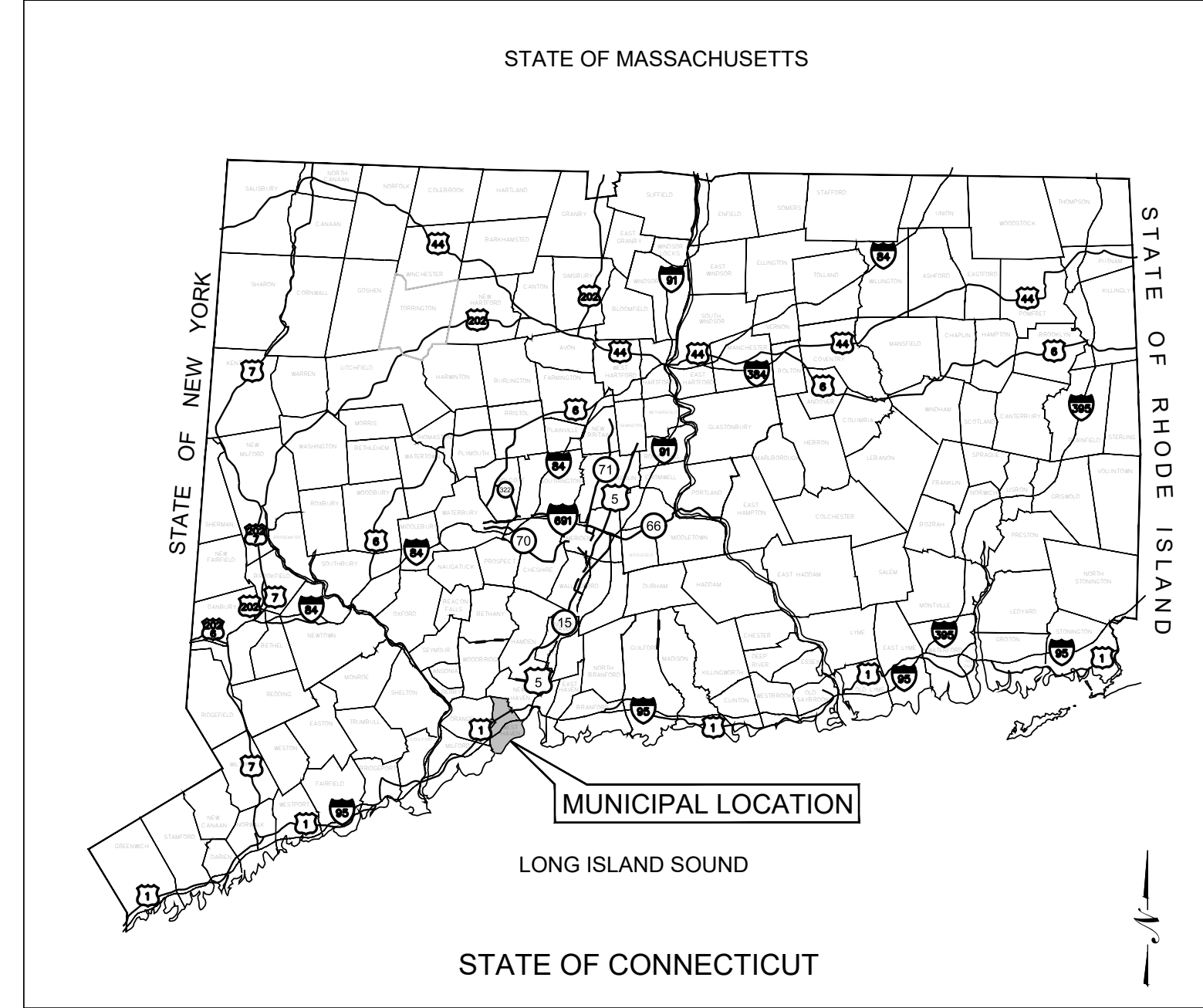


Z:\SHARED\CT OFFICE\APT DMRG STING & PERMITTING\APT 720 EAST POINT\WEST HAVEN\150\ENGINEERING\CT720130_WESTHAVEN_MASTER.LAST SAVED BY: UBADAH ABDULLAH PDF CREATED ON: 2/24/2025 2:14 PM



"WEST HAVEN BESS"

EAST POINT ENERGY

337 ELM STREET

WEST HAVEN, CT 06516

LIST OF DRAWINGS

- T-1 TITLE SHEET
- 1 OF 2 ALTA / NSPS LAND TITLE SURVEY
- 2 OF 2 ALTA / NSPS LAND TITLE SURVEY
- GN-1 GENERAL NOTES & LEGEND
- OP-1 OVERALL SITE PLAN
- EC-1 EROSION & SEDIMENT CONTROL PLAN
- EC-2 & 3 EROSION & SEDIMENT NOTES & DETAILS
- SP-1 SITE PLAN
- SP-2 SITE PLAN DETAILS
- TA-1 VEHICLE TURNING ANALYSIS
- GD-1 GRADING & DRAINAGE PLAN
- GD-2 GRADING & DRAINAGE DETAILS

SITE INFORMATION

SITE NAME: "WEST HAVEN BESS"

LOCATION: 337 ELM STREET
WEST HAVEN, CT 06516

SITE TYPE/DESCRIPTION: ENERGY STORAGE SYSTEM 15 MW / 60 MWH
CONSISTING OF APPROX. 22 SUNGROW POWER TITAN 2 BATTERIES,
6 SUNGROW SC500 INVERTERS AND 6 TRANSFORMERS

PROPERTY OWNER: FRED & SUZANNE REALTY LLC
6 VICTOR RD.
NORTH HAVEN, CT 06473

APPLICANT: EAST POINT ENERGY
310 4TH STREET NE, 3RD FLOOR
CHARLOTTESVILLE, VA 22902

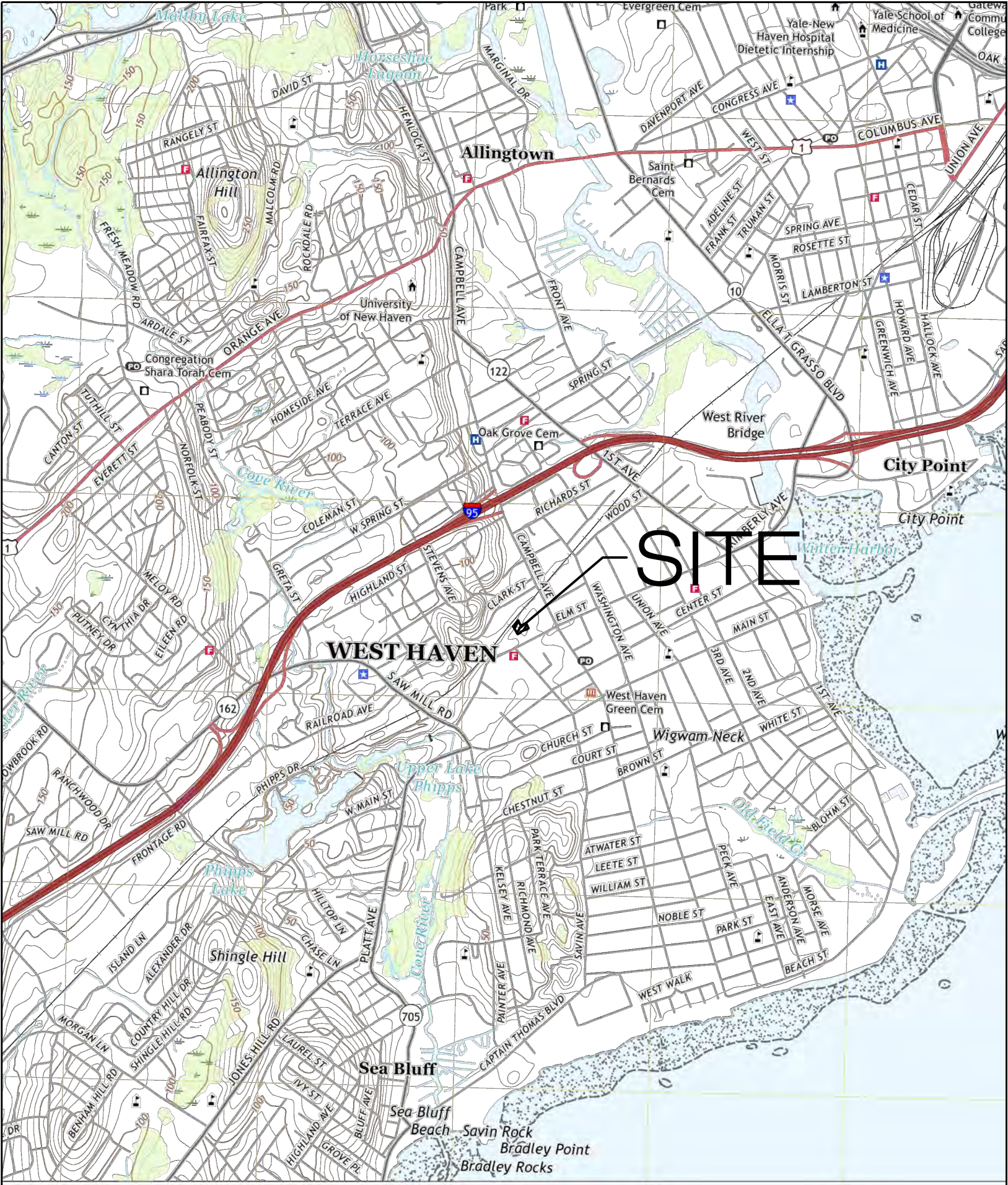
ENGINEER CONTACT: THOMAS E. LITTLE, P.E.
(860) 552-2046

LATITUDE: 41°16'31.00" N
LONGITUDE: 72°57'17.97" W

MAP/BLOCK/LOT: 42 - 293
ZONE: NB

TOTAL SITE ACREAGE: 0.68± AC.
TOTAL DISTURBED AREA: 0.68± AC.

USGS TOPOGRAPHIC MAP



SOURCE: USGS 7.5 QUADRANGLE MAP, NEW HAVEN CT, 2021



310 4TH STREET NE - 3RD FLOOR
CHARLOTTESVILLE, VA 22902



567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CSC DOCUMENTS

| NO | DATE | REVISION |
|----|------|----------|
| 1 | | |
| 2 | | |
| 3 | | |
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NOT FOR
CONSTRUCTION

DESIGN PROFESSIONALS OF RECORD

PROF: THOMAS E. LITTLE, P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION, P.C.
ADD: 567 VAUXHALL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: FRED & SUZANNE
REALTY LLC
ADDRESS: 6 VICTOR RD.
NORTH HAVEN, CT 06473

WEST HAVEN BESS

SITE ADDRESS:
337 ELM STREET
WEST HAVEN, CT 06516

APT FILING NUMBER: CT720130

| | |
|----------------|-------------------|
| | DRAWN BY: UKA/ELZ |
| DATE: 01/23/25 | CHECKED BY: TEL |

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

MAP NOTES

1. THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND "THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED JUNE 21, 1996; AMENDED OCTOBER 26, 2018.
2. THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED HEREON ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A TOPOGRAPHIC & PROPERTY SURVEY.
3. THE HORIZONTAL BASELINE CONFORMS TO A CLASS A-2 ACCURACY. THE VERTICAL BASELINE CONFORMS TO A CLASS V-2 ACCURACY. THE TOPOGRAPHIC FEATURES CONFORM TO A CLASS T-3 ACCURACY.
4. THE PROPERTY/BOUNDARY LINES DEPICTED HEREON CONFORMS TO A CLASS 'A-2' ACCURACY AND IS BASED UPON A RESURVEY OF MAP REFERENCE 'A'.
5. THIS SURVEY WAS PRODUCED WITH THE BENEFIT OF A TITLE COMMITMENT PROVIDED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY COMMITMENT NUMBER: 11757218, WITH AND EFFECTIVE DATE OF MAY 20, 2024.
6. THE NORTH ARROW AND BEARINGS ARE BASED UPON THE CONNECTICUT STATE COORDINATE SYSTEM N.A.D. 1983 (2011). THE ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) USING GEOID 18. COORDINATES AND ELEVATIONS WERE DETERMINED FROM RTK GPS OBSERVATIONS MADE ON AUGUST 6, 2024, USING THE CT DOT RTK NETWORK KNOWN AS ACORN (CTGU BASE), HAVING THE FOLLOWING VALUES:

LATITUDE = N 41° 17' 21.74228"
LONGITUDE= W 72° 40' 04.44433"
ELLIPSOID HEIGHT =-18.108M
7. CONTOURS AND VERTICAL RELIEF DEPICTED AND NOTED HEREON ARE BASED UPON AN UNMANNED AERIAL SURVEY CONDUCTED ON AUGUST 5, 2024 & A CONVENTIONAL GROUND SURVEY CONDUCTED ON AUGUST 16, 2024.
8. UNDERGROUND UTILITIES, STRUCTURES AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE COMPANIES OR GOVERNMENTAL AGENCIES; OBSERVABLE SURFACE EVIDENCE WHILE CONDUCTING THE GROUND SURVEY, FROM UNDERGROUND UTILITY SURFACE RETRACEMENT PROVIDED BY A PRIVATE UTILITY LOCATOR SERVICE, AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE WHICH IS UNKNOWN TO MARTIN SURVEYING ASSOCIATES, LLC. ALL CONTRACTORS ARE REQUIRED TO CONTACT CALL-BEFORE-YOU-DIG AT 1-800-922-4455 FOR LOCATION AND OR STAKEOUT OF ANY UTILITY PRIOR TO ANY EXCAVATION.
9. NO PROPOSED CHANGES IN STREET RIGHT RIGHT OF WAY LINES OR RECENT SIDEWALK/ROAD CONSTRUCTION WERE OBSERVED DURING THE PRODUCTION OF THIS SURVEY.
10. THE SUBJECT PARCEL HAS MEANS OF INGRESS/EGRESS PUBLIC RIGHT OF WAY "ELM STREET" VIA A RIGHT OF WAY OVER LAND NOW OF FORMERLY OF TALA FAMILY TRUST AS DESCRIBED IN BOOK 1932 PAGE 97 AND DEPICTED ON MAP REFERENCE 'A'

PARCEL DESCRIPTION

COMMITMENT NO.: 11757218

FIRST PARCEL:

ALL THAT CERTAIN PIECE OR PARCEL OF LAND WITH THE BUILDINGS AND ALL OTHER IMPROVEMENTS THEREON SITUATED IN THE TOWN OF WEST HAVEN, COUNTY OF NEW HAVEN, AND STATE OF CONNECTICUT, BOUNDED AND DESCRIBED AS FOLLOWS:

SOUTHERLY: BY ELM STREET, 100 FEET;
EASTERLY: BY LAND NOW OR FORMERLY OF PETER N. LANDINE, 200 FEET;
NORTHERLY: BY LAND NOW OR FORMERLY OF PETER N. LANDINE, 100 FEET;
WESTERLY: BY LAND NOW OR FORMERLY OF HENRIETTA PIERCE, 200 FEET.

SECOND PARCEL:

ALL THAT CERTAIN PIECE OR PARCEL OF LAND WITH THE BUILDINGS AND ALL OTHER IMPROVEMENTS THEREON SITUATED IN THE TOWN OF WEST HAVEN, COUNTY OF NEW HAVEN, AND STATE OF CONNECTICUT, BOUNDED AND DESCRIBED AS FOLLOWS:

SOUTH: BY ELM STREET, 60 FEET;
EAST: BY LAND NOW OR FORMERLY OF HATTIE E. MUNSON, 300 FEET, MORE OR LESS;
NORTH: BY LAND NOW OR FORMERLY OF THE NEW YORK, NEW HAVEN & HARTFORD RAILROAD COMPANY, 65 FEET, MORE OR LESS;
WEST: BY LAND NOW OR FORMERLY OF HARRY K. WARD, 270 FEET, MORE OR LESS.

THIRD PARCEL:

ALL THAT CERTAIN PIECE OR PARCEL OF LAND WITH THE BUILDINGS AND ALL OTHER IMPROVEMENTS THEREON SITUATED IN THE TOWN OF WEST HAVEN, COUNTY OF NEW HAVEN, AND STATE OF CONNECTICUT, BOUNDED AND DESCRIBED AS FOLLOWS:

SOUTH: BY ELM STREET, 40 FEET;
WEST: BY LAND NOW OR FORMERLY OF L. W. ROGERS, 225 FEET, MORE OR LESS;
NORTH: BY LAND NOW OR FORMERLY OF THE NEW YORK, NEW HAVEN & HARTFORD RAILROAD COMPANY, 40 FEET, MORE OR LESS;
EAST: BY LAND NOW OR FORMERLY OF WILLIAM L. PIERCE, 225 FEET, MORE OR LESS.

TOGETHER WITH A RIGHT OF WAY OVER 345 ELM STREET AS SHOWN ON A MAP ENTITLED "LANE OF STANLEY CRISCUOLA #339 ELM STREET, WEST HAVEN, CONN." AND ON FILE AS MAP BOARD B-181 IN THE WEST HAVEN TOWN CLERK'S OFFICE.

TOGETHER WITH A DRIVEWAY AND UTILITY EASEMENT DECLARATION AND AGREEMENT BY FRED & SUZANNE REALTY, LLC DATED FEBRUARY 28, 2022, AND RECORDED MARCH 1, 2022, IN VOLUME 1932 AT PAGE 97 OF THE WEST HAVEN LAND RECORDS.

LESS AND EXCEPTING ALL THAT CERTAIN PIECE OR PARCEL OF LAND CONVEYED BY FRED & SUZANNE REALTY, LLC TO LEISEL TALA AND PARSHOTAM TALA, AS TRUSTEES UNDER THE TALA FAMILY TRUST, DATED DECEMBER 21, 2020, DATED FEBRUARY 28, 2022, AND RECORDED IN VOLUME 1932 AT PAGE 103 OF THE WEST HAVEN LAND RECORDS.

SURVEY DESCRIPTION

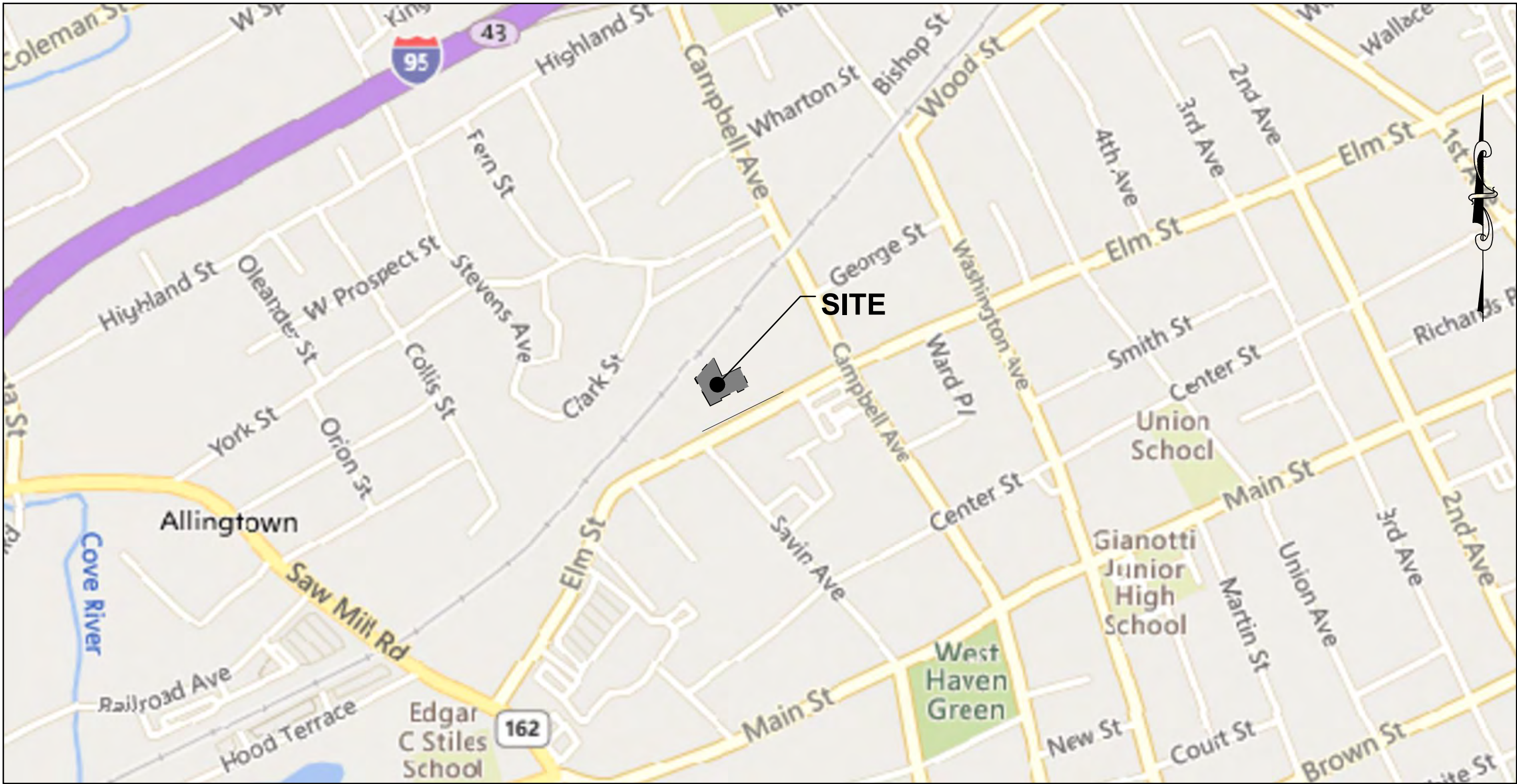
BEGINNING AT A POINT IN THE DIVISION LINE OF LAND NOW OR FORMERLY OF KRANTHI KOGANTI AND LAND NOW OR FORMERLY OF TALA FAMILY TRUST ET AL., SAID POINT BEING N 29°40'55" W 100.19 FEET FROM THE THE SOUTHWESTERLY CORNER OF SAID TALA FAMILY TRUST ET AL.

THENCE RUNNING ALONG SAID KOGANTI LAND N 29°40'55" W 150.29 FEET TO A POINT IN THE DIVISION LINE OF LAND NOW OR FORMERLY OF THE CONSOLIDATED RAILROAD CORPORATION;

THENCE RUNNING ALONG SAID CONSOLIDATED RAILROAD CORPORATION LAND N 40°35'50" E 134.64 FEET TO A POINT IN THE DIVISION LINE OF LAND NOW OR FORMERLY OF THE UNITED ILLUMINATING COMPANY;

THENCE RUNNING ALONG SAID COMPANY LAND THE FOLLOWING THREE (3) COURSES AND DISTANCES S 24°36'01" E 103.39 FEET, N 63°43'58" E 99.89 FEET, AND S 24°58'33" E 99.97 FEET TO A POINT IN THE DIVISION LINE OF SAID TALA FAMILY TRUST ET AL.;

THENCE RUNNING ALONG SAID TALA FAMILY TRUST ET AL. LAND THE FOLLOWING FIVE (5) COURSES AND DISTANCE S 63°50'15" W 56.00 FEET, N 26°09'45" W 10.00 FEET, S 63°50'15" W 96.47 FEET, S 26°09'45" E 10.00 FEET, AND S 63°50'15" W 57.02 FEET TO THE POINT OR PLACE OF BEGINNING.



SITE LOCATION MAP 1"=500'

FLOOD ZONE

THE SUBJECT PARCEL LIES ENTIRELY WITHIN ZONE 'X' (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) BASED UPON FLOOD INSURANCE RATE MAP NO. 09009C0439J; PANEL 439 OF 635; NEW HAVEN COUNTY; REVISED JULY 8, 2013.

MUNICIPAL ZONE

THE SUBJECT PARCEL LIES ENTIRELY WITHIN MUNICIPAL ZONE 'NB' (NEIGHBORHOOD BUSINESS DISTRICT) AND IS SUBJECT TO REGULATIONS AS DESCRIBED IN "ZONING REGULATIONS WEST HAVEN, CONNECTICUT" BY WEST HAVEN PLANNING AND ZONING COMMISSION; EFFECTIVE DATE AUGUST 30, 2006; REVISED MAY 1, 2023. A ZONING REPORT HAS NOT BEEN PROVIDED TO THE SURVEYOR FOR THE PRODUCTION OF THIS SURVEY.

SCHEDULE BII

COMMITMENT NO.: 11757218

8. EASEMENT AND NOTATIONS AS SHOWN ON MAP BOARD NO. B-181 ON FILE IN THE OFFICE OF THE WEST HAVEN TOWN CLERK. *DEPICTED.*
9. CERTAIN RIGHTS IN FAVOR OF THE NEW YORK, NEW HAVEN & HARTFORD RAILROAD COMPANY TO CONSTRUCT AND MAINTAIN A DRAIN OR DITCH OVER AND ACROSS PREMISES, AS FURTHER DESCRIBED IN A DEED FROM EARLE A. KNOWLTON TO STANLEY CRISCUOLA DATED DECEMBER 16, 1966, AND RECORDED DECEMBER 19, 1966 IN VOLUME 487 AT PAGE 600 OF THE WEST HAVEN LAND RECORDS. *NOT PLOTTABLE.*
10. EASEMENT IN FAVOR OF THE UNITED ILLUMINATING COMPANY RECORDED NOVEMBER 10, 1972, IN VOLUME 549 AT PAGE 119 OF THE WEST HAVEN LAND RECORDS. SEE MAP BOARD B-194 ON FILE IN THE OFFICE OF WEST HAVEN TOWN CLERK. *DEPICTED.*
11. MEMORANDUM OF OPTION AGREEMENT FOR SITE LEASE BY AND BETWEEN EAST POINT ENERGY, LLC. AND FRED & SUZANNE REALTY LLC DATED DECEMBER 17, 2020, AND RECORDED JANUARY 7, 2021 IN VOLUME 1885 AT PAGE 410 OF THE WEST HAVEN LAND RECORDS. *NOT PLOTTABLE.*
12. DRIVEWAY AND UTILITY EASEMENT DECLARATION AND AGREEMENT BY FRED & SUZANNE REALTY, LLC DATED FEBRUARY 28, 2022, AND RECORDED MARCH 1, 2022, IN VOLUME 1932 AT PAGE 97 OF THE WEST HAVEN LAND RECORDS. *DEPICTED.*
13. EASEMENT FROM FRED & SUZANNE REALTY, LLC TO THE UNITED ILLUMINATING COMPANY DATED OCTOBER 4, 2023, AND RECORDED NOVEMBER 22, 2023, IN VOLUME 1979 AT PAGE 557 OF THE WEST HAVEN LAND RECORDS. SEE MAP NO. 2347 ON FILE IN THE OFFICE OF THE WEST HAVEN TOWN CLERK. *DEPICTED.*

MAP REFERENCES

COMMITMENT NO.: 11757218

- A. "LAND OF STANLEY CRISCUOLA #339 ELM STREET WEST HAVEN, CONNECTICUT" SCALE: 1"=20'; DATED: JANUARY, 1973; BY: RALPH A. SPANG.
- B. "15 FOOT EASEMENT DRAWING, STANLEY CRISCUOLA SERVICE #339 ELM STREET WEST HAVEN, CONNECTICUT" SCALE: 1"= 50'; DATED: SEPTEMBER, 1972; BY: THE UNITED ILLUMINATING COMPANY.
- C. "SURVEY FOR STANLEY CRISCUOLA 357 ELM STREET WEST HAVEN, CONNECTICUT" SCALE 1"=50'; DATED: MAY 4, 1956; BY: JOHN F. LYNCH.
- D. "LAND OF MARY J. GALLIGAN WEST HAVEN, CONNECTICUT" SCALE: *ILLEGIBLE*; DATED: *ILLEGIBLE* ; BY: JOHN F. LYNCH.
- E. "PROPERTY OF ROBERT A MORGAN ELM STREET WEST HAVEN, CONNECTICUT" SCALE: *UNKNOWN*; DATED *UNKNOWN*; BY JOHN F. LYNCH. NOTED AS BEING FIELD BOOK NO. 161, PAGE 76.
- F. "STANLEY CRISCUOLA ELM STREET WEST HAVEN, CONNECTICUT" SCALE: 1"=50'; DATED: FEBRUARY, 1971; BY: RALPH A. SPANG.
- G. "MAP OF NUMBER 385 ELM STREET WEST HAVEN, CONNECTICUT" SCALE: 1"=20'; DATED: MAY, 1969. BY: RALPH A. SPANG.
- H. "EASEMENT MAP U.I. LINE LIST PARCEL #1134" SCALE: 1"=20'; DATED OCTOBER 18, 2022; BY: BL COMPANIES.

TO: WEST HAVEN ENERGY CENTER, LLC AND FIDELITY NATIONAL TITLE INSURANCE COMPANY.

THIS IS TO CERTIFY* THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1-5, 6(a), 7(a), 8, 11(a), 11(b), 13, 17, 18 AND 20 OF TABLE A THEREOF.

THE FIELD WORK WAS COMPLETED ON AUGUST 29, 2024

DEAN G. MARTIN, P.L.S. CT #70147

*THE WORD "CERTIFY" IS UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL OPINION BY THE LAND SURVEYOR WHICH IS BASED UPON HIS KNOWLEDGE AND BELIEF, AS SUCH IT CONSTITUTES NEITHER A GUARANTEE OR WARRANTY.

LEGEND:

- IRON PIN (FOUND)

Rebar/Drill Hole (To Be Set)

MONUMENT (FOUND)

MANHOLE

DRAINAGE MANHOLE

SANITARY MANHOLE

ELEC. MANHOLE

TELE. MANHOLE

"C" CATCH BASIN

"C-L" CATCH BASIN

DECIDUOUS TREES

EVERGREEN TREES

SHRUB/BUSH

FLAG POLE

TRAFFIC CONTROL BOX
- SIGN

POST

LIGHT POLE

GUY ANCHOR

UTILITY POLE

WATER GATE

WATER METER

GAS VALVE

GAS METER

TRANSFORMER

ELEC. METER

MAIL BOX

HAND HOLE

BUTTON BOX

A.C. UNIT

TRAFFIC LIGHT POLE

- BOUNDARY LINE

EASEMENT LINE

GUARD RAIL

UNDERGROUND PIPING (San., Stm.)

U/G GAS LINE

U/G ELEC. LINE

WATER LINE

OVERHEAD UTILITIES

U/G TELE. LINE

CHAIN LINK FENCE

TREE LINE



Surveying Associates, LLC

201 CHRISTIAN LANE BERLIN, CT 06037
860-832-9328
WWW.MARTINSURVEY.COM

REVISIONS:

ALTA / NSPS LAND TITLE SURVEY
AND PROPERTY SURVEY
OF
LAND OF
FRED & SUZANNE REALTY LLC
ASSESSOR'S PARCEL 42-293
NO. 337 ELM STREET
WEST HAVEN, CONNECTICUT

MSA PROJECT NO.: 24-078

SCALE: 1"=20'

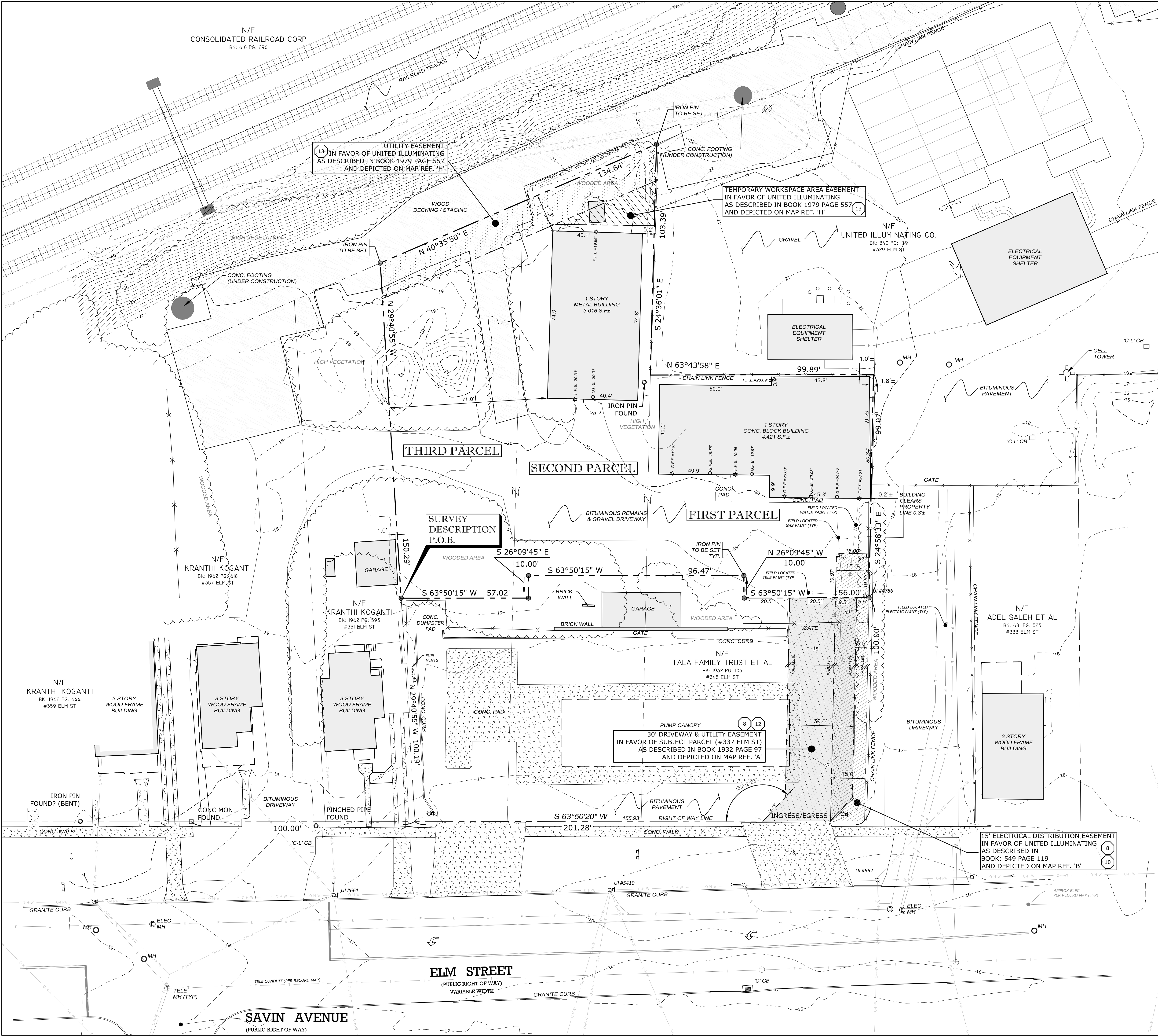
DATE: 2024-10-17

DRAWN BY: G.S.D.

CHECKED BY: D.G.M.

SHEET:

SUBJECT PARCEL
29,576 S.F. ±
0.679 ACRES ±
BK: 1746 PG. 207
PARCEL: 42-93
#337 ELM ST

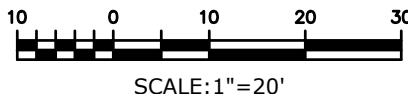


SCHEDULE BII
COMMITMENT NO.: 11757218

8. EASEMENT AND NOTATIONS AS SHOWN ON MAP BOARD NO. B-181 ON FILE IN THE OFFICE OF THE WEST HAVEN TOWN CLERK. *DEPICTED.*
9. CERTAIN RIGHTS IN FAVOR OF THE NEW YORK, NEW HAVEN & HARTFORD RAILROAD COMPANY TO CONSTRUCT AND MAINTAIN A DRAIN OR DITCH OVER AND ACROSS PREMISES, AS FURTHER DESCRIBED IN A DEED FROM EARLE A. KNOWLTON TO STANLEY CRISCUOLO DATED DECEMBER 16, 1966, AND RECORDED DECEMBER 19, 1966 IN VOLUME 487 AT PAGE 600 OF THE WEST HAVEN LAND RECORDS. *NOT PLOTTABLE, MAY EFFECT THE PROPERTY.*
10. EASEMENT IN FAVOR OF THE UNITED ILLUMINATING COMPANY RECORDED NOVEMBER 10, 1972, IN VOLUME 549 AT PAGE 119 OF THE WEST HAVEN LAND RECORDS. SEE MAP BOARD B-194 ON FILE IN THE OFFICE OF WEST HAVEN TOWN CLERK. *DEPICTED.*
11. MEMORANDUM OF OPTION AGREEMENT FOR SITE LEASE BY AND BETWEEN EAST POINT ENERGY, LLC, AND FRED & SUZANNE REALTY LLC DATED DECEMBER 17, 2020, AND RECORDED JANUARY 7, 2021 IN VOLUME 1885 AT PAGE 410 OF THE WEST HAVEN LAND RECORDS. *NOT PLOTTABLE.*
12. DRIVEWAY AND UTILITY EASEMENT DECLARATION AND AGREEMENT BY FRED & SUZANNE REALTY, LLC DATED FEBRUARY 28, 2022, AND RECORDED MARCH 1, 2022, IN VOLUME 1932 AT PAGE 97 OF THE WEST HAVEN LAND RECORDS. *DEPICTED.*
13. EASEMENT FROM FRED & SUZANNE REALTY, LLC TO THE UNITED ILLUMINATING COMPANY DATED OCTOBER 4, 2023, AND RECORDED NOVEMBER 22, 2023, IN VOLUME 1979 AT PAGE 557 OF THE WEST HAVEN LAND RECORDS. SEE MAP NO. 2347 ON FILE IN THE OFFICE OF THE WEST HAVEN TOWN CLERK. *DEPICTED.*

SEE SHEET 1 OF 2
FOR NOTES

SUBJECT PARCEL
29,576 S.F. ±
0.679 ACRES ±
BK: 1746 PG. 207
PARCEL: 42-93
#337 ELM ST



- LEGEND:
- | | |
|--------------------------------|----------------------|
| ○ IRON PIN (FOUND) | △ SIGN |
| ● Rebar/Drill Hole (To Be Set) | ○ POST |
| □ MONUMENT (FOUND) | ☆ LIGHT POLE |
| ⊙ MANHOLE | ⌵ GUY ANCHOR |
| Ⓢ DRAINAGE MANHOLE | ⌵ UTILITY POLE |
| Ⓢ SANITARY MANHOLE | WG WATER GATE |
| Ⓢ ELEC. MANHOLE | WM WATER METER |
| Ⓢ TELE. MANHOLE | GV GAS VALVE |
| Ⓢ "C" CATCH BASIN | GM GAS METER |
| Ⓢ "C-L" CATCH BASIN | Ⓢ TRANSFORMER |
| □ DECIDUOUS TREES | Ⓢ ELEC. METER |
| ☆ EVERGREEN TREES | Ⓢ MAIL BOX |
| Ⓢ SHRUB/BUSH | Ⓢ HAND HOLE |
| Ⓢ FLAG POLE | Ⓢ BUTTON BOX |
| Ⓢ TRAFFIC CONTROL BOX | Ⓢ A.C. UNIT |
| | Ⓢ TRAFFIC LIGHT POLE |

- BOUNDARY LINE
- GUARD RAIL
- UNDERGROUND PIPING (San., Stm.)
- G --- U/G GAS LINE
- E --- U/G ELEC. LINE
- W --- WATER LINE
- \\ OVERHEAD UTILITIES
- T --- U/G TELE. LINE
- CHAIN LINK FENCE
- TREE LINE



Surveying Associates, LLC

201 CHRISTIAN LANE BERLIN, CT 06037
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REVISIONS:

ALTA / NSPS LAND TITLE SURVEY
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WEST HAVEN, CONNECTICUT

MSA PROJECT NO.: 24-078

SCALE: 1"=20'

DATE: 2024-10-17

DRAWN BY: G.S.D.

CHECKED BY: D.G.M.

SHEET:

2 OF 2

GENERAL NOTES

1. ALL CONSTRUCTION SHALL COMPLY WITH PROJECT DEVELOPER STANDARDS, CITY OF WEST HAVEN STANDARDS, CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY.
2. IF NO PROJECT CONSTRUCTION SPECIFICATION PACKAGE IS PROVIDED BY THE PROJECT DEVELOPER OR THEIR REPRESENTATIVE, THE CONTRACTOR SHALL COMPLY WITH THE MANUFACTURER, CITY OF WEST HAVEN, OR CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND BE IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
3. THE PROJECT DEVELOPER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING AND STORMWATER PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL CITY OF WEST HAVEN CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
4. REFER TO PLANS, DETAILS AND REPORTS PREPARED BY ALL-POINTS TECHNOLOGY CORPORATION FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE PROJECT DEVELOPER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING/CONSTRUCTION. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFIRMED WITH THE PROJECT DEVELOPERS CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS, MATERIALS PER PLANS, AND SPECIFICATIONS TO THE PROJECT DEVELOPER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
6. SHOULD ANY UNKNOWN OR INCORRECTLY LOCATED EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE PROJECT DEVELOPER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
7. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE PROJECT DEVELOPER OR OTHERS DURING OCCUPIED HOURS, EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE PROJECT DEVELOPER AND THE LOCAL MUNICIPALITY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
8. THE CONTRACT LIMIT IS THE PROPERTY LINE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS.
9. THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
10. THE CONTRACTOR SHALL COMPLY WITH OSHA CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
11. THE ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OF PERSONNEL OR TO SUPERVISE SAFETY AND DO NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
12. THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, CONDUIT, PAVEMENT, CURBING, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE PROJECT DEVELOPER OR CITY OF WEST HAVEN.
13. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE PROJECT DEVELOPER AT THE END OF CONSTRUCTION.
14. ALTERNATIVE METHODS AND PRODUCTS, OTHER THAN THOSE SPECIFIED, MAY BE USED IF REVIEWED AND APPROVED BY THE PROJECT DEVELOPER, ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING/CONSTRUCTION PROCESS.
15. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT "811" AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
16. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS AND PERMITS ARE GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
17. ANY WORK WITHIN THE RIGHT-OF-WAY WILL REQUIRE A STREET OPENING PERMIT (TO BE OBTAINED BY OTHERS).

ENVIRONMENTAL NOTES - RESOURCE PROTECTION MEASURES

BAT PROTECTION PROGRAM

THE PROPOSED FACILITY IS LOCATED WITHIN SENSITIVE HABITAT KNOWN TO BE USED BY TRICOLORED BAT ("TCB"; PERIMYOTIS SUBFLAVUS), A FEDERALLY PROPOSED ENDANGERED AND STATE ENDANGERED SPECIES. IN ORDER TO PROTECT THIS BAT SPECIES AND PREVENT INCIDENTAL TAKE, PROTECTION MEASURES ARE PROPOSED DURING CONSTRUCTION AND OPERATION OF THE FACILITY.

IT IS OF THE UTMOST IMPORTANCE THAT THE CONTRACTOR COMPLIES WITH THE REQUIREMENT FOR IMPLEMENTATION OF THESE PROTECTIVE MEASURES AND THE EDUCATION OF ITS EMPLOYEES AND SUBCONTRACTORS PERFORMING WORK ON THE PROJECT SITE.

ALL-POINTS TECHNOLOGY CORPORATION, P.C. ("APT") WILL SERVE AS THE ENVIRONMENTAL MONITOR FOR THIS PROJECT TO ENSURE THAT THESE PROTECTION MEASURES ARE IMPLEMENTED PROPERLY. APT WILL PROVIDE AN EDUCATION SESSION FOR THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION ACTIVITIES ON THE POTENTIAL PRESENCE OF TCB. THE CONTRACTOR SHALL CONTACT DEAN GUSTAFSON, SENIOR BIOLOGIST AT APT, AT LEAST 5 BUSINESS DAYS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES TO SCHEDULE A PRE-CONSTRUCTION MEETING. MR. GUSTAFSON CAN BE REACHED BY PHONE AT (860) 552-2033 OR VIA EMAIL AT DGUSTAFSON@ALLPOINTSTECH.COM.

THIS PROTECTION PROGRAM CONSISTS OF SEVERAL COMPONENTS: EDUCATION OF ALL CONTRACTORS AND SUB-CONTRACTORS PRIOR TO INITIATION OF WORK ON THE SITE; PROTECTIVE MEASURES; PERIODIC INSPECTION OF THE CONSTRUCTION PROJECT; AND, REPORTING. DETAILS OF THE TCB PROTECTION MEASURES TO BE IMPLEMENTED IN ASSOCIATION WITH CONSTRUCTION AND OPERATION OF THE FACILITY ARE PROVIDED BELOW.

1. CONTRACTOR EDUCATION

a. PRIOR TO WORK ON SITE, THE CONTRACTOR SHALL ATTEND AN EDUCATIONAL SESSION AT THE PRE-CONSTRUCTION MEETING WITH APT. THIS ORIENTATION AND EDUCATIONAL SESSION WILL CONSIST OF AN INTRODUCTORY MEETING WITH APT TO EMPHASIZE THE ENVIRONMENTALLY SENSITIVE NATURE OF THE PROJECT, THE RARE SPECIES RESOURCES, AND THE REQUIREMENT TO DILIGENTLY FOLLOW THE PROTECTIVE MEASURES AS DESCRIBED IN SECTIONS BELOW.

b. THE CONTRACTOR WILL BE PROVIDED WITH CELL PHONE AND EMAIL CONTACTS FOR APT

UTILITY NOTES

1. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF WEST HAVEN TO SECURE CONSTRUCTION PERMITS AND FOR PAYMENT OF FEES FOR STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES.
2. REFER TO DRAWINGS BY PROJECT DEVELOPER FOR THE ONSITE ELECTRICAL DRAWINGS AND INTERCONNECTION TO EXISTING ELECTRICAL GRID. SITE CONTRACTOR SHALL SUPPLY AND INSTALL PIPE ADAPTERS AS NECESSARY AT BUILDING CONNECTION POINT OR AT EXISTING UTILITY OR PIPE CONNECTION POINT. THESE DETAILS ARE NOT INCLUDED IN THESE PLANS.
3. UTILITY LOCATIONS AND PENETRATIONS ARE SHOWN FOR THE CONTRACTORS INFORMATION AND SHALL BE VERIFIED WITH THE ELECTRICAL ENGINEER AND THE PROJECT DEVELOPERS CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE PROP. SANITARY SEWERS AND WHERE PROP. STORM PIPING WILL CROSS EXISTING UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. THE CONTRACTOR SHALL CONTACT THE PROJECT DEVELOPER IN THE EVENT OF ANY DISCOVERED OR UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED SANITARY SEWERS, STORM PIPING AND UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
5. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
6. THE CONTRACTOR SHALL ENSURE THAT ALL UTILITY PROVIDERS AND GOVERNING AUTHORITY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET. THE CONTRACTOR SHALL PERFORM PROPER COORDINATION WITH THE RESPECTIVE UTILITY PROVIDER.
7. THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY PROVIDERS FOR SERVICE INSTALLATIONS AND CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY PROVIDERS AND SHALL PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS, RELOCATIONS, INSPECTIONS, AND DEMOLITION UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THE CONTRACT.
8. ALL EXISTING PAVEMENT WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT. AFTER UTILITY INSTALLATION IS COMPLETED, THE CONTRACTOR SHALL INSTALL TEMPORARY AND/OR PERMANENT PAVEMENT REPAIR AS DETAILED ON THE DRAWINGS OR AS REQUIRED BY THE CITY OF WEST HAVEN.
9. ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
10. RELOCATION OF UTILITY PROVIDER FACILITIES, SUCH AS POLES, SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY PROVIDER.
11. THE CONTRACTOR SHALL COMPACT PIPE BACKFILL IN 8" LIFTS ACCORDING TO THE PIPE BEDDING DETAILS. TRENCH BOTTOM SHALL BE STABLE IN HIGH GROUNDWATER AREAS. A PIPE FOUNDATION SHALL BE USED PER THE TRENCH DETAILS AND IN AREAS OF ROCK EXCAVATION.
12. CONTRACTOR TO PROVIDE STEEL SLEEVES AND ANNULAR SPACE SAND FILL FOR UTILITY PIPE AND CONDUIT CONNECTIONS UNDER FOOTINGS.
13. ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE UTILITY PROVIDER REQUIREMENTS.
14. A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN WATER, GAS, ELECTRICAL, AND TELEPHONE LINES AND STORM PIPING SHALL BE PROVIDED. A SIX-INCH MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN STORM PIPING AND SANITARY SEWER. A 6-INCH TO 18-INCH VERTICAL CLEARANCE BETWEEN SANITARY SEWER PIPING AND STORM PIPING SHALL REQUIRE CONCRETE ENCASEMENT OF THE SANITARY PIPING.
15. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, CONDUIT, PAVEMENT, CURBING, SIDEWALKS, DRAINAGE STRUCTURE, SWALE OR LANDSCAPED AREAS DISTURBED DURING CONSTRUCTION, TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE PROJECT DEVELOPER AND CITY OF WEST HAVEN.
16. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY, AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE INCLUDING SERVICES. CONTACT "CALL BEFORE YOU DIG" AT 811 72 HOURS PRIOR TO CONSTRUCTION AND VERIFY ALL UNDERGROUND AND OVERHEAD UTILITY AND STORM DRAINAGE LOCATIONS. THE CONTRACTOR SHALL EMPLOY THE USE OF A UTILITY LOCATING COMPANY TO PROVIDE SUBSURFACE UTILITY ENGINEERING CONSISTING OF DESIGNATING UTILITIES AND STORM PIPING ON PRIVATE PROPERTY WITHIN THE CONTRACT LIMIT AND CONSISTING OF DESIGNATING AND LOCATING WHERE PROP. UTILITIES AND STORM PIPING CROSS EXISTING UTILITIES AND STORM PIPING WITHIN THE CONTRACT LIMITS.
17. THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED BY UTILITY PROVIDERS. THE CONTRACTOR SHALL PAY ALL UTILITY FEES UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATION MANUAL AND GENERAL CONDITIONS, AND REPAIR PAVEMENTS AS NECESSARY.
18. ELECTRIC DRAWINGS AND REQUIREMENTS ARE NOT INCLUDED AS PART OF THIS DRAWING SET AND SHOULD BE OBTAINED FROM THE PROJECT DEVELOPER.
19. ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE PROJECT DEVELOPER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
20. THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING BUILDINGS WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED TO DISCONNECT BY THE PROJECT DEVELOPER, CITY OF WEST HAVEN, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.

PERSONNEL TO IMMEDIATELY REPORT ANY ENCOUNTERS WITH ANY RARE SPECIES. EDUCATIONAL POSTER MATERIALS WILL BE PROVIDED BY APT AND DISPLAYED ON THE JOB SITE TO MAINTAIN WORKER AWARENESS AS THE PROJECT PROGRESSES.

c. IF ANY RARE SPECIES ARE ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY CEASE ALL WORK, AVOID ANY DISTURBANCE TO THE SPECIES, AND CONTACT APT.

BAT HABITAT - TREE CLEARING RESTRICTION

a. A TIME OF YEAR RESTRICTION ("TOYR") FOR TREE CLEARING RESTRICTS TREE REMOVAL TO OCCUR ONLY BETWEEN AUGUST 16TH/ THROUGH MAY 31ST/, DURING THE BAT'S INACTIVE PUP SEASON, WHEN TCB WOULD LIKELY NOT BE PRESENT IN FORESTED HABITAT ON THE SUBJECT PROPERTY. DO NOT REMOVE TREES BETWEEN JUNE 1ST/ THROUGH AUGUST 15TH/.

REPORTING

a. A COMPLIANCE MONITORING REPORT (BRIEF NARRATIVE AND APPLICABLE PHOTOS) DOCUMENTING APT INSPECTION VERIFYING TOYR FOR TREE REMOVAL WAS ADHERED TO WILL BE SUBMITTED BY APT TO THE PERMITTEE FOR COMPLIANCE VERIFICATION. ANY OBSERVATIONS OF BATS WILL BE INCLUDED IN THE REPORTS.

b. FOLLOWING COMPLETION OF THE CONSTRUCTION PROJECT, APT WILL PROVIDE A FINAL COMPLIANCE MONITORING REPORT TO THE PERMITTEE DOCUMENTING IMPLEMENTATION OF THIS TCB PROTECTION PROGRAM AND ANY SPECIES OBSERVATIONS. THE PERMITTEE SHALL PROVIDE A COPY OF THE FINAL COMPLIANCE MONITORING REPORT TO THE CONNECTICUT SITING COUNCIL FOR COMPLIANCE VERIFICATION.

c. ANY OBSERVATIONS OF RARE SPECIES WILL BE REPORTED TO DEEP BY APT ON THE APPROPRIATE SPECIAL ANIMAL REPORTING FORM, WITH PHOTO-DOCUMENTATION (IF POSSIBLE) AND SPECIFIC INFORMATION ON THE LOCATION AND DISPOSITION OF THE ANIMAL.

CONSTRUCTION SEQUENCE NOTES

CONSTRUCTION ACTIVITIES ARE EXPECTED TO TAKE UP TO EIGHT MONTHS.

- THE GENERAL CONSTRUCTION NOTES ARE AS FOLLOWS:
1. THE SITE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT ROADS/HIGHWAYS AND THEIR DRAINAGE SYSTEM, NEIGHBORING PROPERTIES, WETLANDS AND REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT. DESIGNATED ACCESS DRIVES MUST BE USED TO THE MAXIMUM EXTENTS POSSIBLE. IT IS REQUIRED THAT THE SITE CONTRACTOR PERFORM A DAILY INSPECTION OF ALL EROSION AND SEDIMENT CONTROL MEASURES EMPLOYED AT THE SITE.
2. A CTDEEP-APPROVED QUALIFIED INSPECTOR SHALL BE ASSIGNED TO BE RESPONSIBLE FOR PERFORMING INSPECTIONS AND PREPARING REPORTS IN ACCORDANCE WITH SECTION 5(B)(4)(B) OF THE CONSTRUCTION GENERAL PERMIT. THESE INSPECTIONS SHALL TAKE PLACE WEEKLY, AT A MINIMUM, AND SHALL BE REQUIRED WITHIN 24 HOURS OF A RAINFALL EVENT EXCEEDING 0.5 INCHES. THE ENGINEER OF RECORD SHALL BE REQUIRED TO REVIEW AND COUNTER-SIGN THE PREPARED WEEKLY REPORTS.
3. ENGINEER OF RECORD WILL PERFORM MONTHLY PLAN IMPLEMENTATION INSPECTIONS UNTIL EROSION CONTROLS ARE IN PLACE, OR THE FIRST THREE MONTHS (WHICHEVER IS GREATER) AND WILL PREPARE REPORTS OF THE FINDINGS.
4. THROUGHOUT THE COURSE OF THE CONSTRUCTION PROJECT, ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE WARRANTED AT THE DISCRETION OF THE QUALIFIED INSPECTOR AND/OR DESIGN ENGINEER. THESE IMPROVEMENTS MUST BE IMPLEMENTED IN A TIMELY FASHION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT.
5. PRIOR TO CONSTRUCTION, THE APPLICANT SHALL PROVIDE THE CITY OF WEST HAVEN WITH THE NAME OF CONTACT AND 24-HOUR CONTACT INFORMATION.
6. CONTRACTOR SHALL ADHERE TO 2024 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, AS AMENDED.
7. THE CONTRACTOR SHALL HOLD PRE-CONSTRUCTION MEETING(S). ATTENDEES SHALL INCLUDE, BUT NOT BE LIMITED TO, REPRESENTATIVES OF THE GENERAL CONTRACTOR, SITE CONTRACTOR, CTDEEP, CITY OF WEST HAVEN, ENGINEER OF RECORD, AND QUALIFIED SWPPP INSPECTOR.
8. THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG (1-800-922-4455) PRIOR TO ENGAGING IN ANY EXCAVATION ACTIVITIES AT THE SITE.
9. NO CONSTRUCTION OF SITE IMPROVEMENTS MAY BEGIN UNTIL THE PROPER EROSION CONTROL MEASURES SERVING THE AREA TO BE DISTURBED ARE IN PLACE.
10. ANTICIPATED WORK HOURS WILL BE BETWEEN 7:00 AM AND 5:00 PM MONDAY THROUGH FRIDAY. IF ANY VARIATION FROM THIS SCHEDULE IS TEMPORARILY REQUIRED, THE PROJECT TEAM SHALL PROVIDE NOTICE TO CONNECTICUT SITING COUNCIL.
11. HIGH FLOTATION TIRE EQUIPMENT SHALL BE USED TO THE MAXIMUM EXTENTS PRACTICABLE IN LIEU OF TRACK CONSTRUCTION EQUIPMENT IN AN EFFORT TO AVOID COMPACTION OF THE NATIVE SOILS.

PRE-CONSTRUCTION SITE PROTECTION SEQUENCE

1. SURVEY AND MARK ALL WOODLAND CLEARING LIMITS.
2. EXISTING AND PROPOSED ACCESS ROADS SHALL BE DESIGNATED AS EARLY AS FEASIBLE AND USED PRIMARILY FOR CONSTRUCTION TRAFFIC.
3. FIELD SURVEY AND MARK BOUNDARY BETWEEN CLEARING LIMITS AND GRUBBING LIMITS.
4. INSTALL EROSION AND SEDIMENT CONTROLS FOLLOWING THE CT GUIDELINES AND MANUFACTURER'S DIRECTIONS. DURING CONSTRUCTION, THE CONTRACTOR SHALL INSTALL MEASURES AS REQUIRED BY THE ENGINEER OF RECORD OR QUALIFIED INSPECTOR, TO PREVENT SEDIMENT-LADEN RUNOFF FROM REACHING WETLANDS OR DISCHARGING OFFSITE.
5. CLEAR AND GRUB VEGETATION PER SITE PLANS.
6. THE USE OF A TUB GRINDER IS RECOMMENDED FOR THE MULCHING OF FELLED TREES IF CHIPPED ON SITE. MULCH SHALL NOT BE CAST WIDESPREAD ACROSS SITE AS IT WILL INHIBIT VEGETATIVE GROWTH.
7. PERFORM EARTHWORK AND SHAPING ON THE SITE. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM AREAS PROPOSED FOR REGRADING. EXCESS SOIL WHICH IS NOT REUSED IN PROPOSED SITE GRADING AS DEPICTED ON PLANS CAN BE HAULED OFF-SITE.
8. TOPSOIL SHALL BE REPLACED OVER REGRADED AREAS UPON COMPLETION OF MASS EARTHWORK ACTIVITIES AND AREAS WHICH WERE DISTURBED BY MASS EARTHWORK OPERATIONS SHALL BE RESEEDD WITHIN 72 HOURS OF COMPLETION.
9. THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL ADDRESS ONGOING EROSION PROBLEMS USING TEMPORARY DIVERSIONS AND FILLING AND GRADING GULLIES.

CONSTRUCTION SEQUENCE

1. INSTALL STABILIZED GRAVEL ROADS.
2. INSTALL ELECTRICAL COMPONENTS AND INTERCONNECTION.
3. INSTALL DRAINAGE STRUCTURES AND INFILTRATION SYSTEM. INSTALL INLET PROTECTION ON ALL PROPOSED INLETS.
4. INSTALL SITE FENCING AND/OR SOUND WALL.
5. RESEED, REPAVE, AND/OR REPLANT ANY AREAS DISTURBED BY CONSTRUCTION.
6. AFTER SITE IS STABILIZED, AND AFTER INSPECTION BY DESIGN ENGINEER, OR OTHER OWNERS REPRESENTATIVE, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS. ENTIRE SITE SHALL BE CHECKED FOR AND CLEANED OF SEDIMENT AS NEEDED

| GENERAL LEGEND | | |
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| | EXISTING | PROPOSED |
| PROPERTY LINE | | |
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| EASEMENT | | |
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| WETLAND | | |
| WETLAND BUFFER | | |
| VERNAL POOL | | |
| VERNAL POOL BUFFER | | |
| WATERCOURSE | | |
| WATERCOURSE BUFFER | | |
| MAJOR CONTOUR | | |
| MINOR CONTOUR | | |
| UNDERGROUND ELECTRIC | | |
| OVERHEAD ELECTRIC | | |
| FENCE | | |
| LIMIT OF DISTURBANCE | | |
| FILTER SOCK | | |
| SILT FENCE | | |
| GRAVEL PAD | | |
| GRAVEL ROAD | | |

SITE PLAN NOTES

1. THE ALTANSPS LAND TITLE SURVEY WAS PROVIDED BY MARTIN SURVEYING ASSOCIATES, LLC DATED SEPTEMBER 3, 2024.
2. THERE ARE NO WETLANDS PRESENT ON THE PROPERTY. THIS HAS BEEN VERIFIED BY VANASSE HANGEN BRUSTLIN, INC., SEPTEMBER 28, 2022.
3. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDED SEQUENCE OF CONSTRUCTION NOTES PROVIDED ON THE EROSION CONTROL PLAN OR SUBMIT AN ALTERNATE PLAN FOR APPROVAL BY THE ENGINEER AND/OR PERMITTING AGENCIES PRIOR TO THE START CONSTRUCTION. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
4. PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL, SO AS TO PREVENT THE SILTING OF ANY WATERCOURSE OR BYWAYS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. IN ADDITION, THE CONTRACTOR SHALL ADHERE TO THE "SEDIMENTATION EROSION CONTROL PLAN" CONTAINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY GOVERNMENT AGENCIES WHICH WOULD GUARANTEE THE PROPER IMPLEMENTATION OF THE PLAN.
5. ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTHWORK AND STORM DRAINAGE WORK, SHALL CONFORM TO THE SPECIFICATIONS AND DETAILS AND APPLICABLE SECTIONS OF THE PROJECT SPECIFICATIONS MANUAL. OTHERWISE THIS WORK SHALL CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION AND PROJECT GEOTECHNICAL REPORT IF THERE IS NO PROJECT SPECIFICATIONS MANUAL. ALL FILL MATERIAL UNDER STRUCTURES AND PAVED AREAS SHALL BE PER THE ABOVE STATED APPLICABLE SPECIFICATIONS, AND/OR PROJECT GEOTECHNICAL REPORT, AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER. MATERIAL SHALL BE COMPACTED IN 8" LIFTS TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557 AT 95% PERCENT OF OPTIMUM MOISTURE CONTENT.
6. ALL DISTURBANCE INCURRED TO PUBLIC, MUNICI PAL, COUNTY, STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE CITY OF WEST HAVEN AND STATE OF CONNECTICUT.
7. IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT.

EAST POINT ENERGY
AN EQUINOR COMPANY

310 4TH STREET NE - 3RD FLOOR
CHARLOTTESVILLE, VA 22902

ALL-POINTS TECHNOLOGY CORPORATION

567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

| CSC DOCUMENTS | | |
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| NO | DATE | REVISION |
| 1 | | |
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NOT FOR CONSTRUCTION

DESIGN PROFESSIONALS OF RECORD

PROF: THOMAS E. LITTLE, P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: FRED & SUZANNE REALTY LLC
ADDRESS: 6 VICTOR RD.
NORTH HAVEN, CT 06473

WEST HAVEN BESS

| | |
|---|------------------|
| SITE ADDRESS: 337 ELM STREET WEST HAVEN, CT 06516 | |
| APT FILING NUMBER: C1720130 | |
| | DRAWN BY:UKA/ELZ |
| DATE: 01/23/25 | CHECKED BY: TEL |

SHEET TITLE:

GENERAL NOTES & LEGEND

SHEET NUMBER:

GN-1

CSC DOCUMENTS

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NOT FOR
CONSTRUCTION

DESIGN PROFESSIONALS OF RECORD

PROF: THOMAS E. LITTLE, P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: FRED & SUZANNE REALTY LLC
ADDRESS: 6 VICTOR RD.
NORTH HAVEN, CT 06473

WEST HAVEN BESS

SITE ADDRESS:
337 ELM STREET
WEST HAVEN, CT 06516

APT FILING NUMBER: CT720130

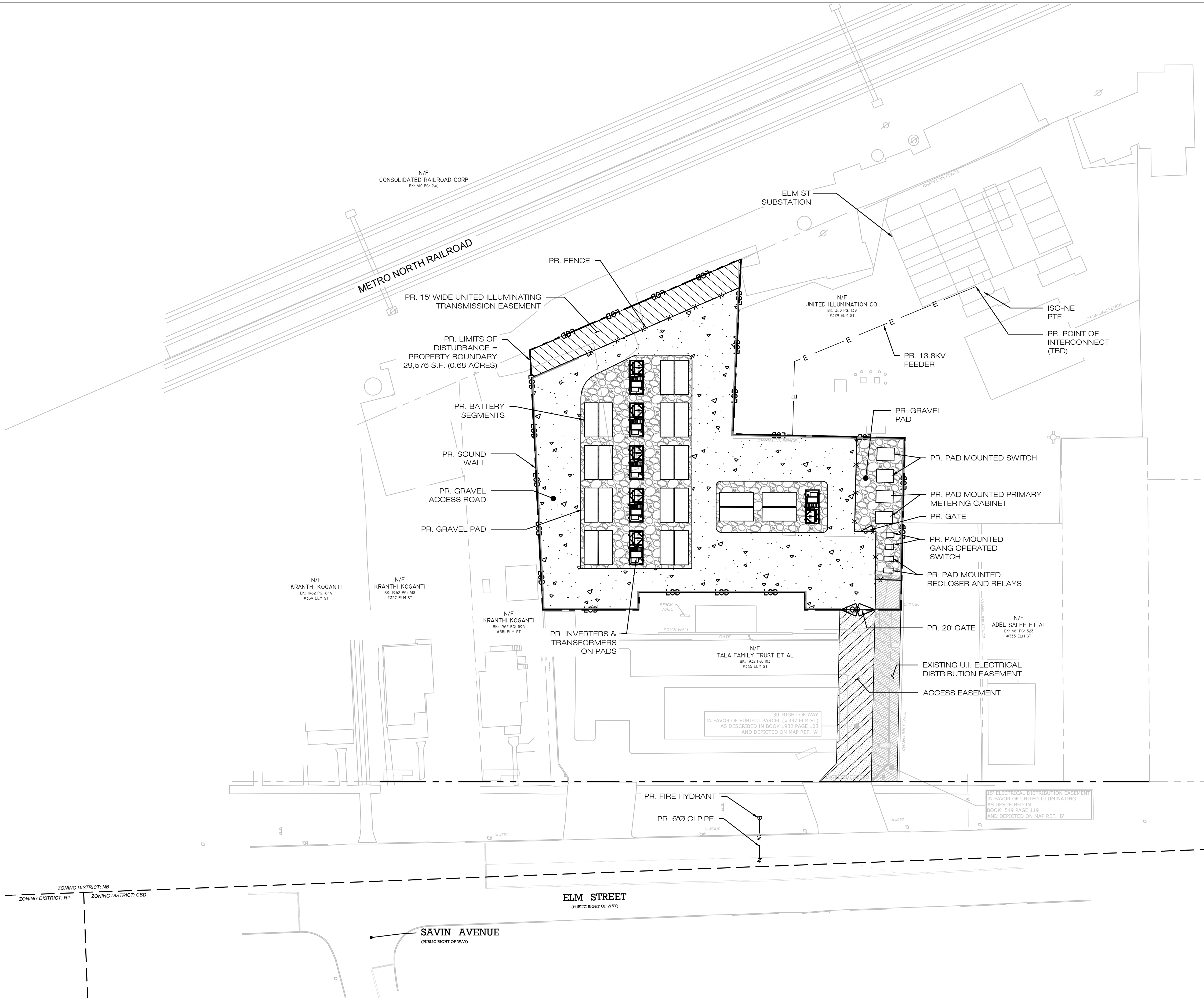
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| DATE: 01/23/25 | CHECKED BY: TEL |

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OVERALL SITE PLAN

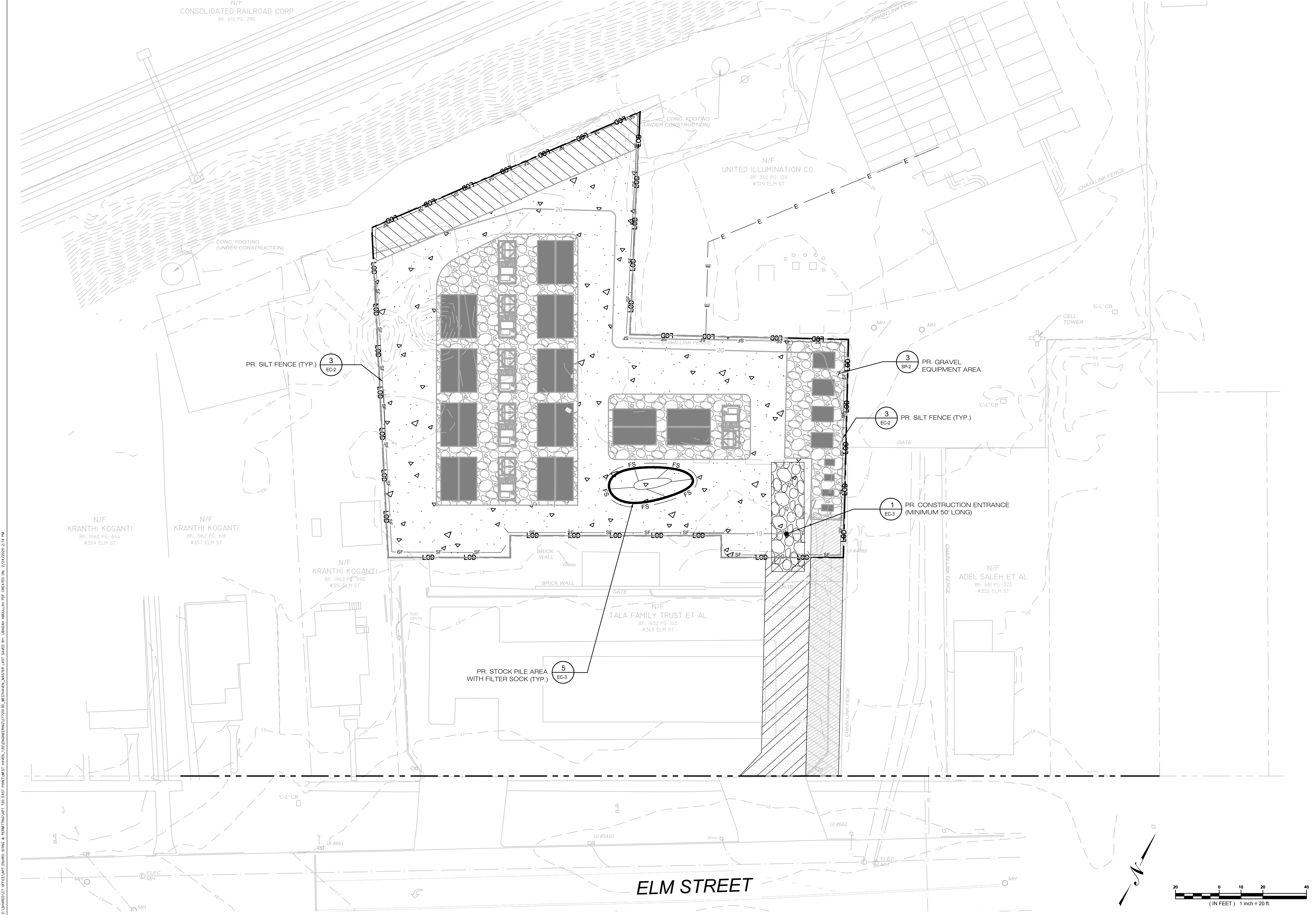
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(IN FEET) 1 inch = 30 ft.

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310 4TH STREET NE - 3RD FLOOR
CHARLOTTEVILLE, VA 22902



567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

| CSC DOCUMENTS | | |
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NOT FOR
CONSTRUCTION

DESIGN PROFESSIONALS OF RECORD

PROF: THOMAS E. LITTLE, P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385

OWNER: FRED & SUZANNE REALTY LLC
ADDRESS: 6 VICTOR RD. NORTH HAVEN, CT 06473

WEST HAVEN BESS

SITE ADDRESS:
337 ELM STREET
WEST HAVEN, CT 06516

APT FILING NUMBER: CT720130

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| | DRAWN BY:UKA/ELZ |
| DATE: 01/23/25 | CHECKED BY: TEL |

SHEET TITLE:
EROSION & SEDIMENT CONTROL PLAN

SHEET NUMBER:
EC-1

EROSION CONTROL NOTES

EROSION AND SEDIMENT CONTROL PLAN NOTES

1.

THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE CITY OF WEST HAVEN, PERMITTEE, AND/OR SWPCP MONITOR. ALL PERIMETER SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
2.

THESE DRAWINGS ARE ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL MEASURES FOR THIS SITE. SEE CONSTRUCTION SEQUENCE FOR ADDITIONAL INFORMATION. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN ARE SHOWN AS REQUIRED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO STORM DRAINAGE SYSTEMS AND/OR WATERCOURSES. ACTUAL SITE CONDITIONS OR SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR CONFIGURATIONS, AS REQUIRED, AND AS DIRECTED BY THE PERMITTEE AND/OR SWPCP MONITOR. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.
3.

A BOND OR LETTER OF CREDIT MAY BE REQUIRED TO BE POSTED WITH THE GOVERNING AUTHORITY FOR THE EROSION CONTROL INSTALLATION AND MAINTENANCE.
4.

THE CONTRACTOR SHALL APPLY THE MINIMUM EROSION & SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN IN CONJUNCTION WITH CONSTRUCTION SEQUENCING, SUCH THAT ALL ACTIVE WORK ZONES ARE PROTECTED. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, MUNICIPAL OFFICIALS, OR ANY GOVERNING AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED BY THE CONTRACTOR.
5.

THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CONSTRUCTION SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR INSTALLED SEDIMENTATION AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS WEEKLY AND WITHIN 24 HOURS OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCHES OR GREATER TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS AS NECESSARY IN A TIMELY MANOR.
6.

THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (SILT FENCE, COMPOST FILTER SOCK, EROSION CONTROL BLANKET, ETC.) ON-SITE FOR PERIODIC MAINTENANCE AND EMERGENCY REPAIRS.
7.

ALL FILL MATERIAL PLACED ADJACENT TO ANY WETLAND AREA SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE CONTRACT SPECIFICATIONS.
8.

PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING, ORANGE SAFETY FENCE, CONSTRUCTION TAPE, OR EQUIVALENT FENCING/TAPE. ANY LIMB TRIMMING SHOULD BE DONE AFTER CONSULTATION WITH AN ARBORIST AND BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
9.

CONSTRUCTION ENTRANCES (ANTI-TRACKING PADS) SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR CONSTRUCTION ACTIVITY AND SHALL BE MAINTAINED THROUGHOUT THE DURATION OF ALL CONSTRUCTION IF REQUIRED. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED. CONTRACTOR SHALL ENSURE THAT ALL VEHICLES EXITING THE SITE ARE PASSING OVER THE ANTI-TRACKING PADS PRIOR TO EXITING.
10.

ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, HAY BALES, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SEDIMENT BARRIER UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE BARRIER.
11.

NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS. ALL SLOPES SHALL BE SEEDED AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
12.

DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE CONFORMING TO THE GUIDELINES WITHIN THE APPROVED LIMIT OF DISTURBANCE IF REQUIRED. DISCHARGE TO STORM DRAINS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR AND APPROVED BY THE PERMITTEE OR MUNICIPALITY.
13.

THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS ON THE SITE. PROPER SANITARY DEVICES SHALL BE MAINTAINED ON-SITE AT ALL TIMES AND SECURED APPROPRIATELY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS ON THE CONSTRUCTION SITE AND SHALL ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION AND RESPONSE/CONTAINMENT.
14.

MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER.
15.

SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAYS DAMP. CALCIUM CHLORIDE MAY ALSO BE APPLIED TO ACCESS ROADS. DUMP TRUCK LOADS EXITING THE SITE SHALL BE COVERED.
16.

VEGETATIVE ESTABLISHMENT SHALL OCCUR ON ALL DISTURBED SOIL, UNLESS THE AREA IS UNDER ACTIVE CONSTRUCTION, IT IS COVERED IN STONE OR SCHEDULED FOR PAVING WITHIN 30 DAYS. TEMPORARY SEEDING OR NON-LIVING SOIL PROTECTION OF ALL EXPOSED SOILS AND SLOPES SHALL BE INITIATED WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK IN AREAS TO BE LEFT LONGER THAN 30 DAYS.
17.

MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP CONCRETE PADS, CLEAN THE STORMWATER MANAGEMENT SYSTEMS AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS ONCE THE SITE IS FULLY STABILIZED AND APPROVAL HAS BEEN RECEIVED FROM PERMITTEE OR THE MUNICIPALITY.
18.

THE SITE WAS DESIGNED TO COMPLY WITH FEDERAL, STATE, AND, IF APPLICABLE, LOCAL STANDARDS, PLUS CURRENT ACCEPTED PRACTICES FOR THE INDUSTRY. ADDITIONAL CONTROLS AND ACTIVITIES MAY BE DEEMED NECESSARY BY THE SWPCP MONITOR DURING CONSTRUCTION AS A RESULT OF UNFORESEEN CONDITIONS AND/OR MEANS AND METHODS. SUCH ITEMS MAY INCLUDE, BUT ARE NOT LIMITED TO: ADDITIONAL FOREBAYS, BASINS, OR UPSTREAM STRUCTURAL CONTROLS, THE USE OF FLOCCULANTS OF FLOCK LOGS TO DECREASE SEDIMENT, DISCHARGE MANAGEMENT SUCH AS ADDITIONAL ARMORING AND FILTERING MEASURES (I.E. STRAW BALES, WATTLES, ETC.), AND HYDROSEEDING WITH RAPIDLY GERMINATING SEED.

| CONSTRUCTION OPERATION AND MAINTENANCE PLAN - BY CONTRACTOR | | |
|---|--|--|
| E&S MEASURE | INSPECTION SCHEDULE | MAINTENANCE REQUIRED |
| CONSTRUCTION ENTRANCE | DAILY | PLACE ADDITIONAL STONE, EXTEND THE LENGTH OR REMOVE AND REPLACE THE STONE. CLEAN PAVED SURFACES OF TRACKED SEDIMENT. |
| COMPOST FILTER SOCK | WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25" | REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. |
| SILT FENCE | WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25" | REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SILT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE. |
| TOPSOIL/BORROW STOCKPILES | DAILY | REPAIR/REPLACE SEDIMENT BARRIERS AS NECESSARY. |
| TEMPORARY SOIL PROTECTION | WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25" | REPAIR ERODED OR BARE AREAS IMMEDIATELY. RESEED AND MULCH. |



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DESIGN PROFESSIONALS OF RECORD

PROF: THOMAS E. LITTLE, P.E.
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337 ELM STREET
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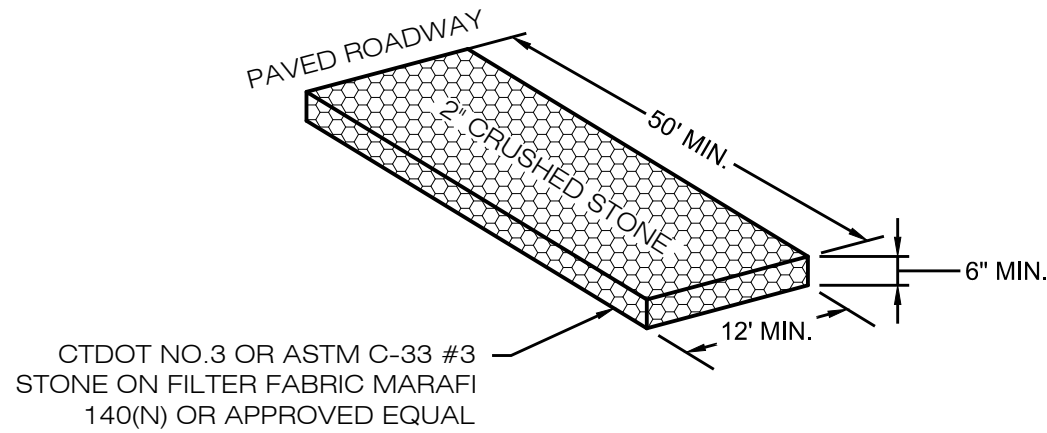
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| DATE: 01/23/25 | CHECKED BY: TEL |

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EROSION & SEDIMENT
CONTROL NOTES

SHEET NUMBER:

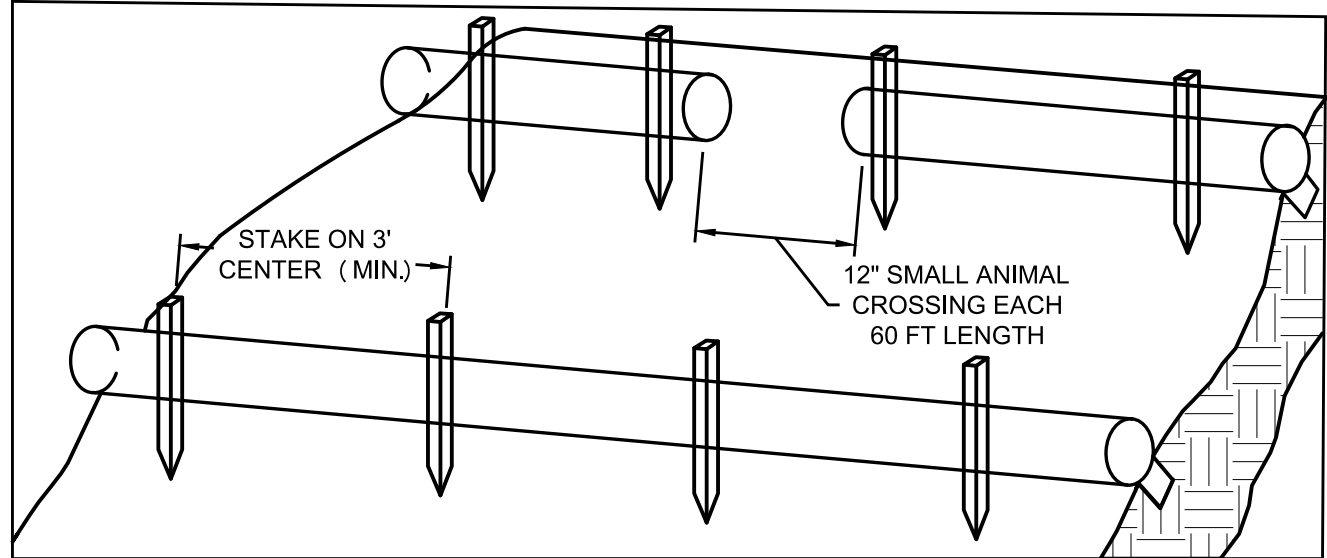
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CONSTRUCTION ENTRANCE DETAIL

1
EC-3

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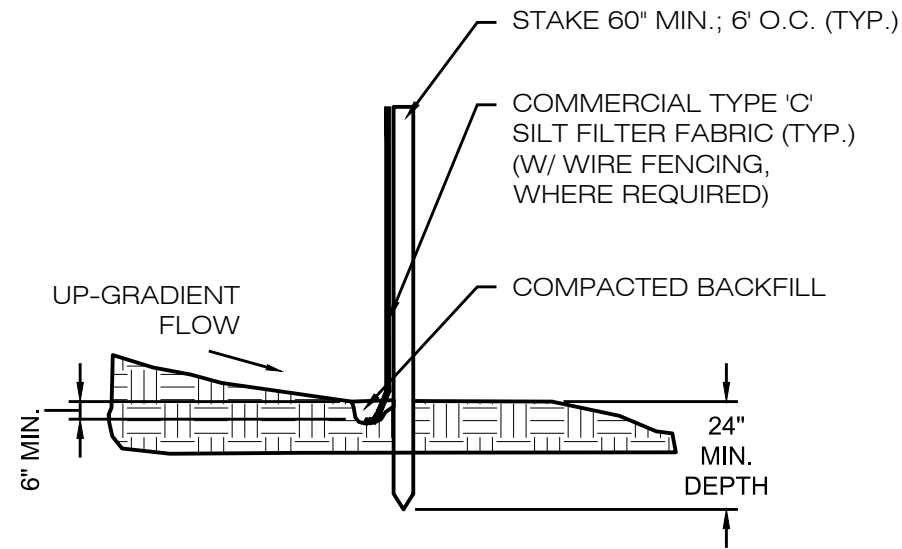


1. BEGIN AT THE LOCATION WHERE THE SOCK IS TO BE INSTALLED BY EXCAVATING A 2'-3" (5-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP SLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE SOCK IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE SOCK ON THE UPHILL SIDE. SOCKS SHALL BE INSTALLED IN 60 FT CONTINUOUS LENGTHS WITH ADJACENT SOCKS TIGHTLY ABUT. EVERY 60 FT THE SOCK ROW SHALL BE SPACED 12 INCHES CLEAR, END TO END, FOR AMPHIBIAN AND REPTILE TRAVEL. THE OPEN SPACES SHALL BE STAGGERED MID LENGTH OF THE NEXT DOWN GRADIENT SOCK.
3. SECURE THE SOCK WITH 18-24" (46.7-61 CM) STAKES EVERY 3' (0.9 -1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE SOCK LEAVING AT LEAST 2'-3" (6-7.5 CM) OF STAKE EXTENDING ABOVE THE SOCK. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.
4. CONTRACTOR TO FOLLOW MANUFACTURE'S SPECIFICATIONS AND INSTALL DIRECTIONS IF DIRECTED THAN WHAT IS PROVIDED ABOVE.

COMPOST FILTER SOCK SEDIMENTATION CONTROL BARRIER

2
EC-3

SCALE : N.T.S.

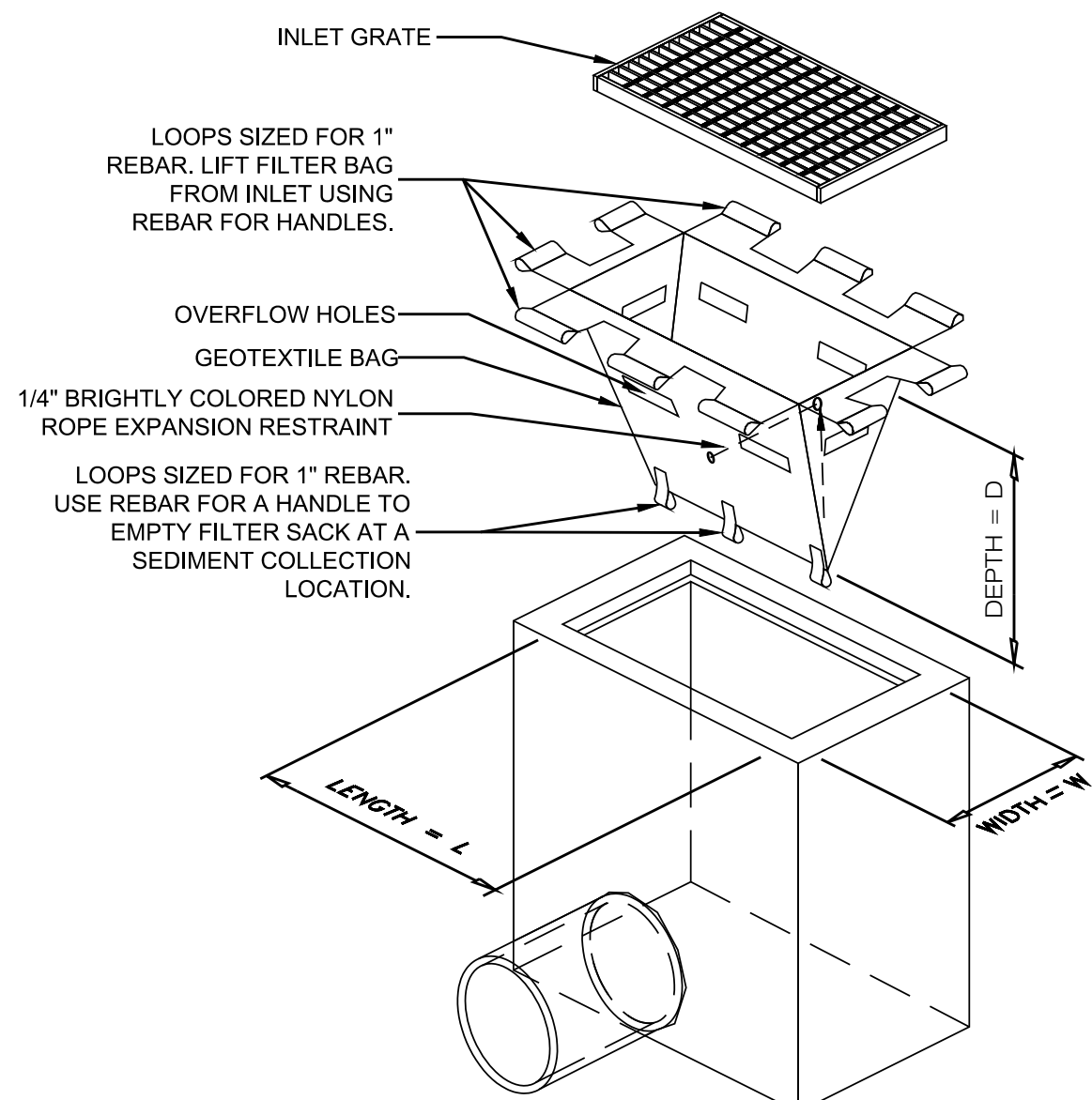


NOTE:
SILT FENCE SHALL BE LAPPED ONLY
WHEN NECESSARY PER THE
MANUFACTURER RECOMMENDATIONS.

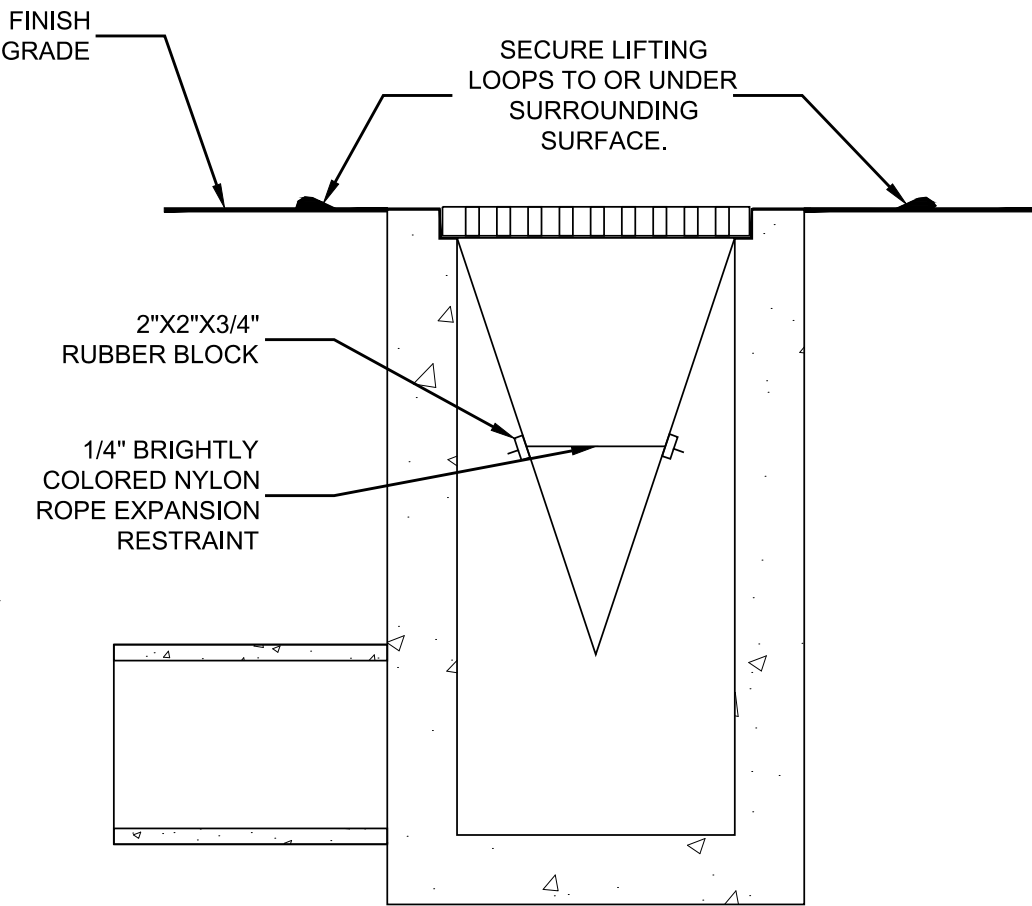
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SILT FENCE DETAIL

SCALE : N.T.S.



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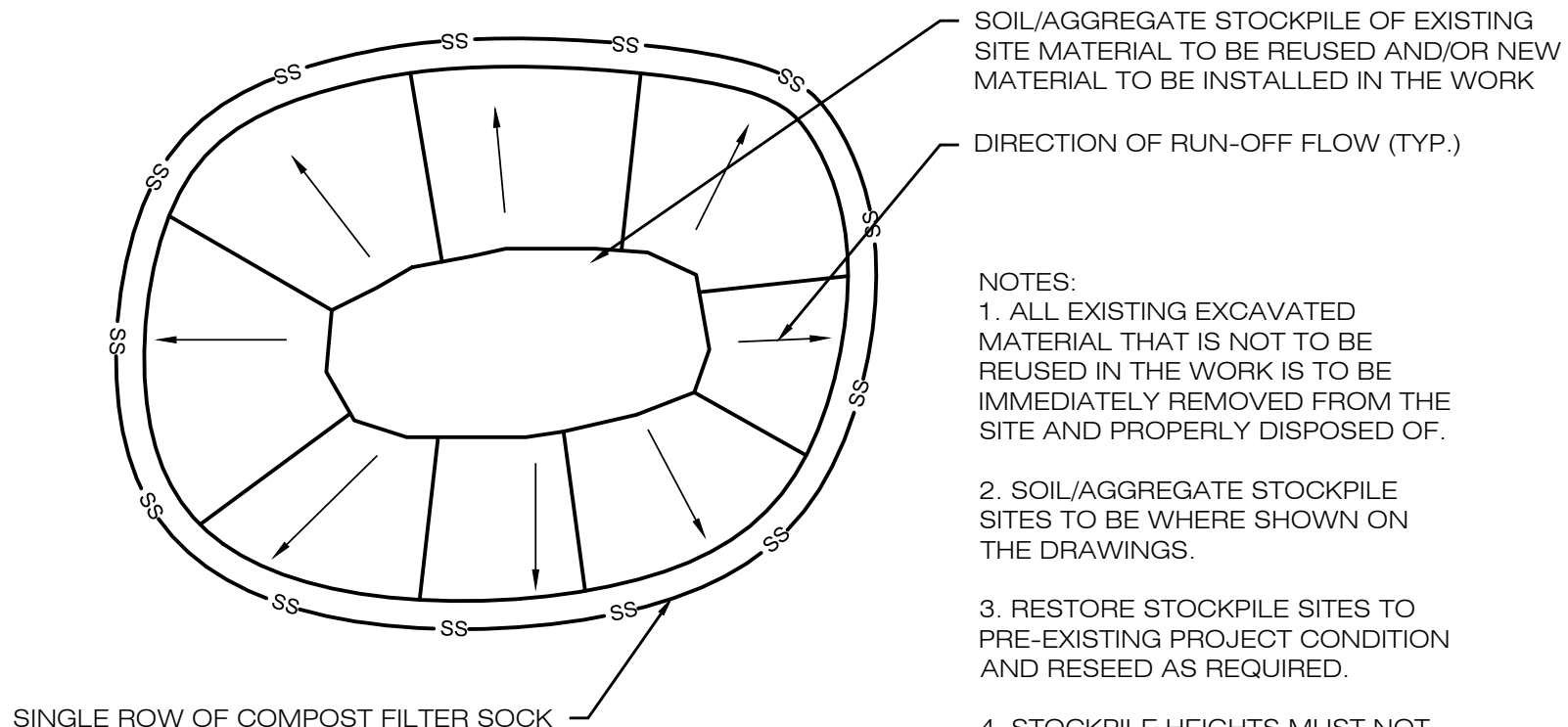


SECTION VIEW

4
EC-3

INLET PROTECTION

SCALE : N.T.S.



NOTES:
1. ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.

2. SOIL/AGGREGATE STOCKPILE SITES TO BE WHERE SHOWN ON THE DRAWINGS.

3. RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITION AND RESEED AS REQUIRED.

4. STOCKPILE HEIGHTS MUST NOT EXCEED 35'. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.

5
EC-3

MATERIALS STOCKPILE DETAIL

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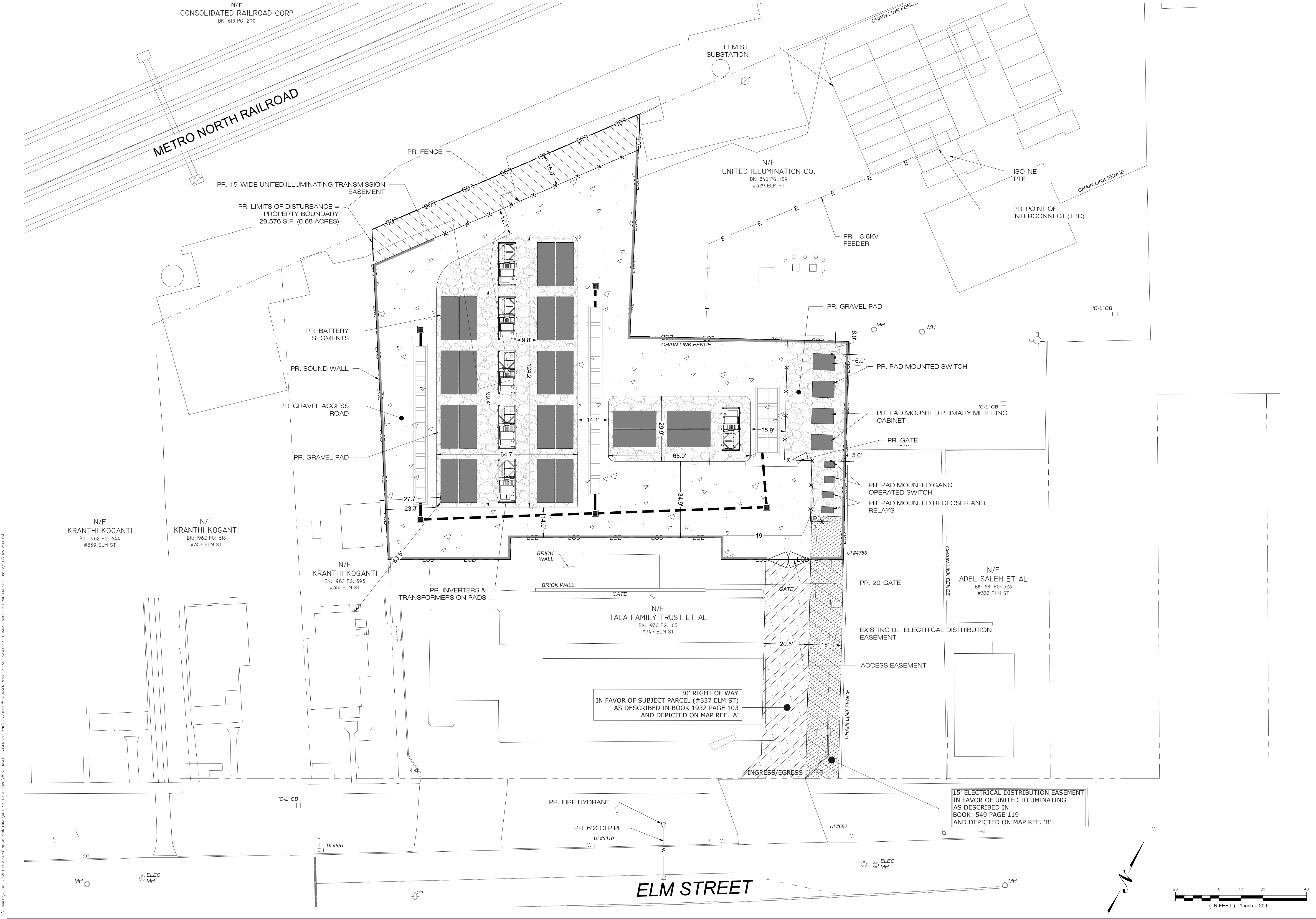
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**EROSION & SEDIMENT
CONTROL DETAILS**

SHEET NUMBER:

EC-3

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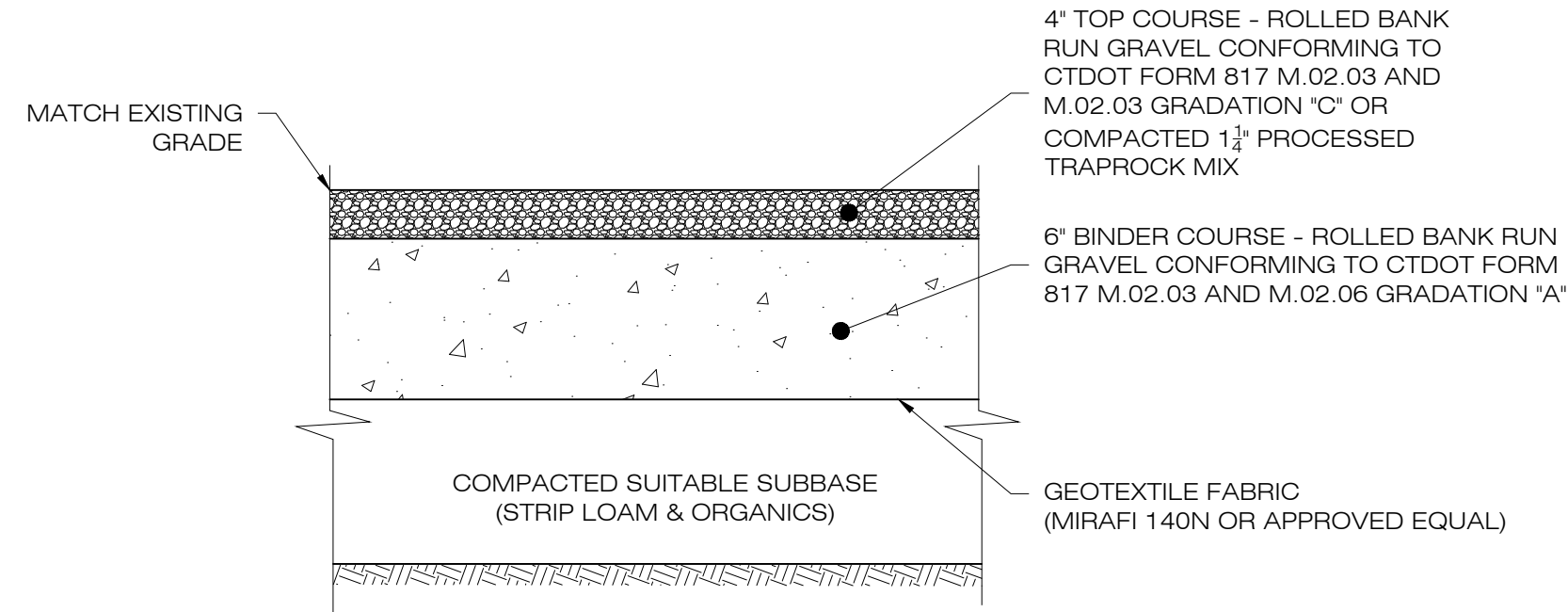
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SITE PLAN

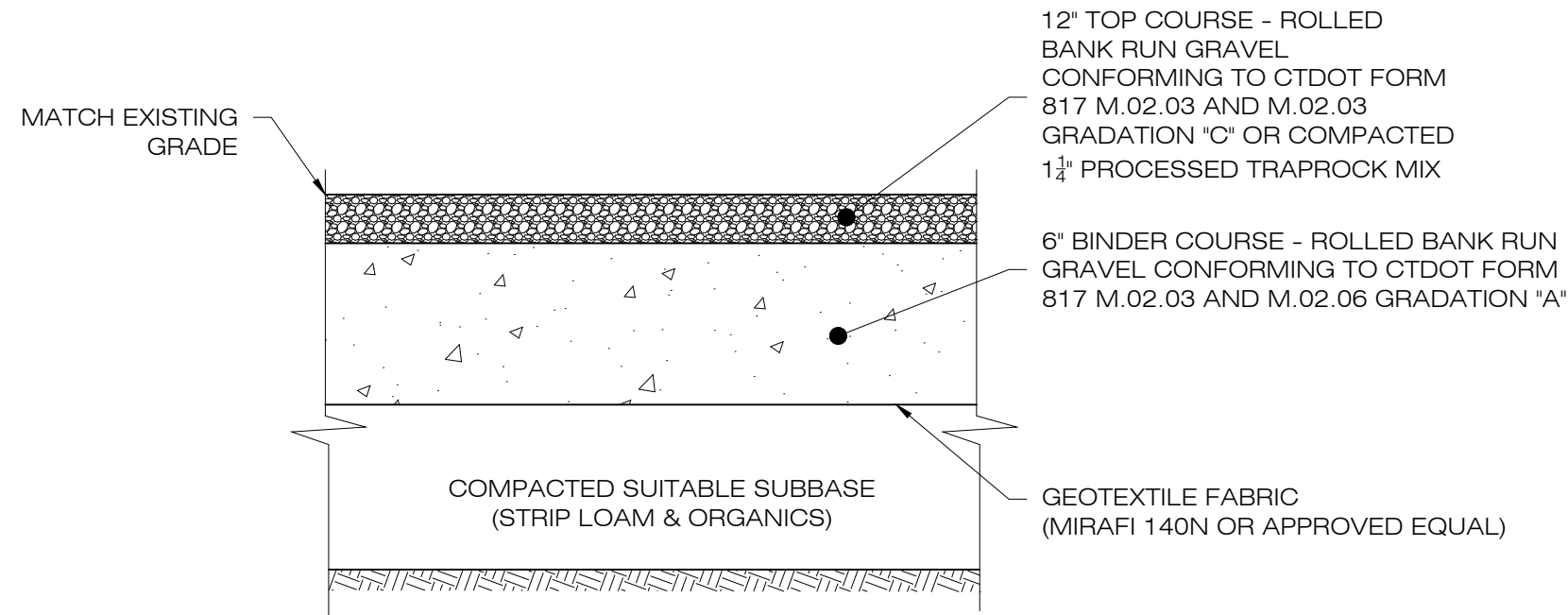
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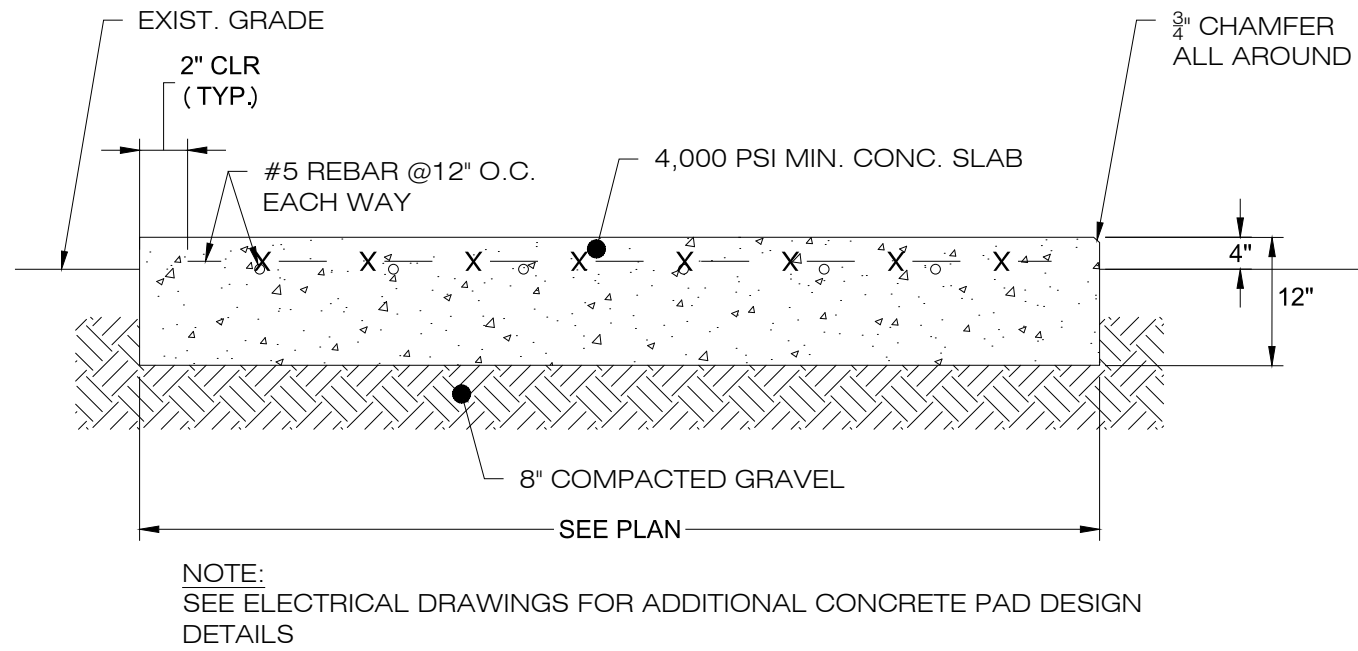
- NOTES:
- SUBBASE MAY CONSIST OF NATIVE MATERIALS IF FOUND ACCEPTABLE BY THE ENGINEER. SUBBASE TO BE COMPACTED TO 95% MAX DRY DENSITY.
 - SUBBASE IS TO BE FREE FROM DEBRIS AND UNSUITABLE MATERIALS.

1 GRAVEL ACCESS DRIVE SECTION
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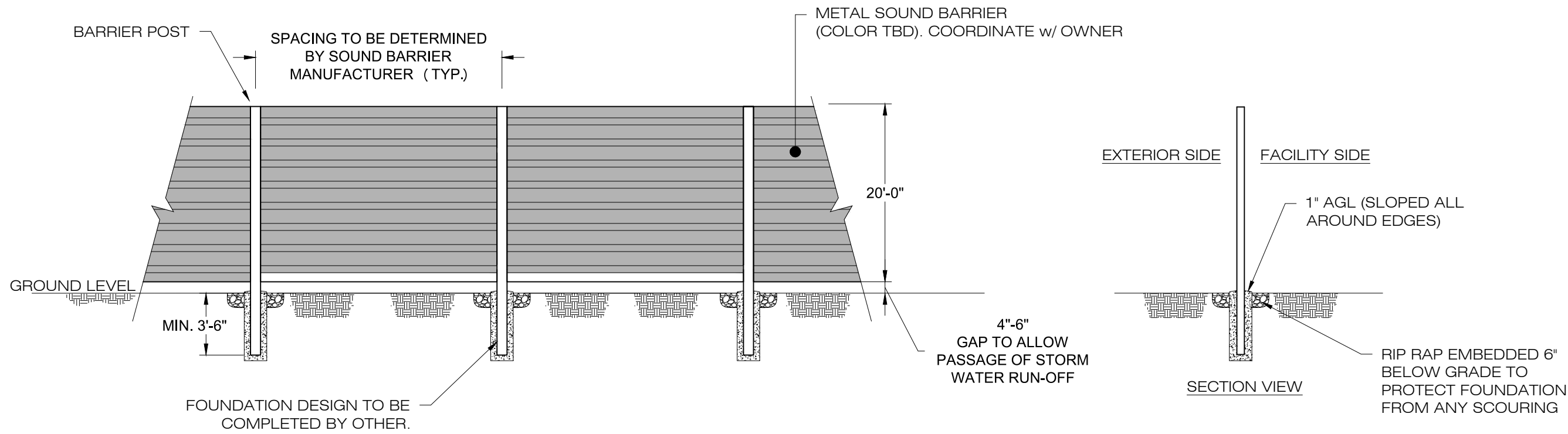


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3 GRAVEL PAD
SCALE : N.T.S.



2 CONCRETE EQUIPMENT PAD
SCALE : N.T.S.



- NOTES:
- SOUND BARRIER PRODUCT & SPECIFICATIONS TO BE DETERMINED BY OWNER.
 - BARRIER POST FOUNDATION TO BE DESIGNED BY OTHERS.

4 GENERIC SOUND BARRIER DETAIL
SCALE : N.T.S.

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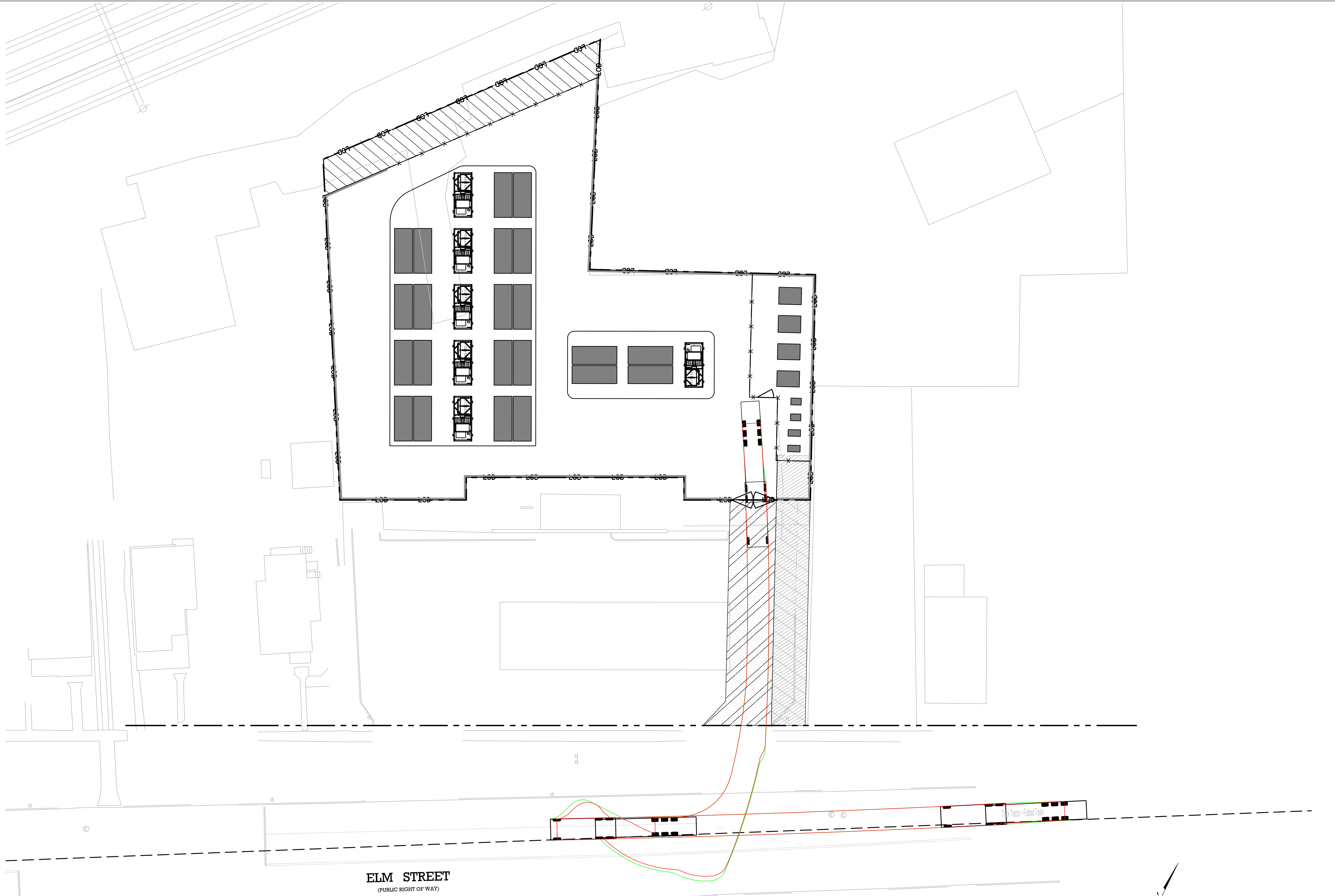
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SITE DETAILS

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SP-2

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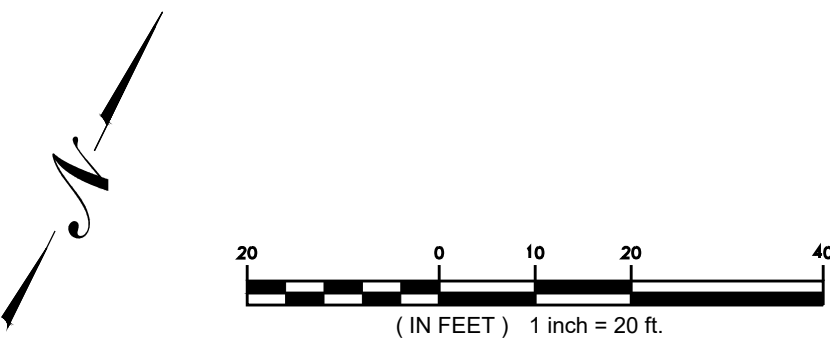
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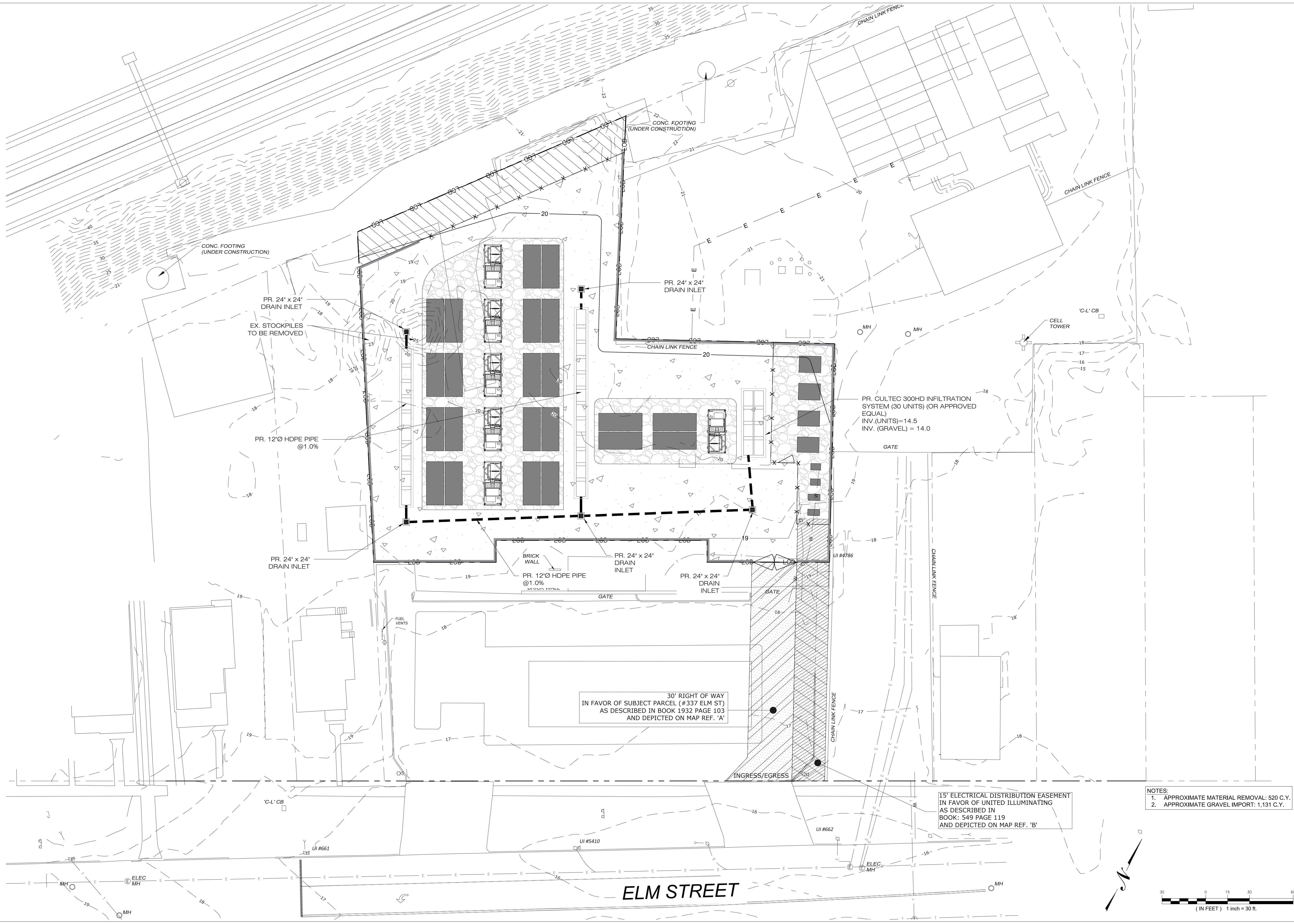
VEHICLE
TURNING ANALYSIS

SHEET NUMBER:

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DRAINAGE PLAN

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GD-2