEMENTS WITH UTILITY PROVIDERS FOR TEMPORARY ELECTRICAL SERVICE FOR DEMOLITION/CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL PROVIDE AND PAY FOR ALL TEMPORARY WIRING, SWITCHES, CONNECTIONS, METERS AND SERVICE. CONTRACTOR SHALL REMOVE ALL TEMPORARY EQUIPMENT NOTED ABOVE AFTER COMPLETION OF WORK, THE CONTRACTOR MAY, AT HIS OWN EXPENSE, UTILIZE TEMPORARY GENERATORS TO PROVIDE POWER FOR DEMOLITION/CONSTRUCTION ACTIVITIES. SEE SPECIFICATION SECTION 015000-TEMPORARY FACILITIES AND CONTROLS.
6. THE CONTRACTOR SHALL PROVIDE TEMPORARY CHAIN LINK CONSTRUCTION FENCE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A PLAN CONFIRMING THE LOCATION OF THE CONSTRUCTION FENCE, ACCESS GATES AND CONSTRUCTION ENTRANCES, AND ANY APPLICABLE PHASES, FOR APPROVAL BY THE OWNER. FENCE SHALL BE INSTALLED IN ACCORDANCE WITH SPECIFICATION SECTION 015000-TEMPORARY FACILITIES AND CONTROLS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR WHEEL CLEANING OF ALL CONSTRICTION VEHICLES BEFORE EXITING THE SITE. ANY TRACKED DIRT FROM CONTRACTOR OR SUBCONTRACTOR VEHICLES ONTO THE ACCESS ROAD OR PUBLIC RIGHTS OF WAY SHALL BE SWEPT UP AT THE CONTRACTORS EXPENSE.
8. CONTRACTOR SHALL DEMOLISH AND REMOVE ALL BITUMINOUS CONCRETE PAVING, INCLUDING AREAS OF PARTIAL PAVING WITHIN THE LIMIT OF WORK, AS INDICATED ON THE PLANS.
9. THE CONTRACTOR IS ADVISED THAT THE LOCATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE AND THAT ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO THE START OF CONSTRUCTION AND DEMOLITION ACTIVITIES THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES NOT SCHEDULED FOR DEMOLITION.
10. REMOVAL OF ANY WORK OR ITEM SHALL INCLUDE OFFSITE LEGAL DISPOSAL OF SAME. ALL REMOVAL AND DISPOSAL WORK SHALL BE PERFORMED IN A SAFE AND LEGAL MANNER. THE CONTRACTOR'S DISPOSAL PRACTICE OF ANY EXCESS MATERIAL SHALL COMPLY WITH ALL FEDERAL, STATE, AND MUNICIPAL WASTE MANAGEMENT LAWS AND REGULATION.
11. THE CONTRACTOR SHALL RELOCATE ALL ITEMS SCHEDULED TO REMAIN AWAY FROM THE CONSTRUCTION AREA, AND PROTECT AGAINST DUST AND MOISTURE AS NEEDED. FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL RETURN THESE ITEMS UNDAMAGED TO THEIR ORIGINAL LOCATIONS. ANY ITEM DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND, AT NO COST TO THE OWNER.
12. LOCATIONS OF INDIVIDUAL EXISTING TREES 12" AND LARGER AND SHRUBS ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL REMOVE TREES, BUSHES, AND OTHER VEGETATION IN THE WORK AREA ONLY AS REQUIRED TO COMPLETE THE NEW WORK AND SHALL MAKE EVERY EFFORT TO MINIMIZE THE AMOUNT OF VEGETATION DISTURBED. THE CONTRACTOR SHALL REPLACE ALL DAMAGED VEGETATION TO REMAIN IN KIND FOLLOWING THE COMPLETION OF THE WORK. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL TREES AND SHRUBS.
13. ALL EXISTING STRUCTURES, INCLUDING BUT NOT LIMITED TO BUILDINGS, UTILITIES, WALKWAYS, RETAINING WALLS, PLANTING BEDS, TREES, FENCES, BENCHES, AND PLANTING GRATES NOT SUBJECTED TO THE SCOPE OF WORK SHALL BE PROTECTED DURING THE WORK.
14. THE CONTRACTOR SHALL RESTORE ALL LANDSCAPING AND HARDSCAPING AFFECTED BY THE DEMOLITION AND CONSTRUCTION ACTIVITIES IN KIND. THE CONTRACTOR SHALL PROVIDE TREE PROTECTION AS SPECIFIED IN THE DETAILS FOR ALL TREES TO BE PRESERVED IN THE WORK AREA.
15. THE CONTRACTOR IS ADVISED TO DISTURB VEGETATION AND PAVEMENT AS LITTLE AS POSSIBLE.
16. ANY ITEM OR STRUCTURE DAMAGED BEYOND THE LIMITS OF WORK SHALL BE REPLACED IN KIND BY THE CONTRACTOR, AT HIS OWN EXPENSE.
17. PROVIDE SHORING OR UNDERPINNING AS NECESSARY TO PROTECT EXISTING STRUCTURES.
18. EXISTING STRUCTURES, LANDSCAPING, AND HARDSCAPING ARE PRESENT IN AND BEYOND THE LIMITS OF WORK BUT NOT NECESSARILY SHOWN HEREON. THE CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES IN PLACE DURING THE ENTIRE DURATION OF THE PROJECT. OR IF ACCEPTABLE TO THE OWNER, HARDSCAPE ITEMS SUCH AS FENCES AND GUARDRAILS MAY BE REMOVED AND RESET, WITHOUT DAMAGE. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES.
19. CONTRACTOR TO PROTECT EXISTING SIGNS TO REMAIN, OR IF ACCEPTABLE TO THE OWNER, SIGNS MAY BE REMOVED AND RESET, WITHOUT DAMAGE, AFTER CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES. ADDITIONALLY, ALL EXISTING LIGHT POLES AND FLAG POLES SHALL BE PROTECTED DURING CONSTRUCTION, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
20. ALL MATERIALS STOCKPILED DURING THE WORK SHALL BE PLACED IN A LOCATION THAT PREVENTS EROSION AND SEDIMENTATION. THE CONTRACTOR SHALL STOCKPILE MATERIALS IN AN AREA ON-SITE.
21. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO STATE AND LOCAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE TOWN OF NORTH ATTLEBOROUGH, THE COMMONWEALTH OF MASSACHUSETTS, AND ANY OTHER AGENCIES HAVING JURISDICTION.
22. EXISTING PAVEMENT MARKINGS ARE PRESENT THROUGHOUT THE PROJECT AREA, THOUGH THEY ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL RESTORE ALL PAVEMENT MARKINGS TO THEIR PRECONSTRUCTION CONDITION, AND REPAIR ANY MARKINGS DAMAGED BY THE WORK. ALL EXISTING COLORS, THICKNESSES AND SYMBOLS SHALL BE MATCHED.
23. ALL EXISTING UTILITIES SHALL REMAIN IN SERVICE DURING DEMOLITION AND CONSTRUCTION AT ALL TIMES, UNLESS PRIOR APPROVAL IS GIVEN BY THE TOWN AND/OR THE OWNER. INCLUDING ALL EXISTING UTILITIES/SERVICES ASSOCIATED WITH THE EXISTING BUILDINGS. IF A UTILITY IS DAMAGED, TEMPORARY SERVICE MAY BE REQUIRED BY THE CONTRACTOR, AT HIS OWN EXPENSE.
24. CONTRACTOR SHALL PROTECT ALL CATCH BASINS WITHIN THE LIMIT OF WORK AND AS INDICATED ON THE PLANS, IN ACCORDANCE WITH SPECIFICATIONS SECTION 312500 EROSION AND SEDIMENTATION CONTROLS, AND THE DETAILS.
25. AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE LIMITS OF THE DEVELOPMENT AS INDICATED ON THE PLANS PRIOR TO THE COMMENCEMENT OF DEMOLITION OR CONSTRUCTION OPERATIONS. CONTRACTOR MAY USE EROSION CONTROL BARRIERS AS SHOWN ON SHEET C-5.0, OR APPROVED EQUALS. PRIOR TO CONSTRUCTION CONTRACTOR SHALL INSTALL SILT SACKS ON ALL ADJACENT DOWNSTREAM CATCH BASINS, AS WELL AS ALL ON-SITE CATCH BASINS. PRIOR TO INSTALLING SILT SACKS THE CONTRACTOR SHALL CLEAN OUT THE SUMPS OF THE CATCH BASINS. THE EROSION CONTROL AS SHOWN IS A MINIMUM REQUIREMENT, ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED ON A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (PREPARED BY THE CONTRACTOR OR BY OTHERS FOR THIS PROJECT), OR AS CONDITIONS WARRANT, SEE ADDITIONAL EROSION CONTROL NOTES ON SHEET C-5.0.
26. UTILITY CUT AND CAP LOCATIONS ARE APPROXIMATE, NOT ALL UTILITIES MAY BE SHOWN. WATER AND SEWER SERVICES SHALL BE CUT AND CAPPED AT THE MAIN.
27. SCHOOL SIGNS AND STREET LIGHTS WITHIN AREAS TO BE DEMOLISHED SHALL BE REMOVED AND RESET, OR SET ASIDE FOR REUSE BY THE TOWN. NOT ALL SCHOOLS SIGNS AND STREETS LIGHTS MAY BE SHOWN. SEE LIGHTING AND TRAFFIC SIGN LOCATIONS PLANS BY OTHERS FOR NEW LOCATIONS.
28. CONTRACTOR TO PROVIDE CONSTRUCTION MANAGEMENT PLAN, INCLUDING THE LOCATION OF CONSTRUCTION FENCING, CONSTRUCTION ENTRANCES, ADDITIONAL EROSION CONTROLS, STAGING, STOCKPILE AREAS, AND GENERAL SITE LOGISTICS.

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

LEGEND

EXISTING		PROPOSED
⊡	GRANITE BOUND FOUND	
	UTILITY POLE	
	GUY WIRE	
	GUY POLE	
	SIGN	
◎	POST	
•	BOLLARD	○ ●
	DECIDUOUS TREE	
●	CONIFEROUS TREE	
G	UNDERGROUND GAS LINE	G
W	UNDERGROUND WATER LINE	W
E	UNDERGROUND ELECTRIC LINE	E
S	UNDERGROUND SEWER LINE	S
D	UNDERGROUND DRAIN LINE	D
	DRAIN MANHOLE (DMH)	Ⓓ
	SEWER MANHOLE (SMH)	Ⓢ
⊞	CATCH BASIN (CB)	■
	GAS/WATER GATE	
	HYDRANT	
	BUSH	
	LOCUS PROPERTY LINE (±)	
	ADJOINERS PROPERTY LINE (±)	
OHW	OVERHEAD WIRE	
	TREELINE	
#	HISTORIC UTILITY LINE (G/W/E/S/D)	
	HISTORIC BUILDING LOCATION	
	MAJOR CONTOUR LINE	255
	MINOR CONTOUR LINE	254
	FENCE	X
	GUARD RAIL	

ABBREVIATIONS

BIT CONC	BITUMINOUS CONCRETE
CONC	CONCRETE
HDPE	HIGH-DENSITY POLYETHYLENE
EOP	EDGE OF PAVEMENT
VGC	VERTICAL GRANITE CURB
PCC	PRECAST CONCRETE CURB
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
TYP	TYPICAL
CO	CLEAN OUT
RIM	RIM ELEVATION
INV	INVERT ELEVATION
R&D	REMOVE AND DEMOLISH
HC	HANDICAP RAMP
VE	VERTICAL ELLIPTICAL
TC/BC	TOP OF CURB/BOTTOM OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL (SURFACE GRADE)
BS	BACK OF SIDEWALK
SSD	SUB SOIL DRAIN
LA	LANDSCAPE ARCHITECT
UD	UNDER DRAIN / SUB DRAIN

APPLICANT: TOWN OF NORTH ATTLEBOROUGH
RECORD OWNER: INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (1664/146)
PARCEL 34-111 (1664/147)
PARCEL 33-130 (1114/156 & 1044/258)

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

Zoning District R-15
Proposed Use of Site: Educational

GRAPHIC SCALE

80 0 40 80 160 320

(IN FEET)
1 INCH = 80 FT.

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12-23-25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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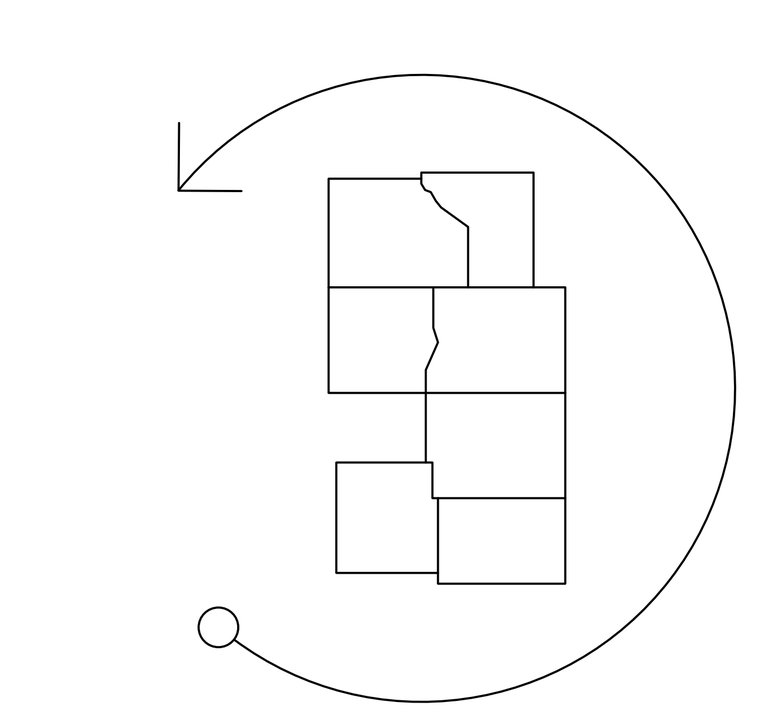
KEY PLAN



ORIENTATION AND SCALE:

N
TRUE NORTH
PROJECT NORTH

SHEET TITLE:

OVERALL SITE DEMOLITION & EROSION CONTROL

SHEET NUMBER:

C-1.0

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

APPROX LOCATION OF SAWCUT (TYP)

EXIST PAVEMENT TO BE MILLED AND REPAVED WITH A 1.5-INCH TOP COURSE MATCH EXISTING ROAD GRADES

EROSION CONTROL INLET PROTECTION (TYP)

MAINTENANCE BUILDING SCOPE
THE WORK SHOW FOR THE MAINTENANCE BUILDING INCLUDES DEMO & EROSION CONTROL BARRIERS, ROADWAY LANE REDUCTION, DRAINAGE IMPROVEMENTS, SEWER FORCE MAIN, AND GENERAL SITE WORK

REMOVE & DISPOSE OF EXIST HC RAMP

FULL-DEPTH EXIST PAVEMENT REMOVAL AND REPLACEMENT

MAINTENANCE BUILDING SCOPE
APPROXIMATE LIMIT OF NEW TREE LINE

LANDRY AVENUE
(PUBLIC - 60' WIDE)
(1969 TOWN LAYOUT)
(PLAN BOOK 120 LOTS 66-68)

INSTALL EROSION CONTROL BARRIER ACROSS DRIVEWAY AT START OF DRIVEWAY
DEMO (APPROX LOCATION, TYP)

EXIST PAVEMENT TO BE MILLED AND REPAVED WITH A 1.5-INCH TOP COURSE MATCH EXISTING ROAD GRADES

APPROX LOCATION OF SAWCUT ALONG NEW CURB BETWEEN NEW DRIVEWAY AND RECONSTRUCTED EXISTING DRIVEWAY (TYP)

WETLAND SERIES A

25' NO DISTURB ZONE (NDZ)

28.4'
MIN DISTANCE FROM WORK ALONG LANDRY AVENUE TO RESOURCE AREA

INSTALL EROSION CONTROL BARRIER ACROSS NEW DRIVEWAY AT START OF DRIVEWAY CONSTRUCTION (APPROX LOCATION, TYP)

100' BUFFER ZONE

FULL-DEPTH EXIST PAVEMENT REMOVAL AND REPLACEMENT

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

APPROX LOCATION OF CONSTRUCTION ENTRANCE AT NEW HIGH SCHOOL ENTRANCE (SEE DETAILS)

EROSION CONTROL INLET PROTECTION (TYP)

CONSTRUCTION ENTRANCE TO BE INSTALLED DURING MIDDLE SCHOOL PARKING LOT CONSTRUCTION (SEE DETAILS)

33-129
N/F
INHABITANTS OF TOWN OF NORTH ATTLEBOROUGH
852/214

WETLAND SERIES B

78.7'
MIN DISTANCE FROM EROSION CONTROL TO RESOURCE AREA

25' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

APPROXIMATE LIMIT OF NEW TREE LINE

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

APPROX LOCATION OF SAWCUT (TYP)

EROSION CONTROL INLET PROTECTION (TYP)

NORTH ATTLEBORO MIDDLE SCHOOL
2 STORY BRICK BUILDING

34-111
N/F
INHABITANTS OF TOWN OF NORTH ATTLEBOROUGH
1664/147

APPROX LOCATION OF SAWCUT (TYP)

EROSION CONTROL INLET PROTECTION (TYP)

REMOVE EXISTING TREES AND BRUSH WITHIN EXISTING STORMWATER BASIN (TYP)

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

EROSION CONTROL INLET PROTECTION (TYP)

NORTH ATTLEBORO HIGH SCHOOL
2 STORY BRICK BUILDING

LAUREL WOOD DRIVE

JANICE LANE

SEE SHEET C-1.2

SEE SHEET C-1.2

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT.

DORE + WHITTIER
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CDW CONSULTANTS
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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

ERIC S. VIILJALMSEN
CIVIL
No. 41596
COMMONWEALTH OF MASSACHUSETTS
PROFESSIONAL ENGINEER
12/22/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE EROSION CONTROL ENLARGEMENT

SHEET NUMBER:
C-1.1

SEE SHEET C-1.1

SEE SHEET C-1.1

NORTH ATTLEBORO HIGH SCHOOL
2 STORY BRICK BUILDING

EXISTING BEAUPRE FIELD TO REMAIN AND BE PROTECTED

EROSION CONTROL INLET PROTECTION (TYP)

TEMPORARY PARKING LOT

QUONSET HUT

SHED

APPROXIMATE LIMIT OF NEW TREE LINE

APPROX. LOCATION OF EROSION CONTROL BARRIER (TYP)

LACROSSE FIELD

INFIELD AREA

REMOVE EXISTING TREES AND BRUSH WITHIN EXISTING STORMWATER BASIN (TYP)

DETENTION BASIN

APPROX LOCATION OF SAWCUT (TYP)

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT.

DORE + WHITTIER

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH

SHEET TITLE:
SITE EROSION CONTROL ENLARGEMENT

SHEET NUMBER:
C-1.2

SEE SHEET C-1.10

SEE SHEET C-1.10

SEE SHEET C-1.5

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

RELOCATE SCOREBOARD

DEMOLITION OF ELECTRIC LINES TO BE COORDINATED WITH MEP

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

REMOVE EXISTING TREES AND BRUSH WITHIN EXISTING STORMWATER BASIN (TYP)

SEE SHEET C-1.4

SEE SHEET C-1.4

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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Civil
No. 41596
REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE DEMOLITION ENLARGEMENT

SHEET NUMBER:

C-1.3

SEE SHEET C-1.5

SEE SHEET C-1.3

RELOCATE SCOREBOARD

DEMOLITION OF ELECTRIC LINES TO BE COORDINATED WITH MEP

ELECTRIC BOX TO BE RELOCATED (SEE MEP PLANS)

EXIST TELEPHONE LINE TO BE RELOCATED BY UTILITY CO. CM TO COORDINATE

SEE UTILITY PLANS FOR ADDITIONAL INFORMATION ON NEW UTILITIES CONNECTIONS FOR WATER/GAS AND SEWER SEE MEP PLANS FOR ELECTRICAL CONNECTIONS

EXIST TELEPHONE LINE TO BE RELOCATED BY UTILITY CO. CM TO COORDINATE

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

APPROX LOCATION OF SAWCUT (TYP)

EXIST FIRE HYDRANT TO BE REPLACED WITH WITH NEW HYDRANT

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

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PROJECT NUMBER: 24-0856

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REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE DEMOLITION ENLARGEMENT

SHEET NUMBER:

C-1.4

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

NORTH ATTLEBORO HIGH SCHOOL
2 STORY BRICK BUILDING

DELINEATION BETWEEN ORIGINAL SCHOOL BUILDING AND MODULAR CLASSROOMS

MODULAR CLASSROOMS

DEMOLITION OF ELECTRIC LINES TO BE COORDINATED WITH MEP

DEMOLITION OF ELECTRIC LINES TO BE COORDINATED WITH MEP

EXIST TELEPHONE LINE TO BE RELOCATED BY UTILITY CO. CM TO COORDINATE

BOULDER TO BE RELOCATED

4 CHARGING STATION PARKING SPACES

TEMPORARY PARKING LOT

R&D EXIST MAINTENANCE BUILDING INCLUDING THE CONCRETE FOUNDATION

QUONSET HUT

SHED

SHED

RELOCATE SCOREBOARD

EROSION CONTROL INLET PROTECTION (TYP)

SEE SHEET C-1.6

SEE SHEET C-1.9

SEE SHEET C-1.3

SEE SHEET C-1.4

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE
(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
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PROJECT NUMBER: 24-0856

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8/22/25

REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE DEMOLITION ENLARGEMENT

SHEET NUMBER:
C-1.5

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

EROSION CONTROL INLET PROTECTION (TYP)

HYDRANT TO BE REMOVED. INSTALL NEW HYDRANT IN LOCATION AS SHOWN ON C-4.1 SITE UTILITIES ENLARGEMENT

REMOVE EXISTING TREES AND BRUSH WITHIN EXISTING STORMWATER BASIN (TYP)

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

EROSION CONTROL INLET PROTECTION (TYP)

DEMOLITION OF ELECTRIC LINES TO BE COORDINATED WITH MEP

DELINEATION BETWEEN ORIGINAL SCHOOL BUILDING AND MODULAR CLASSROOMS

DEMOLITION OF ELECTRIC LINES TO BE COORDINATED WITH MEP

EXIST TELEPHONE LINE TO BE RELOCATED BY UTILITY CO. CM TO COORDINATE

BOULDER TO BE RELOCATED

NORTH ATTLEBORO MIDDLE SCHOOL
2 STORY BRICK BUILDING

34-111
N/F
INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
1664/147

NORTH ATTLEBORO HIGH SCHOOL
2 STORY BRICK BUILDING

MODULAR CLASSROOMS

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE
(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER
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Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

N (TRUE NORTH)

PROJECT NORTH

SHEET TITLE:

SITE DEMOLITION ENLARGEMENT

SHEET NUMBER:

C-1.6

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

MILLED AND REPAVED WITH A 1.5-INCH TOP COURSE. MATCH EXISTING ROAD GRADES

EROSION CONTROL INLET PROTECTION (TYP)

REMOVE & DISPOSE OF EXIST HC RAMP

FULL-DEPTH EXIST PAVEMENT REMOVAL AND REPLACEMENT

APPROXIMATE LIMIT OF TREE CLEARING

MAINTENANCE BUILDING SCOPE APPROX LOCATION OF EROSION CONTROL BARRIER (TYP) NOTE: ALL CBS TO BE PROVIDED WITH SILT SACKS AS PART OF BASE BID

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

OVERHEAD LINE AND POLES TO BE RELOCATED (SEE ELECTRICAL PLANS)

SEE SHEET C-1.8

SEE SHEET C-1.9

SEE SHEET C-1.6

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
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VERMONT
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P: (802) 863-1428

CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
10/9/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH

SHEET TITLE:

SITE DEMOLITION ENLARGEMENT

SHEET NUMBER:

C-1.7

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

LANDRY AVENUE (PUBLIC – 60' WIDE) (1969 TOWN LAYOUT) (PLAN BOOK 120 PAGES 66–68)

INSTALL EROSION CONTROL BARRIER ACROSS DRIVEWAY AT START OF DRIVEWAY DEMO (APPROX LOCATION, TYP)

EXIST PAVEMENT TO BE MILLED AND REPAVED WITH A 1.5–INCH TOP COURSE MATCH EXISTING ROAD GRADES

APPROX LOCATION OF SAWCUT ALONG NEW CURB BETWEEN NEW DRIVEWAY AND RECONSTRUCTED EXISTING DRIVEWAY (TYP)

28.4' MIN DISTANCE FROM WORK ALONG LANDRY AVENUE TO RESOURCE AREA

25' NO DISTURB ZONE (NDZ)

WETLAND SERIES A

INSTALL EROSION CONTROL BARRIER ACROSS NEW DRIVEWAY AT START OF DRIVEWAY CONSTRUCTION (APPROX LOCATION, TYP)

FULL–DEPTH EXIST PAVEMENT REMOVAL AND REPLACEMENT

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

APPROX LOCATION OF CONSTRUCTION ENTRANCE AT NEW HIGH SCHOOL ENTRANCE (SEE DETAILS)

100' BUFFER ZONE

EROSION CONTROL INLET PROTECTION (TYP)

CONSTRUCTION ENTRANCE TO BE INSTALLED DURING MIDDLE SCHOOL PARKING LOT CONSTRCUTION (SEE DETAILS)

OVERHEAD LINE AND POLES TO BE RELOCATED (SEE ELECTRICAL PLANS)

R&D IRRIGATION SYSTEM IN THIS AREA

WETLAND SERIES B

78.3' MIN DISTANCE FROM EROSION CONTROL TO RESOURCE AREA

35' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

EROSION CONTROL INLET PROTECTION (TYP)

SEE SHEET C–1.9

SEE SHEET C–1.8

INFIELD AREA

BATTING CAGE

BIT CONC PARKING & DRIVEWAY

B–BALL HOOP (TYPICAL)

BIT CONC DRIVEWAY

SPEED BUMP

CROSSWALK

GRANITE STEPS & LANDING

BIT CONC WALK

CONC WALK

BIKE RACKS

GRASS

SCC

VGC

SWL

D/L

GC

SIW

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C–1.0

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GRAPHIC SCALE

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

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PROJECT NUMBER: 24–0856

SEAL AND SIGNATURE:

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REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE DEMOLITION ENLARGEMENT

SHEET NUMBER:

C–1.8

SEE SHEET C-1.8

SEE SHEET C-1.7

SEE SHEET C-1.6

SEE SHEET C-1.5

78.3'
MIN DISTANCE FROM EROSION CONTROL TO RESOURCE AREA

WETLAND SERIES B

25' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

ZONING SETBACK

INFIELD AREA

GRASS

BATTING CAGE

GRAVEL WALK

PLAYGROUND EQUIPMENT

SCOREBOARD

ROCKS

SHED

SHIPPING CONTAINER

TRAILER

GRAVEL WALK

EROSION CONTROL INLET PROTECTION (TYP)

6"HDPE

DUGOUT

BLEACHERS

12"HDPE

GRAVEL AREA

GR=232.46

GR=231.19

R&D SCOREBOARD AND CONDUIT BACK TO SOURCE

R&D EXIST SHIPPING CONTAINERS (4) AND TRAILERS (2)

R&D IRRIGATION SHED INCLUDING ELECTRICAL AND IRRIGATION

DEMOLITION OF ELECTRIC LINES TO BE COORDINATED WITH MEP

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

JANICE LANE

BIT CONC PARKING & DRIVEWAY

BIT CONC WALK

CONC WALK

RAISED BIT CONC

SCG

VCG

SCG TO VCG TRANSITION

CC TO SLOPPED GC TRANSITION

CROSSWALK

1 STORY BRICK BUILDING

FFE=249.06

FFE=249.02

FFE=249.37

SCORE BOARD

ROCK

GATE

RUNNING TRACK SLOT DRAIN BY RECORD

6" PERFORATED PVC

GRAVEL

FFE=237.12

FFE=251.14

FFE=251.16

GR=246.38

GR=243.87

GR=243.88

GR=243.76

GR=243.80

RIM=244.18

12"RCP

24"RCP

8"PVC

8"W

8"S

8"G

8"GAS

CABLE BAND TO WOOD POST

SHIPPING CONTAINER

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

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CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE DEMOLITION ENLARGEMENT

SHEET NUMBER:

C-1.9

SEE SHEET C-1.9

SEE SHEET C-1.5

NORTH ATTLEBORO HIGH SCHOOL
2 STORY BRICK BUILDING

DEMOLITION OF ELECTRIC LINES TO BE COORDINATED WITH MEP

ALL ITEMS IN BOLD ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. SEE ELECTRICAL SITE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON ELECTRIC LINES TO BE DEMOLISHED.

DEMOLITION OF EXISTING ELECTRIC LINES TO BE COORDINATED WITH MEP

DELINEATION BETWEEN ORIGINAL SCHOOL BUILDING AND MODULAR CLASSROOMS

EROSION CONTROL INLET PROTECTION (TYP)

HYDRANT TO BE REMOVED. INSTALL NEW HYDRANT IN LOCATION AS SHOWN ON C-4.1 SITE UTILITIES ENLARGEMENT

EXISTING BEAUPRE FIELD TO REMAIN AND BE PROTECTED

RELOCATE STADIUM LIGHTING SHED, TRANSFORMER AND RELATED ELECTRICAL

RELOCATE SCOREBOARD

DEMOLITION OF

SEE SHEET C-1.4

SEE SHEET C-1.3

SEE SHEET C-1.3

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND DEMOLITION NOTES ON SHEET C-1.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 20 FT.

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH

SHEET TITLE:

SITE DEMOLITION ENLARGEMENT

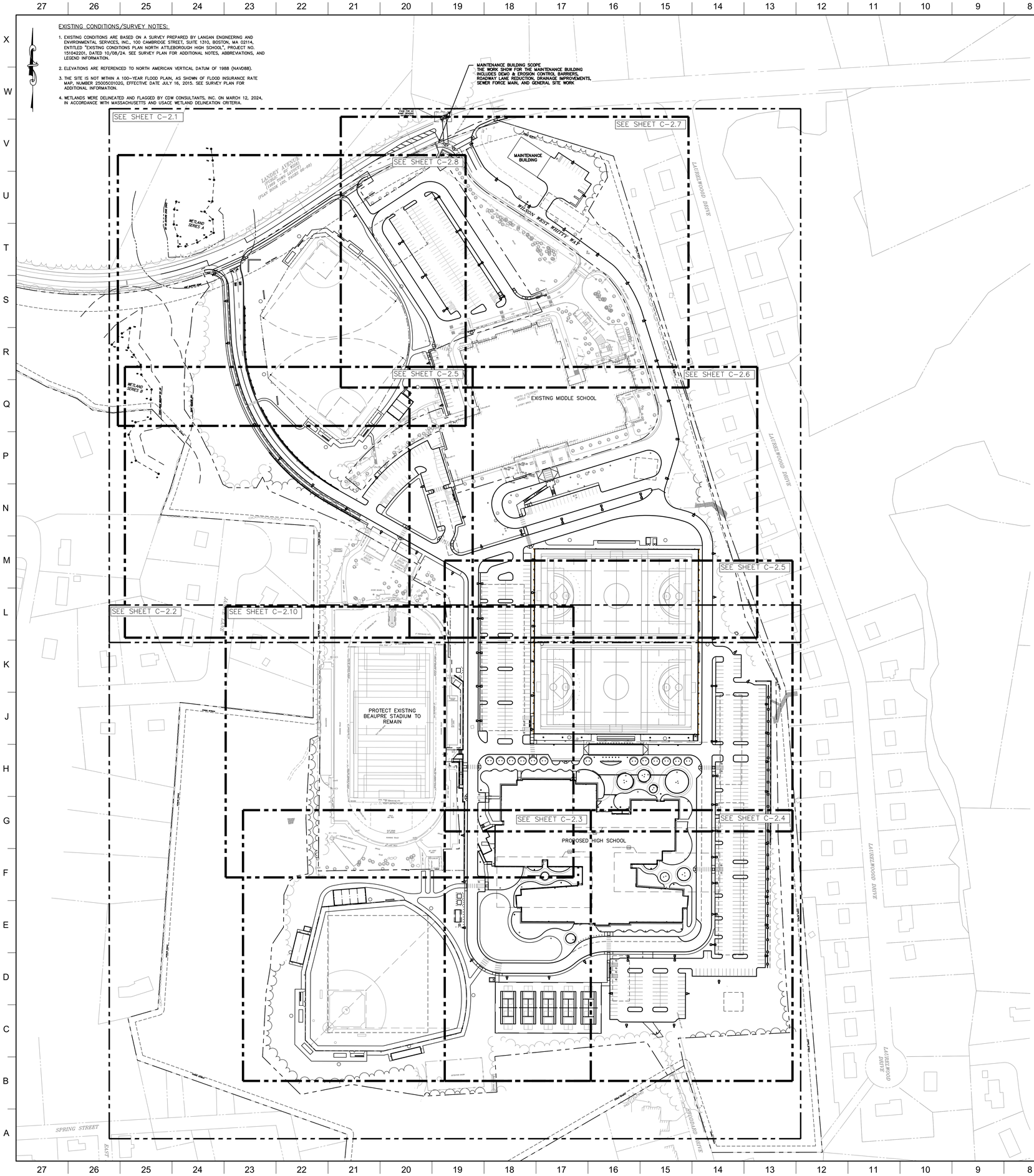
SHEET NUMBER:

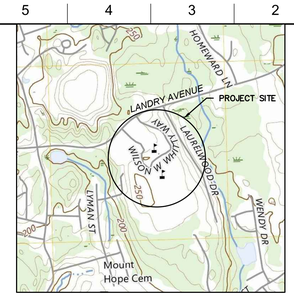
C-1.10

EXISTING CONDITIONS/SURVEY NOTES:

1. EXISTING CONDITIONS ARE BASED ON A SURVEY PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC., 100 CAMBRIDGE STREET, SUITE 1310, BOSTON, MA 02114, ENTITLED "EXISTING CONDITIONS PLAN NORTH ATTLEBOROUGH HIGH SCHOOL", PROJECT NO. 151042201, DATED 10/08/24. SEE SURVEY PLAN FOR ADDITIONAL NOTES, ABBREVIATIONS, AND LEGEND INFORMATION.
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAP, NUMBER 25005C0102G, EFFECTIVE DATE JULY 16, 2015. SEE SURVEY PLAN FOR ADDITIONAL INFORMATION.
4. WETLANDS WERE DELINEATED AND FLAGGED BY CDW CONSULTANTS, INC. ON MARCH 12, 2024, IN ACCORDANCE WITH MASSACHUSETTS AND USACE WETLAND DELINEATION CRITERIA.

MAINTENANCE BUILDING SCOPE
THE WORK SHOW FOR THE MAINTENANCE BUILDING INCLUDES DEMO & EROSION CONTROL BARRIERS, ROADWAY LANE REDUCTION, DRAINAGE IMPROVEMENTS, SEWER FORCE MAIN, AND GENERAL SITE WORK





LOCUS MAP
SCALE: 1"=1,000'

LAYOUT AND MATERIALS NOTES

1. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
2. REFER TO MEP PLANS OR OTHERS FOR SITE LIGHTING LOCATIONS AND DETAILS.
3. CONTRACTOR SHALL REPORT SIGNIFICANT CONFLICTS TO THE OWNER AND THE ENGINEER FOR RESOLUTION.
4. DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB. STANDARD PARKING SPACES ARE 9'x18'.
5. DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER. THE CONTRACTOR SHALL STAKE OUT BUILDING FROM THE LATEST ARCHITECTURAL DRAWINGS.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN SITE PLAN DIMENSIONS AND BUILDING PLANS BEFORE PROCEEDING WITH ANY PORTION OF SITE WORK WHICH MAY BE AFFECTED SO THAT PROPER ADJUSTMENTS TO THE SITE LAYOUT CAN BE MADE IF NECESSARY.
7. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAILS CONTIGUOUS TO THE BUILDING, LIGHTING, ENTRANCES, DOORWAY PADS, LOADING DOCK DETAILS, ETC.
8. ACCESSIBLE RAMPS SHALL BE PER MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE STRINGENT).
9. EACH HANDICAP PARKING SPACE SHALL BE PROVIDED WITH A SIGN SIX (6) FEET IN HEIGHT LOCATED AT THE BACK OF THE THE CURB. THE SIGN SHALL CONTAIN THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS DESCRIBED IN THE AMERICANS WITH DISABILITIES ACT, PUBLIC LAW 101–336, (SEE DETAILS).
10. PROTECT EXISTING PROPERTY MONUMENTS AND ABUTTING PROPERTIES DURING CONSTRUCTION ACTIVITIES.
11. ALL SITE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE TOWN OF NORTH ATTLEBOROUGH PUBLIC WORKS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LEGAL REMOVAL AND DISPOSAL OF ALL DEBRIS FROM THE SITE AND AS MAY BE DIRECTED BY THE A/E.
13. ALL FENCING AND GATES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS DIRECTION, SEE LA PLANS FOR DETAILS.
14. THE SITE CONTRACTOR SHALL SAW CUT AND MATCH ALL EXISTING ROAD PAVEMENT AS REQUIRED TO SET NEW CURBING AND CONSTRUCT NEW UTILITIES IN THE STREET.
15. SEE LANDSCAPE PLANS FOR ALL PLANTING INFORMATION AS WELL AS ADDITIONAL LAYOUT AND MATERIAL INFORMATION.
16. SEE DEMOLITION SHEET C–1.0 AND DETAIL SHEET C–5.0 FOR EROSION CONTROL NOTES.
17. WHERE CURBING ABRUPTLY ENDS, PROVIDE A TRANSITION CURB TO A FLUSH CONDITION WITH THE PROPOSED SURFACE/GRADES, SEE CONSTRUCTION DETAILS.
18. ALL EXISTING CROSSWALKS TO REMAIN SHALL BE BE REPAINTED.
19. PAVEMENT MARKINGS NOT BEING REPAINTED IN PLACE, OR ARE IN A DIFFERENT LOCATION THAN THE NEW PROPOSED MARKINGS SHALL BE REMOVED BY GRINDING OR WATER BLASTING. COVERING UP OR BLACKING OUT EXISTING MARKINGS SHALL ONLY BE ALLOWED IF APPROVED BY THE OWNER'S PROJECT MANAGER OR THE TOWN.

ZONING TABLE

ZONING REGULATIONS REQUIREMENTS	REQUIRED	PROVIDED
MINIMUM LOT SIZE	15,000 SF	72.4± ACRES 3,153,576 SF
MINIMUM LOT FRONTAGE	120 FT	1,472 FT
MINIMUM LOT WIDTH	120 FT	945± FT
BUILDING SETBACK FRONT YARD SIDE YARD REAR YARD	 40 FT 15 FT 15 FT	 460± FT 275± FT 340± FT
MAXIMUM BUILDING HEIGHT	30 FT/2½ STORIES	46 FT/3 STORIES
MAX BUILDING COVERAGE %	25%	7.08%
MIN OPEN SPACE %	60%	53.6±%

ZONING DISTRICT: R–15, RESIDENTIAL DISTRICT
PROPOSED USE: PUBLIC SCHOOL

LEGEND

EXISTING		PROPOSED
	GRANITE BOUND FOUND	
	UTILITY POLE	
	GUY WIRE	
	GUY POLE	
	SIGN	
	POST	
	BOLLARD	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
G	UNDERGROUND GAS LINE	G
W	UNDERGROUND WATER LINE	W
E	UNDERGROUND ELECTRIC LINE	E
S	UNDERGROUND SEWER LINE	S
D	UNDERGROUND DRAIN LINE	D
	DRAIN MANHOLE (DMH)	
	SEWER MANHOLE (SMH)	
	CATCH BASIN (CB)	
	GAS/WATER GATE	
	HYDRANT	
	BUSH	
	LOCUS PROPERTY LINE (±)	
	ADJOINERS PROPERTY LINE (±)	
OHW	OVERHEAD WIRE	
	TREELINE	
#	HISTORIC UTILITY LINE (G/W/E/S/D)	
	HISTORIC BUILDING LOCATION	
	MAJOR CONTOUR LINE	255
	MINOR CONTOUR LINE	254
	FENCE	X
	GUARD RAIL	

ABBREVIATIONS

BIT CONC	BITUMINOUS CONCRETE
CONC	CONCRETE
HDPE	HIGH–DENSITY POLYETHYLENE
EOP	EDGE OF PAVEMENT
VCC	VERTICAL GRANITE CURB
PCC	PRECAST CONCRETE CURB
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
TYP	TYPICAL
CO	CLEAN OUT
RIM	RIM ELEVATION
INV	INVERT ELEVATION
R&D	REMOVE AND DEMOLISH
HC	HANDICAP RAMP
VE	VERTICAL ELLIPTICAL
TC/BC	TOP OF CURB/BOTTOM OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL (SURFACE GRADE)
BS	BACK OF SIDEWALK
SSD	SUB SOIL DRAIN
LA	LANDSCAPE ARCHITECT
UD	UNDER DRAIN / SUB DRAIN

APPLICANT: TOWN OF NORTH ATTLEBOROUGH
RECORD OWNER: INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34–110 (2493/164)
PARCEL 33–129 (852/221)
PARCEL 33–65 (1664/146)
PARCEL 34–111 (1664/147)
PARCEL 33–130 (1114/156 & 1044/258)

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GRAPHIC SCALE
80 0 40 80 160 320
(IN FEET)
1 INCH = 80 FT.

DORE + WHITTIER
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1 Wilson West Whitty Way
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PROJECT NUMBER: 24–0856

SEAL AND SIGNATURE:
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ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
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12/19/2025

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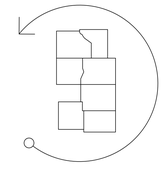
KEY PLAN



ORIENTATION AND SCALE:
N TRUE NORTH
PROJECT NORTH

SHEET TITLE:
OVERALL SITE LAYOUT & MATERIALS

SHEET NUMBER:
C–2.0

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

MAINTENANCE BUILDING SCOPE
THE WORK SHOW FOR THE MAINTENANCE BUILDING INCLUDES DEMO & EROSION CONTROL BARRIERS, ROADWAY LANE REDUCTION, DRAINAGE IMPROVEMENTS, SEWER FORCE MAIN, AND GENERAL SITE WORK

SEE INSET THIS PAGE FOR HC RAMP GRADING INFORMATION

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND TRAFFIC LIGHTS DETAILS AND INFORMATION

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND TRAFFIC LIGHTS DETAILS AND INFORMATION

LANDRY AVENUE (PUBLIC – 60' WIDE) (1969 TOWN LAYOUT) (PLAN BOOK 120, PAGES 66-68)

LAURELWOOD DRIVE

JANICE LANE

MAINTENANCE BUILDING

UNDERGROUND STORMWATER CHAMBER SYSTEM UG–4 (SEE GRADING & DRAINAGE PLANS)

FOR REFERENCE: EXISTING EDGE OF PAVEMENT NOT INCLUDED IN MAINTENANCE BUILDING SCOPE

FOR REFERENCE: PROPOSED EDGE OF PAVEMENT NOT INCLUDED IN MAINTENANCE BUILDING SCOPE

APPROX LOCATION OF EXISTING UNDERGROUND STORMWATER SYSTEM TO REMAIN

SNOW STORAGE AREA

APPROX LIMIT OF WORK (TYP)

BOLLARD MOUNTED HC SIGNS (TYP. 2) SEE DETAILS

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

HC RAMP

10' WIDE CROSSWALK (TYP)

6' WIDE CONCRETE SIDEWALK

GRASS

WETLAND SERIES A

WETLAND SERIES B

25' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

HIGH SCHOOL ENTRANCE/EXIT

SOFTBALL FIELD (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

5' WIDE CROSSWALK (TYP)

GUARDRAIL (TYP)

NORTH ATTLEBORO MIDDLE SCHOOL
2 STORY BRICK BUILDING

EXISTING MIDDLE SCHOOL

20' WIDE RAISED CROSSWALK

VEHICULAR GATE (TYP) SEE LA PLANS

5' WIDE CONCRETE SIDEWALK

BOLLARD MOUNTED HC SIGNS (TYP. 3) SEE DETAILS

UNDERGROUND STORMWATER CHAMBER SYSTEM UG–2 (SEE GRADING & DRAINAGE PLANS)

LIMIT OF BIT CONC SIDEWALK

10' WIDE BIT CONC SIDEWALK

8' WIDE BIT CONC SIDEWALK

4' WIDE CONCRETE SIDEWALK

10' WIDE CONCRETE SIDEWALK

8.25' WIDE CONCRETE SIDEWALK

SYNTHETIC TURF FIELDS (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

UNDERGROUND STORMWATER CHAMBER SYSTEM UG–3 (SEE GRADING & DRAINAGE PLANS)

RELOCATED BOULDER SEE LA PLANS

TRANSFORMER FOR LIGHTING (SEE ELECTRICAL PLANS)

SEE SHEET C–2.2

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C–2.0

GRAPHIC SCALE

(IN FEET)
1 INCH = 40 FT.

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:

C–2.1

SEE SHEET C-2.1

PROTECT EXISTING BEAUPRE STADIUM TO REMAIN

10' WIDE CONCRETE SIDEWALK

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

TRANSFORMER FOR LIGHTING (SEE ELECTRICAL PLANS)

APPROX LOCATION OF RELOCATED STADIUM LIGHTING SHED (SEE LANDSCAPE AND ELECTRICAL PLANS)

CONCRETE STAIRS (SEE LA PLANS)

HC RAMP

10' WIDE CROSSWALK

HC RAMP

6' WIDE CONCRETE SIDEWALK

3'± HIGH RETAINING WALL

APPROX LIMIT OF WORK

381'-5 1/2"

APPROX LOCATION OF RELOCATED SCOREBOARD (SEE LA PLANS)

GRASS

HC RAMP

BASEBALL FIELD (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

SPORTS LIGHTING PACKAGE. REFER TO NOTES ABOVE FOR ADDITIONAL INFORMATION.

TRANSFORMERS (SEE MEP AND UTILITIES PLANS)

GENERATOR (SEE MEP AND UTILITIES PLANS)

6" PROTECTIVE BOLLARDS AROUND TRANSFORMERS AND GENERATOR 5' ON CENTER (TYP) SEE MEP PLANS

6' WIDE CONCRETE SIDEWALK

GRASS

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

HC RAMP

TENNIS STORAGE CONTAINER (SEE LA PLANS)

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-9 (SEE GRADING & DRAINAGE PLANS)

GRASS

DETENTION BASIN

SPORTS LIGHTING FIXTURES. REFER TO E0.33 FOR ADDITIONAL INFORMATION.

SYNTHETIC TURF FIELDS (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

PROPOSED UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-5 (SEE GRADING & DRAINAGE PLANS)

BOLLARD MOUNTED HC SIGNS (TYP,3) SEE DETAILS

8.75' WIDE CONCRETE SIDEWALK

10' WIDE CROSSWALK

HC RAMP

RAISED CROSSWALK

(SEE LA PLANS)

HC RAMP

GRASS

HC RAMP

6' WIDE CONCRETE SIDEWALK

BOLLARD MOUNTED HC SIGNS (TYP,2) SEE DETAILS

GRASS

ARRIVAL COURT (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

GRASS

PROPOSED HIGH SCHOOL
THREE-STORY
226,740 SF

LOADING AREA

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-6 (SEE GRADING & DRAINAGE PLANS)

GRASS

BOLLARD MOUNTED HC SIGNS (TYP,2) SEE DETAILS

10' WIDE CROSSWALK

HC RAMP

DINING PLAZA (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

ENTRY PLAZA (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

GRASS

HC RAMP

BOLLARD MOUNTED HC SIGNS (TYP,2) SEE DETAILS

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

127'-10 1/4"

HC RAMP

10' WIDE CROSSWALK

SLOPED GRANITE CURB

(SEE LA PLANS)

GRASS

(SEE LA PLANS)

GRASS

BUS DROP-OFF AREA

GRASS

GUARDRAIL

15' WIDE CROSSWALK

15' WIDE CROSSWALK

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-8 (SEE GRADING & DRAINAGE PLANS)

BOLLARD MOUNTED HC SIGNS (TYP,4) SEE DETAILS

GRASS

TENNIS COURTS (SEE LA PLANS)

157'-10 1/2"

SNOW STORAGE AREA

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-7 (SEE GRADING & DRAINAGE PLANS)

GRASS

APPROX LIMIT OF WORK

SEE SHEET C-2.1

RELOCATED BOULDER SEE LA PLANS

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

8'± RETAINING WALL W/FENCE (HEIGHT VARIES)

HC RAMP

BOLLARD MOUNTED HC SIGNS (TYP,2) SEE DETAILS

GRASS

ZONING SETBACK

JOHNSON STREET

STODDARD DRIVE

EAST SPRING STREET

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT.

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

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SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:

C-2.2

APPROX LIMIT OF WORK

PERFORATED PVC

SLOT DRAIN BY RECORD

THROWING CIRCLE

APPROX LOCATION OF RELOCATED SCOREBOARD (SEE LA PLANS)

3'± HIGH RETAINING WALL

6' WIDE CONCRETE SIDEWALK

FFE=249.29

FFE=249.22

FFE=249.0

GRASS

BIT CONC PAVEMENT

HC RAMP

TRANSFORMERS (SEE MEP AND UTILITIES PLANS)

GENERATOR (SEE MEP AND UTILITIES PLANS)

6" PROTECTIVE BOLLARDS AROUND TRANSFORMERS AND GENERATOR 5' ON CENTER (TYP) SEE MEP PLANS

BASEBALL FIELD (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-9 (SEE GRADING & DRAINAGE PLANS)

GRASS

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

HC RAMP

TENNIS STORAGE CONTAINER (SEE LA PLANS)

GRASS

6' WIDE CONCRETE SIDEWALK

15' WIDE CROSSWALK

15' WIDE CROSSWALK

VGC

BIT CONC PAVEMENT

6' WIDE CONCRETE SIDEWALK

TENNIS COURTS (SEE LA PLANS)

BOLLARD MOUNT

GRASS

LOADING AREA

HC RAMP

BOLLARD MOUNTED HC SIGNS (TYP.2) SEE DETAILS

DINING PLAZA (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

GRASS

(SEE LA PLANS)

GRASS

ENLARGEMENT PLAN 1

PROPOSED H

3 L2.08 ENLARGEMENT PLAN 3

SEE SHEET C-2.5

SEE SHEET C-2.4

10' WI CROSSWALK

HC R

SEE SHEET C-2.4

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
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P: (802) 863-1428

CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:
C-2.3

PROPOSED HIGH SCHOOL

SEE SHEET C-2.5

SEE SHEET C-2.3

GRASS

RETAINING WALL

LOADING AREA

BIT CONC PAVEMENT

HC RAMP

DINING PLAZA
(SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

BOLLARD MOUNTED HC SIGNS (TYP.2)
SEE DETAILS

ENTRY PLAZA
(SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

LIGHT POLE (TYP)
(SEE LIGHTING PLAN)

10' WIDE CROSSWALK

(SEE LA PLANS)

SLOPED GRANITE CURB

BUS DROP-OFF AREA

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-8
(SEE GRADING & DRAINAGE PLANS)

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-6
(SEE GRADING & DRAINAGE PLANS)

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-7
(SEE GRADING & DRAINAGE PLANS)

15' WIDE CROSSWALK

BOLLARD MOUNTED HC SIGNS (TYP.4)
SEE DETAILS

TENNIS COURTS
(SEE LA PLANS)

TENNIS STORAGE CONTAINER
(SEE LA PLANS)

BIT CONC PAVEMENT (TYP)

SNOW STORAGE AREA

GUARDRAIL

APPROX LIMIT OF WORK

PCC

VGC

18' (TYP)

24' (TYP)

9' (TYP)

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

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KEY PLAN

ORIENTATION AND SCALE:

TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:
C-2.4

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

SEE SHEET C-2.6

SEE SHEET C-2.3

SEE SHEET C-2.4

LIMIT OF BIT CONC SIDEWALK

GRASS

BIT CONC PAVEMENT

PCC

SYNTHETIC TURF FIELDS (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-3 (SEE GRADING & DRAINAGE PLANS)

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-5 (SEE GRADING & DRAINAGE PLANS)

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-6 (SEE GRADING & DRAINAGE PLANS)

BOLLARD MOUNTED HC SIGNS (TYP.3) SEE DETAILS

BOLLARD MOUNTED HC SIGNS (TYP.2) SEE DETAILS

10' WIDE CROSSWALK

8' WIDE CONC SIDEWALK

6' WIDE CONCRETE SIDEWALK

VGC

HC RAMP

BIT CONC PAVEMENT

RAISED CROSSWALK

(SEE LA PLANS)

ARRIVAL COURT (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

GRASS

RETAINING WALL

LOADING AREA

8'± RETAINING WALL W/FENCE (HEIGHT VARIES)

RELOCATED BOULDER SEE LA PLANS

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

ZONING SETBACK

PROPOSED HIGH SCHOOL

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

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North Attleborough High School

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North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/22/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:

C-2.5

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

EXISTING MIDDLE SCHOOL

SEE SHEET C-2.8

SEE SHEET C-2.7

SEE SHEET C-2.9

SEE SHEET C-2.5

SEE SHEET C-2.5

BOLLARD MOUNTED HC SIGNS (TYP, 2) SEE DETAILS

APPROX LIMIT OF WORK (TYP)

MIDDLE SCHOOL BUS DROP-OFF AREA

20' WIDE RAISED CROSSWALK

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-4 (SEE GRADING & DRAINAGE PLANS)

BIT CONC PAVEMENT

HC RAMP

10' WIDE CROSSWALK

BOLLARD MOUNTED HC SIGNS (TYP,3) SEE DETAILS

BOLLARD MOUNTED HC SIGNS (TYP) SEE DETAILS

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-2 (SEE GRADING & DRAINAGE PLANS)

8' WIDE BIT CONC SIDEWALK

LIMIT OF BIT CONC SIDEWALK

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

SYNTHETIC TURF FIELDS (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-3 (SEE GRADING & DRAINAGE PLANS)

RELOCATED BOULDER SEE LA PLANS

ZONING SETBACK

6" PERFORATED PVC

BY RECORD

GRASS

SNOW STORAGE AREA

FFE=236.46

FFE=237.12

FFE=251.14

FFE=251.16

FFE=251.17

FFE=251.05

FFE=248.87

FFE=248.88

FFE=245.35

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

GRAPHIC SCALE

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

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North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

ERIC S. WILHELMSEN CIVIL No. 41596 REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

NO.	DATE	TITLE

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SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:

C-2.6

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND TRAFFIC LIGHTS DETAILS AND INFORMATION

HC RAMP

HC RAMP

HC RAMP

10' WIDE CROSSWALK (TYP)

ZONING SETBACK

ZONING SETBACK

ZONING SETBACK

SEE SHEET C-2.8

GRASS

VGC

PCC

UNDERGROUND STORMWATER CHAMBER SYSTEM UGI-A (SEE GRADING & DRAINAGE PLANS)

APPROX LOCATION OF EXISTING UNDERGROUND STORMWATER SYSTEM TO REMAIN

BIT CONC PAVEMENT

SNOW STORAGE AREA

APPROX LIMIT OF WORK (TYP)

BOLLARD MOUNTED HC SIGNS (TYP, 2) SEE DETAILS

BOLLARD MOUNTED HC SIGNS (TYP, 3) SEE DETAILS

10' WIDE CONC SIDEWALK

6' WIDE CONC SIDEWALK

10' WIDE CROSSWALK (TYP)

MIDDLE SCHOOL PARENT DROP-OFF AREA

LANE

FIRE

ONE WAY

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

FFE=236.41

FFE=236.43

FFE=245.35

FFE=248.86

FFE=248.87

SEE SHEET C-2.6

SEE SHEET C-2.9

EXISTING MIDDLE SCHOOL

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/22/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:

C-2.7

LANDRY AVENUE
(PUBLIC – 60' WIDE)
(1969 TOWN LAYOUT)
(PLAN BOOK 120, PAGES 66-68)

WETLAND SERIES A

25' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

1A 2A 3A 4A 5A 6A 7A 8A 9A 10A 11A 12A 13A 14A

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND TRAFFIC LIGHTS DETAILS AND INFORMATION

VGC

6' WIDE CONC SIDEWALK

HC RAMP

ZONING SETBACK

10' WIDE CROSSWALK

HIGH SCHOOL ENTRANCE/EXIT

R35'

R117'

ONLY

36'

GRASS

SCHOOL

WETLAND SERIES B

12B 13B 11B 10B 9B 8B 7B 6B 5B 4B 3B

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

APPROX LIMIT OF WORK (TYP)

R300'

24'

R457'

5' WIDE CROSSWALK (TYP)

SOFTBALL FIELD (SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

10' WIDE CROSSWALK (TYP)

R30'

R50'

R10'

R5'

R26'

R25'

R20'

BIT CONC PAVEMENT

10' WIDE CONC SIDEWALK

6' WIDE CONC SIDEWALK

18' (TYP)

9' (TYP)

29 32 33

BOLLARD MOUNTED HC SIGNS (TYP, 2) SEE DETAILS

R240'

R45'

R35'

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

GRAPHIC SCALE

45 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

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VERMONT
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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
10/21

REVISIONS:

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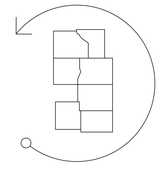
KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:

C-2.8

SEE SHEET C-2.8

SEE SHEET C-2.7

SEE SHEET C-2.6

SEE SHEET C-2.5

APPROX LIMIT OF WORK (TYP)

WETLAND SERIES B

25' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

ZONING SETBACK

5' WIDE CROSSWALK (TYP)

GUARDRAIL (TYP)

BIT CONC PAVEMENT

GRASS

VGC

PCC

BOLLARD MOUNTED HC SIGNS (TYP. 2) SEE DETAILS

HC RAMP

10' WIDE CROSSWALK

SNOW STORAGE AREA

PROPOSED UNDERGROUND STORMWATER CHAMBER SYSTEM UG-2 (SEE GRADING & DRAINAGE PLANS)

LIMIT OF BIT CONC SIDEWALK

10' WIDE BIT CONC SIDEWALK

8' WIDE BIT CONC SIDEWALK

SLOT DRAIN BY RECORD

8" PERFORATED PVC

6" PERFORATED PVC

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

JANICE LANE

FFE=237.12

FFE=251.14

FFE=251.16

FFE=249.06

FFE=249.02

FFE=249.37

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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ERIC S. WILHELMSEN
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REGISTERED PROFESSIONAL ENGINEER
12/22/25

REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE LAYOUT & MATERIALS ENLARGEMENT

SHEET NUMBER:

C-2.9

LIGHT POLE (TYP)
(SEE LIGHTING PLAN)

TRANSFORMER FOR LIGHTING
(SEE ELECTRICAL PLANS)

APPROX LOCATION OF RELOCATED STADIUM LIGHTING SHED
(SEE LANDSCAPE AND ELECTRICAL PLANS)

CONCRETE STAIRS
(SEE LA PLANS)

HC RAMP

10' WIDE CROSSWALK

3'± HIGH RETAINING WALL

APPROX LIMIT OF WORK

APPROX LOCATION OF RELOCATED SCOREBOARD (SEE LA PLANS)

ZONING SETBACK

GOAL POST

THROWING CIRCLE

FFE=249.29

FFE=249.22

GRASS

BIT CONC PAVEMENT

PCC

VGC

24'

18' (TYP)

9' (TYP)

R4.5'

R25'

BOLLARD-MOUNTED HC SIGNS (TYP.3) SEE DETAILS

VGC

HC RAMP

(SEE LA PLANS)

HC RAMP

GRASS

HC RAMP

6' WIDE CONCRETE SIDEWALK

BOLLARD MOUNTED HC SIGNS (TYP.2) SEE DETAILS

GRASS

LOADING AREA

PROP

DINING PLAZA
(SEE LA PLANS FOR LAYOUT AND MATERIALS INFORMATION)

GRASS

HC RAMP

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND LAYOUT NOTES ON SHEET C-2.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

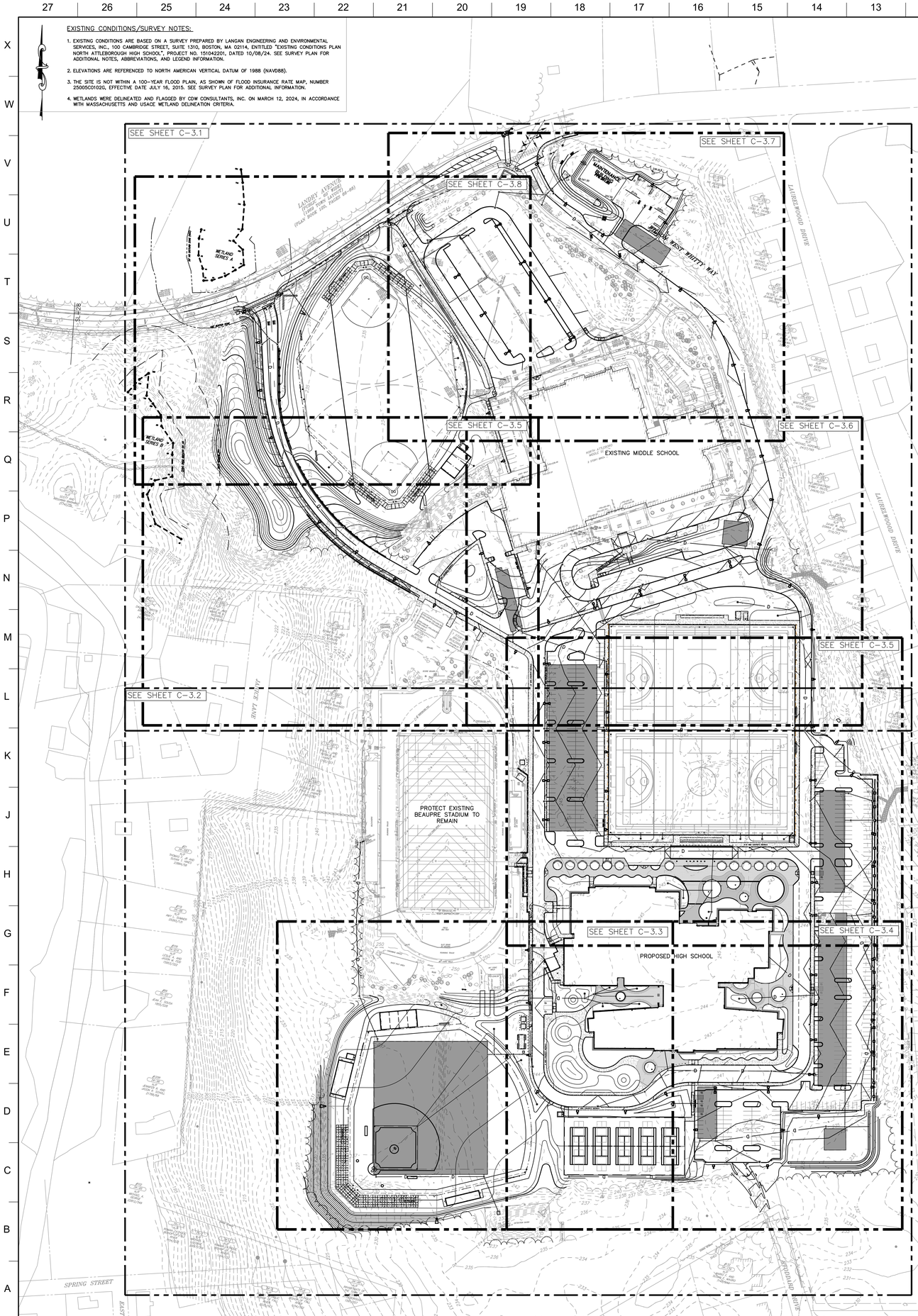
SITE LAYOUT & MATERIALS ENLARGEMENT

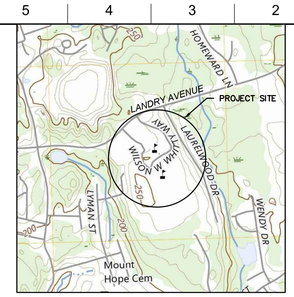
SHEET NUMBER:

C-2.10

EXISTING CONDITIONS/SURVEY NOTES:

1. EXISTING CONDITIONS ARE BASED ON A SURVEY PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC., 100 CAMBRIDGE STREET, SUITE 1310, BOSTON, MA 02114, ENTITLED "EXISTING CONDITIONS PLAN NORTH ATTLEBOROUGH HIGH SCHOOL", PROJECT NO. 151042201, DATED 10/08/24. SEE SURVEY PLAN FOR ADDITIONAL NOTES, ABBREVIATIONS, AND LEGEND INFORMATION.
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAP, NUMBER 25005C0102G, EFFECTIVE DATE JULY 16, 2015. SEE SURVEY PLAN FOR ADDITIONAL INFORMATION.
4. WETLANDS WERE DELINEATED AND FLAGGED BY CDW CONSULTANTS, INC. ON MARCH 12, 2024, IN ACCORDANCE WITH MASSACHUSETTS AND USACE WETLAND DELINEATION CRITERIA.





LOCUS MAP
SCALE: 1"=1,000'

GRADING AND DRAINAGE NOTES

1. ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND THE DESIGNER PRIOR TO ANY SITE WORK WHICH WOULD BE AFFECTED.
2. ALL ALL DRAINAGE PIPES WITHIN THE SITE SHALL BE HDPE UNLESS OTHERWISE NOTED.
3. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
4. ALL SITE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE CITY OF NORTH ATTLEBOROUGH PUBLIC WORKS.
5. CONTRACTOR SHALL GRADE AND CONSTRUCT ALL ACCESSIBLE HANDICAP RAMPS IN ACCORDANCE WITH THE MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE STRINGENT). SEE CONSTRUCTION DETAILS FOR SLOPE AND DIMENSIONAL REQUIREMENTS.
6. AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS SHOWN ON THE PLANS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.CONTRACTOR SHALL INSTALL SILT SACKS ON DOWN STREAM CATCH BASINS. PRIOR TO INSTALLING A SILT SACK THE CONTRACTOR SHALL CLEAN OUT THE SUMP OF THE CATCH BASIN.
7. ALL NEW CATCH BASINS TO BE PROVIDED WITH SILT SACKS FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
8. THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE DESIGNER. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.
9. CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.
10. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
11. ALL UTILITY COVERS, GRATES, ETC. TO REMAIN SHALL BE ADJUSTED TO BE FLUSH WITH THE FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS FOR STRUCTURES AND MANHOLES ARE APPROXIMATE.
12. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
13. PITCH EVENLY BETWEEN SPOT GRADES. GRADE ALL AREAS TO DRAIN.
14. SEE LA DRAWINGS FOR GRADING, CONTOURS, SPOT GRADES, AND GENERAL LAYOUT AND MATERIALS INFORMATION FOR GENERAL SITE AREAS AS INDICATED ON THE PLANS.
15. THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDLING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH SUBGRADE. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.
16. EXISTING TREES AND SHRUBS OUTSIDE THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON PRIOR APPROVAL OF THE OWNER.
17. THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL BARRIERS AFTER RE-VEGETATION OF DISTURBED AREAS AND AFTER APPROVAL OF THE DESIGNER AND OWNER. SEE ADDITIONAL EROSION CONTROL NOTES ON DEMOLITION SHEET C-1.0 AND DETAIL SHEET C-5.0.
18. ALL UNDER DRAIN LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO COORDINATE LOCATIONS OF THE UNDER DRAINS WITH THE SURFACE EQUIPMENT TO BE INSTALLED TO AVOID CONFLICTS. SEE LA DRAWINGS FOR SURFACE EQUIPMENT LOCATIONS AND DETAILS.
20. SEE EXISTING CONDITIONS SURVEY, FOR SIZES AND TYPES OF EXISTING UTILITY LINES/MAINS, SERVICES, AND STRUCTURES NOT LABELED HEREON.
21. NEW SEWER AND DRAIN CONNECTIONS MUST BE CORED AND ATTACHED WITH AN INSERT-A-TEE OR APPROVED EQUAL IF FACTORY WYE IS NOT AVAILABLE.
22. PIPE LENGTHS AND SLOPES ARE BASED ON CENTER TO CENTER LENGTHS AND SLOPES.

LEGEND

EXISTING		PROPOSED
⊡	GRANITE BOUND FOUND	
	UTILITY POLE	
	GUY WIRE	
	GUY POLE	
	SIGN	
	POST	
	BOLLARD	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
G	UNDERGROUND GAS LINE	G
W	UNDERGROUND WATER LINE	W
E	UNDERGROUND ELECTRIC LINE	E
S	UNDERGROUND SEWER LINE	S
D	UNDERGROUND DRAIN LINE	D
	DRAIN MANHOLE (DMH)	
	SEWER MANHOLE (SMH)	
	CATCH BASIN (CB)	
	GAS/WATER GATE	
	HYDRANT	
	BUSH	
	LOCUS PROPERTY LINE (±)	
	ADJOINERS PROPERTY LINE (±)	
OHW	OVERHEAD WIRE	
	TREELINE	
#	HISTORIC UTILITY LINE (G/W/E/S/D)	
	HISTORIC BUILDING LOCATION	
	MAJOR CONTOUR LINE	255
	MINOR CONTOUR LINE	254
	FENCE	X
	GUARD RAIL	

ABBREVIATIONS

BIT CONC	BITUMINOUS CONCRETE
CONC	CONCRETE
HDPE/CONC	HIGH-DENSITY POLYETHYLENE
EP/EC	EDGE OF PAVEMENT
VGC/GC	VERTICAL GRANITE CURB
PCC/CC	PRECAST CONCRETE CURB
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
TYP	TYPICAL
CO	CLEAN OUT
RIM	RIM ELEVATION
INV	INVERT ELEVATION
R&D	REMOVE AND DEMOLISH
HC	HANDICAP RAMP
VEC	VERTICAL ELLIPTICAL
TOC/BC	TOP OF CURB/BOTTOM OF CURB
TW	TOP OF WALL
BOW/BC	BOTTOM OF WALL (SURFACE GRADE)
BW	BACK OF SIDEWALK
SSD	SUB SOIL DRAIN
LA	LANDSCAPE ARCHITECT
UD	UNDER DRAIN / SUB DRAIN

APPLICANT: TOWN OF NORTH ATTLEBOROUGH
RECORD OWNER: INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (1664/146)
PARCEL 34-111 (1664/147)
PARCEL 33-130 (1114/156 & 1044/258)

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GRAPHIC SCALE
80 0 40 80 160 320
(IN FEET)
1 INCH = 80 FT.

DORE + WHITTIER
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CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/22/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
SITE PERMITTING PACKAGE
12/19/2025

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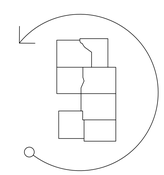
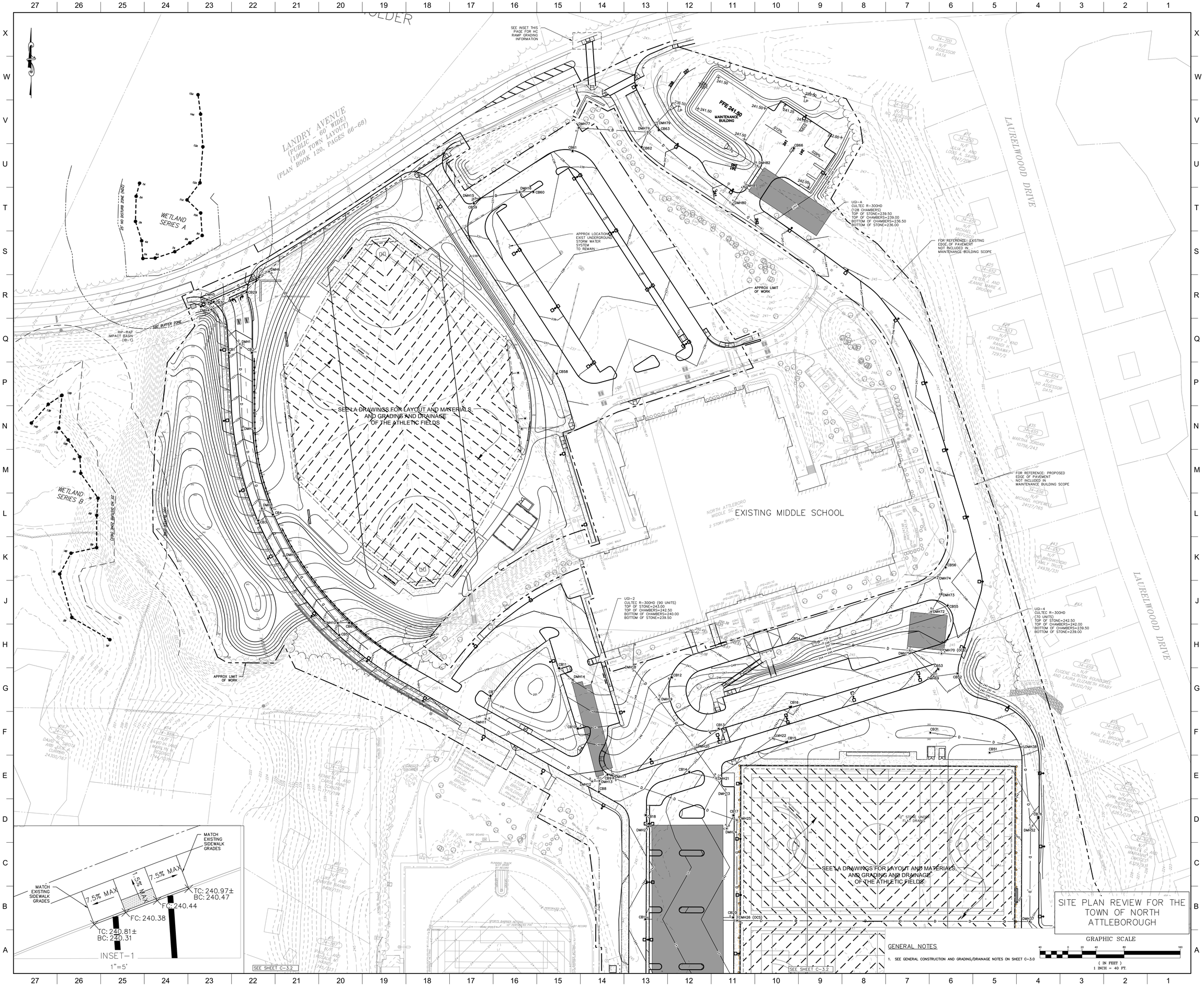
KEY PLAN



ORIENTATION AND SCALE:
N TRUE NORTH
PROJECT NORTH

SHEET TITLE:
OVERALL SITE GRADING & DRAINAGE

SHEET NUMBER:
C-3.0



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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

ERIC S. WILHELMSEN CIVIL No. 41596 REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH

SHEET TITLE:

SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:

C-3.1

PROTECT EXISTING BEAUPRE STADIUM TO REMAIN

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE OF THE ATHLETIC FIELDS

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE AROUND THE PROPOSED BUILDING

PROPOSED HIGH SCHOOL

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE OF THE ATHLETIC FIELDS

CONNECT EXIST PIPE FROM FIELD TO DRAINAGE SYSTEM INV=243.33±

CONNECT EXIST PIPE FROM FIELD TO DRAINAGE SYSTEM INV=239.50±

APPROX LIMIT OF WORK

ROOF DRAIN AT FOUNDATION (SEE MEP PLAN)

UG-1
CULTEC R-300HD (1,008 UNITS)
TOP OF STONE=239.50
TOP OF CHAMBERS=239.00
BOTTOM OF CHAMBERS=236.50
BOTTOM OF STONE=236.00

UG-2
CULTEC R-300HD (308 UNITS)
TOP OF STONE=238.40
TOP OF CHAMBERS=237.90
BOTTOM OF CHAMBERS=235.40
BOTTOM OF STONE=234.90

UG-5
CULTEC R-300HD (308 UNITS)
TOP OF STONE=238.40
TOP OF CHAMBERS=237.90
BOTTOM OF CHAMBERS=235.40
BOTTOM OF STONE=234.90

UG-6
CULTEC R-300HD (600 UNITS)
TOP OF STONE=238.50
TOP OF CHAMBERS=238.00
BOTTOM OF CHAMBERS=235.50
BOTTOM OF STONE=235.00

UG-7
CULTEC R-300HD (54 UNITS)
TOP OF STONE=235.90
TOP OF CHAMBERS=235.40
BOTTOM OF CHAMBERS=232.90
BOTTOM OF STONE=232.40

UG-8
CULTEC R-300HD (120 UNITS)
TOP OF STONE=235.80
TOP OF CHAMBERS=235.00
BOTTOM OF CHAMBERS=232.50
BOTTOM OF STONE=232.00

UG-9
CULTEC R-300HD (1,950 UNITS)
TOP OF STONE=240.0
TOP OF CHAMBERS=239.5
BOTTOM OF CHAMBERS=237.0
BOTTOM OF STONE=236.5

RIP-RAP IMPACT BASIN (IB-2)

DETENTION BASIN

FLAT DRAINPIPE Stainless Cast Iron SUBGRADE

SLOPE TO DRAIN

SLOPE AWAY

SLOPE AWAY FROM BUILDING

SLOPE TO DRAIN

SLOPE TO DRAIN

SLOPE AWAY FROM BUILDING

SLOPE AWAY FROM BUILDING

SLOPE AWAY FROM BUILDING

CONNECT EXIST. PIPE FROM FIELD TO DRAINAGE SYSTEM INV=239.50±

15"PVC INV=238.89

6ED PVC

SLOT DRAIN BY RECORD

THROWING CIRCLE

APPROX LIMIT OF WORK

UGI-9
CULTEC R-300HD (1,950 UNITS)
TOP OF STONE=240.0
TOP OF CHAMBERS=239.5
BOTTOM OF CHAMBERS=237.0
BOTTOM OF STONE=236.5

FFE=249.29

FFE=249.22

FFE=249.

FLAT DRAIN PIPE LAID ON SUBGRADE

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE OF THE ATHLETIC FIELDS

RIP-RAP IMPACT BASIN (IB-2)

OSS 12" PORT (NO PIPE) INV=226.77

ROOF DRAIN AT FOUNDATION (SEE MEP PLAN)

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE AROUND THE PROPOSED BUILDING

SEE SHEET C-3.5

SEE SHEET C-3.4

ROOF DRAIN AT FOUNDATION (SEE MEP PLAN)

DMH67 DMH66 DMH65 DMH64 DMH63 DMH57 DMH58 DMH59 DMH60 DMH61 DMH62 DMH84 DMH85 DMH83 DMH86 DMH87 DMH88 DMH48 DMH49

CB47 CB49 CB64 CB65 CB72 CB70 CB71 CB69 CB67 CB68 CB48 CB50

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND GRADING/DRAINAGE NOTES ON SHEET C-3.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER
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CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/22/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:
C-3.3

SEE SHEET C-2.5

SEE SHEET C-2.5

SEE SHEET C-2.3

SEE SHEET C-2.3

ROOF DRAIN AT FOUNDATION (SEE MEP PLAN)

ROOF DRAIN AT FOUNDATION (SEE MEP PLAN)

ROOF DRAIN AT FOUNDATION (SEE MEP PLAN)

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE AROUND THE PROPOSED BUILDING

UGI-8
CULTEC R-300HD (120 UNITS)
TOP OF STONE=235.80
TOP OF CHAMBERS=235.00
BOTTOM OF CHAMBERS=232.50
BOTTOM OF STONE=232.00

UGI-6
CULTEC R-300HD
(600 UNITS)
TOP OF STONE=238.50
TOP OF CHAMBERS=238.00
BOTTOM OF CHAMBERS=235.50
BOTTOM OF STONE=235.00

UGI-7
CULTEC R-300HD (54 UNITS)
TOP OF STONE=235.90
TOP OF CHAMBERS=235.40
BOTTOM OF CHAMBERS=232.90
BOTTOM OF STONE=232.40

AD-1

AD-2

AD-3

AD-4

AD-5

APPROX LIMIT OF WORK

APPROX. 25' BUILDING SETBACK

APPROX. 25' BUILDING SETBACK

8"PVC SEWER

8"PVC SEWER

327'-6 1/4"

DMH61 DMH60 DMH59 DMH58 DMH84 DMH62 DMH83 DMH57 DMH56 DMH55 (OCS) DMH54 DMH49 DMH48 DMH47 DMH46 DMH45 DMH94 DMH44 DMH51 DMH50 DMH93 DMH86 DMH87 DMH88

CB49 CB72 CB64 CB65 CB71 CB70 CB69 CB67 CB68 CB48 CB50 CB45 CB46 CB36 CB39 CB37 CB40 CB41 CB43 CB44

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND GRADING/DRAINAGE NOTES ON SHEET C-3.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

DORE + WHITTIER

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SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
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CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:
C-3.4

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

SEE SHEET C-3.6

SEE SHEET C-3.9

SEE SHEET C-3.3

SEE SHEET C-3.4

12" STONE UNDER FLAT DRAINS

FLAT DRAIN PIPE LAID ON SUBGRADE

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE OF THE ATHLETIC FIELDS

EXISTING HIGH SCHOOL TO BE DEMOLISHED (FOR REFERENCE)

APPROX LIMIT OF WORK

UGI-3
CULTEC R-300HD (1,008 UNITS)
TOP OF STONE=239.50
TOP OF CHAMBERS=239.00
BOTTOM OF CHAMBERS=236.50
BOTTOM OF STONE=236.00

UGI-5
CULTEC R-300HD
(308 UNITS)
TOP OF STONE=238.40
TOP OF CHAMBERS=237.90
BOTTOM OF CHAMBERS=235.40
BOTTOM OF STONE=234.90

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE AROUND THE PROPOSED BUILDING

ROOF DRAIN AT FOUNDATION (SEE MEP PLAN)

ROOF DRAIN AT FOUNDATION (SEE MEP PLAN)

PROPOSED HIGH SCHOOL

261'-7 1/4"

ZONING SETBACK

RIDGE AT 243.50

RIDGE AT 244.50

RIDGE AT 245.00

RIM=246.68

CB8 CB17 CB18 CB19 CB20 CB21 CB22 CB23 CB24 CB25 CB26 CB27 CB28 CB32 CB33 CB34 CB35 CB49 CB73 CB74 CB75 CB76 CB77

DMH23 DMH24 DMH25 DMH26 (OCS) DMH27 DMH28 DMH29 DMH30 DMH32 DMH33 DMH34 DMH35 DMH36 DMH37 DMH39 DMH40 DMH41 DMH52 DMH53 DMH61 DMH76 DMH89 DMH90 DMH91 DMH92

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND GRADING/DRAINAGE NOTES ON SHEET C-3.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 20 FT.

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CDW CONSULTANTS
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1 Wilson West Whitty Way
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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:
C-3.5

EXISTING MIDDLE SCHOOL

NORTH ATTLEBORO MIDDLE SCHOOL
2 STORY BRICK BUILDING

UGI-2
CULTEC R-300HD (90 UNITS)
TOP OF STONE=243.00
TOP OF CHAMBERS=242.50
BOTTOM OF CHAMBERS=240.00
BOTTOM OF STONE=239.50

UGI-4
CULTEC R-300HD
(70 UNITS)
TOP OF STONE=242.50
TOP OF CHAMBERS=242.00
BOTTOM OF CHAMBERS=239.50
BOTTOM OF STONE=239.00

EXISTING HIGH SCHOOL TO BE DEMOLISHED (FOR REFERENCE)

12" STONE UNDER FLAT DRAINS

FLAT DRAIN PIPE LAID ON SUBGRADE

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS AND GRADING AND DRAINAGE OF THE ATHLETIC FIELDS

RIDGE AT 243.50

SEE SHEET C-3.8

SEE SHEET C-3.7

SEE SHEET C-3.9

SEE SHEET C-3.5

SEE SHEET C-3.5

#39 34-656 N/F MICHAEL HOPEWELL 24127/165

#43 34-657 N/F THE BRISHKOVSKI FAMILY TRUST 24939/331

#47

#51 34-659 N/F EUGENE CLINTON ROUNDTREE AND LAURA ELIZABETH KRABY 26220/192

#53 34-660 N/F PAUL F. BRO... 12632/14...

JOHN ... AFFA... 62...

ZONING SETBACK

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND GRADING/DRAINAGE NOTES ON SHEET C-3.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 20 FT.

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12/19/2025

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:
N TRUE NORTH
PROJECT NORTH

SHEET TITLE:
SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:
C-3.6

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

PROPOSED MAINTENANCE SHED
FFE 241.50

UGI-A
CULTEC R-300HD
(128 CHAMBERS)
TOP OF STONE=239.50
TOP OF CHAMBERS=239.00
BOTTOM OF CHAMBERS=236.50
BOTTOM OF STONE=236.00

APPROX LOCATION EXIST UNDERGROUND STORM WATER SYSTEM TO REMAIN

APPROX LIMIT OF WORK

CONVERT EXIST CB TO DMH

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE OF THE ATHLETIC FIELDS

SEE SHEET C-3.8

SEE SHEET C-3.9

SEE SHEET C-3.6

EXISTING MIDDLE SCHOOL

NORTH ATTLEBORO MIDDLE SC

#17 34-650 N/F JULIA A. AND LOUIS A. SAVIOLI 6347/206

#21 34-651 N/F MICHAEL A. DEFUSCO 6576/142

#25 34-652 N/F PETER J. AND JEANNE MARIE A. DRUGAN

34-699 N/F NO ASSESSOR DATA

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND GRADING/DRAINAGE NOTES ON SHEET C-3.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/22/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:
C-3.7



GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND GRADING/DRAINAGE NOTES ON SHEET C-3.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)

1 INCH = 20 FT.

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
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Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:

C-3.8

SEE SHEET C-3.8

SEE SHEET C-3.7

WETLAND SERIES B

25' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

ZONING SETBACK

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS, AND GRADING AND DRAINAGE OF THE ATHLETIC FIELDS

FLAT DRAIN PIPE LAID ON SUBGRADE

APPROX LIMIT OF WORK

UGI-2
CULTEC
TOP OF
TOP OF
BOTTOM
BOTTOM

SEE SHEET C-3.5

JANICE LANE

#167
34-741
N/F
D H SIROTA
& JULIE A.
URRERI
600/167

#54
34-588
N/F
DAVID H. AND
MARILYN H.
REDDING
1444/107

#71
34-109
N/F
KENNETH J. AND
CAROL ANNE
SCANZIO
1471/194

#61
34-589
N/F
LUKG AI AND
JANNIFER BAIUNGO
8436/151

1 STORY BRICK BUILDING

SLOT DRAIN BY RECORD

6" PERFORATED PVC

8" PERFORATED PVC

BY RECORD

SEE SHEET C-3.5

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND GRADING/DRAINAGE NOTES ON SHEET C-3.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
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VERMONT
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CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:

C-3.9

PROTECT EXISTING
BEAUPRE STADIUM TO
REMAIN

CONNECT EXIST PIPE FROM
FIELD TO DRAINAGE SYSTEM
INV=243.33±

CONNECT EXIST PIPE FROM
FIELD TO DRAINAGE SYSTEM
INV=239.50±

UGI-9
CULTEC R-300HD (1,950
UNITS)
TOP OF STONE=240.0
TOP OF CHAMBERS=239.5
BOTTOM OF CHAMBERS=237.0
BOTTOM OF STONE=236.5

UGI-3
CULTEC R-300HD (1,008
TOP OF STONE=239.50
TOP OF CHAMBERS=239.0
BOTTOM OF CHAMBERS=2
BOTTOM OF STONE=236.0

SEE LA DRAWINGS FOR LAYOUT AND MATERIALS,
AND GRADING AND DRAINAGE
AROUND THE PROPOSED BUILDING

ROOF DRAIN AT
FOUNDATION
(SEE MEP PLAN)

APPROX LIMIT
OF WORK

SITE PLAN REVIEW FOR THE
TOWN OF NORTH
ATTLEBOROUGH

#61
34-589
N/F
LUKE AI AND
JENNIFER BAIUNGO
8456/151

#51
34-587
N/F
PAUL L. AND
ROSALIE M.
HAINEY
745/323

#41
34-585
N/F
ROSALIE M. AND
PAUL L. HAINEY
2483/292

SLOT DRAIN
BY RECORD

8" PERFORATED PVC

6" PERFORATED PVC

10" PERFORATED PVC

BY RECORD

10" PERFORATED PVC

FLAT PANEL DRAIN

SWALE

ZONING SETBACK

15" PVC
INV=238.89

4" PVC

SLOT DRAIN
BY RECORD

FFE=249.29

FFE=249.22

FFE=249.2

SHED

RIDGE 244.50

PROP

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND GRADING/DRAINAGE NOTES ON SHEET C-3.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 20 FT.

DMH65 DMH66 DMH67 DMH61 DMH60 DMH59 DMH58 DMH53 DMH54
CB19 CB20 CB21 CB22 CB23 CB24 CB49 CB64 CB65 CB72
DMH26 (OCS)

DORE + WHITTIER
MASSACHUSETTS
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NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
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CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
Civil
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE GRADING & DRAINAGE ENLARGEMENT

SHEET NUMBER:

C-3.10

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB1 RIM: 225.77		CB1 TO DMH1 INV OUT =221.50 12"HDPE L=20.23' S=1.98%
CB2 RIM: 225.62		CB2 TO DMH1 INV OUT =221.50 12"HDPE L=21.80' S=1.83%
CB3 RIM: 233.85		CB3 TO DMH8 INV OUT =226.90 12"HDPE L=18.47' S=4.33%
CB4 RIM: 233.90		CB4 TO DMH8 INV OUT =226.90 12"HDPE L=18.37' S=4.35%
CB5 RIM: 242.40		CB5 TO DMH10 INV OUT =239.30 12"HDPE L=18.02' S=0.55%
CB6 RIM: 242.30		CB6 TO DMH10 INV OUT =239.20 12"HDPE L=16.57' S=0.60%
CB29 RIM: 224.72		CB29 TO DMH4 INV OUT =221.70 12"HDPE L=56.25' S=1.96%
CB30 RIM: 223.49		CB30-DMH5 TO DMH5 INV OUT =220.40 15"HDPE L=9.89' S=0.51%
DMH1 **RIM: 225.54**	FROM CB2 INV IN=221.10(A-12") FROM CB1 INV IN=221.10(C-12")	DMH3 TO DMH4 INV OUT =221.00 12"HDPE L=63.73' S=0.63% DMH1 TO DMH2 INV OUT =223.90 12"HDPE L=122.81' S=2.28%
DMH2 RIM: 229.58	FROM DMH1 INV IN=221.10(B-12")	DMH2 TO DMH8 INV OUT =226.00 12"HDPE L=114.98' S=1.74%
DMH4 RIM: 224.25	FROM DMH3 INV IN=220.60(D-12") FROM CB29 INV IN=220.60(A-12")	DMH4 TO DMH5 INV OUT =220.50 12"HDPE L=14.85' S=0.67%
DMH5 RIM: 223.76	FROM DMH4 INV IN=220.40(C-12") FROM DMH6 INV IN=220.50(A-18") FROM CB30-DMH5 INV IN=220.35(B-15")	DMH5 TO IB-1 INV OUT =220.20 18"HDPE L=17.61' S=0.57%
DMH6 RIM: 226.83	FROM FIELD INV IN=224.50(B-12")	DMH6 TO DMH5 INV OUT =223.35 18"HDPE L=97.50' S=2.92%
DMH8 RIM: 233.54	FROM CB3 INV IN=226.10(C-12") FROM CB4 INV IN=226.10(A-12") FROM DMH9 INV IN=226.10(B-12") FROM DMH2 INV IN=224.00(D-12")	
DMH9 RIM: 236.70	FROM DMH10 INV IN=235.00(C-12")	DMH9 TO DMH8 INV OUT =229.70 12"HDPE L=79.35' S=4.54%
DMH10 RIM: 242.00	FROM CB5 INV IN=239.20(B-12") FROM CB6 INV IN=239.10(A-12")	DMH10 TO DMH9 INV OUT =239.00 12"HDPE L=117.49' S=3.40%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB7 RIM: 248.50		CB7 TO DMH11 INV OUT =245.50 12"HDPE L=32.53' S=0.61%
CB8 RIM: 244.88		CB8 TO DMH13 INV OUT =241.45 12"HDPE L=16.16' S=1.55%
CB9 RIM: 244.92		CB9 TO DMH13 INV OUT =241.80 12"HDPE L=15.42' S=0.65%
DMH11 RIM: 247.80	FROM CB7 INV IN=245.30(A-12")	DMH11 TO DMH12 INV OUT =244.70 12"HDPE L=176.03' S=1.36%
DMH12 RIM: 244.67	FROM DMH11 INV IN=242.30(B-12")	DMH12 TO DMH13 INV OUT =242.05 15"HDPE L=10.26' S=1.00%
DMH13 RIM: 244.35	FROM DMH12 INV IN=241.95(A-15") FROM CB8 INV IN=241.20(B-12") FROM CB9 INV IN=241.70(C-12")	DMH13 TO UGI-2 INV OUT =240.50 15"HDPE L=6.94' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB11 RIM: 249.00		CB11 TO DMH14 INV OUT =241.00 12"HDPE L=25.46' S=0.78%
DMH14 RIM: 249.00	FROM CB11 INV IN=240.80(C-12")	DMH14 TO UGI-2 INV OUT =240.50 10"HDPE L=5.69' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB31 RIM: 242.00		CB31 TO DMH38 INV OUT =238.75 12"HDPE L=134.04' S=0.52%
CB51 RIM: 242.00		CB51 TO DMH38 INV OUT =238.75 12"HDPE L=48.89' S=0.51%
CB76 RIM: 240.80		CB76 TO DMH52 INV OUT =238.20 12"HDPE L=19.47' S=0.50%
CB77 RIM: 243.65		CB77 TO DMH36 INV OUT =235.65 12"HDPE L=31.01' S=0.64%
DMH17 RIM: 244.77	FROM UGI2 INV IN=240.00(A-18")	DMH17 TO DMH25 INV OUT =241.00 18"HDPE L=186.21' S=1.33%
DMH25 RIM: 241.76	FROM DMH17 INV IN=238.52(B-18")	DMH25 TO DMH26 (OCS) INV OUT =238.42 18"HDPE L=143.13' S=0.92%
DMH26 (OCS) RIM: 241.73	FROM UGI3 INV IN=236.50(B-18") FROM DMH25 INV IN=237.10(C-18")	DMH26 TO DMH37 INV OUT =236.40 24"HDPE L=417.24' S=0.50%
DMH33 RIM: 240.24	FROM UGI5 INV IN=235.40(A-18")	DMH33 TO DMH34 INV OUT =236.00 18"HDPE L=46.78' S=4.06%
DMH34 RIM: 240.10	FROM DMH35 INV IN=232.00(B-30") FROM DMH33 INV IN=234.10(C-18")	DMH34 TO OUTFALL INV OUT =230.90 12"HDPE L=16.97' S=1.77%
DMH35 RIM: 239.64	FROM DMH36 INV IN=232.50(A-30")	DMH35 TO DMH34 INV OUT =232.60 30"HDPE L=65.46' S=0.92%
DMH36 RIM: 240.64 WEIR=238.50 4" ORIFICE=237.50	FROM CB77 INV IN=235.45(C-12") FROM DMH37 INV IN=233.75(B-30")	DMH36 TO DMH35 INV OUT =233.25 30"HDPE L=106.54' S=0.70%
DMH37 RIM: 241.00	FROM DMH26 INV IN=234.30(A-24") FROM DMH52 INV IN=236.55(C-12")	DMH37 TO DMH36 INV OUT =234.20 30"HDPE L=83.16' S=0.54%
DMH38 RIM: 242.25	FROM CB51 INV IN=238.50(B-12") FROM CB31 INV IN=238.05(C-12")	DMH38 TO DMH52 INV OUT =237.95 12"HDPE L=117.04' S=0.51%
DMH52 RIM: 241.13	FROM CB76 INV IN=238.10(B-12") FROM DMH38 INV IN=237.35(A-12")	DMH52 TO DMH37 INV OUT =237.25 12"HDPE L=132.71' S=0.53%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB18 RIM: 243.39		CB18 TO DMH27 INV OUT =240.35 12"HDPE L=16.71' S=0.60%
DMH27 RIM: 243.03	FROM CB18 INV IN=240.25(A-12")	DMH27 TO UGI-3 INV OUT =237.00 12"HDPE L=5.44' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB27 RIM: 241.21		CB27 TO DMH31 INV OUT =238.20 12"HDPE L=19.75' S=0.51%
DMH31 RIM: 240.61	FROM CB27 INV IN=238.10(A-12")	DMH31 TO UGI-5 INV OUT =236.00 12"HDPE L=6.07' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB28 RIM: 239.13		CB28 TO DMH32 INV OUT =236.10 12"HDPE L=52.11' S=0.58%
DMH32 RIM: 240.10	FROM CB28 INV IN=235.80(B-12")	DMH32 TO UGI-5 INV OUT =235.70 12"HDPE L=7.58' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB32 RIM: 240.40		CB32 TO DMH39 INV OUT =237.30 12"HDPE L=75.39' S=0.53%
CB33 RIM: 240.65		CB33 TO DMH39 INV OUT =237.55 12"HDPE L=63.90' S=0.55%
DMH39 RIM: 241.95	FROM CB32 INV IN=236.90(A-12") FROM CB33 INV IN=237.20(B-12")	DMH39 TO UGI-5 INV OUT =236.00 12"HDPE L=4.72' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB34 RIM: 242.75		CB34 TO DMH40 INV OUT =237.10 12"HDPE L=7.55' S=1.33%
DMH40 RIM: 242.60	FROM CB34 INV IN=237.00(A-12")	DMH40 TO UGI-6 INV OUT =236.00 12"HDPE L=12.62' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB19 RIM: 243.41		CB19 TO UGI-3 INV OUT =237.00 12"HDPE L=8.73' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB12 RIM: 246.85		CB12 TO DMH19 INV OUT =243.85 12"HDPE L=36.63' S=0.55%
CB13 RIM: 243.12		CB13 TO DMH20 INV OUT =240.13 12"HDPE L=43.18' S=0.53%
CB14 RIM: 242.87		CB14 TO DMH21 INV OUT =239.80 12"HDPE L=38.93' S=0.51%
CB15 RIM: 241.00		CB15 TO DMH22 INV OUT =237.00 24"HDPE L=31.01' S=0.72%
CB16 RIM: 242.00		CB16 TO DMH22 INV OUT =238.30 18"HDPE L=50.58' S=0.59%
CB17 RIM: 241.14		CB17 TO DMH24 INV OUT =237.50 18"HDPE L=21.51' S=1.86%
DMH18 RIM: 249.81	FROM ROOF INV IN=243.70(B-12")	DMH18 TO DMH19 INV OUT =243.60 12"HDPE L=57.73' S=1.04%
DMH19 RIM: 246.35	FROM CB12 INV IN=243.65(B-12") FROM DMH18 INV IN=243.00(A-12")	DMH19 TO DMH20 INV OUT =242.35 15"HDPE L=84.92' S=2.83%
DMH20 RIM: 244.10	FROM DMH19 INV IN=239.95(C-15") FROM CB13 INV IN=239.90(A-12")	DMH20 TO DMH21 INV OUT =239.70 18"HDPE L=53.79' S=3.16%
DMH21 RIM: 242.16	FROM CB14 INV IN=239.60(A-12") FROM DMH20 INV IN=238.00(B-18") FROM DMH22 INV IN=236.70(C-24")	DMH21 TO DMH23 INV OUT =237.15 24"HDPE L=26.69' S=0.56%
DMH22 RIM: 241.40	FROM CB16 INV IN=238.00(A-18") FROM CB15 INV IN=236.85(B-24")	DMH22 TO DMH21 INV OUT =237.25 24"HDPE L=99.01' S=0.56%
DMH23 RIM: 241.63	FROM DMH21 INV IN=237.00(D-24")	DMH23 TO DMH24 INV OUT =236.90 24"HDPE L=49.74' S=0.50%
DMH24 RIM: 241.52	FROM DMH23 INV IN=236.65(A-24") FROM CB17 INV IN=237.10(B-18")	DMH24 TO UGI-3 INV OUT =236.55 24"HDPE L=5.30' S=0.00%
ROOF RIM: 250.74		ROOF TO DMH18 INV OUT =243.90 12"HDPE L=36.03' S=0.56%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB35 RIM: 240.40		CB35 TO DMH41 INV OUT =237.40 12"HDPE L=42.60' S=0.59%
CB37 RIM: 241.25		CB37 TO DMH41 INV OUT =236.85 15"HDPE L=119.46' S=0.67%
DMH41 RIM: 241.22	FROM CB35 INV IN=237.15(A-12") FROM CB37 INV IN=236.05(C-15")	DMH41 TO UGI-6 INV OUT =235.95 15"HDPE L=10.11' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB41 RIM: 241.40		CB41 TO DMH44 INV OUT =237.40 12"HDPE L=126.10' S=0.63%
CB43 RIM: 237.86		CB43 TO DMH44 INV OUT =237.00 12"HDPE L=40.76' S=0.61%
CB44 RIM: 235.52		CB44 TO DMH44 INV OUT =237.30 12"HDPE L=55.72' S=0.54%
DMH44 RIM: 240.77	FROM CB44 INV IN=237.00(A-12") FROM CB43 INV IN=236.75(B-12") FROM CB41 INV IN=236.60(C-12")	DMH44 TO DMH45 INV OUT =236.25 15"HDPE L=26.87' S=0.74%
DMH45 RIM: 241.28	FROM DMH44 INV IN=236.05(D-15")	DMH45 TO UGI-6 INV OUT =235.95 15"HDPE L=4.86' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB20 RIM: 241.16		CB20 TO UGI-3 INV OUT =237.00 12"HDPE L=14.78' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB10 RIM: 247.00		CB10 TO UGI-2 INV OUT =240.50 18"HDPE L=9.33' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB23 RIM: 243.50		CB23 TO DMH53 INV OUT =239.20 18"HDPE L=13.21' S=0.76%
CB24 RIM: 244.00		CB24 TO DMH28 INV OUT =239.20 18"HDPE L=12.88' S=0.78%
CB25 RIM: 244.15		CB25 TO DMH76 INV OUT =241.10 12"HDPE L=12.56' S=0.80%
CB26 RIM: 243.05		CB26 TO DMH30 INV OUT =240.00 12"HDPE L=11.69' S=0.86%
CB73 RIM: 245.37		CB73 TO DMH89 INV OUT =241.75 12"HDPE L=6.09' S=0.82%
CB74 RIM: 244.70		CB74 TO DMH92 INV OUT =241.00 12"HDPE L=15.42' S=0.65%
CB75 RIM: 245.03		CB75 TO DMH92 INV OUT =241.00 12"HDPE L=36.02' S=0.56%
DMH28 RIM: 244.20	FROM DMH53 INV IN=238.70(B-18") FROM CB24 INV IN=239.10(A-18")	DMH28 TO DMH29 INV OUT =238.60 18"HDPE L=124.05' S=0.52%
DMH29 RIM: 243.62	FROM DMH91 INV IN=239.75(B-12") FROM DMH28 INV IN=237.95(C-18")	DMH29 TO DMH76 INV OUT =237.85 18"HDPE L=85.87' S=0.52%
DMH30 RIM: 243.03	FROM DMH76 INV IN=237.25(B-18") FROM CB26 INV IN=239.90(A-12")	DMH30 TO UGI-5 INV OUT =236.00 18"HDPE L=89.49' S=0.00%
DMH53 RIM: 243.10	FROM CB23 INV IN=239.10(A-18")	DMH53 TO DMH28 INV OUT =239.00 18"HDPE L=59.35' S=0.51%
DMH76 RIM: 243.12	FROM DMH29 INV IN=237.40(A-18") FROM CB25 INV IN=241.00(C-12")	DMH76 TO DMH30 INV OUT =237.55 18"HDPE L=48.51' S=0.62%
DMH89 RIM: 245.46	FROM CB73 INV IN=241.70(C-12") FROM TD2 INV IN=242.25(B-12")	DMH89 TO DMH90 INV OUT =241.60 12"HDPE L=45.37' S=0.55%
DMH90 RIM: 245.61	FROM DMH92 INV IN=240.40(B-12") FROM DMH89 INV IN=241.35(A-12") FROM TD6 INV IN=241.80(C-12")	DMH90 TO DMH91 INV OUT =240.30 12"HDPE L=18.79' S=0.53%
DMH91 RIM: 245.70	FROM TD3 INV IN=241.30(C-12") FROM DMH90 INV IN=240.20(D-12") FROM TD5 INV IN=241.30(A-12")	DMH91 TO DMH29 INV OUT =240.10 12"HDPE L=63.69' S=0.55%
DMH92 RIM: 244.93	FROM CB75 INV IN=240.80(C-12") FROM CB74 INV IN=240.90(A-12")	DMH92 TO DMH90 INV OUT =240.70 12"HDPE L=59.33' S=0.51%
TRENCH DRAIN2 RIM: 245.63		TD2 TO DMH89 INV OUT =242.40 12"HDPE L=21.33' S=0.70%
TRENCH DRAIN3 RIM: 245.63		TD3 TO DMH91 INV OUT =241.40 12"HDPE L=11.88' S=0.84%
TRENCH DRAIN4 RIM: 244.40		TD4 TO TRENCH DRAIN5 INV OUT =241.40 12"HDPE L=29.72' S=0.34%
TRENCH DRAIN5 RIM: 244.40	FROM TD4 INV IN=241.30(B-12")	

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
TRENCH DRAIN6 RIM: 244.40		TD5 TO DMH91 INV OUT =241.40 12"HDPE L=12.53' S=0.80%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB21 RIM: 243.41		CB21 TO UGI-3 INV OUT =236.70 12"HDPE L=9.72' S=2.06%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB22 RIM: 241.14		CB22 TO UGI-3 INV OUT =236.70 12"HDPE L=13.78' S=1.45%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB66 RIM: 241.00		CB66 TO UGI-A INV OUT =237.00 12"HDPE L=46.73' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
DMH55 (OCS) RIM: 242.27 WEIR=233.00	FROM UGI8 INV IN=232.50(A-24")	DMH54 TO DMH54 INV OUT =233.00 24"HDPE L=32.55' S=0.00% DMH55 TO DMH56 INV OUT =232.50 24"HDPE L=82.52' S=0.61%
DMH56 RIM: 243.76	FROM DMH55 INV IN=232.00(B-24")	DMH56 TO DMH57 INV OUT =232.20 24"HDPE L=243.29' S=0.53%
DMH57 RIM: 242.95	FROM DMH56 INV IN=230.90(C-24")	

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
DMH63 RIM: 241.30	FROM DMH64 INV IN=237.00(A-24") FROM UGI9 INV IN=237.00(C-24")	DMH63 TO IB-2 INV OUT =237.50 24"HDPE L=79.08' S=4.43%
DMH64 RIM: 243.80	FROM UGI9-DMH64 INV IN=237.00(B-24")	DMH64 TO DMH63 INV OUT =237.00 24"HDPE L=226.40' S=0.00%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
DMH65 RIM: 241.85	FROM DMH66 INV IN=237.10(A-12")	DMH65 TO UGI-9 INV OUT =237.00 12"HDPE L=5.00' S=0.00%
DMH66 RIM: 239.25	FROM DMH67 INV IN=237.70(B-12")	DMH66 TO DMH65 INV OUT =237.60 12"HDPE L=97.98' S=0.51%
DMH67 RIM: 243.04	FROM DMH68 INV IN=238.60(A-12")	DMH67 TO DMH66 INV OUT =238.50 12"HDPE L=150.49' S=0.53%
DMH68 RIM: 249.68		DMH68 TO DMH67 INV OUT =239.50 12"HDPE L=172.03' S=0.52%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB55 RIM: 246.76		CB55 TO DMH72 INV OUT =242.30 12"HDPE L=24.48' S=0.61%
CB56 RIM: 245.43		CB56 TO DMH74 INV OUT =242.40 12"HDPE L=17.62' S=0.57%
DMH72 RIM: 246.75	FROM DMH73 INV IN=241.70(B-12") FROM CB55 INV IN=242.15(A-12")	DMH72 TO UGI-4 INV OUT =240.00 12"HDPE L=3.10' S=0.00%
DMH73 RIM: 245.69	FROM DMH74 INV IN=242.00(A-12")	DMH73 TO DMH72 INV OUT =241.90 12"HDPE L=29.48' S=0.68%
DMH74 RIM: 245.55	FROM CB56 INV IN=242.30(B-12")	DMH74 TO DMH73 INV OUT =242.20 12"HDPE L=24.68' S=0.81%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB45 RIM: 243.50		CB45 TO DMH47 INV OUT =239.20 12"HDPE L=24.67' S=0.81%
CB48 RIM: 241.65		CB48 TO DMH49 INV OUT =238.60 12"HDPE L=103.45' S=0.58%
DMH46 RIM: 242.64	FROM DMH47 INV IN=235.70(C-18")	DMH46 TO UGI-6 INV OUT =235.60 18"HDPE L=4.52' S=0.00%
DMH47 RIM: 242.54	FROM DMH48 INV IN=236.30(A-18") FROM CB45 INV IN=239.00(B-12")	DMH47 TO DMH46 INV OUT =236.20 18"HDPE L=93.89' S=0.53%
DMH48 RIM: 244.25	FROM DMH49 INV IN=237.50(C-12") FROM ROOF INV IN=239.65(B-18")	DMH48 TO DMH47 INV OUT =237.40 18"HDPE L=217.44' S=0.51%
DMH49 RIM: 243.33	FROM CB48 INV IN=238.00(A-12")	DMH49 TO DMH48 INV OUT =237.90 12"HDPE L=66.23' S=0.60%
ROOF RIM: 242.96		ROOF TO DMH48 INV OUT =239.90 18"HDPE L=41.46' S=0.60%

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
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REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB47 RIM: 243.60		CB47 TO DMH85 INV OUT =240.60 12"HDPE L=53.49' S=0.56%
CB49 RIM: 249.15		CB49 TO DMH60 INV OUT =246.10 18"HDPE L=8.92' S=0.56%
CB64 RIM: 244.00		CB64 TO DMH88 INV OUT =241.00 12"HDPE L=36.28' S=0.55%
CB65 RIM: 244.63		CB65 TO DMH88 INV OUT =241.60 12"HDPE L=91.77' S=0.54%
CB67 RIM: 244.08		CB67 TO DMH62 INV OUT =238.45 12"HDPE L=26.30' S=0.76%
CB68 RIM: 243.81		CB68 TO DMH83 INV OUT =239.00 12"HDPE L=98.14' S=0.51%
CB69 RIM: 244.07		CB69 TO DMH83 INV OUT =238.90 12"HDPE L=9.58' S=0.52%
CB70 RIM: 244.35		CB70 TO DMH86 INV OUT =241.00 12"HDPE L=76.79' S=0.52%
CB71 RIM: 245.00		CB71 TO DMH86 INV OUT =239.60 12"HDPE L=5.94' S=1.68%
CB72 RIM: 244.00		CB72 TO DMH87 INV OUT =241.00 12"HDPE L=10.00' S=1.00%
DMH58 RIM: 244.16	FROM DMH87 INV IN=238.45(A–12") FROM DMH59 INV IN=243.60(C–18")	DMH58 TO DMH62 INV OUT =238.35 18"HDPE L=118.09' S=0.55%
DMH59 RIM: 246.99	FROM DMH60 INV IN=245.70(A–18") FROM ROOF(east of proposed high school) INV IN=243.90(B–12")	DMH59 TO DMH58 INV OUT =243.80 18"HDPE L=36.16' S=0.55%
DMH60 RIM: 249.00	FROM DMH61 INV IN=246.20(C–15") FROM CB49 INV IN=246.05(B–18")	DMH60 TO DMH59 INV OUT =245.90 18"HDPE L=36.74' S=0.54%
DMH61 RIM: 249.59	FROM ROOF INV IN=246.69(B–15")	DMH61 TO DMH60 INV OUT =246.40 15"HDPE L=32.98' S=0.61%
DMH62 RIM: 244.12	FROM DMH58 INV IN=237.70(B–18") FROM CB67 INV IN=238.25(C–12")	DMH62 TO DMH84 INV OUT =237.60 18"HDPE L=36.20' S=0.55%
DMH83 RIM: 243.92	FROM CB68 INV IN=238.50(A–12") FROM CB69 INV IN=238.85(C–12")	DMH83 TO DMH84 INV OUT =238.40 12"HDPE L=18.01' S=0.56%
DMH84 RIM: 243.90	FROM DMH83 INV IN=238.30(B–12") FROM DMH62 INV IN=237.40(A–18")	DMH84 TO DMH85 INV OUT =237.30 18"HDPE L=40.13' S=0.50%
DMH85 RIM: 243.50	FROM DMH84 INV IN=237.10(C–18") FROM CB47 INV IN=240.30(A–12")	DMH85 TO **UGI–9** INV OUT =237.00 24"HDPE L=14.28' S=0.00%
DMH86 RIM: 245.00	FROM CB71 INV IN=239.50(B–12") FROM CB70 INV IN=240.60(A–12")	DMH86 TO DMH87 INV OUT =239.40 12"HDPE L=39.29' S=0.51%
DMH87 RIM: 244.80	FROM DMH86 INV IN=239.20(D–12") FROM CB72 INV IN=240.90(B–12") FROM DMH88 INV IN=239.20(C–12")	DMH87 TO DMH58 INV OUT =239.10 12"HDPE L=113.25' S=0.57%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
DMH88 RIM: 245.30	FROM CB65 INV IN=241.10(B–12") FROM CB64 INV IN=240.80(A–12") FROM TD1 INV IN=240.90(D–12")	DMH88 TO DMH87 INV OUT =239.35 12"HDPE L=20.69' S=0.72%
TRENCH DRAIN1 RIM: 245.10		TD1 TO DMH88 INV OUT =241.00 12"HDPE L=16.17' S=0.62%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB59 RIM: 237.03		CB59 TO DMH15 INV OUT =233.20 12"HDPE L=5.75' S=0.87%
CB60 RIM: 237.42		CB60 TO DMH16 INV OUT =234.10 12"HDPE L=18.82' S=0.53%
DMH15 RIM: 236.88	FROM CB59 INV IN=233.15(A–12")	DMH15 TO DMH16 INV OUT =233.10 12"HDPE L=67.28' S=0.52%
DMH16 RIM: 237.30	FROM DMH15 INV IN=232.75(B–12") FROM CB60 INV IN=234.00(A–12")	

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB52 RIM: 244.78		CB52 TO DMH69 INV OUT =241.18 12"HDPE L=34.81' S=0.80%
CB53 RIM: 244.74		CB53 TO DMH69 INV OUT =241.10 12"HDPE L=12.56' S=1.59%
CB54 RIM: 250.23		CB54 TO DMH71 INV OUT =241.30 12"HDPE L=159.80' S=0.50%
DMH69 RIM: 244.65	FROM CB52 INV IN=240.90(C–12") FROM CB53 INV IN=240.90(B–12")	DMH69 TO DMH71 INV OUT =240.80 12"HDPE L=50.70' S=0.59%
DMH70 (OCS) RIM: 244.87 WEIR=240.40	FROM DMH71 INV IN=239.50(C–18") FROM UGI4–DMH70 INV IN=239.50(B–18")	DMH70 TO OUTFALL INV OUT =237.33 24"HDPE L=29.12' S=0.79%
DMH71 RIM: 244.60	FROM CB54 INV IN=240.50(A–12") FROM UGI4 INV IN=239.50(B–18") FROM DMH69 INV IN=240.50(D–12")	DMH71 TO DMH70 (OCS) INV OUT =240.40 18"HDPE L=45.52' S=1.98%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB61 RIM: 237.42		CB61 TO DMH77 INV OUT =234.40 12"HDPE L=33.23' S=0.60%
CB62 RIM: 239.70		CB62 TO DMH78 INV OUT =236.70 12"HDPE L=23.51' S=0.85%
CB63 RIM: 239.77		CB63 TO DMH79 INV OUT =236.75 12"HDPE L=10.24' S=0.98%
DMH77 RIM: 237.80	FROM CB61 INV IN=234.20(A–12")	DMH77 TO DMH78 INV OUT =234.20 12"HDPE L=98.80' S=0.61%
DMH78 RIM: 239.40	FROM CB62 INV IN=236.50(A–12") FROM DMH77 INV IN=233.60(C–12")	DMH 78 TO DMH79 INV OUT =233.50 12"HDPE L=18.67' S=0.54% DMH78 TO DMH80 INV OUT =4.65 12"HDPE L=158.55' S=2.17%
DMH79 RIM: 239.65	FROM DMH 78 INV IN=233.40(B–12") FROM CB63 INV IN=236.65(A–12")	DMH79 TO OUTFALL INV OUT =233.30 12"HDPE L=27.80' S=0.72%
OUTALL RIM: 471.60	FROM DMH79 INV IN=233.10(C–12")	

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
DMH80 RIM: 241.57	FROM DMH78 INV IN=1.22(D–12") FROM EXIST CB INV IN=236.70(B–12")	DMH80 TO DMH81 INV OUT =237.35 12"HDPE L=29.70' S=0.67%
DMH81 RIM: 241.50	FROM DMH80 INV IN=237.15(A–12")	DMH81 TO UGI–A INV OUT =237.00 12"HDPE L=9.24' S=0.00% DMH81 TO DMH82 INV OUT =1.22 12"HDPE L=35.58' S=4.82%
EXISITNG RIM: 242.23		EXIST CB TO DMH80 INV OUT =237.00 12"HDPE L=54.36' S=0.55%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
DMH82 RIM: 241.50	FROM DMH81 INV IN=–0.50(C–12") FROM UGI–A INV IN=237.00(A–12")	DMH82 TO OUTFALL INV OUT =237.50 12"HDPE L=45.18' S=0.55%
OUTFALL RIM: 239.58	FROM DMH82 INV IN=237.25(B–12")	

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB36 RIM: 243.50		CB36 TO DMH93 INV OUT =241.50 12"HDPE L=152.43' S=1.05%
CB39 RIM: 244.30		CB39 TO DMH93 INV OUT =239.75 12"HDPE L=55.38' S=0.54%
CB40 RIM: 243.61		CB40 TO DMH93 INV OUT =239.75 12"HDPE L=61.78' S=0.57%
DMH93 RIM: 243.97	FROM CB36 INV IN=239.90(E–12") FROM CB39 INV IN=239.45(B–12") FROM RFDRAIN INV IN=238.85(A–12") FROM CB40 INV IN=239.40(C–12")	DMH98 TO UGI–6 INV OUT =236.00 15"HDPE L=13.01' S=0.00%
ROOF RIM: 245.26		RFDRAIN TO DMH93 INV OUT =239.45 12"HDPE L=120.54' S=0.50%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB46 RIM: 240.20		CB46 TO DMH54 INV OUT =237.00 12"HDPE L=103.04' S=0.97%
DMH50 RIM: 236.27	FROM DRAIN INV IN=232.50(B–24") FROM DMH94 INV IN=233.00(A–24")	DMH50 TO DMH51 INV OUT =233.80 24"HDPE L=39.71' S=0.00% DMH 50 TO INV OUT =232.90 24"HDPE L=3.79' S=0.00%
DMH51 RIM: 238.50	FROM UGI 7 INV IN=232.90(A–24") FROM DMH50 INV IN=233.80(D–24")	DMH51 TO DMH54 INV OUT =233.80 24"HDPE L=234.21' S=0.51%
DMH54 RIM: 241.90	FROM CB46 INV IN=236.00(A–12") FROM DMH54 INV IN=233.00(C–24") FROM DMH51 INV IN=232.60(B–24")	DMH54 TO UGI–8 INV OUT =232.50 24"HDPE L=5.00' S=0.00%
DMH94 RIM: 241.90	FROM UGI7 INV IN=235.50(B–24")	DMH94 TO DMH50 INV OUT =234.50 24"HDPE L=81.07' S=1.85%

STRUCTURE TABLE		
STRUCTURE NAME:	PIPES IN:	PIPES OUT
CB50 RIM: 242.25		CB50 TO UGI–8 INV OUT =233.00 15"HDPE L=55.02' S=0.00%

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

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PROJECT NUMBER: 24–0856

SEAL AND SIGNATURE:

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REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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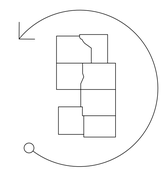
KEY PLAN



ORIENTATION AND SCALE:

N
TRUE NORTH

PROJECT NORTH

SHEET TITLE:
DRAINAGE STRUCTURE AND PIPE SCHEDULE

SHEET NUMBER:
C–3.12

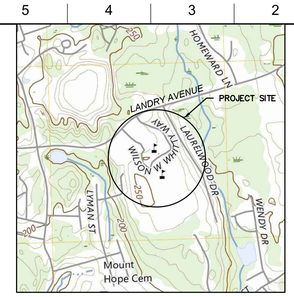
EXISTING CONDITIONS/SURVEY NOTES:

1. EXISTING CONDITIONS ARE BASED ON A SURVEY PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC., 100 CAMBRIDGE STREET, SUITE 1310, BOSTON, MA 02114, ENTITLED "EXISTING CONDITIONS PLAN NORTH ATTLEBOROUGH HIGH SCHOOL", PROJECT NO. 151042201, DATED 10/08/24. SEE SURVEY PLAN FOR ADDITIONAL NOTES, ABBREVIATIONS, AND LEGEND INFORMATION.
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAP, NUMBER 25005C0102G, EFFECTIVE DATE JULY 16, 2015. SEE SURVEY PLAN FOR ADDITIONAL INFORMATION.
4. WETLANDS WERE DELINEATED AND FLAGGED BY CDW CONSULTANTS, INC. ON MARCH 12, 2024, IN ACCORDANCE WITH MASSACHUSETTS AND USACE WETLAND DELINEATION CRITERIA.

MAINTENANCE BUILDING SCOPE
THE WORK SHOW FOR THE MAINTENANCE BUILDING INCLUDES DEMO & EROSION CONTROL BARRIERS, ROADWAY LANE REDUCTION, DRAINAGE IMPROVEMENTS, SEWER FORCE MAIN, AND GENERAL SITE WORK

SEE SHEET C-4.1
SEE SHEET C-4.7
SEE SHEET C-4.8
SEE SHEET C-4.9
SEE SHEET C-4.5
SEE SHEET C-4.6
SEE SHEET C-4.2
SEE SHEET C-4.10
SEE SHEET C-4.3
SEE SHEET C-4.4

MAINTENANCE BUILDING
LAUREL WOOD DRIVE
LANDRY AVENUE (ROUTE 120, PART 2) (PLAN BOOK 1295, PLANS 66-69)
WETLAND SERIES 4
WETLAND SERIES 9
SPRING STREET
EAST



LOCUS MAP
SCALE: 1"=1,000'

UTILITY NOTES

1. ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE DESIGNER PRIOR TO ANY SITE WORK WHICH WOULD BE AFFECTED.
2. ALL SITE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS (DPW) STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE CITY OF NORTH ATTLEBOROUGH WORKS.
3. AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS SHOWN ON THE PLANS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
4. CONTRACTOR SHALL INSTALL SILT SACKS ON DOWN STREAM CATCH BASINS. PRIOR TO INSTALLING A SILT SACK THE CONTRACTOR SHALL CLEAN OUT THE SUMP OF THE CATCH BASIN.
5. CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.
6. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
7. ALL UTILITY COVERS, GRATES, ETC. TO REMAIN SHALL BE ADJUSTED TO BE FLUSH WITH THE FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS STRUCTURES AND MANHOLES ARE APPROXIMATE.
8. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.
9. UNLESS OTHERWISE INDICATED, ABANDONED EXISTING UTILITY LINES/PIPES SHALL BE CAPPED AND MAY BE ABANDONED IN PLACE UNLESS THEY CONFLICT WITH PROPOSED IMPROVEMENTS. CAP REMAINING PORTIONS WHERE PARTIALLY REMOVED.
10. REFER TO ELECTRICAL DRAWINGS FOR ALL SITE ELECTRICAL WORK, AND TO PLUMBING AND MECHANICAL DRAWINGS FOR ALL PLUMBING AND MECHANICAL WORK.
11. INSTALL ALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY AND DPW STANDARDS.
12. ALL WATER UTILITY IMPROVEMENTS SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION STANDARDS AND THE CITY OF NORTH ATTLEBOROUGH DPW.
13. WATER LINE SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON.
14. WATER PIPES WITH JOINTS OR FITTINGS AS REQUIRED TO PROVIDE A MINIMUM OF 6" CLEARANCE FOR UTILITY CROSSINGS OR AS NOTED IN THE SPECIFICATIONS.
15. ALL VALVES AND HYDRANTS SHALL CONFORM TO CITY STANDARDS.
16. WATER LINES AND SEWER LINES SHALL BE SEPARATED BY 10' HORIZONTALLY. WHERE THIS IS NOT POSSIBLE, AN 18" SEPARATION BETWEEN THE BOTTOM OF THE WATER LINE AND THE TOP OF THE SEWER LINE IS ALSO ACCEPTABLE BUT ONLY WHERE THE WATER LINE IS ABOVE THE SEWER LINE. BOTH PIPES SHALL BE ENCASED IN CONCRETE IN ANY AREA WHERE NEITHER OF THE TWO SEPARATIONS NOTED ABOVE CAN BE MAINTAINED. IN SUCH AN INSTANCE, BOTH THE WATER LINE AND SEWER LINE (IN THE AREA OF ENCASEMENT) MUST BE PRESSURE TESTED TO 150 PSI TO ENSURE BOTH ARE WATERTIGHT.
17. ALL SANITARY PIPE SHALL BE SDR-35 PVC UNLESS OTHERWISE NOTED.
18. SANITARY PIPES WHERE INVERT DEPTH IS LESS THAN FOUR (4) FEET BELOW FINISHED GRADE, SHALL BE EXTRA HEAVY DUCTILE IRON PIPE (ASTM746) AND INSULATED.
19. NEW SEWER AND DRAIN CONNECTIONS MUST BE CORED AND ATTACHED WITH AN INSERT-A-TEE OR APPROVED EQUAL IF FACTORY WYE IS NOT AVAILABLE OR DAMAGED.

LEGEND

EXISTING		PROPOSED
□	GRANITE BOUND FOUND	
	UTILITY POLE	
	GUY WIRE	
	GUY POLE	
	SIGN	
	POST	
	BOLLARD	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
G	UNDERGROUND GAS LINE	G
W	UNDERGROUND WATER LINE	W
E	UNDERGROUND ELECTRIC LINE	E
S	UNDERGROUND SEWER LINE	S
D	UNDERGROUND DRAIN LINE	D
	DRAIN MANHOLE (DMH)	
	SEWER MANHOLE (SMH)	
	CATCH BASIN (CB)	
	GAS/WATER GATE	
	HYDRANT	
	BUSH	
	LOCUS PROPERTY LINE (±)	
	ADJOINERS PROPERTY LINE (±)	
OHW	OVERHEAD WIRE	
	TREELINE	
#	HISTORIC UTILITY LINE (G/W/E/S/D)	
	HISTORIC BUILDING LOCATION	
255	MAJOR CONTOUR LINE	255
254	MINOR CONTOUR LINE	254
	FENCE	X
	GUARD RAIL	

ABBREVIATIONS

BIT CONC	BITUMINOUS CONCRETE
CONC	CONCRETE
HDPE	HIGH-DENSITY POLYETHYLENE
EOP	EDGE OF PAVEMENT
VGC	VERTICAL GRANITE CURB
PCC	PRECAST CONCRETE CURB
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
TYP	TYPICAL
CO	CLEAN OUT
RIM	RIM ELEVATION
INV	INVERT ELEVATION
R&D	REMOVE AND DEMOLISH
HC	HANDICAP RAMP
VE	VERTICAL ELLIPTICAL
TC/BC	TOP OF CURB/BOTTOM OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL (SURFACE GRADE)
BS	BACK OF SIDEWALK
SSD	SUB SOIL DRAIN
LA	LANDSCAPE ARCHITECT
UD	UNDER DRAIN / SUB DRAIN

APPLICANT: TOWN OF NORTH ATTLEBOROUGH
RECORD OWNER: INHABITANTS OF THE TOWN OF NORTH ATTLEBOROUGH
PARCEL 34-110 (2493/164)
PARCEL 33-129 (852/221)
PARCEL 33-65 (1664/146)
PARCEL 34-111 (1664/147)
PARCEL 33-130 (1114/156 & 1044/258)

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GRAPHIC SCALE
80 0 40 80 160 320
(IN FEET)
1 INCH = 80 FT.

DORE + WHITTIER
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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:
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COMMONWEALTH OF MASSACHUSETTS

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
SITE PERMITTING PACKAGE
12/19/2025

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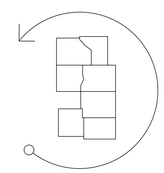
KEY PLAN



ORIENTATION AND SCALE:
N TRUE NORTH
PROJECT NORTH

SHEET TITLE:
OVERALL SITE UTILITIES

SHEET NUMBER:
C-4.0

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

LANDRY AVENUE
(PUBLIC - 60' WIDE)
(1969 TOWN LAYOUT)
(PLAN BOOK 120, PAGES 66-68)

LAURELWOOD DRIVE

JANICE LANE

MAINTENANCE BUILDING SCOPE
THE WORK SHOW FOR THE MAINTENANCE BUILDING INCLUDES DEMO & EROSION CONTROL BARRIERS, ROADWAY LANE REDUCTION, DRAINAGE IMPROVEMENTS, SEWER FORCE MAIN, AND GENERAL SITE WORK

WETLAND SERIES A

25' NO DISTURB ZONE (NOD)

100' BUFFER ZONE

WETLAND SERIES B

25' NO DISTURB ZONE (NOD)

100' BUFFER ZONE

SODDAL E-ONE PUMP SYSTEM OR EQUAL

WATER SERVICE

ELECTRIC LINE FOR LIGHT POLES (SEE LIGHTING PLAN)

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

UGI-A
CULTEC R-300HD
(128 CHAMBERS)
TOP OF STONE=239.50
TOP OF CHAMBERS=239.00
BOTTOM OF CHAMBERS=236.50
BOTTOM OF STONE=236.00

FOR REFERENCE: EXISTING EDGE OF PAVEMENT NOT INCLUDED IN MAINTENANCE BUILDING SCOPE

SEWER FORCE MAIN

APPROX LIMIT OF WORK

FOR REFERENCE: PROPOSED EDGE OF PAVEMENT NOT INCLUDED IN MAINTENANCE BUILDING SCOPE

NORTH ATTLEBORO MIDDLE SCHOOL
2 STORY BRICK BUILDING

8" CLDI WATER LINE FOR FIELD IRRIGATION

UGI-2
CULTEC R-300HD (90 UNITS)
TOP OF STONE=243.00
TOP OF CHAMBERS=242.50
BOTTOM OF CHAMBERS=240.00
BOTTOM OF STONE=239.50

RELOCATED HYDRANT & 6" GATE VALVE (TYP)

UGI-4
CULTEC R-300HD
(70 UNITS)
TOP OF STONE=242.50
TOP OF CHAMBERS=242.00
BOTTOM OF CHAMBERS=239.50
BOTTOM OF STONE=239.00

CONNECT TO EXIST WATER LINE

8" GATE VALVE

SMH-2
RIM: 244.50±
INV IN: 240.20 (A)
INV OUT: 240.20 (B)

SMH-1
RIM: 245.80±
INV IN: 240.89 (EX)
INV OUT: 240.89 (A)

8"PVC
L=74'
S=0.61%

SMH-3
RIM: 243.27±
INV IN: 239.75 (B)
INV OUT: 239.75 (A)

8"PVC
L=72'
S=0.62%

SMH-4
RIM: 242.82±
INV IN: 239.30 (A)
INV OUT: 239.30 (B)

8"PVC
L=94'
S=0.58%

SMH-5
RIM: 242.27±
INV IN: 238.75 (B)
INV OUT: 238.75 (A)

12" GATE VALVE

12" CLDI WATER LINE

WATER LINE TO BE DEMOLISHED AFTER NEW WATER SERVICE HAS BEEN INSTALLED

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

ELECTRIC LINE FOR LIGHT POLES (SEE LIGHTING PLAN)

2 STORY BRICK BUILDING

EXIST SEWER LINE AND ASSOCIATED STRUCTURES TO BE DEMOLISHED AFTER CONNECTION FROM EXISTING SERVICE TO PROPOSED LINE HAS BEEN MADE AT SMH-1

EXISTING SCHOOL BUILDING OUTLINE SHOWN FOR REFERENCE (SEE C-1.1 AND C-1.2 DEMOLITION AND EROSION CONTROL ENLARGEMENTS)

EXIST SEWER LINE AND ASSOCIATED STRUCTURES, INCLUDING TEMPORARY SERVICE TO BE REMOVED WITH THE DEMOLITION OF THE EXISTING SCHOOL BUILDING

12" GATE VALVE
CONNECT TO EXIST WATER LINE

WATER LINE TO BE DEMOLISHED AFTER NEW WATER SERVICE HAS BEEN INSTALLED

CONNECT TO EXISTING GAS LINE

SLOT DRAIN BY RECORD

6" PERFORATED PVC

10" PERFORATED PVC

SEE SHEET C-4.2

SEE SHEET C-4.2

TEMP

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT.

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ERIC S. WILHELMSEN
CIVIL
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REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE UTILITIES ENLARGEMENT

SHEET NUMBER:
C-4.1

SEE SHEET C-4.1

MAPLE LANE

WATER LINE TO BE DEMOLISHED AFTER NEW WATER SERVICE HAS BEEN INSTALLED

CONNECT TO EXISTING GAS LINE

RELOCATED HYDRANT & 6" GATE VALVE (TYP)

EXIST GAS LINE TO BE REMOVED AFTER NEW LINE HAS BEEN INSTALLED

CONNECT NEW SEWER TO EXISTING MANHOLE INV= 239.99

CONNECT EXIST PIPE FROM FIELD TO DRAINAGE SYSTEM INV=243.33±

CONNECT EXIST PIPE FROM FIELD TO DRAINAGE SYSTEM INV=239.50±

12" CLDI WATER LINE

SMH-14 RIM: 244.80± INV IN: 238.05 (A) INV OUT: 238.20 (B)

UGI-9 CULTEC R-300HD (1,950 UNITS) TOP OF STONE=240.0 TOP OF CHAMBERS=239.5 BOTTOM OF CHAMBERS=237.0 BOTTOM OF STONE=236.5

CONNECT WATER LINE FOR FIELD IRRIGATION SYSTEM (SEE IRRIGATION PLANS)

4" GATE VALVE

6" GATE VALVE

TRANSFORMERS (SEE MEP PLANS) REFER TO LA PLANS FOR CONCRETE PAD INFORMATION

GENERATOR (SEE MEP PLANS) REFER TO LA PLANS FOR CONCRETE PAD INFORMATION

APPROX LIMIT OF WORK

EXISTING SCHOOL BUILDING OUTLINE SHOWN FOR REFERENCE (SEE C-1.1 AND C-1.2 DEMOLITION AND EROSION CONTROL ENLARGMENTS)

EXIST SEWER LINE AND ASSOCIATED STRUCTURES, INCLUDING TEMPORARY SERVICE TO BE REMOVED WITH THE DEMOLITION OF THE EXISTING SCHOOL BUILDING

TEMPORARY SEWER SERVICE TO EXISTING SCHOOL

EXIST GAS LINE TO BE REMOVED DURING EXIST SCHOOL BUILDING DEMOLITION, INCLUDING TEMPORARY CONNECTION

UGI-3 CULTEC R-300HD (1,008 UNITS) TOP OF STONE=239.50 TOP OF CHAMBERS=239.00 BOTTOM OF CHAMBERS=236.50 BOTTOM OF STONE=236.00

EXIST WATER LINE TO BE REMOVED DURING EXIST SCHOOL BUILDING DEMOLITION, INCLUDING

TEMPORARY GAS SERVICE TO EXISTING HIGH SCHOOL

TEMPORARY WATER CONNECTION FOR EXISTING HIGH SCHOOL

8" CLDI WATER LINE FOR FIELD IRRIGATION

8" GATE VALVE

8"PVC L=215' S=0.97%

EXIST SEWER LINE AND ASSOCIATED STRUCTURES THAT FALL WITHIN THE NEW BUILDING FOOTPRINT TO BE DEMOLISHED AFTER NEW SEWER HAS BEEN CONNECTED TO EXISTING MANHOLE.

HYDRANT & 6" GATE VALVE (TYP)

6" CLDI WATER LINE

SMH-12 RIM: 244.20± INV IN: 237.90 (A) INV IN: 237.90 (C) 17.90 (B)

SMH-13 RIM: 244.20± INV IN: 238.10 (A) INV IN: 238.10 (B) SEWER INV OUT: 238.10 (C)

UNDERGROUND ELECTRIC LINE CONNECTION (SEE MEP PLANS)

GREASE TRAP (SEE MEP PLANS)

UNDERGROUND ELECTRIC LINE CONNECTION (SEE MEP PLANS)

4" CLDI DOMESTIC SERVICE CONNECTION (SEE MEP PLANS)

6" CLDI FIRE PROTECTION CONNECTION (SEE MEP PLANS)

EXIST SEWER LINE AND ASSOCIATED STRUCTURES THAT FALL WITHIN THE NEW BUILDING FOOTPRINT TO BE DEMOLISHED. PROVIDE TEMPORARY CONNECTION FROM EXISTING SERVICE TO NEW SEWER INFRASTRUCTURE TO REMAIN WHILE EXISTING SCHOOL IS BEING USED.

EXIST WATER LINE THAT FALL WITHIN THE NEW BUILDING FOOTPRINT TO BE DEMOLISHED. PROVIDE TEMPORARY CONNECTION FROM EXISTING SERVICE TO NEW WATER LINE TO REMAIN WHILE EXISTING SCHOOL IS BEING USED.

EXIST GAS LINE WITHIN THE NEW BUILDING FOOTPRINT TO BE DEMOLISHED. INSTALL NEW GAS LINE AND PROVIDE TEMPORARY CONNECTION TO REMAIN WHILE EXISTING SCHOOL IS BEING USED.

SMH-11 RIM: 245.20± INV IN: 236.80 (B) INV OUT: 236.80 (A)

8"PVC L=52' S=0.76%

APPROXIMATE LOCATION OF SUPPLY AND RETURN MAINS (SEE GEOTHERMAL WELLFIELD LAYOUT PLAN)

GAS LINE (SEE MEP PLANS)

SMH-10 RIM: 245.40± INV IN: 236.40 (A) INV OUT: 236.40 (B)

8"PVC L=360' S=0.80%

SMH-9 RIM: 244.95± INV IN: 233.50 (B) INV OUT: 233.50 (A)

8"PVC L=83' S=0.83%

8"PVC L=131' S=0.40%

CONNECT TO EXISTING WATER LINE

HYDRANT & 6" GATE VALVE (TYP)

UGI-8 CULTEC R-300HD (120 UNITS) TOP OF STONE=233.80 TOP OF CHAMBERS=235.00 BOTTOM OF CHAMBERS=232.50 BOTTOM OF STONE=232.00

12" CLDI WATER LINE

12" GATE VALVES

EX SMH-2 RIM: 244.50± INV IN: 232.98 (A) INV IN: 232.98 (B) INV OUT: 232.88 (EX)

SMH-8 RIM: 241.60± INV IN: 233.50 (A) INV OUT: 233.50 (B)

ELECTRIC LINE FOR LIGHT POLES (SEE LIGHTING PLAN)

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

ELECTRIC LINE FOR LIGHT POLES (SEE LIGHTING PLAN)

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

APPROXIMATE LOCATION OF PROPOSED 850' DEEP GEOTHERMAL WELLS (SEE GEOTHERMAL WELLFIELD LAYOUT PLAN)

APPROX LIMIT OF WORK

SEE SHEET C-4.1

SMH-5 RIM: 242.27± INV IN: 238.75 (B) INV OUT: 238.75 (A)

APPROX LIMIT OF WORK

8"PVC L=300' S=0.93%

8"PVC L=162' S=0.42%

SMH-6 RIM: 241.60± INV IN: 235.95 (A) INV IN: 235.95 (8 Inch PVC) INV OUT: 235.95 (B)

UNDERGROUND ELECTRIC DUCT BANK (SEE MEP PLANS)

12" CLDI WATER LINE

8"PVC L=300' S=1.52%

SMH-7 RIM: 241.80± INV IN: 234.40 (B) INV OUT: 234.40 (A)

8"PVC L=211' S=0.43%

UGI-6 CULTEC R-300HD (600 UNITS) TOP OF STONE=238.50 TOP OF CHAMBERS=238.00 BOTTOM OF CHAMBERS=235.50 BOTTOM OF STONE=235.00

UGI-7 CULTEC R-300HD (54 UNITS) TOP OF STONE=235.90 TOP OF CHAMBERS=235.40 BOTTOM OF CHAMBERS=232.90 BOTTOM OF STONE=232.40

HYDRANT & 6" GATE VALVE (TYP)

EAST STREET

STODDARD DRIVE

SHED

SHED

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT.

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
Civil
No. 41596
REGISTERED PROFESSIONAL ENGINEER
6/6/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE UTILITIES ENLARGEMENT

SHEET NUMBER:
C-4.2

CONNECT EXIST PIPE FROM FIELD TO DRAINAGE SYSTEM INV=239.50±

SLOT DRAIN BY RECORD

12" CLDI WATER LINE

SMH-12
RIM: 244.20±
INV IN: 237.90 (A)
INV IN: 237.90 (C)
INV OUT: 237.90 (B)

SMH-13
RIM: 244.20±
INV IN: 238.10 (A)
INV IN: 238.10 (B)
INV OUT: 238.10 (C)

SMH-14
RIM: 244.80±
INV IN: 238.05 (A)
INV OUT: 238.20 (B)

SEWER CONNECTION (SEE MEP PLANS)

UNDERGROUND ELECTRIC LINE CONNECTION (SEE MEP PLANS)

GREASE TRAP (SEE MEP PLANS)

UNDERGROUND ELECTRIC LINE CONNECTION (SEE MEP PLANS)

4" CLDI DOMESTIC SERVICE CONNECTION (SEE MEP PLANS)

6" CLDI FIRE PROTECTION CONNECTION (SEE MEP PLANS)

UGI-9
CULTEC R-300HD (1,950 UNITS)
TOP OF STONE=240.0
TOP OF CHAMBERS=239.5
BOTTOM OF CHAMBERS=237.0
BOTTOM OF STONE=236.5

CONNECT WATER LINE FOR FIELD IRRIGATION SYSTEM (SEE IRRIGATION PLANS)

4" GATE VALVE

6" GATE VALVE

APPROX LIMIT OF WORK

CB 241.00

TRANSFORMERS (SEE MEP PLANS) REFER TO LA PLANS FOR CONCRETE PAD INFORMATION

GENERATOR (SEE MEP PLANS) REFER TO LA PLANS FOR CONCRETE PAD INFORMATION

SMH-11
RIM: 245.20±
INV IN: 236.80 (B)
INV OUT: 236.80 (A)

APPROXIMATE LOCATION OF SUPPLY AND RETURN MAINS (SEE GEOTHERMAL WELLFIELD LAYOUT PLAN)

8"PVC
L=52'
S=5.76%

GAS LINE (SEE MEP PLANS)

SMH-10
RIM: 245.40±
INV IN: 236.40 (A)
INV OUT: 236.40 (B)

8"PVC
L=360'
S=0.80%

12" CLDI WATER LINE

CB 242.00

ELECTRIC LINE FOR LIGHT POLES (SEE LIGHTING PLAN)

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

APPROXIMATE LOCATION OF PROPOSED 850' DEEP GEOTHERMAL WELLS (SEE GEOTHERMAL WELLFIELD LAYOUT PLAN)

SEE SHEET C-4.5

SEE SHEET C-4.4

SEE SHEET C-4.4

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 20 FT.

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REGISTERED PROFESSIONAL ENGINEER
12/19/2025

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE UTILITIES ENLARGEMENT

SHEET NUMBER:
C-4.3

SEE SHEET C-4.5

12" CLDI WATER LINE

SMH-12
RIM: 244.20±
INV IN: 237.90 (A)
INV IN: 237.90 (C)
INV OUT: 237.90 (B)

SMH-13
RIM: 244.20±
INV IN: 238.10 (A)
INV IN: 238.10 (B)
INV OUT: 238.10 (C)

SMH-14
RIM: 244.80±
INV IN: 238.05 (A)
INV OUT: 238.20 (B)

SEWER CONNECTION (SEE MEP PLANS)

UNDERGROUND ELECTRIC LINE CONNECTION (SEE MEP PLANS)

GREASE TRAP (SEE MEP PLANS)

UNDERGROUND ELECTRIC LINE CONNECTION (SEE MEP PLANS)

4" CLDI DOMESTIC SERVICE CONNECTION (SEE MEP PLANS)

6" CLDI FIRE PROTECTION CONNECTION (SEE MEP PLANS)

4" GATE VALVE

6" GATE VALVE

SMH-11
RIM: 245.20±
INV IN: 236.80 (B)
INV OUT: 236.80 (A)

APPROXIMATE LOCATION OF SUPPLY AND RETURN MAINS (SEE GEOTHERMAL WELLFIELD LAYOUT PLAN)

GAS LINE (SEE MEP PLANS)

8"PVC
L=50'
S=0.76%

SMH-10
RIM: 245.40±
INV IN: 236.40 (A)
INV OUT: 236.40 (B)

SEE SHEET C-4.3

CB 242.00

8"PVC
L=360'
S=0.80%

UGI-8
CULTEC R-300HD (120 UNITS)
TOP OF STONE=235.80
TOP OF CHAMBERS=235.00
BOTTOM OF CHAMBERS=232.50
BOTTOM OF STONE=232.00

CONNECT TO EXISTING WATER LINE

HYDRANT & 6" GATE VALVE (TYP)

SMH-9
RIM: 244.95±
INV IN: 233.50 (B)
INV OUT: 233.50 (A)

8"PVC
L=63'
S=0.83%

8"PVC
L=131'
S=0.40%

12" CLDI WATER LINE

12" GATE VALVES

SMH-8
RIM: 241.60±
INV IN: 233.50 (A)
INV OUT: 233.50 (B)

EX SMH-2
RIM: 244.50±
INV IN: 232.98 (A)
INV IN: 232.98 (B)
INV OUT: 232.88 (EX)

8"PVC
RIM: 244.54
INV: 234.94

8"PVC
RIM: 238.98
INV: 233.38

APPROXIMATE GAS LINE

8"PVC SEWER

SMH-7
RIM: 241.80±
INV IN: 234.40 (B)
INV OUT: 234.40 (A)

8"PVC
L=211'
S=0.43%

UGI-6
CULTEC R-300HD
(600 UNITS)
TOP OF STONE=238.50
TOP OF CHAMBERS=238.00
BOTTOM OF CHAMBERS=235.50
BOTTOM OF STONE=235.00

ELECTRIC LI
FOR LIGHT
(SEE LIGHTI
PLAN)

LIGHT PO
(SEE LIGH
PLAN)

SEE SHEET C-4.5

ELECTRIC LINE
R LIGHT POLES
(SEE LIGHTING
PLAN)

IGHT POLE (TYP)
(SEE LIGHTING
PLAN)

APPROXIMATE LOCATION OF PROPOSED 850' DEEP GEOTHERMAL WELLS (SEE GEOTHERMAL WELLFIELD LAYOUT PLAN)

APPROX LIMIT OF WORK

UGI-7
CULTEC R-300HD (54 UNITS)
TOP OF STONE=235.90
TOP OF CHAMBERS=235.40
BOTTOM OF CHAMBERS=232.90
BOTTOM OF STONE=232.40

HYDRANT & 6" GATE VALVE (TYP)

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER
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North Attleborough High School

1 Wilson West Whitty Way
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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE UTILITIES ENLARGEMENT

SHEET NUMBER:

C-4.4

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

12" GATE VALVE CONNECT TO EXIST WATER LINE

SEE SHEET C-4.9

SEE SHEET C-4.6

CONNECT TO EXISTING GAS LINE

CONNECT NEW SEWER TO EXISTING MANHOLE INV= 239.99

FLAT DRAIN PIPE LAID ON RUBBWADE

UGI-3
CULTEC R-300HD (1,008 UNITS)
TOP OF STONE=239.50
TOP OF CHAMBERS=239.00
BOTTOM OF CHAMBERS=236.50
BOTTOM OF STONE=236.00

TEMPORARY SEWER SERVICE TO EXISTING SCHOOL

TEMPORARY GAS SERVICE FOR EXISTING HIGH SCHOOL (TO BE REMOVED ONCE THE EXIST SCHOOL IS DEMOLISHED)

TEMPORARY WATER CONNECTION FOR EXISTING HIGH SCHOOL

8" CLDI WATER LINE FOR FIELD IRRIGATION

HYDRANT & 6" GATE VALVE (TYP)

8" GATE VALVE

6" CLDI WATER LINE

12" CLDI WATER LINE

SEWER CONNECTION (SEE MEP PLANS)

UNDERGROUND ELECTRIC LINE CONNECTION (SEE MEP PLANS)

GREASE TRAP (SEE MEP PLANS)

SEE SHEET C-4.3

SEE SHEET C-4.4

ELECTRIC LINE FOR LIGHT POLES (SEE LIGHTING PLAN)

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

APPROX LIMIT OF WORK

UNDERGROUND ELECTRIC DUCT BANK (SEE MEP PLANS)

12" CLDI WATER LINE

SMH-4
RIM: 242.82±
INV IN: 239.30 (A)
INV OUT: 239.30 (B)

SMH-5
RIM: 242.27±
INV IN: 238.75 (B)
INV OUT: 238.75 (A)

SMH-6
RIM: 241.60±
INV IN: 235.95 (A)
INV IN: 235.95 (8 Inch PVC)
INV OUT: 235.95 (B)

SMH-12
RIM: 244.20±
INV IN: 237.90 (A)
INV IN: 237.90 (C)
INV OUT: 237.90 (B)

SMH-13
RIM: 244.20±
INV IN: 238.10 (A)
INV IN: 238.10 (B)
INV OUT: 238.10 (C)

SMH-14
RIM: 244.80±
INV IN: 238.05 (A)
INV OUT: 238.20 (B)

8"PVC L=94' S=0.58%

8"PVC L=300' S=0.93%

8"PVC L=162' S=0.42%

8"PVC L=215' S=0.97%

8"PVC L=300' S=0.52%

CB 242.50

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 20 FT.

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PROJECT NUMBER: 24-0856

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No. 41596
REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE UTILITIES ENLARGEMENT

SHEET NUMBER:
C-4.5

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

SEE SHEET C-4.8

SEE SHEET C-4.7

SEE SHEET C-3.9

SEE SHEET C-4.5

SEE SHEET C-4.5

NORTH ATTLEBORO MIDDLE SCHOOL

2 STORY BRICK BUILDING

OIL SEPERATOR

RIM=247.98
INV(1)=243.18
8"PVC

CB 233.00

8"W

RELOCATED HYDRANT & 6" GATE VALVE (TYP)

UGI-2
CULTEC R-300HD (90 UNITS)
TOP OF STONE=243.00
TOP OF CHAMBERS=242.50
BOTTOM OF CHAMBERS=240.00
BOTTOM OF STONE=239.50

RIM=250.90
INV(FL)=243.14

RIM=250.42
INV(FL)=243.72

RIM=250.48
INV(FL)=244.63

8"PVC

CONNECT TO EXIST WATER LINE

UGI-4
CULTEC R-300HD
(70 UNITS)
TOP OF STONE=242.50
TOP OF CHAMBERS=242.00
BOTTOM OF CHAMBERS=239.50
BOTTOM OF STONE=239.00

SMH-2
RIM: 244.50±
INV IN: 240.20 (A)
INV OUT: 240.20 (B)

SMH-1
RIM: 245.80±
INV IN: 240.89 (EX)
INV OUT: 240.89 (A)

8"PVC
L=110'
S=0.62%

CONNECT TO EXIST WATER LINE

12" GATE VALVE

WATER LINE TO BE DEMOLISHED AFTER NEW WATER SERVICE HAS BEEN INSTALLED

12" CLDI WATER LINE

CB 242.00

CB 242.00

8"PVC
L=74'
S=0.61%

SMH-3
RIM: 243.27±
INV IN: 239.75 (B)
INV OUT: 239.75 (A)

8"PVC
L=72'
S=0.62%

SMH-4
RIM: 242.82±
INV IN: 239.30 (A)
INV OUT: 239.30 (B)

8"PVC
L=94'
S=0.58%

SMH-5
RIM: 242.27±
INV IN: 238.75 (B)
INV OUT: 238.75 (A)

RIM=245.37
INV(1)=238.57
INV(2)=238.07

EXIST SEWER LINE AND ASSOCIATED STRUCTURES TO BE DEMOLISHED AFTER CONNECTION FROM EXISTING SERVICE TO PROPOSED LINE HAS BEEN MADE AT SMH-1

EXISTING SCHOOL BUILDING OUTLINE SHOWN FOR REFERENCE (SEE C-1.1 AND C-1.2 DEMOLITION AND EROSION CONTROL ENLARGMENTS)

EXIST SEWER LINE AND ASSOCIATED STRUCTURES, INCLUDING TEMPORARY SERVICE TO BE REMOVED WITH THE DEMOLITION OF THE EXISTING SCHOOL BUILDING

RIM=246.19
8"PVC

12" GATE VALVE
CONNECT TO EXIST WATER LINE

WATER LINE TO BE DEMOLISHED AFTER NEW WATER SERVICE HAS BEEN INSTALLED

6" PERFORATED PVC

BY RECORD

CONNECT TO

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

12/19/25

REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE UTILITIES ENLARGEMENT

SHEET NUMBER:
C-4.6

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

500GAL
E-ONE PUMP
SYSTEM
OR EQUAL

WATER SERVICE

ELECTRIC LINE
FOR LIGHT POLES
(SEE LIGHTING
PLAN)

LIGHT POLE (TYP)
(SEE LIGHTING
PLAN)

UGI-A
CULTEC R-300HD
(128 CHAMBERS)
TOP OF STONE=239.50
TOP OF CHAMBERS=239.00
BOTTOM OF CHAMBERS=236.50
BOTTOM OF STONE=236.00

SEWER
FORCE
MAIN

APPROX LIMIT
OF WORK

CB 233.00

CB 233.00

CB 233.00

SEE SHEET C-4.8

SEE SHEET C-4.9

SEE SHEET C-4.6

NORTH ATTLEBORO
MIDDLE SCHOOL

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:

SITE UTILITIES
ENLARGEMENT

SHEET NUMBER:

C-4.7

LANDRY AVENUE
(PUBLIC – 60' WIDE)
(1969 TOWN LAYOUT)
(PLAN BOOK 120, PAGES 66–68)

14A
13A
12A
11A
10A
9A
8A
7A
6A
5A
4A
3A
2A
1A

25' NO DISTURB ZONE (NDZ)

WETLAND SERIES A

100' BUFFER ZONE

ONLY ONLY

CB 233.00

SEE SHEET C-4.7

12B
13B
11B
10B
9B
8B
7B
6B
5B
4B

WETLAND SERIES B

25' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

ELECTRIC LINE FOR LIGHT POLES (SEE LIGHTING PLAN)

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

SEE SHEET C-4.9

SEE SHEET C-4.6

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

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North Attleborough High School

1 Wilson West Whitty Way
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PROJECT NUMBER: 24-0856

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ERIC S. WILHELMSEN
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REGISTERED PROFESSIONAL ENGINEER
12/19/25

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH

SHEET TITLE:
SITE UTILITIES ENLARGEMENT

SHEET NUMBER:
C-4.8

SEE SHEET C-4.8

SEE SHEET C-4.7

WETLAND SERIES B

25' NO DISTURB ZONE (NDZ)

100' BUFFER ZONE

8" CLDI WATER LINE FOR FIELD IRRIGATION

APPROX LIMIT OF WORK

8" GATE VALVE

CONNECT TO EXIST WATER LINE

LIGHT POLE (TYP) (SEE LIGHTING PLAN)

ELECTRIC LINE FOR LIGHT POLES (SEE LIGHTING PLAN)

1 STORY BRICK BUILDING

1 STORY BRICK BUILDING

UGI-2
CULTEC
TOP OF
TOP OF
BOTTOM
BOTTOM

SEE SHEET C-4.5

12" GATE VALVE
CONNECT TO
EXIST WATER LINE

SLOT DRAIN BY RECORD

8" PERFORATED PVC

6" PERFORATED PVC

WATER LINE TO BE DEMOLISHED AFTER NEW WATER SERVICE HAS BEEN INSTALLED

JANICE LANE

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

GENERAL NOTES

1. SEE GENERAL CONSTRUCTION AND UTILITY NOTES ON SHEET C-4.0

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

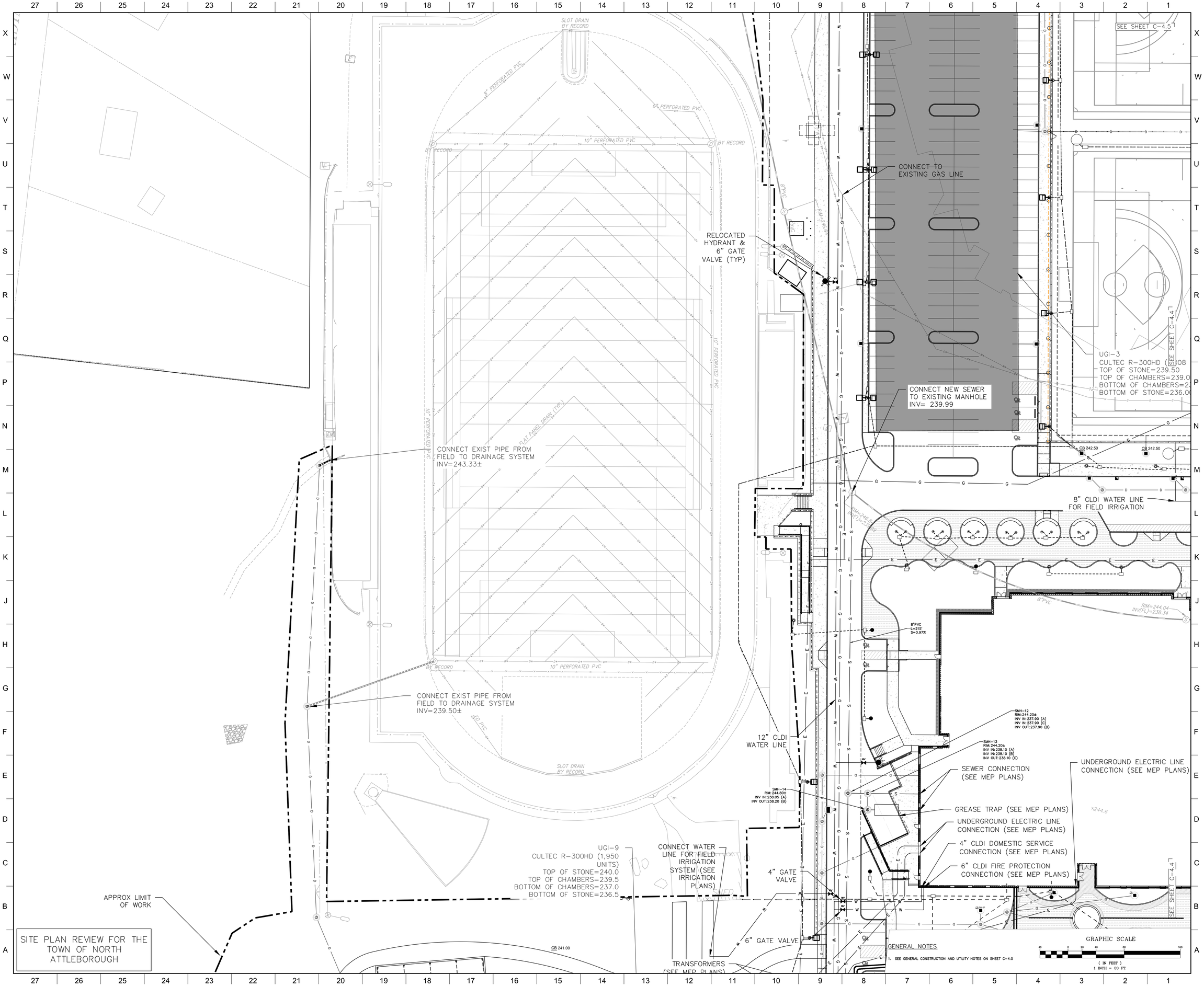
PROJECT NORTH

SHEET TITLE:

SITE UTILITIES ENLARGEMENT

SHEET NUMBER:

C-4.9



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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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12/19/2025

REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH

SHEET TITLE:

SITE UTILITIES ENLARGEMENT

SHEET NUMBER:

C-4.10

EROSION & SEDIMENTATION CONTROL NOTES:

GENERAL

1. THE PURPOSE OF THESE NOTES IS TO PRESENT A CONSTRUCTION SYSTEM THAT SHOULD MINIMIZE IMPACTS OF EROSION AND SEDIMENTATION RUNOFF DUE TO CONSTRUCTION. THE INFORMATION CONTAINED HEREIN IS TO SUPPLEMENT THE DEVELOPER OR CONTRACTOR'S EXPERTISE AND IS NOT MEANT TO CIRCUMVENT LOGICAL DECISIONS REQUIRED BY A VARIETY OF FIELD CONDITIONS INCLUDING WEATHER AND THE TYPE OF EQUIPMENT AVAILABLE TO THE CONTRACTOR.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, SEDIMENT CONTROL BARRIERS SHALL BE INSTALLED AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN THE BARRIERS UNTIL ALL WORK IS COMPLETE AND ALL AREAS HAVE BEEN STABILIZED. THE REMOVAL OF SEDIMENT CONTROL DEVICES SHALL BE ONLY UPON THE APPROVAL OF THE DESIGNER AND OWNER.
3. SEDIMENTATION AND EROSION CONTROL DEVICES ARE TO BE INSTALLED AS SHOWN ON THE DRAWING AND SPECIFICATIONS, OR AS REQUIRED BY VARYING FIELD CONDITIONS INCLUDING WEATHER AND SPECIFIC CONSTRUCTION REQUIREMENTS. THE EROSION CONTROL AS SHOWN IS A MINIMUM REQUIREMENT. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED ON A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY THE CONTRACTOR FOR THIS PROJECT, OR AS CHANGING SITE CONDITIONS WARRANT.
4. THE FUNCTIONING OF TEMPORARY MITIGATIVE MEASURES OR CONSTRUCTION OPERATIONS SHALL NOT CAUSE NOTICEABLE SEDIMENTATION PLUMES. THE CONTRACTOR SHALL STOP WORK AND INSTALL SEDIMENTATION CONTROL DEVICES IMMEDIATELY TO PREVENT FURTHER SEDIMENTATION.
5. NO MATERIAL SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN 100 FEET OF ANY WETLAND AREAS.
6. ACCUMULATED SEDIMENT SHALL BE PERIODICALLY REMOVED FROM THE EROSION CONTROL DEVICES AND DISPOSED OF BY THE CONTRACTOR AS REQUIRED OR WHEN DIRECTED BY THE DESIGNER OR OWNER.
7. SOIL AND SLOPE STABILIZATION SHALL PRESUMED TO BE ATTAINED WHEN THE VEGETATION HAS ACHIEVED AT LEAST 75% GROUND COVER BY A HEALTHY STAND OF GRASS FOR THE SPECIFIED MIX OF SPECIES.
8. THE CONTRACTOR WILL DESIGNATE A PERSON TO BE THE EROSION CONTROL OFFICER FOR THE PROJECT TO INSURE PROPER MAINTENANCE OF MITIGATING MEASURES. THE NAME OF THIS PERSON WILL BE PROVIDED TO THE DESIGNER AND OWNER.

DEMARCATION OF AREAS

1. BARRIERS SHALL BE PLACED ON THE SITE TO CONTROL THE LIMITS OF DISTURBANCE. AS AN EXAMPLE, STRAW BALE BARRIERS PROVIDE DEMARCATION AND OTHER METHODS SUCH AS LOG BARRIERS, ROPE AND FLAGGING, ETC... MAY BE UTILIZED.
2. CARE SHOULD BE TAKEN IN THE OPERATION OF EQUIPMENT SUCH THAT ONLY THE MINIMUM AREA NEEDED TO BE ALTERED IS DISTURBED.

EROSION AND SEDIMENT CONTROL METHODS

1. EROSION CONTROL BARRIERS SUCH AS STRAW BALE, SILT FENCES AND MULCH SHALL BE BROUGHT TO THE SITE AND STOCKPILED PRIOR TO INITIATING CONSTRUCTION. A RESERVE STOCKPILE SHALL BE ON SITE AT ALL TIMES FOR USE DURING EMERGENCY SITUATIONS.
2. THE PRIMARY EROSION CONTROL METHOD TO BE UTILIZED IS TO LIMIT THE AREA OF DISTURBANCE AND PROMPT STABILIZATION OF DISTURBED AREAS.
3. EROSION AND SEDIMENT CONTROL DEVICES SUCH AS STRAW BALES, SILT FENCES, DIVERSION BERMS, ETC... SHALL BE UTILIZED FOR THE PROTECTION OF THE AREAS BEYOND THE LIMITS OF CONSTRUCTION.
4. ALL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND GOOD CONSTRUCTION PRACTICE.
5. THE CONCENTRATION OF UNCONTROLLED RUNOFF SHALL BE AVOIDED IN ORDER TO PREVENT THE TRANSPORTATION OF SEDIMENT.
6. CONTRACTORS SHALL MAKE EVERY REASONABLE EFFORT TO RETAIN SEDIMENT ON SITE AND PREVENT SEDIMENT MIGRATION TO OUTSIDE THE WORK AREA.
7. OFF-SITE MIGRATION OF SEDIMENT THROUGH VEHICLE TRAFFIC IN AND OUT OF SITE SHALL BE ADDRESSED WITH CONSTRUCTION SWEEPING AS DIRECTED BY THE LOCAL HIGHWAY SUPERINTENDENT, TOWN ENGINEER, OR OWNER.
8. SEDIMENT SHALL BE REMOVED FROM ANY SEDIMENT TRAPS OR PONDS WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
9. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER SHALL BE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER RUNOFF.
10. OFF-SITE MATERIAL STORAGE AREAS, INCLUDING SOIL STOCKPILES AND BORROW PITS, USED SOLELY BY THE PERMITTED PROJECT, ARE CONSIDERED PART OF THE PROJECT UNDER THIS PERMIT AND ARE THEREFORE SUBJECT TO THE SAME RESTRICTIONS AND CONDITIONS OF A NPDES PERMIT APPLICABLE TO THIS PROJECT(IF ANY).
11. CONCRETE WASHOUT LOCATIONS SHALL BE LOCATED OUTSIDE OF RESOURCE AREAS AND THEIR ASSOCIATED BUFFER ZONE SETBACKS.
12. SNOW DUMPING AREAS SHALL BE LOCATED MORE THAN 100 FEET FROM WETLAND RESOURCE AREAS.

STABILIZATION PRACTICES

1. ALL SOIL SLOPES OF 2:1 OR GREATER SHALL BE STABILIZED WITH CURLEX BIODEGRADEABLE ENVIRONMENTAL MATTING OR EQUAL UNLESS OTHERWISE SPECIFIED. ALL OTHER SLOPES AND STORMWATER BASINS (TEMPORARY OR PERMANENT) SHALL BE STABILIZED WITH THE APPLICATION OF ECOAEGIS SPRAY MIX OR EQUAL. REMAINING AREAS SHALL BE LOAMED AND SEEDED WITH THE SPECIFIED SEED MIX.
2. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: ESTABLISHMENT OF TEMPORARY VEGETATION, ESTABLISHMENT OF PERMANENT VEGETATION, MULCHING, GEOTEXTILES, SOD STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES AND EXISTING VEGETATION, AND OTHER APPROPRIATE MEASURES.
3. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
4. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE. INCLUDING THE TIMELY REMOVAL OF SNOW COVER TO ALLOW STABILIZATION MEASURES TO BE PUT DIRECTLY IN CONTACT WITH THE SOIL SURFACE.
5. WHERE CONSTRUCTION ACTIVITY ON A SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

STRUCTURAL PRACTICES

1. STRUCTURAL PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: SILT FENCES, STRAW BALES, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, CHECK DAMS, SUBSURFACE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY AND PERMANENT SEDIMENT BASINS.
2. PRIOR TO BEGINNING WORK, CONTRACTOR SHALL INSTALL EROSION CONTROL BARRIERS AS SHOWN ON PLANS IN AREAS WHERE WORK IS PLANNED. PERMANENT STORM WATER MANAGEMENT BASINS SHOWN ON PLANS MAY BE USED AS TEMPORARY SEDIMENTATION BASINS DURING CONSTRUCTION. CONTRACTOR SHALL CONSTRUCT BERMS, SWALES OR OTHER MEASURES TO DIRECT STORM WATER TO TEMPORARY BASINS DURING CONSTRUCTION. WHERE STORM WATER CANNOT BE DIRECTED TO PERMANENT BASIN AREAS, TEMPORARY BASINS SHALL BE CONSTRUCTED WITH A VOLUME OF 3,600 CUBIC FEET PER ACRE OF AREA DIRECTED TO BASIN.

GENERAL SITE MAINTENANCE

1. UNDER NO CONDITIONS SHALL SOLID MATERIALS, INCLUDING BUILDING MATERIALS, BE DISCHARGED TO WATERS OF THE UNITED STATES EXCEPT AS MAY BE AUTHORIZED BY PERMIT UNDER SECTION 404 OF THE CLEAN WATERS ACT.
2. DUST SHALL BE CONTROLLED BY WATERING AS SITE CONDITIONS DEMAND.
3. STABILIZED STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO BEGINNING EARTHWORK. IF STONE VOIDS IN STONE IN CONSTRUCTION ENTRANCE BECOME COMPLETELY FILLED WITH SEDIMENT, STONE SHALL BE REMOVED AND REPLACED WITH CLEAN STONE.
4. ALL EROSION CONTROL MEASURES AND OTHER PROTECTIVE MEASURES USED ON THE SITE MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION. IF SITE INSPECTIONS IDENTIFY BMPS THAT ARE NOT FUNCTIONING, MAINTENANCE SHALL BE PERFORMED BEFORE THE NEXT ANTICIPATED STORM EVENT, OR AS NECESSARY TO MAINTAIN THE CONTINUED EFFECTIVENESS OF STORM WATER CONTROLS. IF MAINTENANCE PRIOR TO THE NEXT ANTICIPATED STORM EVENT IS IMPRACTICABLE, MAINTENANCE MUST BE SCHEDULED AND ACCOMPLISHED AS SOON AS PRACTICABLE.

INSPECTIONS

1. INSPECTIONS MUST BE CONDUCTED AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
2. INSPECTIONS MAY BE REDUCED TO ONCE A MONTH IF THE ENTIRE SITE IS TEMPORARILY STABILIZED OR IF THE GROUND SURFACE IS STABILIZED BY SNOW, ICE OR FROZEN GROUND.
3. INSPECTIONS MUST BE CONDUCTED BY A PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICE OF EROSION AND SEDIMENT CONTROL WHO POSSESSES THE SKILLS TO ASSESS CONDITION AT THE CONSTRUCTION SITE THAT COULD IMPACT STORM WATER QUALITY AND TO ASSESS THE EFFECTIVENESS OF ANY SEDIMENT AND EROSION CONTROL MEASURES SELECTED TO CONTROL THE QUALITY OF STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITY.
4. FOR EACH INSPECTION PERFORMED, AN INSPECTION REPORT MUST BE COMPLETED AND RETAINED AS PART OF THE SWPPP FOR AT LEAST THREE YEARS FROM THE DATE THAT PERMIT COVERAGE EXPIRES OR IS TERMINATED.

SEQUENCE OF CONSTRUCTION

1. THE CONTRACTOR SHALL PERFORM MAJOR SITE CONSTRUCTION ACTIVITIES IN A MANNER WHICH WILL INSURE THE STABILIZATION OF AREAS AS SOON AS POSSIBLE AS OUTLINED BELOW.

- INSTALL EROSION CONTROL BARRIER ALONG AREAS TO BE DISTURBED
- INSTALL CONSTRUCTION ENTRANCE(S)
- SOIL STABILIZATION
- CLEAR AND GRUB SITE
- EXCAVATE AND CONSTRUCT STORM WATER MANAGEMENT BASINS
- INSTALL UTILITIES
- EXCAVATION AND GRADING FOR BUILDING SITE
- INSTALL PAVEMENT BASE
- FINAL GRADING AND SOIL TREATMENT WITH LOAM AND SEED

ACCESS

1. ACCESS TO THE SITE SHALL BE MADE IN THE AREA OF A PERMANENT DRIVEWAY OR ROADWAY UNLESS DOING SO WOULD RESULT IN A TRAFFIC HAZARD.
2. PRIOR TO CONSTRUCTION AN AREA OF CRUSHED STONE SHALL BE PLACED AT THE DRIVEWAY ENTRANCE TO INSURE THAT MUD IS NOT TRACKED ONTO THE EXISTING ROAD (SEE CONSTRUCTION ENTRANCE). IF MUD IS INADVERTENTLY TRACKED ONTO THE ROAD IT SHOULD BE REMOVED BEFORE THE END OF THE WORK DAY.
3. LABORERS VEHICLES SHALL BE PARKED IN A DESIGNATED AREA AS TO MINIMIZE DISTURBED SURFACES AND TO INSURE THAT RUTS ARE NOT CREATED AND WHICH COULD CARRY WATER TO A WETLAND OR SENSITIVE AREA.
4. SUITABLE MEASURES SHALL BE TAKEN TO INSURE THAT LARGE DELIVERY TRUCKS SERVICING THE SITE DO NOT DAMAGE AREAS OF EXISTING VEGETATION OR CAUSE DISTURBANCE TO STABILIZED AREAS.

CLEARING

1. LAND CLEARING SHALL BE PERFORMED IN PHASES CONSISTENT WITH ACTUAL CONSTRUCTION REQUIREMENTS. FINAL LAND CLEARING SHALL BE LIMITED TO RETURN TO GRADE SLOPES.
2. TREES SHALL BE CUT AND STUMPS GROUND IN PLACE TO EXISTING GRADE TO MAINTAIN SOIL STABILIZATION.
3. BRUSH AND BRANCHES SHOULD BE CHIPPED AND UTILIZED FOR WOOD MULCH IF PRACTICAL.

GRUBBING AND STRIPPING

1. TOP SOIL SHALL BE RETAINED FOR LANDSCAPING PURPOSES.
2. GRUBBING AND STRIPPING OF STEEP SLOPES SHOULD NOT BE UNDERTAKEN DURING PERIODS OF INTENSE RAINFALL.
3. TOP SOIL SATURATED WITH WATER SHALL BE REMOVED AND CONTAINED PRIOR TO BEING USED.
4. DURING PERIODS OF INTENSE RAINFALL, OR IF THE PROJECT IS TO BE LEFT FOR A PERIOD OF TIME, CONSIDERATION SHOULD BE GIVEN TO SUPPLEMENT EXISTING EROSION CONTROL DEVICES WITH CRUSHED STONE OR ARMORED BARRIERS. CONSIDERATION SHOULD ALSO BE GIVEN TO DIVERTING RUNOFF INTO TEMPORARY SEDIMENTATION CONTROL AREAS.
5. WHENEVER PRACTICAL, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED AND SUPPLEMENTED.

ROUGH GRADING

1. THE ROUGH GRADING OF THE PAVEMENT AREAS SHALL FOLLOW STANDARD FILL AND EXCAVATION SEQUENCES, RESULTING IN SLOPES BEING MAINTAINED AS MUCH AS IS PRACTICAL.
2. DURING THIS PROCESS THE EROSION POTENTIAL IS HIGH AND SUFFICIENT EROSION CONTROL BARRIERS SHOULD BE KEPT ON SITE TO INSURE THAT NO SEDIMENT IS DISCHARGED FROM THE SITE.
3. IN EXTENSIVE AREAS OF CUT, OR WHEN TOES OF FILL COULD DIVERT WATER, METHODS SHOULD BE TAKEN TO DIVERT WATER AWAY FROM EXCAVATED OR FILLED AREAS.
4. STEEP SIDE SLOPES IN EXCAVATION OR FILL SHOULD BE AVOIDED AS MUCH AS IS PRACTICAL.
5. DISTURBED AREAS SHALL BE STABILIZED BY LOAMING AND SEEDING OR RIP RAPPED IMMEDIATELY AFTER THE FINISHED GRADE HAS BEING MET. IF FINAL GRADING DOES NOT OCCUR DURING THE GROWING SEASON, THESE AREAS SHALL BE MULCHED BY STRAW SECURED BY WEIGHTED SNOW FENCE, CHICKEN WIRE MESH OR JUTE MATTING WITH APPROPRIATE SECURING DEVICES.
6. A GROUND COVER SUFFICIENT TO RETAIN EROSION MUST BE PLANTED OR OTHERWISE PROVIDED WITHIN 30 WORKING DAYS, SEASON PERMITTING, ON ANY PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION IS NOT BEING UNDERTAKEN.

DRAINAGE

1. DRAINAGE PIPES AND SWALES ARE TO BE CONSTRUCTED FROM THE DOWNSTREAM END UP AND CONSTRUCTION SHALL INCLUDE THE PLACEMENT OF OUTFALL RIP RAP AND OTHER MITIGATION MEASURES SHOWN ON THE PLAN.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION STRAW BALES OR OTHER SUITABLE METHODS TO ENTRAP SEDIMENT SHALL BE PLACED DOWNSTREAM.
3. THE TOE OF EMBANKMENTS SHALL BE STABILIZED IMMEDIATELY, MULCHED AND TACKED DOWN BY SUITABLE MEANS.
4. IF THE PROPOSED PAVED AREAS ARE NOT PAVED IMMEDIATELY AFTER THE INSTALLATION OF DRAINAGE STRUCTURES, STRAW BALE BARRIERS SHALL BE PLACED TO PROTECT THE INTEGRITY OF THE STRUCTURES.

LANDSCAPING

1. LANDSCAPING OF AREAS SHOULD OCCUR AS SOON AS POSSIBLE.
2. IF THE SEASON OR ADVERSE WEATHER CONDITIONS DO NOT PERMIT THE ESTABLISHMENT OF VEGETATION, TEMPORARY STRAW MULCH, OR OTHER MEANS OF STABILIZATION, SHALL BE PERFORMED.
3. THE USE OF HERBICIDES MAY BE SUBJECT TO LOCAL OR STATE REGULATIONS.
4. CARE SHOULD BE TAKEN WITH FERTILIZERS SUCH THAT THEY ARE NOT CARRIED TO A WETLAND OR SENSITIVE AREA.
5. TRUNKS OF TREES SHOULD NOT BE COVERED WITH MORE THAN TWO (2) INCHES OF SOIL.
6. STUMPS MAY BE GROUND DOWN INTO A WOOD MULCH AND UTILIZED OR REMOVED FROM THE SITE.

BUILDING CONSTRUCTION

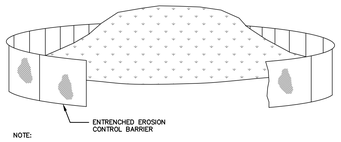
1. DURING BUILDING CONSTRUCTION MATERIALS SHALL BE STOCKPILED IN A MANNER AS TO NOT DIVERT OR CONCENTRATE RUNOFF IN ORDER TO PREVENT THE TRANSPORTATION OF SEDIMENT.
2. THE LOT SHOULD BE KEPT LITTER FREE.
3. NO FUELS, SOLVENTS, PAINTS, ETC. SHALL BE STORED ON SITE. THESE PRODUCTS SHALL BE REMOVED FROM THE SITE EACH EVENING AND RETURNED THE FOLLOWING DAY.
4. BURIAL OF CONSTRUCTION DEBRIS AND RELATED MATERIALS IS PROHIBITED.
5. PLASTERERS AND PAINTERS SHALL BE INFORMED THAT THE DISCHARGE OF LIQUIDS INTO THE DRAINAGE SYSTEM OR WETLAND OR OTHER RESOURCE AREA IS PROHIBITED.

CREATION OF STORMWATER BASINS

1. THE PRIMARY EROSION CONTROL METHOD FOR BASIN CONSTRUCTION, AS WELL AS THE SITE, IS THE RAPID STABILIZATION OF ALL SURFACES. SECONDARY IN IMPORTANCE IS TO AVOID CONCENTRATION OF RUNOFF IN ORDER TO PREVENT THE TRANSPORTATION OF SEDIMENT.
2. DURING CONSTRUCTION THE FILL AND EXCAVATION SEQUENCES SHOWN ON THIS PLAN SHOULD BE UTILIZED. THESE SEQUENCES REQUIRE THAT SLOPED AREAS LEFT FOR ANY PERIOD OF TIME SHALL NOT NOT BE SLOPED TOWARDS THE WETLAND OR SENSITIVE AREA, BUT RATHER BACK INTO THE FILL MATERIAL.
3. THE BASIN BERM IS TO BE CONSTRUCTED BY EQUIPMENT WORKING ON STABLE MATERIAL ONLY. EROSION CONTROL BARRIERS SHALL BE PLACED AT THE TOE OF SLOPE UNTIL SURFACES ARE STABILIZED.
4. NO EXCAVATION WITHIN THE BASIN SHALL COMMENCE UNTIL THE BERM IS IN PLACE.
5. CARE SHOULD BE TAKEN TO INSURE THAT ORGANIC MATERIAL REMOVED FROM THE BASIN AREA IS RESERVED FOR FINISH GRADING AND THE STABILIZATION OF DISTURBED AREAS.
7. IF DEWATERING IS NECESSARY, PUMPING TO A SETTLING BASIN SHALL BE PERMITTED IF THE BASIN IS CONSTRUCTED, MAINTAINED AND OPERATED EFFECTIVELY.
8. ADDITIONAL NOTES REGARDING THE STORMWATER BASIN CONSTRUCTION ARE SHOWN ON THE BASIN CONSTRUCTION DETAILS.
9. DURING THE CONSTRUCTION PHASE OF THIS PROJECT, STORM WATER BASINS MAY BE USED AS A SEDIMENTATION AREAS. TO ACCOMMODATE THIS DUAL USE, DURING CONSTRUCTION THE FOLLOWING MEASURES SHALL BE USED:
   - DURING CONSTRUCTION THE BASIN SHALL BE EXCAVATED TO A DEPTH OF SIX-INCHES ABOVE FINAL GRADE. WHEN THE SITE IS STABILIZED, THE BASIN SHALL BE EXCAVATED TO THE FINISHED GRADES SHOWN ON THE DESIGN PLANS. THIS WILL ALLOW THE ORIGINAL SOIL TO REMAIN IN PLACE WITHOUT BEING DISTURBED OR CLOGGED WITH SILT TO PROVIDE FOR MAXIMUM INFILTRATION FOLLOWING THE COMPLETION OF THE BASIN CONSTRUCTION.
   - A TEMPORARY SILT FENCE BAFFLE SHALL BE INSTALLED IN THE LOCATION OF THE FOREBAY CHECK DAM, OR OTHER APPLICABLE LOCATION, TO PROMOTE THE SEDIMENTATION OF FINE PARTICULATE MATTER. ALTERNATIVELY A PERMANENT FOREBAY CHECK DAM WRAPPED IN FILTER FABRIC MAY BE USED IN LIEU OF THE SILT FENCE BAFFLE.
   - SILT ELEVATION POLES SHALL BE DRIVEN VERTICALLY INTO THE BASIN BOTTOM SO THAT THE ELEVATION OF THE BASIN BOTTOM AND MAXIMUM SILT LEVEL CAN BE MARKED ON IT AND READ FROM THE BASIN PERIMETER.
   - UPON FINAL STABILIZATION OF AREAS DRAINING TO THE STORMWATER BASIN THE SILT FENCE BAFFLE WILL BE REPLACED WITH A PERMANENT FOREBAY CHECK DAM, ANY TEMPORARY FILTER FABRIC REMOVED, AND THE BASIN INTERIOR AND EXTERIOR SIDE SLOPES SHALL BE RE-GRADED AS NECESSARY TO CONFORM TO THE PROPOSED GRADES, ALL SILT SHALL BE REMOVED, AND ALL AREAS RE-STABILIZED AS REQUIRED.

CATCH BASINS AND DRAIN INLETS

1. ALL CATCH BASINS AND DRAINAGE INLETS SHALL BE PROTECTED BY STRAWBALE SILT DAMS UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED IN ALL AREAS TRIBUTARY TO THE STRUCTURE.
2. SILT SACKS SHALL BE INSTALLED IN ALL CATCH BASINS AND MAINTAINED UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED IN ALL AREAS TRIBUTARY TO THE STRUCTURE.
3. SEDIMENT SHALL BE ALLOWED TO ACCUMULATE IN THE SUMPS OF CATCH BASINS TO A DEPTH NO GREATER THAN SIX (6) INCHES.

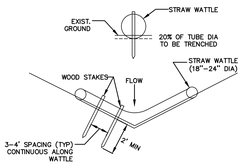


NOTE:
STABILIZE STOCKPILE WITH ANNUAL RYEGRASS, MULCH OR EROSION CONTROL BLANKETS.

1 SOIL STOCKPILE - EROSION CONTROL
(NOT TO SCALE)

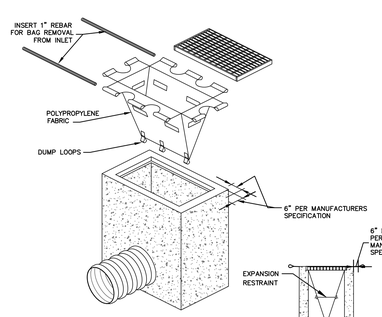
NOTES:
1. STRAW WATTLES MUST MEET THE CRITERIA OUTLINED IN THE SPECIFICATIONS BEFORE BEING UTILIZED AND BE FREE FROM DEFECTS OR TRANSPORTATION DAMAGE.
2. PROPER SITE PREPARATION IS ESSENTIAL TO ENSURE WATTLES ARE IN COMPLETE CONTACT WITH UNDERLYING SOIL. SEDIMENT TUBES ARE TO BE 18"-24" IN DIAMETER AND ARE TO BE TRENCHED 3 TO 5 INCHES.
3. WATTLES ARE TO BE INSTALLED PERPENDICULAR TO WATER FLOW.
5. THE WATTLES SHALL BE STAKED DOWN WITH 1 INCH BY 1 INCH WOOD STAKES OR 1.25 LBS/LINEAR FOOT STEEL POSTS EVERY 3 TO 4 FEET ALONG ITS LENGTH. THE STAKES SHALL BE A MINIMUM OF 2 FEET INTO THE GROUND LEAVING LESS THAN 6 INCHES OF THE STAKE ABOVE THE EXPOSED WATTLE. REFER TO THE MANUFACTURERS RECOMMENDATIONS FOR OTHER STAKING DETAILS.
6. SELECT PROPER LENGTH OF WATTLES TO MINIMIZE THE NUMBER NEEDED TO SPAN THE WIDTH OF AREA. IF NECESSARY, WATTLES CAN BE LAPPED A MINIMUM OF 6 INCHES TO PREVENT PASSAGE OF FLOW AND SEDIMENT THROUGH FIELD JOINT.
7. INSTALL WATTLES FOR DITCH CHECKS OVER BARE SOIL, MULCHED AREAS, OR EROSION CONTROL BLANKETS. KEEP WATTLES FOR DITCH CHECKS IN PLACE UNTIL FULLY ESTABLISHED VEGETATION AND ROOT SYSTEMS HAVE COMPLETELY DEVELOPED AND CAN SURVIVE ON THEIR OWN.
8. REMOVE AND/OR REPLACE INSTALLED WATTLES AS REQUIRED TO ADAPT TO CHANGING CONSTRUCTION SITE CONDITIONS. REMOVE WHEN THE FUNCTIONAL LONGEVITY IS EXCEEDED AS DETERMINED BY THE ENGINEER, INSPECTOR, OR MANUFACTURERS REPRESENTATIVE. GATHER WATTLES AND DISPOSE OF THEM IN REGULAR MEANS AS NON-HAZARDOUS INERT MATERIAL.
10. PRIOR TO FINAL STABILIZATION, BACKFILL ALL TRENCHES, DEPRESSIONS, AND OTHER GROUND DISTURBANCES CAUSED BY THE REMOVAL OF THE WATTLES.

SLOPE	ON SLOPE SPACING (FT)	MIN DIAMETER (INCH)
<6:1	50	12
6:1 – 4:1	25	20
4:1 – 2:1	20	20
2:1 – 1:1	10	20
>1:1	5	20



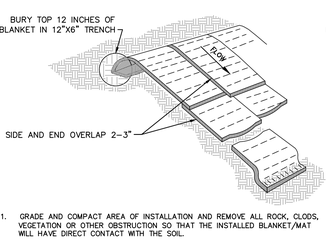
2 EROSION CONTROL BARRIER, STRAW WATTLES (TYP)
(NOT TO SCALE)

EXCAVATION SEQUENCE	FILL SEQUENCE
PHASE I: INITIATE EXCAVATION; EXISTING GRADE; WORKING FACE SHALL ALWAYS SLOPE AWAY FROM SENSITIVE AREA; WETLAND; SLOPE OF EXCAVATED AREA SHOULD BE AS REQUIRED TO INSURE ENTRAPMENT OF WATER FROM DISTURBED SURFACES; MAINTAIN SLOPE AWAY FROM DISTURBED AREAS	PHASE I: EXISTING GRADE; EXCAVATE AREAS ONLY AS REQUIRED PRIOR TO PLACEMENT OF MATERIALS; GRUB AND STRIP SITE LEAVING DIKES OF UNDISTURBED MATERIAL OR GRADE TO ENTRAP RUNOFF ON A LOCALIZED BASIS; WETLAND; INSTALL SEDIMENT ENTRAPMENT DEVICES IN PROXIMITY OF DISTURBANCE
PHASE II: LOAM AND SEED EXCAVATED AREAS AS SOON AS POSSIBLE; EXISTING GRADE; WETLAND; FINISHED GRADE; EXCAVATE TOWARDS SENSITIVE AREA WITH FACE AS SHOWN IN PHASE I WITH FINISH BASE GRADES	PHASE IIA: PLACE MATERIAL WITH SLOPE AWAY FROM SENSITIVE AREAS; WETLAND
PHASE III: EXISTING GRADE; WETLAND; FINISHED GRADE; EXCAVATE AS SHOWN IN PHASE 2 LEAVE 2 FOOT HIGH BERM UNTIL GRASS IS ESTABLISHED AT TOE OF BERM	PHASE IIB: IF MATERIAL CANNOT BE PLACED PER PHASE 2-A, PLACE MATERIAL SLOPING TO SENSITIVE AREA WITH DIVERSION DIKES DIRECTING WATER TO UNDISTURBED AREAS ADD SEDIMENT DEVICES AS REQUIRED; WETLAND
PHASE IV: REMOVE BERM ONCE AREA IS STABILIZED; EXISTING GRADE; WETLAND; FINISHED GRADE; LOAM AND SEED & MULCH BERM AREA AS REQUIRED	PHASE III: INSTALL DEVICE TO PROTECT STEEP SLOPES FROM EROSION; STABILIZE OUT-SLOPES AND MULCH IF REQUIRED; STABILIZE LOWER PORTION OF SLOPE IMMEDIATELY UPON PLACEMENT; WETLAND



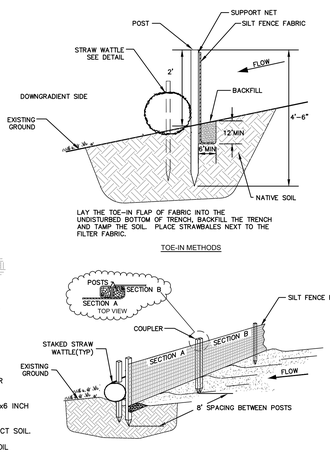
NOTES:
1. INSTALL SILT SACK IN EXISTING CATCH BASINS, BEFORE COMMENCING WORK, AND IN NEW CATCH BASINS IMMEDIATELY AFTER INSTALLATION OF STRUCTURE. MAINTAIN UNTIL BINDER COURSE PAVING IS COMPLETE OR A PERMANENT STAND OF GRASS HAS BEEN ESTABLISHED.
2. REMOVE CATCH BASIN GRATE AND INSTALL POLYPROPYLENE FABRIC OVER CATCH BASIN FRAME. REPLACE CATCH BASIN GRATE TO SECURE POLYPROPYLENE FABRIC IN PLACE. GRATE TO BE PLACED OVER SILT SACK.
3. INSTALL CATCH BASIN INLET PROTECTION PER MANUFACTURER'S SPECIFICATIONS,
4. LENGTH AND WIDTH WILL BE MANUFACTURED TO FIT THE OPENING OF THE CATCH BASIN OR DROP INLET.
5. SILT SACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE CATCH BASIN INLET PROTECTION SACK AS NEEDED.

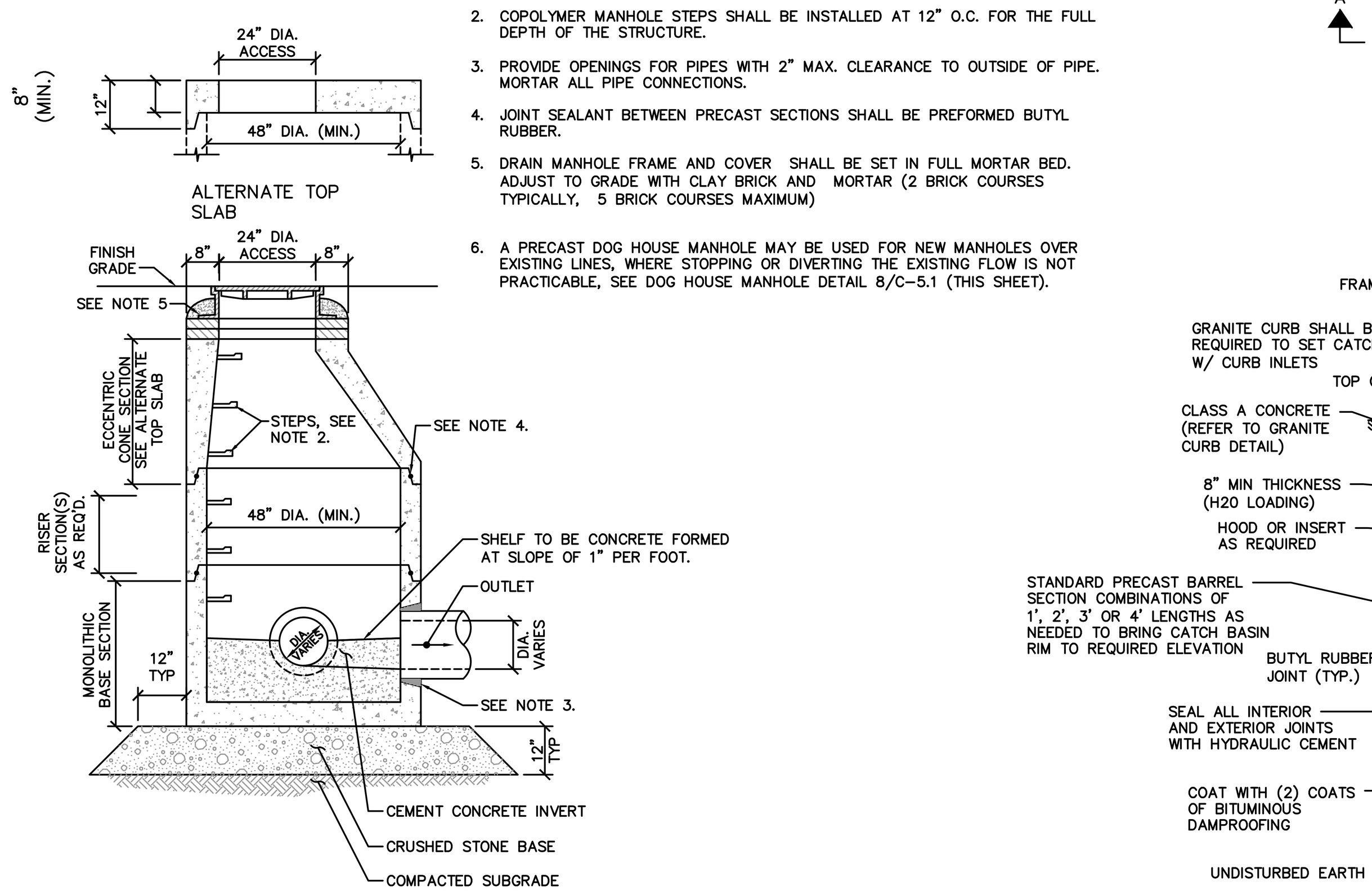
3 CATCH BASIN INLET PROTECTION
(NOT TO SCALE)



1. GRADE AND COMPACT AREA OF INSTALLATION AND REMOVE ALL ROCK, CLODS, VEGETATION OR OTHER OBSTRUCTION SO THAT THE INSTALLED BLANKET/MAT WILL HAVE DIRECT CONTACT WITH THE SOIL.
2. PREPARE SEEDBED BY LOOSENING 2-3IN OF TOPSOIL ABOVE FINAL GRADE.
3. INCORPORATE AMENDMENTS SUCH AS LIME AND FERTILIZER INTO THE SOIL IF NEEDED. DO NOT MULCH AREAS WHERE MAT IS TO BE PLACED.
4. APPLY SEED TO THE SOIL SURFACE BEFORE INSTALLING BLANK/MAT, OR AFTER INSTALLATION FOR TURF REINFORCEMENT MATS FOR ENHANCED PERFORMANCE.
5. EXTEND BLANKET/MAT 2-3 FEET OVER CREST OF SLOPE AND EXCAVATE A 12x6 INCH TERMINAL ANCHOR TRENCH
6. ANCHOR BLANKET/MAT IN A TRENCH ON 1 FT SPACING, BACKFILL AND COMPACT SOIL.
7. ROLL THE BLANKETS THE SLOPE WITH THE APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE
8. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP AND STAPLE. MAKE SURE THAT EDGE OVERLAPS ARE SHINGLED AWAY
9. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
10. LAY BLANKETS/MAT LOOSE TO MAINTAIN DIRECT CONTACT WITH SOIL.
11. TO BE INSTALLED ON ALL SLOPES 2:1 OR STEEPER UNLESS OTHERWISE NOTED.

4 STABILIZED SLOPE DETAIL
(NOT TO SCALE)


POST
SUPPORT NET
SILT FENCE FABRIC
STRAW WATT

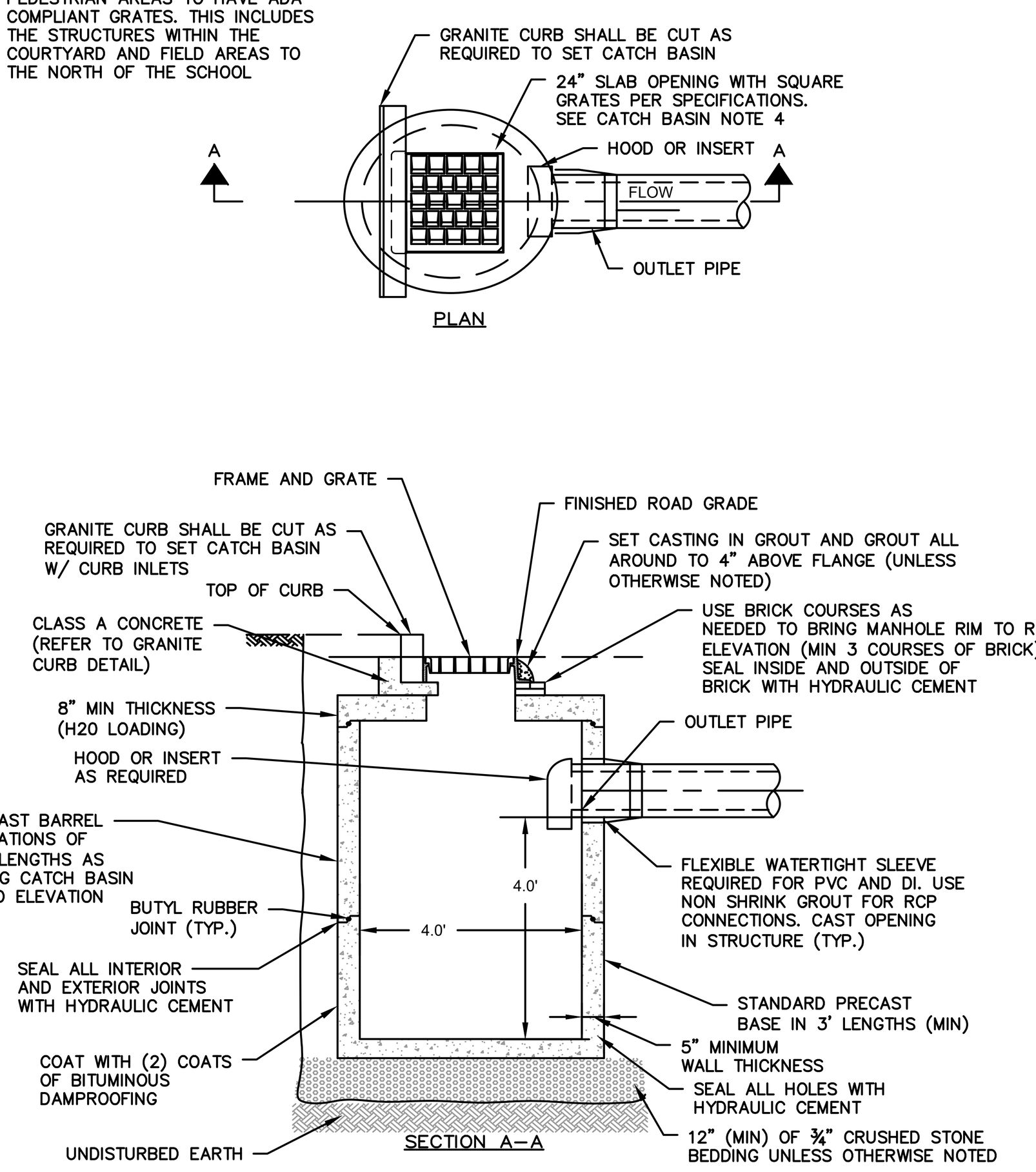


NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)
6. A PRECAST DOG HOUSE MANHOLE MAY BE USED FOR NEW MANHOLES OVER EXISTING LINES, WHERE STOPPING OR DIVERTING THE EXISTING FLOW IS NOT PRACTICABLE, SEE DOG HOUSE MANHOLE DETAIL 8/C-5.1 (THIS SHEET).

1 DRAIN MANHOLE (DMH)
(NOT TO SCALE)

NOTE:
ALL CATCH BASINS WITHIN PEDESTRIAN AREAS TO HAVE ADA COMPLIANT GRATES. THIS INCLUDES THE STRUCTURES WITHIN THE COURTYARD AND FIELD AREAS TO THE NORTH OF THE SCHOOL



2 PRECAST CONCRETE CATCH BASIN W/TRAP
(NOT TO SCALE)

TABLE 1				
MANHOLE DIAMETER	SIDE WALL MIN. THICKNESS	BOTTOM SLAB MIN. THICKNESS	MAX PIPE DIAMETER * RCP	DI/PVC
4'	5"	6"	24"	30"
5'	6"	8"	36"	42"
6'	6"	8"	48"	54"
8'	8"	8"	66"	72"
10'	10"	10"	72"	84"

* MAY VARY DEPENDING ON SIZE AND LOCATION OF ADDITIONAL PENETRATIONS OR RELATIONSHIP OF PENETRATIONS IN MANHOLE

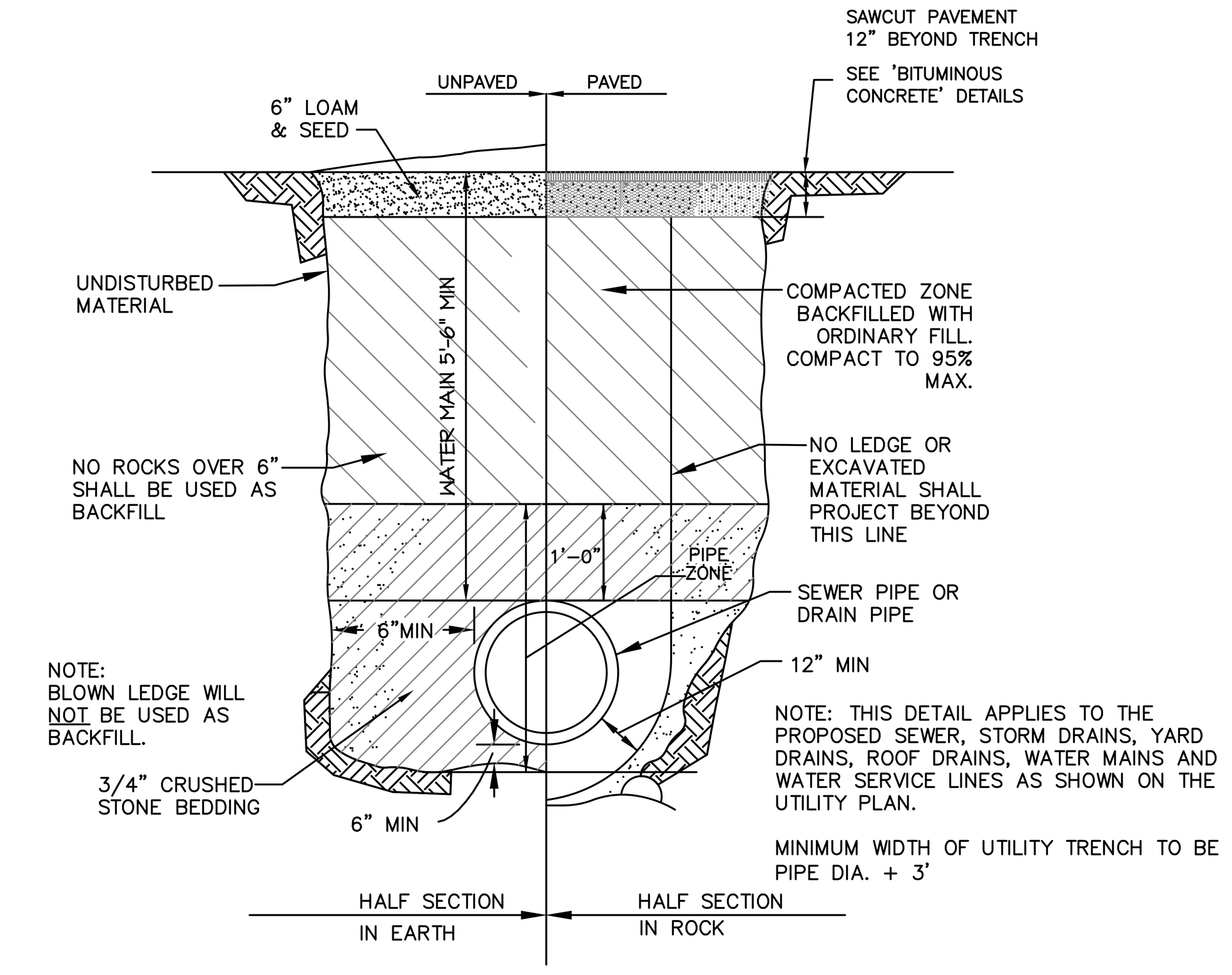
GENERAL CATCH BASIN NOTES:

1. FACE OF PIPE SHALL NOT PROJECT MORE THAN 3-INCHES FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
2. DESIGN PRECAST SECTIONS WITH FRAME AND GRATE FOR AASHTO H20 LOADING UNLESS OTHERWISE NOTED.
3. PRECAST TOP SLAB OPENING CAN BE CENTERED OR OFFSET AS NECESSARY.
4. GRATE VANES SHALL BE INSTALLED IN DIRECTION TO RECEIVE FLOWS.
5. CATCH BASIN BASE SHALL BE SOLID.

MANHOLE GENERAL NOTES:

1. DRAIN MANHOLE DIAMETER SHALL BE 4', 5', 6', 8' OR 10' AS REQUIRED FOR PIPE CONFIGURATIONS.
2. DESIGN PRECAST SECTIONS WITH FRAME AND COVER FOR AASHTO H20 LOADINGS UNLESS OTHERWISE NOTED.
3. MANHOLES LARGER THAN 4' IN DIAMETER AT THE BASE SHALL BE REDUCED IN DIAMETER TO 4' AT THE NEXT RISER SECTION UNLESS NOTED OTHERWISE ON PLANS.

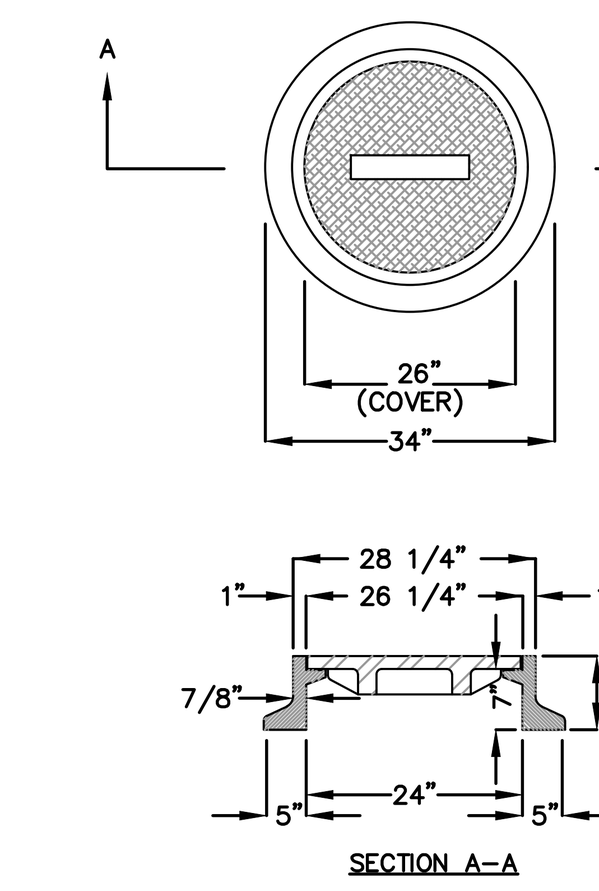
3 MANHOLE AND CATCH BASIN NOTES
(NOT TO SCALE)



NOTE: THIS DETAIL APPLIES TO THE PROPOSED SEWER, STORM DRAINS, YARD DRAINS, ROOF DRAINS, WATER MAINS AND WATER SERVICE LINES AS SHOWN ON THE UTILITY PLAN.

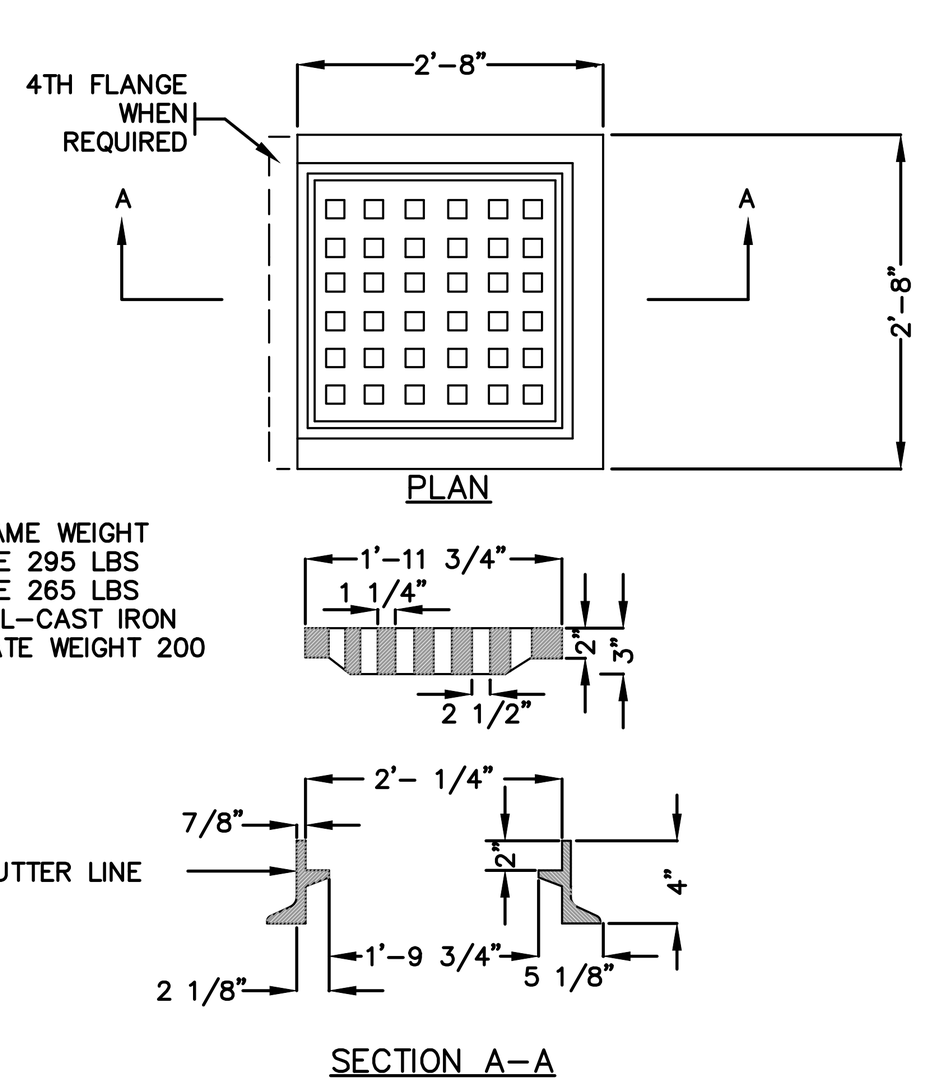
MINIMUM WIDTH OF UTILITY TRENCH TO BE PIPE DIA. + 3'

4 TYPICAL PIPE IN TRENCH
(NOT TO SCALE)



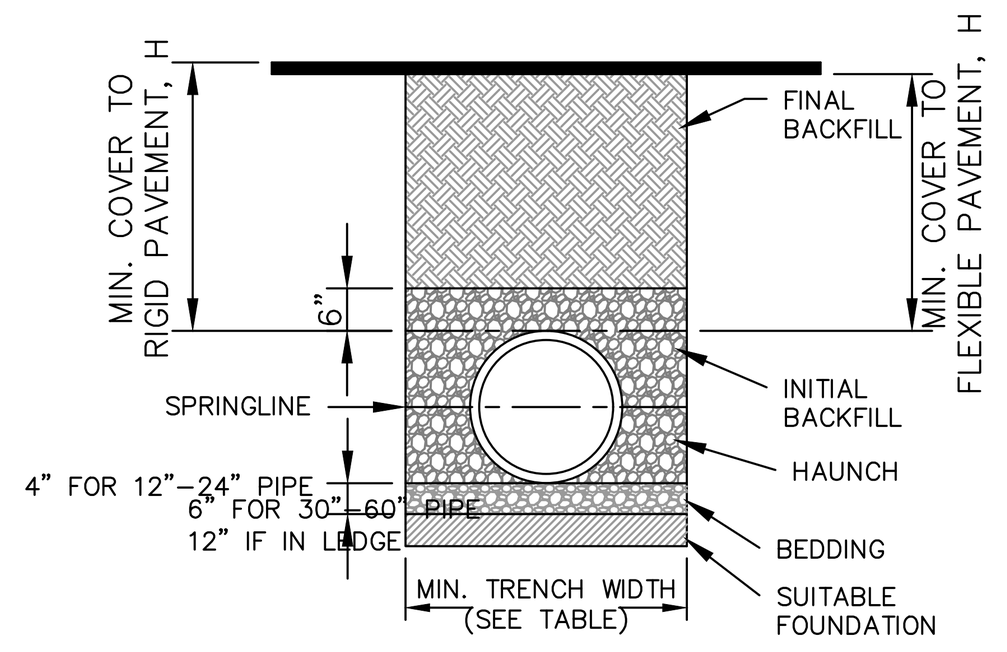
NOTES:
1. STANDARD COVER MIN. WEIGHT 200 LBS.
2. TYPE-A FRAME MIN. WEIGHT 265 LBS. MATERIAL-CAST IRON
3. STAMPED TO READ 'DRAIN' FOR DRAIN MANHOLE INSTALLATION

5 STANDARD DRAIN MANHOLE FRAME AND COVER
(NOT TO SCALE)



NOTES:
1. MIN. FRAME WEIGHT
4 FLANGE 295 LBS
3 FLANGE 265 LBS
2. MATERIAL-CAST IRON
3. MIN GRATE WEIGHT 200 LBS

6 STANDARD CATCH BASIN FRAME AND GRATE
(NOT TO SCALE)



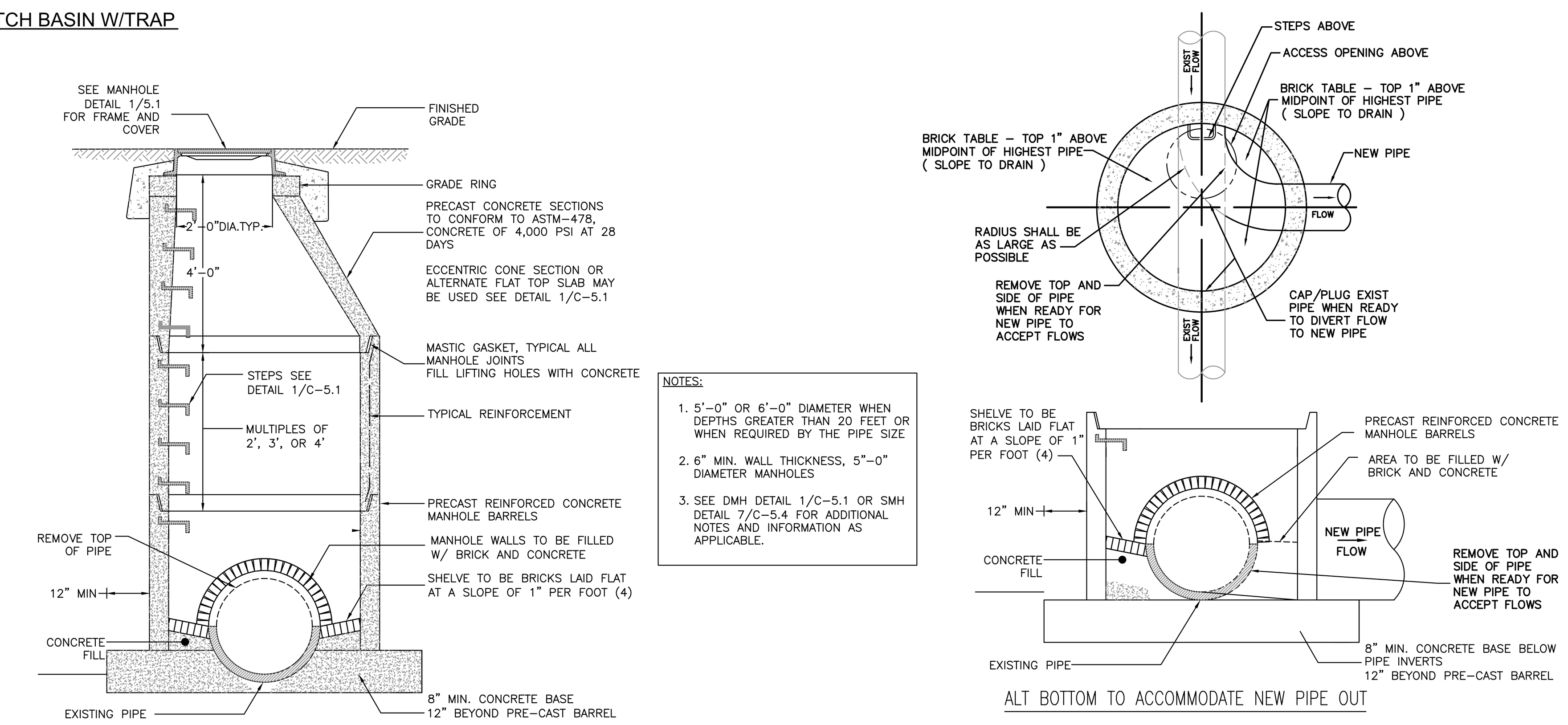
MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
54"	88"
60"	96"

NOTES:

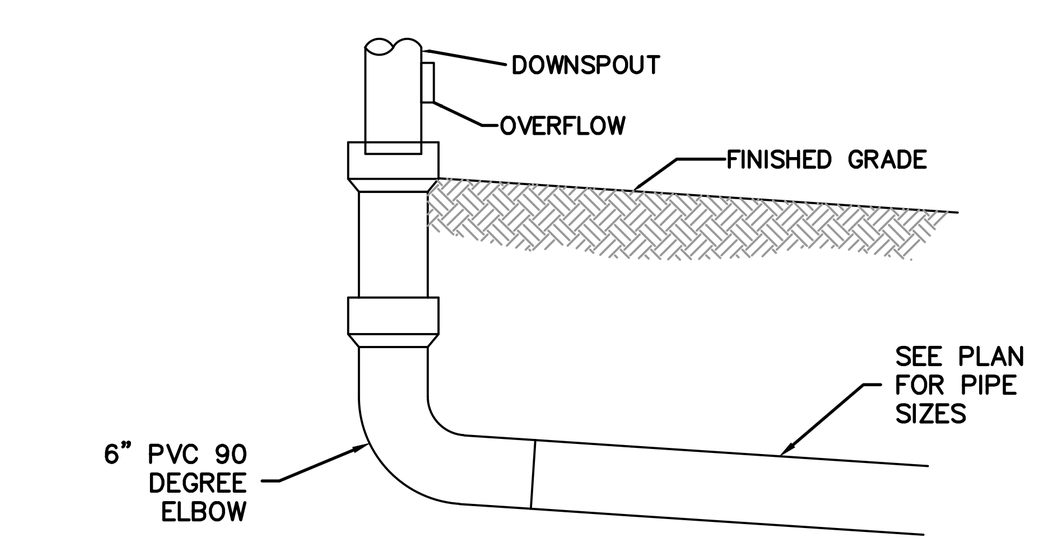
1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 12"-24"; 6" FOR 30"-60".
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 36" MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. MATERIAL PLACED SHALL BE COMPACTED IN LIFTS WITH A MAXIMUM THICKNESS OF 12".

7 HDPE PIPE TRENCH INSTALLATION
(NOT TO SCALE)

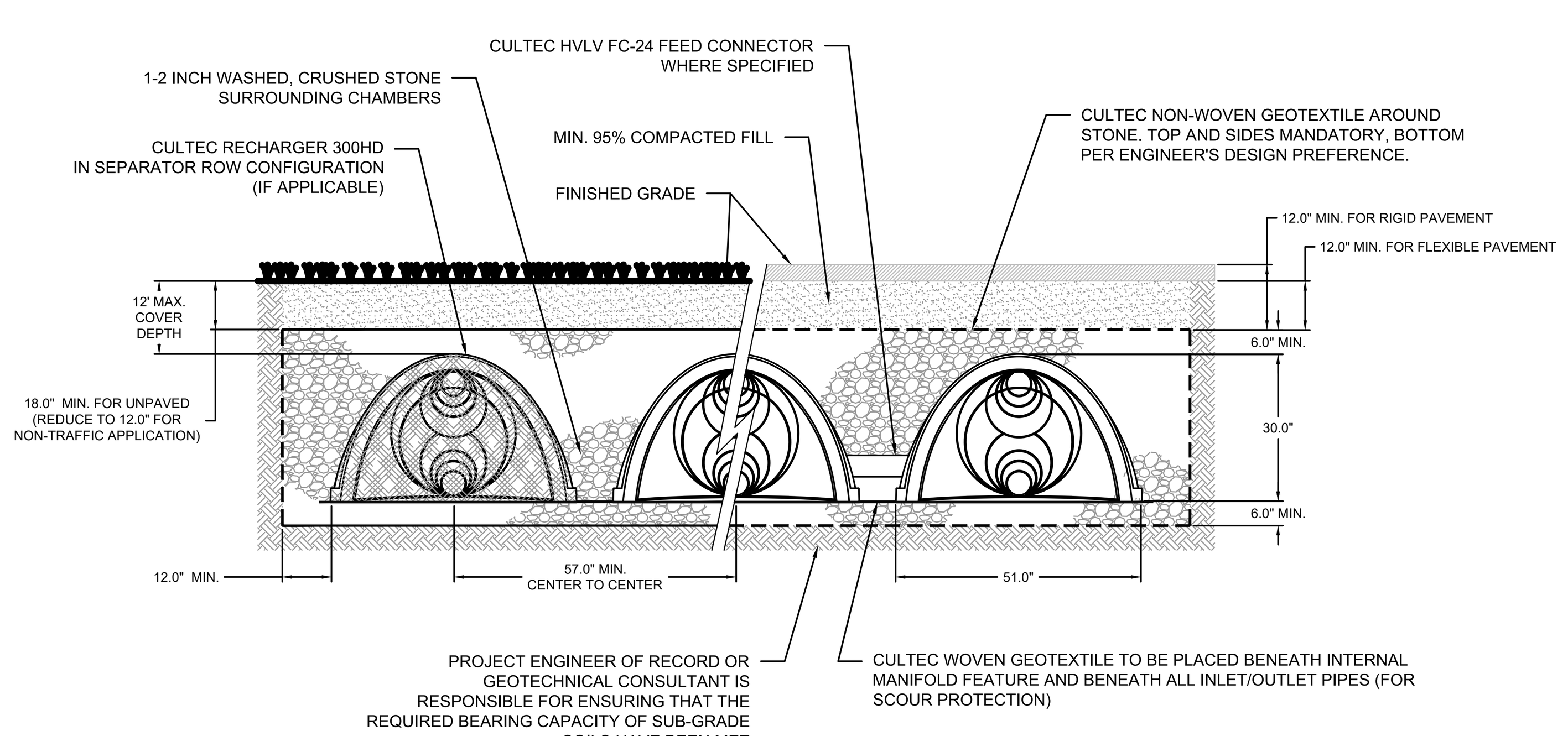


NOTES:
1. 5'-0" OR 6'-0" DIAMETER WHEN DEPTHS GREATER THAN 20 FEET OR WHEN REQUIRED BY THE PIPE SIZE
2. 6" MIN. WALL THICKNESS, 5"-0" DIAMETER MANHOLES
3. SEE DMH DETAIL 1/C-5.1 OR SMH DETAIL 7/C-5.4 FOR ADDITIONAL NOTES AND INFORMATION AS APPLICABLE.

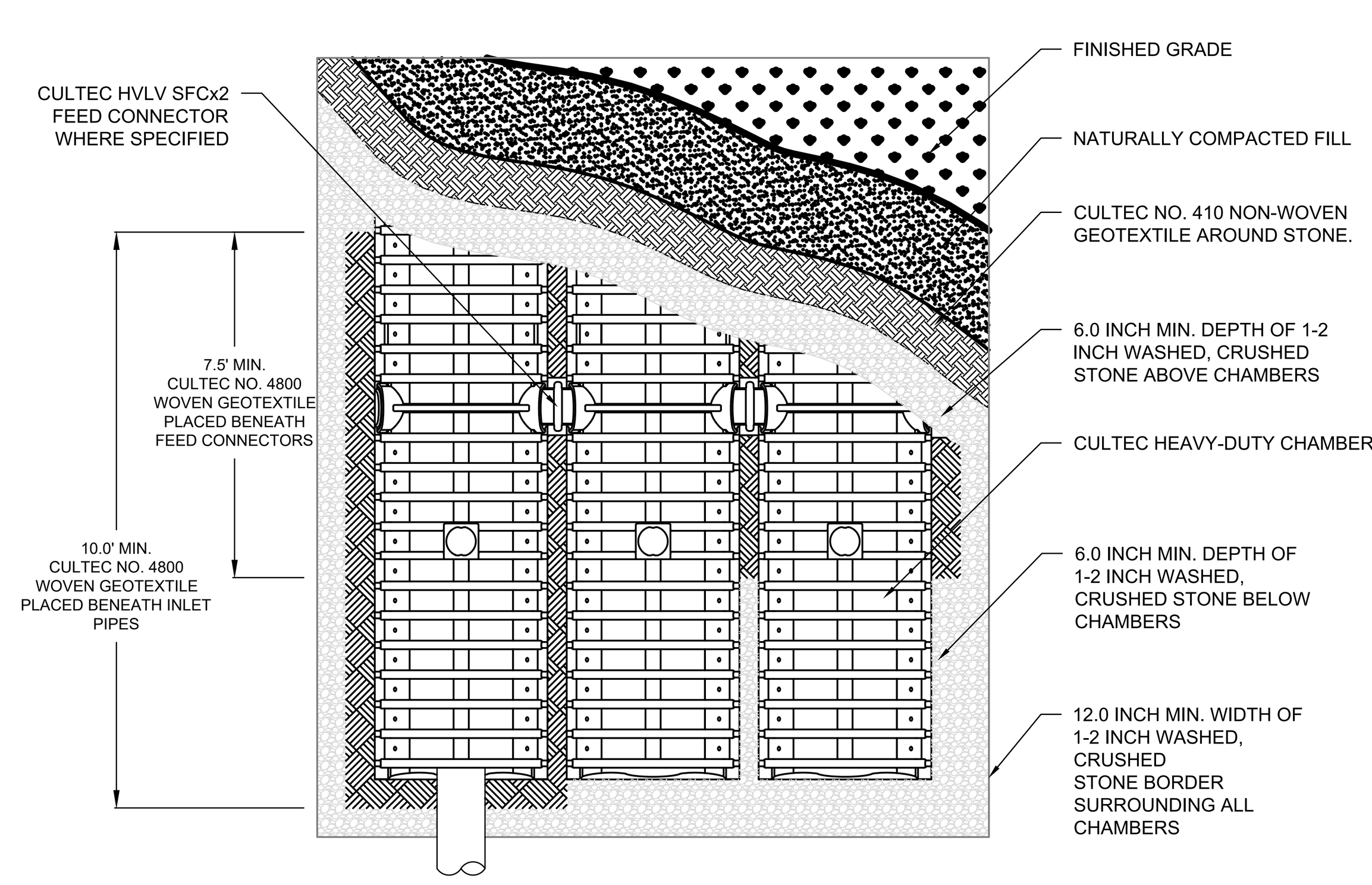
8 PRECAST DOG HOUSE MANHOLE
(NOT TO SCALE)



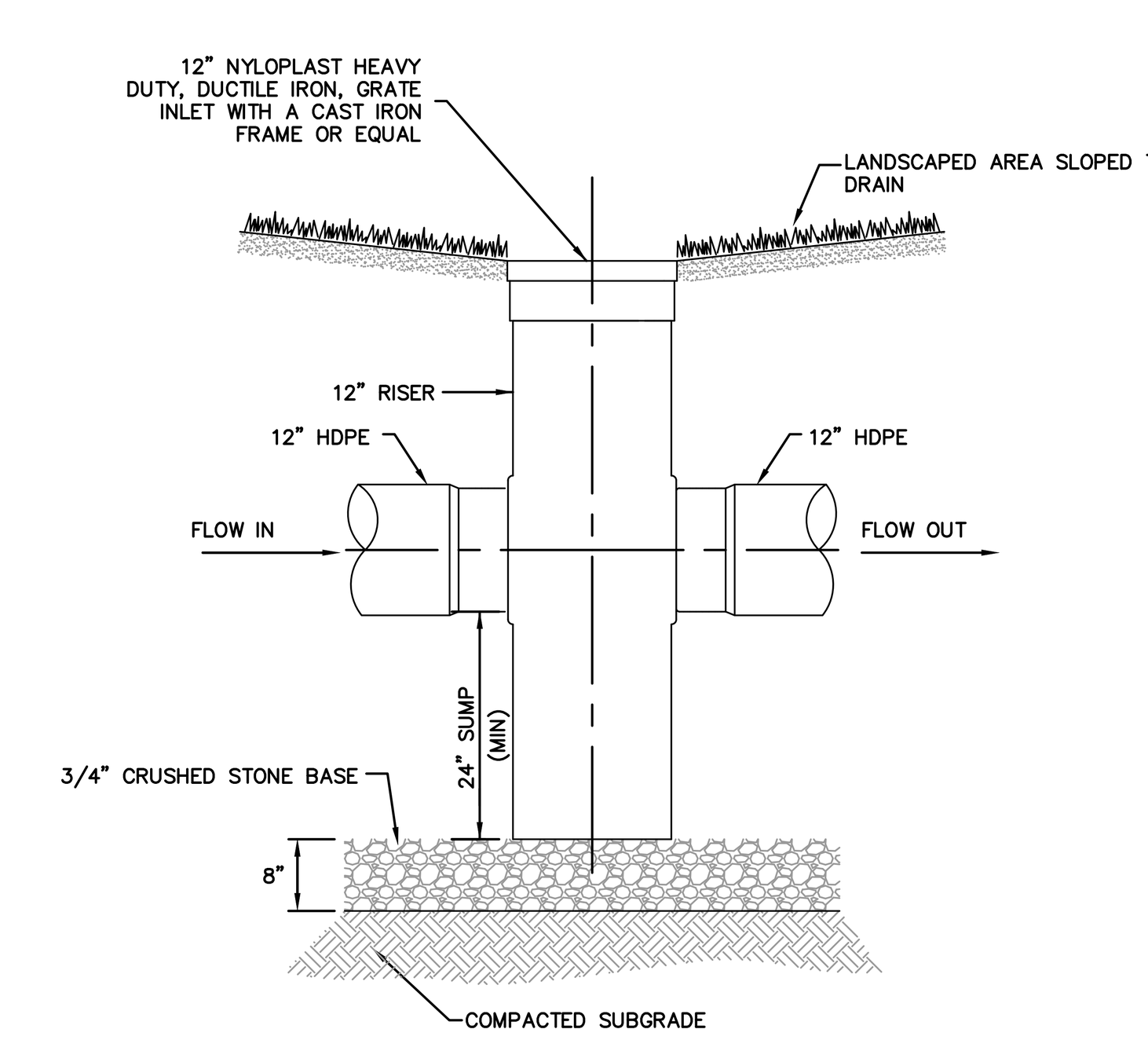
9 DOWNSPOUT CONNECTION TO DRAINAGE
(NOT TO SCALE)



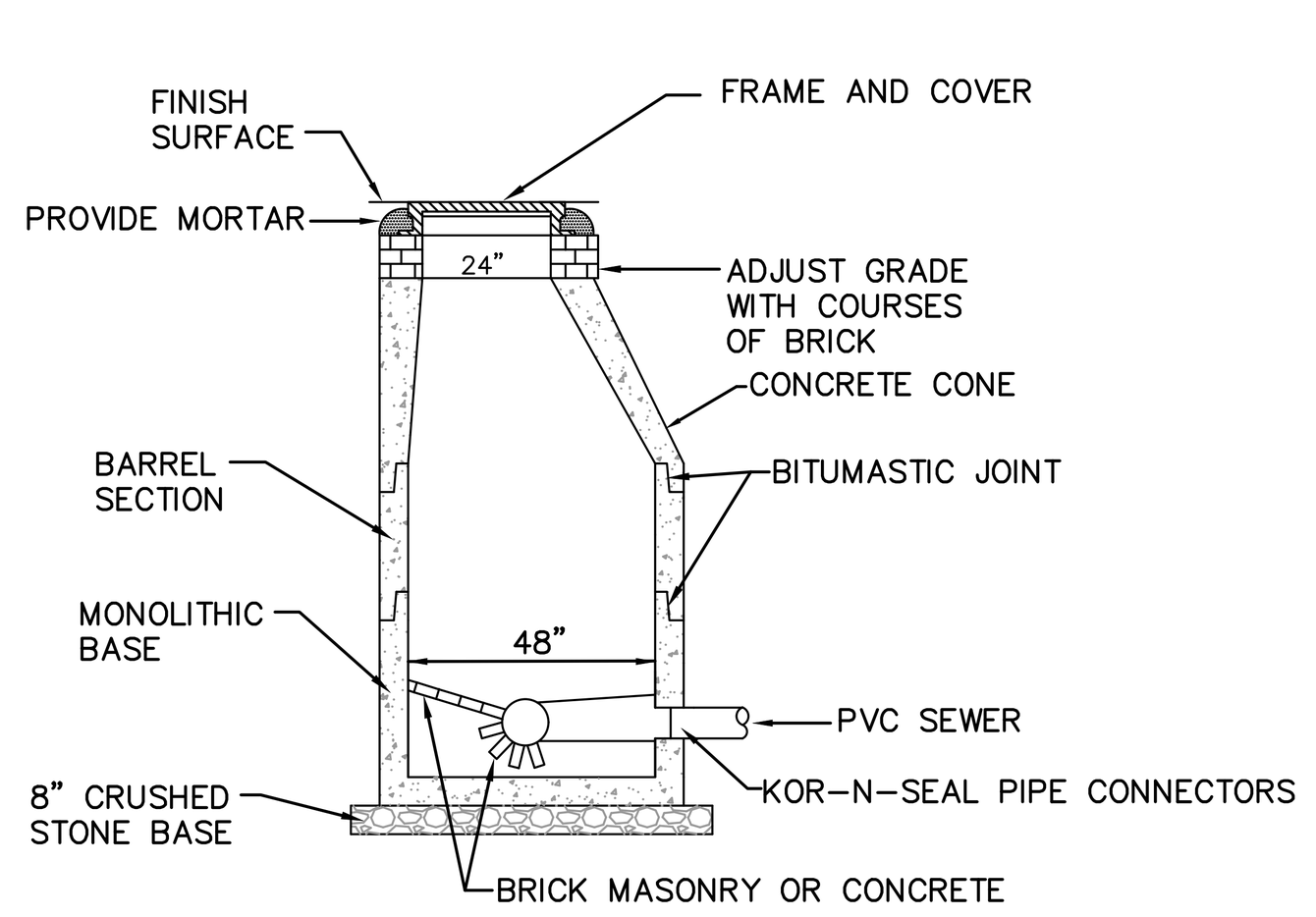
10 CULTEC R-300HD
(NOT TO SCALE)



11 UNDERGROUND CHAMBERS PLAN VIEW
(NOT TO SCALE)

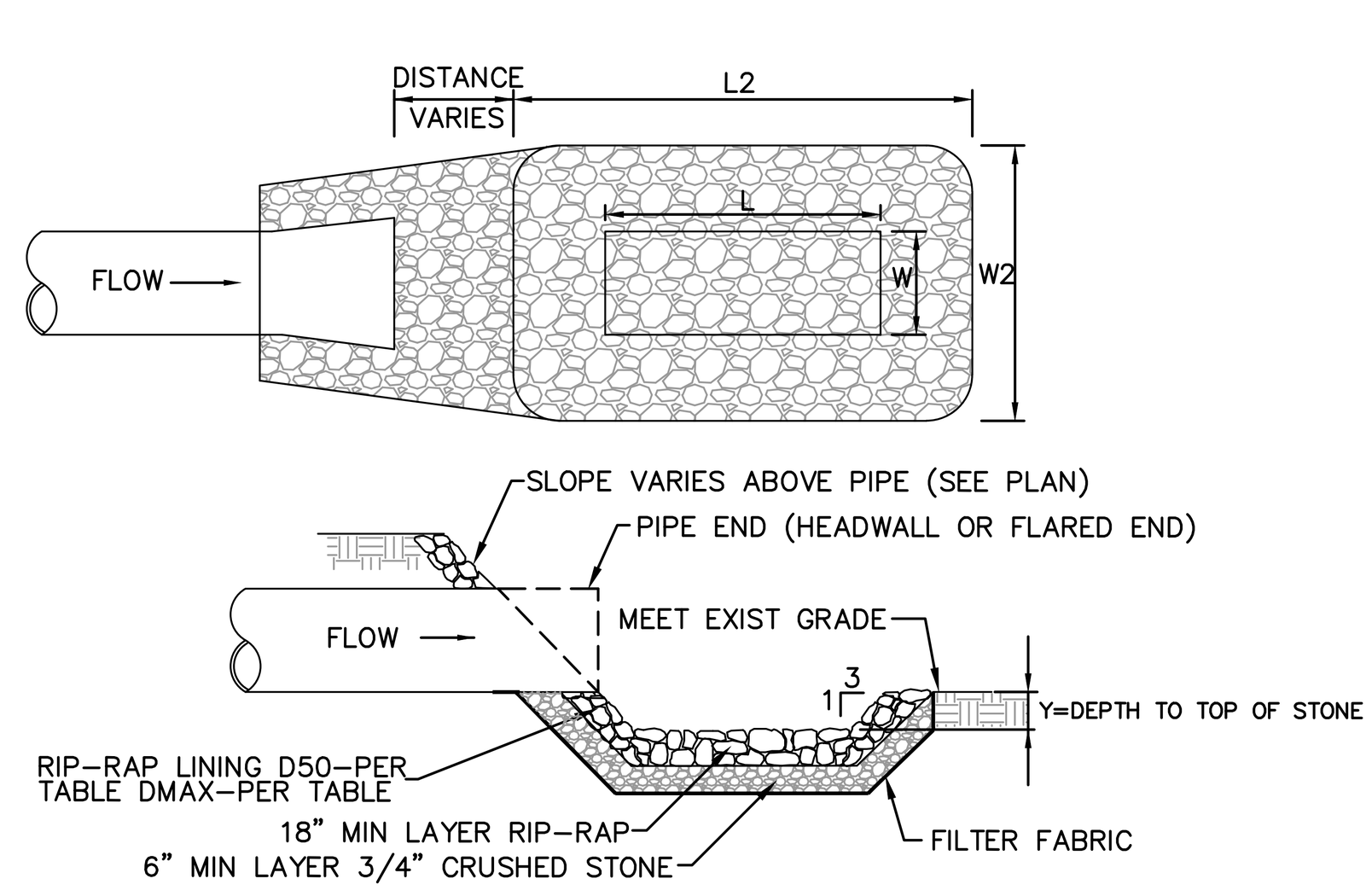


12 AREA DRAIN
(NOT TO SCALE)



NOTES:
1. MANHOLE DESIGN SHALL CONFORM TO LATEST ASTM C478.
2. REINFORCING STEEL SHALL CONFORM TO LATEST ASTM A 185.
3. CONCRETE COMPRESSIVE STRENGTH-4,000 PSI @ 28 DAYS.
4. ONE POUR MONOLITHIC BASE.
5. STEPS-STEEL REINFORCED COPOLYMER POLYPROPELENE PLASTIC (PS2-PFSL M.A. INDUSTRIES, INC.) CONFORMING TO LATEST ASTM C478 PARA-12.
6. KOR-N-SEAL FLEXIBLE PIPE CONNECTORS SHALL CONFORM TO LATEST ASTM C923, A167.
7. A PRECAST DOG HOUSE MANHOLE MAY BE USED FOR NEW MANHOLES OVER EXISTING LINES, WHERE STOPPING OR DIVERTING THE EXISTING FLOW IS NOT PRACTICABLE, SEE DOG HOUSE MANHOLE DETAIL 11/C-5.1

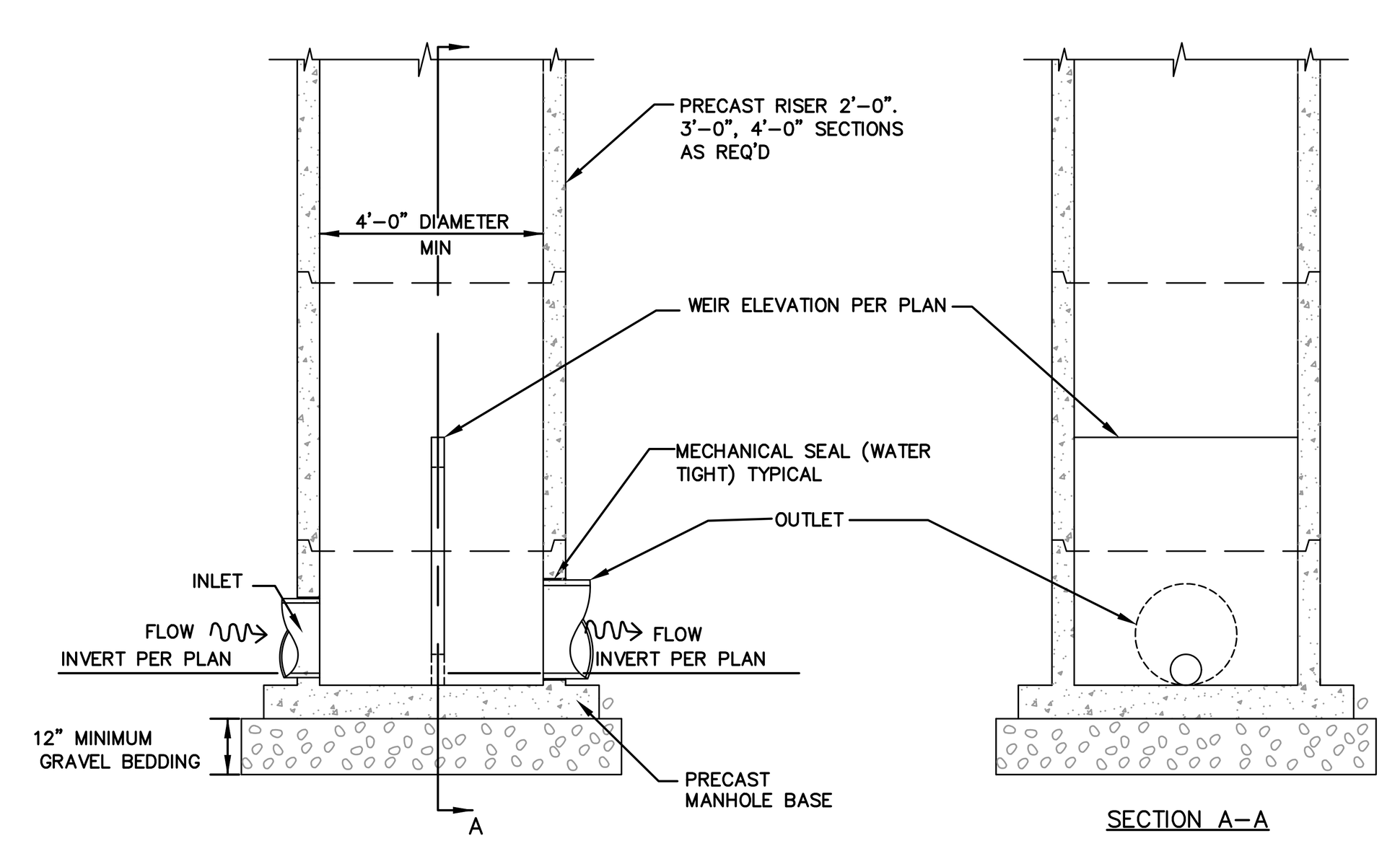
13 SEWER MANHOLE (SMH)
(NOT TO SCALE)



MINIMUM DIMENSIONS

OUTLET	L	L2	W	W2	Y	D50	DMAX
18"	4.5'	7'	3'	6'	9"	8"	12"

14 RIP-RAP IMPACT BASIN
(NOT TO SCALE)



*NOTES:
1. SEE GRADING AND DRAINAGE SHEET C103.0 FOR OCS STRUCTURE INVERT AND ORIFICE ELEVATIONS.

15 MANHOLE W/OUTLET CONTROL STRUCTURE
(NOT TO SCALE)

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

ERIC S. WILHELMSEN CIVIL No. 41596 REGISTERED PROFESSIONAL ENGINEER, COMMONWEALTH OF MASSACHUSETTS

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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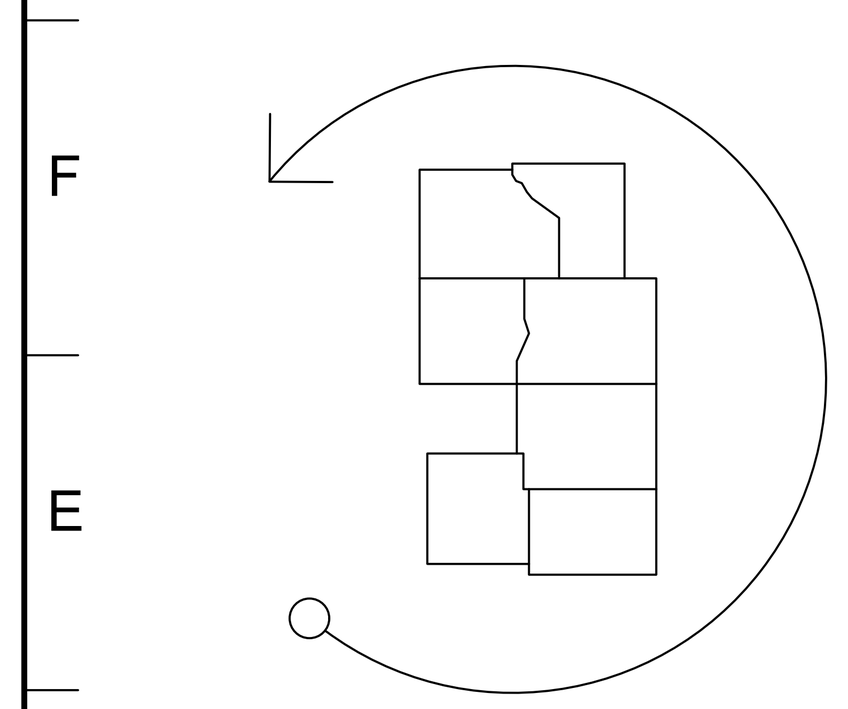
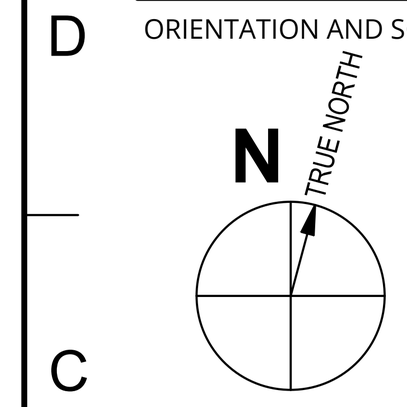
KEY PLAN



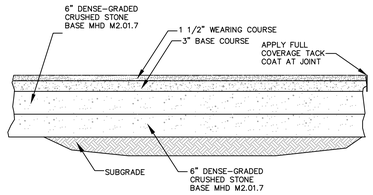
ORIENTATION AND SCALE:



PROJECT NORTH

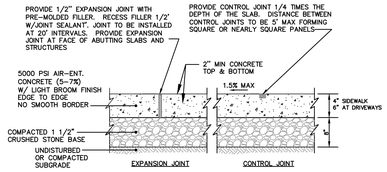
SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER:
C-5.1



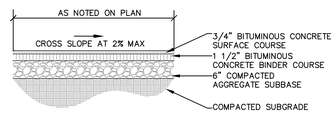
NOTE:
TEMPORARY PAVEMENT AREAS MAY BE PAVED WITH A 2" BASE COURSE

1 BITUMINOUS CONCRETE PAVEMENT
(NOT TO SCALE)

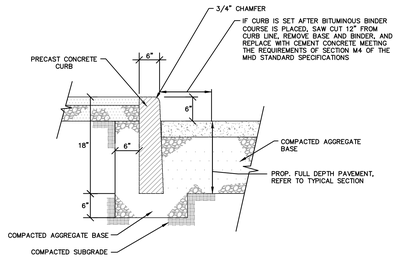


1. MAXIMUM CROSS SLOPE = 1.5%
2. MAXIMUM GRADIENT = 5%
3. PROVIDE EXPANSION JOINT AT FACE OF ABUTTING SLABS, STRUCTURES, AND CURBS
4. PROVIDE CURBING AS SHOWN ON PLANS
5. SEE CITY OF PAWTUCKET RI SIDEWALK SPECIFICATIONS FOR ADDITIONAL INFORMATION

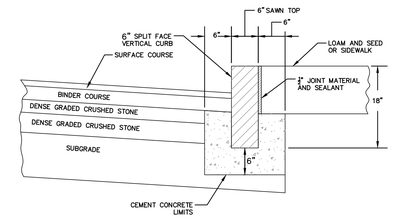
2 CONCRETE SIDEWALK
(NOT TO SCALE)



3 PRECAST CONCRETE CURB
(NOT TO SCALE)



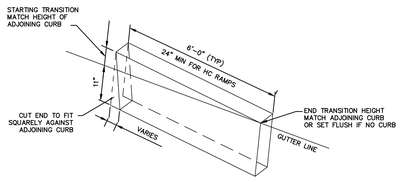
4 PRECAST CONCRETE CURB
(NOT TO SCALE)



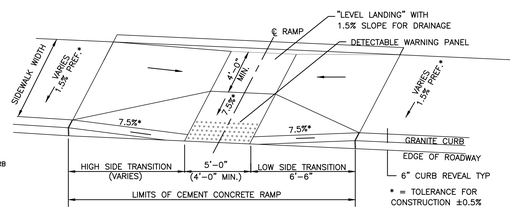
NOTES:

1. CUT NEAT LINE 6" FROM CURB LINE AND REMOVE BASE AND SUBGRADE, REPLACE WITH CEMENT CONCRETE. COVER WITH BINDER AND TOP COURSE TO CURB.
2. 3,000 PSI CEMENT CONCRETE MAY BE USED. BITUMINOUS CONCRETE SHALL NOT BE USED AS A SUBSTITUTE.

5 VERTICAL GRANITE CURB
(NOT TO SCALE)



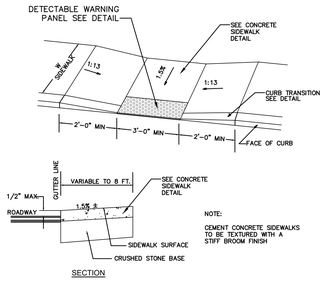
6 TRANSITION CURB DETAIL
(NOT TO SCALE)



NOTES:
1. CEMENT CONCRETE SIDEWALKS TO BE TEXTURED WITH A STIFF BROOM FINISH
2. SIDEWALK ORIENTATION MAY VARY, SEE PLANS.
3. PROVIDE RETURNED CURBS WHERE SHOWN ON PLANS.

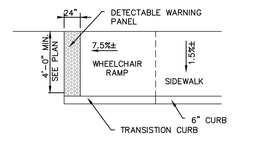
NOTE:
FOR DETECTABLE WARNING PANEL DETAIL SEE

7 HANDICAP ACCESSIBLE RAMP (TYPE B)
(NOT TO SCALE)

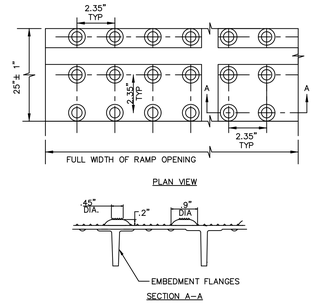


SECTION

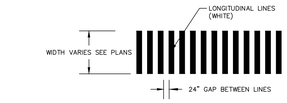
8 HANDICAP ACCESSIBLE RAMP (TYPE A)
(NOT TO SCALE)



9 HANDICAP ACCESSIBLE RAMP (TYPE C)
(NOT TO SCALE)



10 DETECTABLE WARNING PANEL
(NOT TO SCALE)

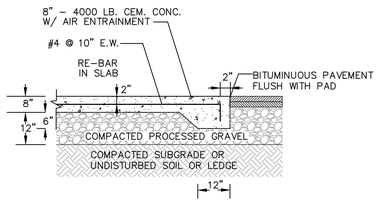


PAVEMENT MARKING - FAST DRYING WATER-BORNE OR OTHER TRAFFIC PAINT

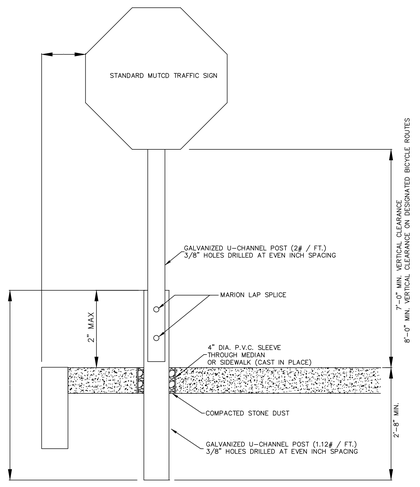
NOTES:

1. CROSSWALK MARKINGS SHALL CONSIST OF SOLID WHITE (AS INDICATED) LINES (BOTH TRANSVERSE AND LONGITUDINAL) 12 INCHES IN WIDTH.
2. SEE PLANS FOR CROSSWALK WIDTH.
3. LONGITUDINAL LINES SHALL BE SPACED 24" APART FOR ALL NEW CROSSWALKS. EXISTING CROSSWALK REPAIRS SHALL MATCH EXISTING SPACING.
4. CROSSWALK LINES SHALL EXTEND ACROSS THE FULL WIDTH OF PAVEMENT OR TO THE EDGE OF THE INTERSECTING CROSSWALK.
5. CROSSWALKS SHALL BE MARKED AT ALL INTERSECTIONS WHERE THERE IS SUBSTANTIAL CONFLICT BETWEEN VEHICULAR AND PEDESTRIAN MOVEMENT.

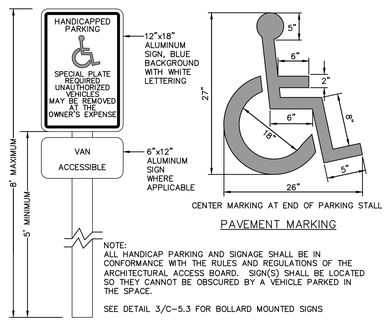
11 CROSSWALK DETAIL
(NOT TO SCALE)



12 CONCRETE DUMPSTER PAD
(NOT TO SCALE)



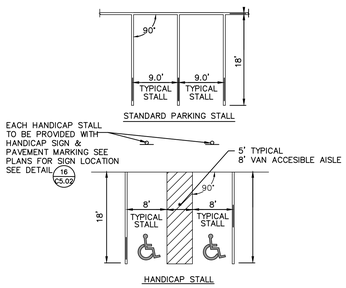
13 TRAFFIC SIGN DETAIL
(NOT TO SCALE)



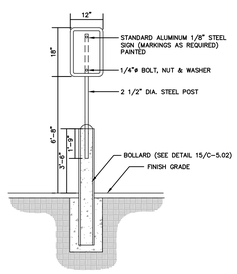
NOTE:
ALL HANDICAP PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD. SIGN(S) SHALL BE LOCATED SO THEY CANNOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.

SEE DETAIL 3/C-5.3 FOR BOLLARD MOUNTED SIGNS

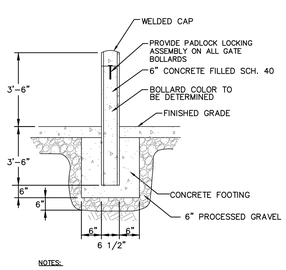
14 HANDICAP SIGNAGE
(NOT TO SCALE)



15 PARALLEL PARKING STALL LAYOUT
(NOT TO SCALE)



16 TYPICAL BOLLARD SIGN POST
(NOT TO SCALE)



NOTES:
1. FOR DECORATIVE BOLLARDS SEE LA PLANS.

17 TYPICAL BOLLARD DETAIL
(NOT TO SCALE)

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

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North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
SITE PERMITTING PACKAGE
12/19/2025

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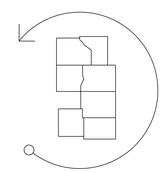
KEY PLAN

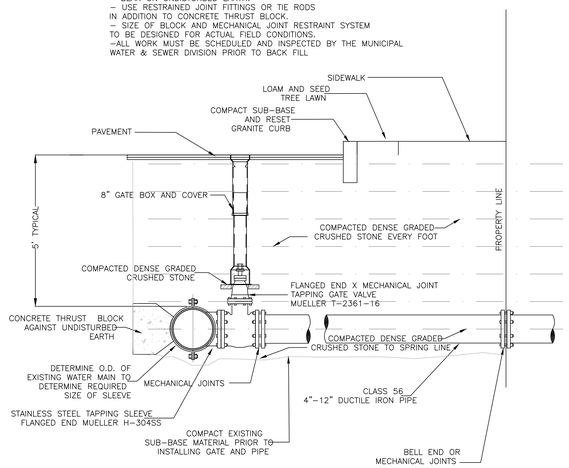


ORIENTATION AND SCALE:
N TRUE NORTH
PROJECT NORTH

SHEET TITLE:
CONSTRUCTION DETAILS

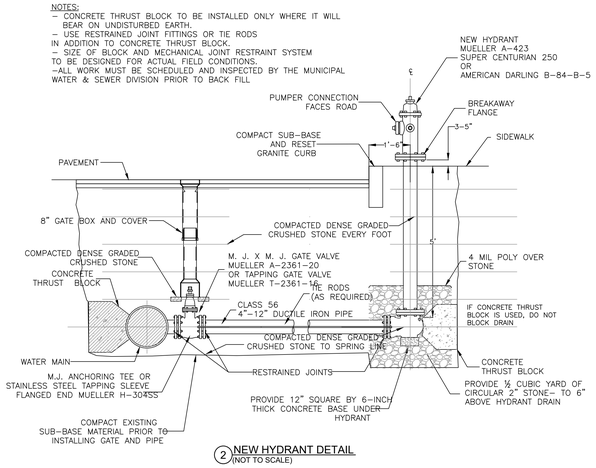
SHEET NUMBER:
C-5.2

NOTES:
– CONCRETE THRUST BLOCK TO BE INSTALLED ONLY WHERE IT WILL BEAR ON UNDISTURBED EARTH.
– USE RESTRAINED JOINT FITTINGS OR TIE RODS IN ADDITION TO CONCRETE THRUST BLOCK.
– SIZE OF BLOCK AND MECHANICAL JOINT RESTRAINT SYSTEM TO BE DESIGNED FOR ACTUAL FIELD CONDITIONS.
–ALL WORK MUST BE SCHEDULED AND INSPECTED BY THE MUNICIPAL WATER & SEWER DIVISION PRIOR TO BACK FILL

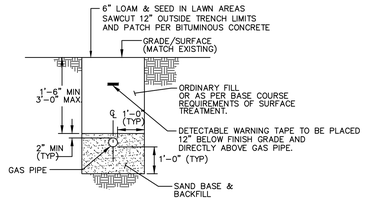


1 TAPPING SLEEVE AND GATE VALVE WATER PIPE CONNECTION
(NOT TO SCALE)

NOTES:
– CONCRETE THRUST BLOCK TO BE INSTALLED ONLY WHERE IT WILL BEAR ON UNDISTURBED EARTH.
– USE RESTRAINED JOINT FITTINGS OR TIE RODS IN ADDITION TO CONCRETE THRUST BLOCK.
– SIZE OF BLOCK AND MECHANICAL JOINT RESTRAINT SYSTEM TO BE DESIGNED FOR ACTUAL FIELD CONDITIONS.
–ALL WORK MUST BE SCHEDULED AND INSPECTED BY THE MUNICIPAL WATER & SEWER DIVISION PRIOR TO BACK FILL

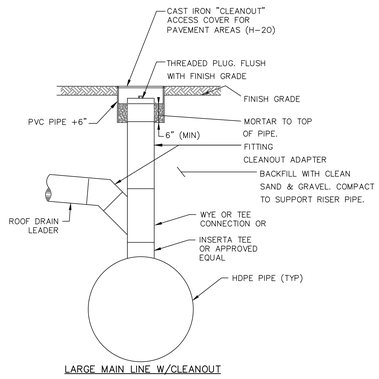


2 NEW HYDRANT DETAIL
(NOT TO SCALE)



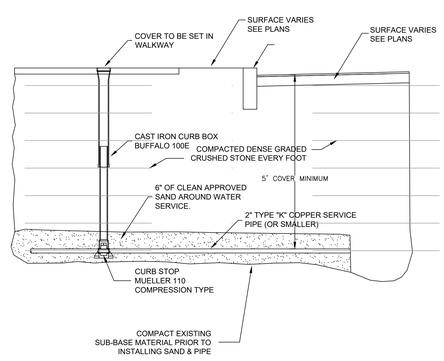
NOTE:
THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRENCHING & ALL BACKFILL AS REQUIRED.

3 GAS TRENCH DETAIL
(NOT TO SCALE)

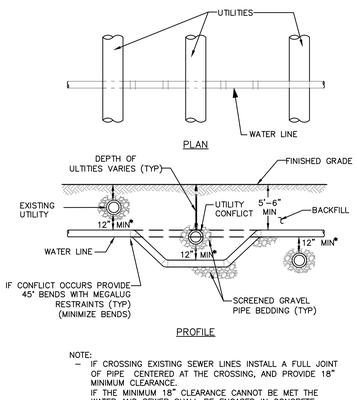


LARGE MAIN LINE W/CLEANOUT

4 TYPICAL DRAIN CLEANOUTS
(NOT TO SCALE)

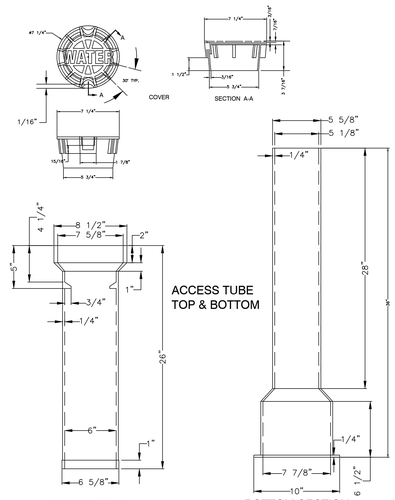


5 TYPICAL 2" WATER SERVICE (OR SMALLER)
(NOT TO SCALE)



NOTE:
– IF CROSSING EXISTING SEWER LINES INSTALL A FULL JOINT OF PIPE CENTERED AT THE CROSSING, AND PROVIDE 18" MINIMUM CLEARANCE.
IF THE MINIMUM 18" CLEARANCE CANNOT BE MET THE WATER AND SEWER SHALL BE ENCASED IN CONCRETE 10–FEET ON EITHER SIDE OF THE CROSSING.

6 UTILITY CROSSING DETAIL
(NOT TO SCALE)



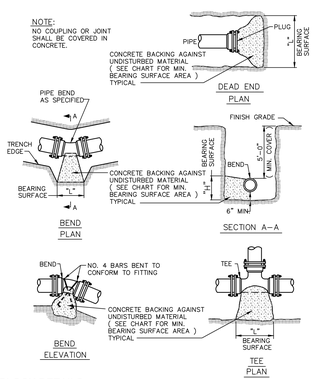
7 CAST IRON 6" GATE BOX FOR 6" GATE VALVES
(NOT TO SCALE)

MINIMUM AREA OF BEARING FACE
CONCRETE THRUST BLOCKS IN SQUARE FEET

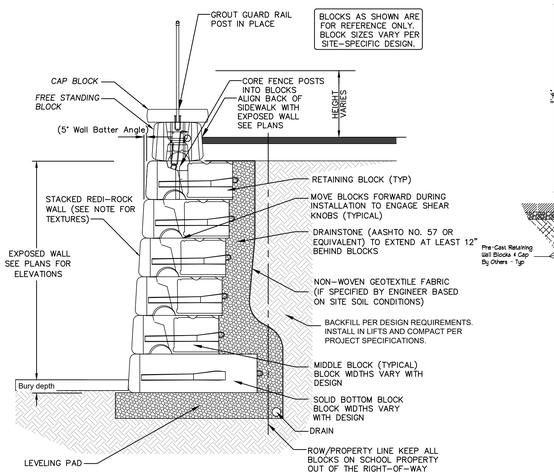
SOIL BEARING

PIPE SIZE (IN.)	SAND/SOFT CLAY 1,000 LBS./SQ. FT.	SAND/GRAVEL 3,000 LBS./SQ. FT.	HARDPAN/SOFT ROCK 5,000 LBS./SQ. FT.
DEAD END, TEE OR HYDRANT			
6	6.5	2.0	1.5
8	10.0	3.5	2.0
10	17.0	6.0	3.5
12	23.0	8.0	5.0
1/4 BEND – 90°			
6	9.5	3.0	2.0
8	14.0	5.0	3.0
10	24.0	8.0	5.0
12	32.5	11.0	6.5
1/8 BEND – 45°			
6	5.0	2.0	1.0
8	8.0	2.5	1.5
10	13.0	4.5	2.5
12	18.0	6.0	3.5
1/16 BEND – 22 1/2° OR LESS			
6	2.5	1.0	1.0
8	4.0	2.0	1.0
10	7.0	2.5	1.5
12	9.0	3.0	2.0

NOTES: THRUST BLOCKS
1. FIGURES BASED ON A TOTAL PRESSURE OF 175 PSI (OPERATING PLUS SURGE PRESSURE).
2. WHEN MORE THAN ONE SOIL TYPE IS ENCOUNTERED, THE ONE WITH LEAST BEARING CAPACITY SHALL BE USED.
3. RETAINING RODS OR RESTRAINED JOINT PIPE AS APPROVED BY THE ENGINEER SHALL BE USED IN PLACE OF THRUST BLOCKS WHEN SOIL OF LOW BEARING IS ENCOUNTERED.
4. PLACE 15 LB. ROOF FELT BETWEEN PIPE AND CONCRETE.
5. CONCRETE SHALL NOT COVER PIPE JOINTS, BOLTS, NUTS, THREADS OR DRAIN HOLE(S).
6. ALL BENDS, TEES, HYDRANTS AND DEAD ENDS SHALL BE BRACED WITH CONCRETE THRUST BLOCKS.
7. BEARING AREA IS AREA OF CONCRETE IN CONTACT WITH WALL OF TRENCH = H X L.
8. HEIGHT (H) AND LENGTH (L) AS REQUIRED TO OBTAIN BEARING AREA IN TABLE.
9. ESTIMATED BEARING LOADS AND CORRESPONDING SOIL TYPES:
1,000 LBS. SOFT CLAY, SAND
3,000 LBS. SAND AND GRAVEL, SAND AND GRAVEL WITH CLAY
5,000 LBS. SAND AND GRAVEL CEMENTED WITH CLAY, HARD PAN AND ROCK



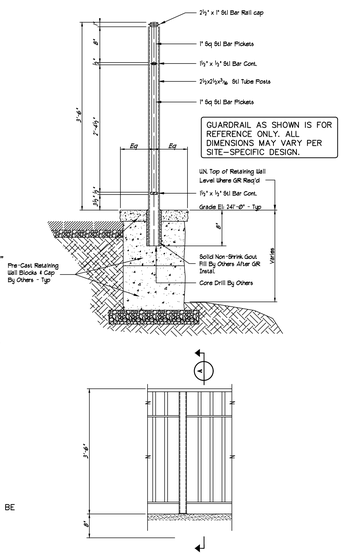
8 TYPICAL THRUST BLOCK DETAILS
(NOT TO SCALE)

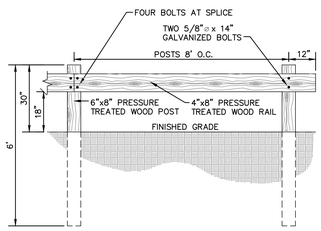


THIS DETAIL IS FOR REFERENCE ONLY. FINAL PROJECT WALL DESIGN, INCLUDING ALL CONSTRUCTION DETAILS, SHALL BE PREPARED BY A LICENSED STRUCTURAL ENGINEER USING THE ACTUAL CONDITIONS OF THE PROPOSED SITE.

NOTE: USE REDI–ROCK LEDGESTONE TEXTURE WALLS FOR FOR HIGHLY VISIBLE LOCATIONS.
USE REDI–ROCK STANDARD MODULAR WALL FOR LESS VISIBLE LOCATIONS.

9 TYPICAL GRAVITY RETAINING WALL W/ WELDED STEET GUARD RAIL
(NOT TO SCALE)





10 WOODEN GUARDRAIL
(NOT TO SCALE)

SITE PLAN REVIEW FOR THE TOWN OF NORTH ATTLEBOROUGH

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
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VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

CDW CONSULTANTS
Environmental and Civil Engineering

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24–0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
ERIC S. WILHELMSEN
CIVIL
No. 41596
REGISTERED PROFESSIONAL ENGINEER
12/19/25

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
SITE PERMITTING PACKAGE
12/19/2025

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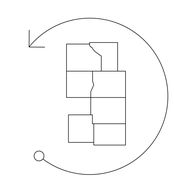
KEY PLAN



ORIENTATION AND SCALE:
N TRUE NORTH
PROJECT NORTH

SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER:
C–5.3

PAVEMENT MARKINGS SYMBOLS

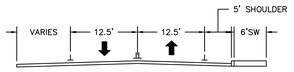
EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
ONLY	ONLY	LEGEND "ONLY" - WHITE
	SL	STOP LINE - 12" WIDE
	CW	CROSSWALK - 10' WIDE
	SWL	SOLID WHITE LINE - 6" WIDE
	SYL	SOLID YELLOW LINE - 6" WIDE
	DWLEx	DOTTED WHITE LINE EXTENSION - 6" WIDE - 2' LINE AND 6' GAP
	DBYL	DOUBLE YELLOW LINE - 6" WIDE

ABBREVIATIONS

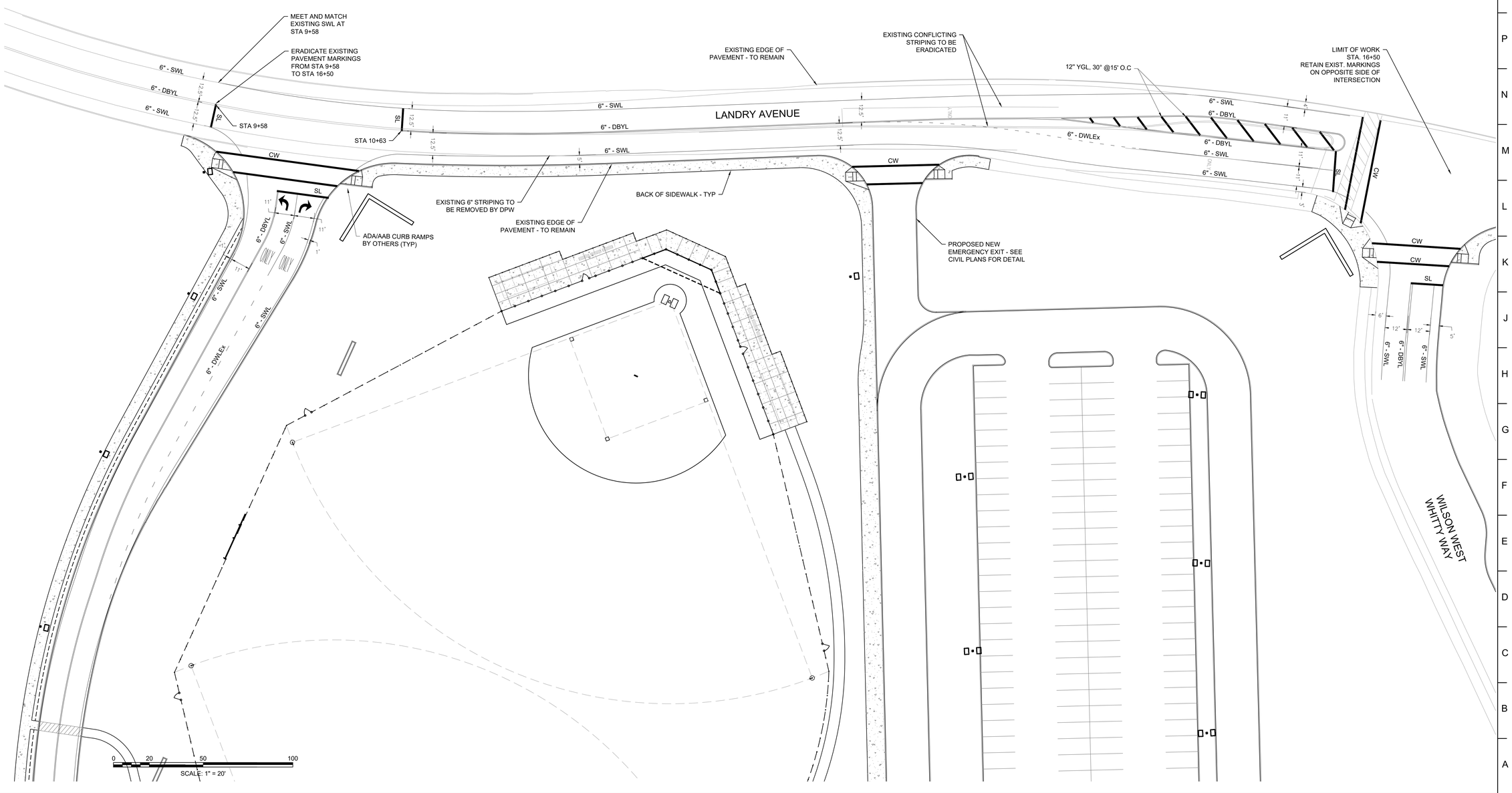
GENERAL

EXIST (or EX)	EXISTING
FDN.	FOUNDATION
R&D	REMOVE AND DISPOSE
REM	REMOVE
RET	RETAIN
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
STA	STATION
TYP	TYPICAL

NOTES:
1. ALL PAVEMENT MARKINGS SHALL COMPLY WITH THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WITH MASSACHUSETTS AMENDMENTS.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED BY THE CONTRACTOR WITH THE APPROVAL OF THE NORTH ATTLEBOROUGH DEPARTMENT OF PUBLIC WORKS.



TYPICAL SECTION
STA 9+00 TO STA 13+00



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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
BRYAN MICHAEL ZIMOLKA
CIVIL
NO. 50901
REGISTERED PROFESSIONAL ENGINEER
12/17/2025

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:

PAVEMENT MARKING PLAN

SHEET NUMBER:

TR-001

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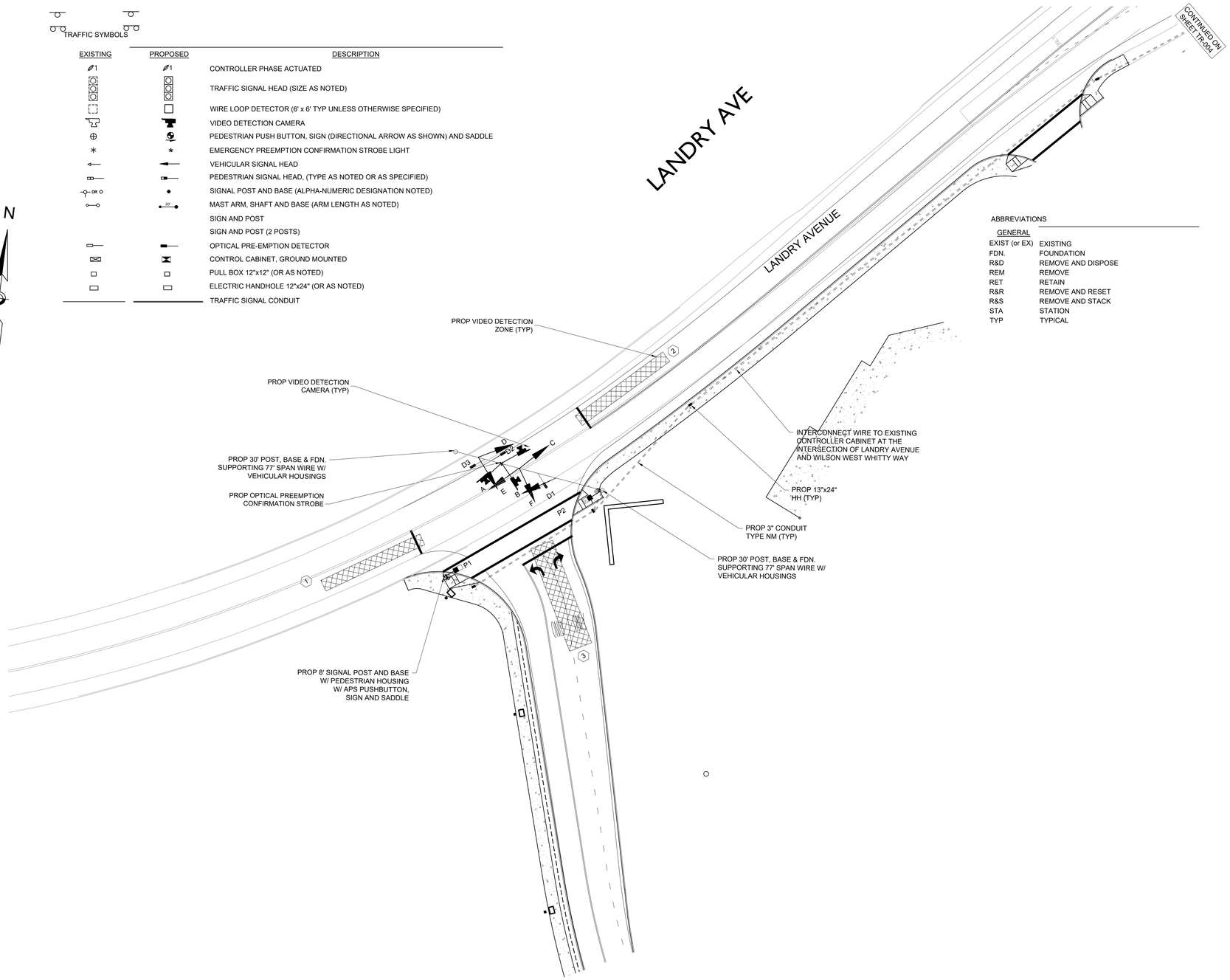
TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
1	1	CONTROLLER PHASE ACTUATED
		TRAFFIC SIGNAL HEAD (SIZE AS NOTED)
		WIRE LOOP DETECTOR (6' x 6' TYP UNLESS OTHERWISE SPECIFIED)
		VIDEO DETECTION CAMERA
		PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE
		EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT
		VEHICULAR SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD, (TYPE AS NOTED OR AS SPECIFIED)
OR		SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
	20'	MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)
		SIGN AND POST
		SIGN AND POST (2 POSTS)
		OPTICAL PRE-EMPTION DETECTOR
		CONTROL CABINET, GROUND MOUNTED
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

N



ABBREVIATIONS

GENERAL

EXIST (or EX)	EXISTING
FDN.	FOUNDATION
R&D	REMOVE AND DISPOSE
REM	REMOVE
RET	RETAIN
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
STA	STATION
TYP	TYPICAL

TRAFFIC SIGNAL ABBREVIATIONS

DW	STEADY UPRAISED HAND
FDW	FLASHING UPRAISED HAND
FR	FLASHING CIRCULAR RED
FY	FLASHING CIRCULAR YELLOW
G	STEADY CIRCULAR GREEN
GL	STEADY GREEN LEFT ARROW
GR	STEADY GREEN RIGHT ARROW
OL	OVERLAP
PED	PEDESTRIAN
R	STEADY CIRCULAR RED
W	STEADY WALKING PERSON
Y	STEADY CIRCULAR YELLOW

0 20 50 100

SCALE: 1" = 20'

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

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REGISTERED PROFESSIONAL ENGINEER
12/17/2025

REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:

TRAFFIC SIGNAL PLAN
LANDRY AVENUE AND
HS DRIVEWAY

SHEET NUMBER:

TR-002

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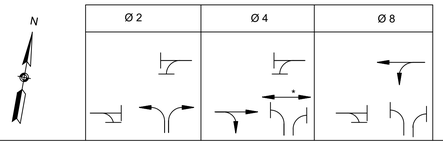
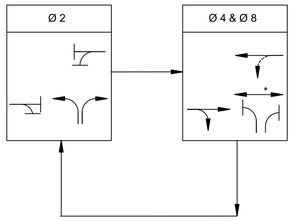


SEQUENCE AND TIMING FOR FULL ACTUATED CONTROL (ISOLATED)

STREET	DIRECTION	HOUSINGS	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	FLASH OPER.
LANDRY AVENUE	EB	A, B	R	R	R	G	Y	R	R	R	R	FY
LANDRY AVENUE	WB	C, D	R	R	R	R	R	R	G	Y	R	FY
NORTH ATTLEBOROUGH HS DRIVEWAY	NB	E, F,G	G	Y	R	R	R	R	R	R	R	FR
PEDESTRIAN CROSSING	EB-WB	P1-P2	DW	DW	DW	W/FDW	DW	DW	DW	DW	DW	OFF
TIMING IN SECONDS												
MINIMUM GREEN (INITIAL)			5			5			5			EMERGENCY ONLY
PASSAGE TIME (VEHICLE)			3			3			3			
MAXIMUM 1			18.5			32.5			32.5			
MAXIMUM 2			18			18			18			
YELLOW CLEARANCE				2			3.5			3.5		
RED CLEARANCE					2			3			3	
WALK (W)			7			7			7			
PEDESTRIAN CLEARANCE			15			15			15			
RECALL			OFF			SOFT			SOFT			
MEMORY			NON-LOCK			NON-LOCK			NON-LOCK			

* PEDESTRIAN PHASE PUSH BUTTON ACTUATED ONLY.
MAXIMUM 1: 6:00 AM TO 9:00 AM AND 1:00 PM TO 4:00 PM
MAXIMUM 2: ALL OTHER TIMES

PREFERENTIAL PHASING SEQUENCE



EMERGENCY VEHICLE PREEMPTION SCHEDULE

APPROACH	PREEMPTION RECEIVER	PREEMPTION PHASE	NEXT PHASE CALLED
NORTHBOUND	D1	2	4 & 8
WESTBOUND	D2	8 & 4	2
EASTBOUND	D3	4 & 8	2

EMERGENCY VEHICLE PREEMPTION OPERATION:

1. EMERGENCY VEHICLE PREEMPTION SHALL BE ACTUATED BY AN OPTICAL SIGNAL FROM AN OPTICAL EMITTER MOUNTED ON AN EMERGENCY VEHICLE AND RECEIVED BY AN OPTICAL DETECTOR LOCATED AT INTERSECTION. A SEPARATE RECEIVING DETECTOR IS REQUIRED FOR EACH DETECTED APPROACH.
2. PREEMPTION SIGNALS FROM MULTIPLE APPROACHES SHALL BE SERVICED ON A FIRST DETECTED FIRST SERVED BASIS.
3. IN RESPONSE TO A PREEMPTION SIGNAL RECEIVED AT AN INTERSECTION BY AN OPTICAL DETECTOR, THE CONTROLLER SHALL TIME THE CLEARANCE INTERVALS OF THE ACTIVE PHASE (IF DIFFERENT THAT TO BE SERVICED) AND ADVANCE TO AND/OR HOLD IN EMERGENCY VEHICLE PREEMPTION PHASE UNTIL PREEMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN TIME CLEARANCES AND SIMILARLY SERVICE OTHER EMERGENCY VEHICLE PREEMPTION SEQUENCES IN THE ORDER RECEIVED (IF RECEIVED) OTHERWISE, RESUME NORMAL PREFERENTIAL PHASE SEQUENCE.
4. PREEMPTION MINIMUM GREENS SHALL BE SIX SECONDS.
5. NORMAL CLEARANCES SHALL BE PROVIDED ON PHASES THAT ARE TERMINATED BY PREEMPTION DEMAND.
6. ACTUAL TIMING FOR PREEMPTION SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FIRE DEPARTMENT AND SHALL BE APPROVED BY THE TOWN PRIOR TO OPERATION.

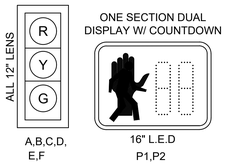
VIDEO DETECTOR DATA

DELAY TIME EFFECTIVE ONLY DURING CALLED Ø RED. TIME IN SEC.

DETECTOR NUMBER	NUMBER OF SEGMENTS	VIDEO DETECTION ZONE	Ø CALLED	Ø EXT.	MODE A=PULSE B=PRES.	DELAY TIME	EXT. TIME
1	1	6' x 55'	4	4	B	-	-
2	1	6' x 55'	8	8	B	-	-
3	1	12' x 55'	2	2	B	-	-

	MAJOR ITEMS REQUIRED	
PAY ITEM	QUANTITY	ITEM
815.01	1	TS2 TYPE 1 CONTROLLER & FDN.
	1	SERVICE CONNECTION, TYPE OVERHEAD
	2	8' SIGNAL POLE, BASE, & FDN.
	2	30 FT, GALV. STEEL SPAN WIRE POLE ASSEMBLY , BASE & FDN.
	6	1 WAY, 3 SECTION, SIGNAL HOUSING (12" L.E.D.)
	6	5" 3-SECTION BACKPLATES (NON-LOUVERED) WITH 3" RETROREFLECTIVE BORDER
	2	16" PEDESTRIAN COUNTDOWN HOUSING, TYPE L.E.D. (INT'L SYMBOL)
	2	PEDESTRIAN PUSH BUTTON, SIGN & SADDLES (APS)
	3	EMERGENCY VEHICLE PRE-EMPTION RECEIVER-SINGLE CHANNEL
	2	EMERGENCY VEHICLE PRE-EMPTION PHASE SELECTOR MODULE-DUAL CHANNEL
	1	VIDEO DETECTION SYSTEM WITH 3 CAMERAS
	1	EMERGENCY VEHICLE PRE-EMPTION CONFIRMATION STROBE (WHITE)
811.22	5	13" X 24" ELECTRIC HANDHOLE - SD2.022
811.31	1	12" X 12" PULL BOX
		Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation.

PROPOSED SIGNAL IDENTIFICATION



NOTES:

1. ALL SIGNALS SHALL HAVE CUT AWAY VISORS.
2. ALL SIGNALS SHALL HAVE 12" LED WITH 5" NON LOUVERED BACK PLATES.
3. ALL PROPOSED PEDESTRIAN INDICATIONS SHALL BE 16' L.E.D. AND BE EQUIPPED WITH SUN CAP VISORS.
4. ALL BACKPLATES SHALL HAVE A 3" YELLOW RETROREFLECTIVE BORDER

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North Attleborough High School

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North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:



REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:

TRAFFIC SIGNAL TIMING AND PHASING PLAN LANDRY AVENUE AND HS DRIVEWAY

SHEET NUMBER:

TR-003

12/17/2025 1:31 PM
12/11/2025 9:25:30 AM
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NOTES:
1. THIS PLAN REPRESENTS THE LAYOUT OF THE TRAFFIC SIGNAL EQUIPMENT ONLY. GIVEN THE LACK OF RECORD INFORMATION FOR SUBSURFACE TRAFFIC SIGNAL UTILITIES, FURTHER EXPLORATION WILL BE REQUIRED DURING CONSTRUCTION TO ACCOMMODATE THE NEW PEDESTRIAN SIGNAL EQUIPMENT AND INTERCONNECT FROM THE NEW TRAFFIC SIGNAL AT THE HIGH SCHOOL DRIVEWAY.
2. EXISTING WIRE LOOP DETECTORS IN THE EXISTING NORTHBOUND LANES OF WILSON WEST WHITTY WAY (NOT SHOWN) ARE TO BE ABANDONED IN PLACE UNLESS CONSTRUCTION NECESSITATES THEIR REMOVAL.
3. EXISTING WIRE LOOP DETECTOR IN THE WESTBOUND LEFT TURN LANE OF LANDRY AVENUE (NOT SHOWN) IS TO REMAIN CONNECTED IN PLACE.
4. ANY EXISTING SIGNAL EQUIPMENT REMOVED AND STACKED SHALL BE RENDERED TO THE NORTH ATTLEBOROUGH DEPARTMENT OF PUBLIC WORKS.

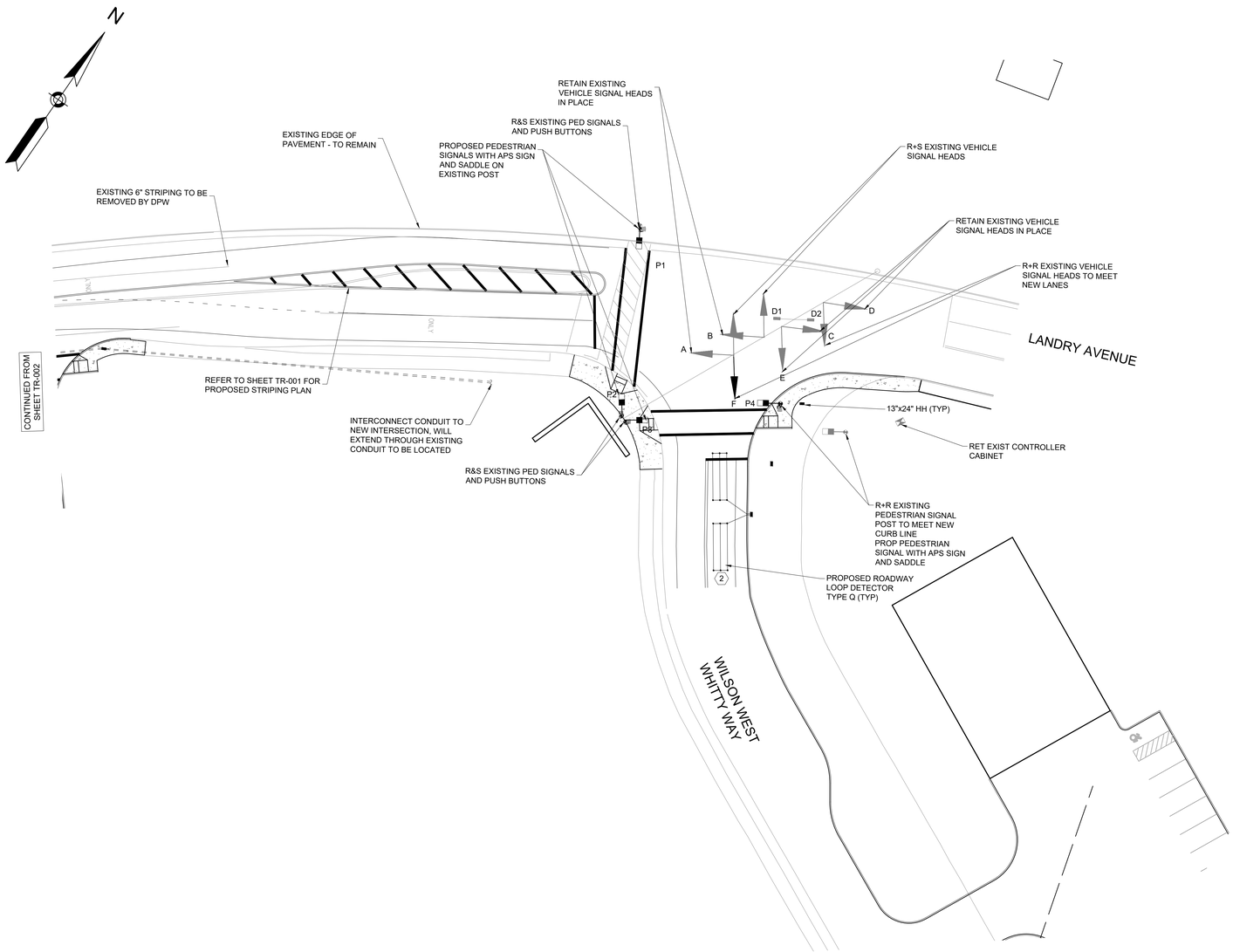
ABBREVIATIONS

GENERAL

EXIST (or EX)	EXISTING
FDN.	FOUNDATION
R&D	REMOVE AND DISPOSE
REM	REMOVE
RET	RETAIN
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
STA	STATION
TYP	TYPICAL

TRAFFIC SIGNAL ABBREVIATIONS

DW	STEADY UPRAISED HAND
FDW	FLASHING UPRAISED HAND
FR	FLASHING CIRCULAR RED
FY	FLASHING CIRCULAR YELLOW
G	STEADY CIRCULAR GREEN
GL	STEADY GREEN LEFT ARROW
GR	STEADY GREEN RIGHT ARROW
OL	OVERLAP
PED	PEDESTRIAN
R	STEADY CIRCULAR RED
W	STEADY WALKING PERSON
Y	STEADY CIRCULAR YELLOW



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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
BRYAN MICHAEL ZIMOLKA
CIVIL
NO. 50501
REGISTERED PROFESSIONAL ENGINEER
12/19/2025

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:

TRAFFIC SIGNAL PLAN
LANDRY AVENUE AND
WILSON WEST WHITTY WAY

SHEET NUMBER:

TR-004

12/17/2025 1:31 PM
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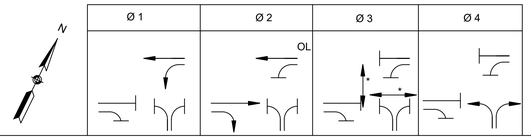
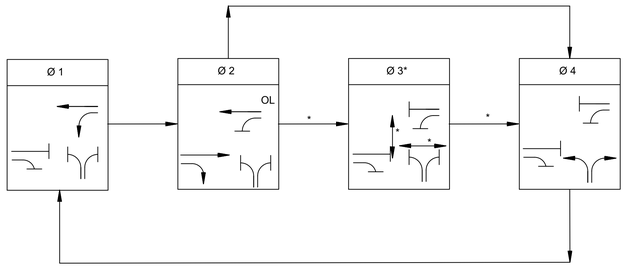


SEQUENCE AND TIMING FOR FULL ACTUATED CONTROL (ISOLATED)

STREET	DIRECTION	HOUSINGS	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	FLASH OPER.
LANDRY AVENUE	EB	A, B	R	R	R	G	Y	R	R	R	R	R	R	R	FY
LANDRY AVENUE	WB-LT	C	GL/G	YL/G	G	G	Y	R	R	R	R	R	R	R	FY
LANDRY AVENUE	WB	D	G	G	G	G	Y	R	R	R	R	R	R	R	FY
WILSON W WHITTY WAY	NB	E, F	R	R	R	R	R	R	R	R	R	G	Y	R	FR
PEDESTRIAN CROSSING	NB-SB	P1-P2	DW	DW	DW	DW	DW	DW	W/FDW	DW	DW	DW	DW	DW	OFF
PEDESTRIAN CROSSING	EB-WB	P3-P4	DW	DW	DW	DW	DW	DW	W/FDW	DW	DW	DW	DW	DW	OFF
			TIMING IN SECONDS												
MINIMUM GREEN (INITIAL)			5			15						7			EMERGENCY ONLY
PASSAGE TIME (VEHICLE)			2			2						2			
MAXIMUM 1			7			40						20			
MAXIMUM 2			7			40						20			
YELLOW CLEARANCE				3.5			3.5						3		
RED CLEARANCE					4			4						3	
WALK (W)									7						
PEDESTRIAN CLEARANCE									14						
RECALL			MIN			MIN			OFF			OFF			
MEMORY			NON-LOCK			NON-LOCK			NON-LOCK			NON-LOCK			

* PEDESTRIAN PHASE PUSH BUTTON ACTUATED ONLY.
MAXIMUM 1: 6:00 AM TO 9:00 AM AND 1:00 PM TO 4:00 PM
MAXIMUM 2: ALL OTHER TIMES

PREFERENTIAL PHASING SEQUENCE



* PEDESTRIAN PHASE PUSH BUTTON ACTUATED ONLY.

	MAJOR ITEMS REQUIRED	
PAY ITEM	QUANTITY	ITEM
816.01	4	16" PEDESTRIAN COUNTDOWN HOUSING, TYPE L.E.D. (INT'L SYMBOL)
	4	PEDESTRIAN PUSH BUTTON, SIGN & SADDLES (APS)
	1	DUAL CHANNEL LOOP DETECTOR AMPLIFIER (CARD RACK)
	2	ROADWAY LOOP DETECTOR (SEE LOOP DETECTOR DATA TABLE)
811.22	2	13" X 24" ELECTRIC HANDHOLE - SD2.022
		Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation.

PROPOSED LOOP DETECTOR TABLE

DETECTOR NUMBER	AMPLIFIER NUMBER	CHANNEL NUMBER	LOOP SIZE	NUM. OF TURNS	Ø CALLED	Ø EXT.	MODE A=PULSE B=PRES.	DELAY TIME	EXT. TIME
⬡2	2	1	2@20'X6'	2-4-2	4	4	B	-	-

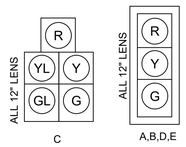
EMERGENCY VEHICLE PREEMPTION SCHEDULE

APPROACH	PREEMPTION RECEIVER	PREEMPTION PHASE	NEXT PHASE CALLED
EASTBOUND	D1	2	4
WESTBOUND	D2	1	2

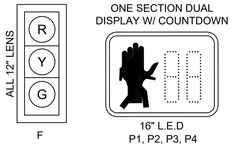
EMERGENCY VEHICLE PREEMPTION OPERATION:

1. EMERGENCY VEHICLE PREEMPTION SHALL BE ACTUATED BY AN OPTICAL SIGNAL FROM AN OPTICAL EMITTER MOUNTED ON AN EMERGENCY VEHICLE AND RECEIVED BY AN OPTICAL DETECTOR LOCATED AT INTERSECTION. A SEPARATE RECEIVING DETECTOR IS REQUIRED FOR EACH DETECTED APPROACH.
2. PREEMPTION SIGNALS FROM MULTIPLE APPROACHES SHALL BE SERVICED ON A FIRST DETECTED FIRST SERVED BASIS.
3. IN RESPONSE TO A PREEMPTION SIGNAL RECEIVED AT AN INTERSECTION BY AN OPTICAL DETECTOR, THE CONTROLLER SHALL TIME THE CLEARANCE INTERVALS OF THE ACTIVE PHASE (IF DIFFERENT THAT TO BE SERVICED) AND ADVANCE TO AND/OR HOLD IN EMERGENCY VEHICLE PREEMPTION PHASE UNTIL PREEMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN TIME CLEARANCES AND SIMILARLY SERVICE OTHER EMERGENCY VEHICLE PREEMPTION SEQUENCES IN THE ORDER RECEIVED (IF RECEIVED) OTHERWISE, RESUME NORMAL PREFERENTIAL PHASE SEQUENCE.
4. PREEMPTION MINIMUM GREENS SHALL BE SIX SECONDS.
5. NORMAL CLEARANCES SHALL BE PROVIDED ON PHASES THAT ARE TERMINATED BY PREEMPTION DEMAND.
6. ACTUAL TIMING FOR PREEMPTION SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FIRE DEPARTMENT AND SHALL BE APPROVED BY THE TOWN PRIOR TO OPERATION.

EXISTING SIGNAL IDENTIFICATION



PROPOSED SIGNAL IDENTIFICATION



NOTES:

1. ALL SIGNALS SHALL HAVE CUT AWAY VISORS.
2. ALL SIGNALS SHALL HAVE 12" LED WITH 5" NON LOUVERED BACK PLATES.
3. ALL PROPOSED PEDESTRIAN INDICATIONS SHALL BE 16' L.E.D. AND BE EQUIPPED WITH SUN CAP VISORS.
4. ALL BACKPLATES SHALL HAVE A 3" YELLOW RETROREFLECTIVE BORDER

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12/17/2025

REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:

TRAFFIC SIGNAL TIMING AND PHASING PLAN LANDRY AVENUE AND WILSON WEST WHITTY WAY

SHEET NUMBER:

TR-005

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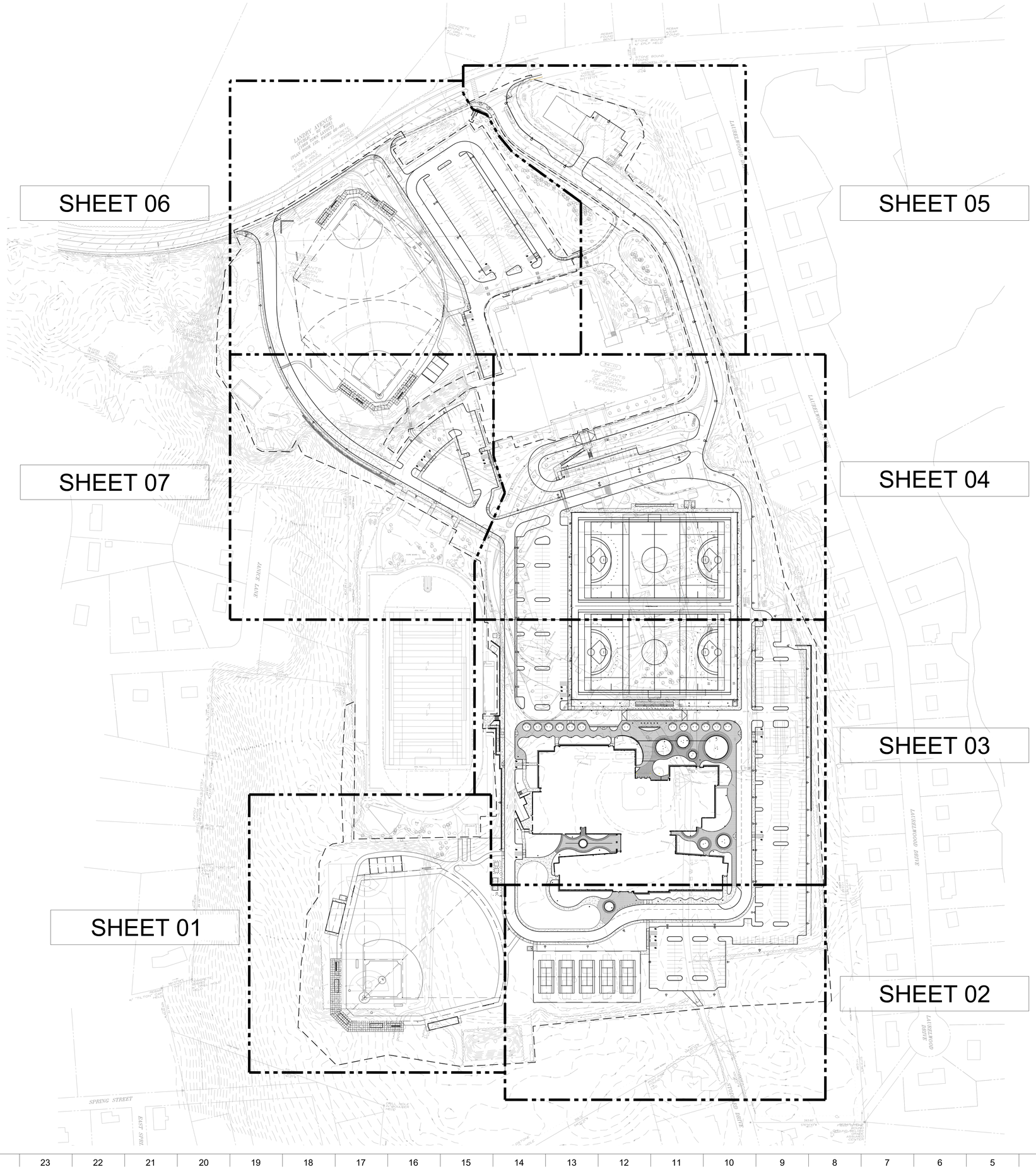

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PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:

MASSACHUSETTS · JESSIE A. BROWN · REGISTERED LANDSCAPE ARCHITECT · NO. 4439

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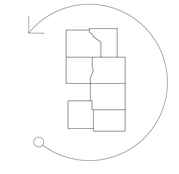

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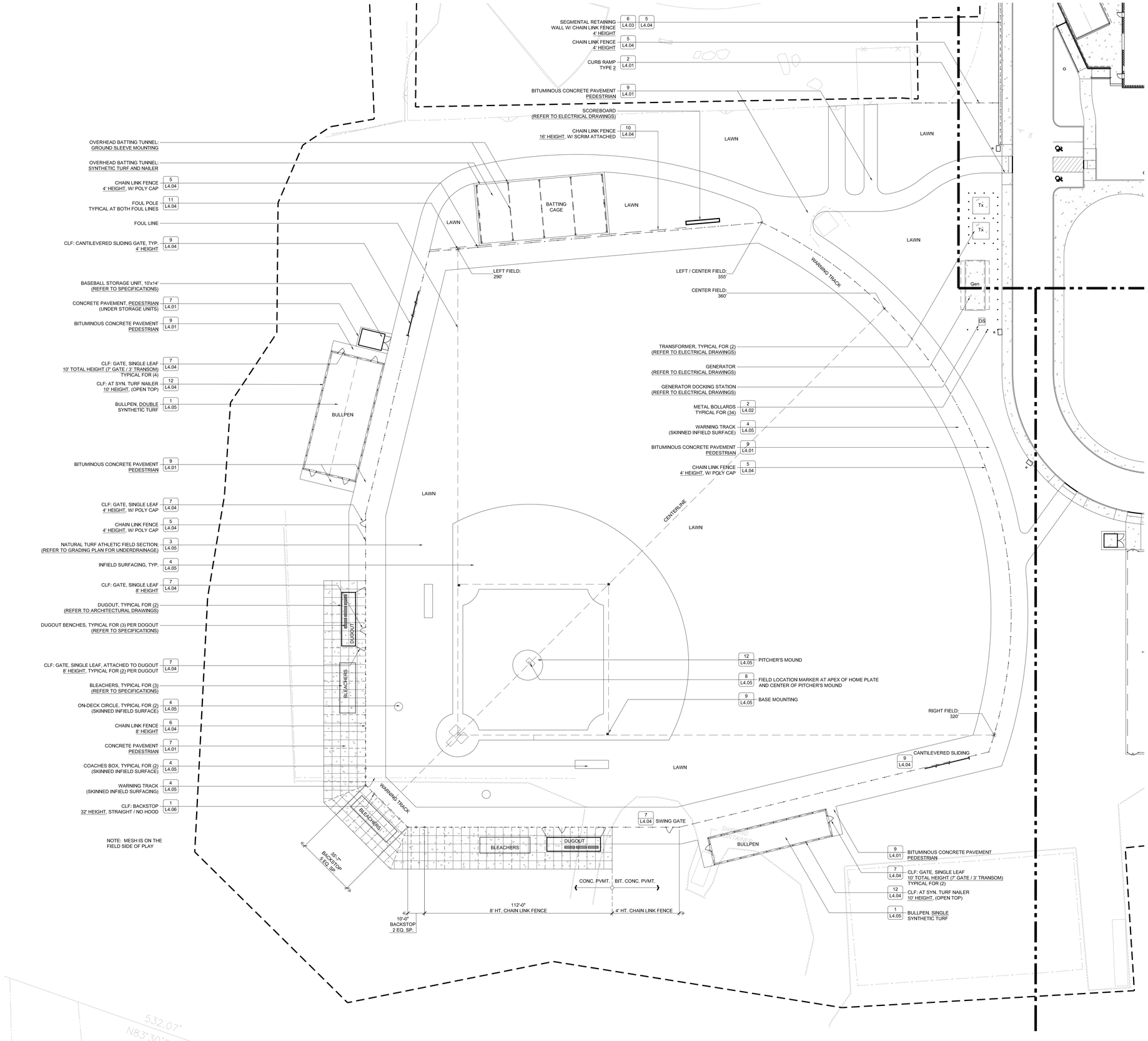
PROJECT NORTH

SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:

L1.00



MATERIAL LEGEND	
ABBREVIATIONS	
HC	CURB CUT RAMP
PL	PLANTING AREA/ LAWN
EJ	EXPANSION JOINT
SEJ	SUBBASE EXPANSION JOINT
PED	PEDESTRIAN PAVEMENT
VEH	VEHICULAR PAVEMENT
SIM	SIMILAR
VIF	VERIFY IN THE FIELD

MATERIAL LEGEND	
ABBREVIATIONS	
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	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 1
	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 2
	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 3
	DECORATIVE GRAVEL

MATERIAL NOTES

1. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON AND DEFINITIONS OF MATERIALS AND SITE IMPROVEMENTS SHOWN ON THIS PLAN.
2. REFER TO CIVIL DRAWINGS FOR:
   - 2.1. VEHICULAR PAVING AND CURBING LAYOUT.
   - 2.2. LINE PAINT AND LAYOUT OF CROSSWALKS, STOP LINES, PARKING SPACES, HANDICAPPED PARKING MARKINGS AND ALL OTHER PAVEMENT MARKINGS.
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3. REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION ON SITE LIGHTING. LIGHTING LOCATIONS SHOWN FOR CONTEXT ONLY.
4. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON MISCELLANEOUS SITE IMPROVEMENTS.
5. CONTRACTOR TO FIELD VERIFY ALL SIDEWALK ELEVATIONS AND CURB CONDITIONS PRIOR TO INSTALLATION OF CROSSWALKS AND CURB CUTS ACROSS THE ABUTTING STREETS.
6. AREAS OUTSIDE THE LIMITS OF WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
7. IT IS ASSUMED, TOTAL STATION OR SIMILAR WILL BE USED TO LAYOUT THE SITE IMPROVEMENTS.

1 / L1.01 MATERIALS PLAN: SHEET 1
SCALE: 1" = 20'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

N

PROJECT NORTH

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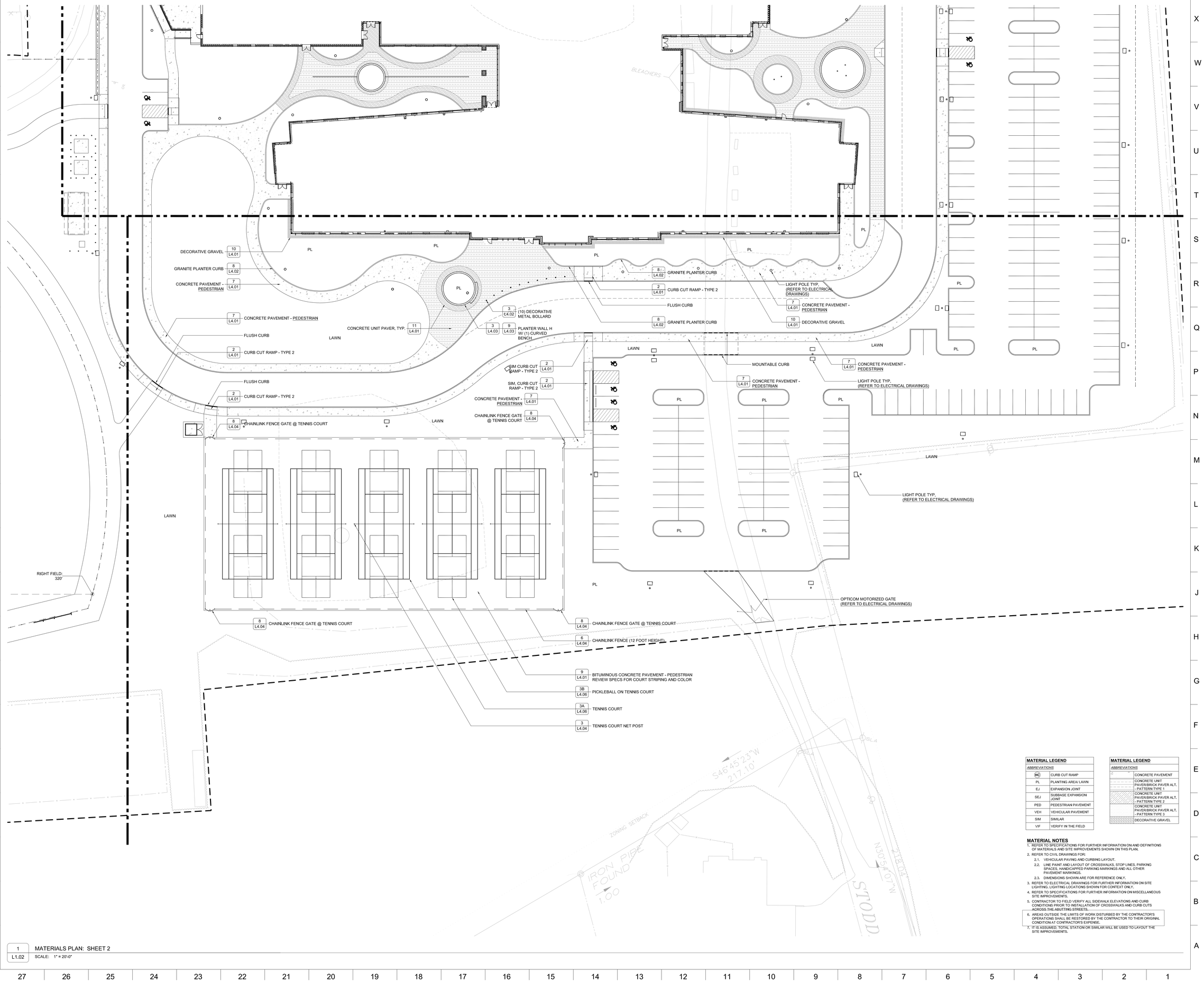
SCALE: 1"=20'-0" GRAPHIC SCALE

SHEET TITLE:
MATERIALS PLAN: SHEET 1

SHEET NUMBER:
L1.01



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1 L1.02 MATERIALS PLAN: SHEET 2

SCALE: 1" = 20'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS — JULIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

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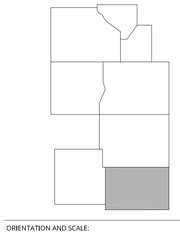
KEY PLAN



ORIENTATION AND SCALE:

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PROJECT NORTH

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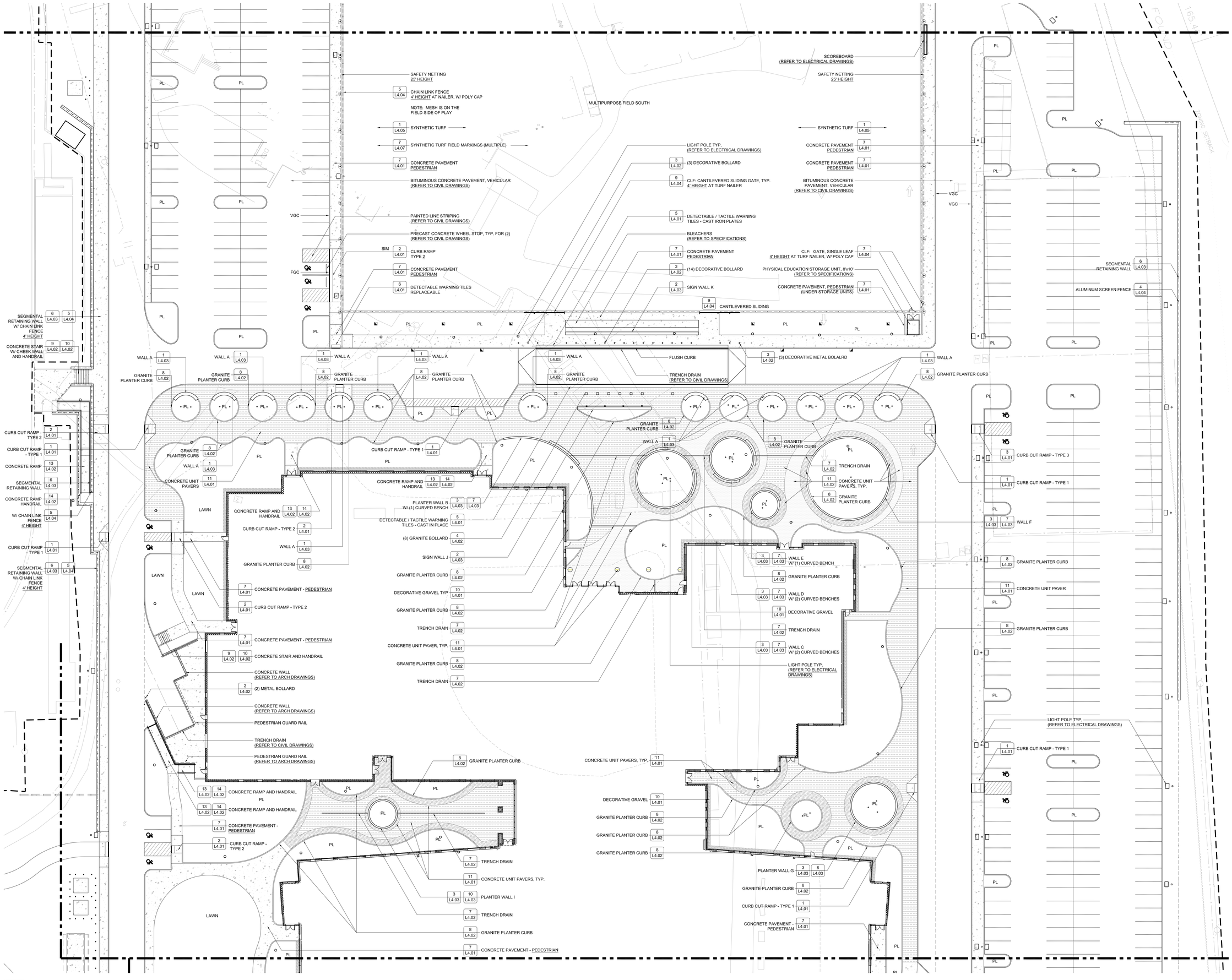
SCALE: 1"=20'-0" GRAPHIC SCALE

SHEET TITLE:

MATERIALS PLAN: SHEET 2

SHEET NUMBER:

L1.02



1 L1.03 MATERIALS PLAN: SHEET 3
SCALE: 1" = 20'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS JESSIE A. BROWN REGISTERED LANDSCAPE ARCHITECT NO. 4438

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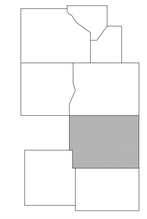

ORIENTATION AND SCALE:

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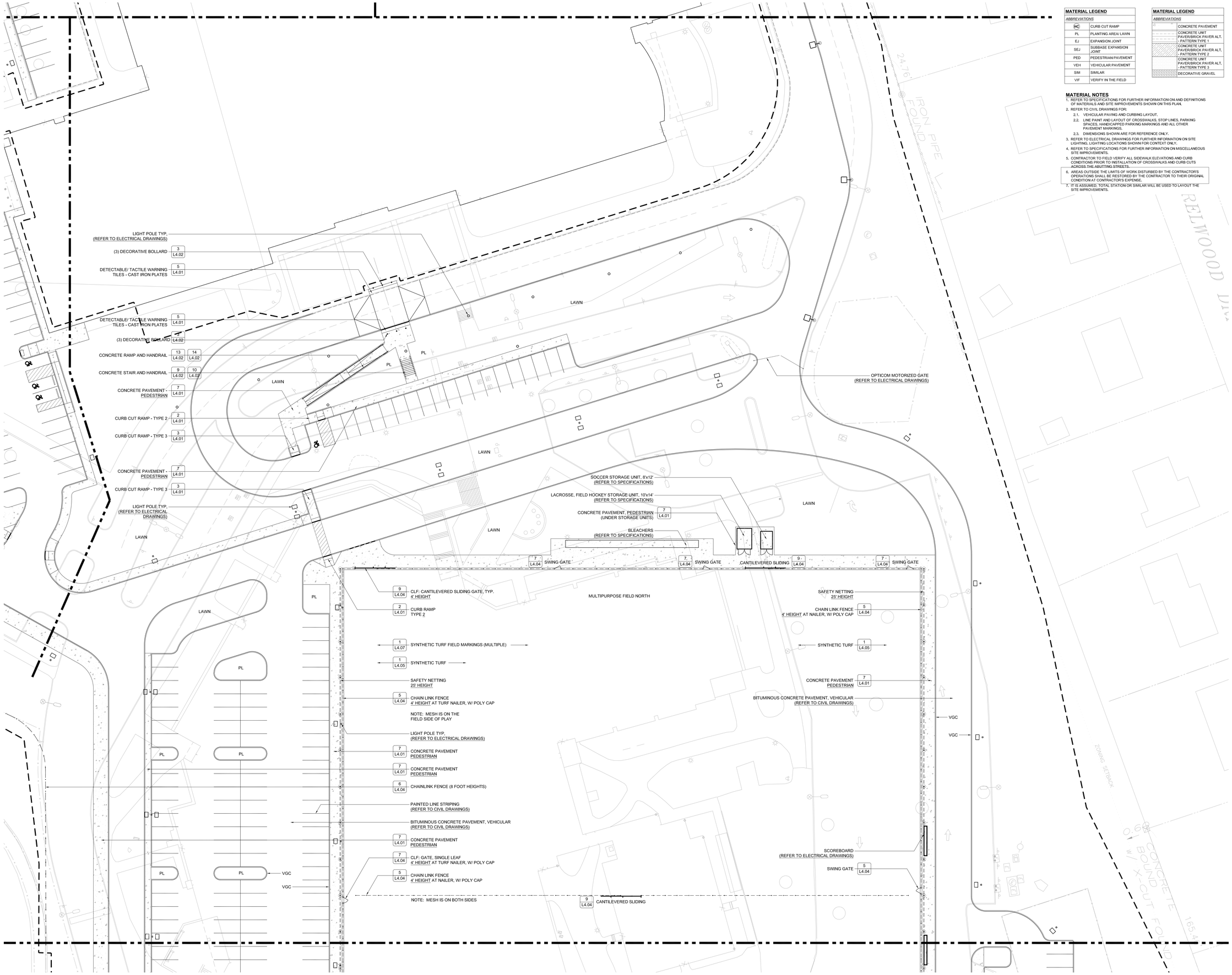
PROJECT NORTH

SHEET TITLE:

MATERIALS PLAN: SHEET 3

SHEET NUMBER:

L1.03



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	DECORATIVE GRAVEL

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4. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON MISCELLANEOUS SITE IMPROVEMENTS.
5. CONTRACTOR TO FIELD VERIFY ALL SIDEWALK ELEVATIONS AND CURB CONDITIONS PRIOR TO INSTALLATION OF CROSSWALKS AND CURB CUTS ACROSS THE ABUTTING STREETS.
6. AREAS OUTSIDE THE LIMITS OF WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
7. IT IS ASSUMED, TOTAL STATION OR SIMILAR WILL BE USED TO LAYOUT THE SITE IMPROVEMENTS.

1 L1.04 MATERIALS PLAN: SHEET 4

SCALE: 1" = 20'-0"

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1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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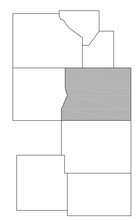
KEY PLAN



ORIENTATION AND SCALE:

N

PROJECT NORTH

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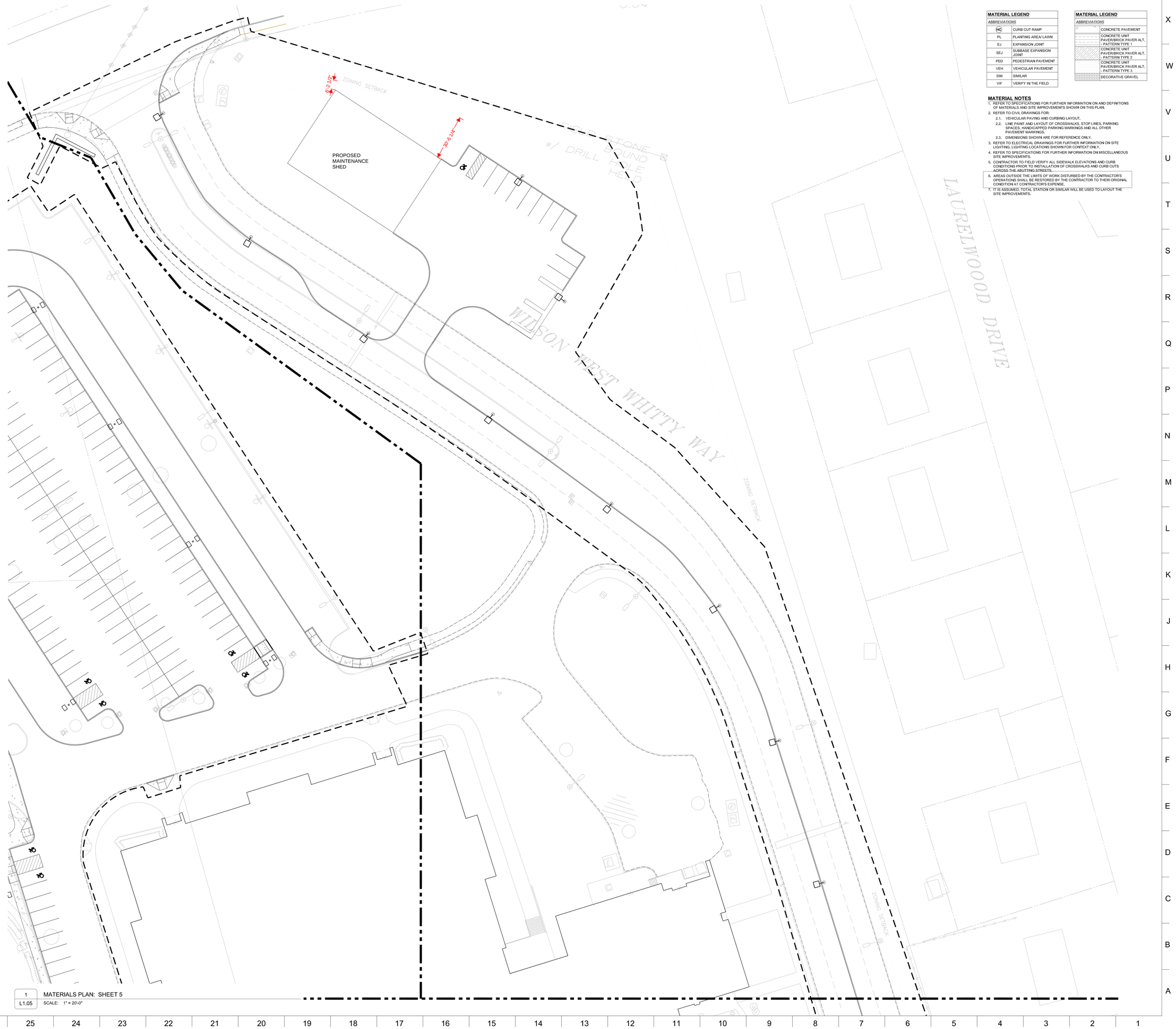
SCALE: 1"=20'-0" GRAPHIC SCALE

SHEET TITLE:

MATERIALS PLAN: SHEET 4

SHEET NUMBER:

L1.04



MATERIAL LEGEND	
ABBREVIATIONS	
HC	CURB CUT RAMP
PL	PLANTING AREA/ LAWN
EJ	EXPANSION JOINT
SEJ	SUBBASE EXPANSION JOINT
PED	PEDESTRIAN PAVEMENT
VEH	VEHICULAR PAVEMENT
SIM	SIMILAR
VIF	VERIFY IN THE FIELD

MATERIAL LEGEND	
ABBREVIATIONS	
	CONCRETE PAVEMENT
	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 1
	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 2
	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 3
	DECORATIVE GRAVEL

MATERIAL NOTES

1. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON AND DEFINITIONS OF MATERIALS AND SITE IMPROVEMENTS SHOWN ON THIS PLAN.
2. REFER TO CIVIL DRAWINGS FOR:
   - 2.1. VEHICULAR PAVING AND CURBING LAYOUT.
   - 2.2. LINE PAINT AND LAYOUT OF CROSSWALKS, STOP LINES, PARKING SPACES, HANDICAPPED PARKING MARKINGS AND ALL OTHER PAVEMENT MARKINGS.
   - 2.3. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
3. REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION ON SITE LIGHTING. LIGHTING LOCATIONS SHOWN FOR CONTEXT ONLY.
4. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON MISCELLANEOUS SITE IMPROVEMENTS.
5. CONTRACTOR TO FIELD VERIFY ALL SIDEWALK ELEVATIONS AND CURB CONDITIONS PRIOR TO INSTALLATION OF CROSSWALKS AND CURB CUTS ACROSS THE ABUTTING STREETS.
6. AREAS OUTSIDE THE LIMITS OF WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
7. IT IS ASSUMED, TOTAL STATION OR SIMILAR WILL BE USED TO LAYOUT THE SITE IMPROVEMENTS.

1 L1.05 MATERIALS PLAN: SHEET 5
SCALE: 1" = 20'-0"

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www.brownsardina.com

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
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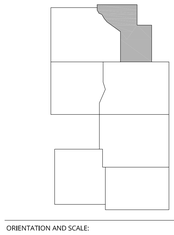
KEY PLAN



ORIENTATION AND SCALE:

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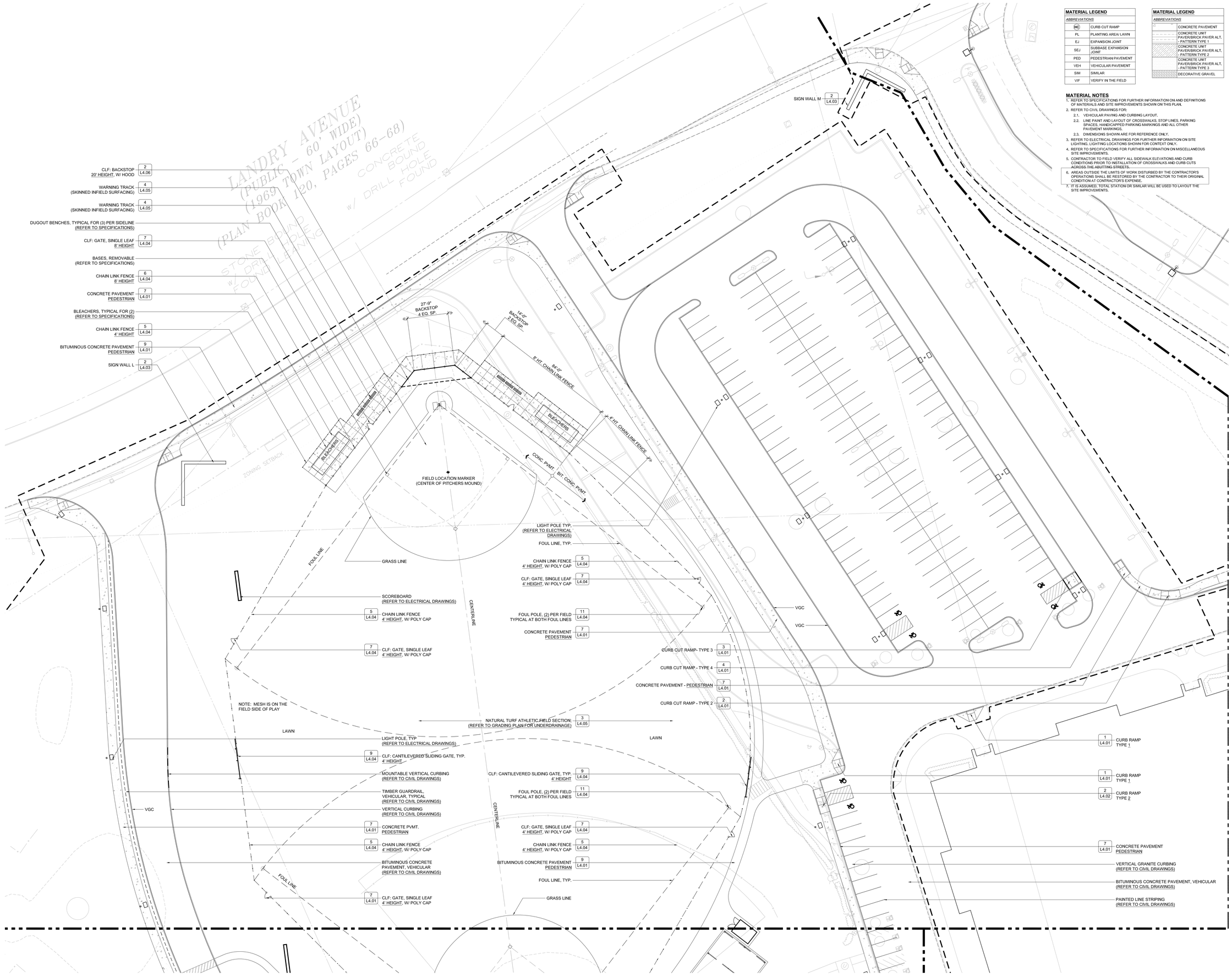
SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:
MATERIALS PLAN: SHEET 5

SHEET NUMBER:
L1.05



MATERIAL LEGEND

ABBREVIATIONS	
HC	CURB CUT RAMP
PL	PLANTING AREA/ LAWN
EJ	EXPANSION JOINT
SEJ	SUBBASE EXPANSION JOINT
PED	PEDESTRIAN PAVEMENT
VEH	VEHICULAR PAVEMENT
SIM	SIMILAR
VIF	VERIFY IN THE FIELD

MATERIAL LEGEND

ABBREVIATIONS	
	CONCRETE PAVEMENT
	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 1
	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 2
	CONCRETE UNIT PAVER/BRICK PAVER ALT. - PATTERN TYPE 3
	DECORATIVE GRAVEL

MATERIAL NOTES

1. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON AND DEFINITIONS OF MATERIALS AND SITE IMPROVEMENTS SHOWN ON THIS PLAN.
2. REFER TO CIVIL DRAWINGS FOR:
   - 2.1. VEHICULAR PAVING AND CURBING LAYOUT.
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5. CONTRACTOR TO FIELD VERIFY ALL SIDEWALK ELEVATIONS AND CURB CONDITIONS PRIOR TO INSTALLATION OF CROSSWALKS AND CURB CUTS ACROSS THE ABUTTING STREETS.
6. AREAS OUTSIDE THE LIMITS OF WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
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1 L1.06 MATERIALS PLAN: SHEET 6
SCALE: 1" = 20'-0"

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1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:

MASSACHUSETTS · JESSIE A. BROWN · NO. 4439 · REGISTERED LANDSCAPE ARCHITECT

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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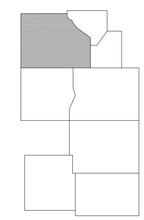
KEY PLAN



ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

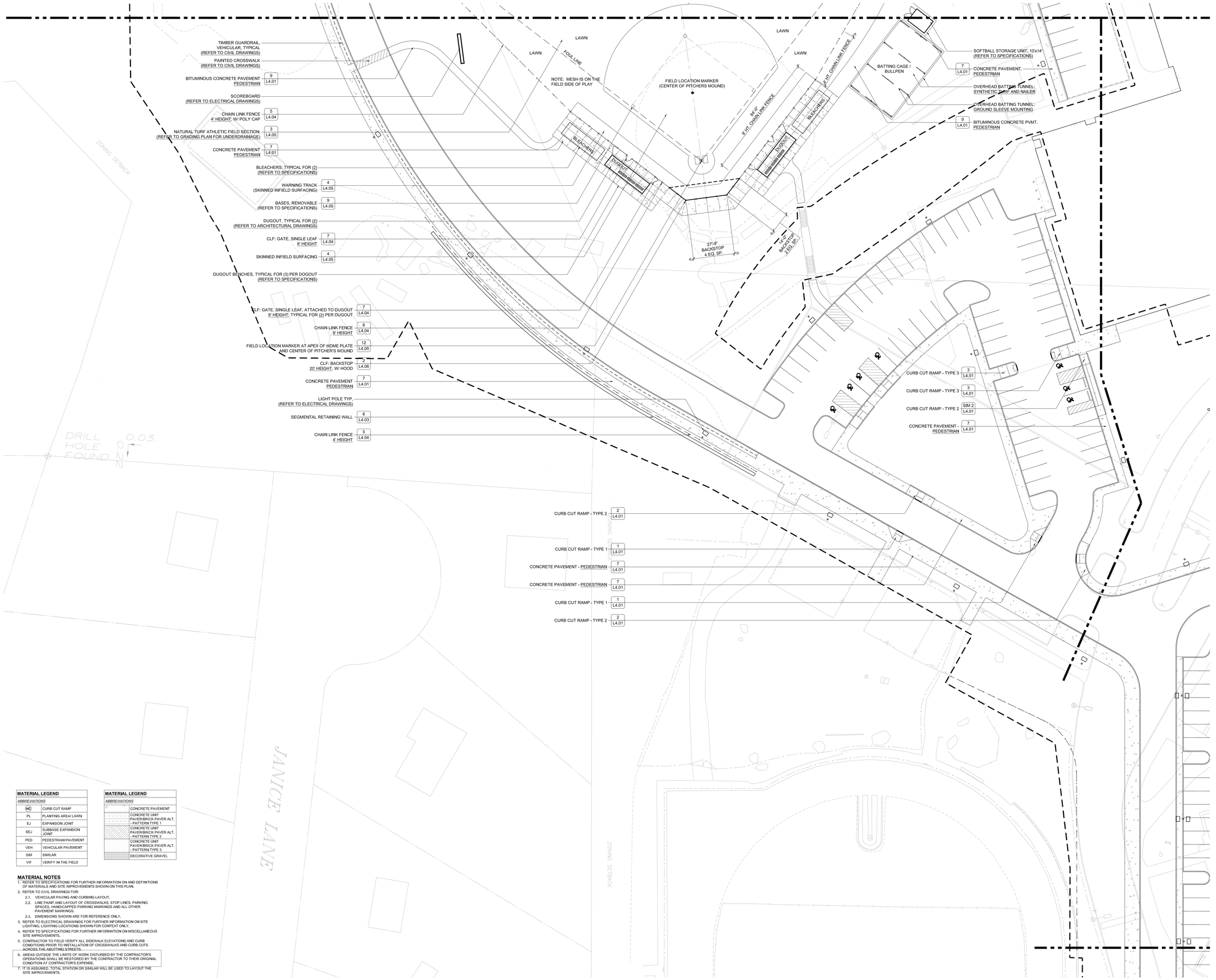
PROJECT NORTH

SHEET TITLE:

MATERIALS PLAN: SHEET 6

SHEET NUMBER:

L1.06



MATERIAL LEGEND	
ABBREVIATIONS	
HC	CURB CUT RAMP
PL	PLANTING AREA/ LAWN
EJ	EXPANSION JOINT
SEJ	SUBBASE EXPANSION JOINT
PED	PEDESTRIAN PAVEMENT
VEH	VEHICULAR PAVEMENT
SIM	SIMILAR
VIF	VERIFY IN THE FIELD

MATERIAL LEGEND	
ABBREVIATIONS	
	CONCRETE PAVEMENT
	CONCRETE UNIT PAVER/BRICK PAVER ALT, - PATTERN TYPE 1
	CONCRETE UNIT PAVER/BRICK PAVER ALT, - PATTERN TYPE 2
	CONCRETE UNIT PAVER/BRICK PAVER ALT, - PATTERN TYPE 3
	DECORATIVE GRAVEL

MATERIAL NOTES

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   - 2.2. LINE PAINT AND LAYOUT OF CROSSWALKS, STOP LINES, PARKING SPACES, HANDICAPPED PARKING MARKINGS AND ALL OTHER PAVEMENT MARKINGS.
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7. IT IS ASSUMED, TOTAL STATION OR SIMILAR WILL BE USED TO LAYOUT THE SITE IMPROVEMENTS.

1 L1.07 MATERIALS PLAN: SHEET 7
SCALE: 1" = 20'-0"

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1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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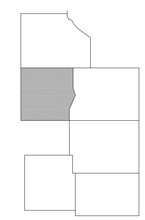
KEY PLAN



ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:

MATERIALS PLAN: SHEET 7

SHEET NUMBER:

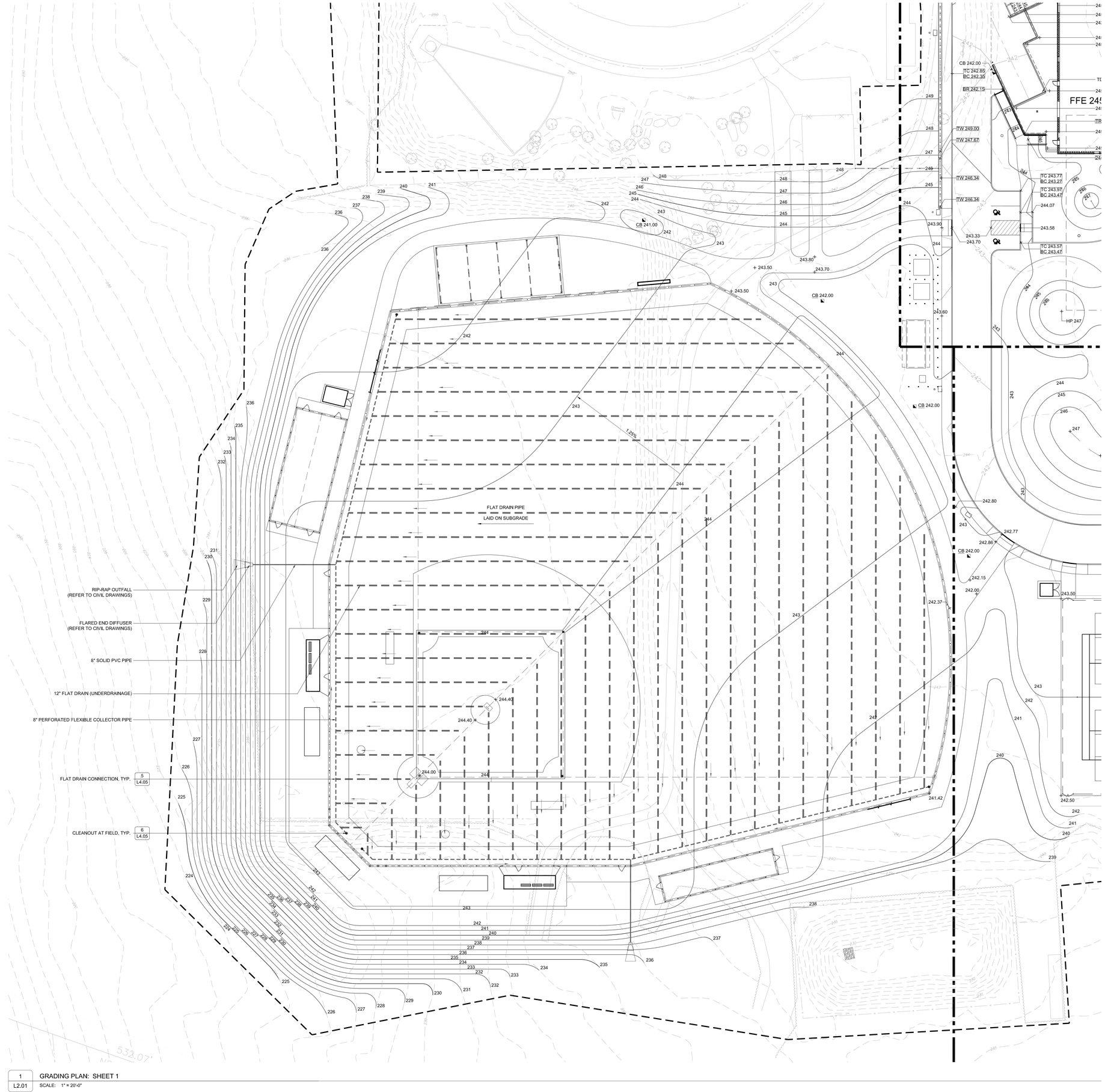
L1.07

GRADING LEGEND

ABBREVIATIONS		SYMBOLS	
FFE	FINISHED FLOOR ELEVATION	50	PROPOSED CONTOUR (1 FOOT)
HP / LP	HIGH / LOW POINT	49.50	PROPOSED MID-CONTOUR (INTERVAL AS NOTED)
TC / BC	TOP / BOTTOM OF CURB	49.85	RIDGE LINE
TW / BW	TOP / BOTTOM OF WALL	49.85	PROPOSED SPOT GRADE
TS / BS	TOP / BOTTOM OF STAIR	(49.85)	EXISTING GRADE
TR / BR	TOP / BOTTOM OF RAMP	CB	CATCH BASIN, SEE CIVIL DWGS.
MEG	MEET EXISTING GRADE	PD	PAVEMENT DRAIN
FG	FINISH GRADE	YD	YARD DRAIN
D-INV	FLAT DRAIN INVERT	TD	TRENCH DRAIN
C-INV	COLLECTOR PIPE INVERT	CO / TM	CLEANOUT / TURF MANHOLE
			SOLID PVC PIPE
			PERFORATED FLEXIBLE PIPE
			PERFORATED FLAT DRAIN
			DRAINAGE STONE

GRADING NOTES

1. HANDICAP PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED A SLOPE OF 1:50 (2%) IN ANY DIRECTION.
2. WALKWAY GRADES SHALL NOT HAVE SLOPES IN EXCESS OF 1:20 (5%) OR CROSS SLOPES IN EXCESS OF 1:50 (2%), UNLESS OTHERWISE NOTED.
3. WALK GRADIENTS AND CROSS SLOPES SHOWN ON THE GRADING PLANS ARE WITHIN, OR LESS THAN, THE REQUIREMENTS OF THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD'S (MAAB) REGULATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO CONSTRUCT THE WORK SO THAT IT IS COMPLIANT WITH ALL REQUIRED REGULATIONS. NOTE THAT THE MAXIMUM GRADIENTS WITHIN THE REGULATIONS DO NOT RECOGNIZE "CONSTRUCTION TOLERANCES." EXCEEDING THE MAXIMUM GRADIENTS IN THE REGULATIONS IS ENTIRELY AT THE CONTRACTOR'S RISK. THE CONTRACTOR SHALL VERIFY IN WRITING THAT ALL WALKS HAVE BEEN CONSTRUCTED IN COMPLIANCE WITH THE MAAB'S REGULATIONS.
4. ARROWS ASSOCIATED WITH SUBDRAINAGE PIPING ANNOTATE FLOW DIRECTION.
5. REFER TO CIVIL DRAWINGS FOR INFORMATION ON ALL STORM DRAINAGE STRUCTURES, PIPING OF STORM DRAINAGE SYSTEM, AND ALL OTHER RELATED UTILITY STRUCTURES.



1 GRADING PLAN: SHEET 1
L2.01 SCALE: 1" = 20'-0"

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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4438

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

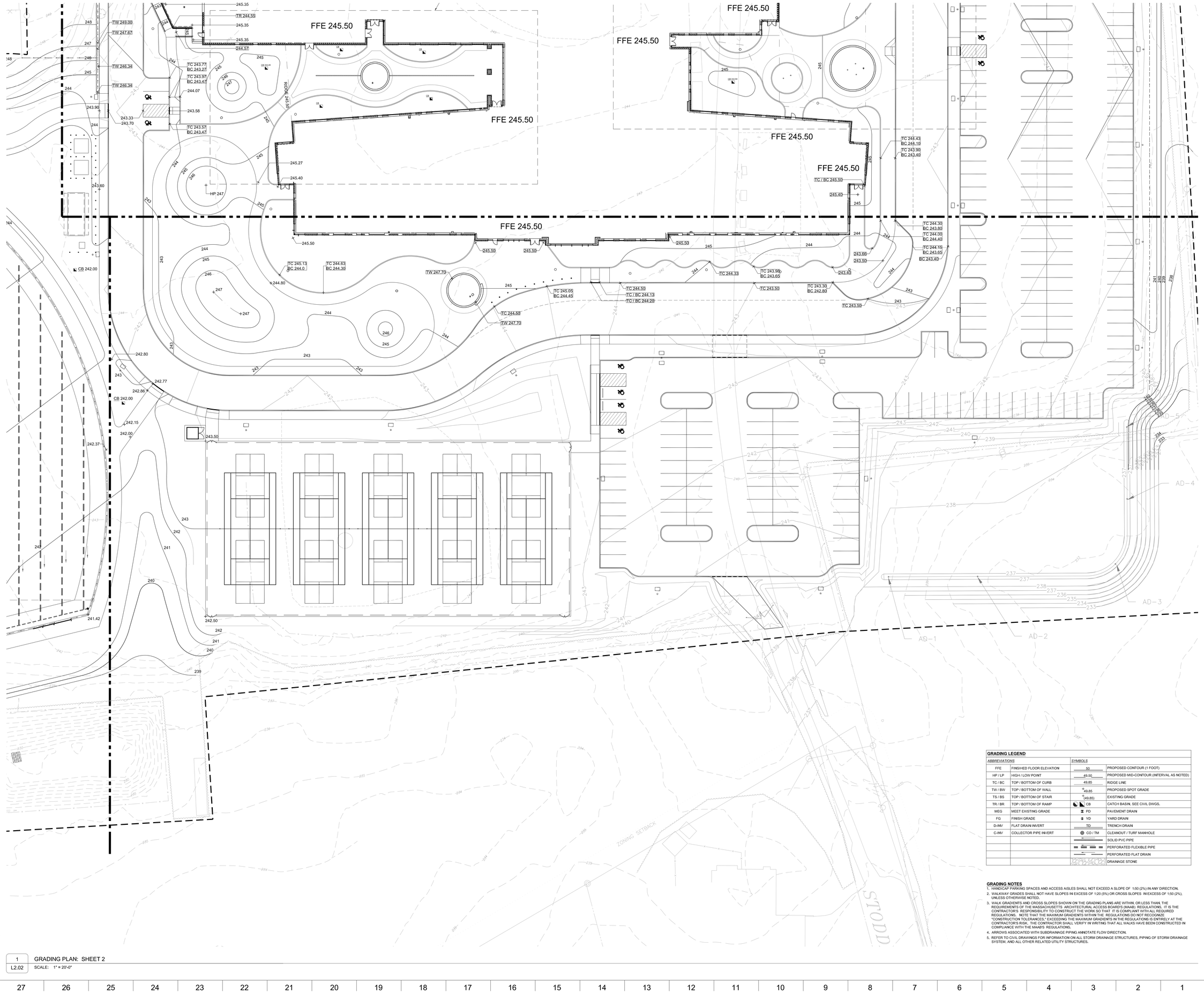
N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:
GRADING PLAN: SHEET 1

SHEET NUMBER:
L2.01



GRADING LEGEND

ABBREVIATIONS		*SYMBOLS*	
FFE	FINISHED FLOOR ELEVATION	50	PROPOSED CONTOUR (1 FOOT)
HP / LP	HIGH / LOW POINT	49.50	PROPOSED MID-CONTOUR (INTERVAL AS NOTED)
TC / BC	TOP / BOTTOM OF CURB	49.85	RIDGE LINE
TW / BW	TOP / BOTTOM OF WALL	+49.85	PROPOSED SPOT GRADE
TS / BS	TOP / BOTTOM OF STAIR	(49.85)	EXISTING GRADE
TR / BR	TOP / BOTTOM OF RAMP	CB	CATCH BASIN. SEE CIVIL DWGS.
MEG	MEET EXISTING GRADE	PD	PAVEMENT DRAIN
FG	FINISH GRADE	YD	YARD DRAIN
D-INV	FLAT DRAIN INVERT	TD	TRENCH DRAIN
C-INV	COLLECTOR PIPE INVERT	CO / TM	CLEANOUT / TURF MANHOLE
			SOLID PVC PIPE
			PERFORATED FLEXIBLE PIPE
			PERFORATED FLAT DRAIN
			DRAINAGE STONE

GRADING NOTES

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4. ARROWS ASSOCIATED WITH SUBDRAINAGE PIPING ANNOTATE FLOW DIRECTION.
5. REFER TO CIVIL DRAWINGS FOR INFORMATION ON ALL STORM DRAINAGE STRUCTURES, PIPING OF STORM DRAINAGE SYSTEM, AND ALL OTHER RELATED UTILITY STRUCTURES.

1 GRADING PLAN: SHEET 2
L2.02 SCALE: 1" = 20'-0"

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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS — MARIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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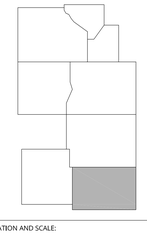
KEY PLAN



ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

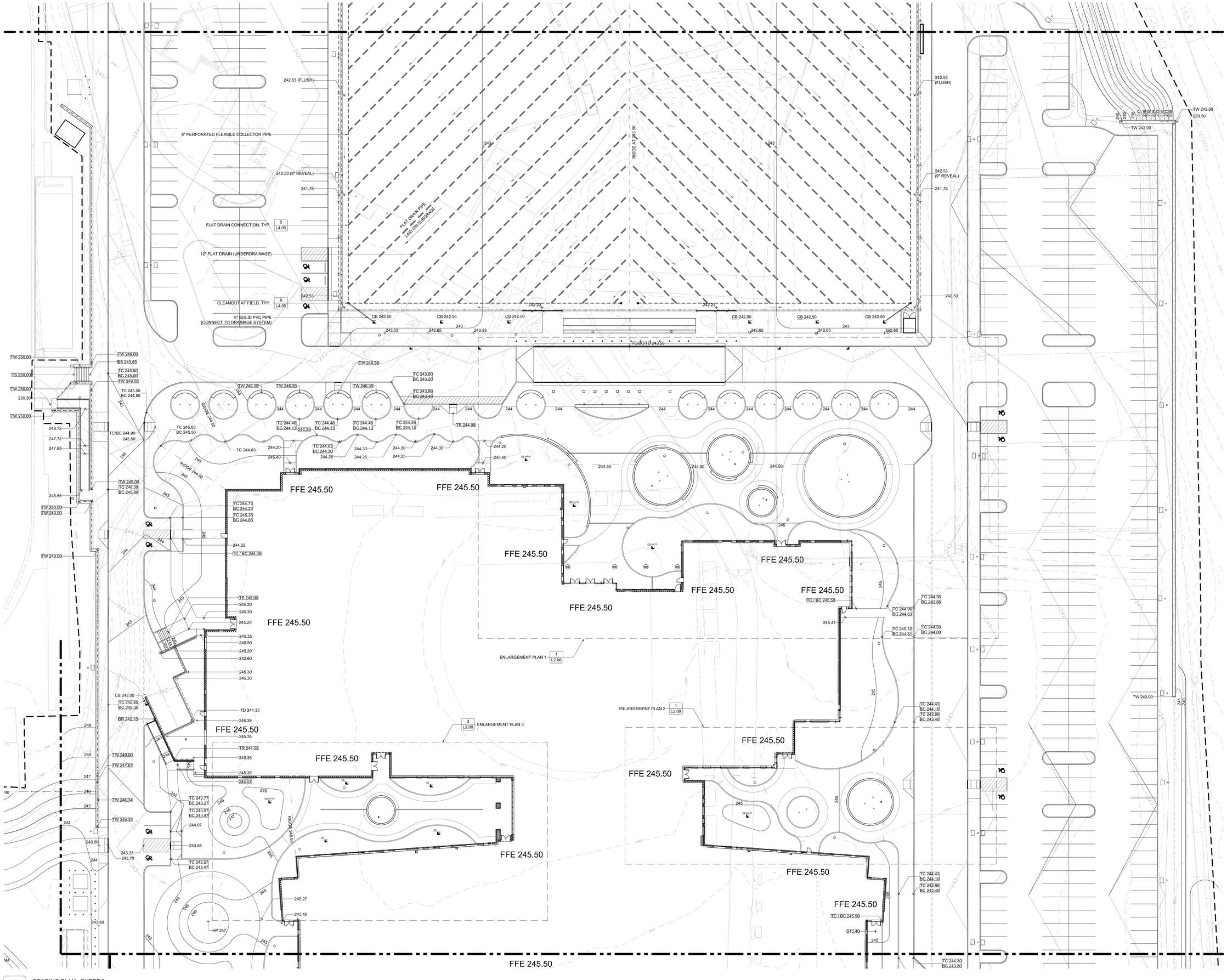
PROJECT NORTH

SHEET TITLE:

GRADING PLAN: SHEET 2

SHEET NUMBER:

L2.02



1 GRADING PLAN: SHEET 3
L2.03 SCALE: 1" = 20'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS · JESSIE A. BROWN · REGISTERED LANDSCAPE ARCHITECT · NO. 4438

REVISIONS:

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KEY PLAN

ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:

GRADING PLAN: SHEET 3

SHEET NUMBER:

L2.03

GRADING LEGEND			
ABBREVIATIONS		*SYMBOLS*	
FFE	FINISHED FLOOR ELEVATION	50	PROPOSED CONTOUR (1 FOOT)
HP / LP	HIGH / LOW POINT	49.50	PROPOSED MID-CONTOUR (INTERVAL AS NOTED)
TC / BC	TOP / BOTTOM OF CURB	49.85	RIDGE LINE
TW / BW	TOP / BOTTOM OF WALL	49.85	PROPOSED SPOT GRADE
TS / BS	TOP / BOTTOM OF STAIR	(49.85)	EXISTING GRADE
TR / BR	TOP / BOTTOM OF RAMP	CB	CATCH BASIN, SEE CIVIL DWGS.
MEG	MEET EXISTING GRADE	FD	PAVEMENT DRAIN
FG	FINISH GRADE	YD	YARD DRAIN
D-INV	FLAT DRAIN INVERT	TD	TRENCH DRAIN
C-INV	COLLECTOR PIPE INVERT	CO / TM	CLEANOUT / TURF MANHOLE
			SOLID PVC PIPE
			PERFORATED FLEXIBLE PIPE
			PERFORATED FLAT DRAIN
			DRAINAGE STONE

GRADING NOTES

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4. ARROWS ASSOCIATED WITH SUBDRAINAGE PIPING ANNOTATE FLOW DIRECTION.
5. REFER TO CIVIL DRAWINGS FOR INFORMATION ON ALL STORM DRAINAGE STRUCTURES, PIPING OF STORM DRAINAGE SYSTEM, AND ALL OTHER RELATED UTILITY STRUCTURES.

6 / L4.05 CLEANOUT AT FIELD, TYP.

8" PERFORATED FLEXIBLE COLLECTOR PIPE

5 / L4.05 FLAT DRAIN CONNECTION, TYP.

8" SOLID PVC PIPE (CONNECT TO DRAINAGE SYSTEM)

12" FLAT DRAIN (UNDERDRAINAGE)

FLAT DRAIN PIPE LAID ON SUBGRADE

RIDGE AT 243.50

ZONING SETBACK

1 / L2.04 GRADING PLAN: SHEET 4
SCALE: 1" = 20'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4438

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

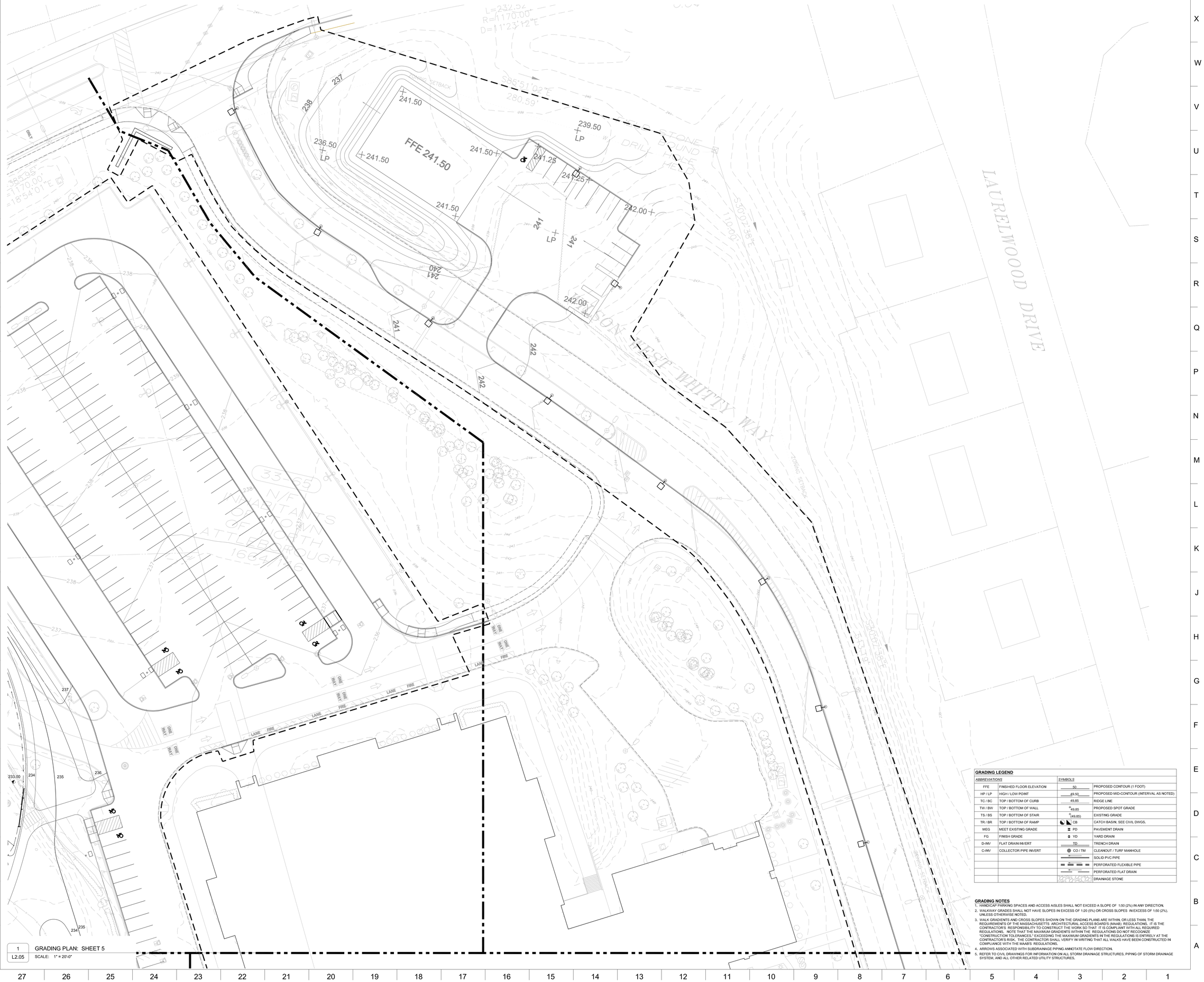
N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:
GRADING PLAN: SHEET 4

SHEET NUMBER:
L2.04



1	GRADING PLAN: SHEET 5
L2.05	SCALE: 1" = 20'-0"

GRADING LEGEND

ABBREVIATIONS		*SYMBOLS*	
FFE	FINISHED FLOOR ELEVATION	50	PROPOSED CONTOUR (1 FOOT)
HP / LP	HIGH / LOW POINT	49.50	PROPOSED MID-CONTOUR (INTERVAL AS NOTED)
TC / BC	TOP / BOTTOM OF CURB	49.85	RIDGE LINE
TW / BW	TOP / BOTTOM OF WALL	+49.85	PROPOSED SPOT GRADE
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D-INV	FLAT DRAIN INVERT	TD	TRENCH DRAIN
C-INV	COLLECTOR PIPE INVERT	CO / TM	CLEANOUT / TURF MANHOLE
			SOLID PVC PIPE
			PERFORATED FLEXIBLE PIPE
			PERFORATED FLAT DRAIN
			DRAINAGE STONE

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PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:

MASSACHUSETTS · JESSIE A. BROWN · REGISTERED LANDSCAPE ARCHITECT · NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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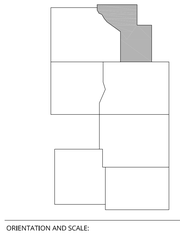
KEY PLAN



ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

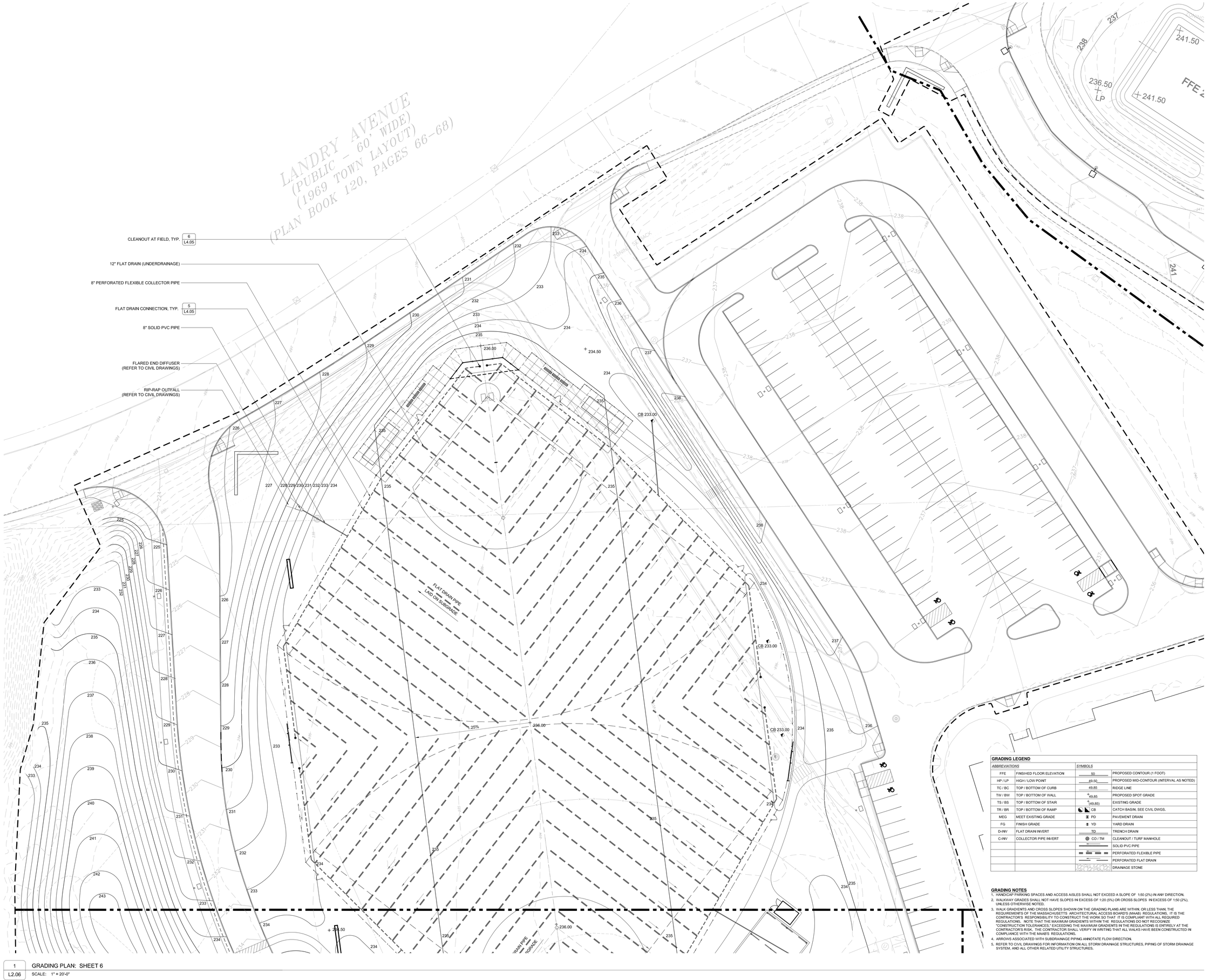
PROJECT NORTH

SHEET TITLE:

GRADING PLAN: SHEET 5

SHEET NUMBER:

L2.05



1	GRADING PLAN: SHEET 6
L2.06	SCALE: 1" = 20'-0"

GRADING LEGEND

ABBREVIATIONS		*SYMBOLS*	
FFE	FINISHED FLOOR ELEVATION	50	PROPOSED CONTOUR (1 FOOT)
HP / LP	HIGH / LOW POINT	49.50	PROPOSED MID-CONTOUR (INTERVAL AS NOTED)
TC / BC	TOP / BOTTOM OF CURB	49.85	RIDGE LINE
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D-INV	FLAT DRAIN INVERT	TD	TRENCH DRAIN
C-INV	COLLECTOR PIPE INVERT	CO / TM	CLEANOUT / TURF MANHOLE
			SOLID PVC PIPE
			PERFORATED FLEXIBLE PIPE
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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS · JESSIE A. BROWN · REGISTERED LANDSCAPE ARCHITECT · NO. 4438

REVISIONS:

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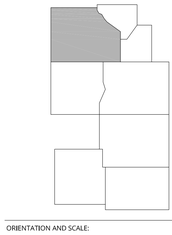
KEY PLAN



ORIENTATION AND SCALE:

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SCALE: 1"=20'-0" GRAPHIC SCALE

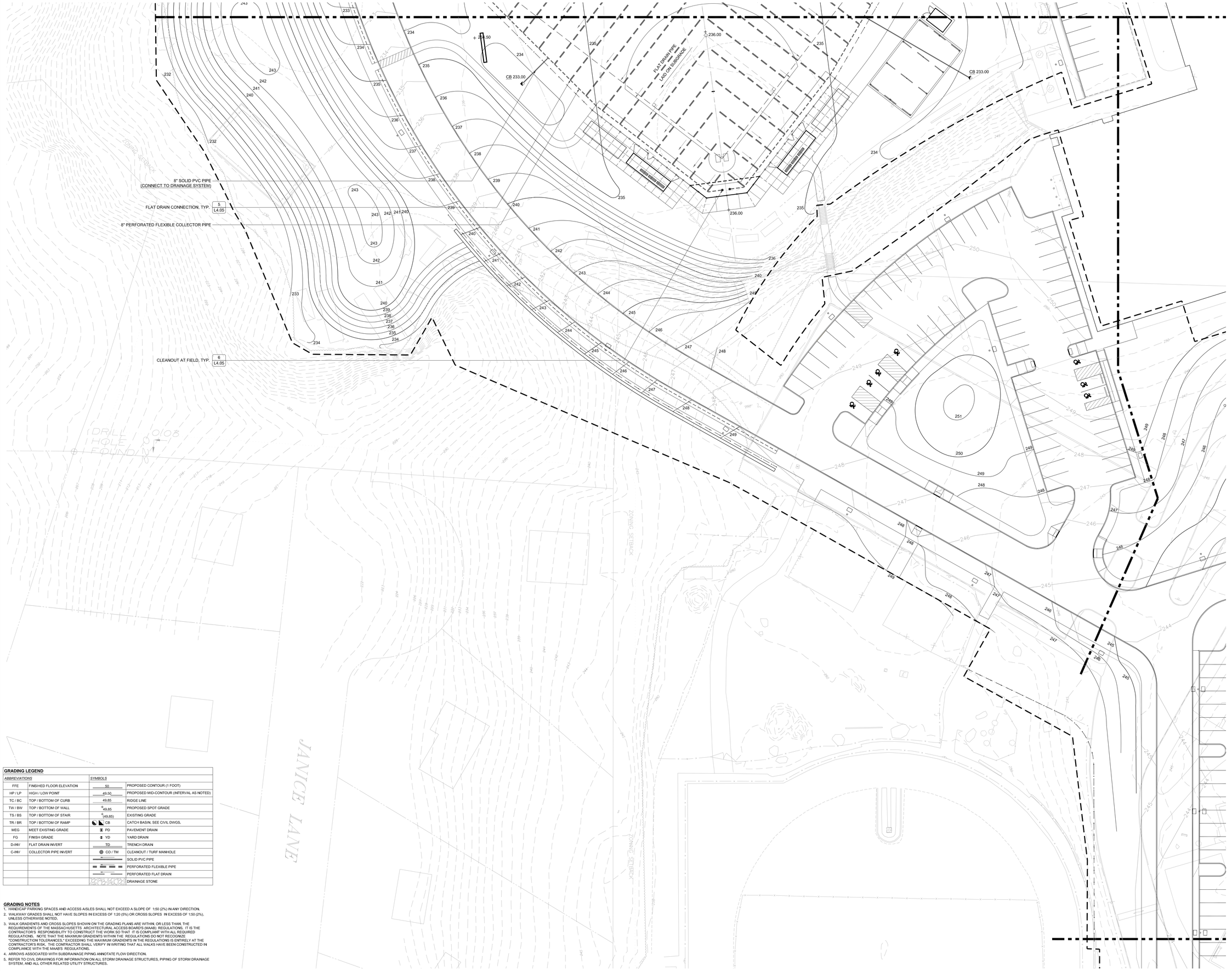
PROJECT NORTH

SHEET TITLE:

GRADING PLAN: SHEET 6

SHEET NUMBER:

L2.06



GRADING LEGEND

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1 / L2.07 GRADING PLAN: SHEET 7
SCALE: 1" = 20'-0"

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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS · JESSIE A. BROWN · REGISTERED LANDSCAPE ARCHITECT · NO. 4439

REVISIONS:

NO.	DATE	TITLE

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KEY PLAN

ORIENTATION AND SCALE:

N

PROJECT NORTH

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

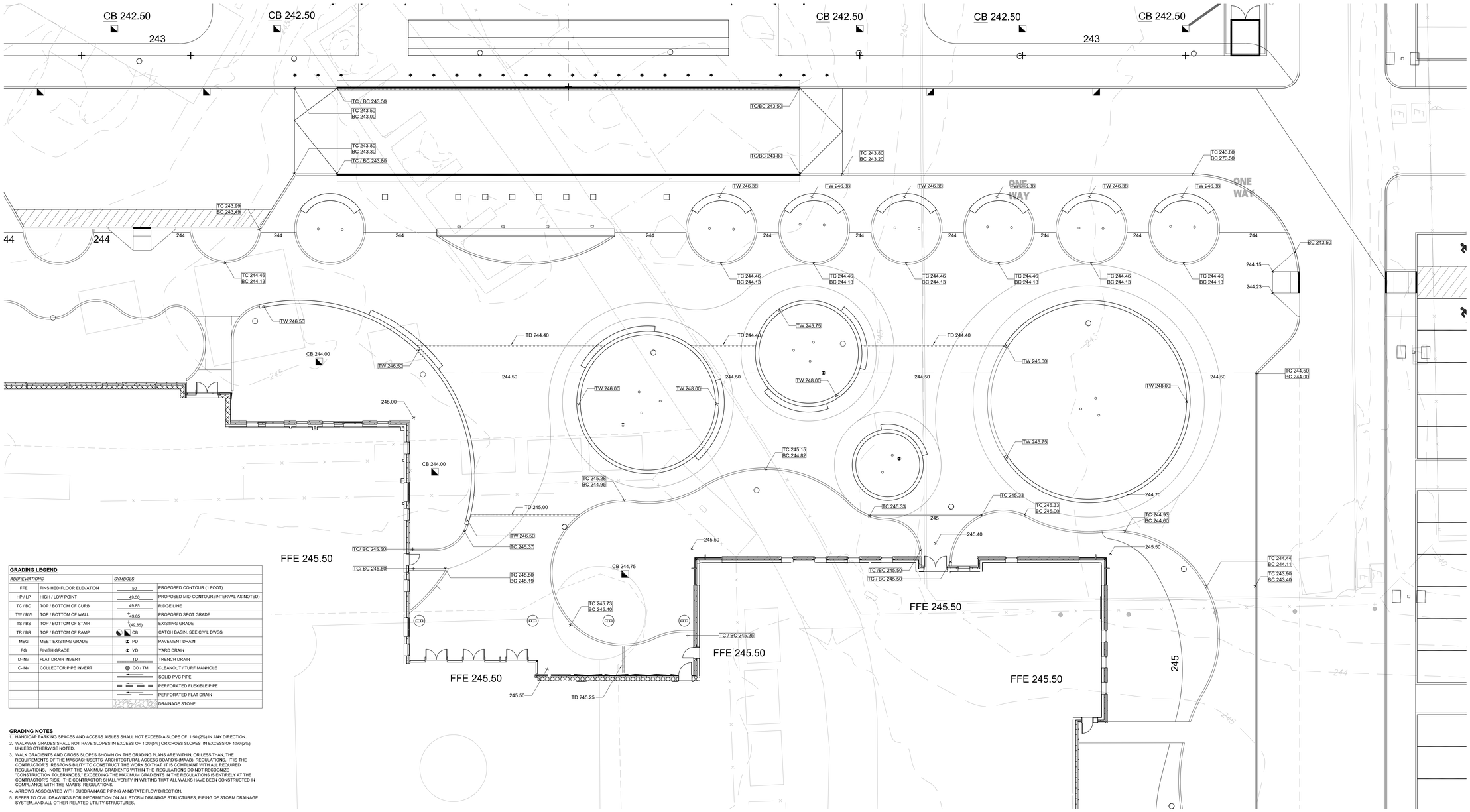
SHEET TITLE:

GRADING PLAN:

SHEET 7

SHEET NUMBER:

L2.07



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1 GRADING PLAN: ENLARGEMENT 1
L2.08 SCALE: 1" = 10'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JACQUELINE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4429

REVISIONS:

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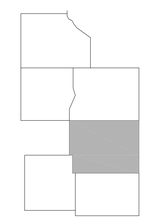
KEY PLAN



ORIENTATION AND SCALE:

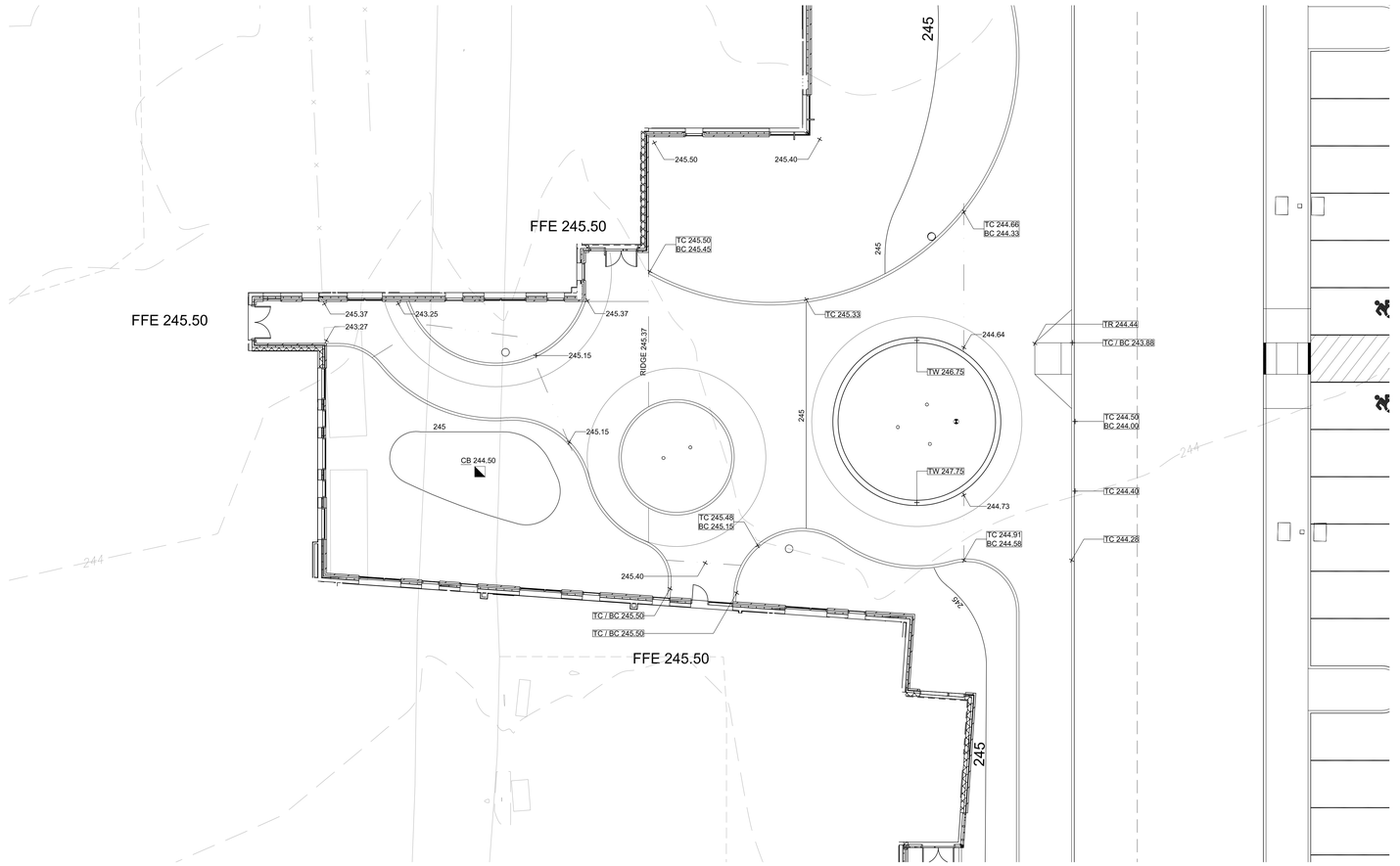
N

0 5' 10' 20'
SCALE: 1"=10'-0" GRAPHIC SCALE

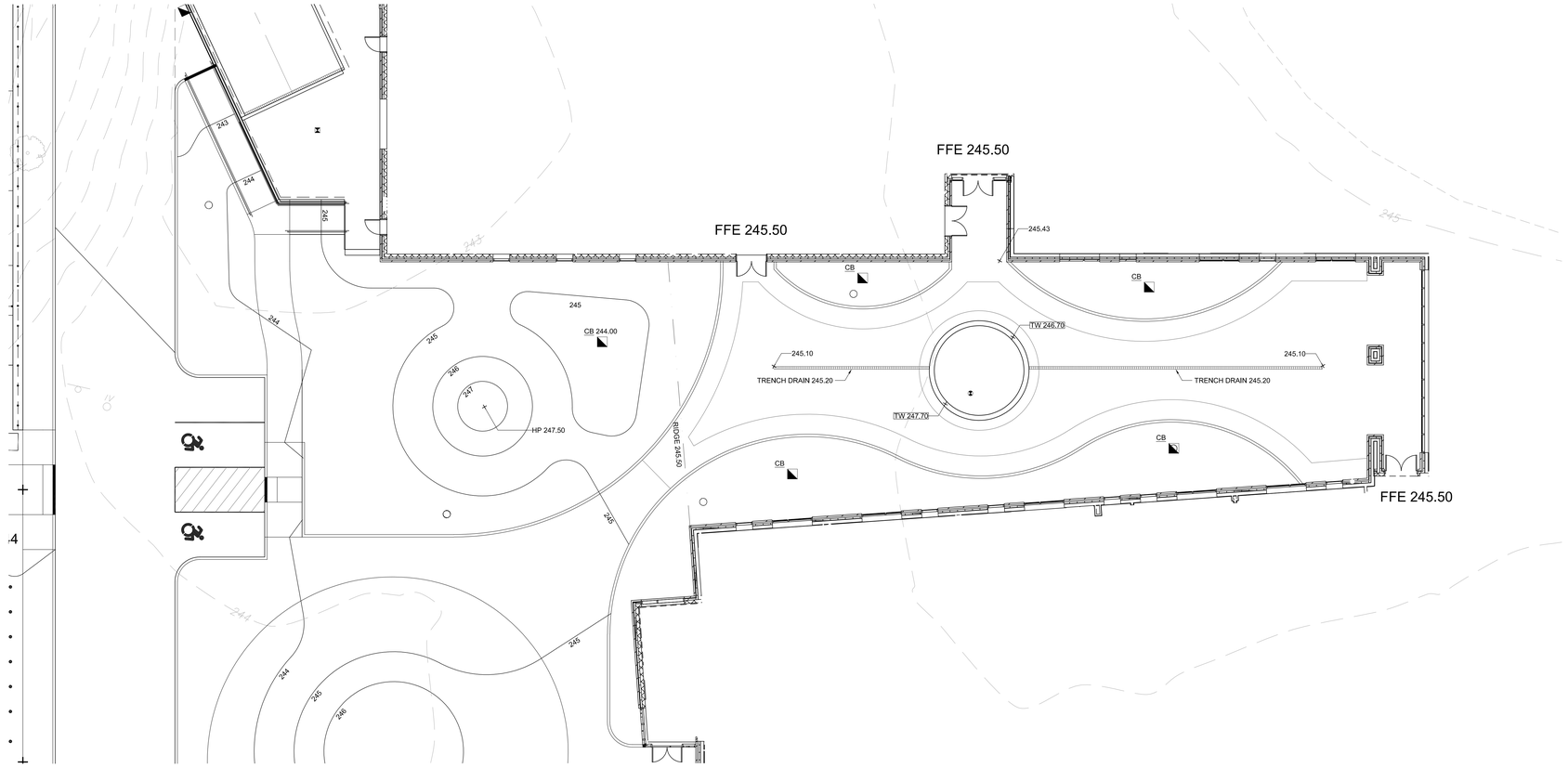
PROJECT NORTH

SHEET TITLE:
GRADING PLAN: ENLARGEMENT SHEET 8

SHEET NUMBER:
L2.08



1 L2.09 GRADING PLAN: ENLARGEMENT 2
SCALE: 1" = 10'-0"



2 L2.03 GRADING PLAN: ENLARGEMENT 3
SCALE: 1" = 10'-0"

GRADING LEGEND

ABBREVIATIONS		*SYMBOLS*	
FFE	FINISHED FLOOR ELEVATION	50	PROPOSED CONTOUR (1 FOOT)
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TW / BW	TOP / BOTTOM OF WALL	+49.85	PROPOSED SPOT GRADE
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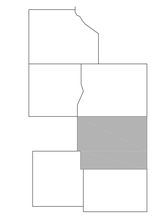
KEY PLAN



ORIENTATION AND SCALE:

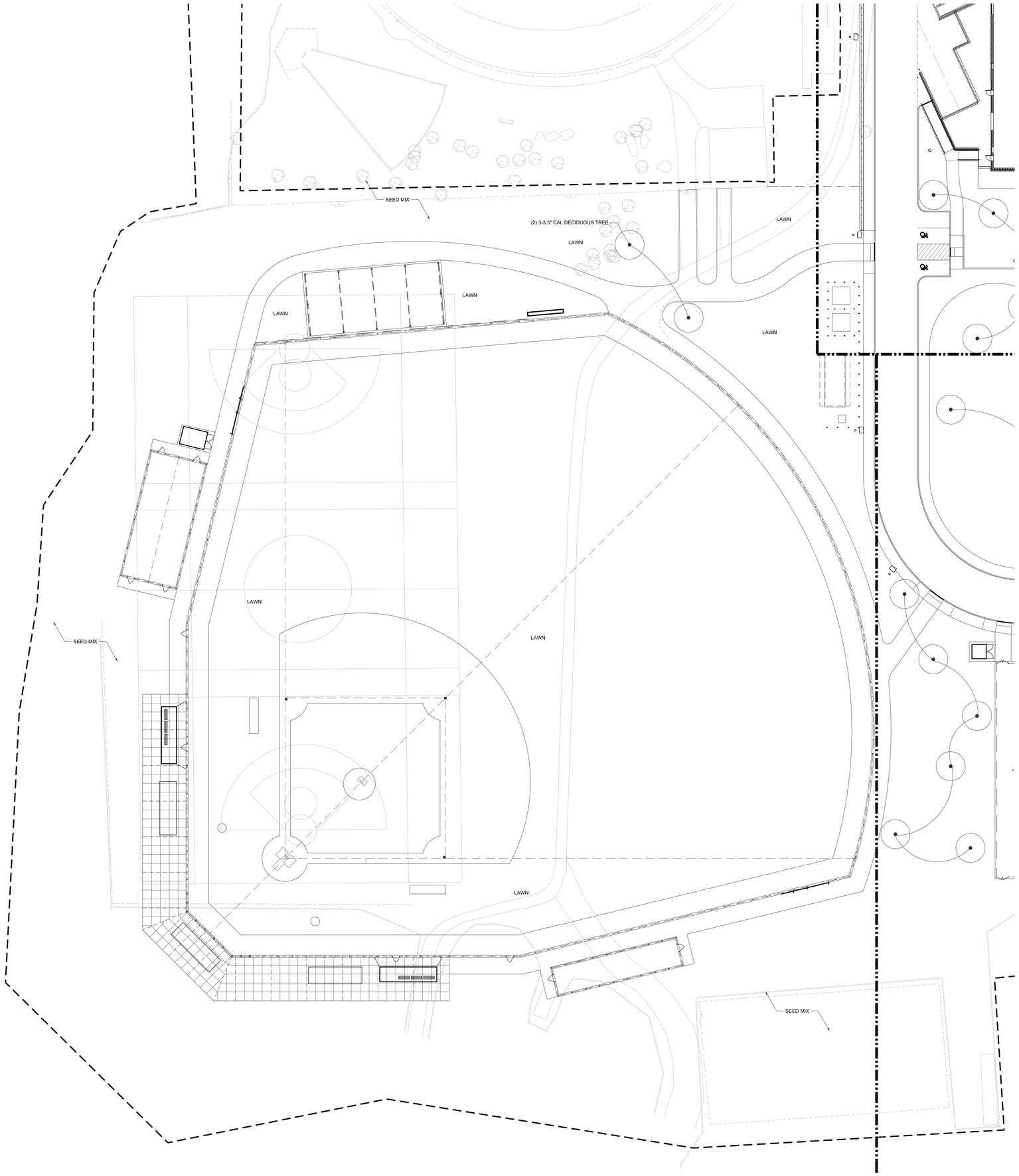
N

0 5' 10' 20'
SCALE: 1"=10'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:
GRADING PLAN: ENLARGEMENT SHEET 9

SHEET NUMBER:
L2.09



PLANTING LEGEND

ABBREVIATIONS		*SYMBOLS*	
EVER	EVERGREEN TREE		PROPOSED SHRUBS, GROUNDCOVER, PERENNIALS AND ANNUALS. REFER TO PLANTING SCHEDULE
DEC	DECIDUOUS TREE		
S	SHRUBS		
CAL	CALIPER		PROPOSED TREES (DECIDUOUS AND EVERGREEN)
B&B	BALLED IN BURLAP		
TRIA. SP.	TRIANGULAR SPACING		
O.C.	ON CENTER SPACING		EXISTING TREES TO REMAIN
#3 CONT	#3 SIZED CONTAINER		
HT	HEIGHT		
SPR	SPREAD		LIMIT OF SEED MIX
SF	SQUARE FEET		BIO RETENTION SEED MIX
			CONSERVATION SEED MIX
			WELTAND SEED MIX

PLANTING NOTES

1. REFER TO LAWNS AND GRASSES SPECIFICATIONS FOR FURTHER INFORMATION ON LAWN SEED MIXES.
2. ANY AREAS OF THE SITE, NOT OTHERWISE DESIGNATED, WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDED LAWN, UNLESS OTHERWISE DIRECTED.
3. PLACE A 2" LAYER OF SHREDDED PINE BARK MULCH OVER ALL BEDS AND OVER ALL TREE PITS.
4. CONTRACTOR SHALL VERIFY PLANT COUNTS BY CONFIRMING PLANTING PLAN AND PLANT LIST FOR ACCURACY DURING THE BIDDING PROCESS. REPORT ANY DISCREPANCIES IMMEDIATELY FOR CLARIFICATION BY THE LANDSCAPE ARCHITECT DURING THE ADDENDUM PHASE OF THE PROJECT.
5. NO TREE OR SHRUB SHALL BE PLANTED BEFORE ACCEPTANCE OF FINISHED GRADING. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS TO ORIGINAL GRADE PRIOR TO DIGGING.

1 L3.01 PLANTING PLAN: SHEET 1
SCALE: 1" = 20'-0"

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617-482-4703
www.brownsardina.com

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

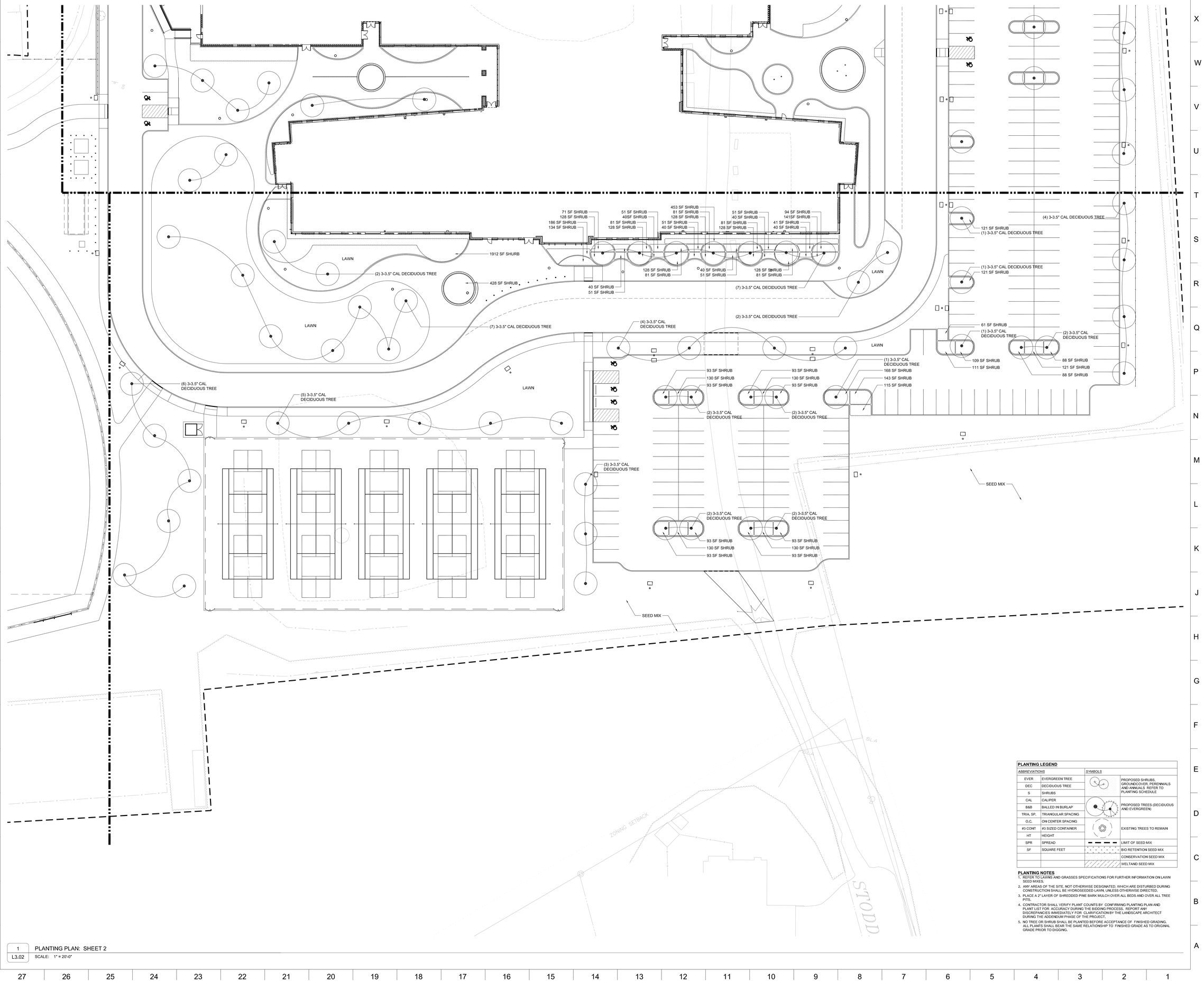
SHEET TITLE:

PLANTING PLAN:

SHEET 1

SHEET NUMBER:

L3.01



PLANTING LEGEND			
ABBREVIATIONS		*SYMBOLS*	
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DEC	DECIDUOUS TREE		
S	SHRUBS		
CAL	CALIPER		PROPOSED TREES (DECIDUOUS AND EVERGREEN)
B&B	BALLED IN BURLAP		
TRIA. SP.	TRIANGULAR SPACING		EXISTING TREES TO REMAIN
O.C.	ON CENTER SPACING		
#3 CONT.	#3 SIZED CONTAINER		LIMIT OF SEED MIX
HT	HEIGHT		BIO RETENTION SEED MIX
SPR	SPREAD		CONSERVATION SEED MIX
SF	SQUARE FEET		WELTAND SEED MIX

PLANTING NOTES

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1 L3.02 PLANTING PLAN: SHEET 2

SCALE: 1" = 20'-0"

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1 Wilson West Whitty Way
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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS — JULIE A. BARNUM — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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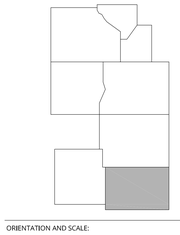

ORIENTATION AND SCALE:

N

PROJECT NORTH

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

SHEET TITLE:

PLANTING PLAN:

SHEET 2

SHEET NUMBER:

L3.02

PLANTING LEGEND			
ABBREVIATIONS		*SYMBOLS*	
EVER	EVERGREEN TREE		PROPOSED SHRUBS, GROUNDCOVER, PERENNIALS AND ANNUALS REFER TO PLANTING SCHEDULE
DEC	DECIDUOUS TREE		
S	SHRUBS		PROPOSED TREES (DECIDUOUS AND EVERGREEN)
CAL	CALIPER		
B&B	BALLED IN BURLAP		EXISTING TREES TO REMAIN
TRIA. SP.	TRIANGULAR SPACING		
O.C.	ON CENTER SPACING		LIMIT OF SEED MIX
#3 CONT	#3 SIZED CONTAINER		BIO RETENTION SEED MIX
HT	HEIGHT		CONSERVATION SEED MIX
SPR	SPREAD		WELTAND SEED MIX
SF	SQUARE FEET		

PLANTING NOTES

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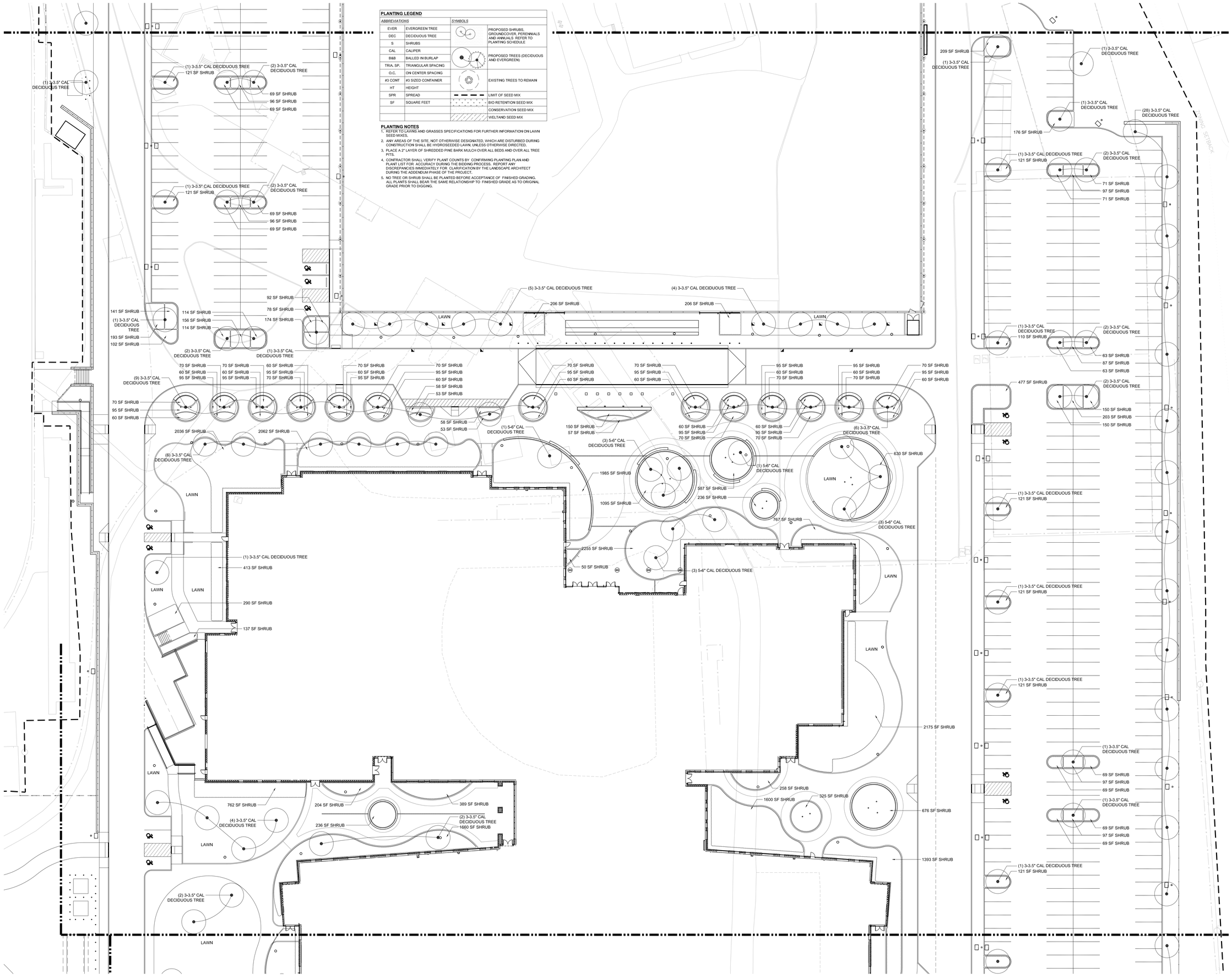

1 PLANTING PLAN: SHEET 3
L.3.03 SCALE: 1" = 20'-0"

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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS JESSIE A. BROWN REGISTERED LANDSCAPE ARCHITECT NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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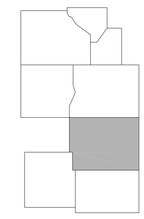
KEY PLAN



ORIENTATION AND SCALE:

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SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

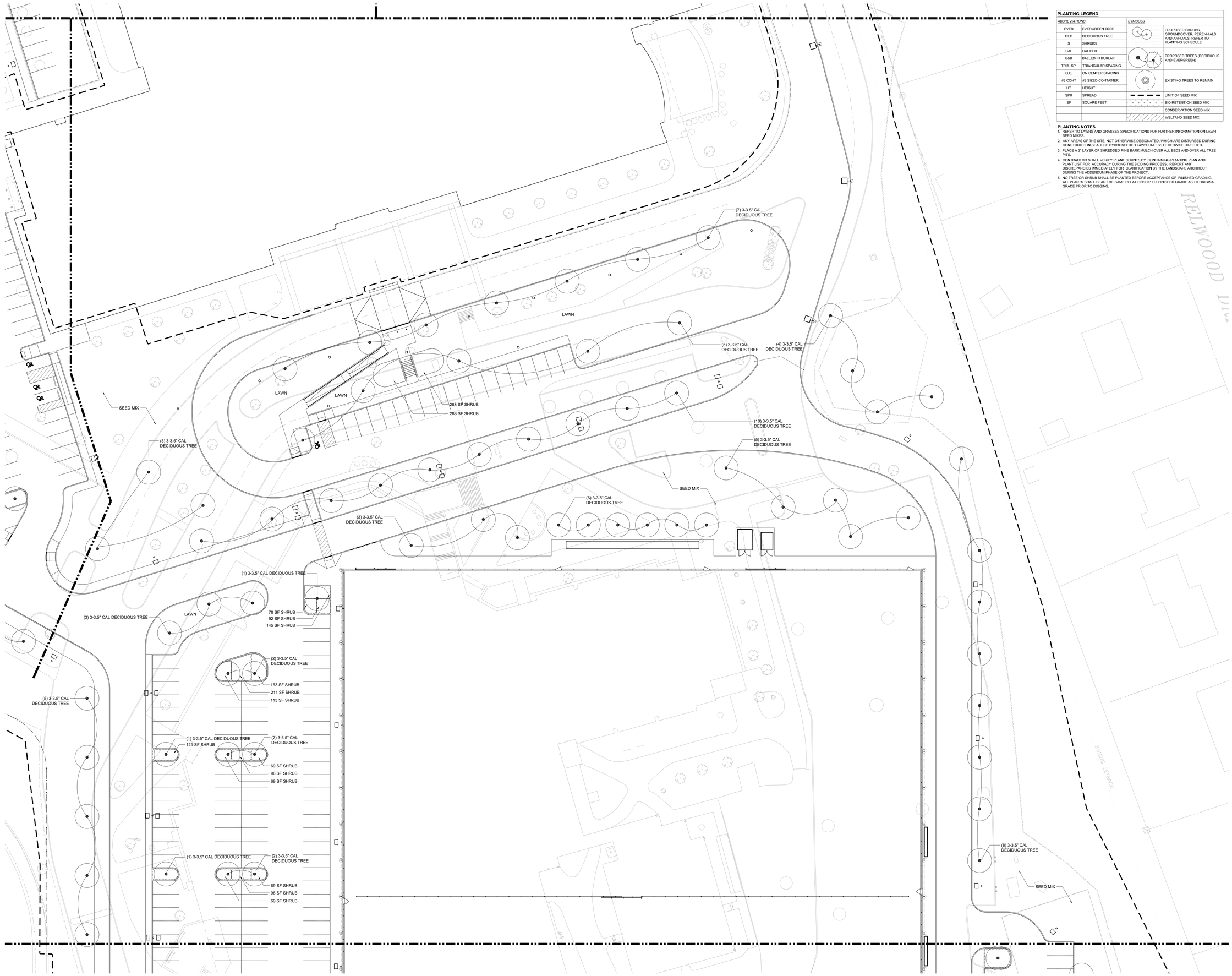
SHEET TITLE:

PLANTING PLAN:

SHEET 3

SHEET NUMBER:

L3.03



PLANTING LEGEND			
ABBREVIATIONS		*SYMBOLS*	
EVER	EVERGREEN TREE		PROPOSED SHRUBS, GROUNDCOVER, PERENNIALS AND ANNUALS REFER TO PLANTING SCHEDULE
DEC	DECIDUOUS TREE		
S	SHRUBS		
CAL	CALIPER		PROPOSED TREES (DECIDUOUS AND EVERGREEN)
B&B	BALLED IN BURLAP		
TRIA. SP.	TRIANGULAR SPACING		EXISTING TREES TO REMAIN
O.C.	ON CENTER SPACING		
#3 CONT	#3 SIZED CONTAINER		LIMIT OF SEED MIX
HT	HEIGHT		BIO RETENTION SEED MIX
SPR	SPREAD		CONSERVATION SEED MIX
SF	SQUARE FEET		WELTAND SEED MIX

PLANTING NOTES

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1 L3.04 PLANTING PLAN: SHEET 4
SCALE: 1" = 20'-0"

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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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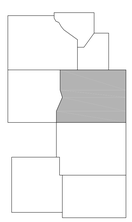
KEY PLAN



ORIENTATION AND SCALE:

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SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:

PLANTING PLAN:

SHEET 4

SHEET NUMBER:

L3.04



1 PLANTING PLAN: SHEET 5
L3.05 SCALE: 1" = 20'-0"

PLANTING LEGEND

ABBREVIATIONS		*SYMBOLS*	
EVER	EVERGREEN TREE		PROPOSED SHRUBS, GROUNDCOVER, PERENNIALS AND ANNUALS REFER TO PLANTING SCHEDULE
DEC	DECIDUOUS TREE		
S	SHRUBS		
CAL	CALIPER		PROPOSED TREES (DECIDUOUS AND EVERGREEN)
B&B	BALLED IN BURLAP		
TRIA. SP.	TRIANGULAR SPACING		
O.C.	ON CENTER SPACING		EXISTING TREES TO REMAIN
#3 CONT	#3 SIZED CONTAINER		
HT	HEIGHT		LIMIT OF SEED MIX
SPR	SPREAD		BIO RETENTION SEED MIX
SF	SQUARE FEET		CONSERVATION SEED MIX
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North Attleborough High School

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North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

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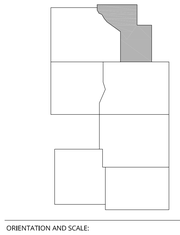
KEY PLAN



ORIENTATION AND SCALE:

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SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

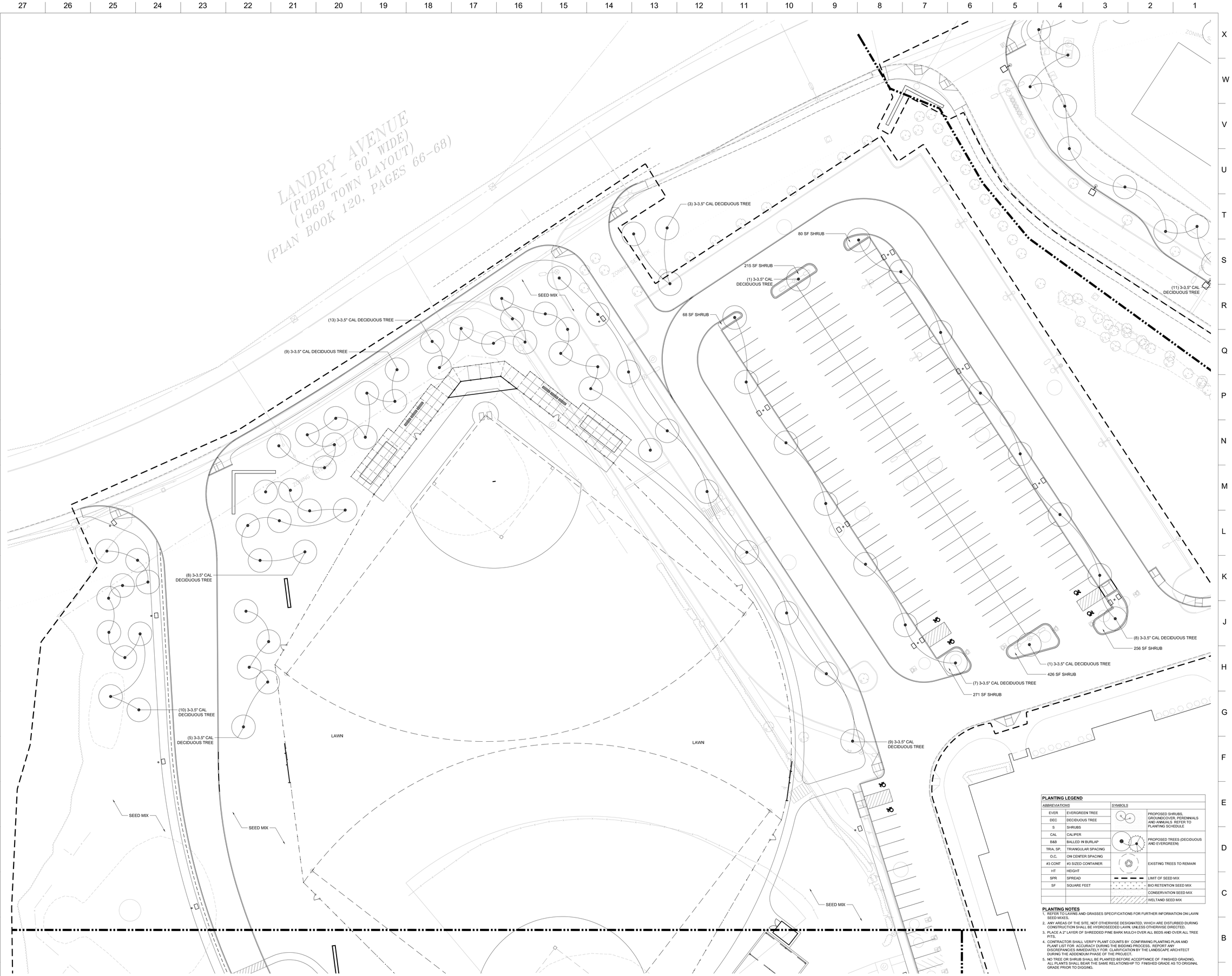
SHEET TITLE:

PLANTING PLAN:

SHEET 5

SHEET NUMBER:

L3.05



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1 L3.06 PLANTING PLAN: SHEET 6

SCALE: 1" = 20'-0"

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PROJECT NUMBER: 24-0856

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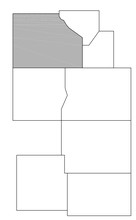

ORIENTATION AND SCALE:

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PROJECT NORTH

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

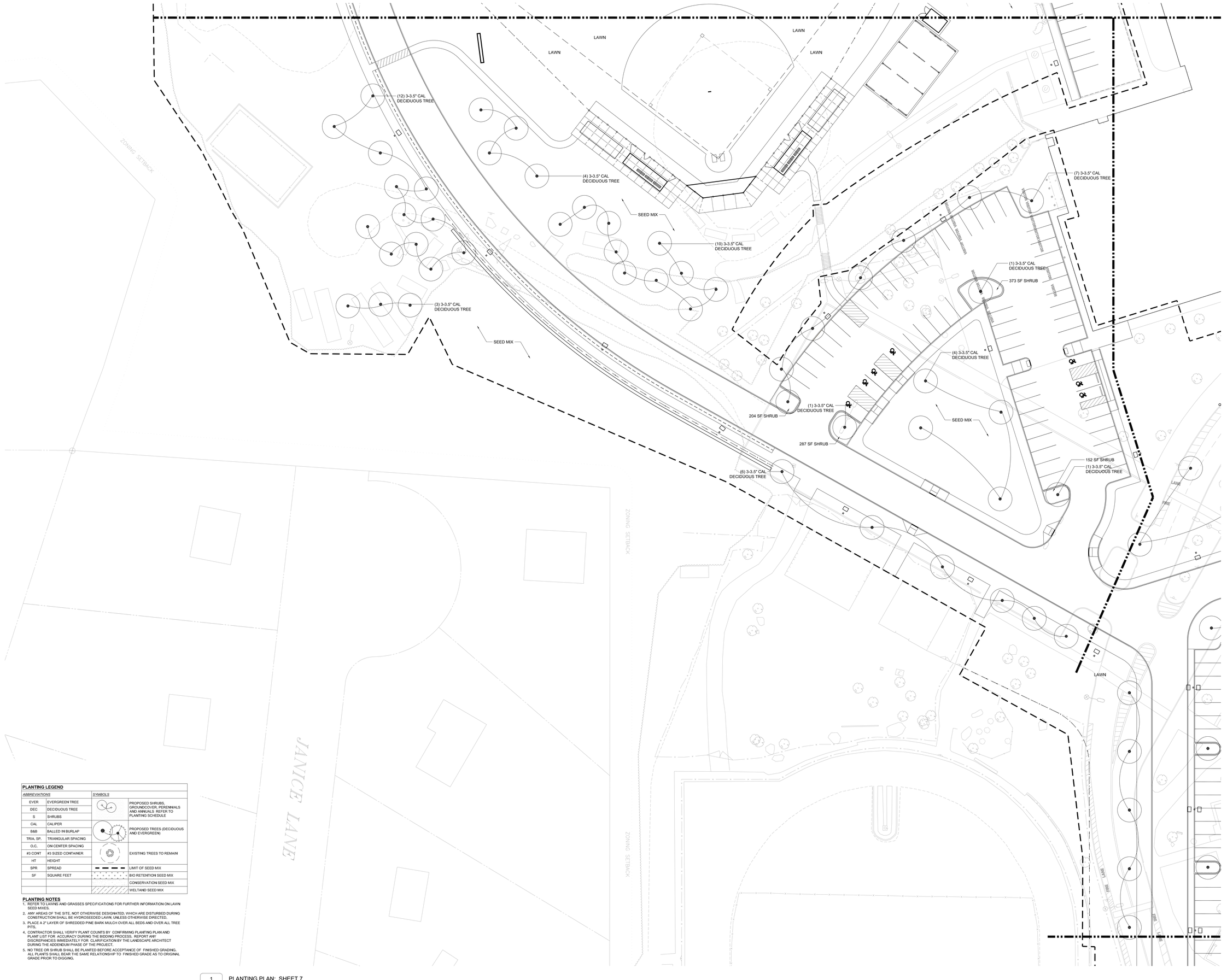
SHEET TITLE:

PLANTING PLAN:

SHEET 6

SHEET NUMBER:

L3.06



PLANTING LEGEND

ABBREVIATIONS		*SYMBOLS*	
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S	SHRUBS		
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B&B	BALLED IN BURLAP		
TRIA. SP.	TRIANGULAR SPACING		
O.C.	ON CENTER SPACING		EXISTING TREES TO REMAIN
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1 / L3.07 PLANTING PLAN: SHEET 7
SCALE: 1" = 20'-0"

DORE + WHITTIER

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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:

MASSACHUSETTS JESSIE A. BROWN REGISTERED LANDSCAPE ARCHITECT NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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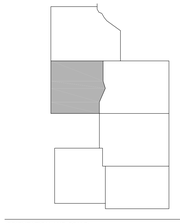
KEY PLAN



ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1"=20'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:

PLANTING PLAN:

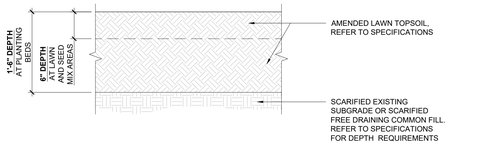
SHEET 7

SHEET NUMBER:

L3.07

PLANT LIST

SYM	BOTANICAL NAME	COMMON NAME	SIZE	CONT	REMARKS
TREES					
ARA	ACER x FREEMANII 'ARMSTRONG'	ARMSTRONG RED MAPLE	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
ARR	ACER RUBRUM RED SUNSET	RED SUNSET RED MAPLE	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
ARK	ACER RUBRUM 'KARPICK	KARPICK RED MAPLE	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
ARO	ACER RUBRUM 'OCTOBER GLORY"	OCTOBER GLORY RED MAPLE	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
AS	ACER SACCHARUM 'GREEN MOUNTAIN'	SUGAR MAPLE	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
AS-A	ACER SACCHARUM 'GREEN MOUNTAIN'	SUGAR MAPLE	6 - 7" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
BJS	BETULA PAPYRIFERA	PAPER BIRCH	10 - 12"	B&B	MULTI-STEM
CJ	CERCIDIPHYLLUM JAPONICUM	KATSURA TREE	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
GBP	GINKGO BILOBA 'PRINCETON SENTRY"	PRINCETON SENTRY GINKGO	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
GK	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
GK-A	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	6 - 7" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
GT	GLEDITSIA TRIACANTHOS VAR. INERMIS 'SKYCOLE'	THORNLESS HONEYLOCUST	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
LS	LIQUIDAMBAR STYRACIFLUA HAPPIDAZE	HAPPIDAZE SWEETGUM	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
LT	LIRIODENDRON TULIPIFERA EMERALD CITY	EMERALD CITY TULIP TREE	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
LT-A	LIRIODENDRON TULIPIFERA EMERALD CITY	EMERALD CITY TULIP TREE	6 - 7" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
NS	NYSSA SYLVATICA	TUPELO	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
QA-A	QUERCUS ALBA	WHITE OAK	6 - 7" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
QP	QUERCUS PAULSTRIS 'GREENPILLAR'	GREEN PILLAR OAK	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
QR	QUERCUS RUBRA	RED OAK	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
QR-A	QUERCUS RUBRA	RED OAK	6 - 7" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
UA	ULMUS AMERICANA 'NEW HARMONY"	NEW HARMONY ELM	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
ZM	ZELKOVA SERRATA 'MUSASHINO'	MUSASHINO COLUMNAR ZELKOVA	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
FLOWERING TREES					
CC	CERCIS CANADENSIS	EASTERN REDBUD	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
CF	CORNUS FLORIDA	WHITE FLOWERING DOGWOOD	4 - 4.5" CAL.	B&B	HEAVY
HJ	HAMAMELIS X INTERMEDIA 'JELENA'	JELENA WITCHHAZEL - COPPER	7' HT.	B&B	HEAVY
MS	MAGNOLIA STELLATA 'ROYAL STAR'	ROYAL STAR MAGNOLIA	8'-10' HT.	B&B	NO BRANCHES BELOW 6' MIN.
PSC	PRUNUS SARGENTII 'COLUMNARIS'	COLMUNAR SARGENT CHERRY	3 - 3.5" CAL.	B&B	NO BRANCHES BELOW 6' MIN.
PY	PRUNUS X YEDOENSIS 'AKEBONO'	AKEBONE YOSHINO CHERRY	3 - 3.5" CAL.	B&B	HEAVY, PINK
EVERGREEN TREES					
JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	8' HT.	B&B	BRANCHES TO THE GROUND, NOT SHEARED
PS	PINUS STROBUS	EASTERN WHITE PINE	8'-10' HT.	B&B	BRANCHES TO THE GROUND, NOT SHEARED
TO	THUJA OCCIDENTALIS 'NIGRA'	ARBORVITAE	8' HT.	B&B	BRANCHES TO THE GROUND, NOT SHEARED
DECIDUOUS SHRUBS					
CA	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	#5, 30" HT.	CONT.	36" O.C. TRIA. SP.
CAF	CORNUS ARCTIC FIRE	RED TWIG DOGWOOD	#5, 30" HT.	CONT.	48" O.C. TRIA. SP.
FG	FOTHERGILLA GARDENII	DWARF FOTHERGILLA	2.5 - 3' HT.	CONT.	36" O.C. SPACING
HY	HYDRANGEA ARBORESCENS	SMOOTH HYDRANGEA	30" HT.	CONT.	42" O.C. TRIA. SP.
RA	RHUS AROMATICA 'GROW-LOW'	GROW LOW FRAGRANT SUMAC	2.5 - 3' HT.	CONT.	42" O.C. TRIA. SP.
RK	ROSA CAROLINA	CAROLINA ROSE	#3, 24" HT.	CONT.	36" O.C. TRIA. SP.
SJ	SPIREA ALBA	MEADOWSWEET	#5, 30" SPR.	CONT.	42" O.C. TRIA. SP.
EVERGREEN SHRUBS					
IG	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	2 - 2.5' HT.	CONT.	42" O.C. TRIA. SP.
JC	JUNIPERUS CHINENSIS SARGENTII	SARGENTII JUNIPER	#3, 24" SPR.	CONT.	42" O.C., TRIA. SP.
JH	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR CREEPING JUNIPER	#3, 24" SPR.	CONT.	42" O.C. TRIA. SP.
JUH	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	#3, 24" SPR.	CONT.	42" O.C. TRIA. SP.
KL	KALMIA LATIFOLIA 'ELF'	ELF MOUNTAIN LAUREL	#5, 24" HT.	CONT.	30" O.C. TRIA. SP.
RM	RHODODENDRON MAXIMUM	MAXIMUM WHITE RHODODENDRON	24-30" HT.	CONT.	48" O.C TRIA.SP.
TM	TAXUS MEDIA 'GREENWAVE'	GREEN WAVE YEW	BB, 30" SPR.	CONT.	48" O.C TRIA.SP.
GROUND COVER					
AU	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY	#1	CONT.	18" O.C. TRIA. SP.
PST	PACHYSANDRA TERMINALIS	JAPANESE PACHYSANDRA	2.25" POTS/FLATS	CONT.	8" O.C. TRIA. SP.
VM	VINCA MINOR	PERIWINKLE	2.25" POTS/FLATS	CONT.	8" O.C. TRIA. SP.
GRASSES / PERENNIALS					
AI	ASCLEPIAS INCARNATA	SWAMP MILKWEED	#1	CONT.	36" O.C., TRIA. SP.
AM	ACHILLEA MILLEFOLIUM	COMMON YARROW	#1	CONT.	24" O.C., TRIA. SP.
AQ	AQUILEGIA CANADENSIS	EASTERN RED COLUMBINE	#1	CONT.	24" O.C., TRIA. SP.
CL	COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS	#1	CONT.	18" O.C., TRIA. SP.
EH	ELYMUS HYSTRIX	BOTTLEBRUSH GRASS	#2, 12" HT.	CONT.	18" O.C. TRIA SP.
EP	ECHINACEA PURPUREA	PURPLE CONEFLOWER	#1	CONT.	15" O.C. TRIA SP.
HA	HELIANTHUS ANGUSTIFOLIUS	SWAMP SUNFLOWER	#1	CONT.	18" O.C., TRIA. SP.
HAU	HELENIUM AUTUMNALE	COMMON NEEZEWEED	#1	CONT.	36" O.C., TRIA. SP.
LS	LIATRIS SPICATA	BLAZING STAR	#1	CONT.	30" O.C., TRIA. SP.
NF	NEPETA X FAASSENII 'BLUE WHISPER'	BLUE CATMINT	#1	CONT.	18" O.C. TRIA SP.
PH	MUHLENBERGIA CAPILLARIES	PINK MUHLYGRASS	#2, 12" HT.	CONT.	18" O.C. TRIA SP.
RF	RUDBECKIA FULGIDA 'GOLDSTREAM'	BLACK EYED SUSAN	#1	CONT.	15" O.C. TRIA SP.
SS	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUE STEM	#1	CONT.	18" O.C. TRIA SP.



1 L3.08 SOIL PREPARATION
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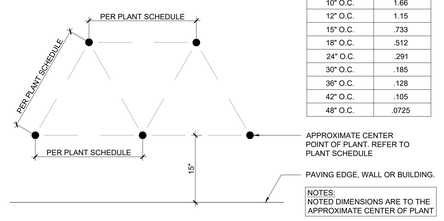

PLANT SPACING	PLANTS / S.F.
8" O.C.	2.6
10" O.C.	1.66
12" O.C.	1.15
15" O.C.	.733
18" O.C.	.512
24" O.C.	.291
30" O.C.	.185
36" O.C.	.128
42" O.C.	.105
48" O.C.	.0725

2 L3.08 TRIANGULAR SPACING DIAGRAM
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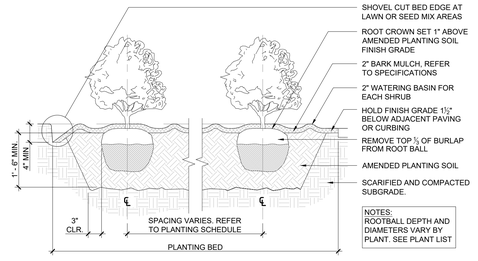
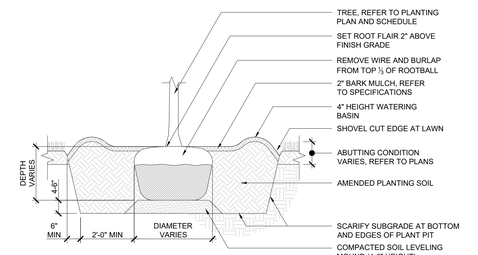
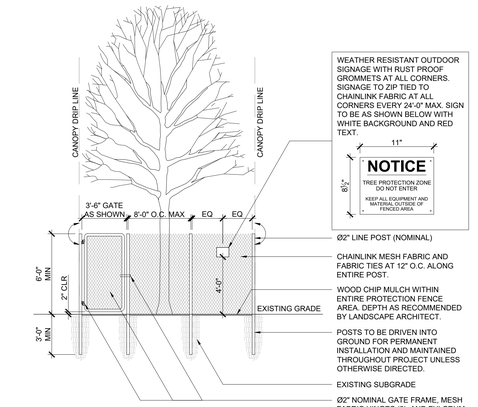


3 L3.08 SHRUB / GROUNDCOVER / PERRENIAL PLANTING
SCALE: NTS



4 L3.08 TREE PLANTING
SCALE: 1/2" = 1'-0"



5 L3.08 TREE PROTECTION FENCING
SCALE: 1/2" = 1'-0"

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PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:



REVISIONS:

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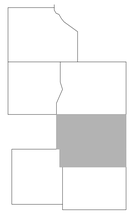
KEY PLAN



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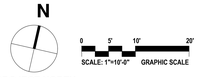


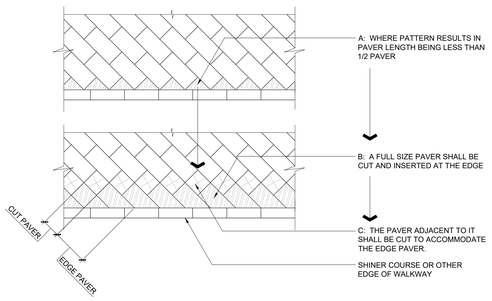
PROJECT NORTH

SHEET TITLE:

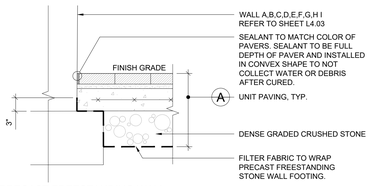
PLANTING DETAILS

SHEET NUMBER:

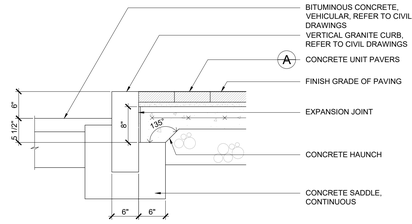
L3.08



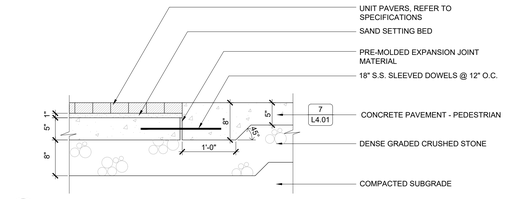
F CRITERIA AT EDGES



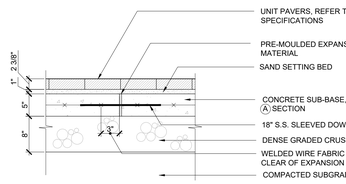
E @ PRECAST FREESTANDING WALL



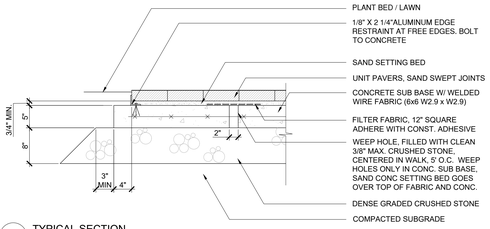
D AT CURB EDGE - STREET



C CONCRETE PAVING

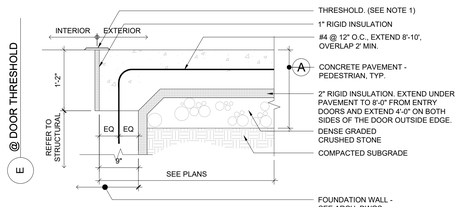


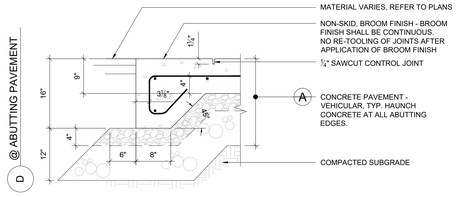
B EXPANSION JOINT

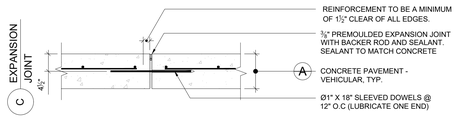


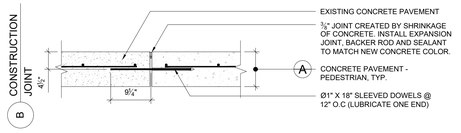
A TYPICAL SECTION

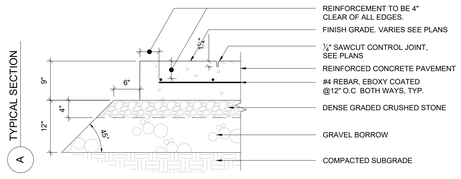
11 / L4.01 CONCRETE UNIT PAVERS
SCALE: 1" = 1'-0"





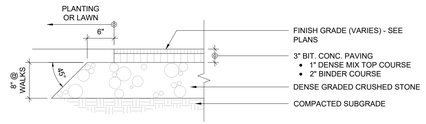






NOTES:
1. EXPANSION JOINTS 20'-0" O.C. UNLESS SHOWN OTHERWISE.
2. SAWCUT EDGES AND CONTROL JOINTS AS SHOWN ON THE PLANS.
3. WHERE EXPANSION JOINT ABUTS WALL OR OTHER VERTICAL SURFACE, DELETE EXPANSION SLEEVE AND DOWEL.
4. ALL TOOL MARKS ARE TO BE SMOOTHED OUT BY A LIGHT BROOM FINISH AFTER APPLICATION UNLESS SPECIAL TREATMENT IS CALLED FOR - SEE PLANS.
5. FOR FURTHER INFORMATION ON ALL DOOR SILL CONDITIONS AND BUILDING FOUNDATIONS, REFER TO THE ARCHITECTURAL AND STRUCTURAL DWGS.

8 / L4.01 CONCRETE PAVEMENT - VEHICULAR
SCALE: 1" = 1'-0"



9 / L4.01 BITUMINOUS CONCRETE PAVEMENT - PEDESTRIAN
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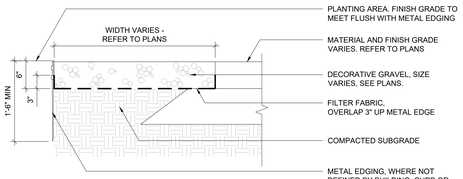

10 / L4.01 DECORATIVE GRAVEL
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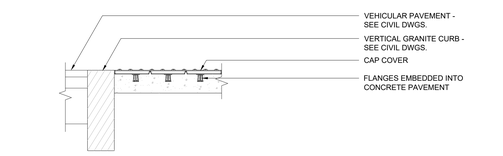
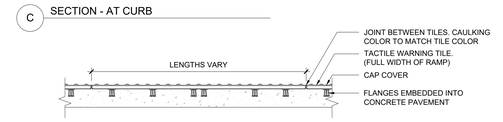
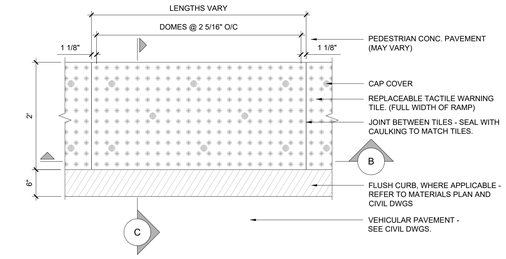


C SECTION - AT CURB

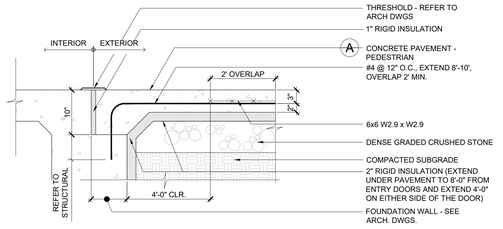


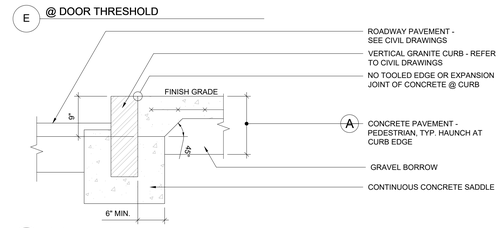
B SECTION - TYPICAL

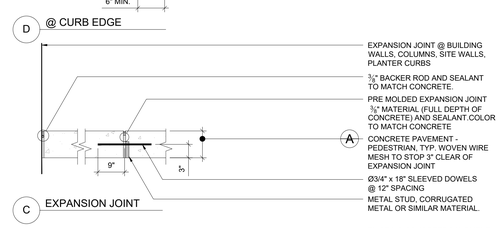


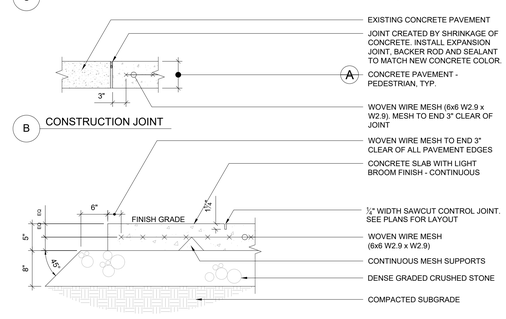
A PLAN - TYPICAL

6 / L4.01 DETECTABLE / TACTILE WARNING TILES - REPLACEABLE
SCALE: 1" = 1'-0"





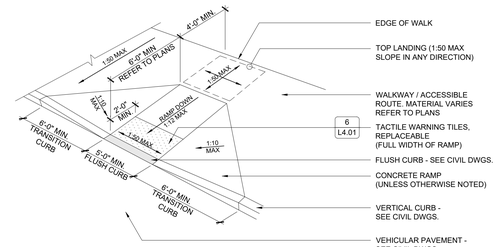




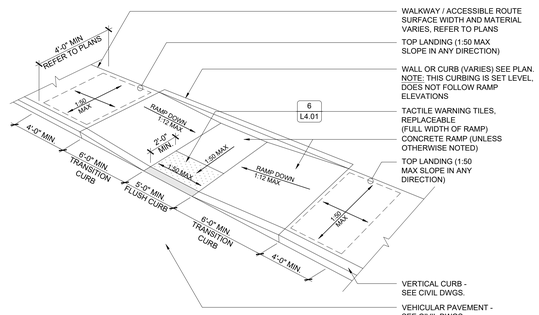
A SECTION

NOTES
1. FOR FURTHER INFORMATION ON ALL DOOR SILL CONDITIONS AND BUILDING FOUNDATIONS, REFER TO THE ARCHITECTURAL AND STRUCTURAL DWGS.
2. SAWCUT CONTROL JOINTS
3. BROOM FINISH TO BE PERPENDICULAR TO PRIMARY DIRECTION OF TRAVEL

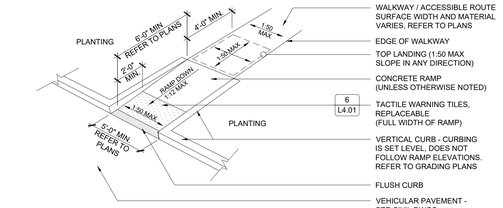
7 / L4.01 CONCRETE PAVEMENT - PEDESTRIAN
SCALE: 1" = 1'-0"



1 / L4.01 CURB CUT RAMP - TYPE 1
SCALE: NTS



2 / L4.01 CURB CUT RAMP - TYPE 2
SCALE: NTS



3 / L4.01 CURB CUT RAMP - TYPE 3
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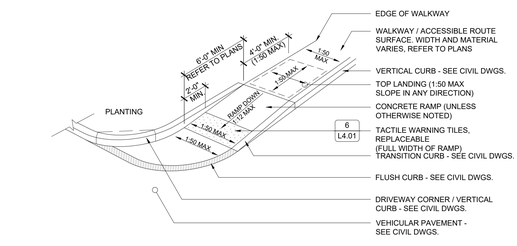
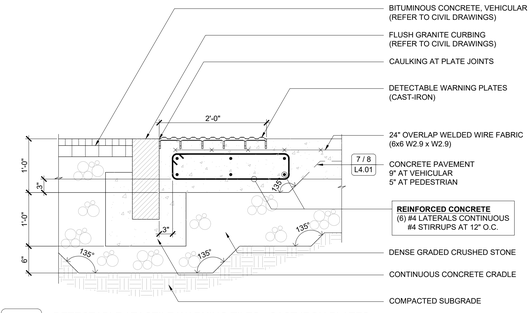


4 / L4.01 CURB CUT RAMP - TYPE 4
SCALE: NTS



5 / L4.01 DETECTABLE / TACTILE WARNING TILES - CAST IRON PLATES
SCALE: 1" = 1'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS JESSIE A. BROWN REGISTERED LANDSCAPE ARCHITECT NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

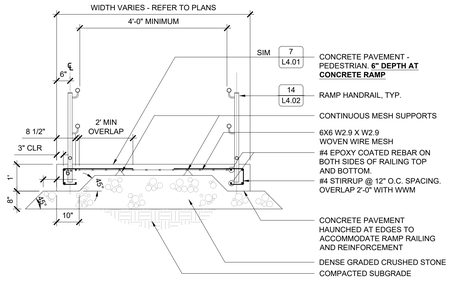
GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:
DETAILS
SHEET 1

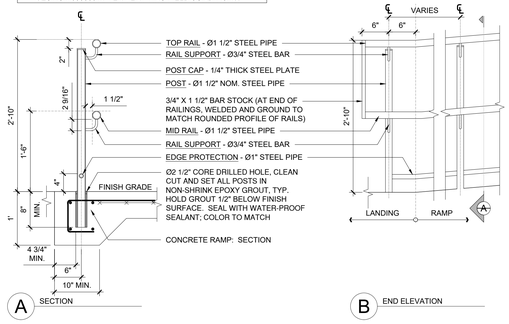
SHEET NUMBER:
L4.01

CONCRETE RAMP HANDRAIL NOTES:
1. ALL HANDRAILS AND COMPONENTS TO BE STAINLESS STEEL, UNLESS OTHERWISE NOTED AND FABRICATED BY SECTION 05 00 01 - MISC. AND ORNAMENTAL IRON FABRICATIONS.
2. ALL PIPE SIZES NOTED ARE NOMINAL SIZES.
3. ALL WELDS TO BE GROUNDS SMOOTH PRIOR TO METAL FINISHING.
4. FINAL BRUSH FINISH TO BE APPLIED IN THE SHOP, NOT IN THE FIELD.
5. PROTECT PRODUCTS DURING SHIPPING AND ON SITE UNTIL INSTALLATION.
6. METAL HANDRAIL TO BE PLACED 5" MINIMUM FROM EDGE OF CONCRETE WALK OR VERTICAL ELEMENT.
7. SUBMIT FULLY DIMENSIONED, STAMPED SHOP DRAWINGS AND MASSACHUSETTS PROFESSIONAL ENGINEERS CALCULATIONS PER SECTION 05 00 01 AFTER VERIFYING FIELD CONDITIONS.
8. DOUBLE SPLICE LOCKS SHALL BE USED WHERE FIELD SPLICES ARE USED.
9. REFER TO DETAIL 1 / 1.5.04 FOR HANDICAPPED RAMP HANDRAIL ELEVATIONS KEY PLAN.



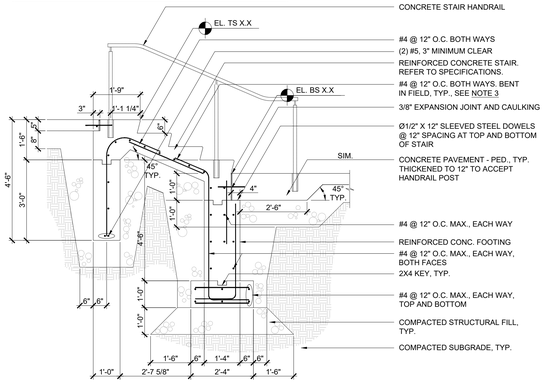
13 L4.02 CONCRETE RAMP - SECTION
SCALE: 1/2" = 1'-0"

NOTES:
1. SEE DETAIL 6/L4.08 FOR FULL ELEVATION.
2. ALL COMPONENTS TO BE STAINLESS STEEL AND FABRICATED BY MISC. METALS SECTION 05 50 00.
3. SUBMIT SHOP DRAWINGS AFTER VERIFYING FIELD CONDITIONS.
4. ALL PIPE SIZES NOTED ARE NOMINAL SIZES.
5. FINISH PRODUCT SHALL BE SHOP FINISHED.
6. PROTECT PRODUCTS DURING SHIPPING AND ON SITE UNTIL INSTALLATION.
7. SUBMIT FULLY DIMENSIONED, STAMPED SHOP DRAWINGS AND PROFESSIONAL ENGINEERS CALCULATIONS AS PER SECTION 055000 AFTER VERIFYING FIELD CONDITIONS.



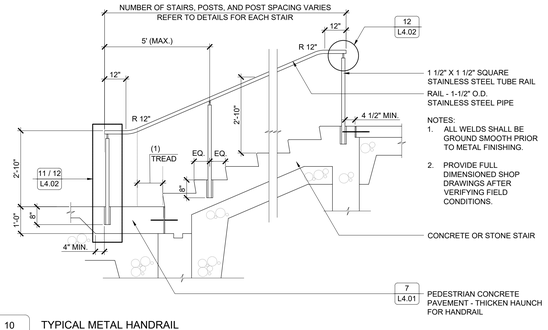
14 L4.02 CONCRETE RAMP HANDRAIL
SCALE: 1" = 1'-0"

NOTES:
1. ALL STAIR SURFACES SHALL HAVE A LIGHT SAND BLAST FINISH.
2. PROVIDE STAIR NOSINGS AT ALL TREADS ON ALL SITE STAIRS. NOSINGS SHALL BE STYLE 801 BY AMERICAN SAFETY TREAD CO. (OF HELENA AL, TEL. 1-800-245-4881) OR APPROVED EQUAL.
3. OVERLAP, REFER TO MASSACHUSETTS BUILDING CODE FOR OVERLAP REQUIREMENTS

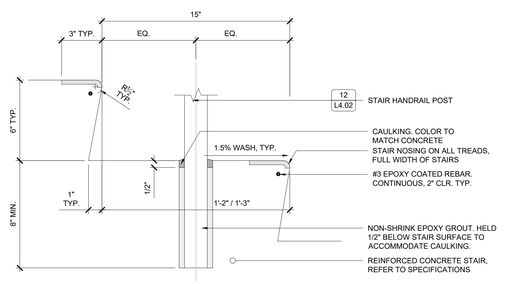


9 L4.02 CONCRETE STAIR - SECTION
SCALE: 1/2" = 1'-0"

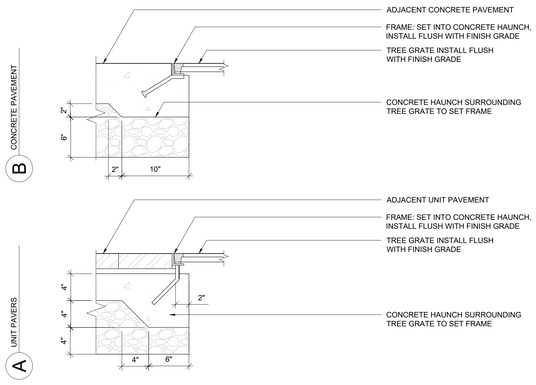
CONCRETE STAIR HANDRAIL NOTES:
1. ALL HANDRAILS AND COMPONENTS TO BE STAINLESS STEEL, UNLESS OTHERWISE NOTED AND FABRICATED BY MISC. METALS SECTION 05 00 01.
2. ALL PIPE SIZES NOTED ARE NOMINAL SIZES.
3. ALL WELDS TO BE GROUND SMOOTH PRIOR TO METAL FINISHING.
4. FINAL BRUSH FINISH TO BE APPLIED IN THE SHOP, NOT IN THE FIELD.
5. PROTECT HANDRAILS DURING SHIPPING AND STORAGE ON SITE UNTIL INSTALLATION.
6. METAL HANDRAIL TO BE PLACED 5" MINIMUM FROM EDGE OF CONCRETE WALK OR VERTICAL ELEMENT.
7. SUBMIT FULLY DIMENSIONED, STAMPED SHOP DRAWINGS AND MASSACHUSETTS PROFESSIONAL ENGINEERS CALCULATIONS AS PER SECTION 05 50 00 AFTER VERIFYING FIELD CONDITIONS.



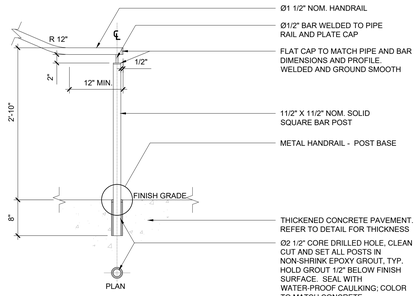
10 L4.02 TYPICAL METAL HANDRAIL
SCALE: 1/2" = 1'-0"



11 L4.02 METAL HANDRAILS: STAIR TREAD ENLARGEMENT
SCALE: 3" = 1'-0"

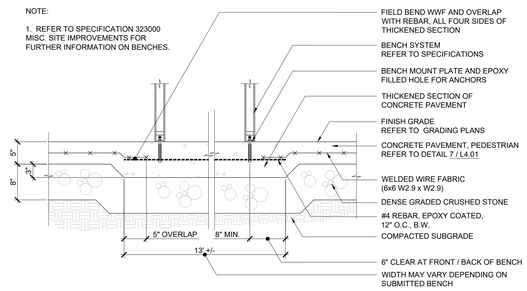


15 L4.02 TREE GRATE FRAME INSTALLATION
SCALE: 1-1/2" = 1'-0"

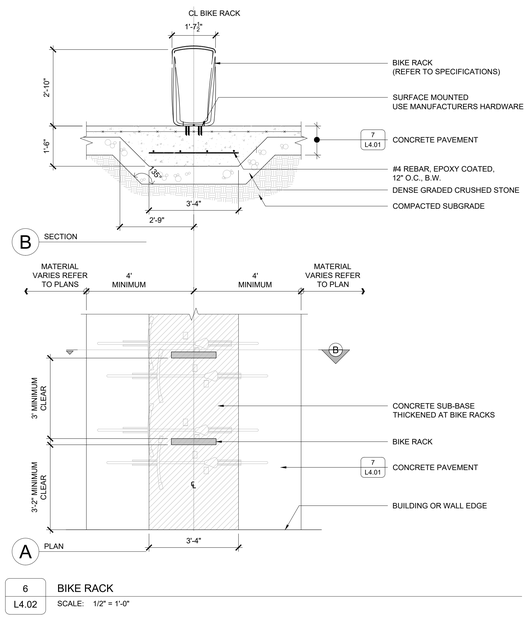


12 L4.02 METAL HANDRAILS: POST SECTION / ELEVATION
SCALE: 1" = 1'-0"

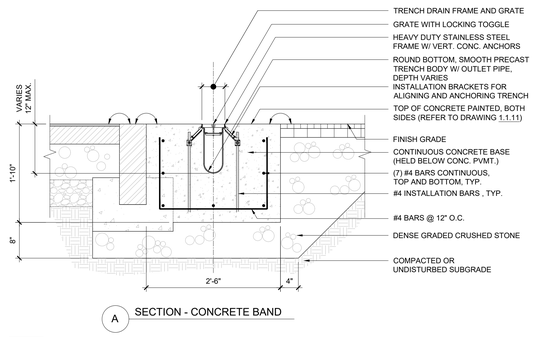
NOTE:
1. REFER TO SPECIFICATION 323000 MISC. SITE IMPROVEMENTS FOR FURTHER INFORMATION ON BENCHES.



5 1.5.04 BENCH: MOUNTING ON GRADE / THICKENED SLAB
SCALE: 1" = 1'-0"

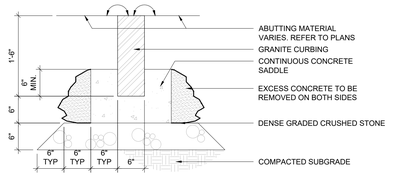


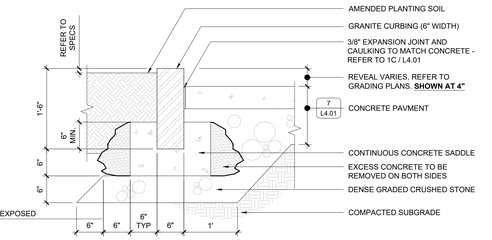
6 L4.02 BIKE RACK
SCALE: 1/2" = 1'-0"



7 1.4.02 TRENCH DRAIN
SCALE: 1" = 1'-0"

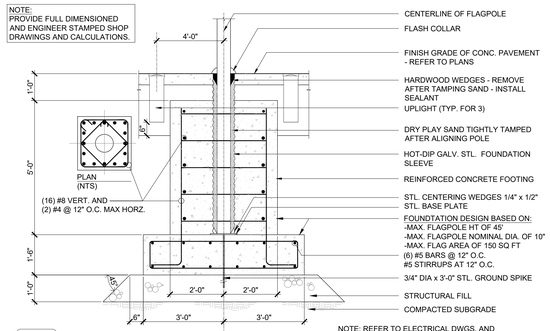
NOTES:
1. REAR FACE, ABUTTING EDGES, AND TOP OF CURBING TO BE SAWN.
2. FRONT FACE TO BE SPLIT





8 1.4.02 GRANITE PLANTER CURB
SCALE: 1" = 1'-0"

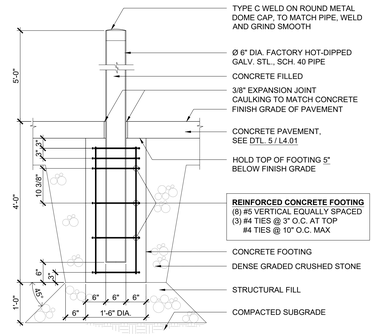
NOTE:
PROVIDE FULL DIMENSIONED AND ENGINEER STAMPED SHOP DRAWINGS AND CALCULATIONS.



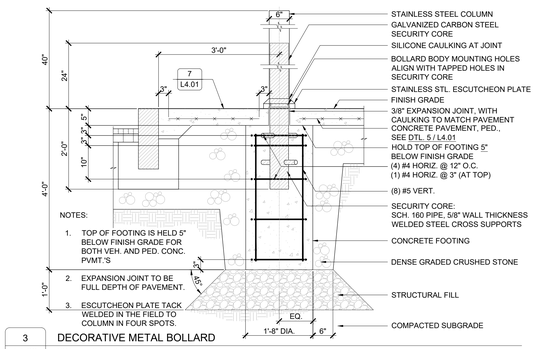
1 L4.02 FLAGPOLE BASE
SCALE: 1/2" = 1'-0"

NOTE: REFER TO ELECTRICAL DWGS. AND SPECIFICATIONS FOR LIGHT FIXTURE INFORMATION

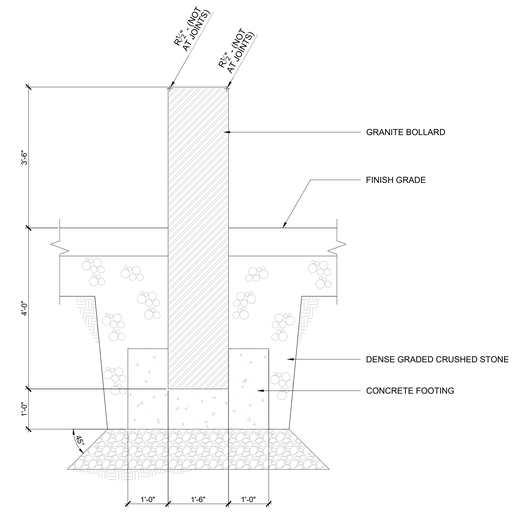
NOTE:
1. INFORMATION SHOWN IS MINIMUM REQUIRED. PROVIDE FULL DIMENSIONED AND ENGINEER STAMPED SHOP DRAWINGS AND CALCULATIONS.
2. ALL PIPES ARE TO BE SCHEDULE 40 AND DIMENSIONS NOTED ARE NOMINAL. REFER TO SECTION 055001 - MISC. AND ORNAMENTAL IRON METAL FOR MATERIAL SPECIFICATIONS.
3. PIPE AND CAP TO BE PRIMED (1 COAT) AND FIELD PAINTED (2 COATS). COLOR SHALL BE BLACK.
4. ALL WELDS SHALL BE GROUND SMOOTH PRIOR TO METAL FINISHING.
5. BOLLARDS SHALL BE HOT-DIPPED GALVANIZED.



2 L4.02 METAL BOLLARD
SCALE: 3/4" = 1'-0"



3 L4.02 DECORATIVE METAL BOLLARD
SCALE: 3/4" = 1'-0"



4 L4.02 GRANITE BOLLARD
SCALE: 3/4" = 1'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

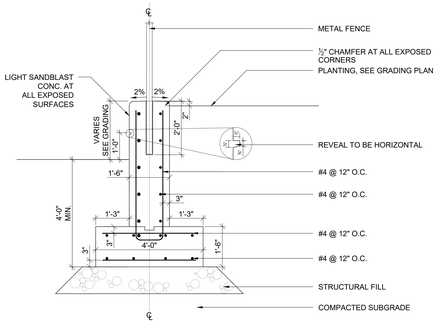
ORIENTATION AND SCALE:

GRAPHIC SCALE

PROJECT NORTH

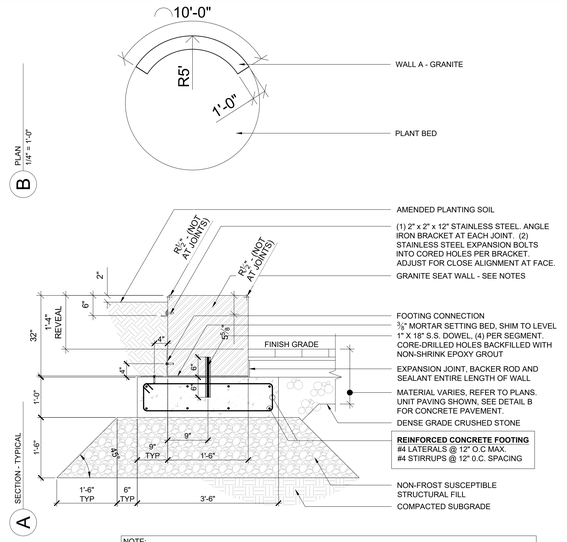
SHEET TITLE:
DETAILS
SHEET 2

SHEET NUMBER:
L4.02



5 | L4.03 — CONCRETE WALL - TYPE 1

SCALE: 1/2" = 1'-0"

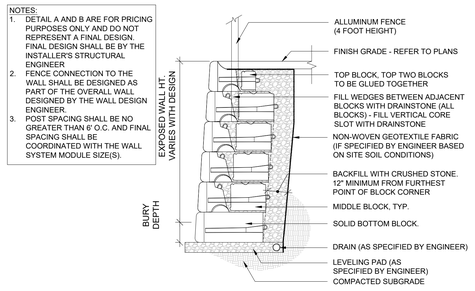


NOTE:
1. ALL SEGMENTS OF SEAT WALL TO BE THE SAME GRANITE TYPE AND SURFACE TREATMENT (HONED FINISH ON ALL SIDES EXCEPT 1⅜" SQ. REVEAL TO BE THERMAL).
2. SEAT WALL SEGMENTS TO BE FABRICATED TO HAVE A CONSISTENT 2% WASH FROM FRONT TO BACK.
3. PROVIDE FULL DIMENSIONED AND ENGINEER STAMPED SHOP DRAWINGS AND CALCULATIONS.

1 | L4.03 — WALL A

SCALE: 3/4" = 1'-0"

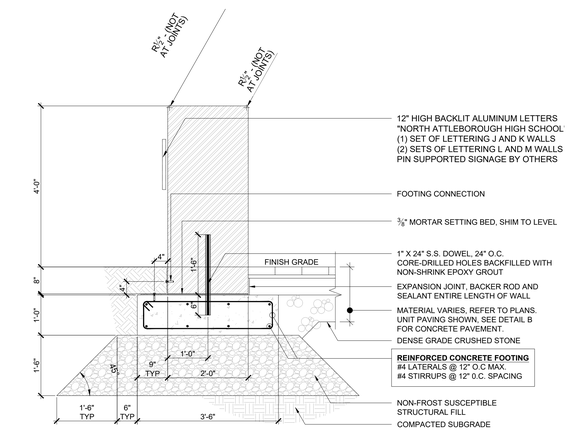
NOTES:
1. DETAIL A AND B ARE FOR PRICING PURPOSES ONLY AND DO NOT REPRESENT A FINAL DESIGN. FINAL DESIGN SHALL BE BY THE INSTALLER'S STRUCTURAL ENGINEER.
2. FENCE CONNECTION TO THE WALL SHALL BE DESIGNED AS PART OF THE OVERALL WALL DESIGNED BY THE WALL DESIGN ENGINEER.
3. POST SPACING SHALL BE NO GREATER THAN 6' O.C. AND FINAL SPACING SHALL BE COORDINATED WITH THE WALL SYSTEM MODULE SIZE(S).



A WALL - A

6 | L4.03 — SEGMENTAL RETAINING WALL

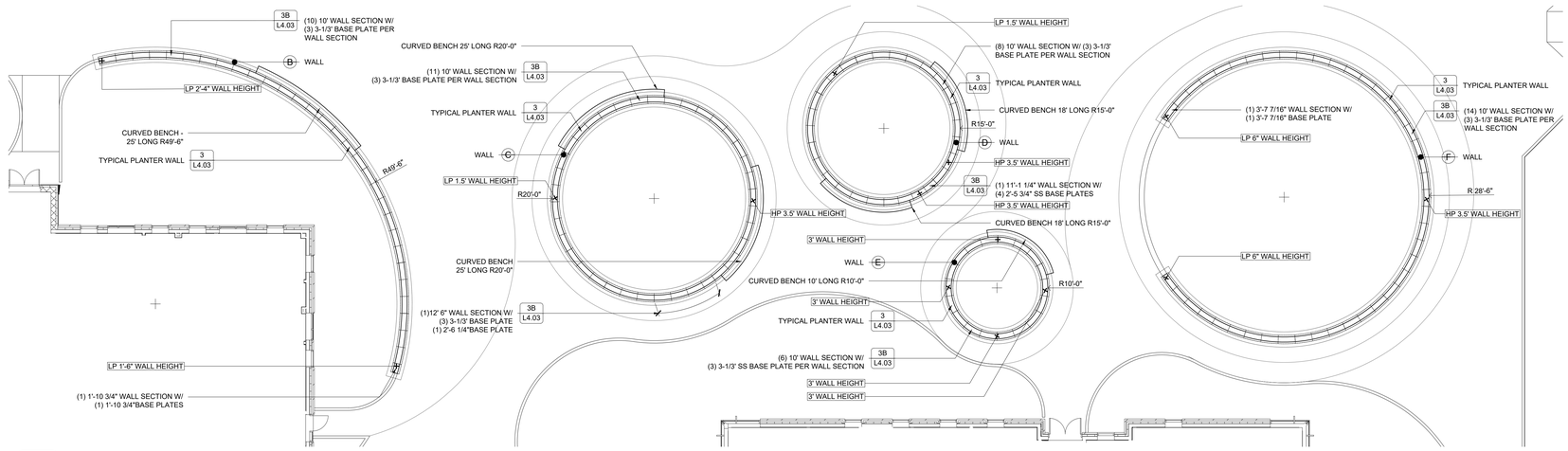
SCALE: 3/8" = 1'-0"



NOTE:
1. ALL SEGMENTS OF SEAT WALL TO BE THE SAME GRANITE TYPE AND SURFACE TREATMENT (HONED FINISH ON ALL SIDES EXCEPT 1⅜" SQ. REVEAL TO BE THERMAL).
2. SEAT WALL SEGMENTS TO BE FABRICATED TO HAVE A CONSISTENT 2% WASH FROM FRONT TO BACK.
3. PROVIDE FULL DIMENSIONED AND ENGINEER STAMPED SHOP DRAWINGS AND CALCULATIONS.

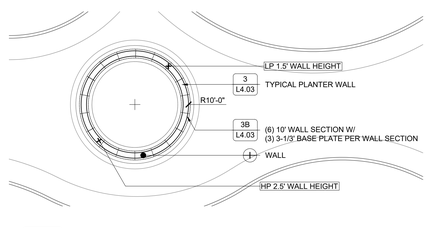
2 | L4.03 — SIGN WALL - J,K,L AND M

SCALE: 3/4" = 1'-0"



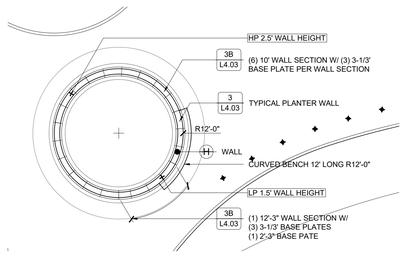
7 | L4.03 — PLANTER WALL PLAN B,C,D,E, F

SCALE: 1" = 10'-0"



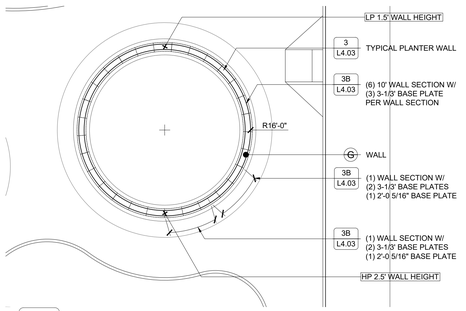
10 | L4.03 — PLANTER WALL PLAN I

SCALE: 1" = 10'-0"



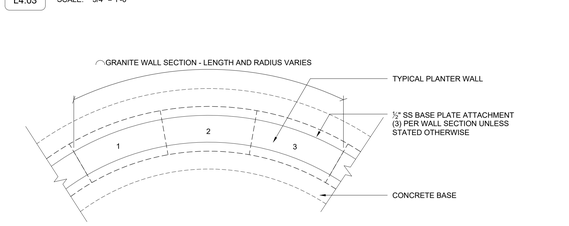
9 | L4.03 — PLANTER WALL PLAN H

SCALE: 1" = 10'-0"



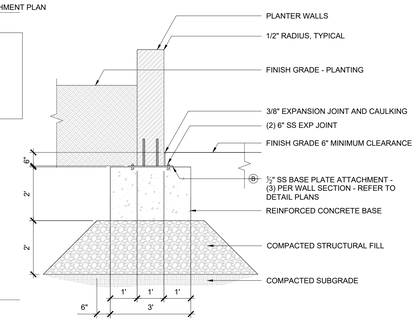
8 | L4.03 — PLANTER WALL PLAN G

SCALE: 1" = 10'-0"



B SS BASE PLATE ATACHMENT PLAN

NOTES:
1. REFER TO SPEC SECTION 044310-SITE STONE FOR ALTERNATIVES
2. ALTERNATIVE FOR PRICING PRECAST CONCRETE



A SECTION

3 | L4.03 — TYPICAL PLANTER WALL

SCALE: 1/2" = 1'-0"

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4429

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

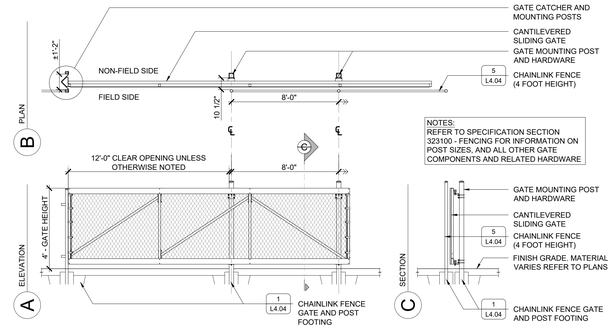
ORIENTATION AND SCALE:

GRAPHIC SCALE

PROJECT NORTH

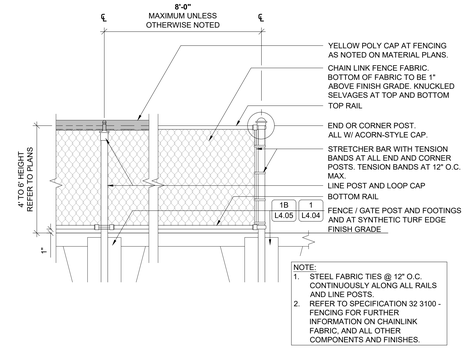
SHEET TITLE:
DETAILS
SHEET 3

SHEET NUMBER:
L4.03



9 L4.04 CHAINLINK FENCE GATE (CANTILEVERED SLIDING)

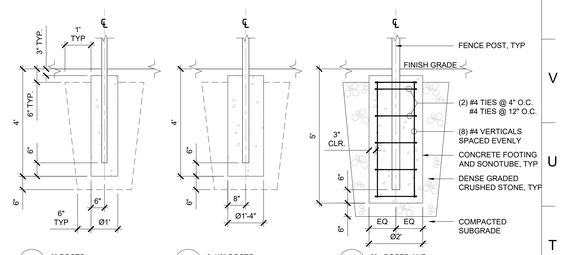
SCALE: 1/4" = 1'-0"



5 L4.04 CHAINLINK FENCE (4 - 6 FOOT HEIGHTS)

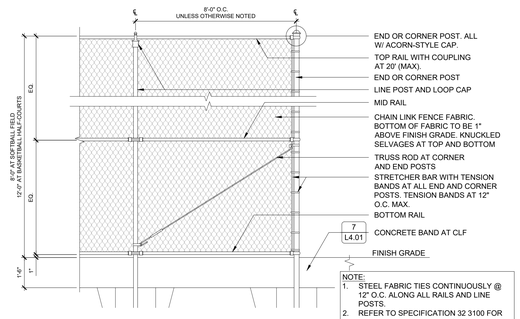
SCALE: 1/2" = 1'-0"

NOTE:
1. **ALL PIPE SIZES NOTED ARE NOMINAL PIPE SIZES (NPS)** - REFER TO SPECIFICATIONS SECTION 32 3100- FENCING FOR SPECIFIC PIPE SIZES FOR ALL POSTS.
2. ALL CONCRETE FOOTINGS TO BE HELD 3" BELOW FINISH GRADE AND SLOPED TO DRAIN WATER AWAY FROM POST.
3. ALL NOTES ON SUB-DETAIL A ARE TYPICAL TO SUB-DETAIL B AND C, UNLESS OTHERWISE NOTED.
4. PROVIDE FULL DIMENSIONED AND ENGINEER STAMPED SHOP DRAWINGS AND CALCULATIONS FOR REINFORCED CONCRETE FOOTING.



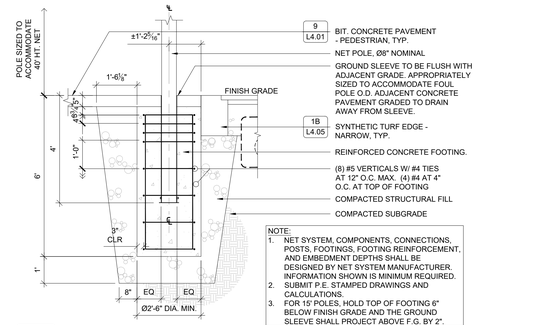
1 L4.04 CHAINLINK FENCE AND GATE POST FOOTINGS

SCALE: 1/2" = 1'-0"



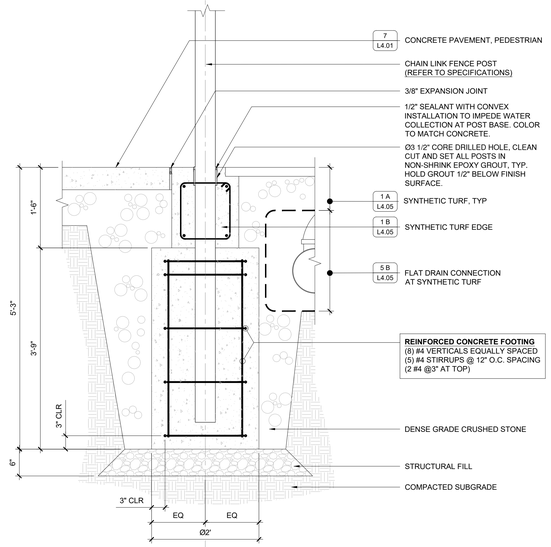
6 L4.04 CHAINLINK FENCE (8 AND 12 FOOT HEIGHTS)

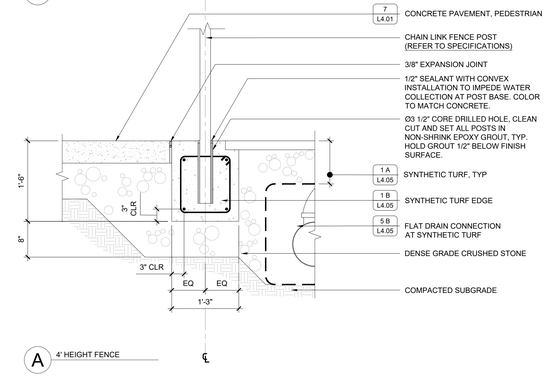
SCALE: 3/8" = 1'-0"



2 L4.04 SAFETY NETTING FOOTING

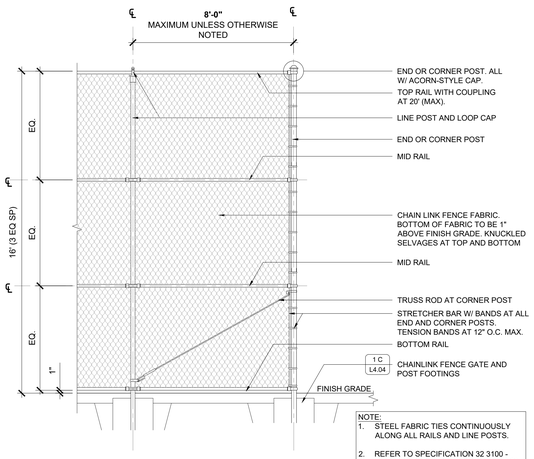
SCALE: 1/2" = 1'-0"





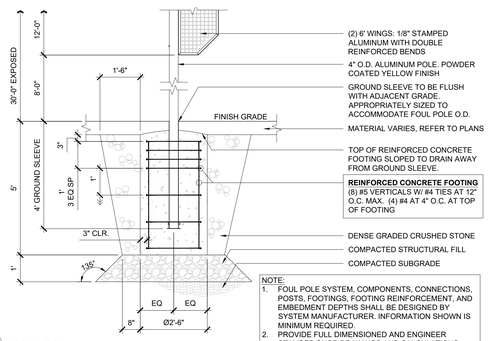
12 L4.04 CLF AT SYNTHETIC TURF EDGE

SCALE: 1" = 1'-0"



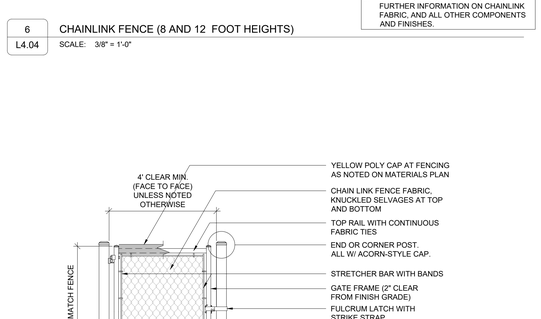
10 L4.04 CHAINLINK FENCE (16 FOOT HEIGHT)

SCALE: 3/8" = 1'-0"



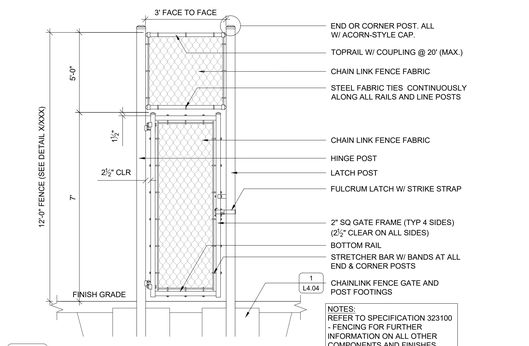
11 L4.04 FOUL POLE

SCALE: 1/2" = 1'-0"



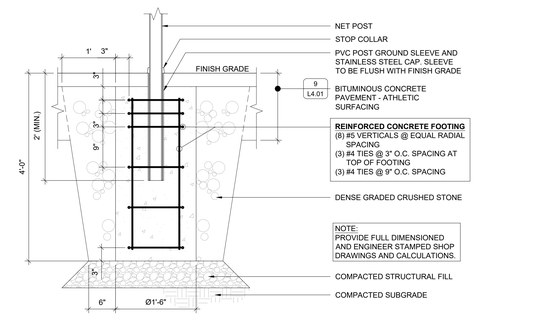
7 L4.04 CHAINLINK FENCE GATE (SINGLE LEAF)

SCALE: 1/2" = 1'-0"



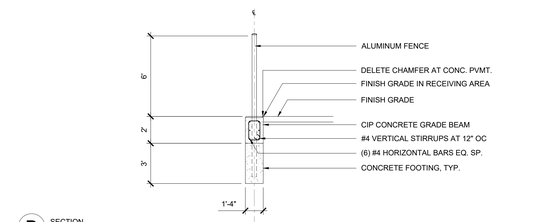
8 L4.04 CHAINLINK FENCE GATE @ TENNIS COURT

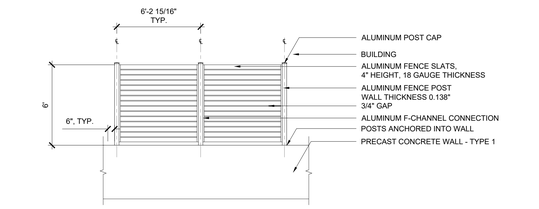
SCALE: 1/2" = 1'-0"



3 L4.04 TENNIS COURT NET POST

SCALE: 1" = 1'-0"





4 L4.04 ALUMINUM SCREEN FENCE: GYM

SCALE: 1/4" = 1'-0"

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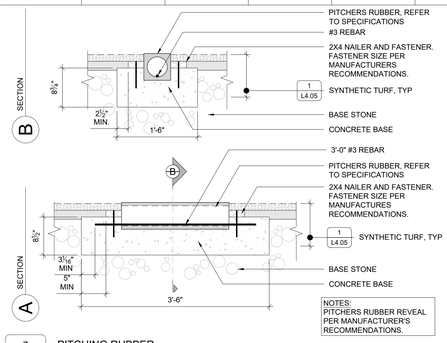
PROJECT NORTH

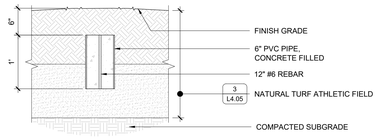
SHEET TITLE:
DETAILS
SHEET 4

SHEET NUMBER:
L4.04



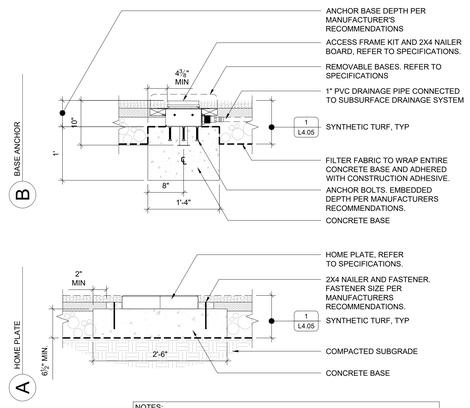
7 L4.05 PITCHING RUBBER

SCALE: 1" = 1'-0"



8 L4.05 FIELD LOCATION MARKER

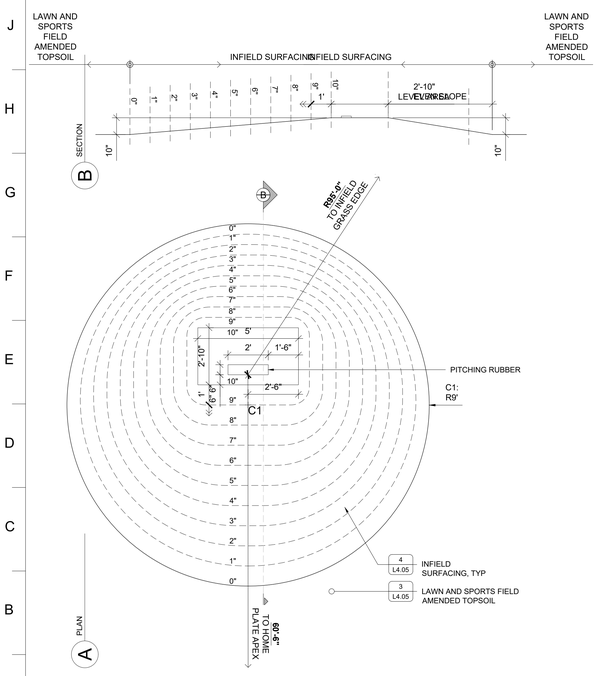
SCALE: 1" = 1'-0"



NOTES:
1. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON THE ACCESS FRAME KIT, COVER PLUG, ANCHOR BASE AND BOLTS.
2. ANCHOR FRAME DETAIL IS TYPICAL FOR FIRST, SECOND, AND THIRD BASES.
3. HOME PLATE REVEAL PER MANUFACTURER'S RECOMMENDATIONS.

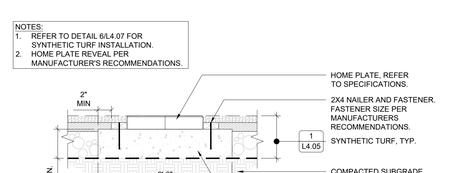
9 L4.05 BASEBALL BASES

SCALE: 1" = 1'-0"



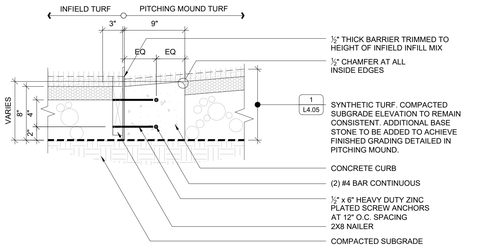
12 L4.05 PITCHING MOUND (BASEBALL)

SCALE: 3/8" = 1'-0"



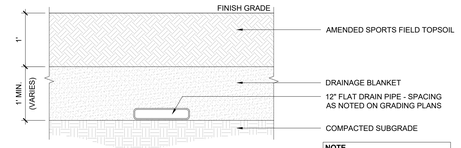
10 L4.05 HOME PLATE

SCALE: 1" = 1'-0"



11 L4.05 PITCHING MOUND CURB

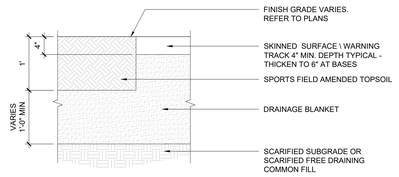
SCALE: 1-1/2" = 1'-0"



NOTE
REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON AMENDED TOPSOIL, DRAINAGE BLANKET AND DRAINAGE PIPING.

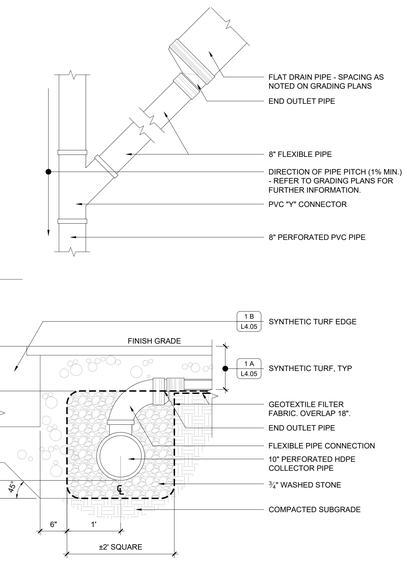
3 L4.05 NATURAL TURF ATHLETIC FIELD

SCALE: 1" = 1'-0"



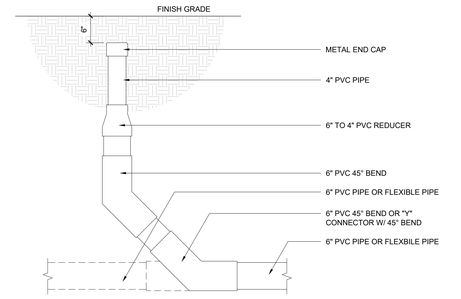
4 L4.05 INFIELD SURFACING

SCALE: 1" = 1'-0"



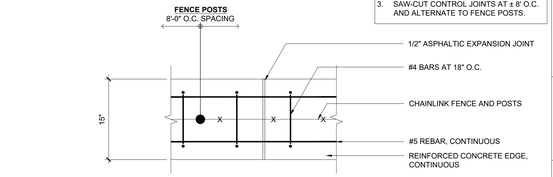
5 L4.05 FLAT DRAIN CONNECTION

SCALE: 1" = 1'-0"

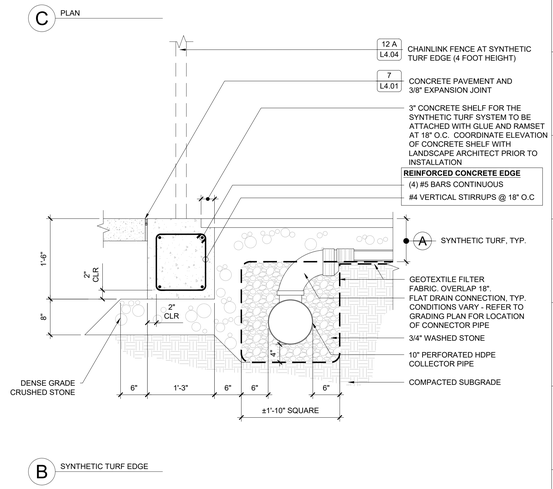


6 L4.05 CLEANOUT AT FIELD

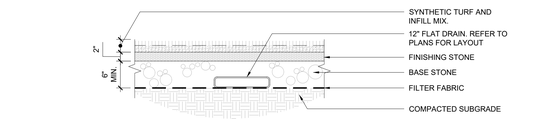
SCALE: 1" = 1'-0"



NOTES:
1. COORDINATE EXPANSION JOINT WITH FENCE POSTS.
2. EXPANSION JOINTS AT ± 24' O.C.
3. SAW-CUT CONTROL JOINTS AT ± 8' O.C. AND ALTERNATE TO FENCE POSTS.



B SYNTHETIC TURF EDGE

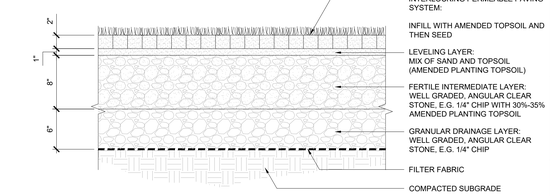


NOTE:
THICKNESS OF BASE STONE AND INFILL MIX TO BE DETERMINED BY MANUFACTURER.

A SECTION

1 L4.05 SYNTHETIC TURF

SCALE: 1" = 1'-0"



NOTES:
1. REFER TO SPECIFICATION 32 91 13 FOR FURTHER INFORMATION ON AMENDED PLANTING TOPSOIL.
2. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON PAVING SYSTEM.

2 L4.05 REINFORCED LAWN

SCALE: 1-1/2" = 1'-0"

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KEY PLAN

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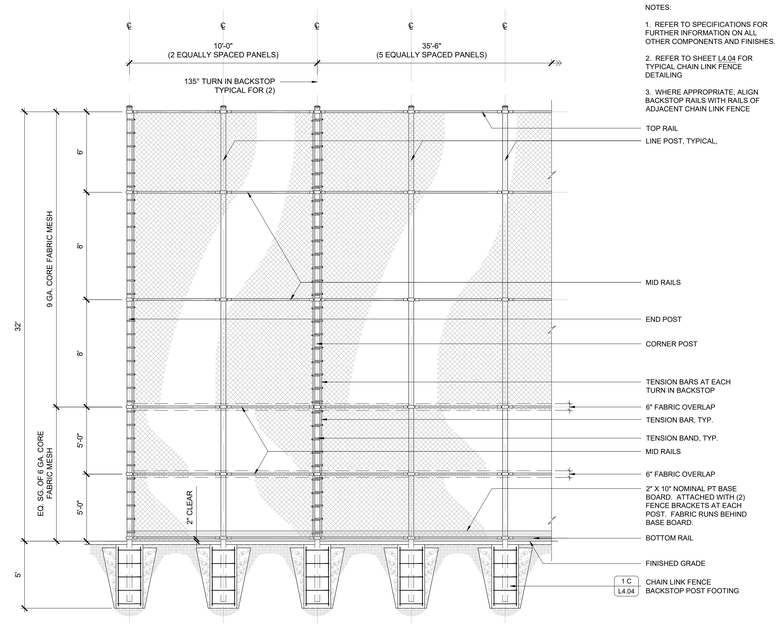
GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:
DETAILS SHEET 5

SHEET NUMBER:
L4.05

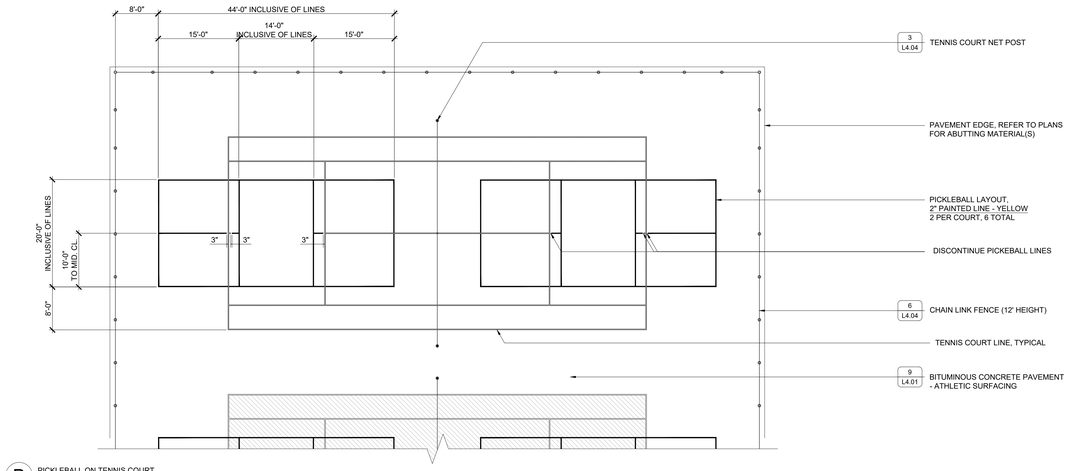


NOTES:

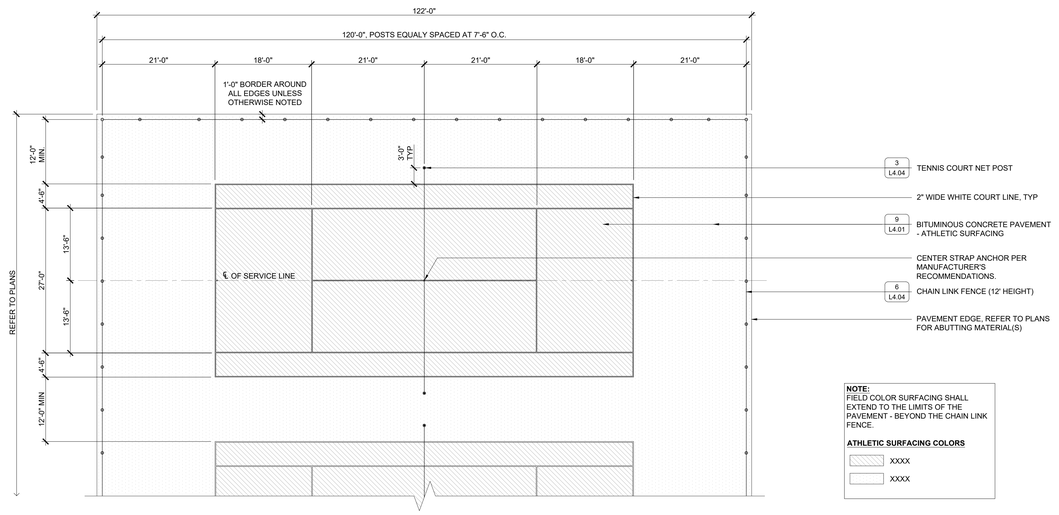
1. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON ALL OTHER COMPONENTS AND FINISHES.
2. REFER TO SHEET L4.04 FOR TYPICAL CHAIN LINK FENCE DETAILING
3. WHERE APPROPRIATE, ALIGN BACKSTOP RAILS WITH RAILS OF ADJACENT CHAIN LINK FENCE

1 L4.06 BACKSTOP: BASEBALL

SCALE: 1/4" = 1'-0"



B PICKLEBALL ON TENNIS COURT



NOTE:
FIELD COLOR SURFACING SHALL EXTEND TO THE LIMITS OF THE PAVEMENT - BEYOND THE CHAIN LINK FENCE.

ATHLETIC SURFACING COLORS

XXXX

XXXX

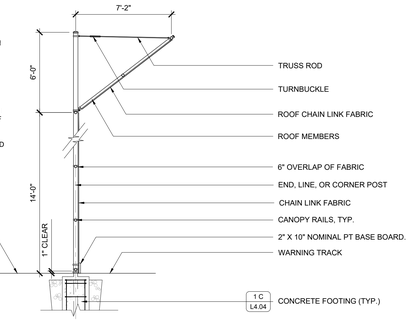
A TENNIS LAYOUT

3 L4.06 TENNIS COURT

SCALE: 1" = 10'-0"

NOTES:

1. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON ALL OTHER COMPONENTS AND FINISHES.
2. REFER TO SHEET L4.04 FOR TYPICAL CHAIN LINK FENCE DETAILING
3. WHERE APPROPRIATE, ALIGN BACKSTOP RAILS WITH RAILS OF ADJACENT CHAIN LINK FENCE
4. PROVIDE FULLY DIMENSIONED SHOP DRAWINGS FOR ENTIRE BACKSTOP



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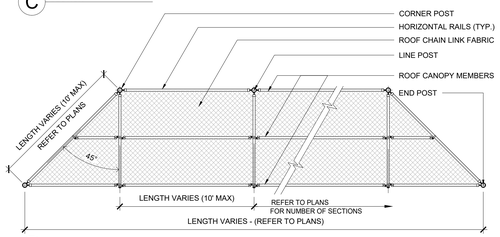
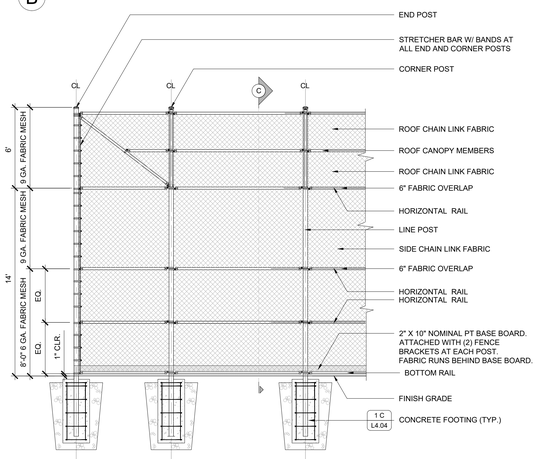


B PLAN



A ELEVATION

2 L4.06 BACKSTOP: SOFTBALL

SCALE: 1/4" = 1'-0"

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SEAL AND SIGNATURE:

MASSACHUSETTS
NATALIE A. BROWN
REGISTERED LANDSCAPE ARCHITECT
NO. 4479

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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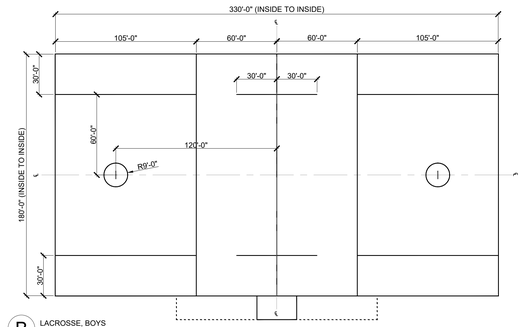
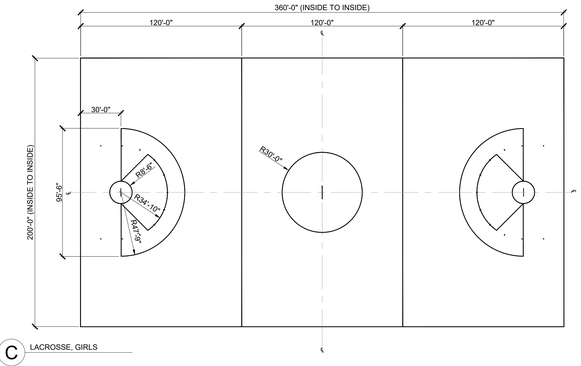
DETAILS
SHEET 6

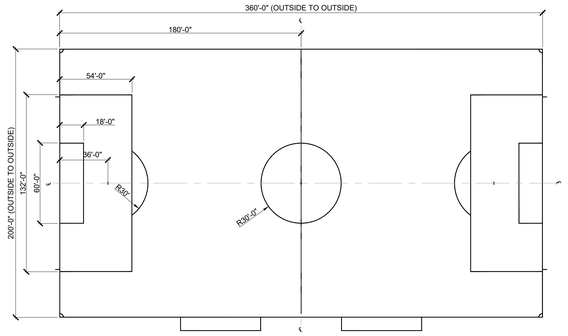
SHEET NUMBER:
L4.06



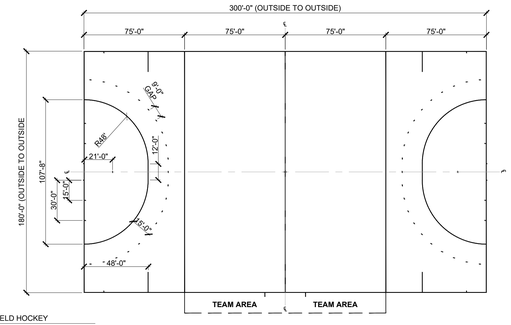
B LACROSSE, BOYS



C LACROSSE, GIRLS

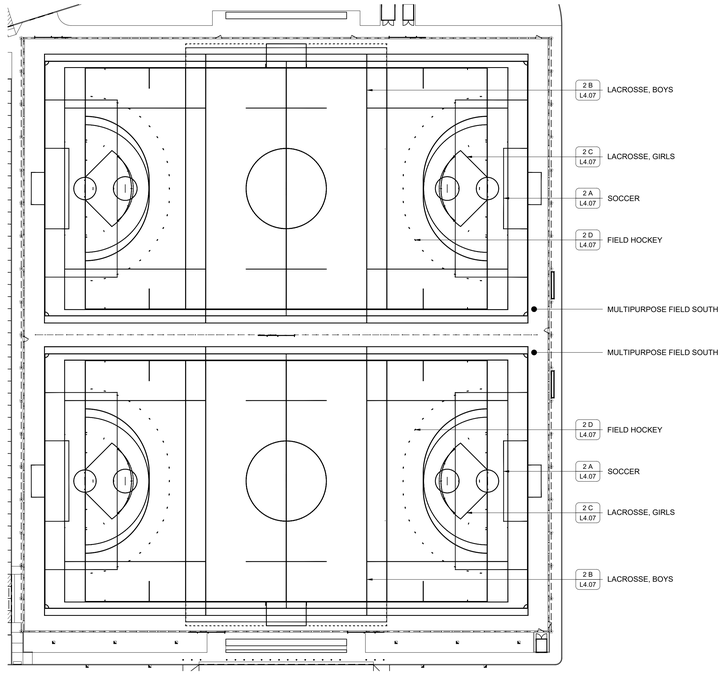


A SOCCER



D FIELD HOCKEY

2	MULTIPURPOSE FIELD MARKINGS
L4.07	SCALE: 1" = 40'-0"



1	MULTIPURPOSE FIELD MARKINGS KEY PLAN
L4.07	SCALE: 1" = 40'-0"

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617-482-4703
www.brownsardina.com

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS
JESSIE A. BROWN
NO. 4439
REGISTERED LANDSCAPE ARCHITECT

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:

DETAILS SHEET 7

SHEET NUMBER:

L4.07

PRICING ALTERNATES (SITE):

A: BASEBALL FIELD SYNTHETIC TURF INCLUDES:

- REPLACE THE SEEDED NATURAL TURF SURFACING WITH SYNTHETIC TURF.
- 15" WIDE CONCRETE NAILER AT TURF PERIMETER.
- 4' CHAINLINK FENCE CORE DRILLED INTO NAILER.
- GATE POSTS WITH FOOTINGS BELOW / THROUGH NAILER.
- 8' AND BACKSTOP FENCING FOOTINGS BELOW / THROUGH NAILER.
- UNDERDRAINAGE REMAINS AS DOCUMENTED ON L2.01.

THE LAYOUT FOR OUTSIDE OF THE FIELD REMAINS AS SHOWN.

THE NAILER TAKES 7 1/2" OUT OF EITHER SIDE OF THE FENCING LINE SHOWN ON L1.01.

GRADING FOR THE SYNTHETIC TURF HAS A DIFFERENT FIELD SLOPE AND IS SHOWN IN THE ALTERNATE.

B: SOD FOR FIELDS:

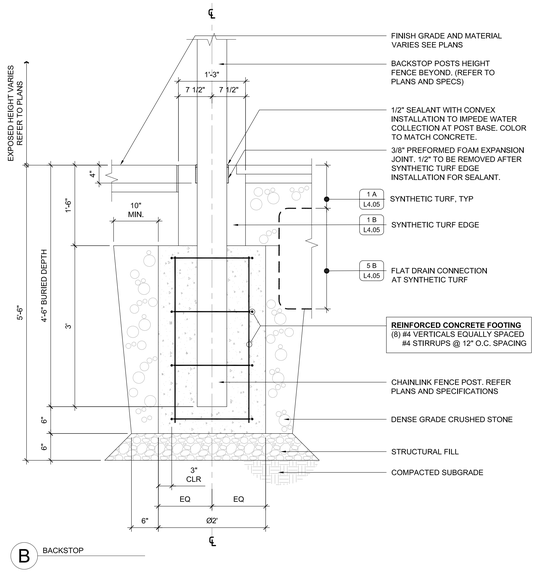
REPLACE THE SEEDED NATURAL TURF SURFACING WITH SOD FOR THE BASEBALL AND SOFTBALL FIELDS.

BASEBALL = 92,200 SF

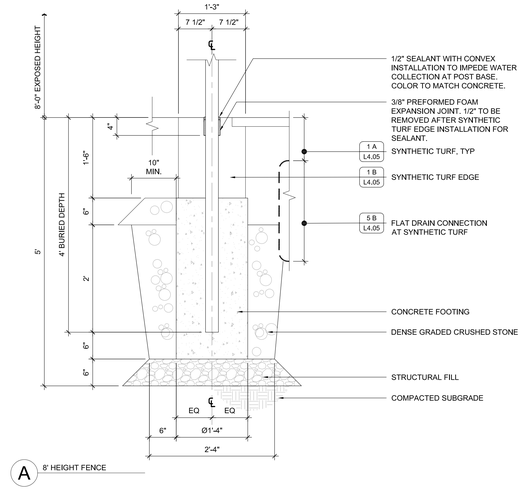
SOFTBALL = 99,055 SF

1 / L5.01 ALTERNATE PRICING: SITE OVERVIEW

SCALE: NTS



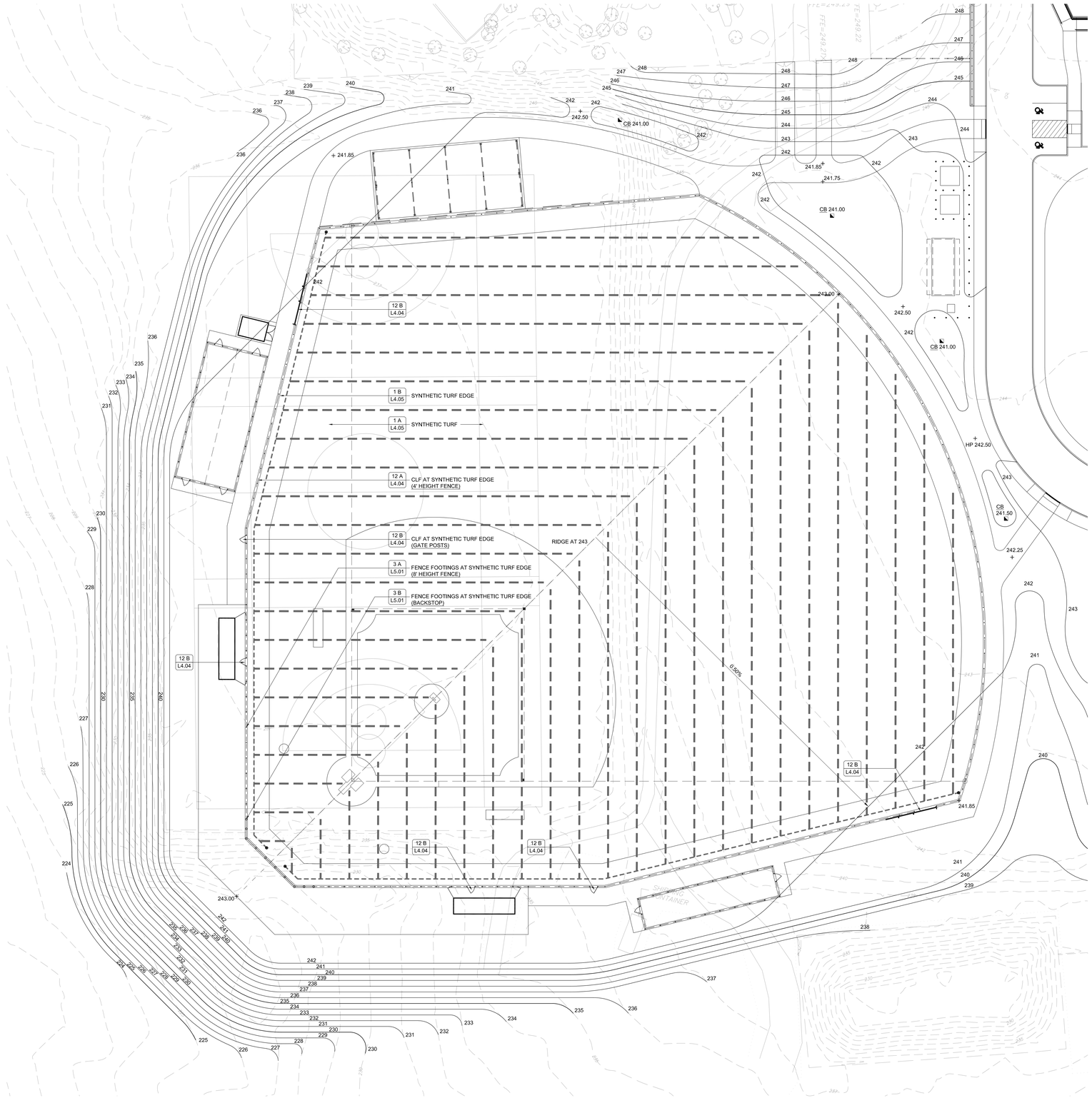
B BACKSTOP



A 8' HEIGHT FENCE

3 / L5.01 FENCE FOOTINGS AT SYNTHETIC TURF EDGE

SCALE: 1" = 1'-0"



2 / L5.01 BASEBALL FIELD PRICING ALTERNATE: MATERIALS AND GRADING

SCALE: 1" = 20'-0"

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1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS · NATALIE A. BROWN · No. 4429 · REGISTERED LANDSCAPE ARCHITECT

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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12/19/2025

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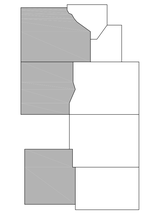
KEY PLAN



ORIENTATION AND SCALE:

N

PROJECT NORTH

0 10' 20' 40'
SCALE: AS SHOWN GRAPHIC SCALE

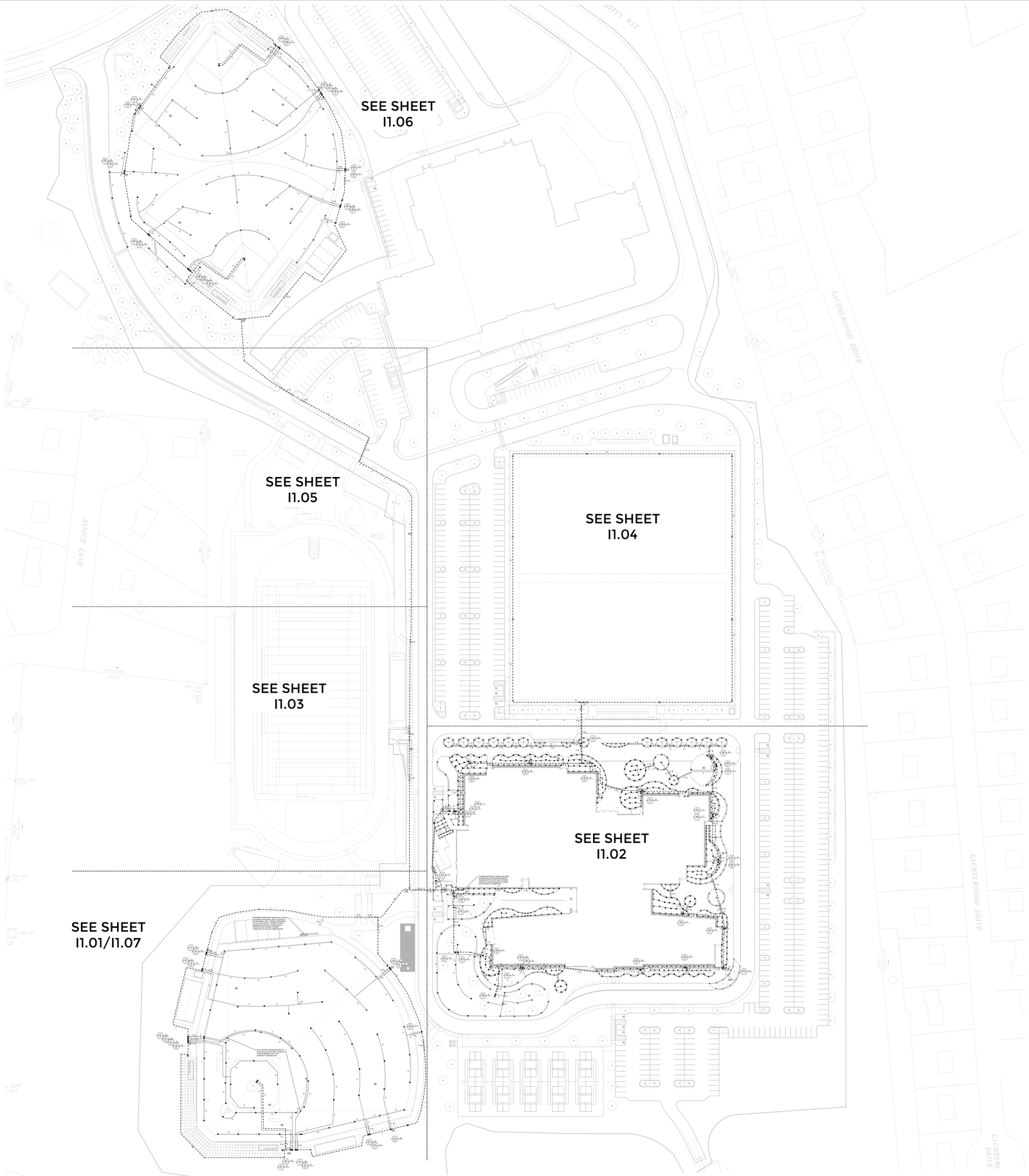
SHEET TITLE:

PRICING ALTERNATES:

SITE

SHEET NUMBER:

L5.01



IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
	60	50'	LARGE ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	60	45'	
	50	35'	SMALL ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	50	25'	
	50	18'	
	30	15'	6-INCH POP UP SPRAY SPRINKLER W/ CHECK VALVE AND PRESS. REG.
	30	12'	
	30	10'	
	30	8'	
	30	5'	
	30	9'x18'	
	30	4'x30'	
	30	4'x15'	
	30	15'	12-INCH POP UP SPRAY SPRINKLER W/ CHECK VALVE AND PRESS. REG.
	30	12'	
	30	10'	
	30	8'	
	30	5'	
	30	9'x9'	
	30	4'x30'	
	30	4'x15'	

- 24 VOLT ELECTRIC ZONE VALVE (SEE VALVE DESIGNATOR FOR FLOW AND SIZES)
- ISOLATION GATE VALVE (3 INCH AND LARGER), SIZED AS PER MAINLINE
- ISOLATION GATE VALVE (2-1/2 INCH AND SMALLER), SIZED AS PER MAINLINE
- 1" QUICK COUPLING VALVE
- 1-1/2" QUICK COUPLING VALVE
- (A) MAINLINE AIR VACUUM RELEASE VALVE
- LATERAL PIPING
  SCHOOL LANDSCAPE ZONES: CLASS 200 PVC PIPE FOR 1-1/2" AND LARGER, POLY, 100 PSI, FOR 1-1/4" AND SMALLER (SIZE AS INDICATED, ALL UNLABELED PIPE TO BE 1 INCH)
  ATHLETIC FIELD ZONES: CLASS 200 PVC PIPE, NO LATERALS SMALLER THAN 1-1/2" SIZE
- CLASS-200 PVC MAINLINE PIPING (SIZE AS INDICATED)
- CLASS-200 PVC PIPE SLEEVE (SIZE AS INDICATED) INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES, MINIMUM WIRE CONDUIT SIZE TO BE 2-INCH, UNLESS OTHERWISE NOTED. SEE SLEEVING DETAIL.
- (POC) IRRIGATION SYSTEM POINT OF CONNECTION, 4" SIZE
- (R) AUTOMATIC RAIN SENSOR
- (M1) MOISTURE SENSOR
- (A) AUTOMATIC CONTROLLER
- (LA/G) LIGHTNING ARRESTOR WITH GROUND
- (M) MASTER VALVE
- (F) FLOW SENSOR
- (D) MAINLINE DRAIN VALVE

VALVE DESIGNATION:

A 25 — STATION NO.
1" — FLOW
VALVE SIZE

IRRIGATION NOTES
1. IRRIGATION WATER IS INTENDED FOR IRRIGATION PURPOSES, ONLY, AND WILL NOT BE USED FOR DRINKING WATER.
2. COORDINATE FINAL LOCATION OF SPRINKLERS AND NOZZLE SELECTION WITH FINAL APPROVED LANDSCAPE.
3. PIPE AND VALVE LOCATIONS ARE DIAGRAMMATIC, CONTRACTOR SHALL FIELD VERIFY.
4. VALVES AND VALVE BOXES TO BE PLACED, WHERE POSSIBLE, IN PLANTED AREAS UNDER MULCH.
5. QUICK COUPLES AND VALVES SHALL BE LOCATED A MINIMUM OF 10 FEET OUTSIDE OF PLAYING SURFACE.
6. INSTALL PIPING AS FAR FROM TREES AND ROOT BALLS AS POSSIBLE WHILE MAINTAINING SPRINKLER SPACING.
7. TWO-WIRE COMMUNICATION CABLE FROM CONTROLLER TO VALVES SHALL BE POLYETHYLENE DOUBLE JACKETED TWO CONDUCTOR SOLID CORE, DESIGNED FOR DIRECT BURIAL. SUFFICIENT SLACK SHOULD BE LEFT IN COMMUNICATION CABLE AT DECODER LOCATIONS TO BRING DECODERS, SPLICES, AND SOLENOIDS ABOVE GRADE FOR SERVICING. TO BE MINIMUM SIZE OF #14-2.
8. QUICK COUPLING VALVES, 1" SIZE, SHALL BE INSTALLED ON 1 INCH PVC SWING JOINTS WITH BRASS INSERTS AND STABILIZERS. (SEE DETAIL)
9. QUICK COUPLING VALVES, 1-1/2" SIZE, SHALL BE INSTALLED ON DUCTILE IRON SWING JOINTS INSIDE SPORTSFIELD SPECIALTIES TURF VALVE BOX (SEE DETAIL).
10. SPRAY AND ROTARY SPRINKLERS AT SCHOOL LANDSCAPE TO BE INSTALLED ON SWING PIPE ASSEMBLIES, MIN. LENGTH TO BE 6 INCHES, 18 INCH MAXIMUM. LARGE ROTARY SPRINKLERS SHALL BE INSTALLED ON 1-INCH PVC PREFABRICATED UNITIZED SWING JOINT ASSEMBLIES WITH INTEGRAL O-RINGS. MEDIUM ROTARY SPRINKLERS AT ATHLETIC FIELDS TO BE INSTALLED ON 3/4-INCH PRC PREFABRICATED UNITIZED SWING JOINT ASSEMBLIES WITH INTEGRAL O-RINGS.
11. IRRIGATION SYSTEM IS DESIGNED FOR SEPARATE WATER SUPPLY TO PROVIDE 150 GPM MAX FROM NEW 4-INCH SERVICE. SYSTEM TO PRODUCE 86-PSI DYNAMIC PRESSURE AT IRRIGATION CONTRACTORS POINT OF CONNECTION IN LANDSCAPED AREA.
12. CONTRACTOR TO TEST DYNAMIC PRESSURE BEFORE STARTING WORK, REPORT ANY DEVIATION FROM PRESSURE REQUIRED TO OWNER'S REP. BEFORE CONTINUING.
13. INSTALL CONTROLLER IN ENCLOSURE. GENERALLY WHERE SHOWN ON THE DRAWINGS, HARD WIRE TO 120 VOLT, DEDICATED 20 AMP CIRCUIT. POWER SUPPLY USING LICENSED ELECTRICIAN. ROUTE ALL CONTROL WIRES TO CONTROLLER VIA CONDUIT THROUGH ENCLOSURE BASE.
14. INSTALL RAIN SENSOR ON CONTROLLER ENCLOSURE.
15. ABOVE GROUND WIRING, INSIDE AND OUTSIDE OF BUILDING, TO BE INSTALLED IN SCH 40 PVC CONDUIT FOR VANDALISM PROTECTION.
16. COORDINATE LOCATION OF ALL EXISTING AND FUTURE UTILITIES ON SITE AND CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.
17. FLUSH LATERAL LINES BEFORE INSTALLING SPRINKLERS.
18. SPRAY SPRINKLERS FOR TURF SHALL HAVE 6 INCH POP UP HEIGHT, SHRUB/GROUNDCOVER SPRINKLERS SHALL HAVE 12 INCH POP UP HEIGHT.
19. CONTRACTOR TO SUBMIT PRODUCT SUBMITTALS AS PER THE WRITTEN SPECIFICATIONS TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO ORDERING MATERIAL AND BEGINNING WORK.
20. MATERIAL SUBSTITUTIONS WHICH VARY FROM THE SPECIFIED PRODUCTS MUST BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL AS PART OF THE SUBMITTAL PROCESS.
21. ONCE APPROVED SUBMITTALS HAVE BEEN RETURNED TO THE CONTRACTOR, WORK MAY BEGIN. THE OWNER'S REPRESENTATIVE MUST BE NOTIFIED A MINIMUM OF 7-DAYS IN ADVANCE OF THE START OF WORK TO COORDINATE ON-SITE SUPERVISION AND ADMINISTRATION.
22. SEE IRRIGATION DETAILS AND SPECIFICATIONS SECTION 328400 FOR ADDITIONAL NECESSARY INFORMATION.

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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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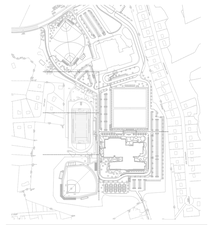
KEY PLAN



ORIENTATION AND SCALE:

N

0 30' 60' 120'
SCALE: 1" = 60' GRAPHIC SCALE

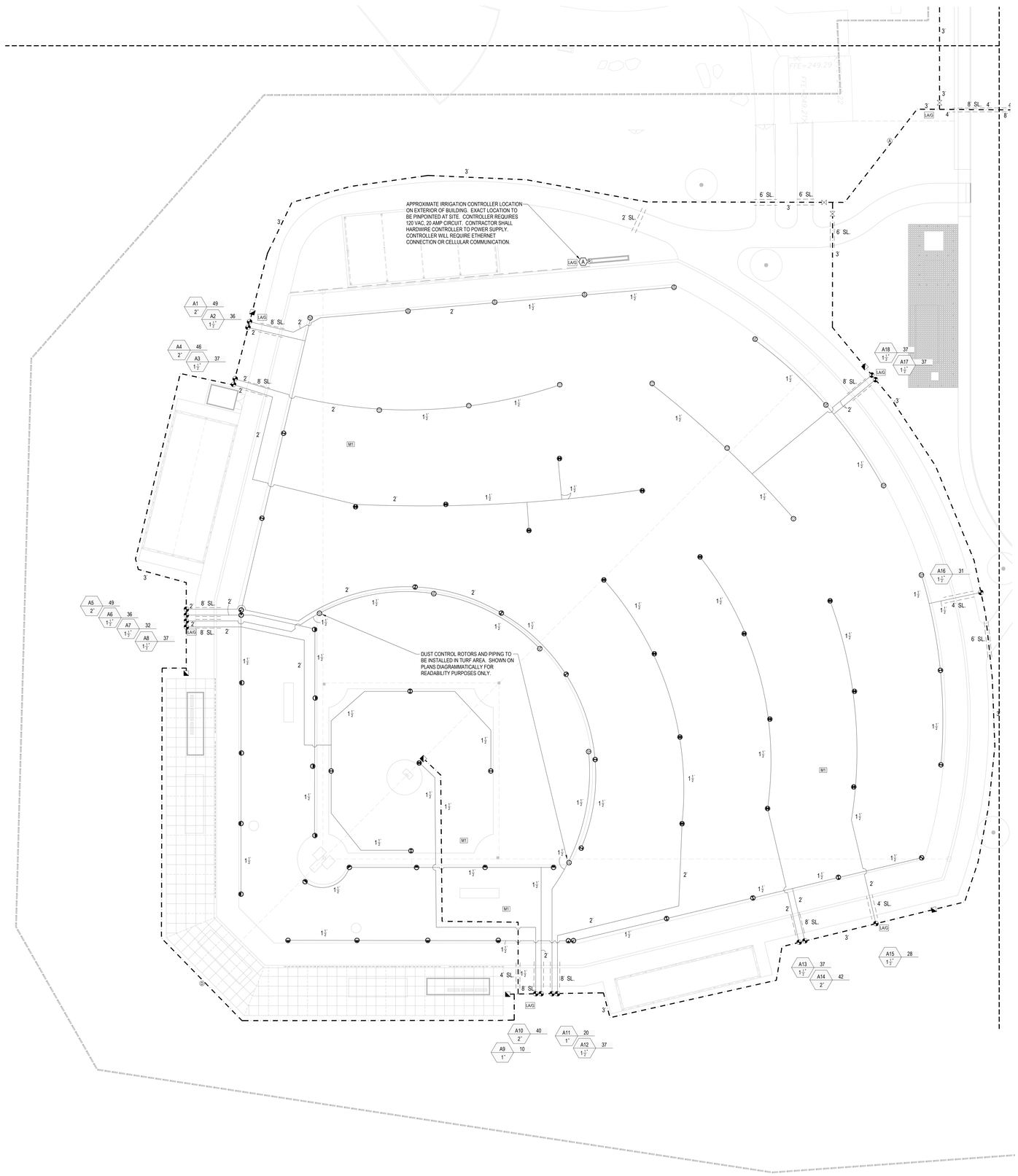
PROJECT NORTH

SHEET TITLE:

OVERALL IRRIGATION PLAN

SHEET NUMBER:

I1.00



IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
Q H F	60	50'	LARGE ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	60	45'	
	50	35'	SMALL ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
			24 VOLT ELECTRIC ZONE VALVE (SEE VALVE DESIGNATOR FOR FLOW AND SIZES)
			ISOLATION GATE VALVE (3 INCH AND LARGER), SIZED AS PER MAINLINE
			ISOLATION GATE VALVE (2-1/2 INCH AND SMALLER), SIZED AS PER MAINLINE
			1" QUICK COUPLING VALVE
A			MAINLINE AIR VACUUM RELEASE VALVE
			LATERAL PIPING SCHOOL LANDSCAPE ZONES: CLASS 200 PVC PIPE FOR 1-1/2" AND LARGER, POLY, 100 PSI, FOR 1-1/4" AND SMALLER (SIZE AS INDICATED) ALL UNLABELED PIPE TO BE 1 INCH) ATHLETIC FIELD ZONES: CLASS 200 PVC PIPE, NO LATERALS SMALLER THAN 1-1/2" SIZE
			CLASS-200 PVC MAINLINE PIPING (SIZE AS INDICATED)
			CLASS-200 PVC PIPE SLEEVE (SIZE AS INDICATED) INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES. MINIMUM WIRE CONDUIT SIZE TO BE 2-INCH, UNLESS OTHERWISE NOTED. SEE SLEEVING DETAIL.
R			AUTOMATIC RAIN SENSOR
M1			MOISTURE SENSOR
A			AUTOMATIC CONTROLLER
LAG			LIGHTNING ARRESTOR WITH GROUND
D			MAINLINE DRAIN VALVE

VALVE DESIGNATION:

A 25 1" — STATION NO. / FLOW / VALVE SIZE

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13. INSTALL CONTROLLER IN ENCLOSURE, GENERALLY WHERE SHOWN ON THE DRAWINGS, HARD WIRE TO 120 VOLT, DEDICATED 20 AMP CIRCUIT, POWER SUPPLY USING LICENSED ELECTRICIAN. ROUTE ALL CONTROL WIRES TO CONTROLLER VIA CONDUIT THROUGH ENCLOSURE BASE.
14. INSTALL RAIN SENSOR ON CONTROLLER ENCLOSURE.
15. ABOVE GROUND WIRING, INSIDE AND OUTSIDE OF BUILDING, TO BE INSTALLED IN SCH 40 PVC CONDUIT FOR VANDALISM PROTECTION.
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North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS — JESSIE A. BARR — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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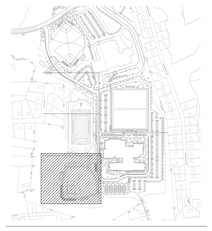
KEY PLAN



ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1" = 20' GRAPHIC SCALE

PROJECT NORTH

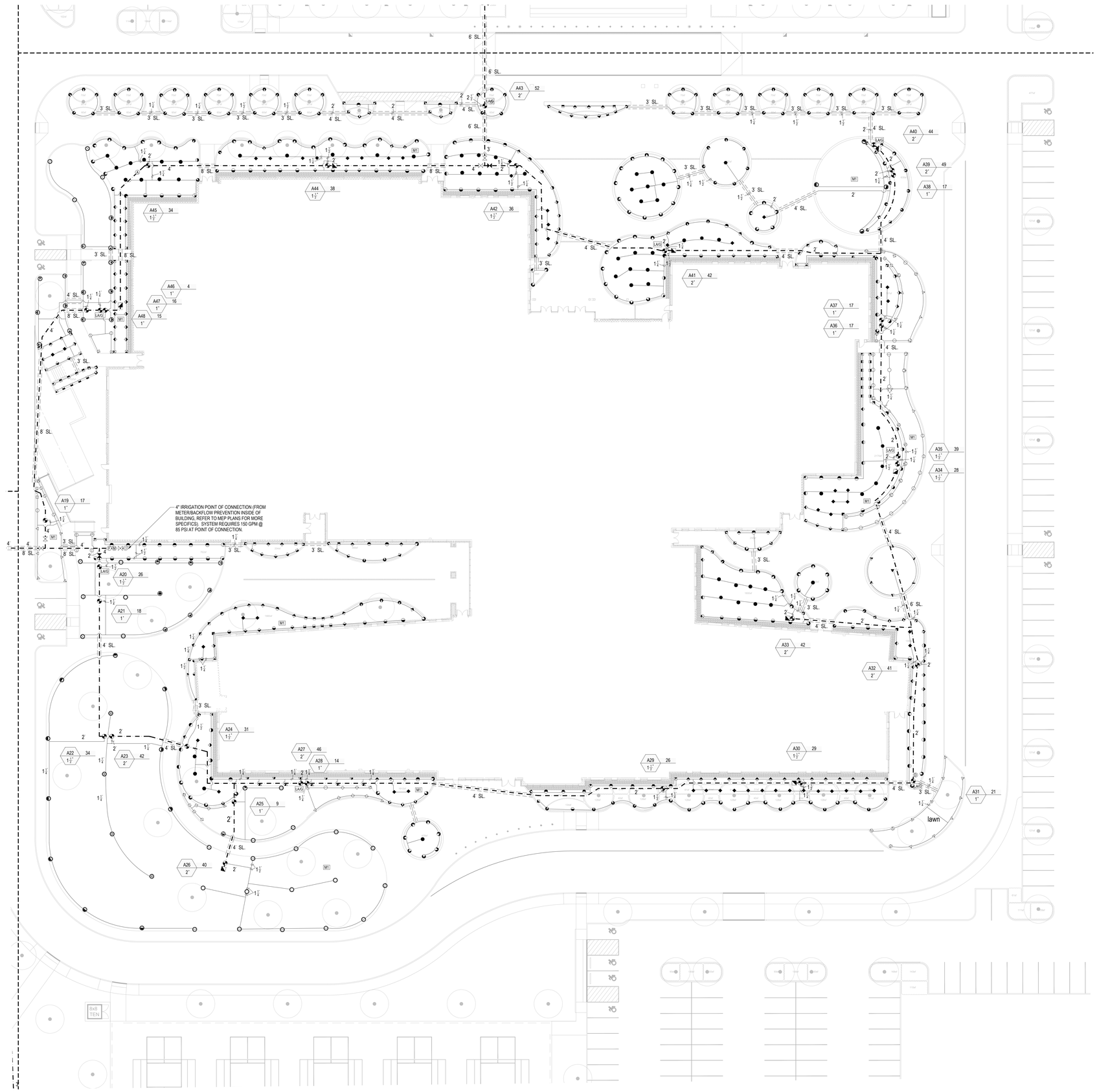
SHEET TITLE:

IRRIGATION PLAN:

SHEET 1

SHEET NUMBER:

I1.01



IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
Q H F	50	35'	SMALL ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	50	25'	
	50	18'	
Q H TQ V F	30	15'	6-INCH POP UP SPRAY SPRINKLER W/ CHECK VALVE AND PRESS. REG.
	30	12'	
	30	10'	
	30	8'	
	30	5'	
	30	9'x18'	
	30	4'x30'	
	30	4'x15'	
Q H TQ V F	30	15'	12-INCH POP UP SPRAY SPRINKLER W/ CHECK VALVE AND PRESS. REG.
	30	12'	
	30	10'	
	30	8'	
	30	5'	
	30	9'x9'	
	30	4'x30'	
	30	4'x15'	
			24 VOLT ELECTRIC ZONE VALVE (SEE VALVE DESIGNATOR FOR FLOW AND SIZES)
			ISOLATION GATE VALVE (3 INCH AND LARGER), SIZED AS PER MAINLINE
			ISOLATION GATE VALVE (2-1/2 INCH AND SMALLER), SIZED AS PER MAINLINE
			1" QUICK COUPLING VALVE
A			MAINLINE AIR VACUUM RELEASE VALVE
			LATERAL PIPING SCHOOL LANDSCAPE ZONES: CLASS 200 PVC PIPE FOR 1-1/2" AND LARGER, POLY, 100 PSI, FOR 1-1/4" AND SMALLER (SIZE AS INDICATED, ALL UNLABELED PIPE TO BE 1 INCH)
			CLASS-200 PVC MAINLINE PIPING (SIZE AS INDICATED)
			CLASS-200 PVC PIPE SLEEVE (SIZE AS INDICATED) INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES. MINIMUM WIRE CONDUIT SIZE TO BE 2-INCH, UNLESS OTHERWISE NOTED. SEE SLEEVING DETAIL.
			IRRIGATION SYSTEM POINT OF CONNECTION, 4" SIZE
M1			MOISTURE SENSOR
A			AUTOMATIC CONTROLLER
LAG			LIGHTNING ARRESTOR WITH GROUND
M			MASTER VALVE
F			FLOW SENSOR
D			MAINLINE DRAIN VALVE
VALVE DESIGNATION:			
A 25 1"			STATION NO. FLOW VALVE SIZE

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North Attleborough High School

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS — NICHOLAS A. BROWN — NO. 4439 — REGISTERED LANDSCAPE ARCHITECT

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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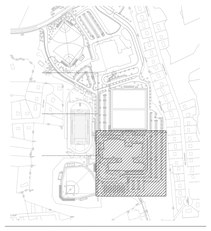
KEY PLAN



ORIENTATION AND SCALE:

N

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SCALE: 1" = 20' GRAPHIC SCALE

PROJECT NORTH

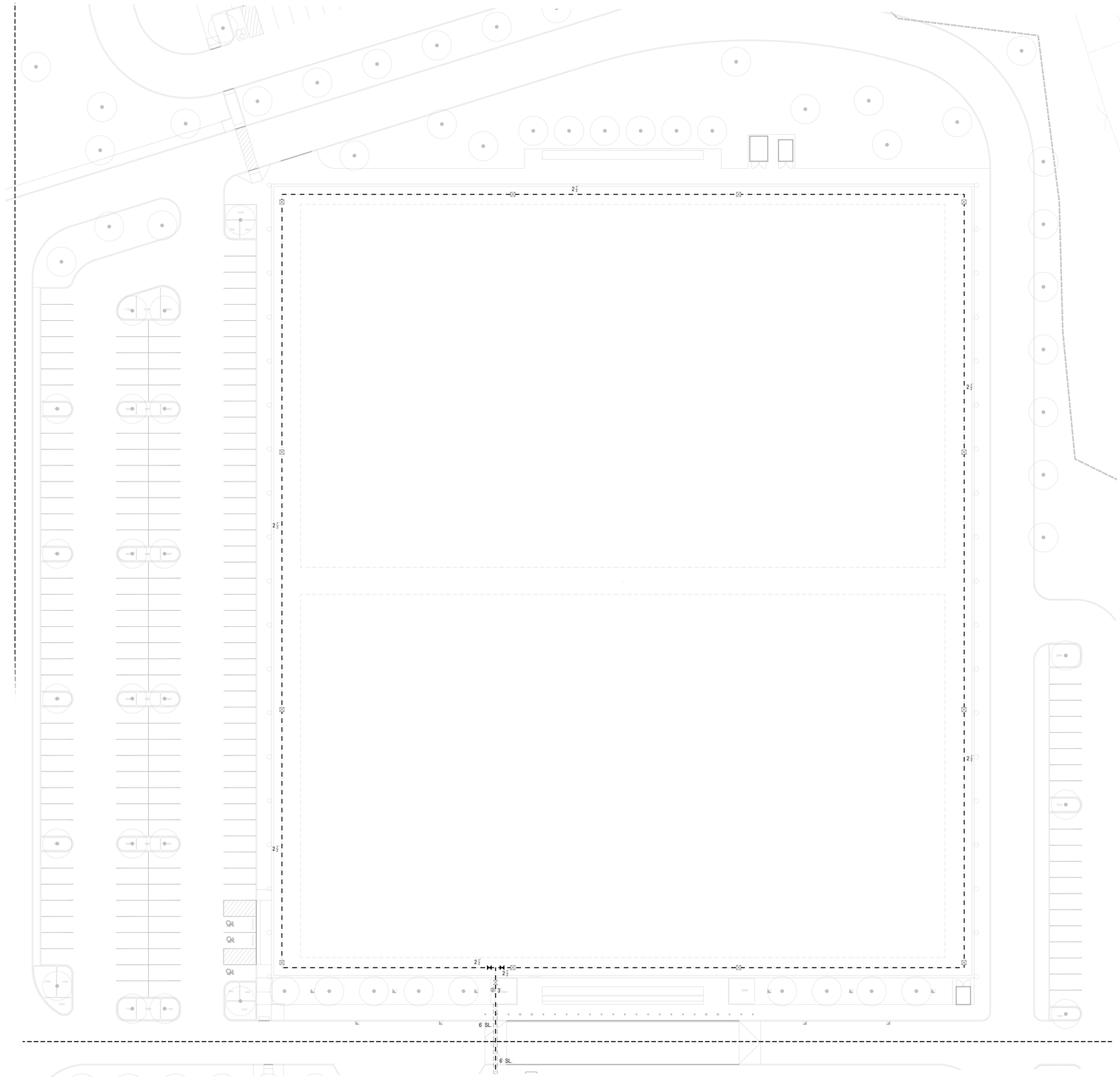
SHEET TITLE:

IRRIGATION PLAN:

SHEET 2

SHEET NUMBER:

I1.02



IRRIGATION LEGEND

SYMBOL	DESCRIPTION
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PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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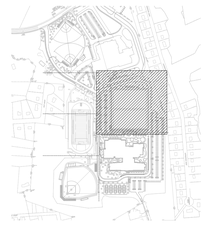
KEY PLAN



ORIENTATION AND SCALE:

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PROJECT NORTH

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SCALE: 1" = 20' GRAPHIC SCALE

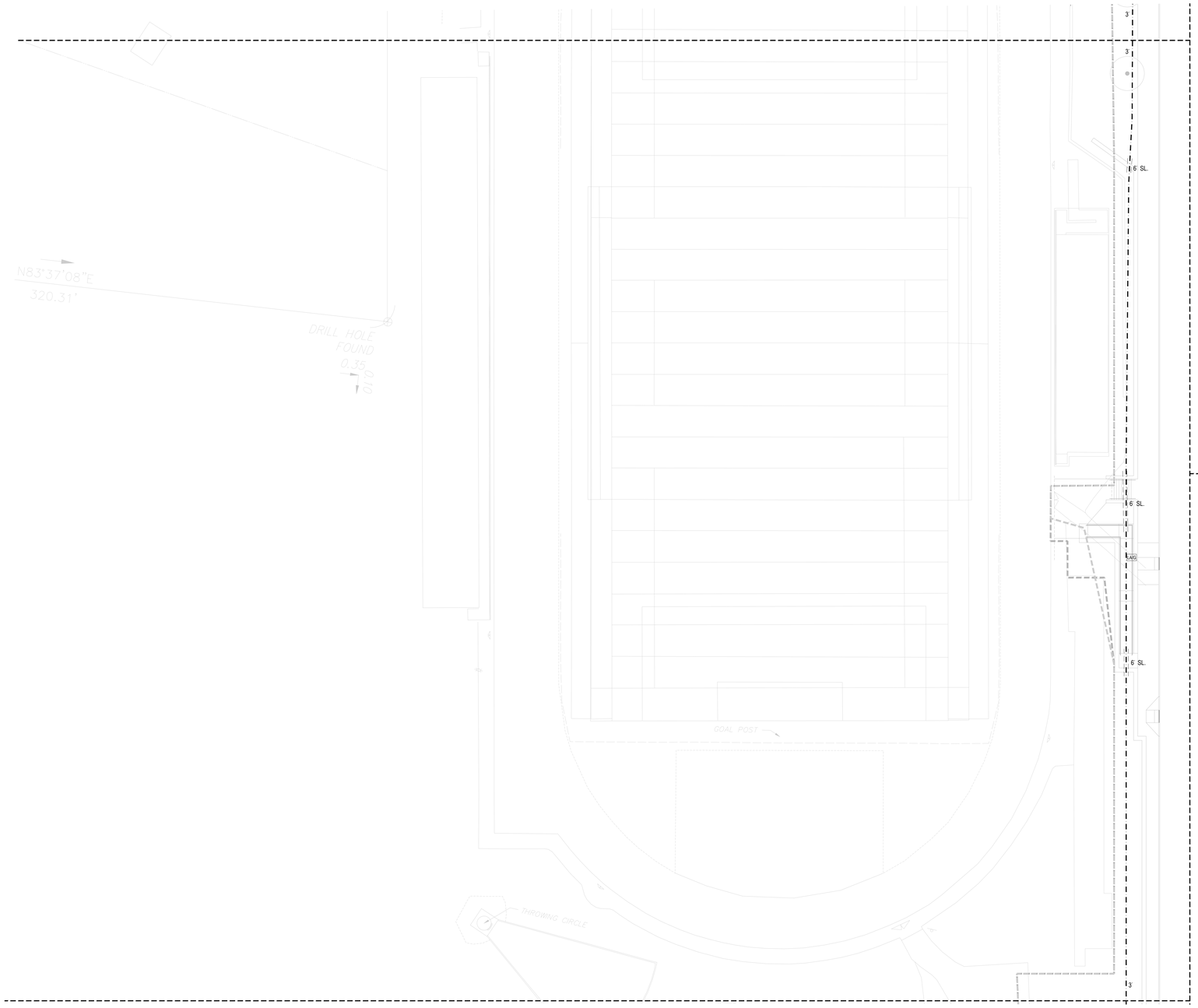
SHEET TITLE:

IRRIGATION PLAN:

SHEET 3

SHEET NUMBER:

I1.03



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LAG	

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PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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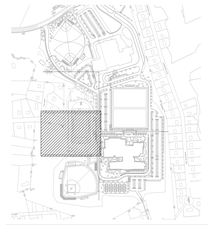

ORIENTATION AND SCALE:

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PROJECT NORTH

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SCALE: 1" = 20' GRAPHIC SCALE

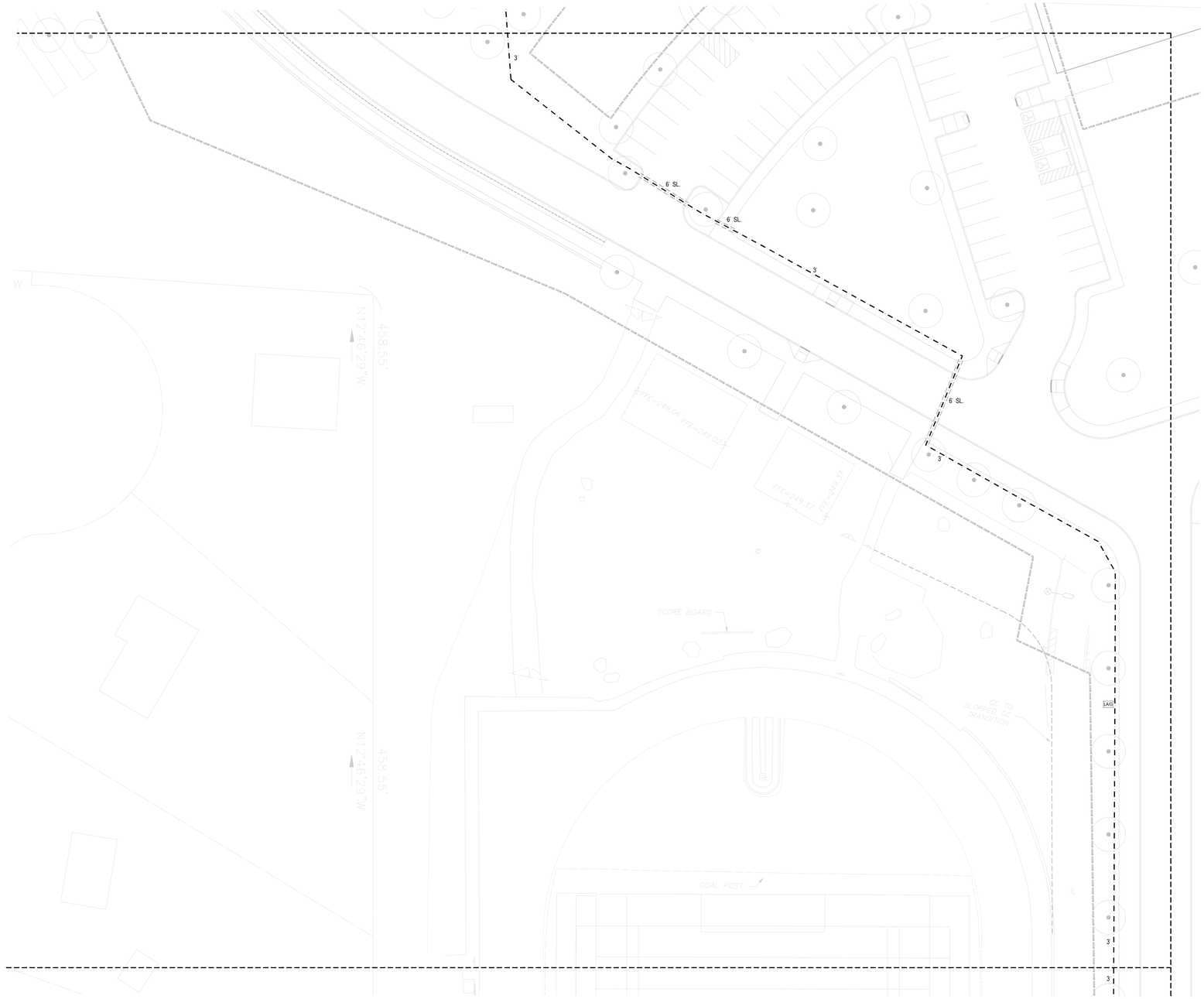
SHEET TITLE:

IRRIGATION PLAN:

SHEET 4

SHEET NUMBER:

I1.04



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22. SEE IRRIGATION DETAILS AND SPECIFICATIONS SECTION 328400 FOR ADDITIONAL NECESSARY INFORMATION.

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(978) 433-8912
SYNCHES@IRRIGATIONCONSULTING.COM

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Huntersville, NC 28078
(704) 843.3688

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Boston, MA 02129
617-482-4703
www.brownsardina.com

North Attleborough High School

1 Wilson West Whitty Way
North Attleborough, MA 02760

PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:

MASSACHUSETTS — JESSIE A. BROWN — REGISTERED LANDSCAPE ARCHITECT — NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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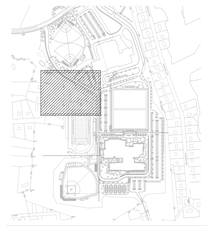
KEY PLAN



ORIENTATION AND SCALE:

N

PROJECT NORTH

0 10' 20' 40'
SCALE: 1" = 20' GRAPHIC SCALE

SHEET TITLE:

IRRIGATION PLAN:

SHEET 5

SHEET NUMBER:

I1.05



IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
Q W F	60	50'	LARGE ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	60	45'	
	50	35'	SMALL ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
			24 VOLT ELECTRIC ZONE VALVE (SEE VALVE DESIGNATOR FOR FLOW AND SIZES)
			ISOLATION GATE VALVE (3 INCH AND LARGER), SIZED AS PER MAINLINE
			ISOLATION GATE VALVE (2-1/2 INCH AND SMALLER), SIZED AS PER MAINLINE
			1" QUICK COUPLING VALVE
A			MAINLINE AIR VACUUM RELEASE VALVE
			LATERAL PIPING SCHOOL LANDSCAPE ZONES: CLASS 200 PVC PIPE FOR 1-1/2" AND LARGER, POLY, 100 PSI, FOR 1-1/4" AND SMALLER (SIZE AS INDICATED, ALL UNLABELED PIPE TO BE 1 INCH) ATHLETIC FIELD ZONES: CLASS 200 PVC PIPE, NO LATERALS SMALLER THAN 1-1/2" SIZE
			CLASS-200 PVC MAINLINE PIPING (SIZE AS INDICATED)
			CLASS-200 PVC PIPE SLEEVE (SIZE AS INDICATED) INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES. MINIMUM WIRE CONDUIT SIZE TO BE 2-INCH, UNLESS OTHERWISE NOTED. SEE SLEEVING DETAIL.
M1			MOISTURE SENSOR
LAG			LIGHTNING ARRESTOR WITH GROUND
D			MAINLINE DRAIN VALVE

VALVE DESIGNATION:

A — STATION NO.
25 — FLOW
1" — VALVE SIZE

IRRIGATION NOTES
1. IRRIGATION WATER IS INTENDED FOR IRRIGATION PURPOSES, ONLY, AND WILL NOT BE USED FOR DRINKING WATER.
2. COORDINATE FINAL LOCATION OF SPRINKLERS AND NOZZLE SELECTION WITH FINAL APPROVED LANDSCAPE.
3. PIPE AND VALVE LOCATIONS ARE DIAGRAMMATIC, CONTRACTOR SHALL FIELD VERIFY.
4. VALVES AND VALVE BOXES TO BE PLACED, WHERE POSSIBLE, IN PLANTED AREAS UNDER MULCH.
5. QUICK COUPLES AND VALVES SHALL BE LOCATED A MINIMUM OF 10 FEET OUTSIDE OF PLAYING SURFACE.
6. INSTALL PIPING AS FAR FROM TREES AND ROOT BALLS AS POSSIBLE WHILE MAINTAINING SPRINKLER SPACING.
7. TWO-WIRE COMMUNICATION CABLE FROM CONTROLLER TO VALVES SHALL BE POLYETHYLENE DOUBLE JACKETED TWO CONDUCTOR SOLID CORE, DESIGNED FOR DIRECT BURIAL. SUFFICIENT SLACK SHOULD BE LEFT IN COMMUNICATION CABLE AT DECODER LOCATIONS TO BRING DECODERS, SPLICES, AND SOLENOIDS ABOVE GRADE FOR SERVICING. TO BE MINIMUM SIZE OF #14-2.
8. QUICK COUPLING VALVES, 1" SIZE, SHALL BE INSTALLED ON 1 INCH PVC SWING JOINTS WITH BRASS INSERTS AND STABILIZERS. (SEE DETAIL)
9. QUICK COUPLING VALVES, 1-1/2" SIZE, SHALL BE INSTALLED ON DUCTILE IRON SWING JOINTS INSIDE SPORTSFIELD SPECIALTIES TURF VALVE BOX (SEE DETAIL).
10. SPRAY AND ROTARY SPRINKLERS AT SCHOOL LANDSCAPE TO BE INSTALLED ON SWING PIPE ASSEMBLIES, MIN. LENGTH TO BE 6 INCHES, 18 INCH MAXIMUM. LARGE ROTARY SPRINKLERS SHALL BE INSTALLED ON 1-INCH PVC PREFABRICATED UNITIZED SWING JOINT ASSEMBLIES WITH INTEGRAL O-RINGS. MEDIUM ROTARY SPRINKLERS AT ATHLETIC FIELDS TO BE INSTALLED ON 3/4-INCH PRC PREFABRICATED UNITIZED SWING JOINT ASSEMBLIES WITH INTEGRAL O-RINGS.
11. IRRIGATION SYSTEM IS DESIGNED FOR SEPARATE WATER SUPPLY TO PROVIDE 150 GPM MAX FROM NEW 4-INCH SERVICE. SYSTEM TO PRODUCE 85-PSI DYNAMIC PRESSURE AT IRRIGATION CONTRACTORS POINT OF CONNECTION IN LANDSCAPED AREA.
12. CONTRACTOR TO TEST DYNAMIC PRESSURE BEFORE STARTING WORK. REPORT ANY DEVIATION FROM PRESSURE REQUIRED TO OWNER'S REP. BEFORE CONTINUING.
13. INSTALL CONTROLLER IN ENCLOSURE, GENERALLY WHERE SHOWN ON THE DRAWINGS. HARD WIRE TO 120 VOLT, DEDICATED 20 AMP CIRCUIT, POWER SUPPLY USING LICENSED ELECTRICIAN. ROUTE ALL CONTROL WIRES TO CONTROLLER VIA CONDUIT THROUGH ENCLOSURE BASE.
14. INSTALL RAIN SENSOR ON CONTROLLER ENCLOSURE.
15. ABOVE GROUND WIRING, INSIDE AND OUTSIDE OF BUILDING, TO BE INSTALLED IN SCH 40 PVC CONDUIT FOR VANDALISM PROTECTION.
16. COORDINATE LOCATION OF ALL EXISTING AND FUTURE UTILITIES ON SITE AND CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.
17. FLUSH LATERAL LINES BEFORE INSTALLING SPRINKLERS.
18. SPRAY SPRINKLERS FOR TURF SHALL HAVE 6 INCH POP UP HEIGHT, SHRUB/GROUNDCOVER SPRINKLERS SHALL HAVE 12 INCH POP UP HEIGHT.
19. CONTRACTOR TO SUBMIT PRODUCT SUBMITTALS AS PER THE WRITTEN SPECIFICATIONS TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO ORDERING MATERIAL AND BEGINNING WORK.
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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS — JULIE A. BRUSH — NO. 4439 — REGISTERED LANDSCAPE ARCHITECT

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
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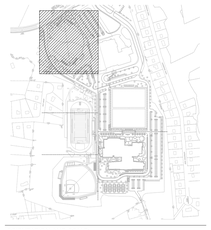
KEY PLAN



ORIENTATION AND SCALE:

N

0 10' 20' 40'
SCALE: 1" = 20' GRAPHIC SCALE

PROJECT NORTH

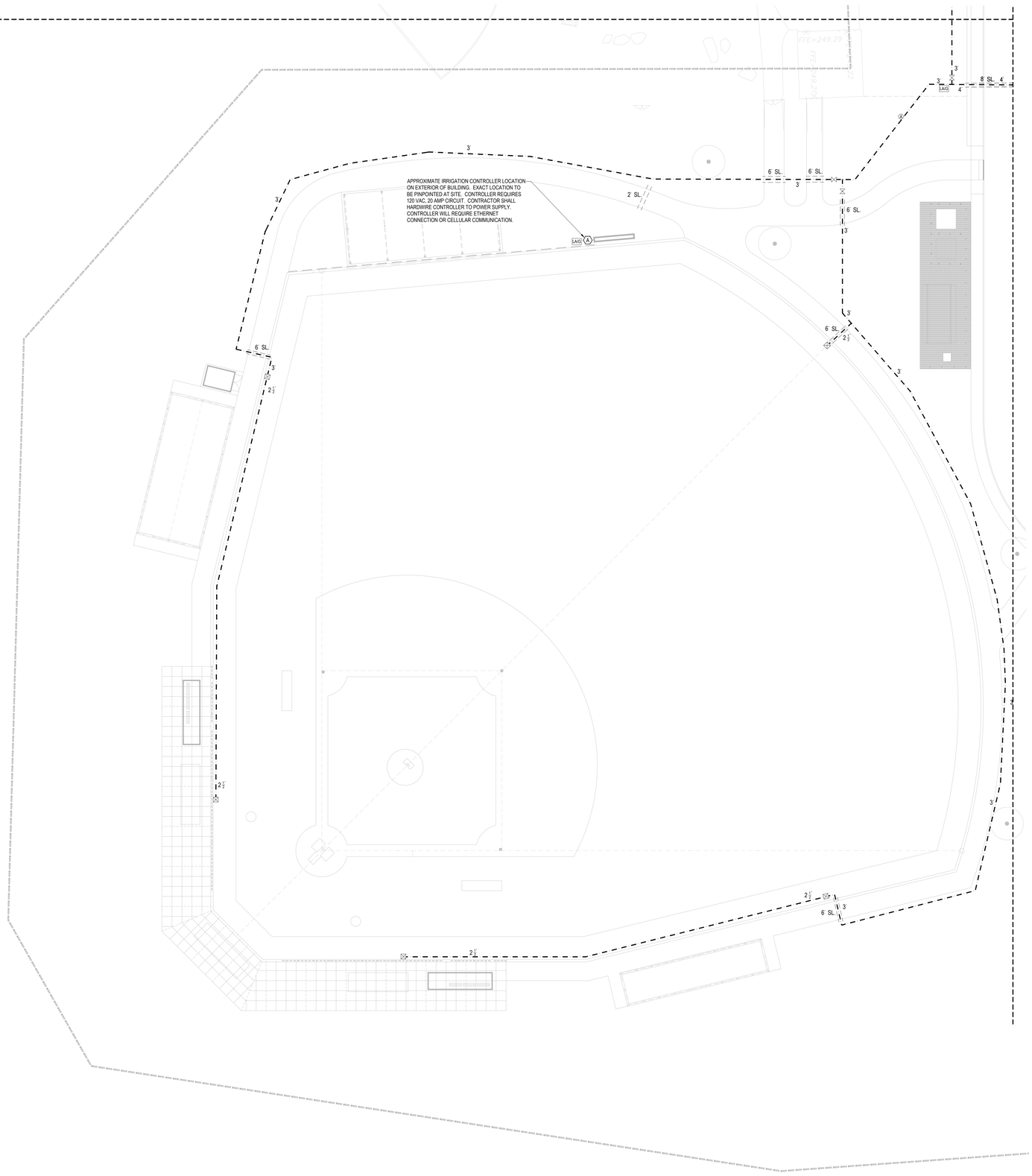
SHEET TITLE:

IRRIGATION PLAN:

SHEET 6

SHEET NUMBER:

I1.06



IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
	ISOLATION GATE VALVE (3 INCH AND LARGER), SIZED AS PER MAINLINE
	ISOLATION GATE VALVE (2-1/2 INCH AND SMALLER), SIZED AS PER MAINLINE
	1" QUICK COUPLING VALVE
	1-1/2" QUICK COUPLING VALVE
A	MAINLINE AIR VACUUM RELEASE VALVE
	CLASS-200 PVC MAINLINE PIPING (SIZE AS INDICATED)
	CLASS-200 PVC PIPE SLEEVE (SIZE AS INDICATED). INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES. MINIMUM WIRE CONDUIT SIZE TO BE AUTOMATIC RAIN SENSOR
R	2-INCH, UNLESS OTHERWISE NOTED. SEE SLEEVING DETAIL.
A	AUTOMATIC CONTROLLER
LAG	LIGHTNING ARRESTOR
D	MAINLINE DRAIN VALVE
VALVE DESIGNATION:	
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North Attleborough High School

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North Attleborough, MA 02760

PROJECT NUMBER: **24-0856**

SEAL AND SIGNATURE:

MASSACHUSETTS · JESSIE A. BROWN · REGISTERED LANDSCAPE ARCHITECT · NO. 4439

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
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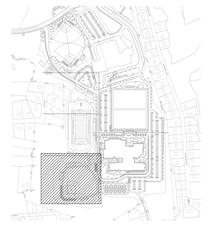
KEY PLAN



ORIENTATION AND SCALE:

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0 10' 20' 40'
SCALE: 1" = 20' GRAPHIC SCALE

PROJECT NORTH

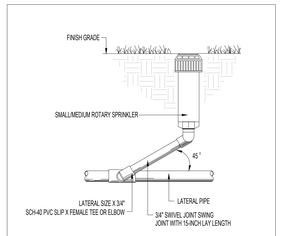
SHEET TITLE:

IRRIGATION PLAN:

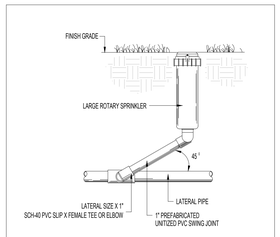
BASEBALL ALTERNATE

SHEET NUMBER:

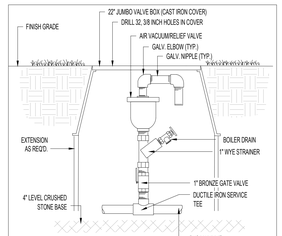
I1.07



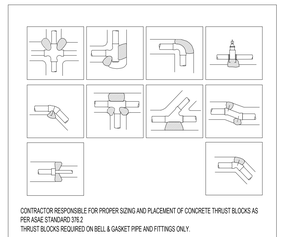
1 SMALL/MEDIUM ROTARY SPRINKLER DETAIL
NO SCALE — ATHLETIC FIELDS



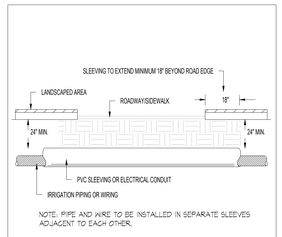
2 LARGE ROTARY SPRINKLER DETAIL
NO SCALE — ATHLETIC FIELDS



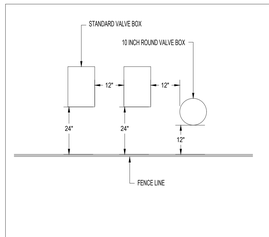
3 AIR VACUUM/RELEASE VALVE DETAIL
NO SCALE



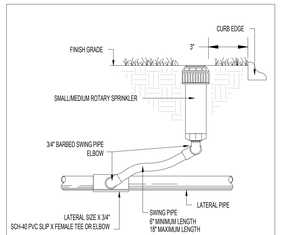
4 THRUST BLOCKING DETAIL
NO SCALE



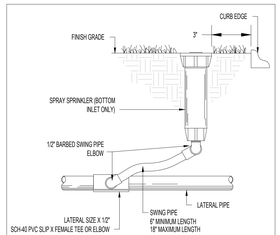
5 PIPE AND WIRE SLEEVE DETAIL
NO SCALE



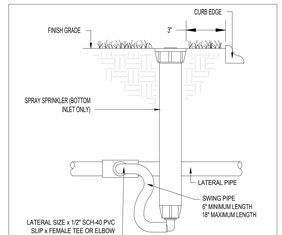
6 VALVE BOX INSTALLATION DETAIL
NO SCALE



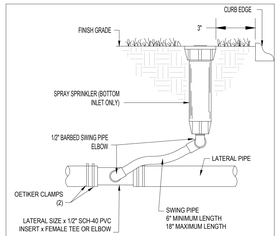
7 SMALL/ MEDIUM ROTARY SPRINKLER DETAIL
NO SCALE — PVC LATERALS - SCHOOL LANDSCAPE



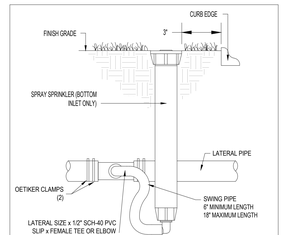
8 SPRAY SPRINKLER DETAIL
NO SCALE — PVC LATERALS



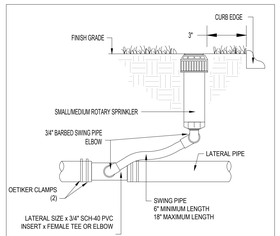
9 12" POP-UP SPRAY SPRINKLER DETAIL
NO SCALE — PVC LATERALS



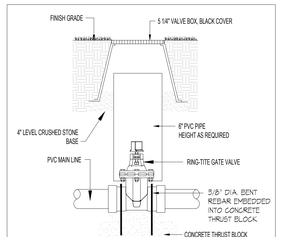
10 SPRAY SPRINKLER DETAIL
NO SCALE — POLYETHYLENE LATERALS



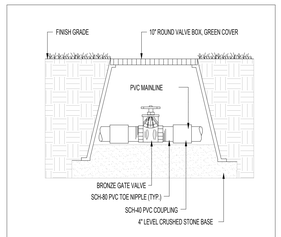
11 12" POP-UP SPRAY SPRINKLER DETAIL
POLYETHYLENE LATERALS



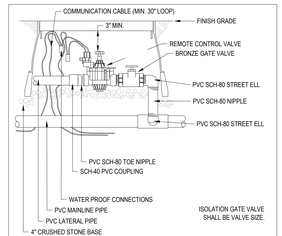
12 ROTARY SPRINKLER DETAIL
NO SCALE — POLYETHYLENE LATERALS - SCHOOL LANDSCAPE



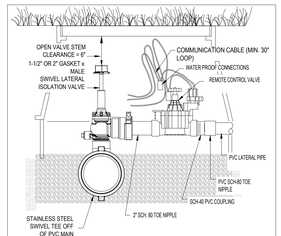
13 MAINLINE ISOLATION GATE VALVE DETAIL
NO SCALE — (3" AND LARGER)



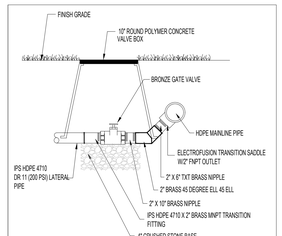
14 ISOLATION GATE VALVE DETAIL
NO SCALE — (2-1/2" AND SMALLER)



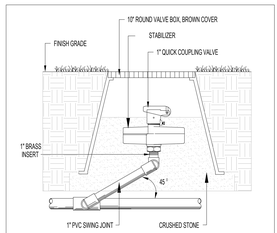
15 24 VOLT ELECTRIC VALVE DETAIL
NO SCALE — 1" VALVE - ATHLETIC FIELDS



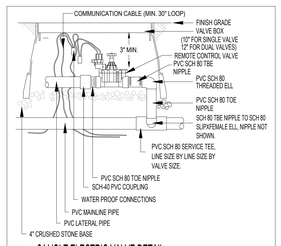
16 24 VOLT ELECTRIC VALVE DETAIL
NO SCALE — 1-1/2", 2" VALVES - ATHLETIC FIELDS



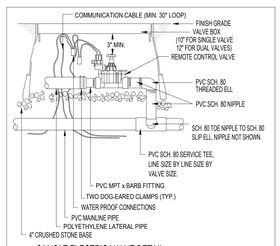
17 MANUAL DRAIN VALVE DETAIL (SIDE VIEW)
NO SCALE



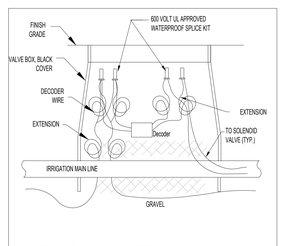
18 QUICK COUPLING VALVE DETAIL
NO SCALE



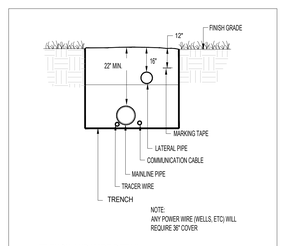
19 24 VOLT ELECTRIC VALVE DETAIL
NO SCALE — POLYETHYLENE LATERALS - SCHOOL LANDSCAPE



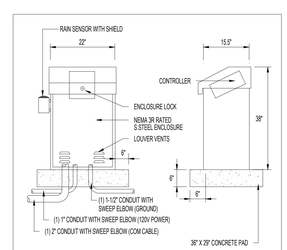
20 24 VOLT ELECTRIC VALVE DETAIL
NO SCALE — PVC LATERALS - SCHOOL LANDSCAPE



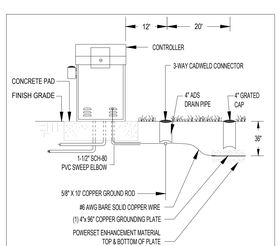
21 DECODER IN VALVE BOX DETAIL
NO SCALE



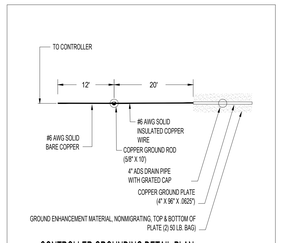
22 TRENCH AND WIRE DETAIL
NO SCALE



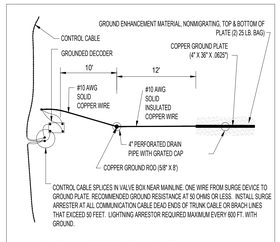
23 OUTDOOR CONTROLLER ENCLOSURE DETAIL
NO SCALE — FIELD CONTROLLER



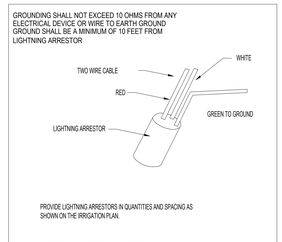
24 CONTROLLER GROUNDING DETAIL-PROFILE
NO SCALE — FIELD CONTROLLER



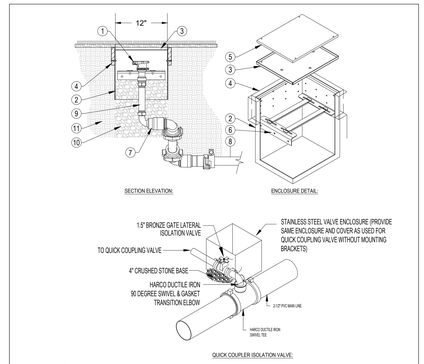
25 CONTROLLER GROUNDING DETAIL-PLAN
NO SCALE



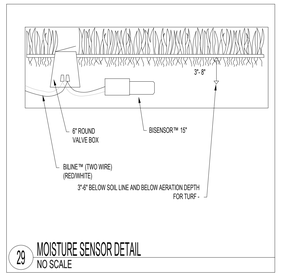
26 LIGHTNING ARRESTOR GROUND DETAIL
NO SCALE



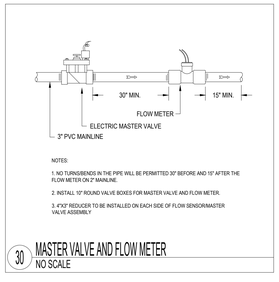
27 LIGHTNING ARRESTOR DETAIL
NO SCALE



28 1-1/2" QUICK COUPLING VALVE INSTALLATION DETAIL
NO SCALE



29 MOISTURE SENSOR DETAIL
NO SCALE



30 MASTER VALVE AND FLOW METER
NO SCALE

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PROJECT NUMBER: 24-0856

SEAL AND SIGNATURE:

MASSACHUSETTS JESSIE A. BROWN REGISTERED LANDSCAPE ARCHITECT NO. 4428

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

SITE PERMITTING PACKAGE
12/19/2025

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:
IRRIGATION DETAILS

SHEET NUMBER:
I2.00

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