

TOWN OF BOXFORD

BOXFORD PUBLIC SCHOOLS SITE RENOVATION PROJECT HARRY LEE COLE SCHOOL

ZONING

SCHOOL: HARRY LEE COLE SCHOOL
 SITE ADDRESS: 26 and 28 MIDDLETON ROAD
 PARCEL MAP/LOT: 32-1-21
 ZONING DISTRICT: O - OFFICIAL OR OPEN SPACE DISTRICT
 OVERLY DISTRICT: NONE

Description	Required	Proposed
Minimum Lot Dimensions		
Area (Acres)	N/A	N/A
Frontage on street	N/A	N/A
Minimum Required Yard Dimensions/Setbacks		
Front Yard (1)	50	N/A
Side Yard	N/A	N/A
Rear Yard	N/A	N/A
Max. Bldg. Height		
Stories	3	N/A
Feet	35	N/A
Coverage (2)		
Building Coverage % of lot area	25%	N/A
Accessory Buildings or Structures		
Min. Bldg. Separation	20	N/A
Side/rear setbacks	20	N/A

WAIVER REQUESTS

- 196-29. NEW DRIVEWAYS**
B(2). DRIVEWAYS: The first 25 feet in from the paved portion of the public way shall have a max slope of 3%; the max driveway slope along the centerline shall be 12%; any slopes over 8% shall be paved. To preserve the stability of the natural topography, no cut or fill in excess of 8 feet of the natural topography shall be allowed within the limits of the driveway cross section.

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- RENDERING FOR ILLUSTRATIVE PURPOSES ONLY -

**-PERMITTING ONLY-
- NOT FOR CONSTRUCTION -**

NOVEMBER 24, 2021

LANDSCAPE ARCHITECTURAL, CIVIL,
ENVIRONMENTAL, ELECTRICAL AND
UTILITY DESIGN:

55 Walkers Brook Drive, Suite 100
Reading, MA 018667
(978) 532 1900

www.westonandsampson.com



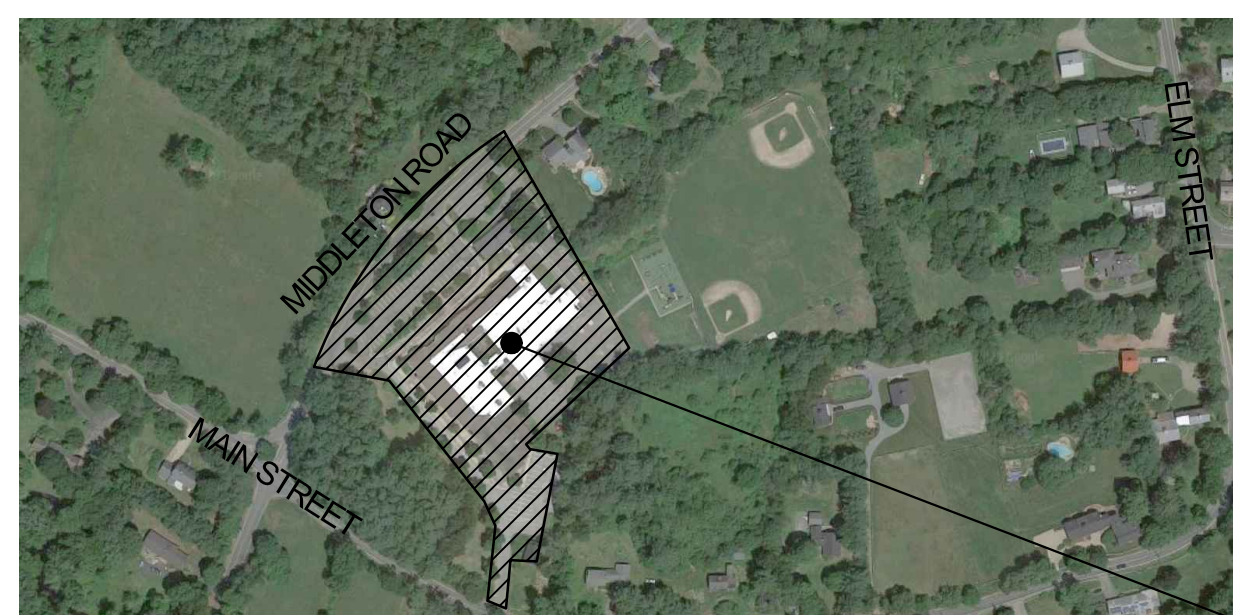
STEVE CLIFFORD, DIRECTOR OF FACILITIES
 BOXFORD PUBLIC SCHOOLS
 28 MIDDLETON ROAD
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 978-887-0771 ext. 225



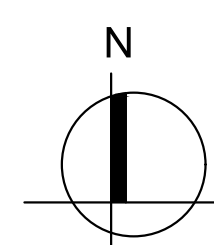
JAMES PEARSON, PE, TECHNICAL SPECIALIST
 55 WALKERS BROOK DRIVE
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 978-532-1900



Locus Map



HARRY LEE COLE SCHOOL
 26 MIDDLETON ROAD, BOXFORD, MA 01921



GENERAL NOTES

- TOPOGRAPHIC AND EXISTING CONDITIONS INFORMATION COMPILED BY WESTON & SAMPSON, OCTOBER 2020.
- REFER TO EXISTING CONDITIONS LEGEND. ANY QUANTITIES SHOWN ON THE PLANS ARE FOR BIDDING PURPOSES ONLY. ALL BIDDERS ARE REQUIRED TO INSPECT THE PROJECT SITE IN ITS ENTIRETY PRIOR TO SUBMITTING THEIR BID, AND BECOME FAMILIAR WITH ALL CONDITIONS AS THEY MAY AFFECT THEIR BID. CONTRACTOR AND SUB-CONTRACTOR SHALL BE FAMILIAR WITH ALL DRAWINGS AND SPECIFICATIONS PRIOR TO COMMENCING THE CONSTRUCTION.
- LOCATIONS OF ANY UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF SUCH UTILITIES, PROTECTING ALL EXISTING UTILITIES AND REPAIRING ANY DAMAGE DONE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE COORDINATION WITH UTILITY COMPANIES AND PUBLIC AGENCIES AND FOR OBTAINING ALL REQUIRED PERMITS AND PAYING ALL REQUIRED FEES. IN ACCORDANCE WITH M.G.L. CHAPTER 82, SECTION 40, INCLUDING AMENDMENTS, CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING PRIOR TO EXCAVATION. CONTRACTOR SHALL ALSO CALL "DIG SAFE" AT (888) 344-7233 NO LESS THAN 72 HOURS, (EXCLUSIVE OF WEEKENDS AND HOLIDAYS), PRIOR TO SUCH EXCAVATION. DOCUMENTATION OF REQUESTS SHALL BE PROVIDED TO PROJECT REPRESENTATIVE PRIOR TO EXCAVATION WORK.
- ANY DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND EXISTING CONDITIONS, EXISTING CONDITIONS TO REMAIN, TEMPORARY CONSTRUCTION, PERMANENT CONSTRUCTION AND WORK OF ADJACENT CONTRACTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING. ITEMS ENCOUNTERED IN AREAS OF EXCAVATION THAT ARE NOT INDICATED ON THE DRAWINGS, BUT ARE VISIBLE ON SURFACE, SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REMOVED AT NO ADDITIONAL COST TO THE OWNER.
- ANY ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE GENERAL CONTRACTOR ON "AS-BUILT" DRAWINGS.
- ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS OUTSIDE THE PROJECT LIMITS, SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NEEDED TO PROTECT HIS EMPLOYEES, AS WELL AS PUBLIC USERS FROM INJURY DURING THE ENTIRE CONSTRUCTION PERIOD AT NO EXPENSE TO THE OWNER USING ALL NECESSARY SAFEGUARDS, INCLUDING BUT NOT LIMITED TO, THE ERECTION OF TEMPORARY WALKS, STRUCTURES, PROTECTIVE BARRIERS, COVERING, OR FENCES AS NEEDED.
- THE CONTRACTOR SHALL SUPPLY THE OWNER WITH THE NAME OF THE OSHA "COMPETENT PERSON" PRIOR TO CONSTRUCTION.
- FILLING OF EXCAVATED AREAS SHALL NOT TAKE PLACE WITHOUT THE PRESENCE OR PERMISSION OF THE OWNER'S REPRESENTATIVE.
- ALL EXISTING DRAINAGE FACILITIES TO REMAIN SHALL BE MAINTAINED FREE OF DEBRIS, SOIL, SEDIMENT, AND FOREIGN MATERIAL AND OPERATIONAL THROUGHOUT THE LIFE OF THE CONTRACT. REMOVE ALL SOIL, SEDIMENT, DEBRIS AND FOREIGN MATERIAL FROM ALL DRAINAGE STRUCTURES.
- CONTRACTOR'S STAGING AREA MUST BE WITHIN THE CONTRACT LIMIT LINE AND/OR IN AREAS APPROVED BY OWNER. ANY OTHER AREAS THAT THE CONTRACTOR MAY WISH TO USE FOR STAGING MUST BE COORDINATED WITH THE OWNER.
- THE CONTRACTOR SHALL KEEP ALL STREETS AND WALKS THAT ARE NOT RESTRICTED FROM PUBLIC USE DURING CONSTRUCTION BROOM CLEAN AT ALL TIMES. THE CONTRACTOR SHALL USE ACCEPTABLE METHODS AND MATERIALS TO MAINTAIN ADEQUATE DUST CONTROL THROUGHOUT CONSTRUCTION.
- ALL WORK TO BE PERFORMED IN ACCORDANCE WITH TOWN OF BOXFORD ORDINANCES.

EROSION AND SEDIMENT CONTROL NOTES

- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE PUT INTO PLACE PRIOR TO BEGINNING ANY CONSTRUCTION OR DEMOLITION, INCLUDING BUT NOT LIMITED TO, DRAINAGE INLETS, MANHOLES AND CATCH BASINS WITHIN THE LIMIT OF WORK AND DRAINAGE STRUCTURES OUTSIDE THE LIMIT OF WORK THAT ARE IMPACTED BY THE WORK FOR THE ENTIRE DURATION OF CONSTRUCTION. REFER TO SPECIFICATIONS AND DETAILS FOR TYPE OF EROSION AND SEDIMENT CONTROL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUAL MAINTENANCE OF ALL CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL MEET ALL OF THE STATE OF MASSACHUSETTS D.E.P. REGULATIONS FOR SEDIMENT AND EROSION CONTROL AT NO ADDITIONAL COST TO THE OWNER.
- EXCAVATED MATERIAL STOCKPILED ON THE SITE SHALL BE SURROUNDED BY A RING OF UNBROKEN SEDIMENT AND EROSION CONTROL FENCE. THE LIMITS OF ALL GRADING AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THE LIMIT OF CONTRACT SHALL REMAIN TOTALLY UNDISTURBED UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
- EROSION CONTROL BARRIERS TO BE INSTALLED AT THE TOE OF SLOPES. SEE SITE PLAN, NOTES, DETAILS AND SPECIFICATIONS.

DEMOLITION & SITE PREPARATION NOTES

- THE CONTRACTOR SHALL INCLUDE IN THE BID THE COST OF REMOVING ANY EXISTING SITE FEATURES AND APPURTENANCES NECESSARY TO ACCOMPLISH THE CONSTRUCTION OF THE PROPOSED SITE IMPROVEMENTS. THE CONTRACTOR SHALL ALSO INCLUDE IN THE BID THE COST NECESSARY TO RESTORE SUCH ITEMS IF THEY ARE SCHEDULED TO REMAIN AS PART OF THE FINAL SITE IMPROVEMENTS. REFER TO PLANS TO DETERMINE EXCAVATION, DEMOLITION AND TO DETERMINE THE LOCATION OF THE PROPOSED SITE IMPROVEMENTS.
- THE OWNER RESERVES THE RIGHT TO REVIEW ALL MATERIALS DESIGNATED FOR REMOVAL AND TO RETAIN OWNERSHIP OF SUCH MATERIALS.
- UNLESS SPECIFICALLY NOTED TO BE REMOVED AND STOCKPILED (R&S) OR REUSED AND RELOCATED (R&R), ALL SITE FEATURES CALLED TO BE REMOVED AND DEMOLISHED (R&D) SHALL BE REMOVED WITH THEIR FOOTINGS, ATTACHMENTS, BASE MATERIAL, ETC. TRANSPORTED FROM THE SITE TO BE DISPOSED OF IN A LAWFUL MANNER AT AN ACCEPTABLE DISPOSAL SITE AND AT NO ADDITIONAL COST TO THE OWNER.
- ALL EXISTING SITE FEATURES TO REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD. ANY FEATURES DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
- DURING EARTHWORK OPERATIONS, CONTRACTOR SHALL TAKE CARE TO NOT DISTURB EXISTING MATERIALS TO REMAIN, OUTSIDE THE LIMITS OF EXCAVATION AND BACKFILL AND SHALL TAKE WHATEVER MEASURES NECESSARY, AT THE CONTRACTOR'S EXPENSE, TO PREVENT ANY EXCAVATED MATERIAL FROM COLLAPSING. ALL BACKFILL MATERIALS SHALL BE PLACED AND COMPACTED AS SPECIFIED TO THE SUBGRADE REQUIRED FOR THE INSTALLATION OF THE REMAINDER OF THE CONTRACT WORK.
- IT SHALL BE THE CONTRACTOR'S OPTION, WITH CONCURRENCE OF THE OWNER'S REPRESENTATIVE, TO REUSE EXISTING GRAVEL PAVEMENT BASE COURSE IF IT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS FOR GRAVEL BORROW.

LAYOUT & MATERIALS NOTES

- COORDINATE ALL LAYOUT ACTIVITIES WITH THE SCOPE OF WORK CALLED FOR BY DEMOLITION, MATERIALS, GRADING AND UTILITIES OPERATIONS ENCOMPASSED BY THIS CONTRACT. SET, PROTECT AND REPLACE REFERENCE STAKES AS NECESSARY OR AS REQUIRED BY THE OWNER'S REPRESENTATIVE.
- THE LAYOUT OF SITE AMENITIES MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- ALL PROPOSED SITE FEATURES SHALL BE LAID OUT AND STAKED FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF INSTALLATION. ANY REQUIRED ADJUSTMENTS TO THE LAYOUT SHALL BE UNDERTAKEN AS DIRECTED, AT NO ADDITIONAL COST TO THE OWNER.
- ALL PROPOSED PAVEMENTS SHALL MEET THE LINE AND GRADE OF EXISTING ADJACENT PAVEMENT SURFACES AND SHALL BE TREATED WITH AN RS-1 TACK COAT AT POINT OF CONNECTION. ALL PATHWAY WIDTHS SHALL BE AS NOTED ON THE LAYOUT AND MATERIALS PLAN.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD MEASUREMENTS OF ALL PROPOSED GATES.
- ALL LAYOUT LINES, OFFSETS, OR REFERENCES TO LOCATING OBJECTS ARE EITHER PARALLEL OR PERPENDICULAR UNLESS OTHERWISE DESIGNATED WITH ANGLE OFFSETS NOTED.
- REFER TO DETAIL DRAWINGS FOR CONSTRUCTION DETAILS.
- ONLY CLEAN FILL SHALL BE USED. CLEAN FILL SHALL BE CLEAR FROM TRASH, DEBRIS, ASPHALT, BRICK, CONCRETE, METAL, WOOD, RECYCLED CONSTRUCTION MATERIALS, OR OTHER DELETERIOUS MATERIALS.
- TO FACILITATE LAYOUT OF PROPOSED SITE FEATURES AND FACILITIES, LAYOUT INFORMATION FOR CERTAIN FUTURE WORK, WHICH IS NOT INCLUDED WITHIN THE SCOPE OF THIS CONTRACT HAS BEEN PROVIDED ON THE LAYOUT AND MATERIALS PLAN FOR INFORMATION ONLY.

GRADING & DRAINAGE NOTES

- ALL WORK RELATING TO INSTALLATION, RENOVATION OR MODIFICATION OF WATER, UTILITY STORMWATER DRAINAGE AND/OR SEPTIC UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS OF THE TOWN, AND STATE OF MASSACHUSETTS.
- THE CONTRACTOR SHALL VERIFY ALL GRADES ON THE GROUND AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER'S REPRESENTATIVE.
- ALL GRADING IS TO BE SMOOTH AND CONTINUOUS WHERE PROPOSED SURFACE MEETS EXISTING SURFACE. BLEND THE TWO PAVEMENTS AND ELIMINATE ROUGH SPOTS AND ABRUPT GRADE CHANGES AND MEET LINE AND GRADE OF EXISTING CONDITIONS WITH NEW IMPROVEMENTS.
- CONTRACTOR SHALL ENSURE ALL AREAS ARE PROPERLY PITCH TO DRAIN, WITH NO SURFACE WATER PONDING OR PUDDLING.
- ALL NEW WALKWAYS MUST CONFORM TO CURRENT AMERICANS WITH DISABILITIES ACT (ADA), AND MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (MAAB) REGULATIONS. WALKWAYS SHALL MAINTAIN A CROSS PITCH OF NOT MORE THAN ONE AND A HALF (1.5%) PERCENT AND THE RUNNING SLOPE (PARALLEL TO THE DIRECTION OF TRAVEL) BETWEEN 1% MIN. AND 4.5% MAX. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
- ALL UTILITY GRATES, COVERS OR OTHER SURFACE ELEMENTS INTENDED TO BE EXPOSED AT GRADE SHALL BE FLUSH WITH THE ADJACENT FINISHED GRADE AND ADJUSTED TO PROVIDE A SMOOTH TRANSITION AT ALL EDGES.
- THE CONTRACTOR SHALL CONFIRM AND/OR SET SUBGRADE ELEVATIONS TO ALLOW FOR POSITIVE DRAINAGE AND PROVIDE EROSION CONTROL DEVICES, STRUCTURES, MATERIALS AND CONSTRUCTION METHODS TO DIRECT SILT MIGRATION AWAY FROM DRAINAGE AND OTHER UTILITY SYSTEMS, PUBLIC/PRIVATE STREETS AND WORK AREAS. CLEAN BASINS REGULARLY AND AT THE END OF THE PROJECT.
- EXCAVATION REQUIRED WITHIN PROXIMITY OF KNOWN 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 ADDITIONAL COST TO THE OWNER.
- WHERE NEW EARTHWORK MEETS EXISTING EARTHWORK, CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDS AT ALL TOP AND BOTTOM OF SLOPES.
- WHERE A SPECIFIC LIMIT OF WORK LINE IS NOT OBVIOUS OR IMPLIED, BLEND GRADES TO EXISTING CONDITIONS WITHIN 5 FEET OF PROPOSED CONTOURS.
- RESTORE ALL DISTURBED AREAS AND LIMITS OF ALL REMOVALS TO LOAM AND SEED (L&S) UNLESS OTHERWISE NOTED.
- SEE EARTHWORK SECTION OF SPECIFICATIONS FOR EXCAVATION AND FILLING PROCEDURES.

PLANTING NOTES

- THE DEPTH OF THE TOPSOIL LOAM FOR ALL PROPOSED LAWN AREAS SHALL BE 6" MINIMUM. ALL DISTURBED AREAS SHALL BE RESTORED WITH LOAM AND SEED UNLESS OTHERWISE NOTED.
- ALL REFERENCES TO LOAM AND SEED REFER TO HYDROMULCH SEEDED LAWN.
- ANY DISCREPANCIES BETWEEN THE PLANS AND THE PLANTING SCHEDULE, CONTRACTOR SHALL OWN THE LARGER QUANTITY AND SIZE AT NO ADDITIONAL COST TO THE OWNER.

ABBREVIATIONS

GENERAL

PROP	PROPOSED
ADJ	ADJUST
BIT. CONC.	BITUMINOUS CONCRETE
CEM. CONC.	CEMENT CONCRETE
B	BASELINE
N.T.S.	NOT TO SCALE
B.M.	BENCH MARK
ABAN	ABANDON
GRAN. CURB	GRANITE CURB
EXIST. (OR EX.)	EXISTING
FDN	FOUNDATION
F.L. (OR F)	FLOW LINE
P	PROPERTY LINE
P/VMT	PAVEMENT
RC	REINFORCED CONCRETE
REM	REMOVE
RET	RETAIN
R.O.W.	RIGHT-OF-WAY
R&R	REMOVE AND RELOCATE
R,R&R	REMOVE, RELOCATED AND RESET
R&S	REMOVE AND SALVAGE
R&D	REMOVE AND DISPOSE
P&P	PRESERVE AND PROTECT
SB	STONE BOUND
NIC	NOT IN CONTRACT
H.C.	HANDICAP
WCR	WHEELCHAIR RAMP
HMA	HOT MIX ASPHALT
G.C.	GENERAL CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR

UTILITIES

GICI	GUTTER INLET W/ CURB INLET
CBICI	CATCH BASIN W/ CURB INLET
CB	CATCH BASIN
C.I.T.	CHANGE IN TYPE
F&G	FRAME AND GRATE
F&C	FRAME AND COVER
CI	CURB INLET
CIP	CAST IRON PIPE
CMP	CORRUGATED METAL PIPE
DI	DUCTILE IRON PIPE
GI	GUTTER INLET
HYD	HYDRANT
INV.	INVERT ELEVATION
UP	UTILITY POLE
SMH	SEWER MANHOLE
WG	WATER GATE
DS	DOWN SPOUT
HDPE	HIGH DENSITY POLYETHYLENE PIPE
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
DMH	DRAIN MANHOLE
LB	LEACHING BASIN
CI	CAST IRON
OGS	OUTLET CONTROL STRUCTURE
OCT	OIL AND GRIT TRAP
VC	VITRIFIED CLAY PIPE
LP	LIGHT POLE
SWTU	STORM WATER TREATMENT UNIT
HH	HANDHOLE

ALIGNMENT/GRADING

BW	BOTTOM OF WALL
BC	BOTTOM OF CURB
PI	POINT OF INTERSECTION
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVC	POINT OF VERTICAL CURVATURE
PVT	POINT OF VERTICAL TANGENCY
ELEV	ELEVATION
CC	CENTER OF CURVE
H.P.	HIGH POINT
L.P.	LOW POINT
R	RADIUS OF CURVATURE
STA	STATION
S.S.D.	STOPPING SIGHT DISTANCE
TC	TOP OF CURB
TW	TOP OF WALL
CL	CENTER LINE

Project:
BOXFORD PUBLIC
SCHOOLS SITE
RENOVATION PROJECT



HARRY LEE COLE SCHOOL
26 AND 28 MIDDLETON ROAD
BOXFORD, MA 01921



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Consultants:

Revisions:

No.	Date	Description
1	08/24/21	PER REVISED LAYOUT
2	11/01/21	PER PEER REVIEW
3	11/24/21	PER REVIEW COMMENTS

Seal:



JAMES I. PEARSON
CIVIL
No. 50675
REGISTERED
PROFESSIONAL ENGINEER
11/30/2021

Issued For:

PERMITTING ONLY
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Scale: AS SHOWN

Date: MAY 13, 2021

Drawn By: EJA

Reviewed By: CB

Approved By: JIP

W&S Project No.: ENG20-0865
W&S File No.:

Drawing Title:

LEGEND,
GENERAL NOTES
& SYMBOLS

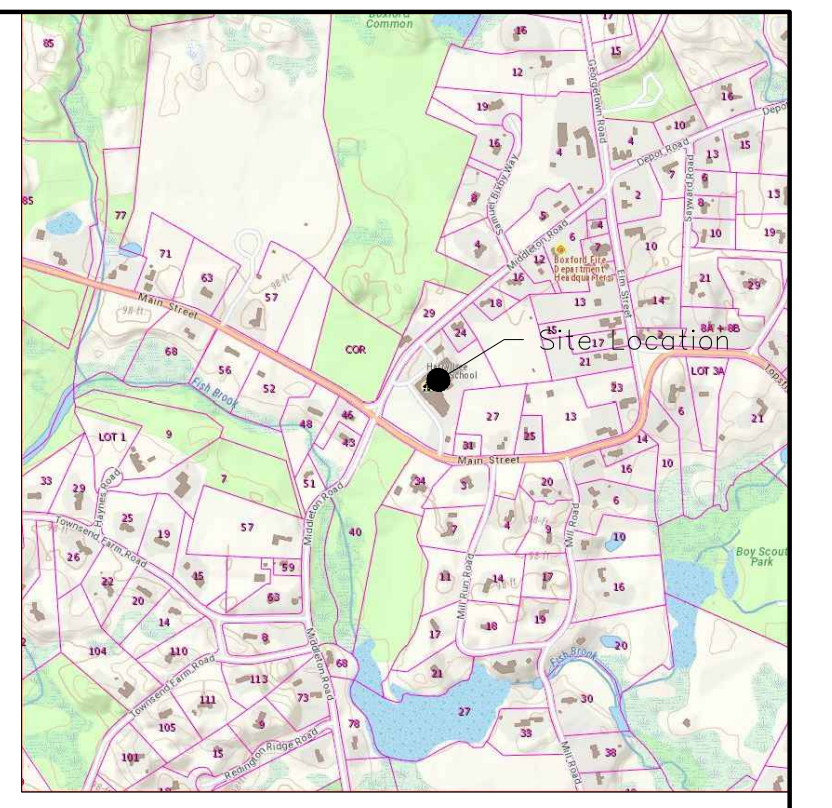
Sheet Number:

C001

Match Line
(See Sheet 2)

LANDS N/F
TOWN OF BOXFORD
28 MIDDLETON ROAD
AREA = 346226.28
SQ.FT. (7.948 ACRES)

LANDS N/F
RUSSELL GORDON
27 MAIN STREET
BK 35595 PG 291



LOCATION MAP
NOT TO SCALE

SURVEY NOTES:

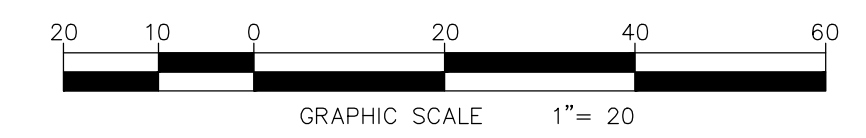
1. UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND RECORD DRAWINGS AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES.
2. SURVEY PERFORMED BY WESTON & SAMPSON ENGINEERS IN OCTOBER 2020.
3. CONTOURS AND ELEVATIONS SHOWN BASED ON GPS OBSERVATIONS ON NAVD83 VERTICAL DATUM.
4. NORTH ORIENTATION IS BASED ON GPS OBSERVATIONS TAKEN AT THE TIME OF THE FIELD SURVEY. MAPPING PREPARED ON NAD83 STATE PLANE COORDINATE SYSTEM (MASSACHUSETTS MAINLAND).
5. STREETLINE ALONG MIDDLETON ROAD, AS DEPICTED HEREON, IS FROM THE MAP REFERENCE 1. NO RECORD LAYOUT FOR MIDDLETON ROAD WAS FOUND ON FILE.

LANDS N/F
RUSSELL GORDON
31 MAIN STREET
BK 35595 PG 293

Benchmark "B"
Mag Nail in
12" Tree
Elev. = 93.13'

EXISTING CONDITIONS LEGEND

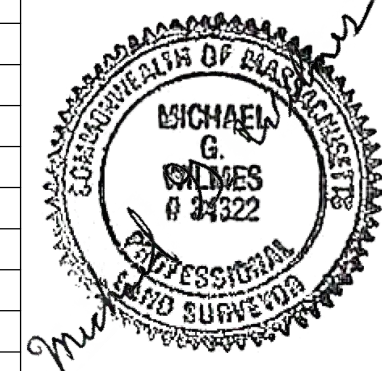
- | | | | |
|---|---|--|---|
| <ul style="list-style-type: none"> — EDGE OF WOODS — DECIDUOUS TREE — CONIFEROUS TREE — SHRUB/BUSH — SIGN — UTILITY POLE — LIGHT POLE — HYDRANT — WATER SHUTOFF — MONUMENT — IRON PIN / IRON ROD — HANDICAP SPACE | <ul style="list-style-type: none"> — ST — STORM SEWER LINE — S — SANITARY SEWER LINE — W — WATER LINE — G — GAS LINE — SIG — SIGNAL WIRE LINE — C — CABLE LINE — FO — FIBER OPTIC LINE — LPS — LOW PRESSURE SEWER LINE — E — ELECTRIC LINE — OHU — OVERHEAD UTILITIES — T — TELEPHONE LINE — S — SANITARY MANHOLE (SMH) — DMH — DRAINAGE MANHOLE (DMH) — CB — CATCHBASIN (CB) — M — METAL POST/BOLLARD (BOL) | <ul style="list-style-type: none"> — H — HAND HOLE — E — ELEC. METER — G — GAS METER — P — PROPERTY LINE — E — EASEMENT — 10 — MAJOR CONTOUR LINE — 5 — MINOR CONTOUR LINE — W/F — WOOD FRAMED — CH — CHAIN LINK FENCE — W — WOOD FENCE — X — FENCE — CD — CLEANDOUT — MW — MONITORING WELL — ST — STONEWALL | <ul style="list-style-type: none"> — EM — ELECTRIC MANHOLE (MHE) — UM — UNKNOWN MANHOLE — TM — TELEPHONE MANHOLE (MHT) — V — VENT PIPE — CNO — COULD NOT OPEN — F — FLOW DIRECTION — MCN — MAGNETIC CONCRETE NAIL — WLF #FOB1 — WETLAND FLAG (DELINEATED BY OTHERS) — WET-TR — WETLAND LINE — E — EDGE OF WATER (BY AERIAL IMAGE) — EP — ELECTRIC PEDESTAL — GW — GUY WIRE — FFE — FINISHED FLOOR ELEVATION — SE — SPOT ELEVATION — MB — MAILBOX |
|---|---|--|---|



I CERTIFY THAT THE PROPERTY LINES SHOWN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND THAT NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

Michael G. Wilmes 11/11/20
Michael G. Wilmes, L.S. 34322 Date

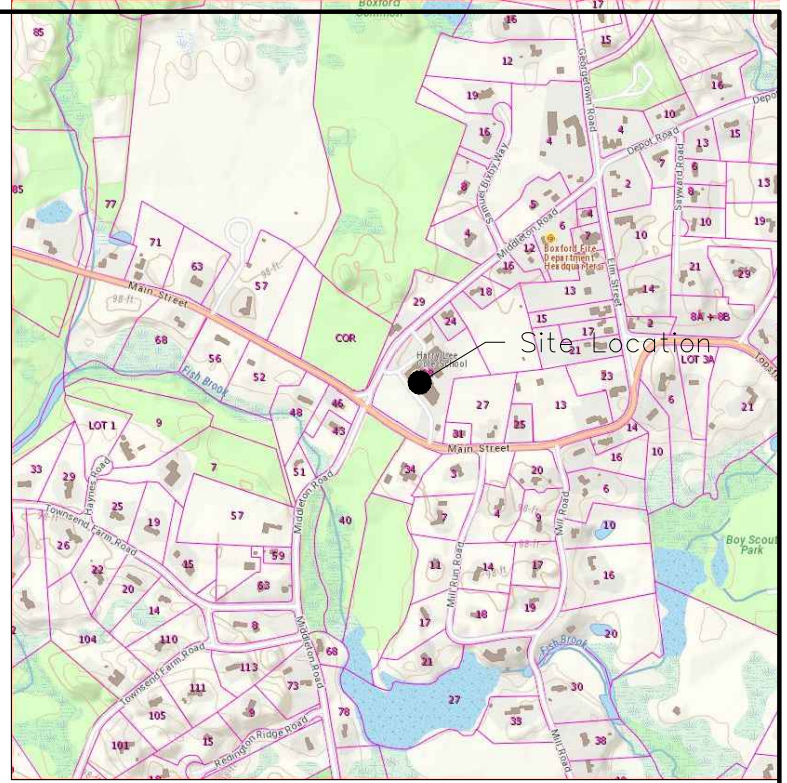
REVISIONS	
DATE	DESCRIPTION



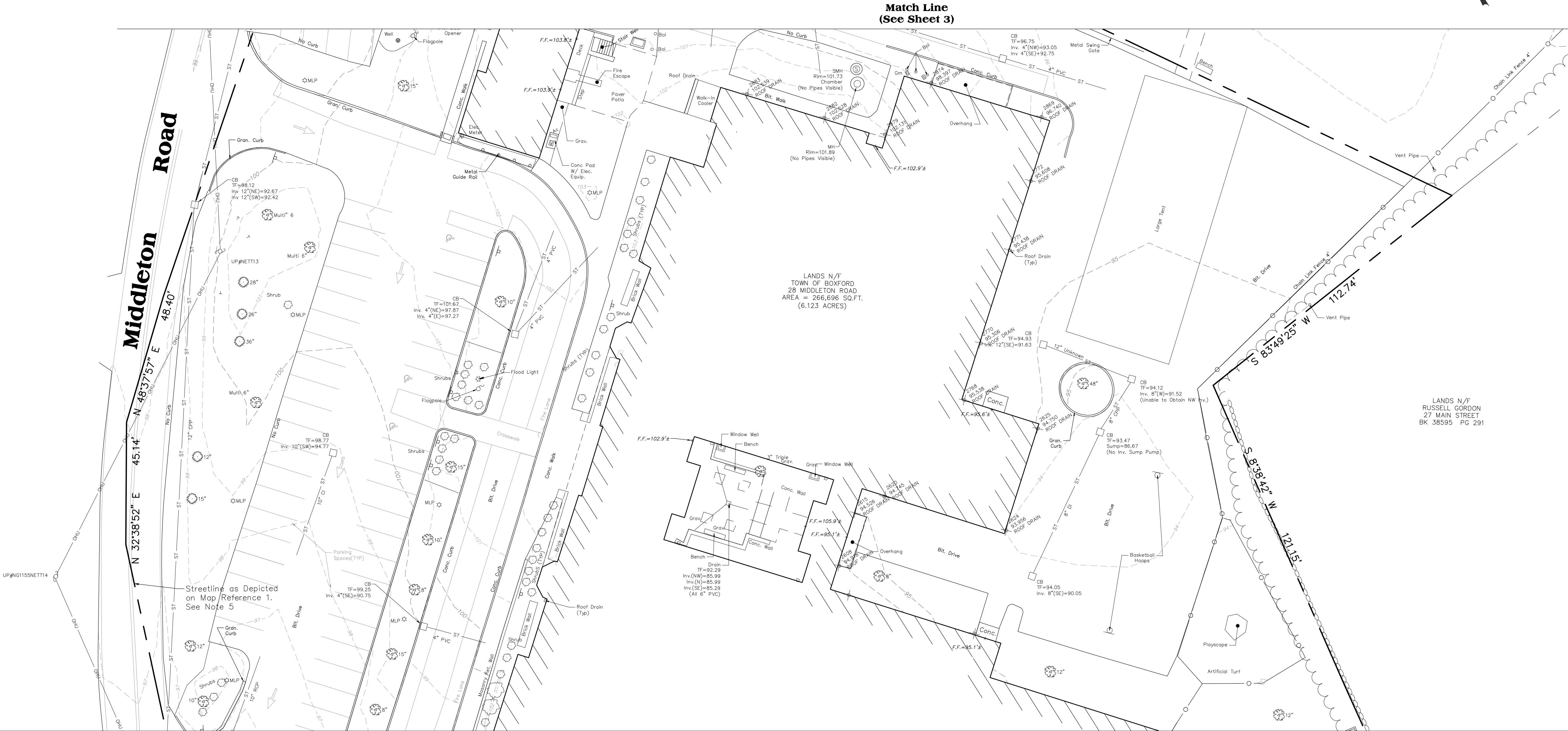
BOUNDARY AND TOPOGRAPHIC MAP OF
LANDS OF TOWN OF BOXFORD
HARRY LEE COLE SCHOOL
TOWN OF BOXFORD
COUNTY OF ESSEX COMMONWEALTH OF MASSACHUSETTS

Weston & Sampson
55 Walkers Brook Drive, Suite 100, Reading, MA 01867

CAD FILE:
ENG20-0870 Harry Lee Cole
DATE: NOV. 11, 2020 SHEET 1 OF 3
SCALE: 1"=20' DRAWING NO. C 002



LOCATION MAP
NOT TO SCALE



Match Line
(See Sheet 3)

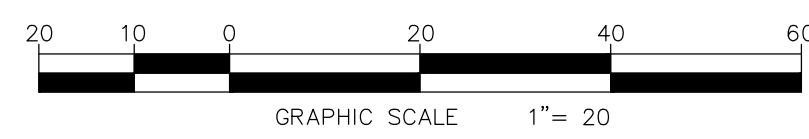
Match Line
(See Sheet 1)

LANDS N/F
TOWN OF BOXFORD
28 MIDDLETON ROAD
AREA = 266,696 SQ.FT.
(6.123 ACRES)

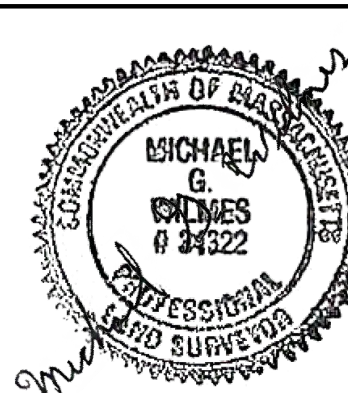
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RUSSELL GORDON
27 MAIN STREET
BK 38595 PG 291

EXISTING CONDITIONS LEGEND

- | | | | | |
|--|-----|--------------------------|--|--------------------|
| | ST | STORM SEWER LINE | | HAND HOLE |
| | S | SANITARY SEWER LINE | | ELEC. METER |
| | W | WATER LINE | | GAS METER |
| | G | GAS LINE | | PROPERTY LINE |
| | SIG | SIGNAL WIRE LINE | | EASEMENT |
| | C | CABLE LINE | | MAJOR CONTOUR LINE |
| | FO | FIBER OPTIC LINE | | MINOR CONTOUR LINE |
| | LPS | LOW PRESSURE SEWER LINE | | WOOD FRAMED |
| | E | ELECTRIC LINE | | CHAIN LINK FENCE |
| | OHU | OVERHEAD UTILITIES | | WOOD FENCE |
| | T | TELEPHONE LINE | | FENCE |
| | | SANITARY MANHOLE (SMH) | | CLEANOUT |
| | | DRAINAGE MANHOLE (DMH) | | MONITORING WELL |
| | | CATCHBASIN (CB) | | STONEWALL |
| | | METAL POST/BOLLARD (BOL) | | |



REVISIONS	
DATE	DESCRIPTION



(SEE SHEET 1 FOR SURVEY NOTES)

BOUNDARY AND TOPOGRAPHIC MAP OF
**LANDS OF TOWN OF BOXFORD
HARRY LEE COLE SCHOOL**
TOWN OF BOXFORD

COUNTY OF ESSEX COMMONWEALTH OF MASSACHUSETTS

Weston & Sampson
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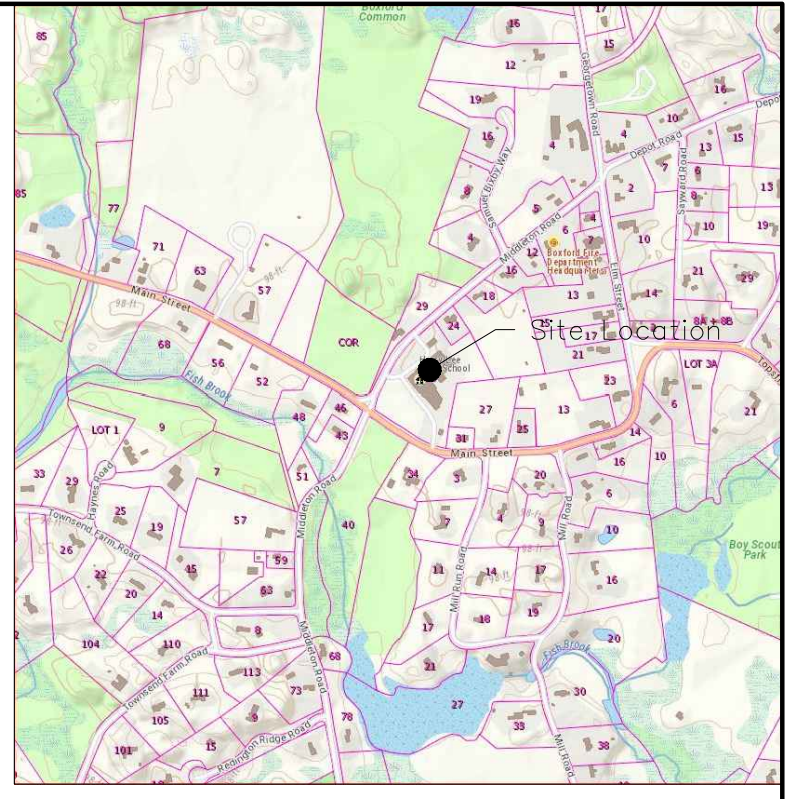
CAD FILE: ENG20-0870 Harry Lee Cole
DATE: NOV. 11, 2020 SHEET 2 OF 3
SCALE: 1"=20' DRAWING No. C 003

I CERTIFY THAT THE PROPERTY LINES SHOWN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND THAT NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

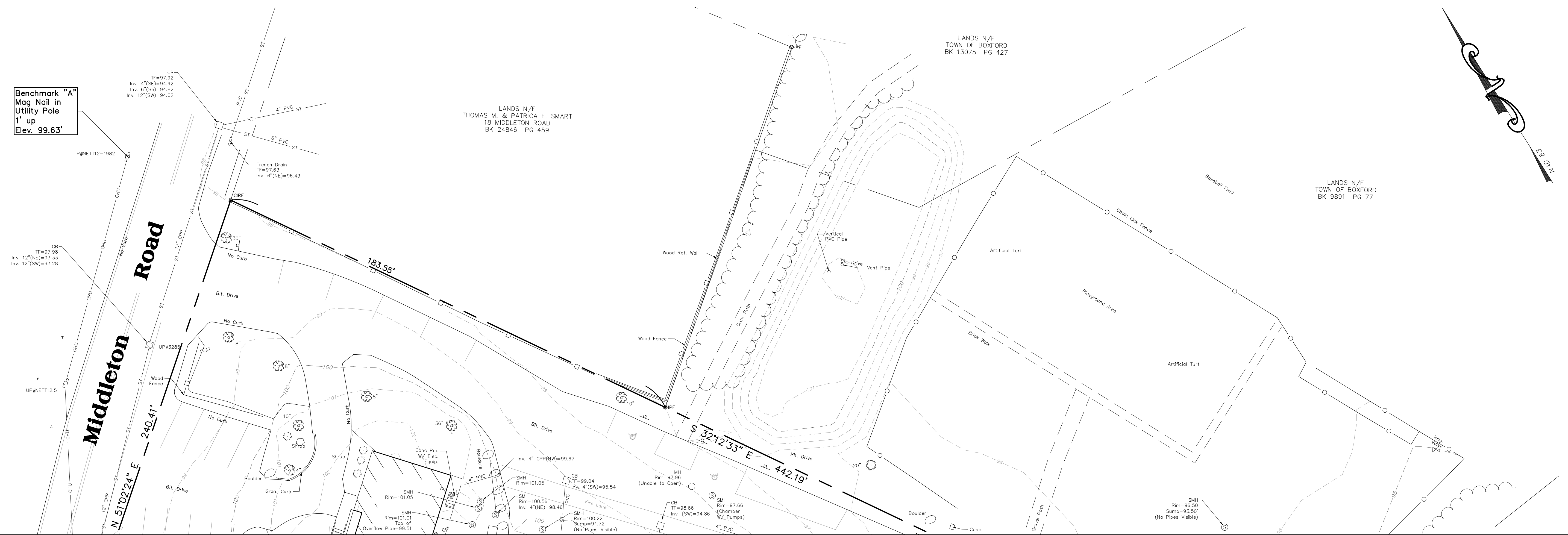
Michael G. Wilmes 11/11/20
Michael G. Wilmes, L.S. 34322 Date

EXISTING CONDITIONS LEGEND

- EDGE OF WOODS
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB/BUSH
- SIGN
- UTILITY POLE
- LIGHT POLE
- HYDRANT
- WATER SHUTOFF
- GAS VALVE
- WATER VALVE
- MONUMENT
- IRON PIN / IRON ROD
- HANDICAP SPACE
- HAND HOLE
- ELEC. METER
- GAS METER
- PROPERTY LINE
- EASEMENT
- 10' MAJOR CONTOUR LINE
- 5' MINOR CONTOUR LINE
- W/F WOOD FRAMED
- CHAIN LINK FENCE
- WOOD FENCE
- FENCE
- CLEANOUT
- MONITORING WELL
- STONEWALL
- ST STORM SEWER LINE
- S SANITARY SEWER LINE
- W WATER LINE
- G GAS LINE
- SIG SIGNAL WIRE LINE
- C CABLE LINE
- FO FIBER OPTIC LINE
- LPS LOW PRESSURE SEWER LINE
- E ELECTRIC LINE
- OHU OVERHEAD UTILITIES
- T TELEPHONE LINE
- S (S) SANITARY MANHOLE (SMH)
- D (D) DRAINAGE MANHOLE (DMH)
- CB (CB) CATCHBASIN (CB)
- (○) METAL POST/BOLLARD (BOL)
- ⊕ (⊕) ELECTRIC MANHOLE (WHE)
- ⊙ (⊙) UNKNOWN MANHOLE
- ⊕ (⊕) TELEPHONE MANHOLE (MHT)
- (○) VENT PIPE
- (○) COULD NOT OPEN
- FLOW DIRECTION
- MAG NAIL MAGNETIC CONCRETE NAIL
- WLF #10B1 WETLAND FLAG (DELINEATED BY OTHERS)
- WET-TR WETLAND LINE
- EDGE OF WATER (BY AERIAL IMAGE)
- ELECTRIC PEDESTAL
- GUY WIRE
- F.F. = 317.2' ± x FINISHED FLOOR ELEVATION
- x 318.5' SPOT ELEVATION
- MB MAILBOX

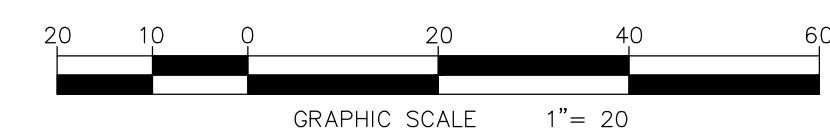


LOCATION MAP
NOT TO SCALE



Benchmark "A"
Mag Nail in
Utility Pole
1' up
Elev. 99.63'

Match Line
(See Sheet 2)



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Michael G. Wilmes 11/11/20
Michael G. Wilmes, L.S. 34322 Date

REVISIONS	
DATE	DESCRIPTION



(SEE SHEET 1 FOR SURVEY NOTES)

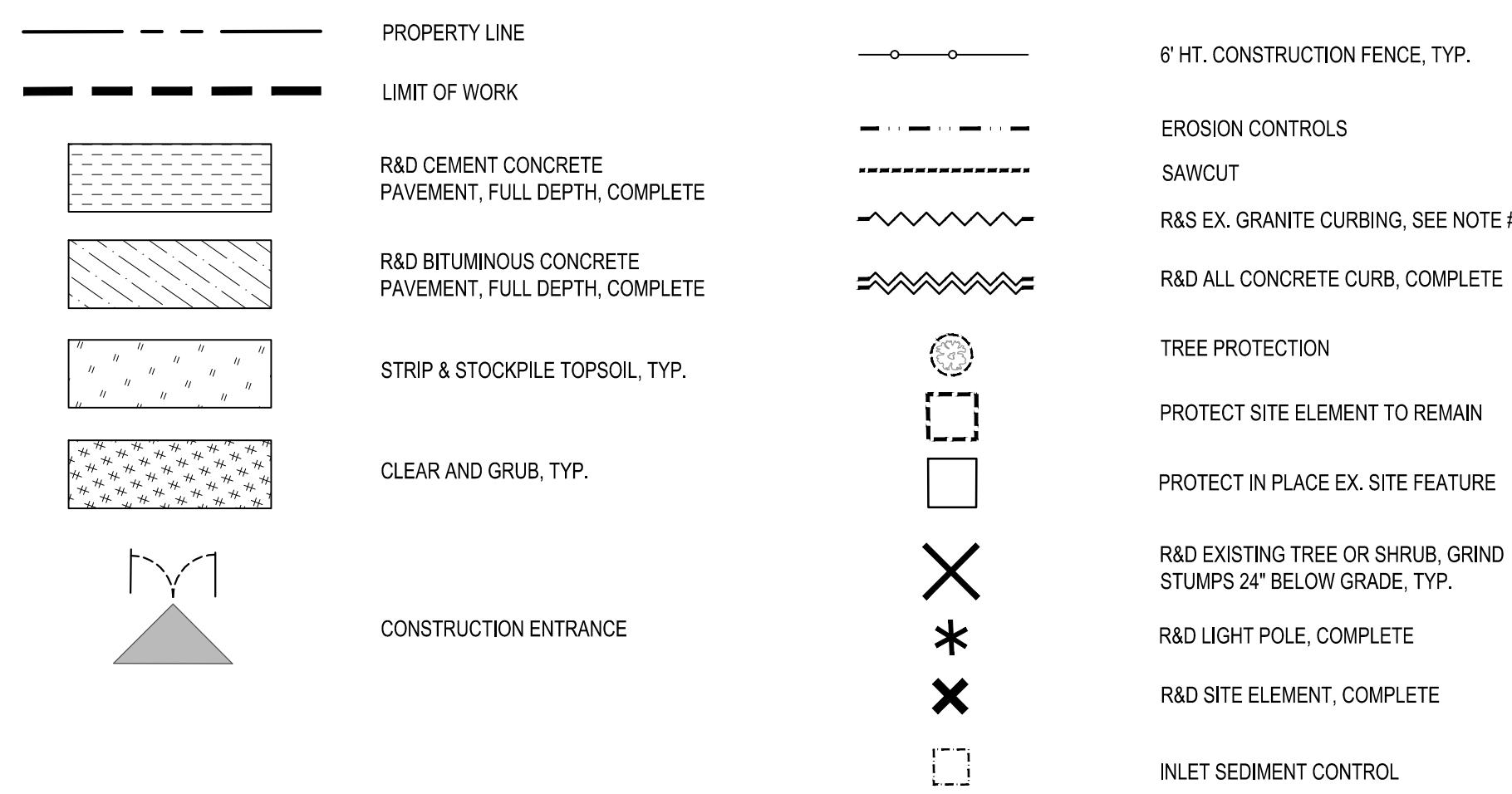
BOUNDARY AND TOPOGRAPHIC MAP OF
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TOWN OF BOXFORD

COUNTY OF ESSEX COMMONWEALTH OF MASSACHUSETTS

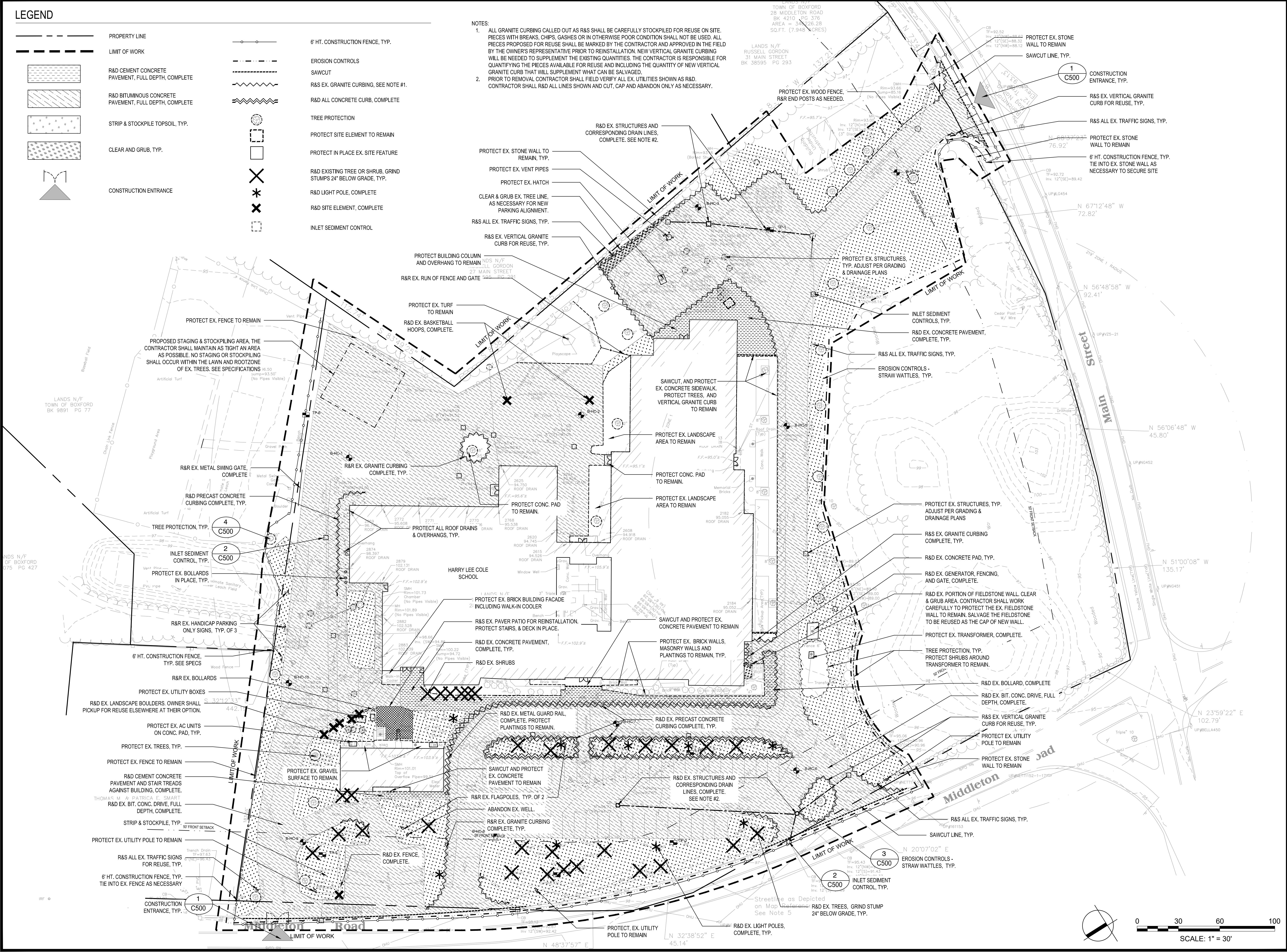
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CAD FILE: ENG20-0870 Harry Lee Cole
DATE: NOV. 11, 2020 SHEET 3 OF 3
SCALE: 1"=20' DRAWING NO. C 004

LEGEND



- NOTES:**
- ALL GRANITE CURBING CALLED OUT AS R&S SHALL BE CAREFULLY STOCKPILED FOR REUSE ON SITE. PIECES WITH BREAKS, CHIPS, GASHES OR IN OTHERWISE POOR CONDITION SHALL NOT BE USED. ALL PIECES PROPOSED FOR REUSE SHALL BE MARKED BY THE CONTRACTOR AND APPROVED IN THE FIELD BY THE OWNER'S REPRESENTATIVE PRIOR TO REINSTALLATION. NEW VERTICAL GRANITE CURBING WILL BE NEEDED TO SUPPLEMENT THE EXISTING QUANTITIES. THE CONTRACTOR IS RESPONSIBLE FOR QUANTIFYING THE PIECES AVAILABLE FOR REUSE AND INCLUDING THE QUANTITY OF NEW VERTICAL GRANITE CURB THAT WILL SUPPLEMENT WHAT CAN BE SALVAGED.
 - PRIOR TO REMOVAL CONTRACTOR SHALL FIELD VERIFY ALL EX. UTILITIES SHOWN AS R&D. CONTRACTOR SHALL R&D ALL LINES SHOWN AND CUT, CAP AND ABANDON ONLY AS NECESSARY.



Project: **BOXFORD PUBLIC SCHOOLS SITE RENOVATION PROJECT**

HARRY LEE COLE SCHOOL
26 AND 28 MIDDLETON ROAD
BOXFORD, MA 01921

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No.	Date	Description
1	08/24/21	PER REVISED LAYOUT
2	11/01/21	PER PEER REVIEW
3	11/24/21	PER REVIEW COMMENTS

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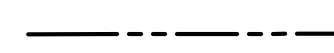

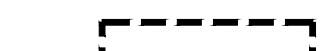
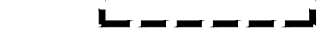

Scale: AS SHOWN
Date: MAY 13, 2021
Drawn By: EJA
Reviewed By: CB
Approved By: JIP

W&S Project No.: ENG20-0865
W&S File No.:

SITE PREPARATION & EROSION & SEDIMENT CONTROL PLAN

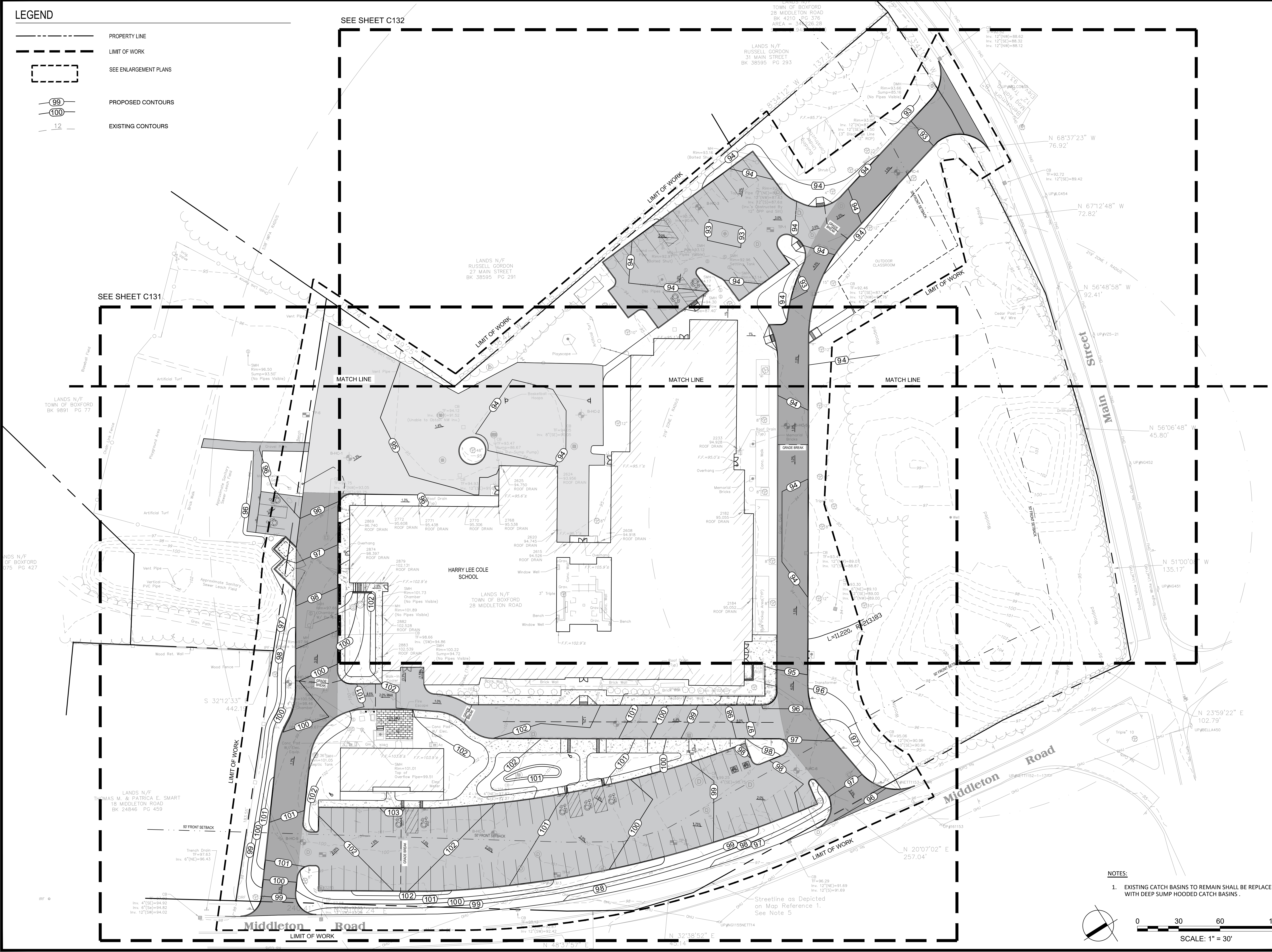
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C110

LEGEND

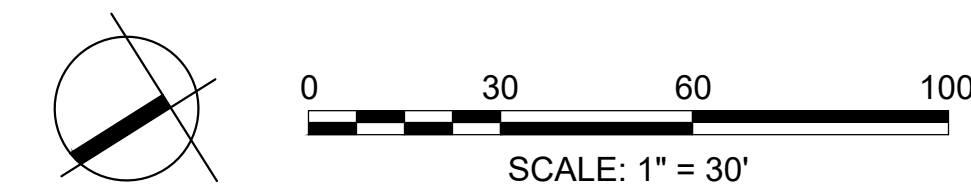
-  PROPERTY LINE
-  LIMIT OF WORK
-  SEE ENLARGEMENT PLANS
-  PROPOSED CONTOURS
-  EXISTING CONTOURS

SEE SHEET C132

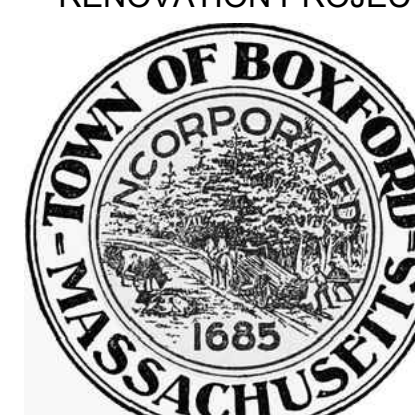
SEE SHEET C131



- NOTES:**
- EXISTING CATCH BASINS TO REMAIN SHALL BE REPLACED WITH DEEP SUMP HOODED CATCH BASINS.



Project:
BOXFORD PUBLIC SCHOOLS SITE RENOVATION PROJECT



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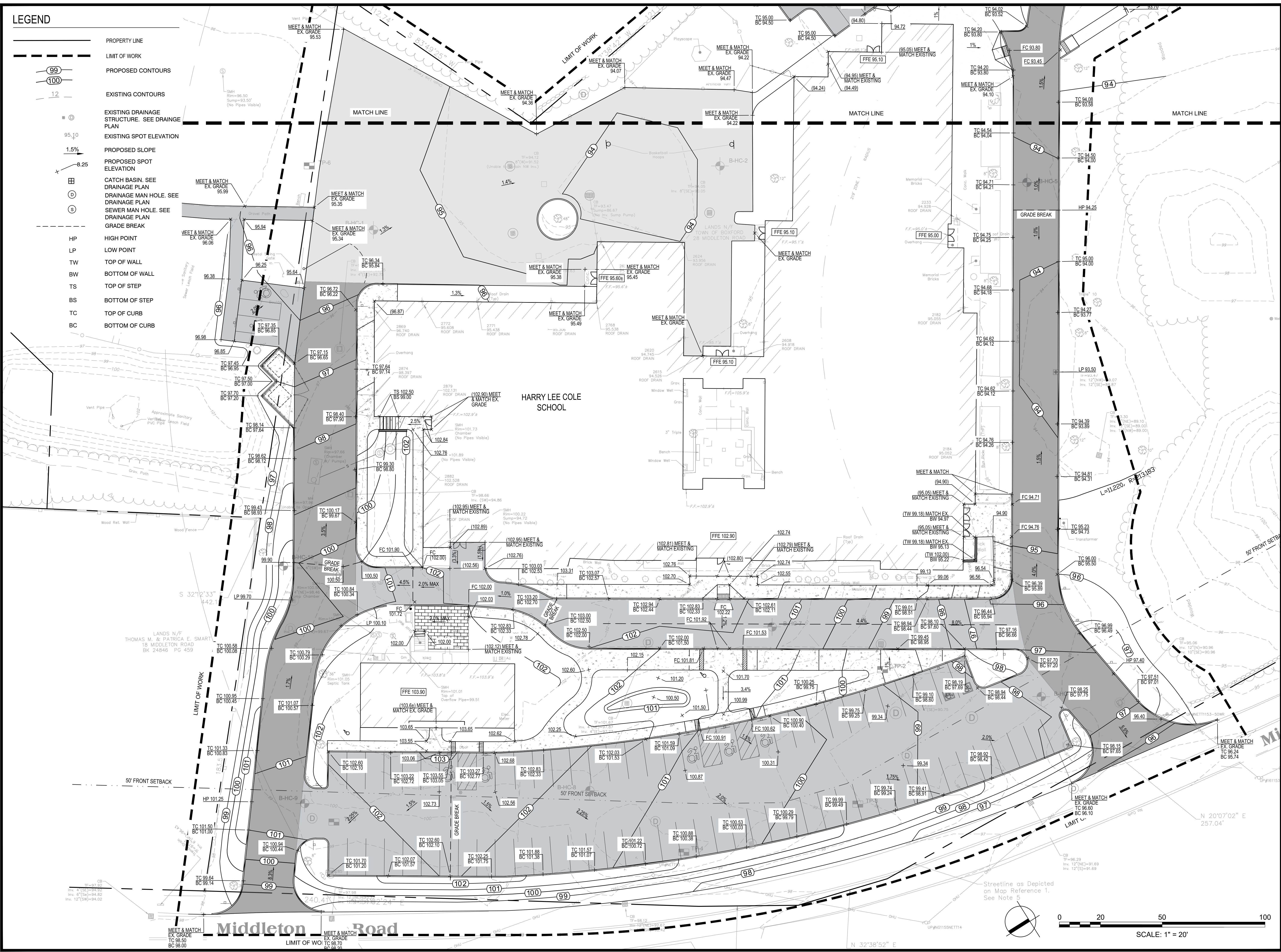
**OVERALL
 GRADING PLAN**

Sheet Number:

C130

LEGEND

	PROPERTY LINE
	LIMIT OF WORK
	PROPOSED CONTOURS
	EXISTING CONTOURS
	EXISTING DRAINAGE STRUCTURE. SEE DRAINAGE PLAN
	EXISTING SPOT ELEVATION
	PROPOSED SLOPE
	PROPOSED SPOT ELEVATION
	CATCH BASIN. SEE DRAINAGE PLAN
	DRAINAGE MAN HOLE. SEE DRAINAGE PLAN
	SEWER MAN HOLE. SEE DRAINAGE PLAN
	GRADE BREAK
	HIGH POINT
	LOW POINT
	TOP OF WALL
	BOTTOM OF WALL
	TOP OF STEP
	BOTTOM OF STEP
	TOP OF CURB
	BOTTOM OF CURB



Project: **BOXFORD PUBLIC SCHOOLS SITE RENOVATION PROJECT**

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 CIVIL
 No. 50675
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 Approved By: JRF

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 W/S File No.:

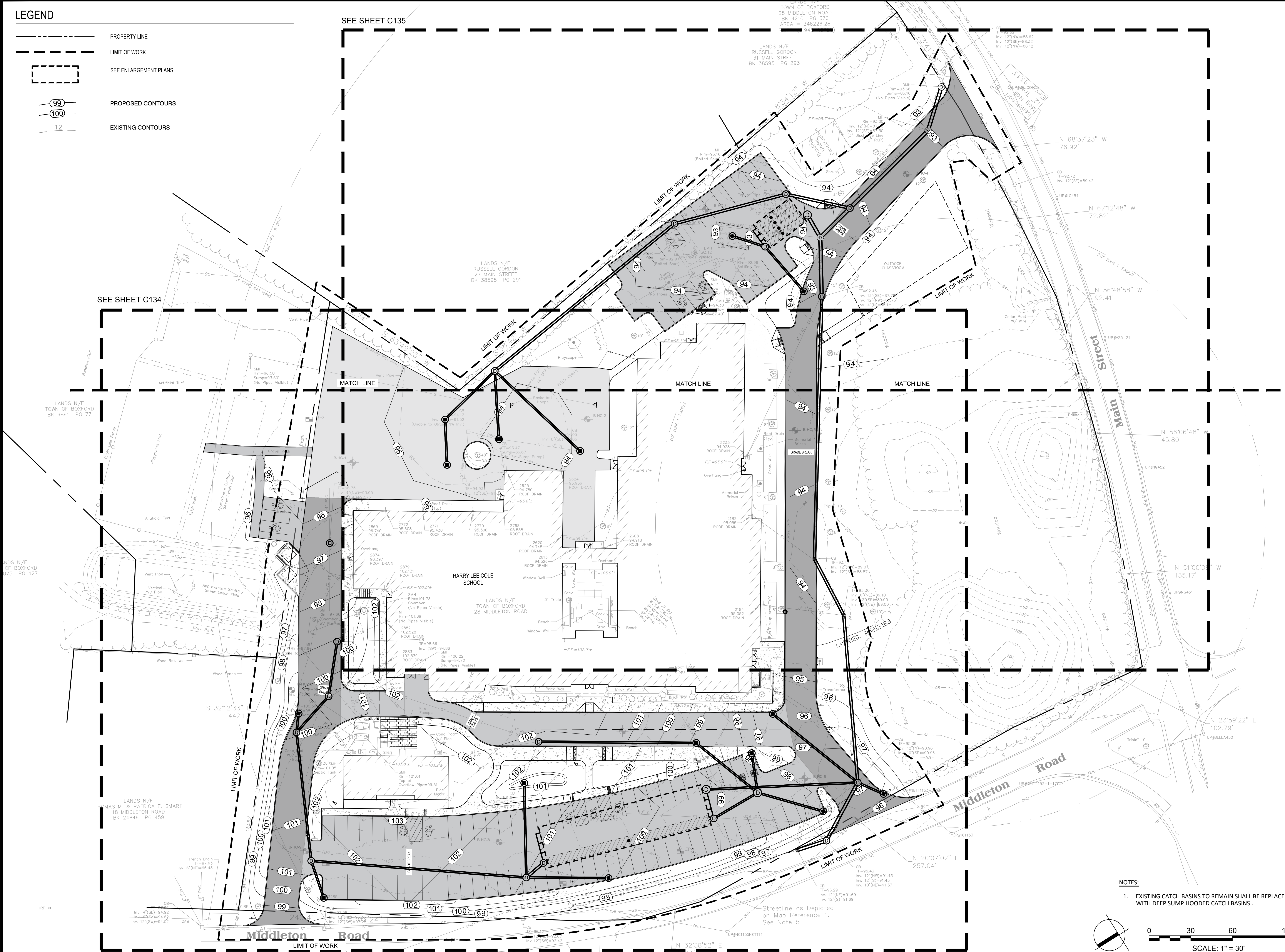
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GRADING ENLARGEMENT PLAN
 Sheet Number:
C131

LEGEND

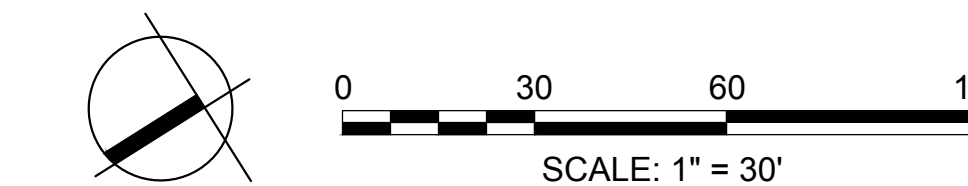
- PROPERTY LINE
- LIMIT OF WORK
- SEE ENLARGEMENT PLANS
- PROPOSED CONTOURS
- EXISTING CONTOURS

SEE SHEET C135

SEE SHEET C134



- NOTES:**
- EXISTING CATCH BASINS TO REMAIN SHALL BE REPLACED WITH DEEP SUMP HOODED CATCH BASINS.



Project:
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 BOXFORD, MA 01921

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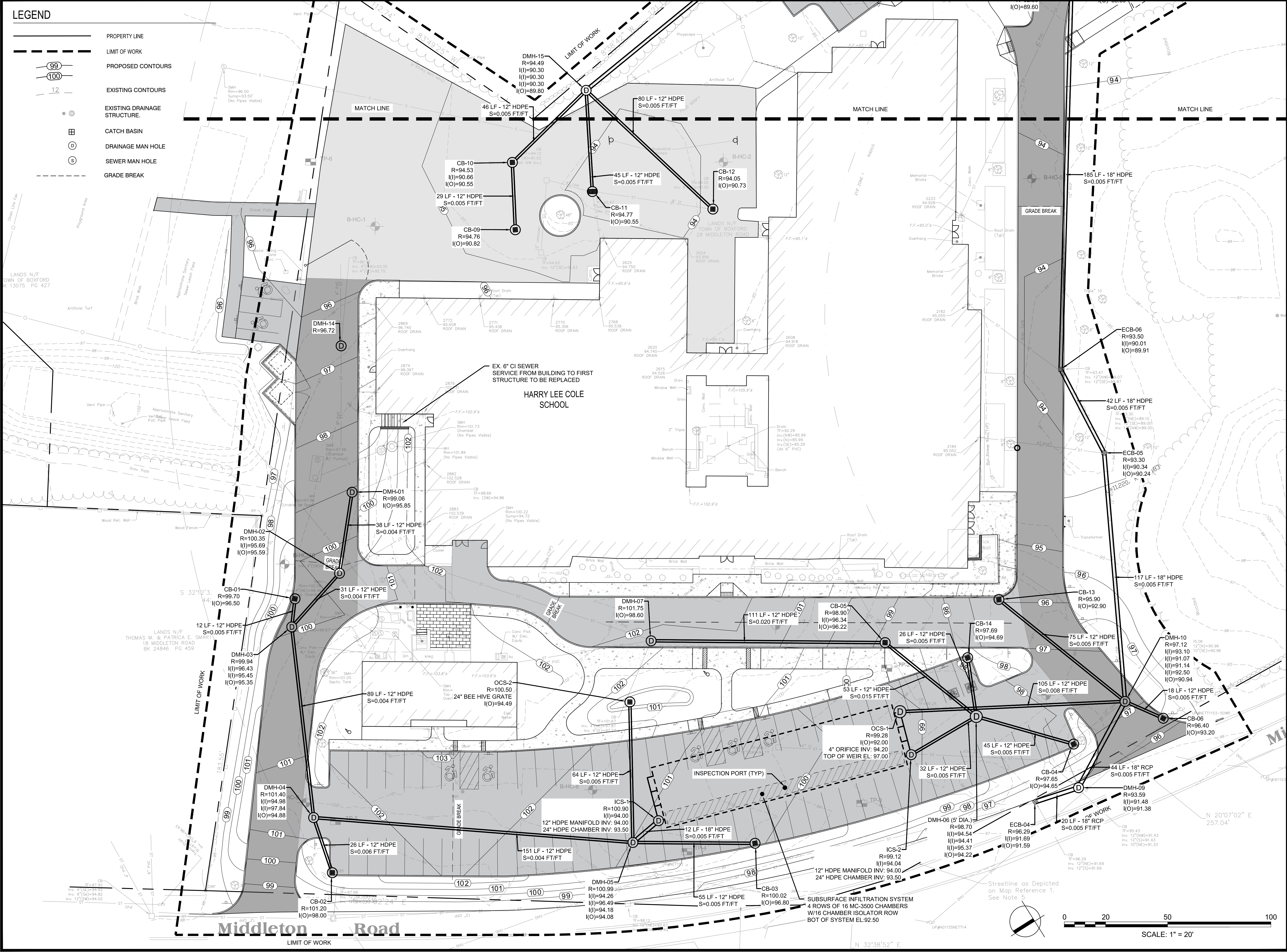
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DRAINAGE PLAN

Sheet Number:

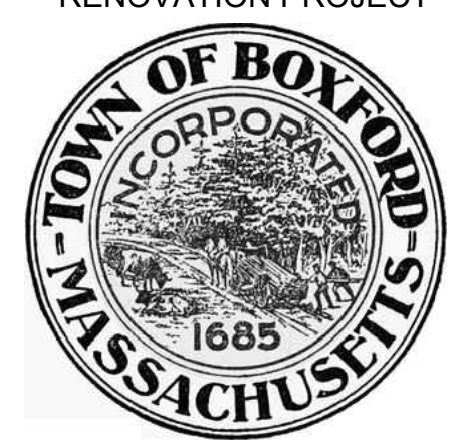
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LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- PROPOSED CONTOURS
- EXISTING CONTOURS
- EXISTING DRAINAGE STRUCTURE
- CATCH BASIN
- DRAINAGE MAN HOLE
- SEWER MAN HOLE
- GRADE BREAK

Project: **BOXFORD PUBLIC SCHOOLS SITE RENOVATION PROJECT**



TOWN OF BOXFORD
BOXFORD, MA 01921

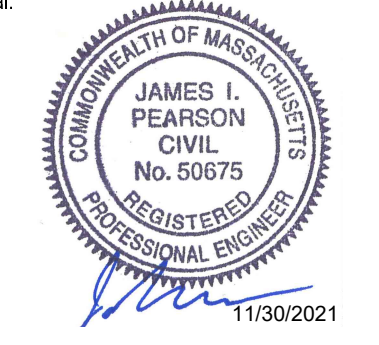
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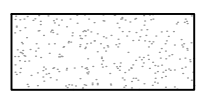
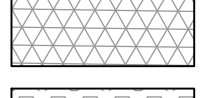
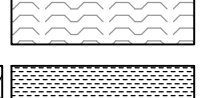
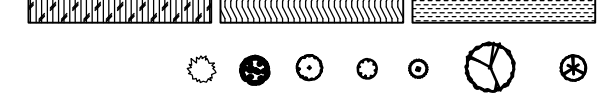


DRAINAGE ENLARGEMENT PLAN

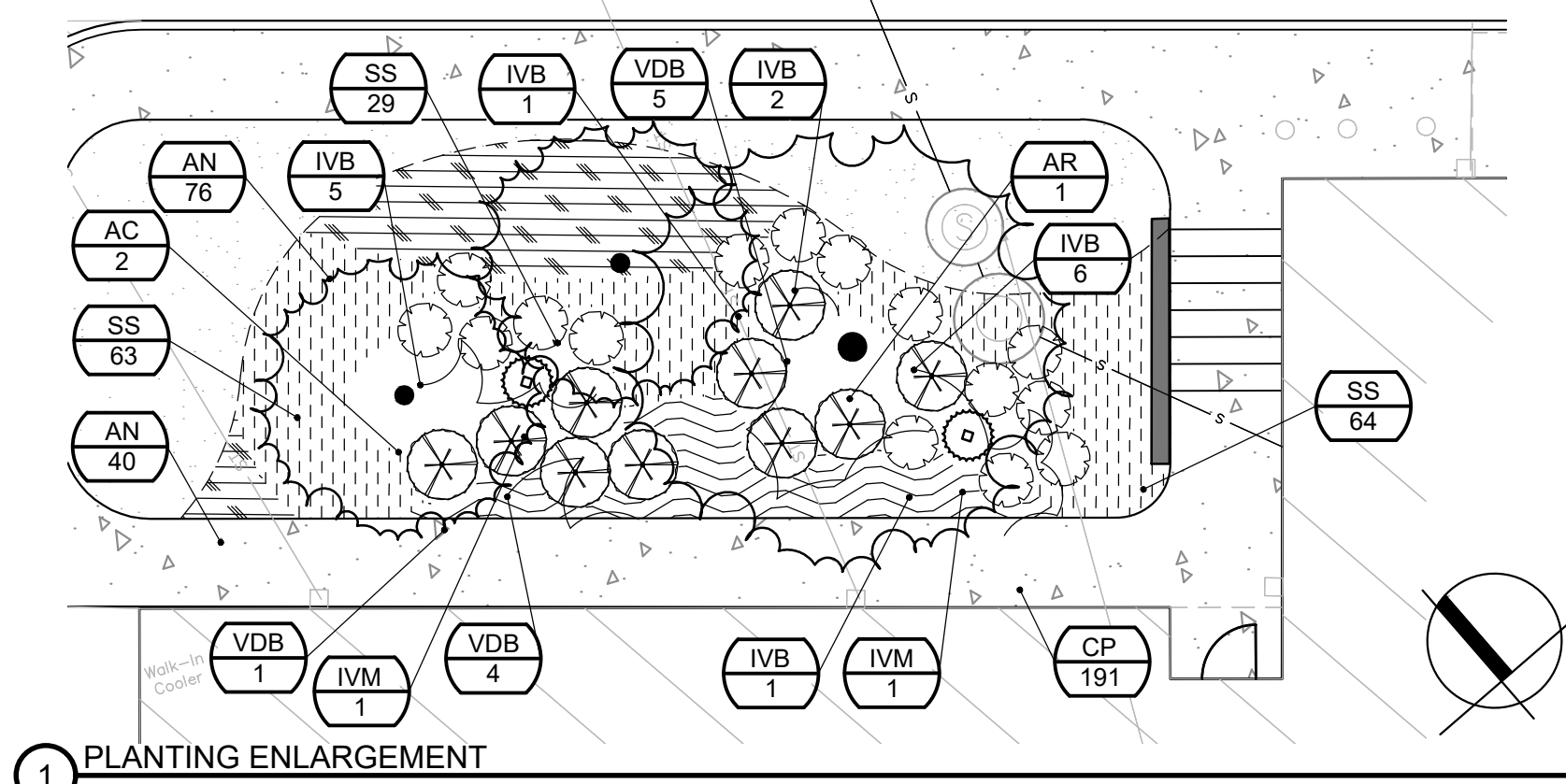
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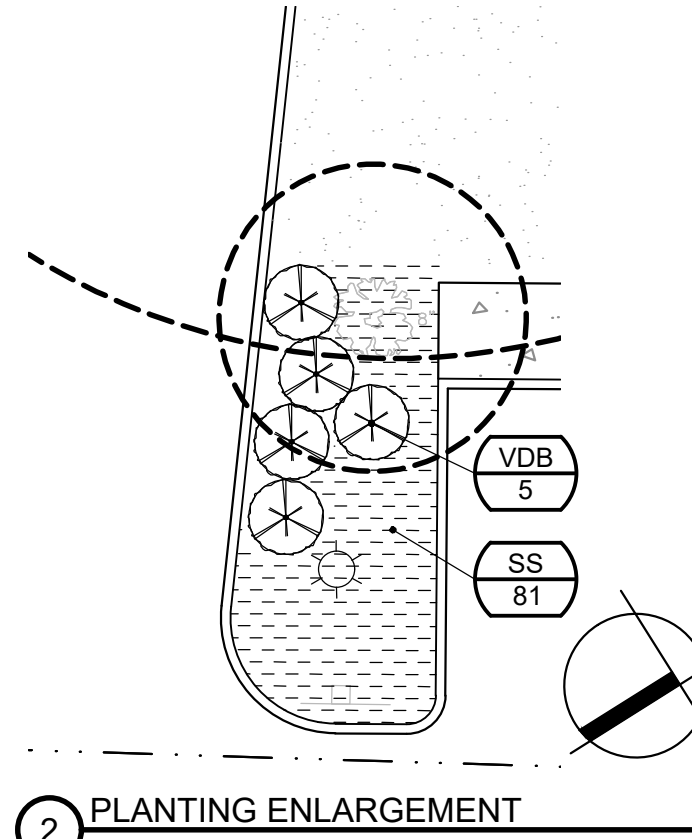
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LEGEND

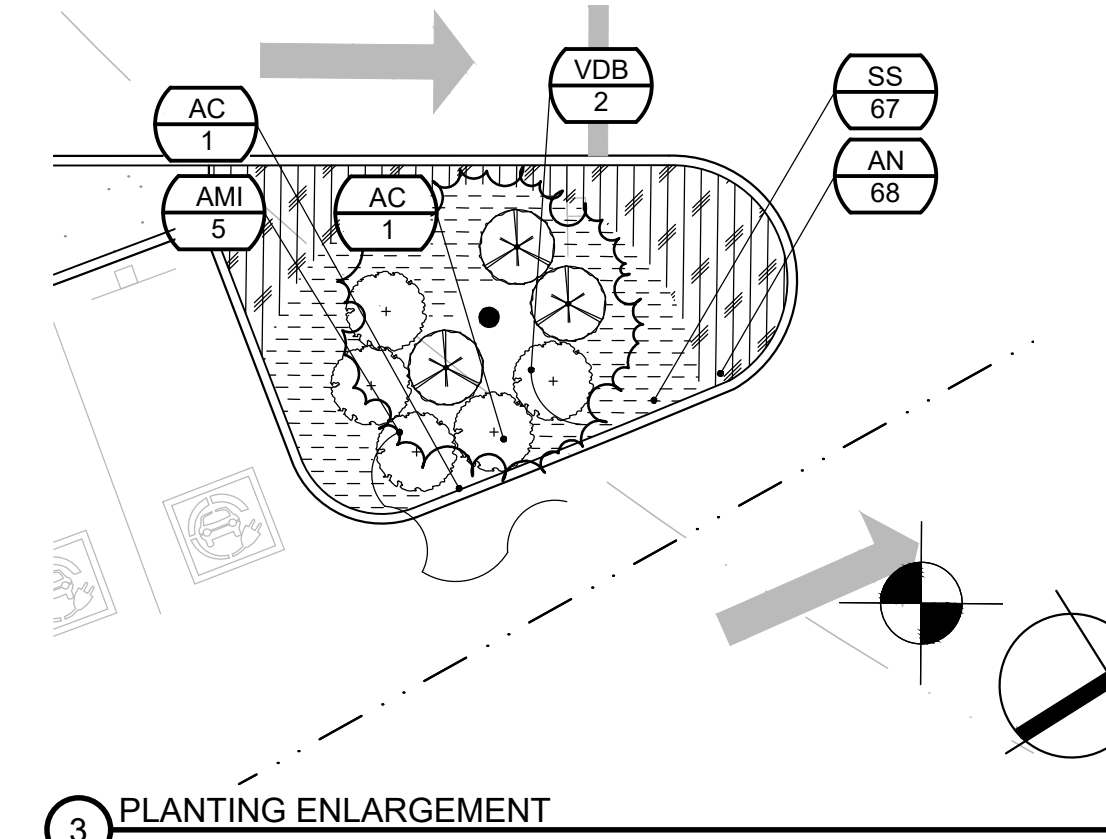
-  PROPERTY LINE
-  LIMIT OF WORK
-  LOAM AND SEED
-  BARK MULCH PLANTING BED
-  BIORETENTION MEADOW MIX
-  HERBACEOUS PERENNIAL PLANTING
-  PROPOSED SHRUB PLANTING
-  PROPOSED TREE PLANTING



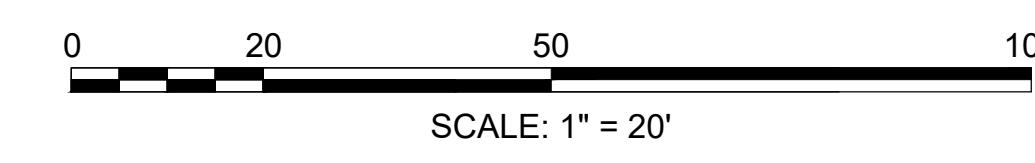
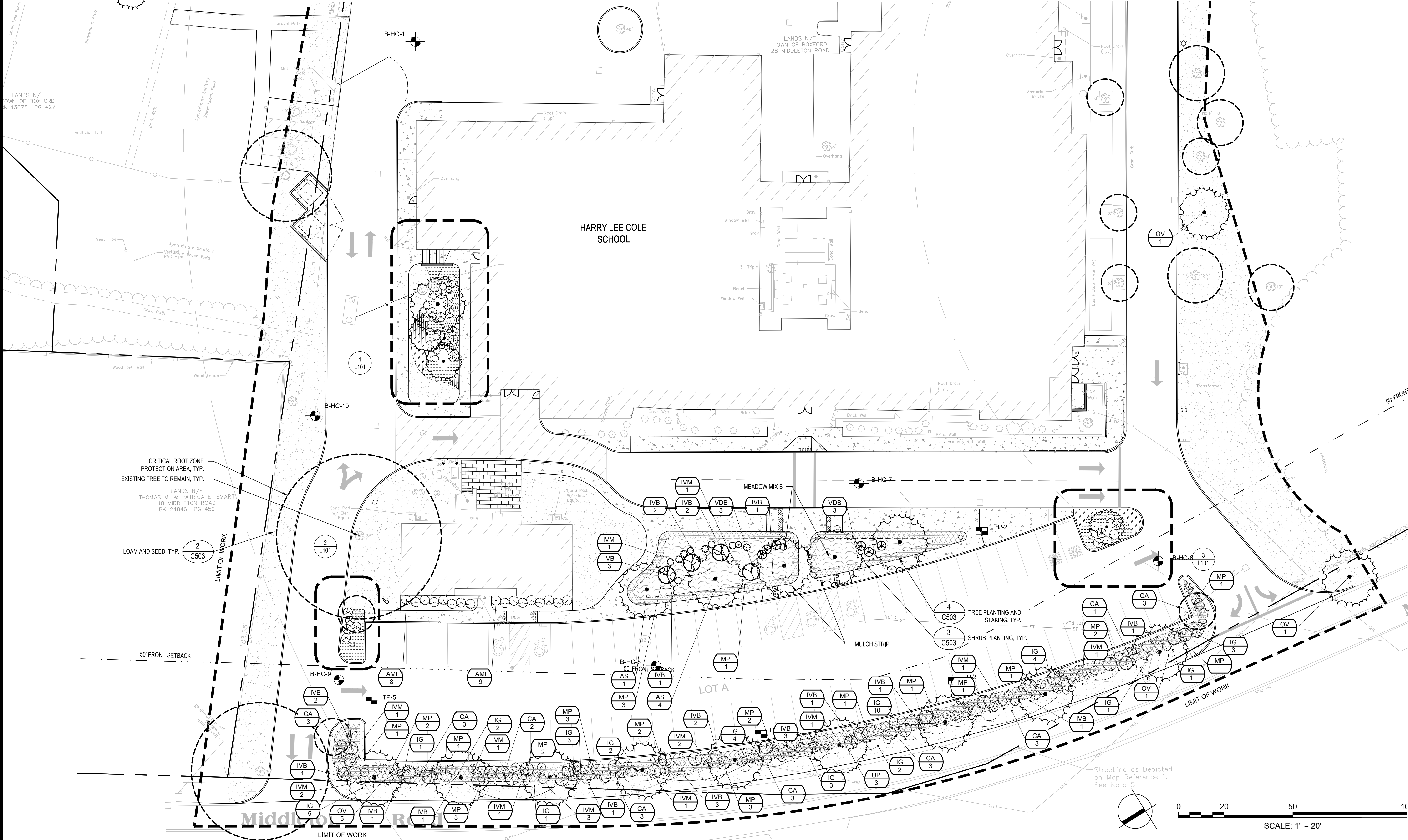
1 PLANTING ENLARGEMENT
SCALE: 1"=10'



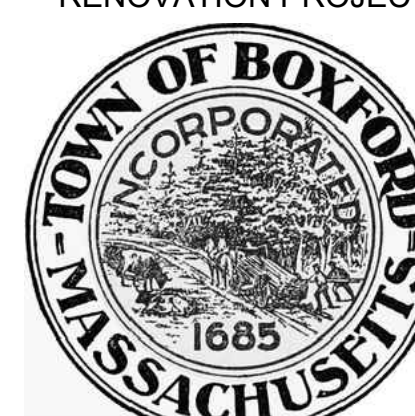
2 PLANTING ENLARGEMENT
SCALE: 1"=10'



3 PLANTING ENLARGEMENT
SCALE: 1"=10'



Project:
BOXFORD PUBLIC
SCHOOLS SITE
RENOVATION PROJECT



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Reviewed By:

Approved By:

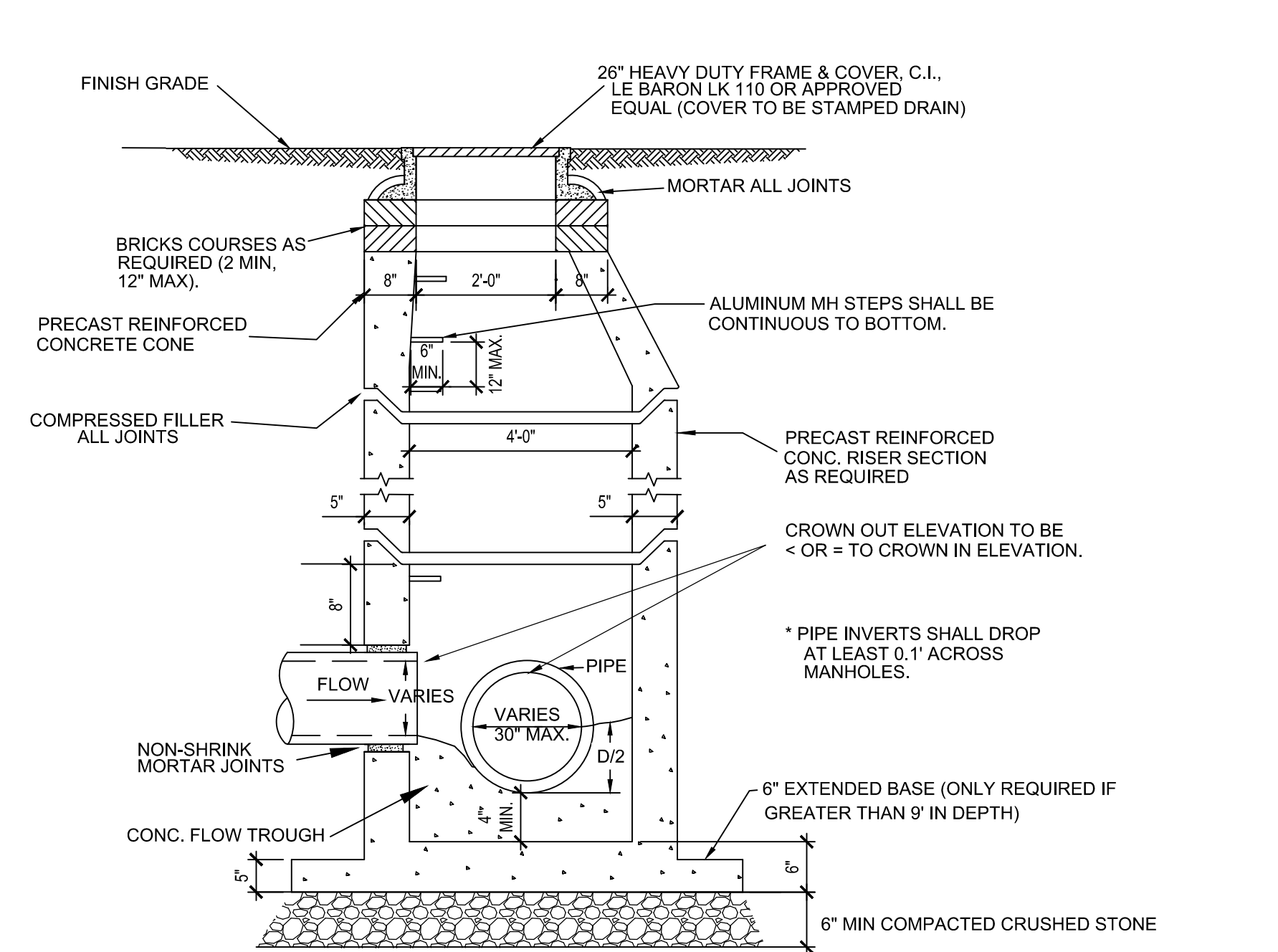
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W&S File No.:

Drawing Title:

PLANTING ENLARGEMENT PLAN

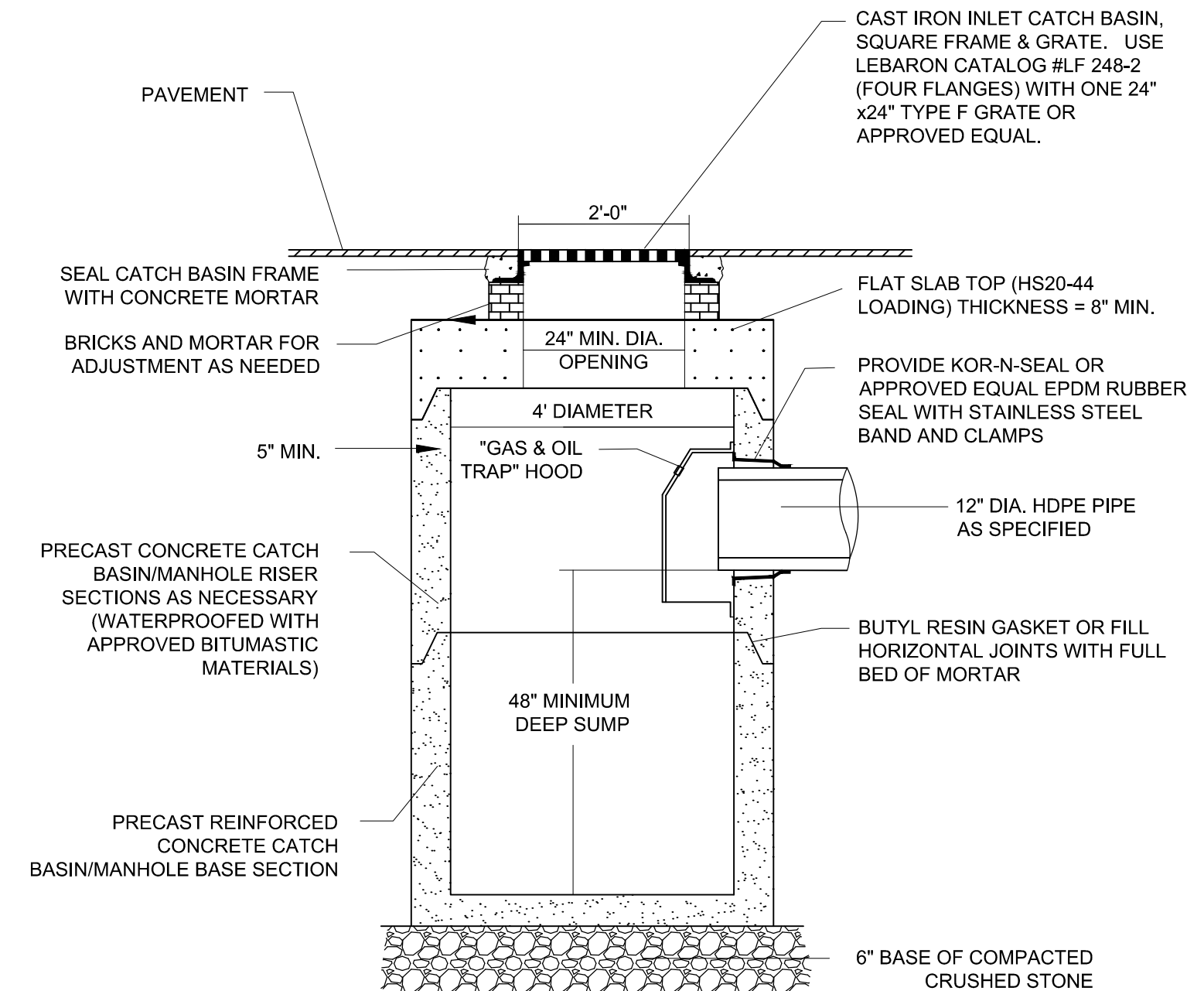
Sheet Number:

L101



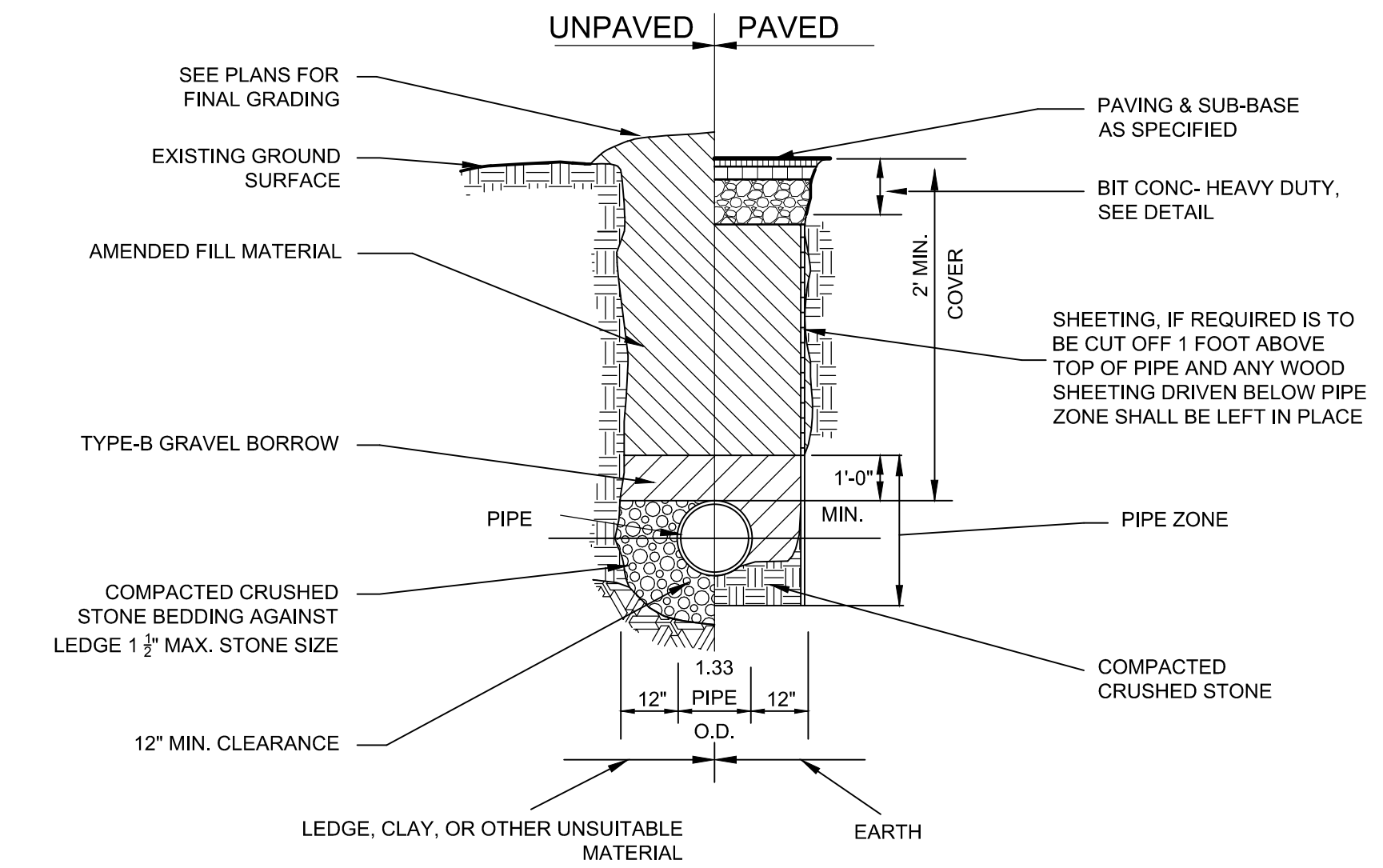
- NOTE:
1. THE DRAIN MANHOLE SHALL BE DESIGNED TO RESIST BUOYANCY. ASSUMING GROUNDWATER IS AT GRADE, MANUFACTURER SHALL PROVIDE BUOYANCY CALCULATIONS, STAMPED BY A MASSACHUSETTS P.E.
 2. MANHOLE FRAME AND COVER SHALL BE H-20 WHEEL LOAD RATED.

1 TYPICAL PRECAST CONCRETE MANHOLE
SCALE: N.T.S.

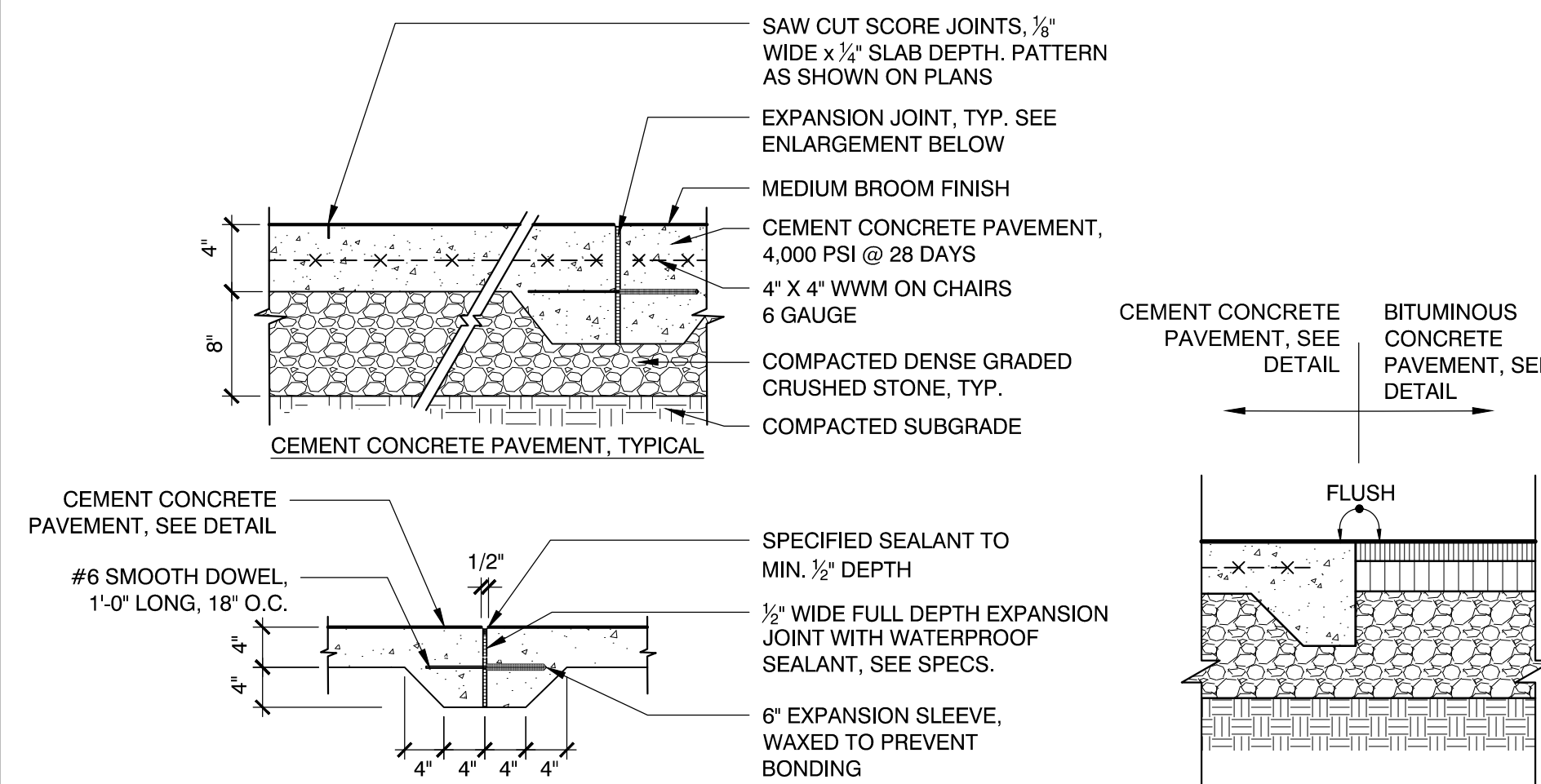


- NOTES:
1. FOR DOUBLE CATCH BASINS, STRUCTURE SHALL BE 6' IN DIAMETER.
 2. THE CATCH BASIN SHALL BE DESIGNED TO RESIST BUOYANCY. ASSUMING GROUNDWATER IS AT GRADE, MANUFACTURER SHALL PROVIDE BUOYANCY CALCULATIONS, STAMPED BY A MASSACHUSETTS P.E.
 3. MANHOLE FRAME AND COVER SHALL BE H-20 WHEEL LOAD RATED.

2 STANDARD CATCH BASIN
SCALE: N.T.S.



3 TYPICAL STORM DRAIN TRENCH DETAIL
SCALE: N.T.S.

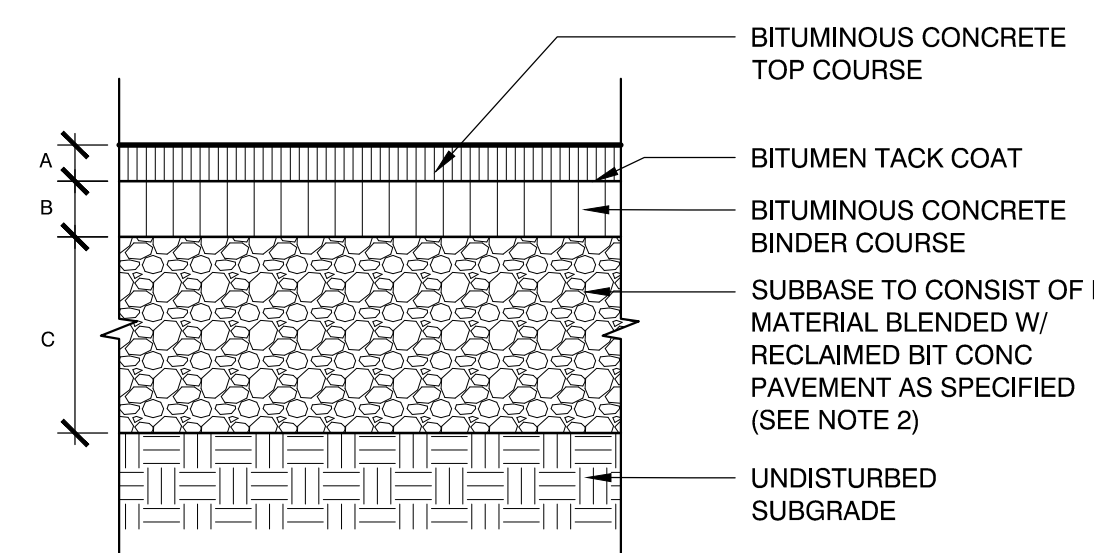


- EXPANSION JOINT INSTALLATION NOTES:
1. DOWEL IS TYPICAL AT ALL EXPANSION JOINTS (18" O.C.) WITHIN CONCRETE PAVING AND BETWEEN NEW CONCRETE PAVING AND EXISTING CONCRETE PAVING TO REMAIN. DELETE EXPANSION SLEEVE AND DOWEL WHERE JOINT ABUTS WALL, CURBS, OR OTHER VERTICAL SURFACES, UNLESS OTHERWISE NOTED.
 2. EXPANSION JOINTS MAX. 25'-0" O.C. UNLESS SHOWN OTHERWISE.
 3. EXPANSION JOINTS SHALL BE PLACED WHERE NEW CEMENT CONCRETE PAVEMENT MEETS EXISTING PAVEMENT OR WALLS TO REMAIN.
 4. NEW CONCRETE PAVEMENT SHALL MEET EX. CONCRETE PAVEMENT IN THE SA MANNER AS DETAILS ABOVE.

4 CEMENT CONCRETE PAVEMENT
SCALE: N.T.S.

PAVEMENT DEPTH SCHEDULE

	TOP (A)	BINDER (B)	SUBBASE (C)
HEAVY DUTY	2.0"	3.0"	SEE BELOW
MEDIUM DUTY	1.5"	2.5"	SEE BELOW
LIGHT DUTY	1.0"	2.0"	SEE BELOW



5 BITUMINOUS CONCRETE PAVEMENT
SCALE: N.T.S.

Revisions:

No.	Date	Description
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Date: MAY 13, 2021

Drawn By: EJA

Reviewed By: CB

Approved By: JIP

W&S Project No.: ENG20-0865
W&S File No.:

Drawing Title:

SITE CONSTRUCTION DETAILS

Sheet Number:

C501

Scale: AS SHOWN

Date: MAY 13, 2021

Drawn By: EJA

Reviewed By: CB

Approved By: JIP

W&S Project No.: ENG20-0865
W&S File No.:

Drawing Title:

SITE CONSTRUCTION DETAILS

Sheet Number:

C501

Scale: AS SHOWN

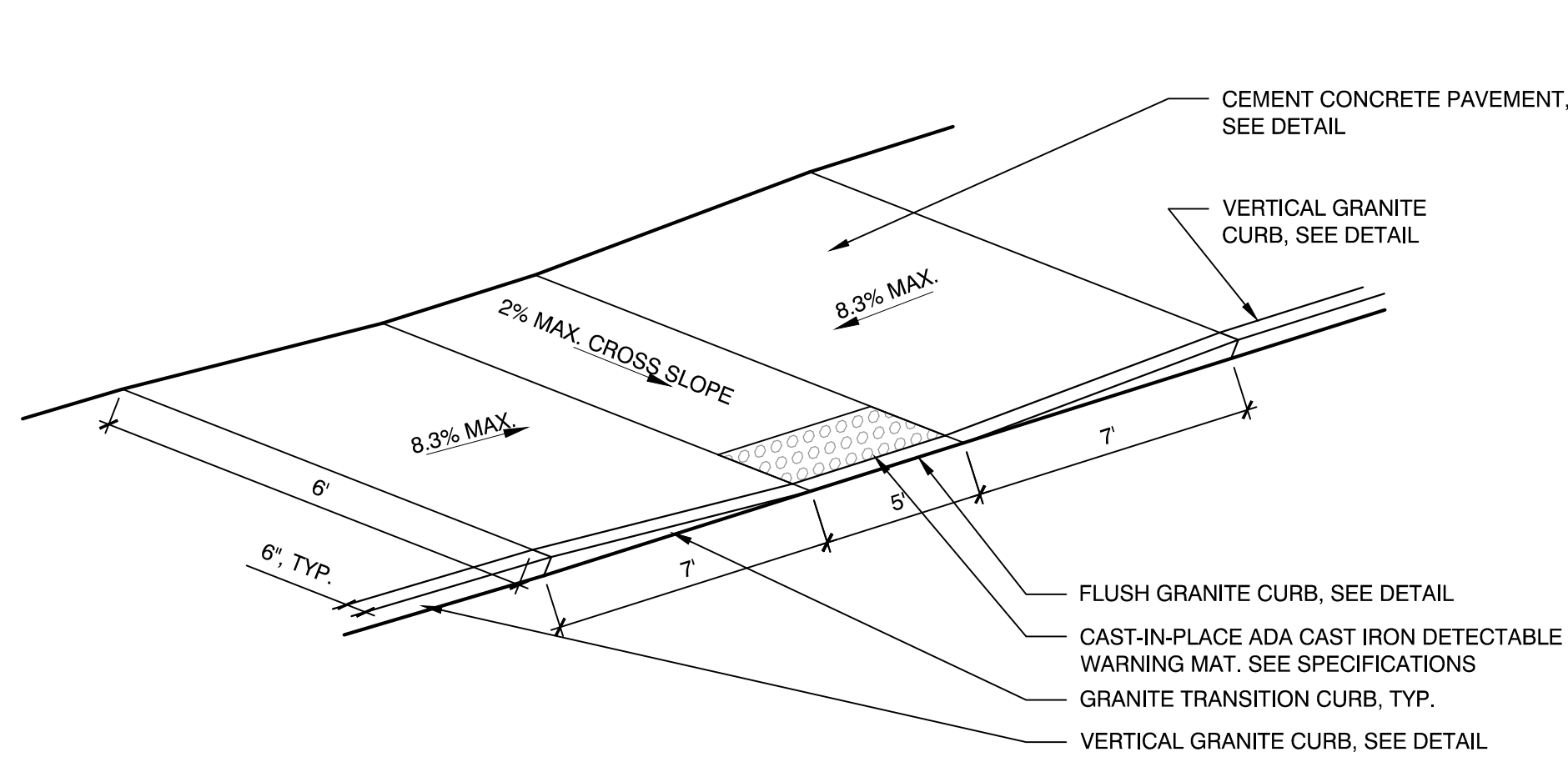
Date: MAY 13, 2021

Drawn By: EJA

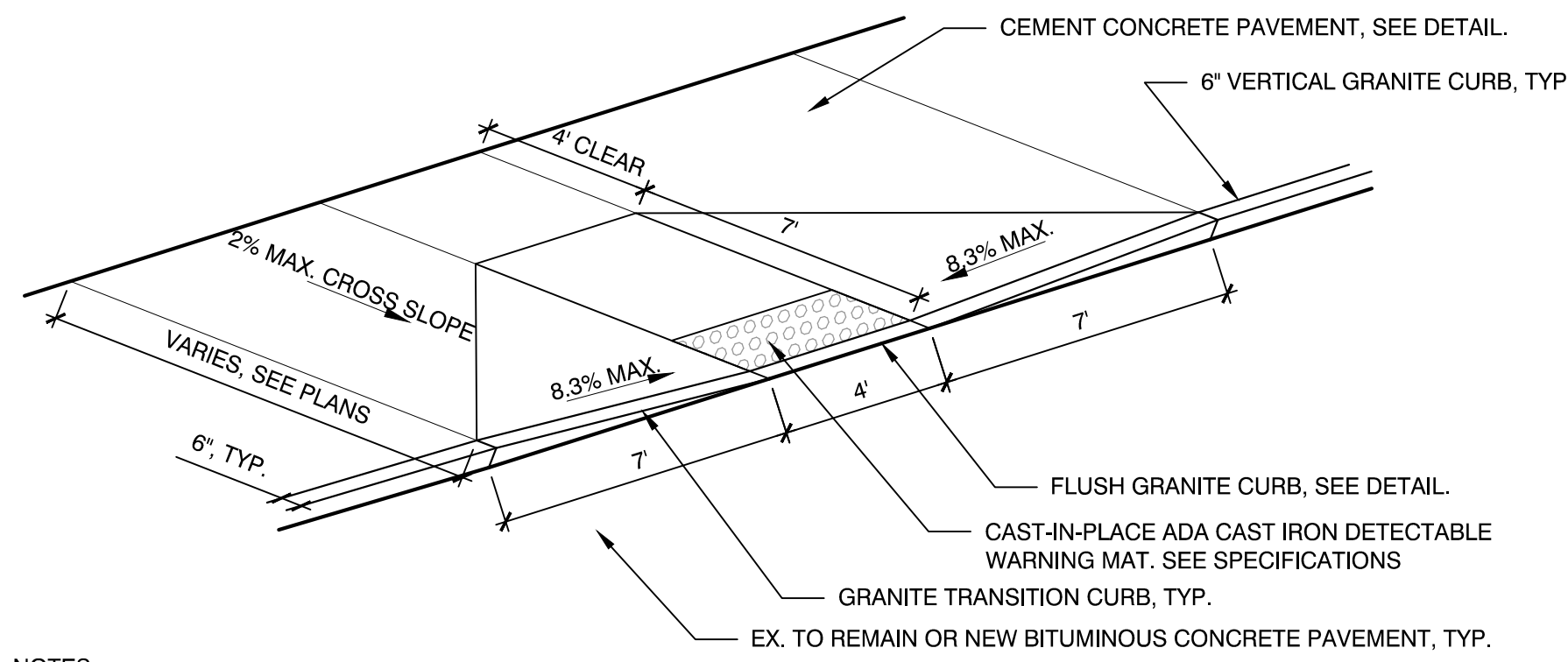
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Approved By: JIP

W&S Project No.: ENG20-0865
W&S File No.:

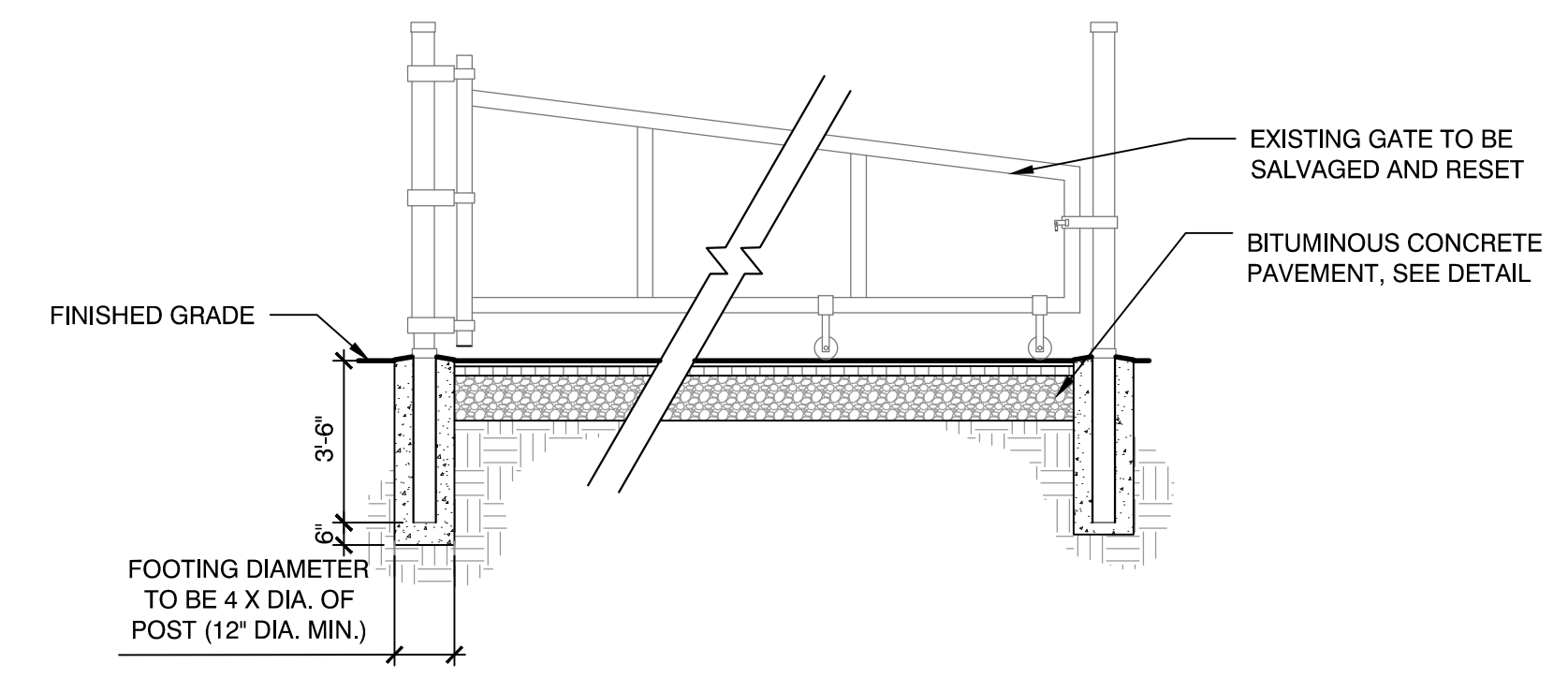


1 ADA CURB CUT-TYPE A
SCALE: N.T.S.



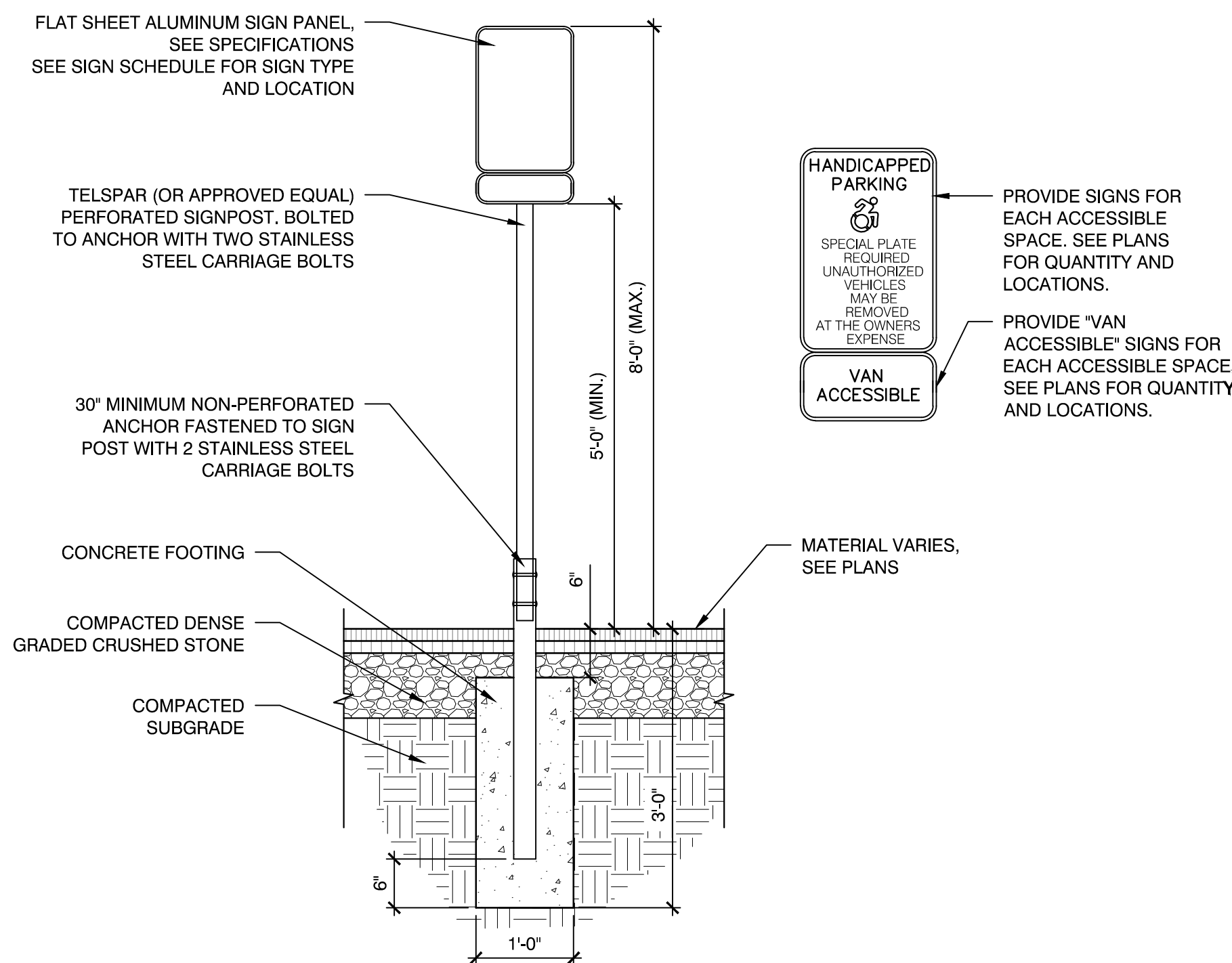
- NOTES:
- CONTRACTOR SHALL PROVIDE CLEAN AND STRAIGHT SAWCUT LINES AT LIMIT OF REMOVAL OF EXISTING ASPHALT PAVEMENT TO REMAIN. CONTRACTOR SHALL VERIFY LIMITS OF EXISTING ASPHALT PAVEMENT REMOVAL PRIOR TO COMMENCING DEMOLITION.
 - CONTRACTOR SHALL REMOVE AND REPLACE ASPHALT PAVEMENT, GRAVEL BORROW, AND SUBGRADE NECESSARY TO CONSTRUCT A CLEAN, SMOOTH TRANSITION AT ADA CURB CUT.

2 ADA CURB CUT-TYPE B
SCALE: N.T.S.

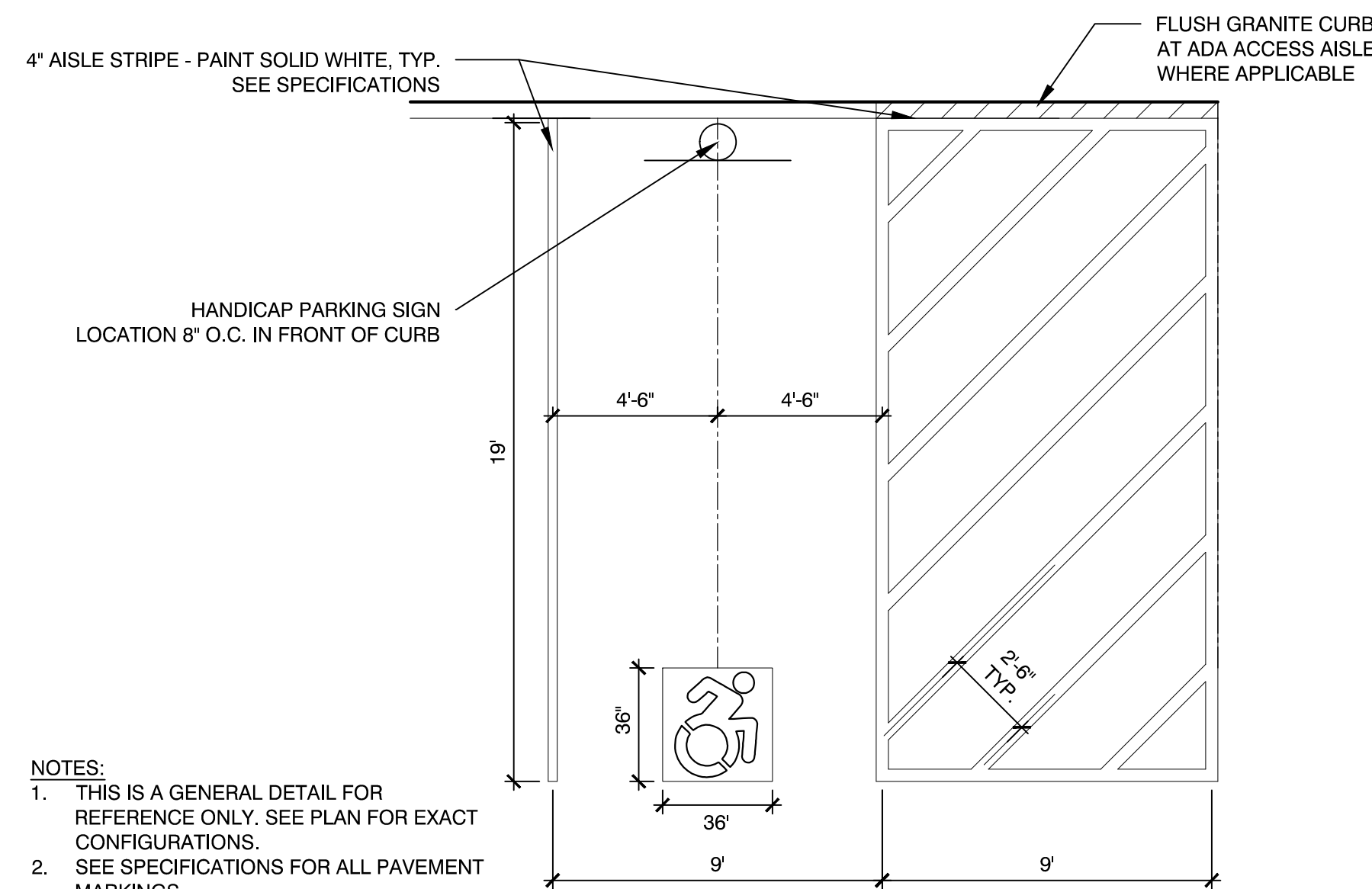


CONCRETE FOOTING:
NORMAL WEIGHT CONCRETE AIR ENTRAINED WITH NOT LESS THAN 4,500 PSI COMPRESSIVE STRENGTH (28 DAYS), 3 INCH SLUMP, AND 1-INCH MAXIMUM SIZE AGGREGATE.

3 EX. METAL SWING GATE, RESET
SCALE: N.T.S.

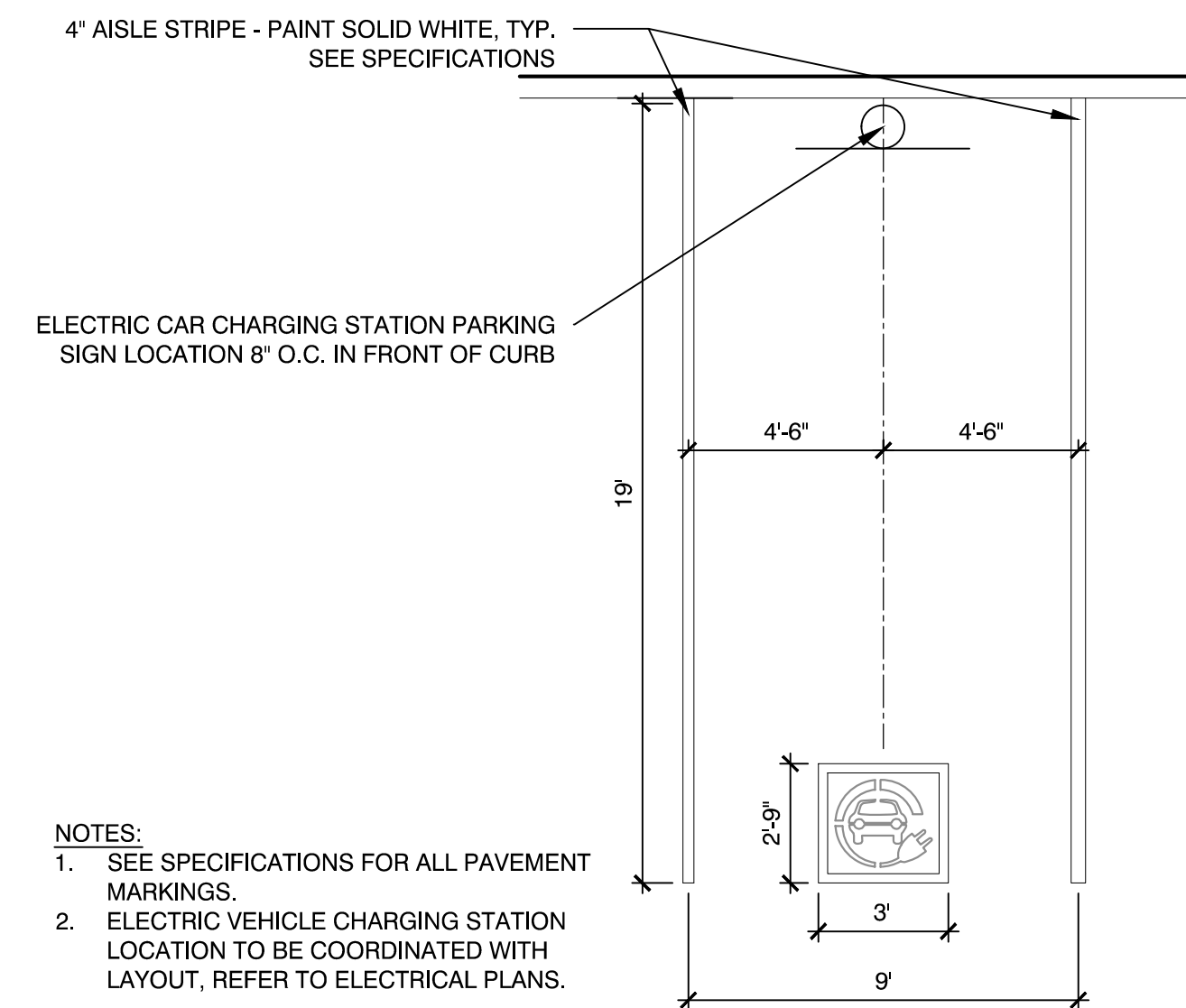


4 SIGN POST FOOTING
SCALE: N.T.S.



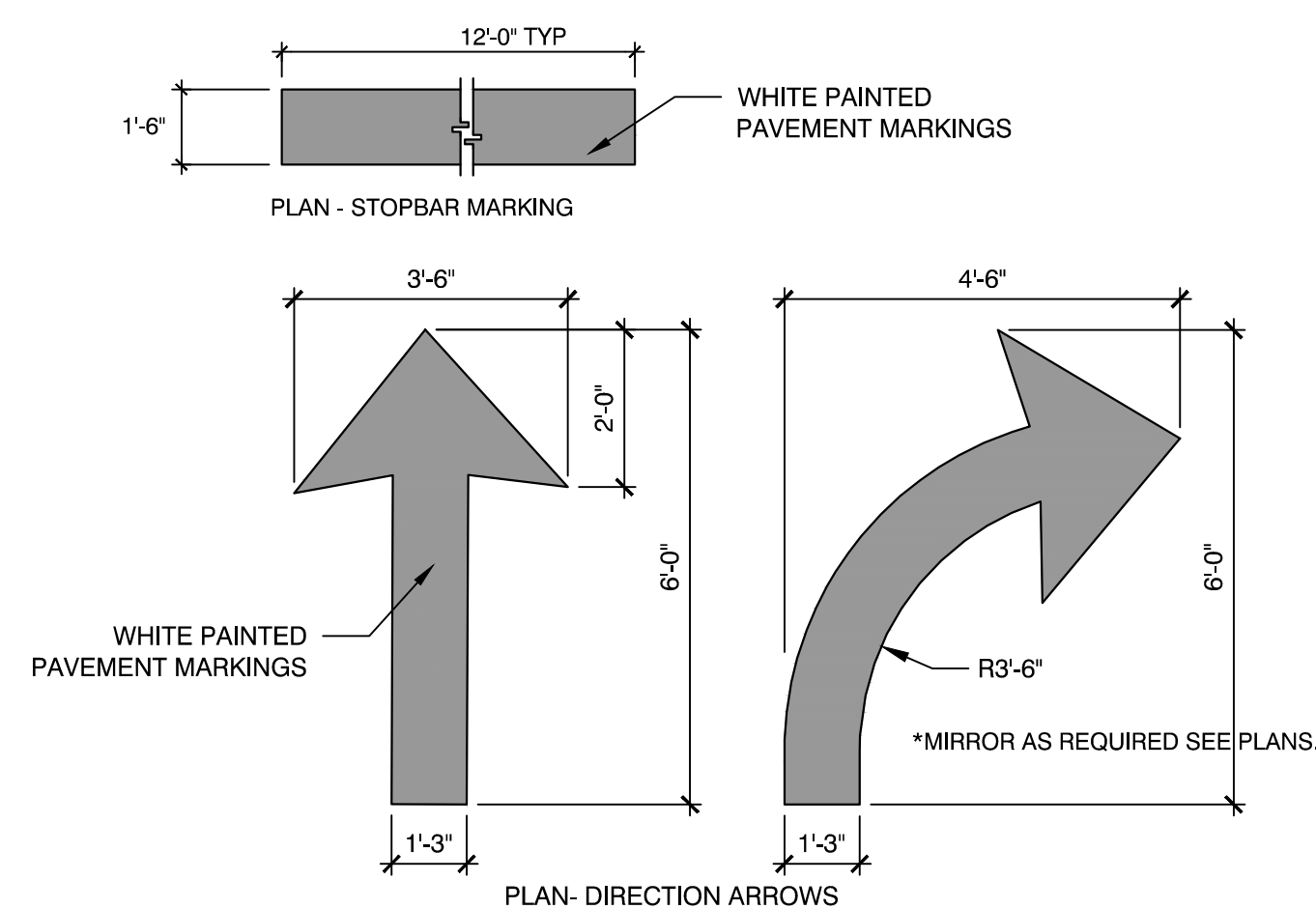
- NOTES:
- THIS IS A GENERAL DETAIL FOR REFERENCE ONLY. SEE PLAN FOR EXACT CONFIGURATIONS.
 - SEE SPECIFICATIONS FOR ALL PAVEMENT MARKINGS.
 - UNIVERSAL WHITE PAINTED ADA SYMBOL PLACED IN A BLUE PAINTED FIELD.

5 ACCESSIBLE PARKING SPACE LAYOUT
SCALE: N.T.S.



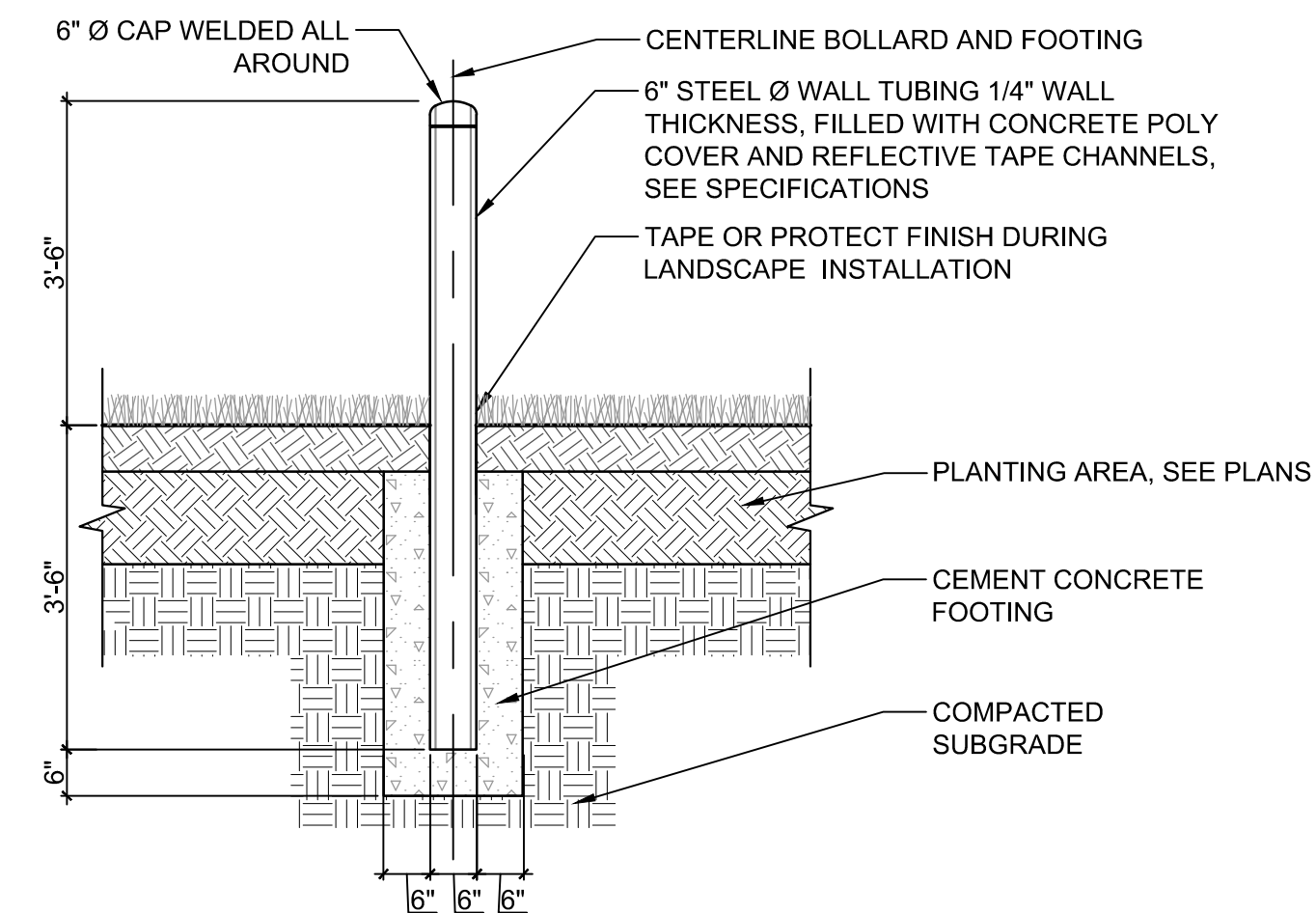
- NOTES:
- SEE SPECIFICATIONS FOR ALL PAVEMENT MARKINGS.
 - ELECTRIC VEHICLE CHARGING STATION LOCATION TO BE COORDINATED WITH LAYOUT, REFER TO ELECTRICAL PLANS.

6 ELECTRIC CAR CHARGING STATION PARKING SPACE LAYOUT
SCALE: N.T.S.



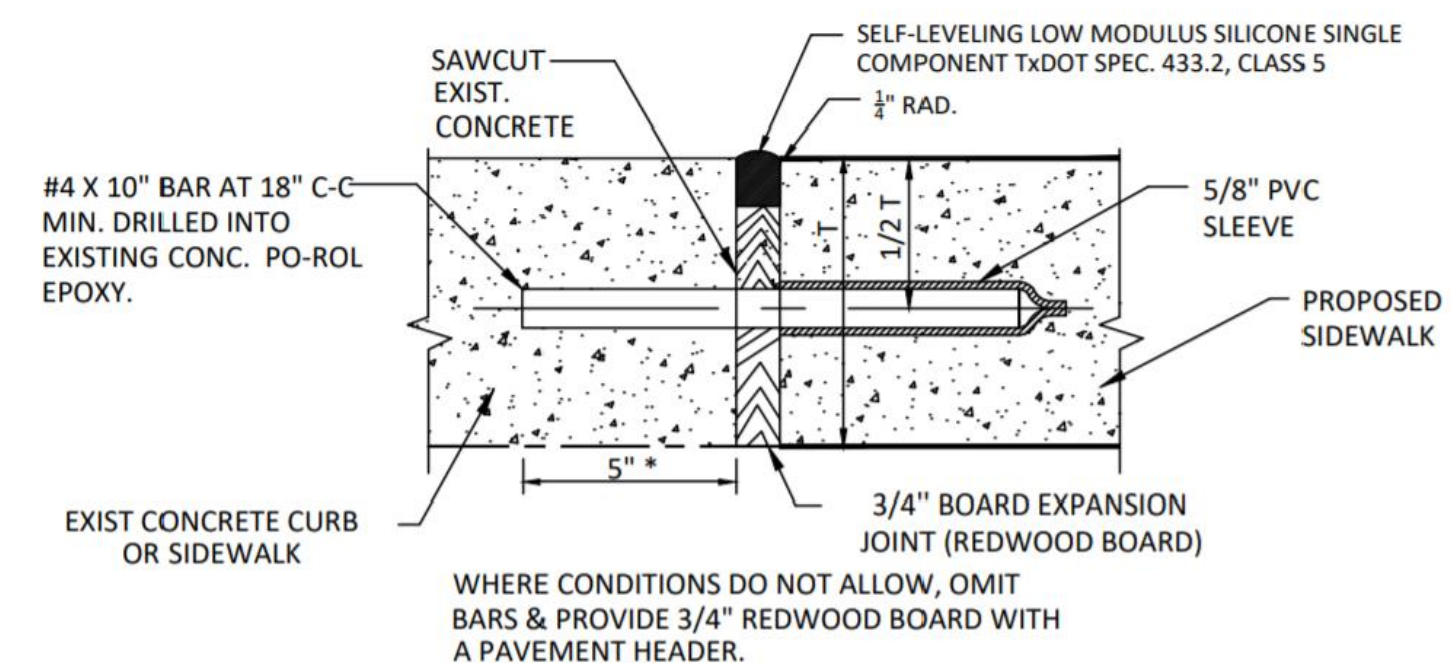
- NOTES:
- SEE PLANS FOR LOCATIONS OF EACH, AND COMBINATIONS THEREIN.

7 DIRECTIONAL ARROW AND STOP BAR TRAFFIC MARKINGS
SCALE: N.T.S.



- NOTES:
- SEE PLAN FOR BOLLARD LOCATIONS.
 - BOLLARD FOUNDATION CONCRETE TO BE 4000 PSI MIN.
 - EXACT LOCATION TO BE DETERMINED IN THE FIELD AND APPROVED BY TOWN BEFORE INSTALLATION.
 - 6" GALVANIZED PIPE PROVIDED BY MISC. METALS CONTRACTOR. INSTALLATION AND CONCRETE BY GENERAL CONTRACTOR.

8 EXTERIOR STEEL BOLLARD
SCALE: N.T.S.



WHERE CONDITIONS DO NOT ALLOW, OMIT BARS & PROVIDE 3/4" REDWOOD BOARD WITH A PAVEMENT HEADER.

9 PROPOSED SIDEWALK AT EXISTING CONCRETE
SCALE: N.T.S.

Consultants:

Revisions:

No.	Date	Description
1	08/24/21	PER REVISED LAYOUT
2	11/01/21	PER PEER REVIEW
3	11/24/21	PER REVIEW COMMENTS



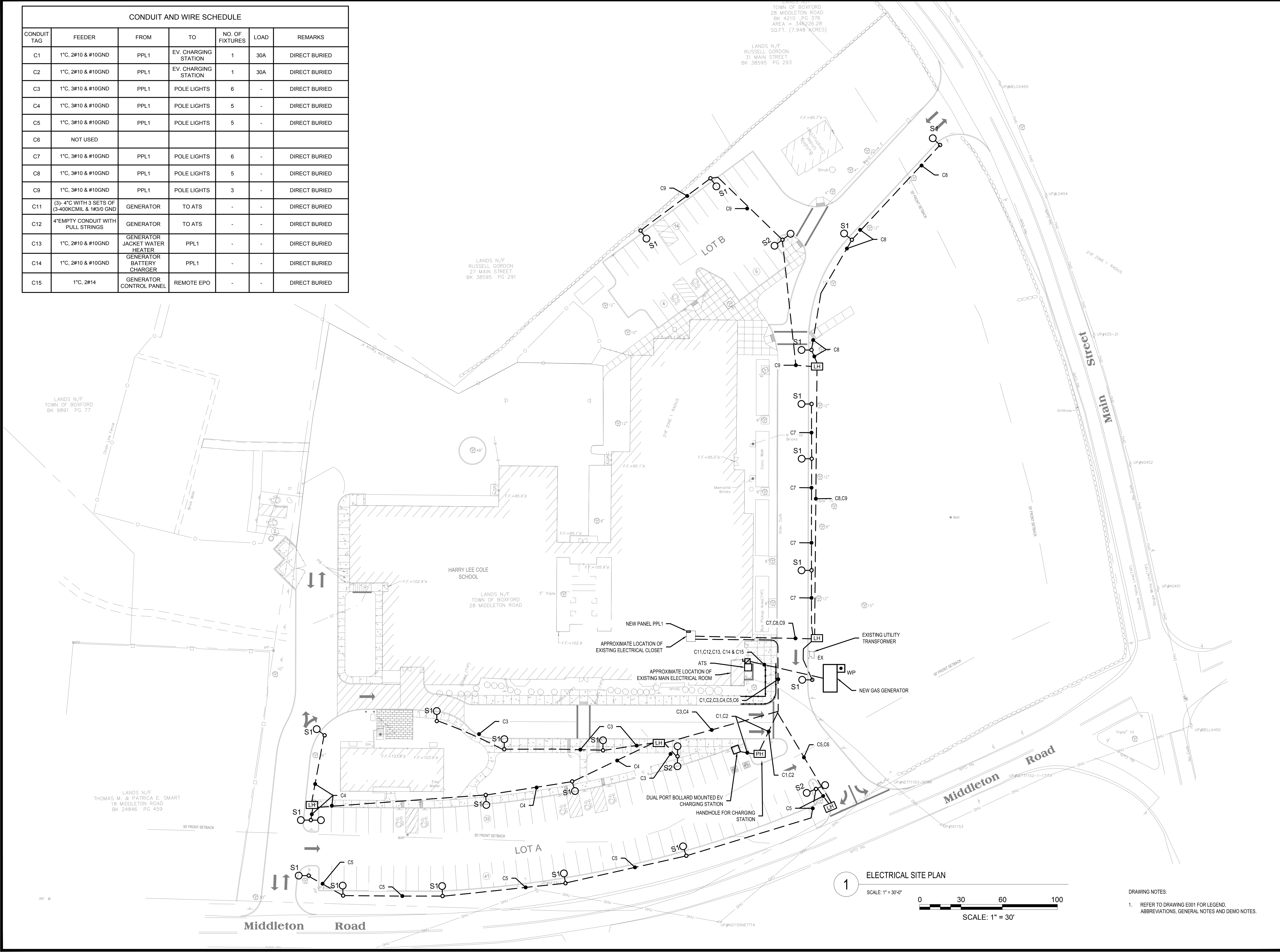
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Drawn By: EJA
Reviewed By: CB
Approved By: JIP
W&S Project No.: ENG20-0865
W&S File No.:

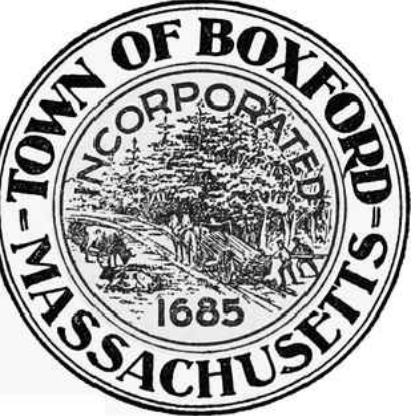
Drawing Title:
SITE
CONSTRUCTION
DETAILS

Sheet Number:
C503

CONDUIT AND WIRE SCHEDULE						
CONDUIT TAG	FEEDER	FROM	TO	NO. OF FIXTURES	LOAD	REMARKS
C1	1"C, 2#10 & #10GND	PPL1	EV. CHARGING STATION	1	30A	DIRECT BURIED
C2	1"C, 2#10 & #10GND	PPL1	EV. CHARGING STATION	1	30A	DIRECT BURIED
C3	1"C, 3#10 & #10GND	PPL1	POLE LIGHTS	6	-	DIRECT BURIED
C4	1"C, 3#10 & #10GND	PPL1	POLE LIGHTS	5	-	DIRECT BURIED
C5	1"C, 3#10 & #10GND	PPL1	POLE LIGHTS	5	-	DIRECT BURIED
C6	NOT USED					
C7	1"C, 3#10 & #10GND	PPL1	POLE LIGHTS	6	-	DIRECT BURIED
C8	1"C, 3#10 & #10GND	PPL1	POLE LIGHTS	5	-	DIRECT BURIED
C9	1"C, 3#10 & #10GND	PPL1	POLE LIGHTS	3	-	DIRECT BURIED
C11	(3)- 4"C WITH 3 SETS OF (3)-400KCMIL & 1#3/0 GND	GENERATOR	TO ATS	-	-	DIRECT BURIED
C12	4"EMPTY CONDUIT WITH PULL STRINGS	GENERATOR	TO ATS	-	-	DIRECT BURIED
C13	1"C, 2#10 & #10GND	GENERATOR JACKET WATER HEATER	PPL1	-	-	DIRECT BURIED
C14	1"C, 2#10 & #10GND	GENERATOR BATTERY CHARGER	PPL1	-	-	DIRECT BURIED
C15	1"C, 2#14	GENERATOR CONTROL PANEL	REMOTE EPO	-	-	DIRECT BURIED



Project:
BOXFORD PUBLIC SCHOOLS SITE RENOVATION PROJECT



HARRY LEE COLE SCHOOL
 26 AND 28 MIDDLETON ROAD
 BOXFORD, MA 01921

Weston & Sampson
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 www.westonandsampson.com

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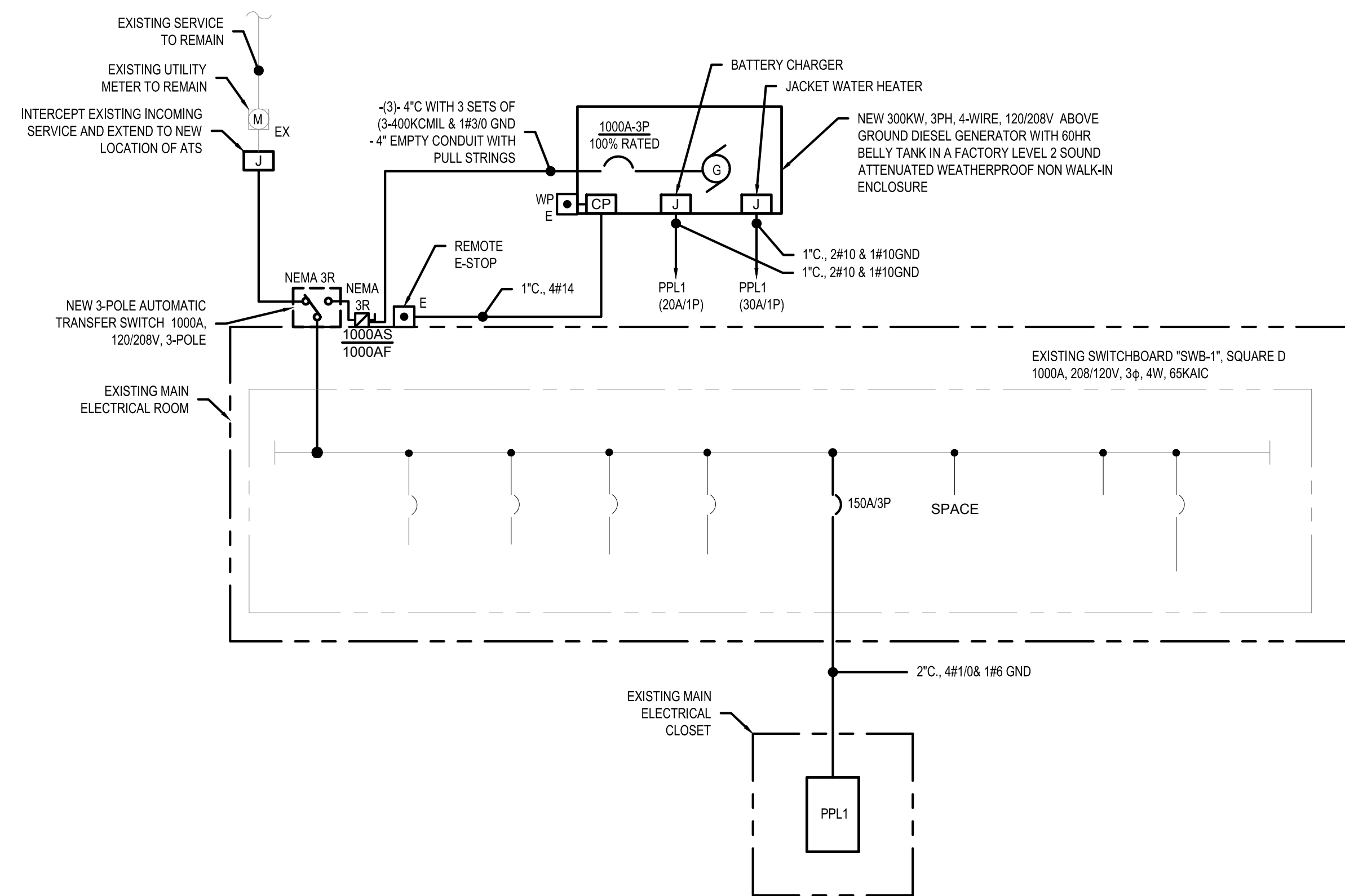
Scale: AS SHOWN
 Date: MAY 13, 2021
 Drawn By: MK
 Reviewed By: DNM
 Approved By: RFM
 W&S Project No.: ENG20-0865
 W&S File No.:

Drawing Title:

ELECTRICAL SITE PLAN

Sheet Number:

E100



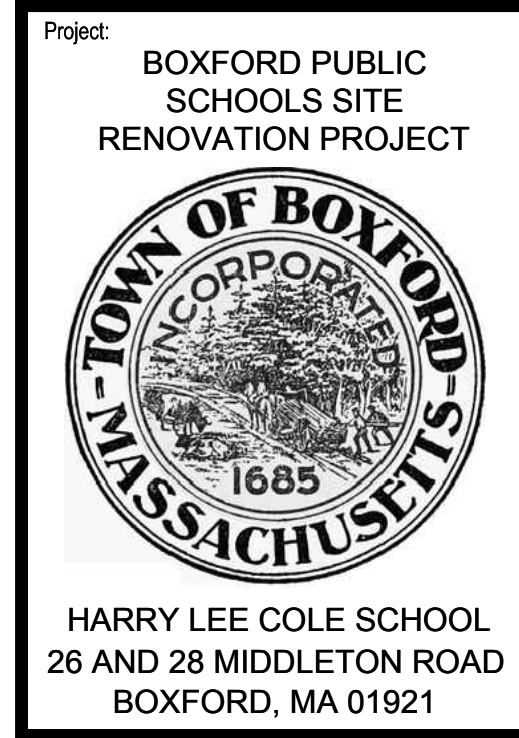
1 HARRY LEE SCHOOL ONE-LINE
NTS

- NOTES:**
- CONTRACTOR SHALL REMOVE AND REPLACE THE EXISTING XXXX TRIP PLUG IN EXISTING SQUARE D XXXX AMP BREAKER WITH A NEW TRIP PLUG # XXXX.

PANELBOARD SCHEDULE

DESIGNATION: PPL1 S.C. RATING: 22,000 A RMS SYSTEM REMARKS:
 LOCATION: EXISTING ELECTRICAL CLOSET SERVICE: 120/208V,3Ø,4W
 RATING: 200 AMPS MOUNTING: SURFACE
 MAIN: 150 AMP MCB

CKT. NO.	LOAD DESIGNATION	BREAKER TRIP	PHASE			BREAKER TRIP	LOAD DESIGNATION	CKT. NO.
			POLE	A	B			
1	EV CHARGING STATION	40	1	1	1	40	EV-CHARGING STATION	2
3	-	-	-	-	-	-	-	4
5	GENERATOR JACKET WATER HEATER	30	1	1	1	20	BATTERY CHARGER	6
7	SITE LIGHTS	20	1	1	1	20	SITE LIGHTS	8
9	-	-	-	-	-	20	-	10
11	-	-	-	-	-	20	-	12
13	SITE LIGHTS	20	1	1	1	20	SITE LIGHTS	14
15	-	-	-	-	-	20	-	16
17	-	-	-	-	-	20	-	18
19	SITE LIGHTS	20	1	1	1	20	SITE LIGHTS	20
21	-	-	-	-	-	-	-	22
23	-	-	-	-	-	-	-	24
25	SITE LIGHTS	20	1	1	1	20	SPARE	26
27	-	-	-	-	-	20	SPARE	28
29	-	-	-	-	-	20	SPARE	30
31	SPARE	20	1	1	1	20	SPARE	32
33	SPARE	20	1	1	1	20	SPARE	34
35	SPARE	20	1	1	1	20	SPARE	36
37	SPARE	20	1	1	1	20	SPARE	38
39	SPARE	20	1	1	1	20	SPARE	40
41	SPARE	20	1	1	1	20	SPARE	42



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Drawing Title:
 ELECTRICAL
 ONE-LINE

Sheet Number:
 E601