

LOCUS MAP
(NOT TO SCALE)

OWNER:
FIFTY-FIVE SAXON HINGHAM LLC
C/O SAXON PARTNERS
25 RECREATION PARK DRIVE
HINGHAM, MA
(781) 875-3300

CIVIL ENGINEER & LAND SURVEYOR
ALLEN & MAJOR ASSOCIATES, INC.
10 MAIN STREET
LAKEVILLE, MA 02347
(508) 923-1010

ARCHITECT:
PHASE ZERO DESIGN
35 POND PARK RD. BAY 16
HINGHAM, MA 02043
(781) 452-7121

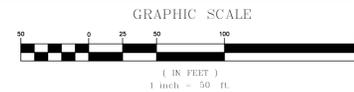
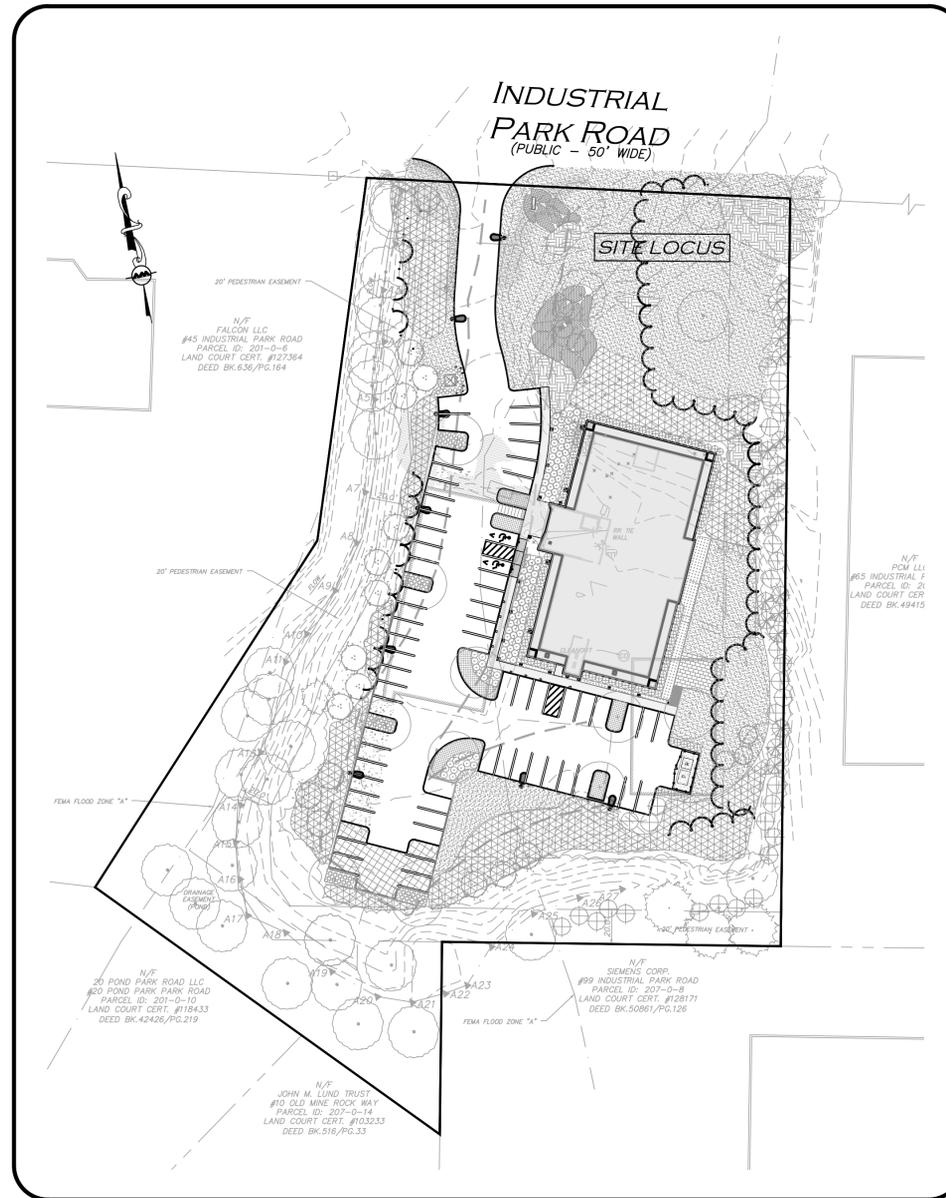
LANDSCAPE ARCHITECT
SEAN PAPICH
222 NORTH STREET
HINGHAM, MA 02043
(781) 741-5455

WETLAND CONSULTANT:
ENVIRONMENTAL CONSULTING & RESTORATION, LLC
PO BOX 4012
PLYMOUTH, MA 02361
(617) 529-3792

PROPOSED OFFICE BUILDING

55 INDUSTRIAL PARK ROAD

HINGHAM, MA



LIST OF DRAWINGS

DRAWING TITLE	SHEET NO.	ISSUED	LAST REVISED
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PREPARED BY:



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ISSUED FOR NOTICE OF INTENT:
 OCTOBER 17, 2024

EROSION CONTROL NOTES

EROSION & SEDIMENTATION CONTROL NOTES:

1. EROSION CONTROL SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE ADEQUATE TO MAINTAIN SEDIMENT ON SITE. ANY MODIFICATIONS TO SILT CONTROLS SHOWN ON THE APPROVED PLANS AS A RESULT OF ACTUAL FIELD CONDITIONS OR CONSTRUCTION PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH B.M.P. (BEST MANAGEMENT PRACTICES) PER THE E.P.A. 2017 "CONSTRUCTION GENERAL PERMIT" MANUAL, AND MASSACHUSETTS 2003 EROSION & SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS. ANY SUCH MODIFICATIONS FROM THE ABOVE MANUALS SHALL BE INSTALLED AS APPROVED BY THE ENGINEER OR THE LOCAL MUNICIPALITY.
2. AREAS OF EXPOSED SOIL UNDERGOING CONSTRUCTION THAT WILL NOT BE COVERED AND OR FINISHED GRADED SHALL BE STABILIZED AS SOON AS PRACTICABLE BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY (UNLESS MUNICIPALITY HAS STRICTER REQUIREMENTS WHICH SHALL BE FOLLOWED) IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY EROSION CONTROL MEASURES SHALL INCLUDE EROSION CONTROL MESH, NETTING OR MULCH AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND SHOWN ON THE DESIGN PLANS. IF MULCH IS USED, STRAW MULCH SHALL BE APPLIED AT THE RATE OF 4 BALES PER 1,000 SQUARE FEET. APPLICATION AREA SHALL BE SUFFICIENTLY COVERED WITH MULCH TO AVOID ANY VISIBLE SOIL EXPOSURE. MULCH SHALL BE KEPT MOIST TO AVOID LOSS DUE TO WIND. MULCH AND NETTING SHALL BE APPLIED IN THE BASE OF ALL GRASSED WATERWAYS, IN VEGETATIVE SLOPES WHICH EXCEED 15% AND DISTURBED AREAS WITHIN 100 FEET OF WETLANDS OR STREAMS.
3. IF DISTURBED AREAS DO NOT RECEIVE FINAL SEEDING BY OCTOBER 1ST OF THE CONSTRUCTION YEAR, THEN ALL DISTURBED AREAS SHALL BE SEED WITH A WINTER COVER CROP AT THE RATE OF 3 LBS PER 1,000 SQUARE FEET. WINTER SEEDING SHALL BE COVERED WITH EROSION CONTROL MESH (MULCH AND NETTING). HEAVY GRADE MATS SHALL BE USED IN THE BASE OF ALL GRASSED WATERWAYS ON VEGETATED SLOPES IN EXCESS OF 15%, AND ANY DISTURBED AREAS WITHIN 100 FEET OF WETLANDS OR STREAMS. MULCH AND NETTING SHALL ALSO BE PROVIDED FOR ADDITIONAL WINTER PROTECTION.
4. ALL TOPSOIL SHALL BE COLLECTED, STOCKPILED, SEED WITH RYE AT 3LBS PER 1,000 SQUARE FOOT AND MULCHED, AND REUSED AS REQUIRED. TUBULAR BARRIERS SHALL BE PLACED DOWN GRADIENT FROM STOCKPILED LOAM. LOAM SHALL BE STOCKPILED AT LOCATIONS DESIGNATED BY THE OWNER AND ENGINEER.
5. ALL TUBULAR BARRIERS, SILT SACKS, AND EROSION CONTROL BERMS SHALL BE INSTALLED ACCORDING TO THE SITE PREPARATION PLAN. THESE SHALL BE MAINTAINED DURING DEVELOPMENT TO REMOVE SEDIMENT FROM RUNOFF WATER. ALL THE FILTER BARRIERS AND EROSION CONTROL BERMS SHALL BE INSPECTED AFTER ANY RAINFALL OR RUNOFF EVENT, MAINTAINED AND CLEANED UNTIL ALL AREAS HAVE AT LEAST 85-90% VIGOROUS PERENNIAL COVER OF GRASSES.
6. ADJACENT ROADS SHALL BE PERIODICALLY SWEEPED OR WASHED TO AVOID TRACKING MUD, DUST OR DEBRIS FROM THE CONSTRUCTION AREA AS OFTEN AS NECESSARY (WHICH COULD BE ON A DAILY BASIS) TO REMOVE ANY SOIL OR SEDIMENTS AT NO ADDITIONAL COST TO THE OWNER. A WATERING TRUCK WILL BE USED TO PERIODICALLY SPRINKLE CONSTRUCTION AREAS IN ORDER TO KEEP THE LEVEL OF DUST TO A MINIMUM DURING THE DRY MONTHS AT NO ADDITIONAL COST TO THE OWNER.
7. THE CONTRACTOR SHALL USE EXTREME CAUTION TO AVOID ALLOWING SEDIMENTS TO ENTER THE STORM DRAIN SYSTEM DURING CONSTRUCTION. BOTH EXISTING AND PROPOSED CATCH BASIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION BY THE USE SILT SACKS AND/OR TUBULAR BARRIERS AROUND EACH INLET AS NOTED ON THE PLANS. INLET PROTECTION MAY BE REMOVED ONLY AFTER FINISHED AREAS ARE PAVED AND THE VEGETATED SLOPES ARE ESTABLISHED WITH AT LEAST 85-90% OF VIGOROUS PERENNIAL GROWTH.
8. AS APPLICABLE, EROSION CONTROL MESH SHALL BE APPLIED IN ACCORDANCE WITH THE PLANS OVER ALL FINISHED SEEDING AREAS AS SPECIFIED ON THE DESIGN PLANS.
9. AT A MINIMUM, ALL TUBULAR BARRIERS AND FILTER FABRIC SHALL REMAIN IN PLACE UNTIL SEEDINGS OR PLANTINGS HAVE BECOME 85-90% ESTABLISHED. THE LOCAL CONSERVATION COMMISSION MUST APPROVE THE REMOVAL OR RELOCATION OF ANY OF THE TUBULAR BARRIERS AND FILTER FABRIC. ONCE THE TUBULAR BARRIERS ARE REMOVED THE AREAS ARE TO BE LOAMED AND SEED TO ACHIEVE FULL STABILIZATION.
10. AT THE OWNER'S DISCRETION ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED TO MAINTAIN STABILITY OF EARTHWORKS AND FINISHED GRADED AREAS. THE CONTRACTOR, AT HIS EXPENSE, WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ANY ADDITIONAL MEASURES AS SPECIFIED BY THE OWNER. THIS INCLUDES BUT IS NOT LIMITED TO REQUESTS BY MA DEP, THE ENGINEER AND THE LOCAL MUNICIPALITY, AS AUTHORIZED BY THE OWNER. FAILURE TO COMPLY WITH THE OWNER'S DIRECTIONS WILL RESULT IN DISCONTINUATION OF CONSTRUCTION ACTIVITIES.
11. INSPECTIONS AND MONITORING MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. WEEKLY INSPECTIONS SHALL BE HELD THROUGH THE DURATION OF CONSTRUCTION ACTIVITY. WEEKLY INSPECTION REPORTS SHALL BE MAINTAINED BY THE CONTRACTOR AND LOCATED IN THE CONTRACTORS FIELD OFFICE ONSITE. IN ADDITION TO THE NORMAL WEEKLY INSPECTIONS, THE CONTRACTOR SHALL PERFORM AN INSPECTION OF ALL EROSION CONTROL MEASURES AFTER EACH RAINFALL OR RUNOFF EVENT, AND PERFORM THE NECESSARY REPAIRS. THE INSPECTIONS SHALL INCLUDE BUT NOT BE LIMITED TO THE SITE'S DOWN STREAM DISCHARGE POINTS.
12. IF ANY EVIDENCE OF SEDIMENTATION IS OBSERVED AT THE STORMWATER MANAGEMENT AREA INLETS, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, PROVIDE A PLAN TO THE ENGINEER TO REMOVE ANY ACCUMULATED SEDIMENT IN THESE AREAS. THE CONTRACTOR SHALL ALSO IMMEDIATELY PROVIDE ADDITIONAL ON SITE EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT FURTHER DEGRADATION OF THE AREA.
13. FOLLOWING THE TEMPORARY OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMI-MONTHLY TO ENSURE THE AREAS HAVE A MINIMUM OF 85-90% VEGETATED VIGOROUS GROWTH. RE-SEEDING SHALL BE CARRIED OUT BY THE CONTRACTOR WITH FOLLOW UP INSPECTIONS IN THE EVENT OF ANY FAILURES UNTIL VEGETATION IS ADEQUATELY ESTABLISHED.
14. CONTRACTOR & ALL SITE SUBCONTRACTORS SHALL BE FAMILIAR WITH & FOLLOW ALL APPROVED PERMITS AND CONDITIONS. CONTRACTOR SHALL MAINTAIN A COPY OF ALL APPROVED PERMITS ONSITE. ALL CONDITIONS & RECOMMENDATIONS WITHIN THE APPROVED PERMITS SHALL BE COMPLETED.

15. ALL EROSION MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE ADEQUATE TO MAINTAIN SEDIMENT ON SITE. ANY MODIFICATIONS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER OR THE LOCAL MUNICIPALITY.
16. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED DURING CONSTRUCTION, AND SHALL REMAIN IN PLACE UNTIL ALL SITE WORK IS COMPLETE AND GROUND COVER IS ESTABLISHED.
17. TOP OF STOCKPILES SHALL BE COVERED IN SUCH MANNER THAT STORMWATER DOES NOT INFILTRATE THE MATERIALS AND THEREBY RENDER THE SAME UNSUITABLE FOR FILL USE.
18. ALL DISTURBED OR EXPOSED AREAS SUBJECT TO EROSION SHALL BE STABILIZED WITH MULCH OR SEED FOR TEMPORARY VEGETATIVE COVER. NO AREA SUBJECT TO EROSION SHALL BE LEFT DISTURBED AND UNSTABILIZED FOR PERIODS LONGER THAN IS ABSOLUTELY NECESSARY TO CARRY OUT THAT PORTION OF THE CONSTRUCTION WORK OR SIX MONTHS AFTER SOIL HAS BEEN DISTURBED WHICHEVER IS LESS.
19. CULVERT/PIPE INLETS AND OUTFALLS SHALL BE PROTECTED BY TUBULAR BARRIER FILTERS AND STONE CHECK DAMS UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
20. TUBULAR BARRIER DIKES SHALL BE CONSTRUCTED AT ALL EXISTING & PROPOSED CATCH BASINS, NO SEDIMENTATION SHALL ENTER THE ON-SITE OR OFF-SITE DRAINAGE SYSTEMS AT ANY TIME.
21. ALL EROSION CONTROL MEASURES SHALL BE ROUTINELY INSPECTED, CLEANED AND REPAIRED OR REPLACED AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION. IN ADDITION, INSPECTIONS SHALL TAKE PLACE WEEKLY AND BEFORE AND AFTER EACH RAINFALL EVENT.
22. ALL PROPOSED SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH JUTE MESH AND PROTECTED FROM EROSION UNTIL WORK IS COMPLETE AND GROUND COVER IS ESTABLISHED.
23. THE CONTRACTOR SHALL KEEP ON SITE AT ALL TIMES ADDITIONAL TUBULAR BARRIERS FOR INSTALLATION AT THE DIRECTION OF THE ENGINEER OR THE TOWN ENGINEER TO MITIGATE ANY EMERGENCY CONDITION.
24. AS CONSTRUCTION DISTURBANCE IS GREATER THAN 1 ACRE, A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT NOI AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WILL NEED TO BE SUBMITTED TO THE EPA. THE NPDES PERMIT FOR STORM WATER DISCHARGE, & CONSTRUCTION GENERAL PERMIT NOI WILL BE REQUIRED TO BE SUBMITTED AT LEAST 14 DAYS PRIOR TO COMMENCING CONSTRUCTION BY THE CONTRACTOR.
25. OWNER AND CONTRACTOR ARE RESPONSIBLE FOR COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT NOI. WEEKLY SWPPP INSPECTION REPORTS TO BE PERFORMED BY CONTRACTOR. COPIES OF ALL SWPPP INSPECTION REPORTS SHALL BE PROVIDED TO THE LOCAL MUNICIPALITY, EPA, DEP, OR ANY OTHER AUTHORITY REQUESTING WITHIN 3 DAYS OF EACH INSPECTION.
26. APPLICABLE WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL, MA DEP, EPA CONSTRUCTION GENERAL PERMIT STANDARDS. ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE SITE PLAN REGULATIONS FROM THE LOCAL AND USDA SOIL CONSERVATION SERVICE VEGETATIVE PRACTICES IN SITE DEVELOPMENT.
27. A WATERING TRUCK SHALL BE USED TO PERIODICALLY SPRINKLE CONSTRUCTION AREAS IN ORDER TO KEEP THE LEVEL OF DUST TO A MINIMUM DURING THE DRY MONTHS AND AS REQUIRED.
28. IF DEWATERING IS NECESSARY IT SHALL ONLY BE COMPLETED AS FOLLOWS: THE DISCHARGE SHALL BE STOPPED IMMEDIATELY IF THE RECEIVING AREA SHOWS ANY SIGN OF INSTABILITY OR EROSION. ALL CHANNELS, SWALES, AND DITCHES DUG FOR DISCHARGING WATER FROM THE EXCAVATED AREA SHALL BE STABLE PRIOR TO DIRECTING DISCHARGE TO THEM. IF A CONSTRUCTION EQUIPMENT BUCKET IS USED, IT SHALL BE EMPTY. THE MATERIAL TO A STABLE AREA. NO DEWATERING SHALL OCCUR DURING PERIODS OF INTENSE, HEAVY RAIN. FLOW TO THE SEDIMENT REMOVAL STRUCTURE SHALL NOT EXCEED THE STRUCTURE'S CAPACITY TO SETTLE AND FILTER FLOW OR ITS VOLUME CAPACITY. WHENEVER POSSIBLE, THE DISCHARGE FROM THE SEDIMENT REMOVAL STRUCTURE SHALL DRAIN TO A WELL-VEGETATED BUFFER BY SHEET FLOW WHILE MAXIMIZING THE DISTANCE TO THE NEAREST WATER RESOURCE AND MINIMIZING THE SLOPE OF THE BUFFER AREA. THERE SHALL BE NO DIRECT DISCHARGE TO EXISTING WETLANDS OR STREAMS. ALL DISCHARGE SHALL BE IN COMPLIANCE WITH STATE, LOCAL, AND FEDERAL REQUIREMENTS.
29. INITIATE STABILIZATION OF EXPOSED AREAS IMMEDIATELY IF CONSTRUCTION WORK TEMPORARILY OR PERMANENTLY CEASES.
30. ALL DISCHARGES FROM POLLUTION SOURCES ARE PROHIBITED ONSITE SUCH AS FUELS, WASTEWATER FROM WASH OUT OF CONCRETE, WASTEWATER FROM CLEAN OUT OF PAINTS, FORM RELEASE OILS, SOLVENTS, ADHESIVES, CURING COMPOUNDS, POLLUTANTS USED FOR MAINTENANCE OF VEHICLES AND EQUIPMENT, SOAPS & SOLVENTS, TOXIC OR HAZARDOUS SUBSTANCES, CHEMICALS AND OILS. IF A POLLUTANT IS DISCHARGED IT NEEDS TO BE IMMEDIATELY CLEANED UP BY REMOVING THE CHEMICAL AND AFFECTED SOIL OR AREA OF SPILL FROM THE SITE IN ACCORDANCE WITH BOTH THE MANUFACTURER RECOMMENDATIONS, FEDERAL, STATE, AND LOCAL REQUIREMENTS. DO NOT HOSE DOWN AND SPREAD SPILLED ITEM. ALL CHEMICALS USED ON THE SITE SHALL BE IN LEAK-PROOF CONTAINERS STORED AWAY FROM WETLANDS, SURFACE WATERS, STORMWATER INLETS, AND DRAINAGE MEASURES. SPILL KITS SHALL BE AVAILABLE ONSITE FOR EMERGENCY USE. THERE SHALL BE A SECONDARY CONTAINMENT MEASURE OF ALL CHEMICALS IN ADDITION TO SPILL-PROOF CONTAINERS.
31. PRIOR TO COMMENCEMENT OF CONSTRUCTION, APPLICABLE CONTRACTOR PERSONNEL MUST HAVE AN UNDERSTANDING OF THE EPA CONSTRUCTION GENERAL PERMIT REQUIREMENTS AND THEIR SPECIFIC RESPONSIBILITIES UNDER THE PERMIT. AT A MINIMUM, PERSONNEL MUST BE TRAINED AND UNDERSTAND THE FOLLOWING: LOCATION OF ALL STORMWATER CONTROLS AND HOW TO MAINTAIN THEM. PROCEDURES FOR COMPLYING WITH THE POLLUTION PREVENTION REQUIREMENTS. PROCEDURES FOR CONDUCTING INSPECTIONS, RECORDING FINDINGS, AND TAKING CORRECTIVE ACTION.
32. ALL SEDIMENT TRACKED ONTO ROADWAYS MUST BE REMOVED AT END OF EACH WORK DAY.
33. ALL USE OF CATIONIC TREATMENT CHEMICALS (EXAMPLES INCLUDE POLYMERS, CHITOSAN, CATIONIC PAM, FLOCCULANTS OR OTHER CHEMICAL UTILIZED FOR STABILIZATION) ARE PROHIBITED. IF ALL OTHER AVAILABLE STABILIZATION MEASURES ARE NOT POSSIBLE AND USE OF CATIONIC CHEMICALS IS ABSOLUTELY NECESSARY THE CONTRACTOR WILL NEED TO CONTACT THE EPA NEW ENGLAND OFFICE IN WRITING FOR APPROVAL AND SPECIFIC REQUIREMENTS (MAXIMUM DOSAGE RATE, RESIDUAL TESTING, SPECIFIC LIMITATIONS, ETC) PRIOR TO USE.

34. IF USING NON-VEGETATIVE STABILIZATION MEASURES, IT MUST BE COMPLETED NO LATER THAN 14 DAYS AFTER INITIATING STABILIZATION. ALL AREAS OF EXPOSED SOILS MUST BE COVERED.
35. INSPECTIONS OF EROSION CONTROL MEASURES SHALL BE AT LEAST ONCE EVERY 7 DAYS BY THE CONTRACTOR. AT A MINIMUM INSPECTIONS SHALL INCLUDE ALL DISTURBED AREAS, ALL STORMWATER CONTROLS AND POLLUTION PREVENTION MEASURES. ALL LOCATIONS WHERE STABILIZATION MEASURES HAVE BEEN IMPLEMENTED, EQUIPMENT AND MATERIAL STORAGE AREAS, ALL AREAS WHERE STORMWATER FLOWS AND ALL POINTS OF DISCHARGE. WHEN CORRECTIVE ACTIONS ARE REQUIRED, THE CONTRACTOR MUST IMMEDIATELY TAKE ALL STEPS TO PREVENT POLLUTANT DISCHARGES UNTIL A PERMANENT SOLUTION IS IMPLEMENTED. AS NECESSARY NEW OR MODIFIED CONTROLS MUST BE INSTALLED AND OPERATIONAL, THE REPAIR MUST BE COMPLETED WITHIN 7 DAYS FROM THE TIME OF DISCOVERY. WITHIN 24 HOURS OF A TRIGGERING CONDITION OCCURRING THAT REQUIRES A CORRECTIVE ACTION, A CORRECTIVE ACTION REPORT MUST BE COMPLETED.

MAINTENANCE:

1. ALL MEASURES STATED ON THE STORMWATER POLLUTION PREVENTION PLANS, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION BY CONTRACTOR UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
 - INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
 - ALL SEEDING AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A HEALTHY STAND OF GRASS IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDING AS NEEDED.
 - ALL SEDIMENT CONTROLS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE TUBULAR SEDIMENT CONTROLS WHEN IT REACHES HALF THE HEIGHT OF THE CONTROL MEASURE OR AS REQUESTED BY THE OWNER OR ENGINEER.
 - THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
 - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
 - OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.

CONSTRUCTION GENERAL PERMIT NOTES AND NARRATIVE:

1. NARRATIVE: THE STORMWATER POLLUTION PREVENTION PLANS CONSIST OF THE SITE PREPARATION PLAN TOGETHER WITH AN EXISTING CONDITIONS PLANS, GRADING PLANS, ABBREVIATIONS AND NOTES SHEETS, AND DETAIL SHEETS.
2. THE EROSION CONTROL PLAN WILL BE IMPLEMENTED TO:
3. TREAT EROSION AS SOON AS POSSIBLE AFTER DISTURBANCE.
4. PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA AND ENTERING THE RECEIVING WATERS.
5. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO MINIMIZE EROSION.
6. ONLY DISTURB, CLEAR, OR GRADE AREAS NECESSARY FOR CONSTRUCTION.

M:\PROJECTS\1179-20A\CIVIL\DRAWINGS\CURRENT\C-1179-20A_ABBREVIATIONS & NOTES.DWG

**ISSUED FOR
NOTICE OF INTENT
OCTOBER 17, 2024**



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

REV	DATE	DESCRIPTION

APPLICANT/OWNER:
FIFTY-FIVE SAXON HINGHAM LLC
25 RECREATION PARK DRIVE, SUITE 204
HINGHAM, MA 02043

PROJECT:
**OFFICE BUILDING
55 INDUSTRIAL
PARK ROAD
HINGHAM, MA**

PROJECT NO.: 1179-20A **DATE:** 10-17-2024

SCALE: NONE **DWG. NAME:** C-1179-20

DESIGNED BY: PLC **CHECKED BY:** PLC

PREPARED BY:

**ALLEN & MAJOR
ASSOCIATES, INC.**

civil engineering • land surveying
environmental consulting • landscape architecture
www.allenmajor.com

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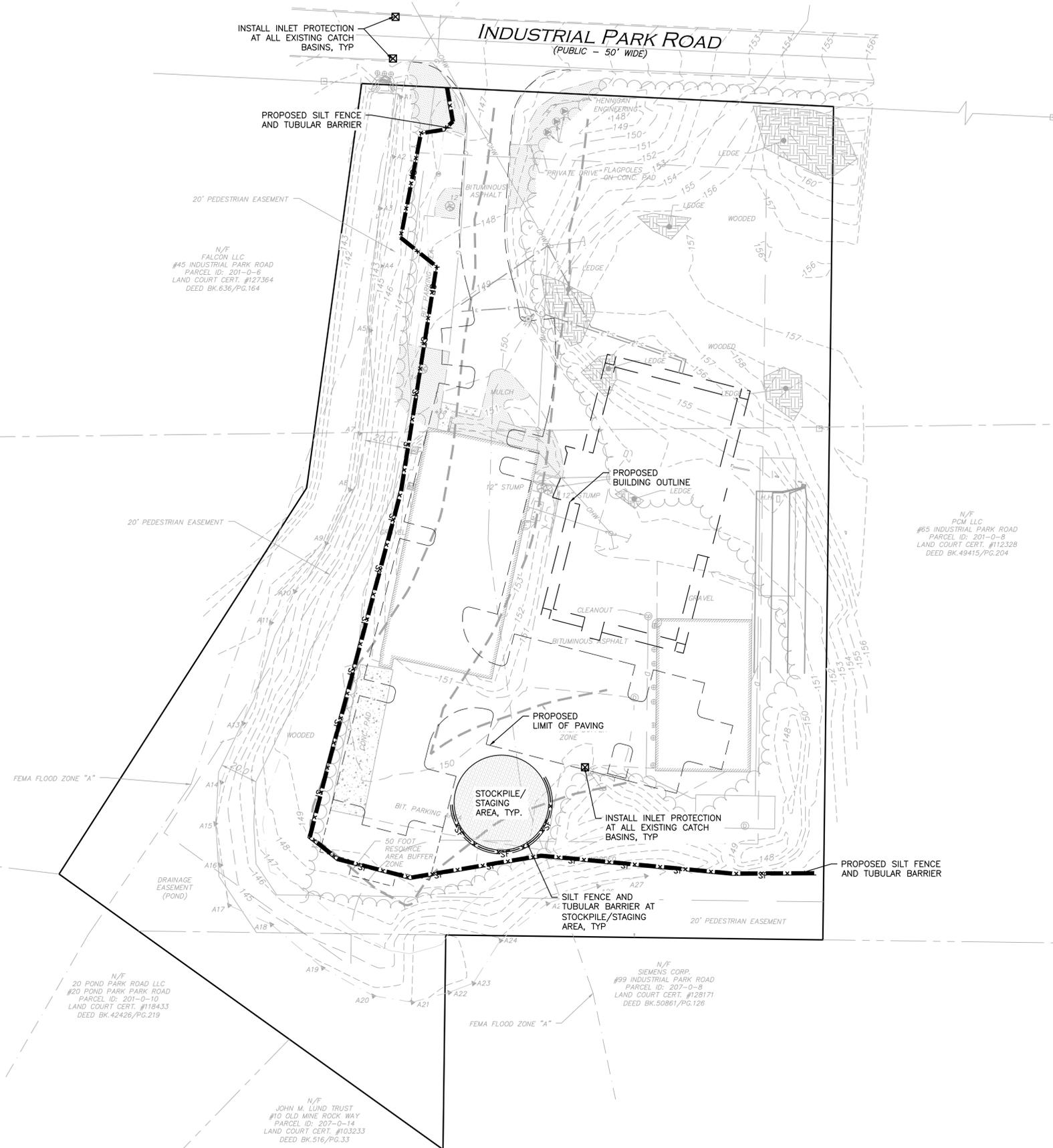
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DRAWING TITLE: ABBREVIATIONS & NOTES	SHEET No. C-002
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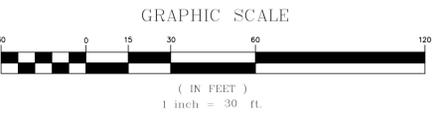
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1-888-344-7233



LEGEND	
SILT FENCE	— SF —
TUBULAR BARRIER	— X — X —
STOCKPILE/STAGING AREA	[Hatched Box]
CATCH BASIN FILTER	☒

- NOTES:**
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
 - ALL ELEVATIONS REFER TO NAVD 88.
 - THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. IT'S INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.
 - THE CONTRACTOR SHALL CONTACT "DIGSAFE" AND THE TOWN OF HINGHAM DEPARTMENT OF PUBLIC WORKS AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST THE LOCATION OF THE EXISTING UTILITIES.

DIGSAFE: 1-800-344-7233
HINGHAM DEPT. OF PUBLIC WORKS: 1-781-741-1430
 - SEE THE ABBREVIATIONS AND NOTES PLAN, C-001 AND C-002 FOR GENERAL NOTES, AND EROSION CONTROL NOTES.



**ISSUED FOR
NOTICE OF INTENT**
OCTOBER 17, 2024



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

REV	DATE	DESCRIPTION

APPLICANT/OWNER:
FIFTY-FIVE SAXON HINGHAM LLC
25 RECREATION PARK DRIVE, SUITE 204
HINGHAM, MA 02043

PROJECT:
OFFICE BUILDING
55 INDUSTRIAL
PARK ROAD
HINGHAM, MA

PROJECT NO.	1179-20A	DATE:	10-17-2024
SCALE:	1" = 30'	DWG. NAME:	C-1179-20
DESIGNED BY:	PLC	CHECKED BY:	PLC

PREPARED BY:

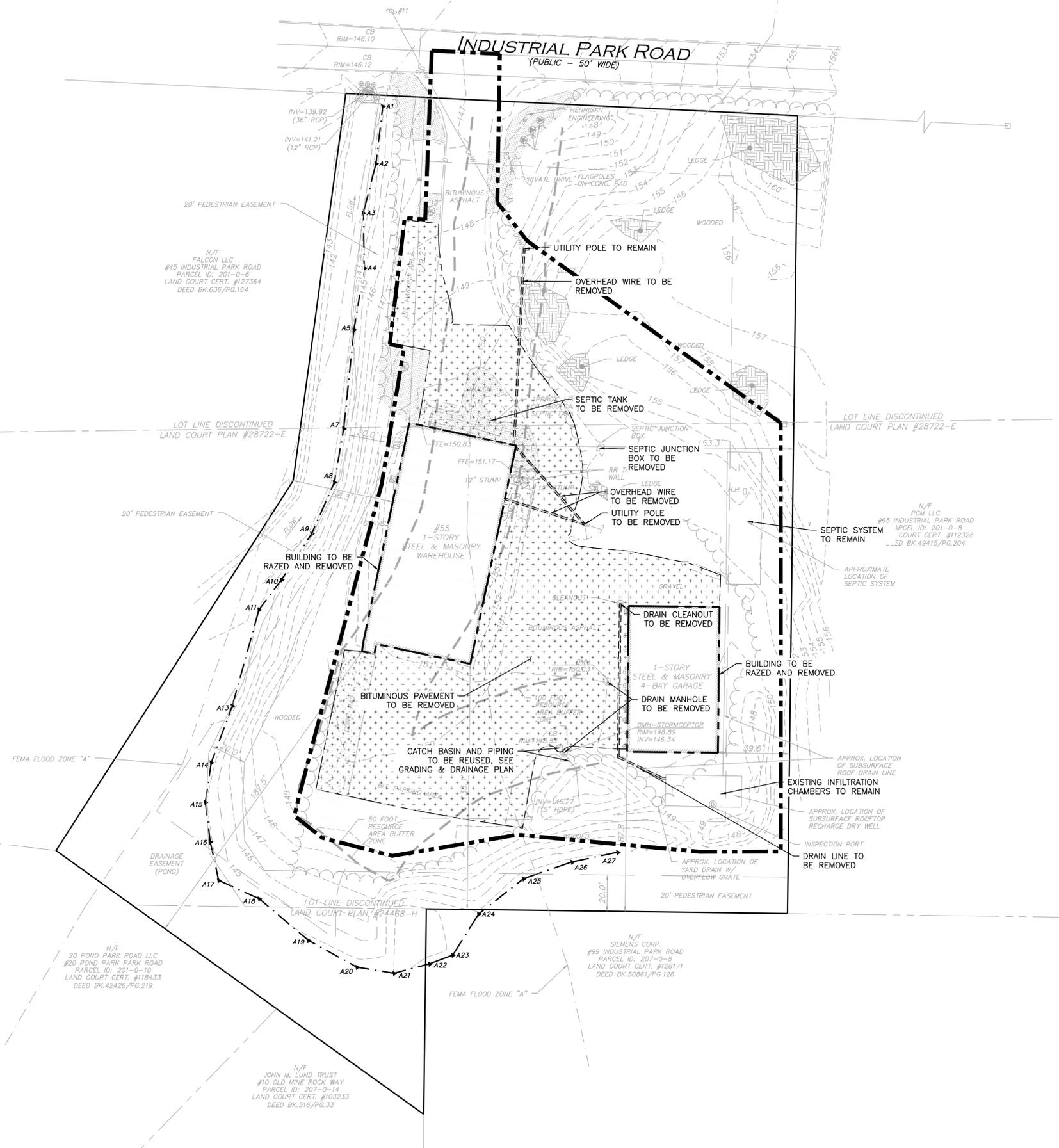
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DRAWING TITLE:	SHEET No.
EROSION CONTROL PLAN	C-101

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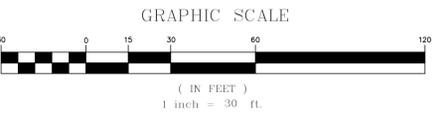
LEGEND

LIMIT OF DISTURBANCE

BUILDING TO BE REMOVED

PAVEMENT TO BE REMOVED

- NOTES:**
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
 - ALL ELEVATIONS REFER TO NAVD 88.
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 - THE CONTRACTOR SHALL CONTACT "DIGSAFE" AND THE TOWN OF HINGHAM DEPARTMENT OF PUBLIC WORKS AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST THE LOCATION OF THE EXISTING UTILITIES.
DIGSAFE: 1-800-344-7233
HINGHAM DEPT. OF PUBLIC WORKS: 1-781-741-1430
 - ALTHOUGH CERTAIN ITEMS HAVE BEEN NOTED ON THIS DRAWING FOR DEMOLITION, NO ATTEMPT HAS BEEN MADE TO DELINEATE EACH AND EVERY ITEM THAT REQUIRES DEMOLITION FOR THE COMPLETION OF THE PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION WORK TO COMPLETE THE PROJECT AT NO ADDITIONAL COST TO THE OWNER. ALLEN & MAJOR ASSOCIATES, INC. IS NOT RESPONSIBLE FOR SITE DEMOLITION ITEMS NOT SHOWN ON THE SURVEY, OR SPECIFICALLY NOTED. THE DEMOLITION NOTES AND ARROWS ON THIS PLAN ARE TYPICAL AND DO NOT REFLECT QUANTITY.



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OCTOBER 17, 2024



PROFESSIONAL ENGINEER FOR ALLEN & MAJOR ASSOCIATES, INC.

APPLICANT/OWNER:
FIFTY-FIVE SAXON HINGHAM LLC
25 RECREATION PARK DRIVE, SUITE 204
HINGHAM, MA 02043

PROJECT:
OFFICE BUILDING
55 INDUSTRIAL
PARK ROAD
HINGHAM, MA

PROJECT NO.	1179-20A	DATE:	10-17-2024
SCALE:	1" = 30'	DWG. NAME:	C-1179-20
DESIGNED BY:	PLC	CHECKED BY:	PLC

PREPARED BY:

ALLEN & MAJOR ASSOCIATES, INC.
civil engineering • land surveying
environmental consulting • landscape architecture
www.allenmajor.com
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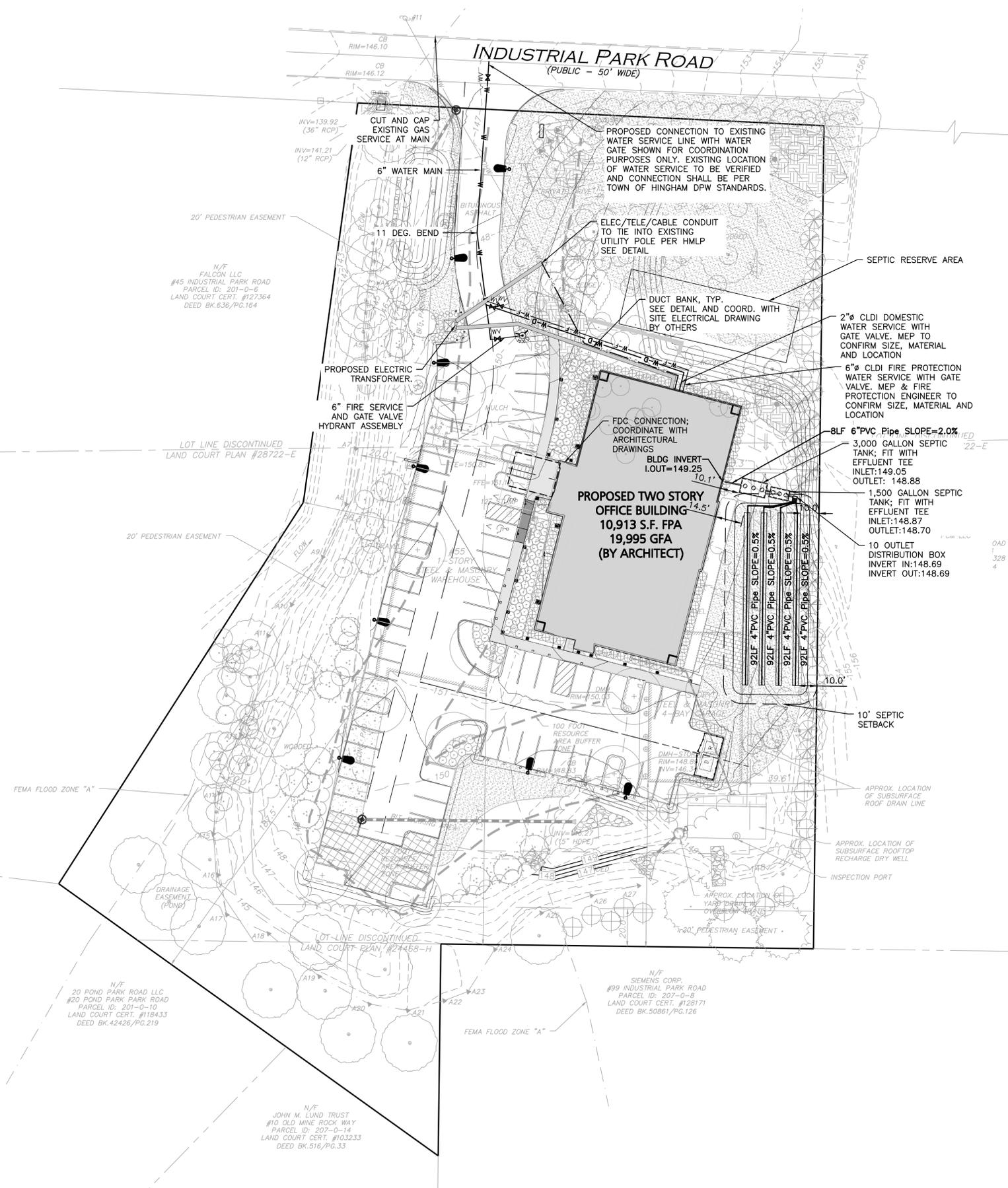
DRAWING TITLE: **SITE PREPARATION PLAN** SHEET No. **C-102**

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DIG SAFE

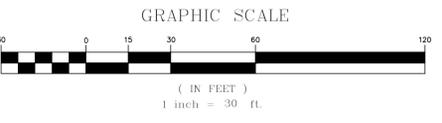
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1-888-DIG-SAFE
1-888-344-7233



LEGEND

- SEWER LINE
- ELEC/TELE/CABLE CONDUIT
- CONCRETE PIPE ENCASEMENT
- WATER LINE
- WATER (FIRE SERVICE)
- WATER (DOMESTIC SERVICE)
- WATER VALVE
- GAS LINE
- GAS VALVE
- SEPTIC/HOLDING TANK

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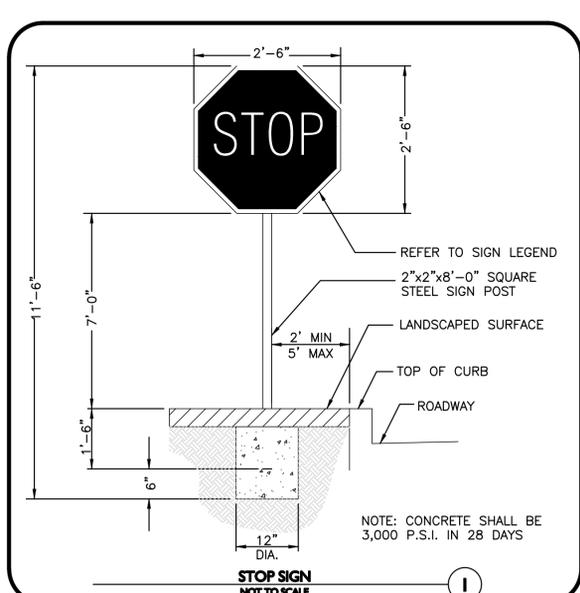
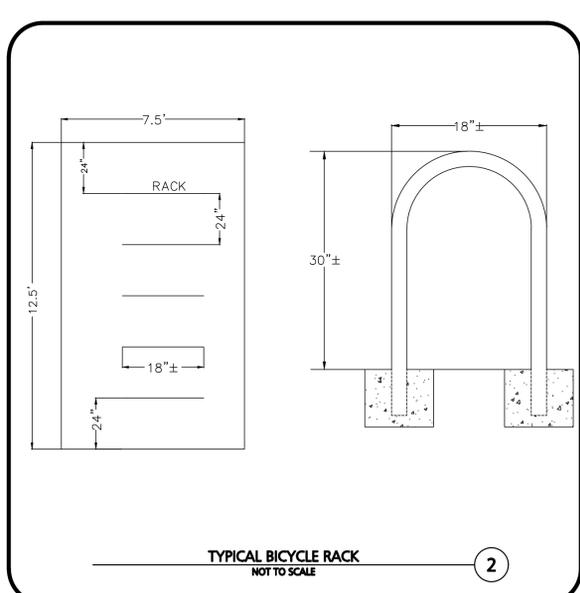
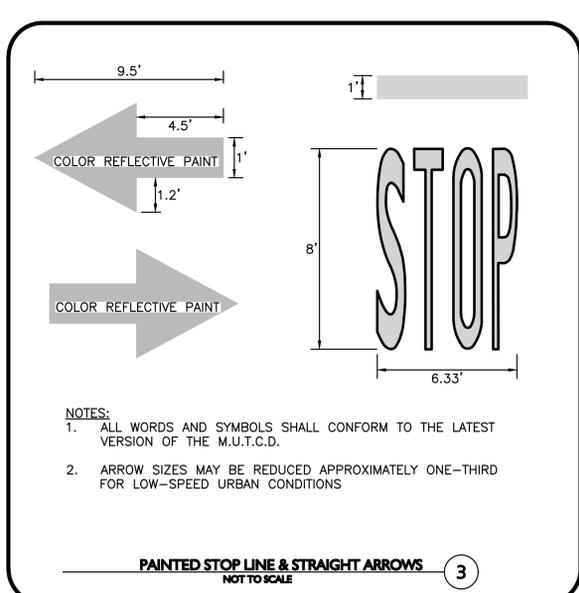
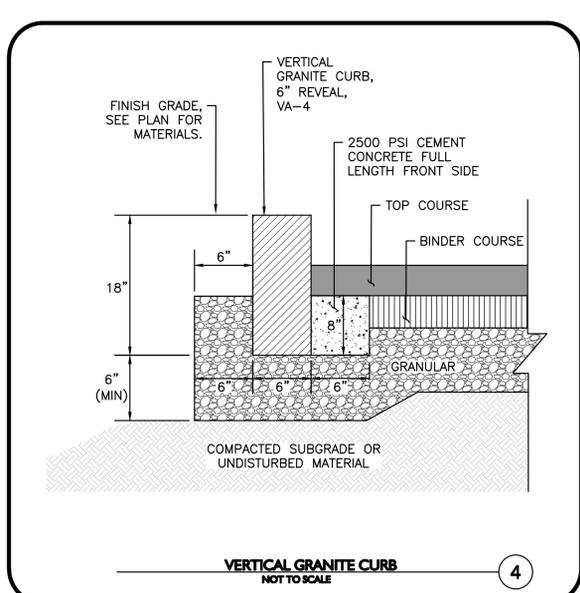
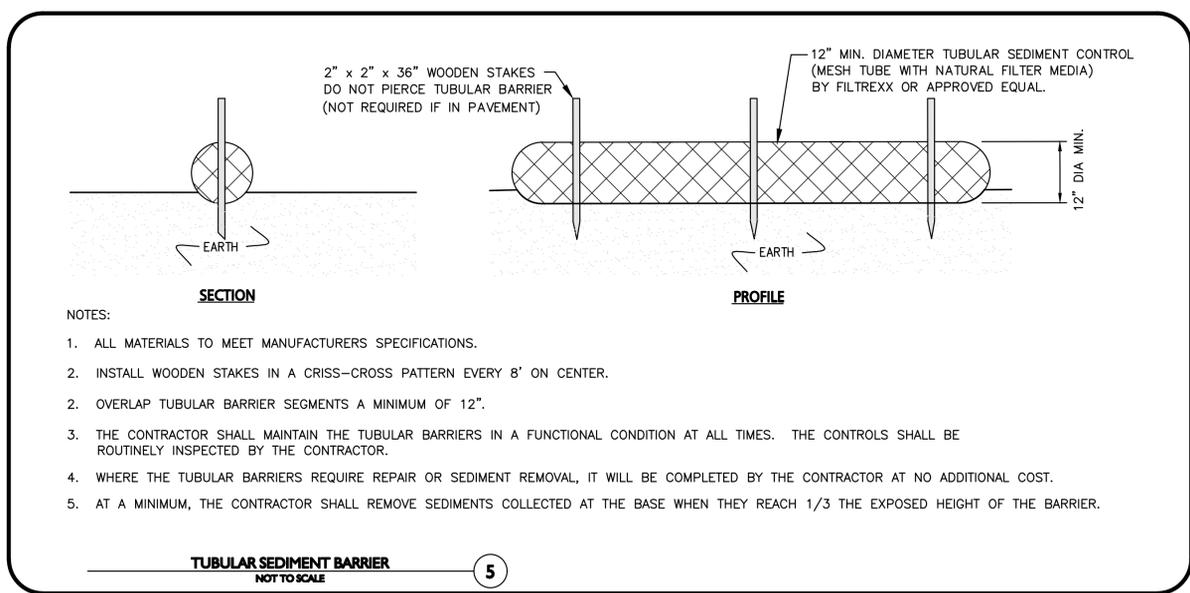
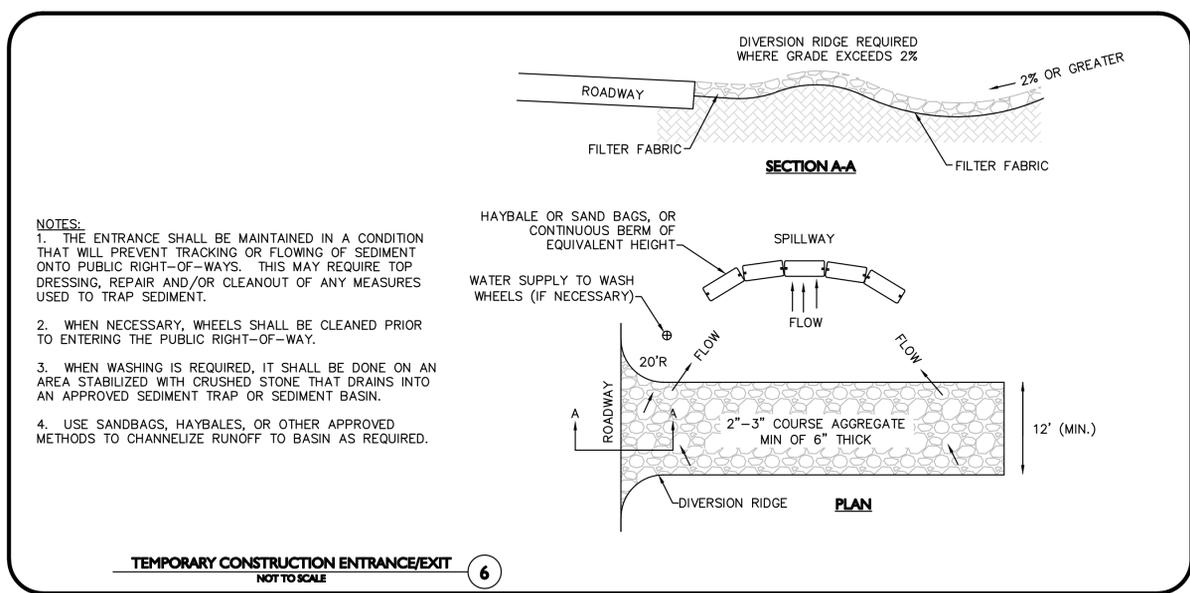
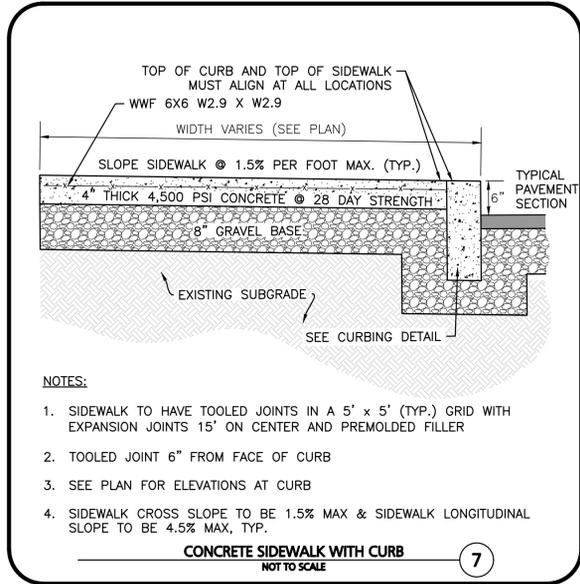
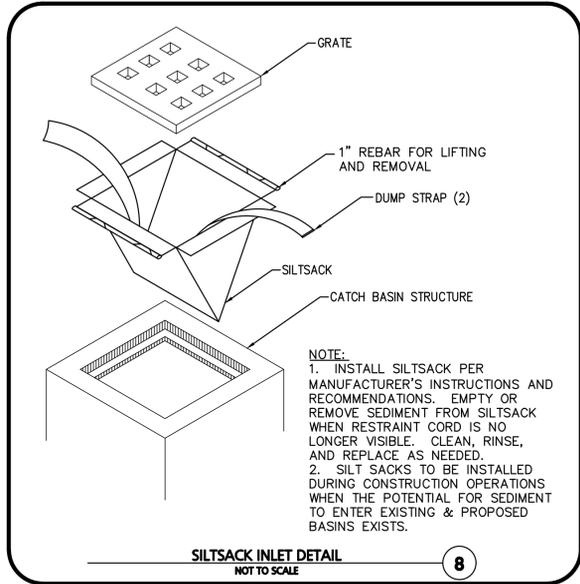
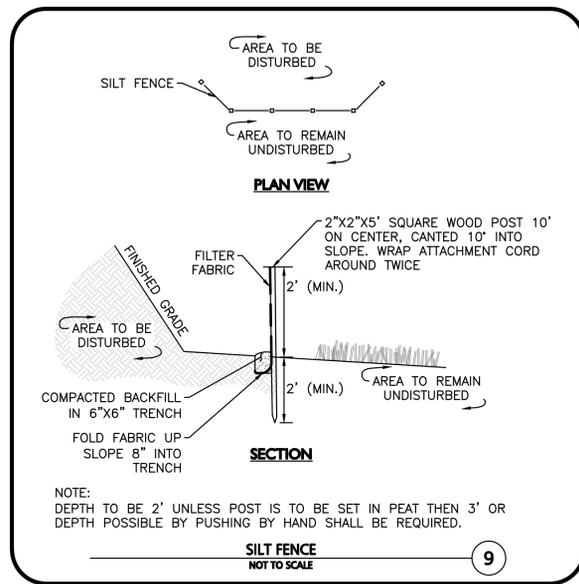
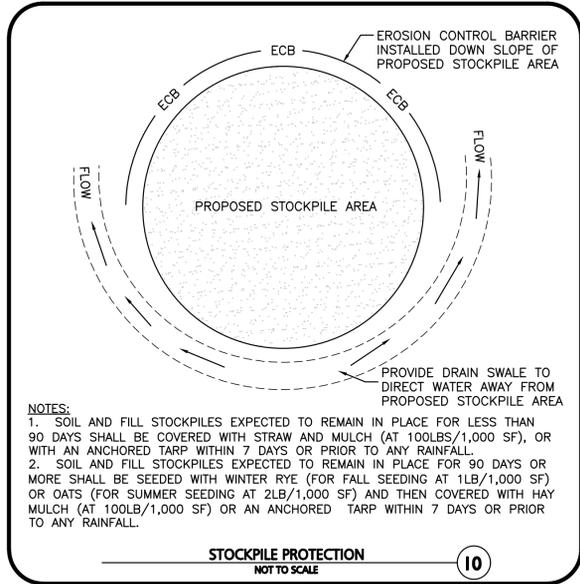
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DRAWING TITLE:	SHEET No.
UTILITIES PLAN	C-105

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REV	DATE	DESCRIPTION

APPLICANT/OWNER:
FIFTY-FIVE SAXON HINGHAM LLC
25 RECREATION PARK DRIVE, SUITE 204
HINGHAM, MA 02043

PROJECT:
OFFICE BUILDING
55 INDUSTRIAL
PARK ROAD
HINGHAM, MA

PROJECT NO. 1179-20A DATE: 10-17-2024

SCALE: AS SHOWN DWG. NAME: C-1179-20

DESIGNED BY: PLC CHECKED BY: PLC

PREPARED BY:

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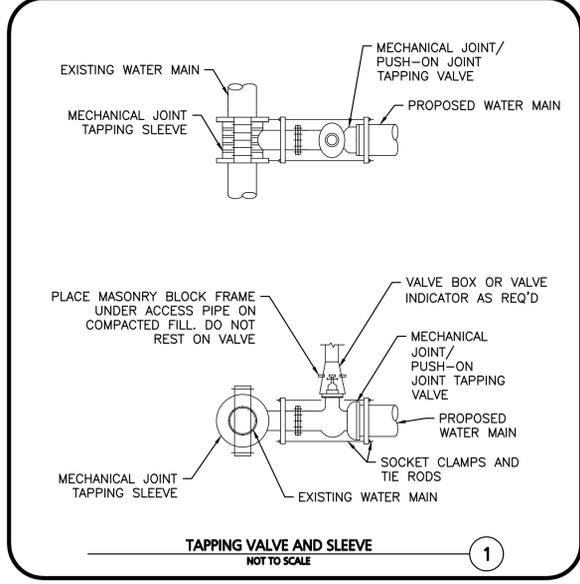
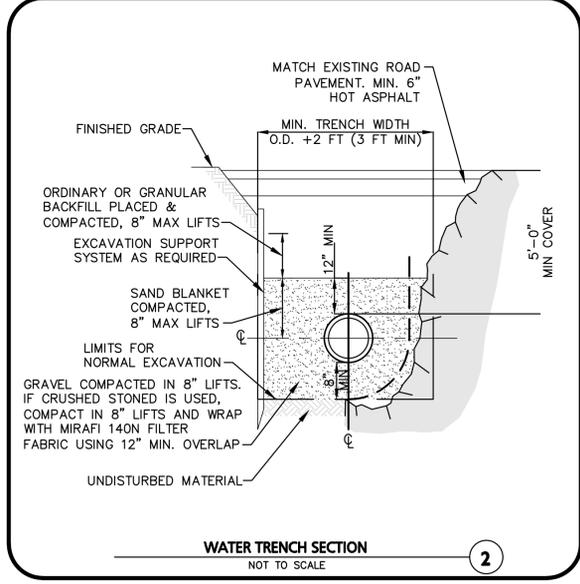
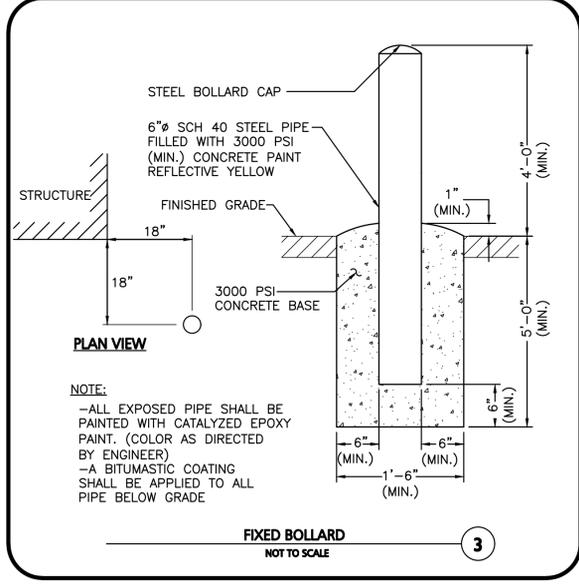
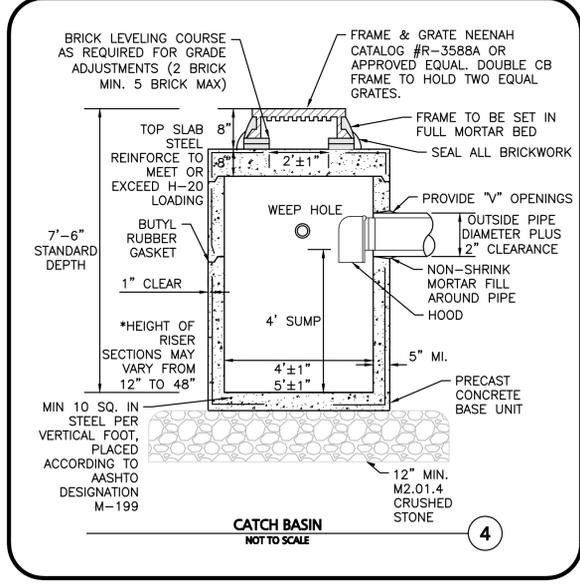
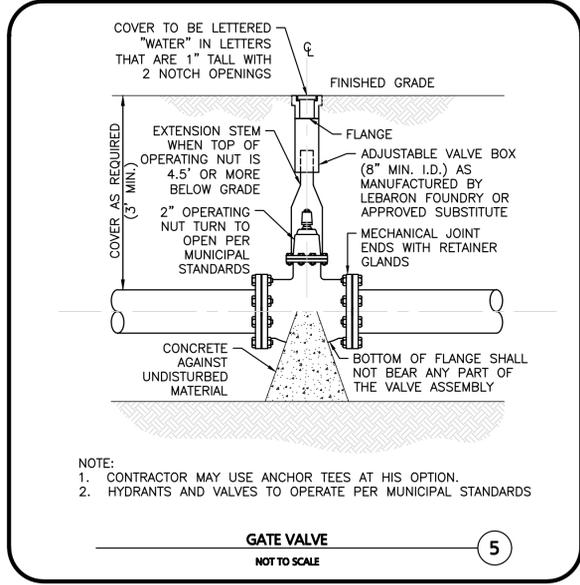
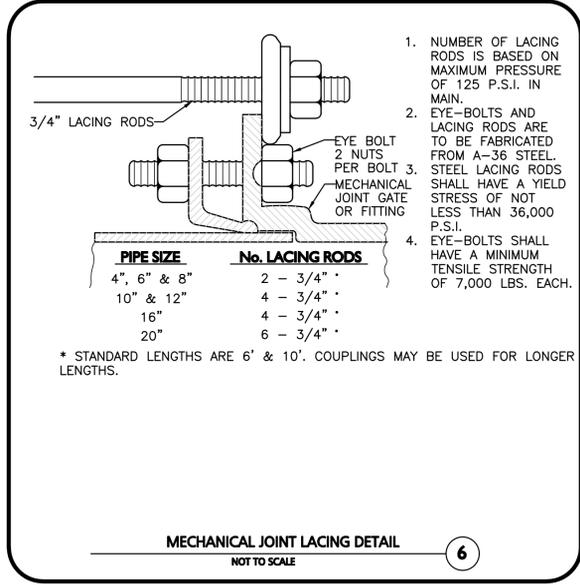
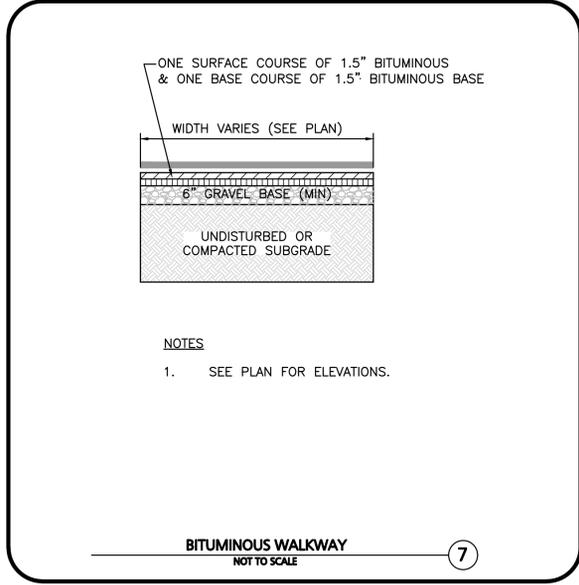
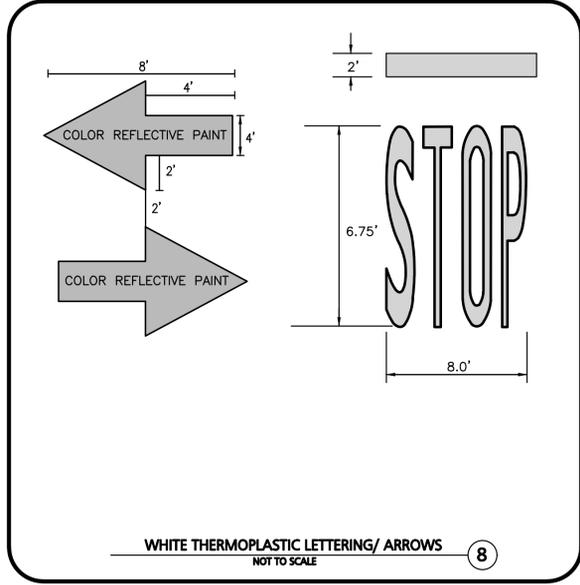
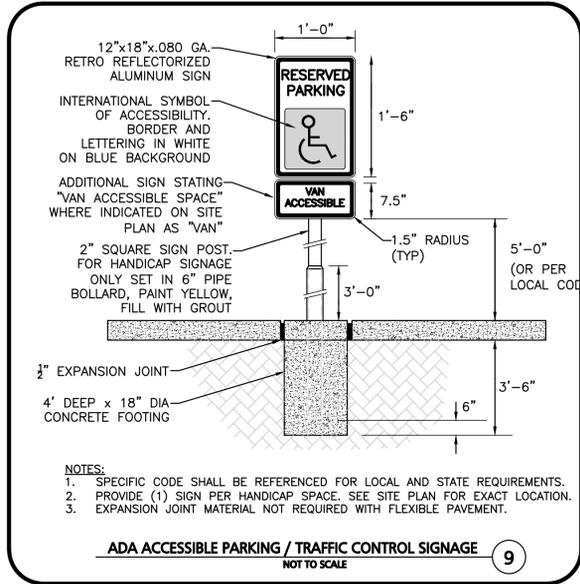
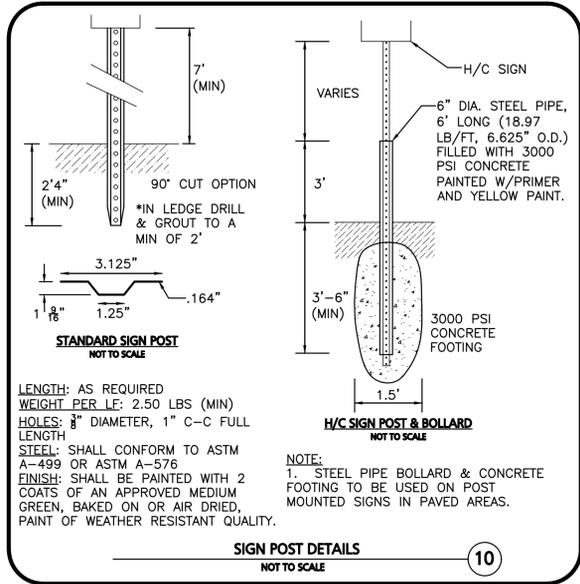
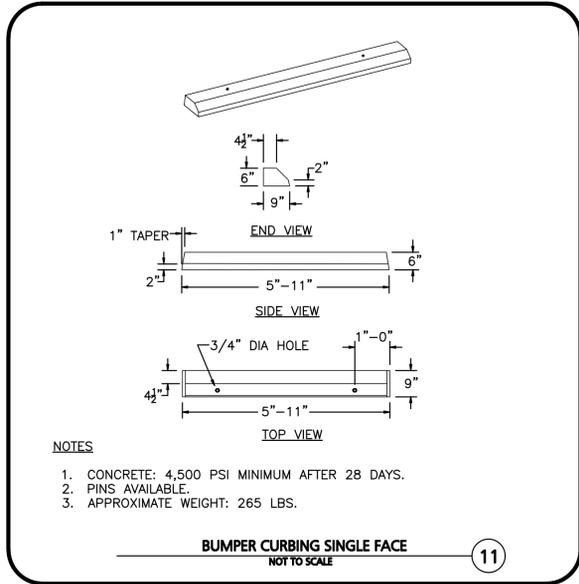
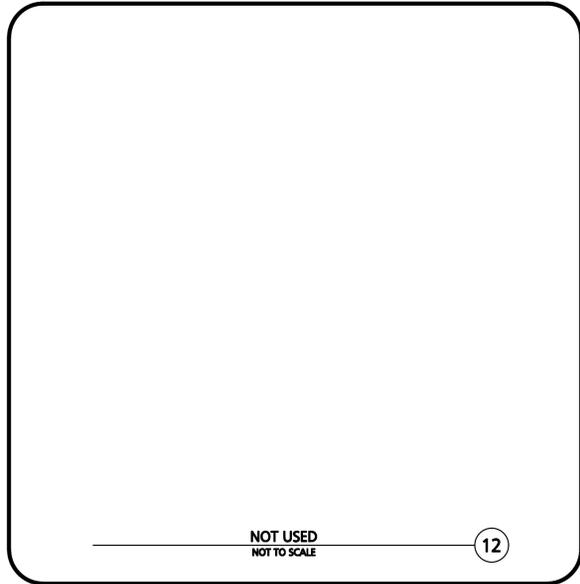
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OCTOBER 17, 2024**



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

REV	DATE	DESCRIPTION

APPLICANT/OWNER:
FIFTY-FIVE SAXON HINGHAM LLC
25 RECREATION PARK DRIVE, SUITE 204
HINGHAM, MA 02043

PROJECT:
OFFICE BUILDING
55 INDUSTRIAL
PARK ROAD
HINGHAM, MA

PROJECT NO. 1179-20A DATE: 10-17-2024
SCALE: AS SHOWN DWG. NAME: C-1179-20
DESIGNED BY: PLC CHECKED BY: PLC

PREPARED BY:

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civil engineering • land surveying
environmental consulting • landscape architecture
www.allenmajor.com
10 MAIN STREET
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8

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7

HMLP BOLLARDS
NOT TO SCALE

6

HMLP CONSTRUCTION NOTES
NOT TO SCALE

5

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OCTOBER 17, 2024



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

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25 RECREATION PARK DRIVE, SUITE 204
HINGHAM, MA 02043

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HINGHAM, MA

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DESIGNED BY: PLC CHECKED BY: PLC

PREPARED BY:



ALLEN & MAJOR
ASSOCIATES, INC.

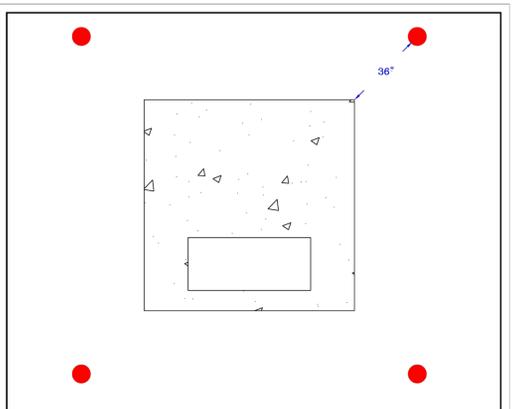
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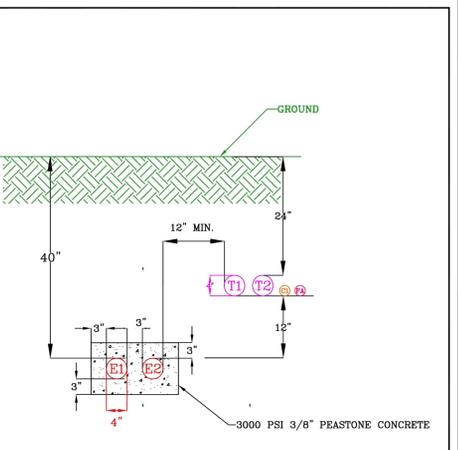


NOTES
1. BOLLARDS TO BE MINIMUM SIX INCHES IN DIAMETER. STEEL PIPE FILLED WITH CONCRETE.
2. BOLLARDS TO BE MINIMUM THREE FEET IN THE GROUND ENCASED IN CONCRETE.
3. BOLLARDS TO EXTEND THREE FEET ABOVE FINAL GRADE LEVEL.
4. BOLLARDS TO BE THREE FEET AWAY FROM THE CORNERS OF THE EQUIPMENT VAULTS AS SHOWN IN THE FIGURE ABOVE AS TO NOT INTERFERE WITH THE OPERATION OF THE EQUIPMENT DOORS.
5. BOLLARDS TO BE INSTALLED WHERE THE EQUIPMENT VAULTS ARE LESS THAN FIVE FEET AWAY FROM THE EDGE OF PAVEMENT.

HINGHAM MUNICIPAL LIGHTING PLANT
ENGINEERING DEPARTMENT
HINGHAM, MASSACHUSETTS
FIGURE 18
DATE: 10/17/24
SCALE: 1/8" = 1'-0"
SHEET 6 OF 12

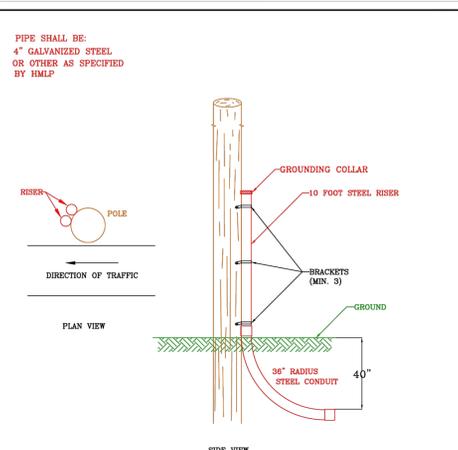
NOTES
1. ALL TRENCHES SHALL BE EITHER UNDISTURBED OR COMPACTED EARTH. NO ROCKS LARGER THAN 2 INCHES IN DIAMETER SHALL BE PRESENT IN THE FINISH BASE OR THE FINISH MATERIAL.
2. ALL PRIMARY AND SECONDARY CONDUITS MUST BE 4" SCH 40 PFC ENCASED IN CONCRETE UNLESS OTHERWISE SPECIFIED BY HMLP. CONCRETE SHALL BE A MINIMUM OF TWO FEET WITH 3" OF PEASTONE AND SHALL ENCASE THE CONDUIT WITH A MINIMUM OF 2" OF COVER.
3. THE MINIMUM COVER FOR ALL TRENCHES SHALL BE A MINIMUM OF 24 INCHES ABOVE THE FINISH GRADE UNLESS OTHERWISE SPECIFIED BY HMLP.
4. THE MINIMUM COVER FOR ALL TRENCHES SHALL BE 18 INCHES UNLESS OTHERWISE SPECIFIED BY HMLP.
5. ALL CONDUITS MUST HAVE MECHANICAL CONNECTIONS. ALL CONDUITS MUST BE MARKED, PROTECTED AND IDENTIFIED BY HMLP PERSONNEL. ALL TRENCHES MUST BE ONE CONTINUOUS PIECE FOR EACH CONDUIT FOR ACCURATE MEASUREMENTS. CONTRACTOR MUST TAKE MEASUREMENTS, RECORD THEM ON AN AS-BUILT AND PROVIDE THEM TO HMLP.
6. ALL CONDUIT PADS AND VAULT INSTALLATION AS SHOWN IN THE PROVIDED PLANS MUST BE INSPECTED BY AN HMLP REPRESENTATIVE BEFORE ENCASED IN CONCRETE OR BACKFILLING. A MINIMUM OF FIVE FEET FROM THE TRENCH MUST BE OPEN FOR INSPECTION PURPOSES.
7. ALL TRANSFORMER PADS, SPUR VAULTS AND CABINETS SHALL BE LOCATED IN THE UTILITY BUILDING. A MINIMUM OF FIVE FEET AWAY FROM ANY DRIVEWAYS, SIDEWALKS AND SIDEWALKS. BOLLARDS MUST BE INSTALLED AS SHOWN AROUND ANY EQUIPMENT THAT IS LESS THAN TEN FEET FROM ANY DRIVEWAYS, SIDEWALKS AND SIDEWALKS.
8. CONDUITS SHALL ENTER THE SINGLE-PHASE TRANSFORMER PADS, HAND-HOLES AND CABINETS FROM THE BOTTOM AS SHOWN IN THE PLANS.
9. CONDUITS SHALL USE EXTENSION-DRUMS FOR THE SINGLE-PHASE TRANSFORMER PADS, HAND-HOLES AND THREE-PHASE TRANSFORMER VAULTS HAVE SADDLES ON THE SIDE FOR CONDUIT ENTRY.
10. ALL TRANSFORMER PADS, PRIMARY SPUR VAULTS AND CABINETS SHALL HAVE GROUNDING GRIDS INSTALLED AS SHOWN IN THE DETAIL DRAWINGS. THE GROUNDING GRID SHALL BE INSTALLED APPROXIMATELY TWO FEET BELOW GRADE LEVEL AND THE CONNECTIONS SHALL BE MECHANICAL. ENOUGH BLACK SHALL BE LEFT INSIDE THE VAULT TO EXTEND TWO FEET ABOVE THE VAULT SURFACE.
11. ALL TRANSFORMER PADS, HAND-HOLES, MANHOLES AND PRIMARY SPUR VAULTS AND CABINETS SHALL BE INSTALLED ON 12 INCHES OF 3/4" INCH STONE FOR DRAINAGE PURPOSES.
12. SWEEP TO BENCH CONDUITS AND ROVER CONDUITS SHALL BE BENCH STEEL. ONE CONDUIT SHALL BE EXTENDED TEN FEET UP THE POLE WITH FIBER OPTIC INSTALLED ON THE SECOND-FLOOR CONDUIT SHOULD BE CAPTED AT ROVER. LOCATION OF ROVER CONDUIT TO BE DETERMINED BY HMLP.
13. HMLP SHALL DETERMINE THE CONDITION AND STABILITY OF A POTENTIAL ROVER POLE PRIOR TO ANY WORK PROPOSED BY CONTRACTOR.
14. FOR SINGLE-PHASE TRANSFORMER PADS USE MORGAN FIBERGLASS PAD #28-97-45-282-25-2. MORGAN PRODUCTS 16-46-90 OR EQUIVALENT.
15. FOR THREE-PHASE TRANSFORMER UP TO 500 KVA USE UTILITY PRECAST PC-3-46-3 VAULT OR EQUIVALENT.
16. FOR THREE-PHASE TRANSFORMER OVER 500 KVA USE UTILITY PRECAST PC-3-46-3 VAULT OR EQUIVALENT.
17. FOR SECONDARY SPUR VAULTS USE CARBON INSULATED M-SERIES 30-18 VAULT CODE JAC-30-18-1A OR EQUIVALENT UNLESS OTHERWISE NOTED BY HMLP. SECONDARY VAULTS SHALL BE EQUIPPED WITH TWO CONDUIT COVERS IN SERIALS AND WALKWAYS CARBON M-SERIES WALKWAY-30-18-1A OR EQUIVALENT FOR NON-TRAFFIC ROADS. USE CARBON M-SERIES WALKWAY-30-18 OR EQUIVALENT. INSTALL SECONDARY VAULTS AT GRADE LEVEL.
18. ALL SECONDARY WALKWAY COVERS MUST HAVE "ELECTRIC" EMBOSSED ON THEM.
19. FOR ABOVE-GROUND SPUR VAULTS USE MORGAN FIBERGLASS 30-18-1A-1A OR EQUIVALENT FOR SINGLE-PHASE APPLICATIONS AND MORGAN FIBERGLASS 30-18-1A-1A OR EQUIVALENT FOR THREE-PHASE APPLICATIONS. GROUNDING OF THESE CABINETS SHALL BE THE SAME AS THE TRANSFORMER PAD GROUNDING.
20. EACH STREET LIGHT COVER SHALL BE FINISHED AND COVER FINISH SHALL BE INSTALLED BY THE CONTRACTOR. HMLP WILL TERMINATE THE WIRE IN THE HAND-HOLE. STREET LIGHT WIRE SHALL BE INSTALLED FROM HAND-HOLE TO LIGHT BY CONTRACTOR. HMLP WILL TERMINATE THE WIRE IN THE HAND-HOLE.
21. UTILITY PRECAST OF MORGAN 20-18-1A CARRIES THE BARS FOR THE STREET LIGHTS. MENTION PROGRAM LIGHT WHEN ORDERING SINCE NO PART NUMBER IS AVAILABLE.
22. TELEPHONE, CABLE AND FIRE ALARM CONDUITS SHOWN IN TYPICAL UTILITY ELECTRICAL CROSS SECTION DRAWING ARE FOR REFERENCE PURPOSES ONLY. PLEASE CONSULT APPROPRIATE UTILITY COMPANY FOR THEIR REQUIREMENTS.
23. QUANTITY AND LOCATION OF OTHER UTILITY CONDUITS ON ROVER POLES MUST BE APPROVED BY HMLP BEFORE INSTALLATION.
24. METER SOCKETS SHALL BE ON THE CORNER OF THE BUILDING ON THE FRONT HALF. NO EXCEPTIONS. THE LOCATION OF THE METER SOCKET MUST BE APPROVED BY HMLP PRIOR TO ANY WORK PROPOSED BY CONTRACTOR.
25. METER SOCKETS SHALL BE EASILY ACCESSIBLE. NO OBSTRUCTIONS OF ANY KIND TO ACCESS THE METERS SHALL BE PERMITTED. A MINIMUM OF A THREE FOOT RADIUS OF CLEARANCE SHALL BE MAINTAINED AROUND THE METER SOCKET AT ALL TIMES.
26. ALL METER SOCKETS EXCEPT AS SHOWN SHALL BE EQUIPPED WITH A HAND DRUM.
27. THE CENTER OF THE METER SOCKET OPENING SHALL BE A MINIMUM OF FOUR FEET AND A MAXIMUM OF SIX FEET ABOVE FINAL GRADE.
28. SERVICE CONDUCTORS SHALL BE COPPER. ABSOLUTELY NO EXCEPTIONS.
29. ANY METER SOCKET THAT IS NOT WELL REQUIRE AN HMLP 1A-A AND A PERMIT FROM THE TOWN OF HINGHAM DEPARTMENT OF PUBLIC WORKS.
30. CONSULT WIRING INSPECTOR FOR OTHER SERVICE REQUIREMENTS.
31. CONTACT HMLP FOR NEW REQUIREMENTS ON UNDERGROUND SERVICES.

HINGHAM MUNICIPAL LIGHTING PLANT
ENGINEERING DEPARTMENT
HINGHAM, MASSACHUSETTS
FIGURE 19
DATE: 10/17/24
SCALE: 1/8" = 1'-0"
SHEET 7 OF 12



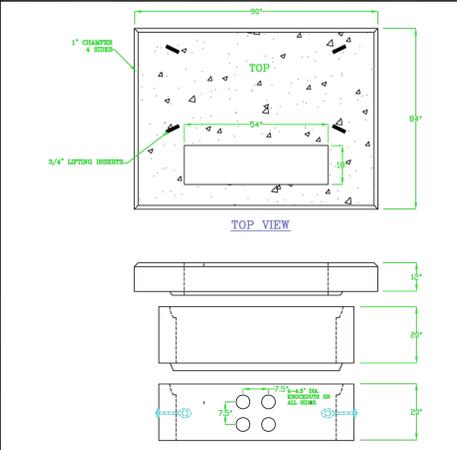
TYPICAL UTILITY DUCTBANK CROSS SECTION
(WORK BY CONTRACTOR)
NOT TO SCALE

HINGHAM MUNICIPAL LIGHTING PLANT
ENGINEERING DEPARTMENT
HINGHAM, MASSACHUSETTS
FIGURE 3
DATE: 10/17/24
SCALE: 1/8" = 1'-0"
SHEET 8 OF 12



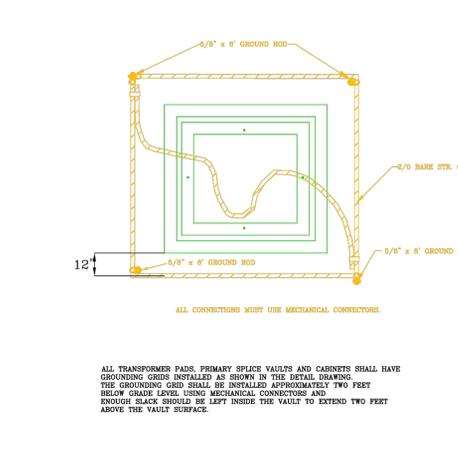
PRIMARY CONDUIT INSTALLATION ON RISER POLES
(WORK BY CONTRACTOR)
NOT TO SCALE

HINGHAM MUNICIPAL LIGHTING PLANT
ENGINEERING DEPARTMENT
HINGHAM, MASSACHUSETTS
FIGURE 1
DATE: 10/17/24
SCALE: 1/8" = 1'-0"
SHEET 9 OF 12



TRANSFORMER VAULT NOTES:
1. CONCRETE TO BE GOOD FOR HIGH EARLY STRENGTH.
2. ROVER SHALL BE REINFORCED WITH WIRE AND BARS.
3. TOP TO BE REINFORCED TO SUPPORT 8-20 WHEEL LOAD.
4. CONCRETE TO BE COMPACTED WITH VIBRATOR.
5. GALVANIZED PULL STEEL ON SPECIAL ORDER.
6. ADDITIONAL HOOT OPENING ON SPECIAL ORDER.
7. GROUNDING LEADS TO BE LAID IN ORDER TO EXTEND FIVE FEET ABOVE PAD OPENING.
8. CONDUIT OPENINGS TO HAVE HELL END FLUSH WITH INSIDE WALL.
9. PAD TO BE INSTALLED ON 12" MIN OF 3/4" CONCRETE STONE.
10. TOP OF PAD TO BE 4" ABOVE FINISHED GRADE.
11. 3/4" DIA. x 4" LONG FILL WITHIN TRENCHES STEEL TRENCH HEAD BOLT & CAPPED NUTTER (A) PLACED.
12. VAULT SHALL BE UTILITY PRECAST PC-3-46-3 VAULT OR EQUIVALENT.

HINGHAM MUNICIPAL LIGHTING PLANT
ENGINEERING DEPARTMENT
HINGHAM, MASSACHUSETTS
FIGURE 7
DATE: 10/17/24
SCALE: 1/8" = 1'-0"
SHEET 10 OF 12



TYPICAL GROUND GRID FOR TRANSFORMER PADS AND PRIMARY SPUR VAULTS
(WORK BY CONTRACTOR)
NOT TO SCALE

HINGHAM MUNICIPAL LIGHTING PLANT
ENGINEERING DEPARTMENT
HINGHAM, MASSACHUSETTS
FIGURE 5
DATE: 10/17/24
SCALE: 1/8" = 1'-0"
SHEET 11 OF 12

HMLP CONDUIT BANK
NOT TO SCALE

4

HMLP RISER POLE
NOT TO SCALE

3

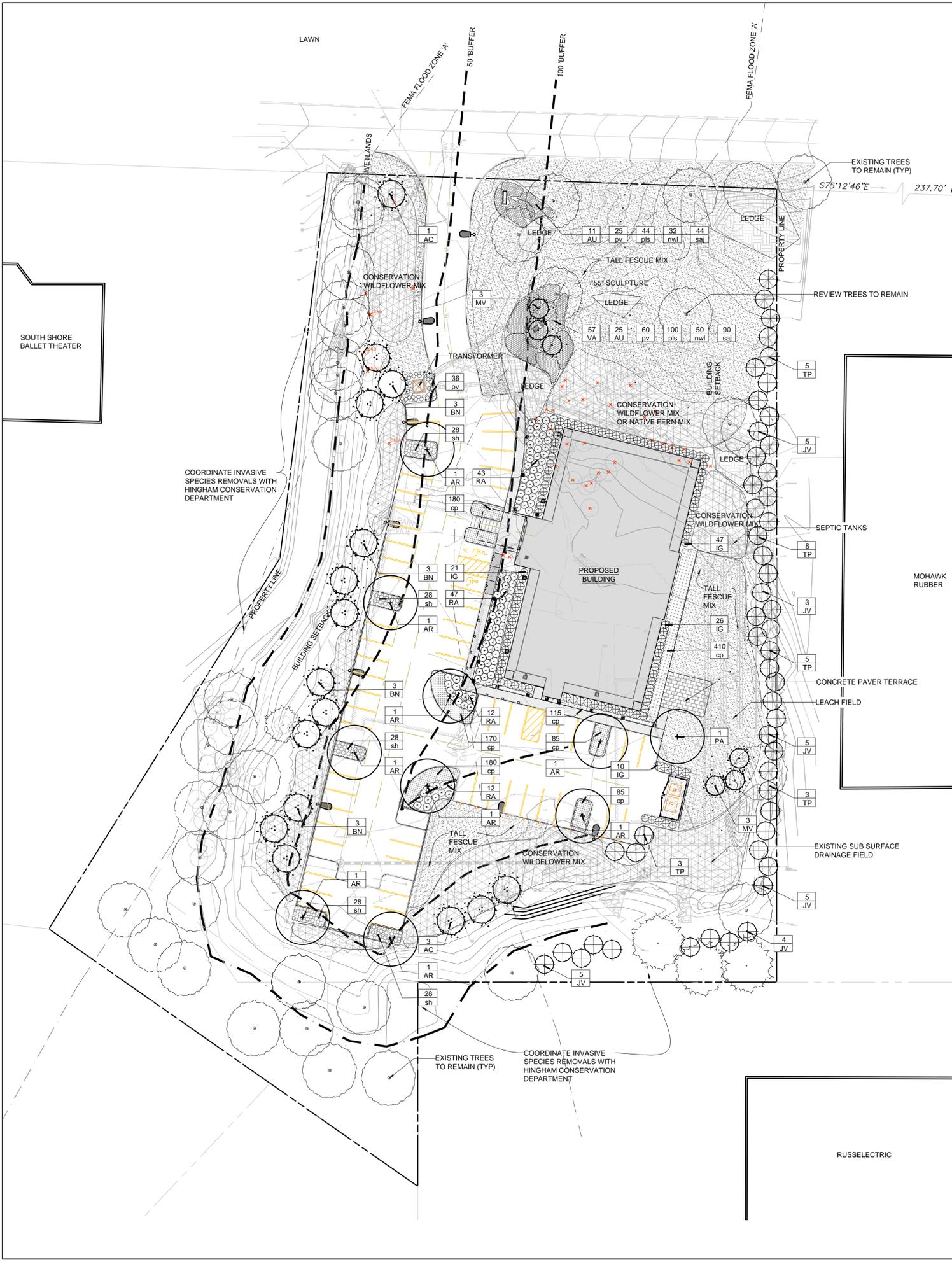
HMLP TRANSFORMER VAULT
NOT TO SCALE

2

HMLP VAULT
NOT TO SCALE

1

M:\PROJECTS\1179-20A\CIVIL\DRAWINGS\CURRENT\C-1179-20A-DETAILS.DWG



GENERAL NOTES

1. BASE INFORMATION PREPARED BY ALLEN & MAJOR ASSOCIATES, INC. 100 COMMERCE WAY WOBURN MA 01801-8501
2. SEAN PAPICH LANDSCAPE ARCHITECTURE (SPLA) ASSUMES NO RESPONSIBILITIES FOR ERRORS OR INCONSISTENCIES REGARDING BASE INFORMATION.
3. DO NOT SCALE FROM DRAWINGS.
4. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO SPLA PRIOR TO STARTING WORK.
5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING ABOVE AND BELOW GRADE UTILITIES AND SERVICES AND SHALL PROVIDE APPROPRIATE PROTECTIONS DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE LOCAL UTILITY LOCATION SERVICE PROVIDER PRIOR TO COMMENCING WORK. ANY UTILITIES DAMAGED DURING SITE WORK SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL REPLACE IN KIND ANY AREAS DAMAGED BY CONSTRUCTION OPERATIONS WITHIN AND OUTSIDE OF THE LIMIT OF WORK LINE.
7. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND OBTAINING ALL REQUIRED BUILDING PERMITS.

PLANTING NOTES

1. DO NOT SCALE FROM DRAWINGS.
2. CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. QUANTITIES REPRESENTED ON THE DRAWING PLANT LABELS SHALL SUPERCEDE THOSE ON THE PLANT LIST.
3. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT AND/OR OWNER.
4. ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN UNLESS OTHERWISE NOTED ON THE PLANT LIST.
5. ALL PLANTS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND/OR OWNER PRIOR TO THEIR INSTALLATION.
6. ANY PLANTS LABELED 'SPECIMEN' ON THE PLANT LIST SHALL BE TAGGED AT SOURCE BY THE LANDSCAPE ARCHITECT AND/OR OWNER UNLESS DIRECTED OTHERWISE.
7. THE CONTRACTOR SHALL POSITION ALL PLANT MATERIAL IN LOCATIONS SHOWN ON THE PLAN FOR REVIEW BY LANDSCAPE ARCHITECT AND/OR OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE PLANTS AS NEEDED TO ACCOMMODATE FOR LEDGE AND SHALL CONTACT THE LANDSCAPE ARCHITECT IF PLANTING IS IMPEDED BY LEDGE.
8. THE CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO BEGINNING SITE WORK TO DETERMINE THE PLANTING SOIL AMENDMENTS REQUIRED - SUCH AS THE ADDITION OF COMPOST AND/OR PEAT MOSS. UNLESS OTHERWISE DIRECTED, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING GENERALLY ACCEPTED SOIL BACKFILL RATIO: 1/2 NATIVE SOIL, 1/4 IMPORTED LOAM, 1/4 COMPOST/PEAT MOSS. INITIALLY, THE CONTRACTOR SHALL ASSUME THE INCORPORATION OF 1-2 CUBIC YARDS OF COMPOST/PEAT MOSS PER 1000 SQUARE FEET OF PLANT BED. IN ADDITION, THE CONTRACTOR SHALL INCORPORATE A PLANT STARTER FERTILIZER SUCH AS 10-10-10 IN THE PLANTING SOIL MIX.
9. THE CONTRACTOR SHALL REVIEW AND ADDITIONAL SITE DRAINAGE REQUIREMENTS WITH THE OWNER AND/OR LANDSCAPE ARCHITECT AND COORDINATE POTENTIAL IMPROVEMENTS IN ORDER TO ATTAIN POSITIVE DRAINAGE IN ALL CONDITIONS.
10. THE CONTRACTOR IS RESPONSIBLE FOR SEEDING OR SODDING ALL AREAS DISTURBED DURING CONSTRUCTION ACCORDING TO THE PLANTING PLAN OR AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR OWNER.
11. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. THERE SHALL BE NO PARKING OR STOCKPIILING OF CONSTRUCTION MATERIAL WITHIN THE DRIP LINE OF THE TREES TO REMAIN.
12. THE CONTRACTOR SHALL MAINTAIN ALL PLANT MATERIAL UNTIL PROVISIONAL ACCEPTANCE OF THE PROJECT IS ISSUED BY THE LANDSCAPE ARCHITECT. ALL PLANTS SHALL BE GUARANTEED TO BE ALIVE AND IN VIGOROUS GROWING CONDITION FOR A PERIOD OF ONE (1) FULL YEAR FROM THE TIME OF PROVISIONAL ACCEPTANCE. FINAL ACCEPTANCE WILL BE MADE BY THE LANDSCAPE ARCHITECT AND OWNER AT THE END OF THE GUARANTEE PERIOD. ANY PLANTS DEEMED UNACCEPTABLE PRIOR TO THE END OF THE GUARANTEE PERIOD SHALL BE PROMPTLY REPLACED AT THE CONTRACTOR'S EXPENSE.

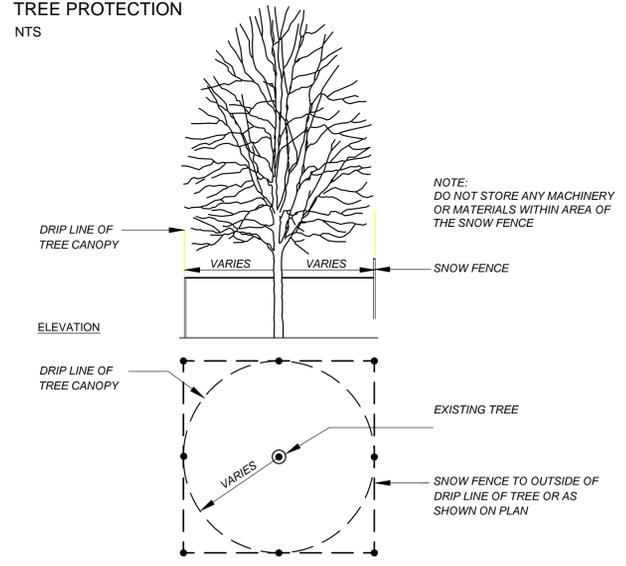
PLANT LIST

SYM	#	BOTANICAL NAME	COMMON NAME	NATIVE	SIZE	REMARKS
EVERGREEN TREES						
JV	27	Juniperus virginiana	Eastern Red Cedar	native	7-8' Ht	
TP	24	Thuja plicata	Western Arborvitae	native to U.S.	7-8' Ht	
DECIDUOUS SHADE TREES/OVERSTORY TREES						
AR	8	Acer rubrum	Red Maple	native	3" cal.	
BN	12	Betula nigra	River Birch	native	7-8' Ht	clump form
PA	1	Platanus acerfolia	London Planetree		3" cal.	
ORNAMENTAL TREES/UNDERSTORY TREES						
AC	4	Amelanchier canadensis	Serviceberry	native	7-8' Ht	clump form
MV	6	Magnolia virginiana	Sweetbay Magnolia	native	7-8' Ht	clump form
SHRUBS						
AU	36	Arctostaphylos uva-ursi	Bearberry	native	2 gal.	
IG	104	Ilex glabra	Inkberry sp.	native	24-30" ht.	container or B&B
RA	114	Rhus aromatica 'Gro-Low'	Gro Low Fragrant Sumac	native	5 gal.	
VA	57	Vaccinium angustifolia	Lowbush Blueberry	native	2 gal.	
PERENNIALS and GRASSES						
cp	1225	Carex pensylvanica	Pennsylvania Sedge	native	#1	spacing - 15" o.c.
nwl	82	Nepeta faassenii 'Walker's Low'	Catmint; lav. Blue		#1	spacing - 24" o.c.
pls	144	Perovskia atriplicifolia 'Little Spire'	Russian Sage; lavender		#1	spacing - 18" o.c.
pv	121	Panicum virgatum	Switchgrass	native	#2	spacing - 24" o.c.
saj	134	Sedum 'Autumn Joy'	Stonecrop - pink		#1	spacing - 18" o.c.
sh	112	Sporobolus heterolepis	Prairie Dropseed	native	#2	spacing - 24" o.c.
15,960 sf		New England Conservation/Wildflower Seed Mix				

NEW ENGLAND CONSERVATION/WILDFLOWER SEED MIX:

Little Bluestem (Schizachyrium scoparium), Red Fescue (Festuca rubra), Indian Grass (Sorghastrum nutans), Partridge Pea (Chamaecrista fasciculata), Canada Wild Rye (Elymus canadensis), Virginia Wild Rye (Elymus virginicus), Blue Vervain (Verbena hastata), Butterfly Milkweed (Asclepias tuberosa), Narrowleafed Blue Eyed Grass (Sisyrinchium angustifolium), Black Eyed Susan (Rudbeckia hirta), New England Aster (Symphyotrichum novae-angliae), Spiked Gayfeather/ Marsh Blazing Star (Liatris spicata), Starved/Calico Aster (Aster lateriflorus/Symphotrichum lateriflorum), Early Goldenrod (Solidago juncea), Hollow-Stem Joe Pye Weed (Eupatorium fistulosum/Eutrochium fistulosum)

TREE PROTECTION NTS



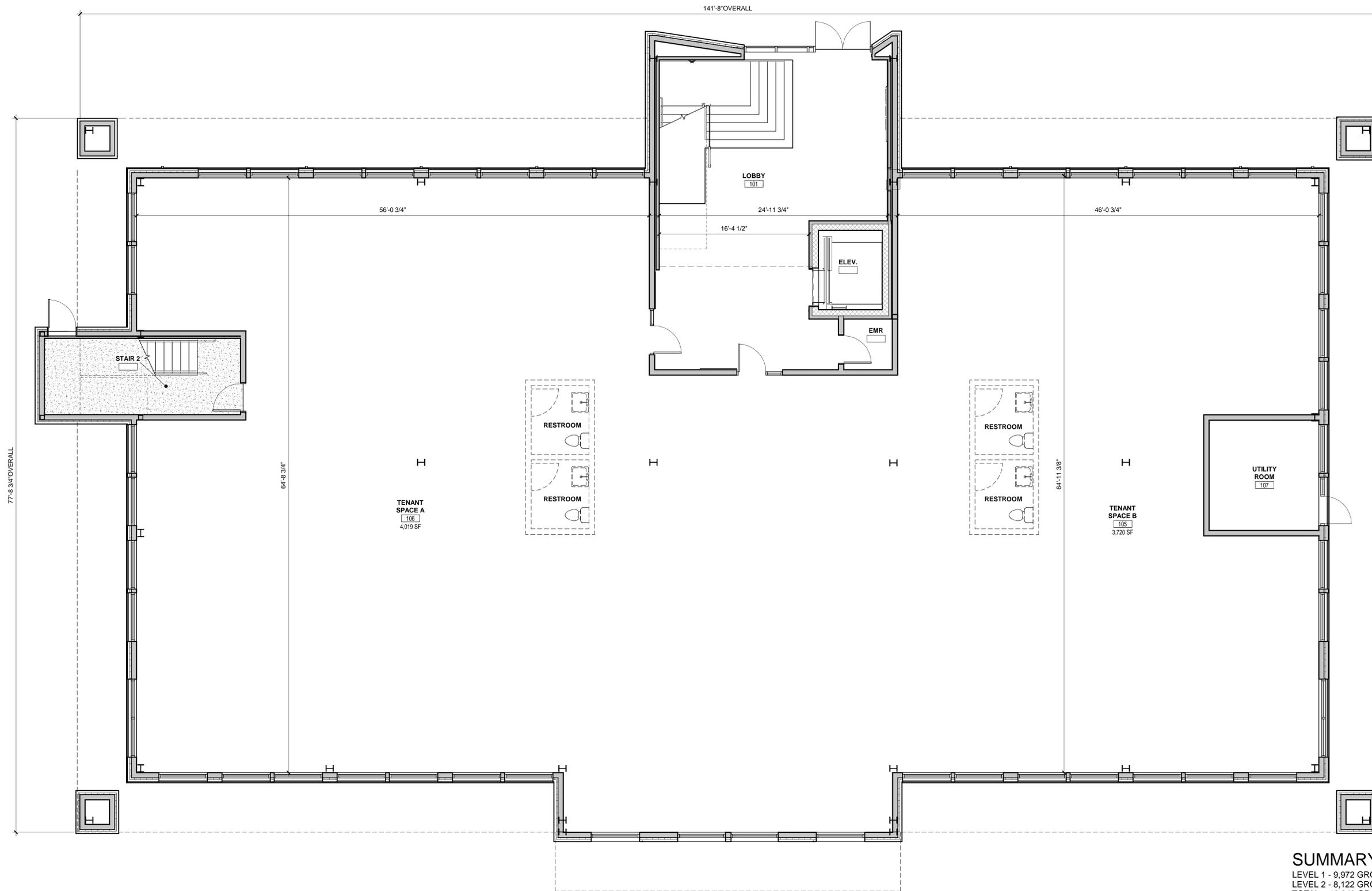
LANDSCAPE PLAN

55 INDUSTRIAL PARK RD
HINGHAM, MA

SEAN PAPICH
landscape architecture

222 north street hingham,ma 02043
T781.741.5455 www.seanpapich.com

DATE: October 17, 2024
SCALE: 1" = 30'-0"
PROJECT NO. 2421



SUMMARY
 LEVEL 1 - 9,972 GROSS SF
 LEVEL 2 - 8,122 GROSS SF + 1,855 GROSS SF COVERED BALCONY
 TOTAL = 19,949 GROSS SF

OCCUPANCY LOAD = 82 LEVEL 1 + 77 LEVEL 2 = TOTAL 159 OCCUPANTS
 TOILET FIXTURES REQ'D = 2F + 2M PER FLOOR OR 4 UNISEX PER FLOOR
 TOILET FIXTURES PROPOSED = 4 POWDER ROOMS PER FLOOR

1 LEVEL 1 FLOOR PLAN
 3/16" = 1'-0"

NEW OFFICE BUILDING
 55 INDUSTRIAL PARK RD., HINGHAM, MA
 SCHEMATIC FLOOR PLAN | 10/16/2024



DRAWING NO.
A01





SUMMARY

LEVEL 1 - 9,395 GROSS SF
 LEVEL 2 - 8,729 GROSS SF + 1,871 GROSS SF COVERED BALCONY
 TOTAL = 19,995 GROSS SF

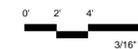
OCCUPANCY LOAD = 94 LEVEL 1 + 88 LEVEL 2 = TOTAL 182 OCCUPANTS
 TOILET FIXTURES REQ'D = 2F + 2M PER FLOOR OR 4 UNISEX PER FLOOR
 TOILET FIXTURES PROPOSED = 4 POWDER ROOMS PER FLOOR

1 LEVEL 2 FLOOR PLAN
 3/16" = 1'-0"

NEW OFFICE BUILDING

55 INDUSTRIAL PARK RD., HINGHAM, MA

SCHEMATIC FLOOR PLAN | 10/16/2024



DRAWING NO.

A02





1 WEST ELEVATION
3/16" = 1'-0"



2 NORTH ELEVATION
3/16" = 1'-0"

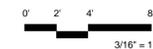
EXTERIOR MATERIALS KEY

MATERIAL	MANUFACTURER	STYLE / COLOR
AMP-1	ALUCOBOND	EPERNAY CHAMPAGNE METALLIC
AMP-2	ALUCOBOND	DARK BRONZE ANODIZED
AMP-3	ALUCOBOND	RUSTED METAL
CP-1	ALUCOBOND	COLOR MATCH CLADDING
STN-1	GRANITE BASE	TBD
GR-1	WOOD & STEEL GUARDRAIL	TBD
STF-1	STOREFRONT	KAWNEER, OR SIM DARK BRONZE ANODIZED
SLD-1	SLIDING DOOR	TBD DARK BRONZE ANODIZED

NEW OFFICE BUILDING

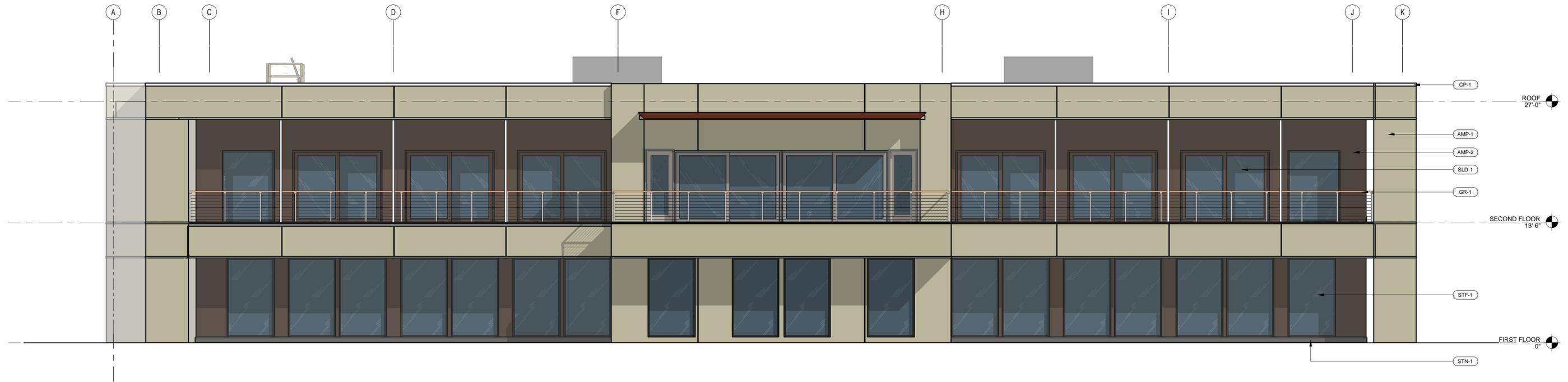
55 INDUSTRIAL PARK RD., HINGHAM, MA

CONCEPT ELEVATIONS | 10/16/2024



DRAWING NO.

A03



1 EAST ELEVATION
3/16" = 1'-0"



2 SOUTH ELEVATION
3/16" = 1'-0"

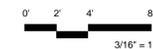
EXTERIOR MATERIALS KEY

MATERIAL	MANUFACTURER	STYLE / COLOR
AMP-1	ALUCOBOND	EPERNAY CHAMPAGNE METALLIC
AMP-2	ALUCOBOND	DARK BRONZE ANODIZED
AMP-3	ALUCOBOND	RUSTED METAL
CP-1	ALUCOBOND	COLOR MATCH CLADDING
STN-1	TBD	TBD
GR-1	TBD	TBD
STF-1	KAWNEER, OR SIM	DARK BRONZE ANODIZED
SLD-1	TBD	DARK BRONZE ANODIZED

NEW OFFICE BUILDING

55 INDUSTRIAL PARK RD., HINGHAM, MA

CONCEPT ELEVATIONS | 10/16/2024



DRAWING NO.

A04



 PHASE ZERO
DESIGN
MERGED WITH COLLIERS ENGINEERING & DESIGN

NEW OFFICE BUILDING

55 INDUSTRIAL PARK RD., HINGHAM, MA
EXTERIOR DESIGN CONCEPT | 10/16/24

DRAWING NO.

A05

 PHASE ZERO
DESIGN
MERGED WITH COLLIERS ENGINEERING & DESIGN



 PHASE ZERO
DESIGN
MERGED WITH COLLIERS ENGINEERING & DESIGN

NEW OFFICE BUILDING

55 INDUSTRIAL PARK RD., HINGHAM, MA

EXTERIOR DESIGN CONCEPT | 10/16/24

DRAWING NO.

A06

 PHASE ZERO
DESIGN
MERGED WITH COLLIERS ENGINEERING & DESIGN



NEW OFFICE BUILDING

55 INDUSTRIAL PARK RD., HINGHAM, MA

SITE BEFORE / AFTER | 10/16/24

DRAWING NO.

A07