

BLUEPRINT ROBOTICS

SITE PLAN AND SPECIAL USE PERMIT APPLICATION

11 GOODWIN DRIVE

MAP NO. 24, BLOCK NO. 133, LOT 11

TOWN OF WINDSOR, HARTFORD COUNTY, CONNECTICUT

CIVIL DRAWING INDEX

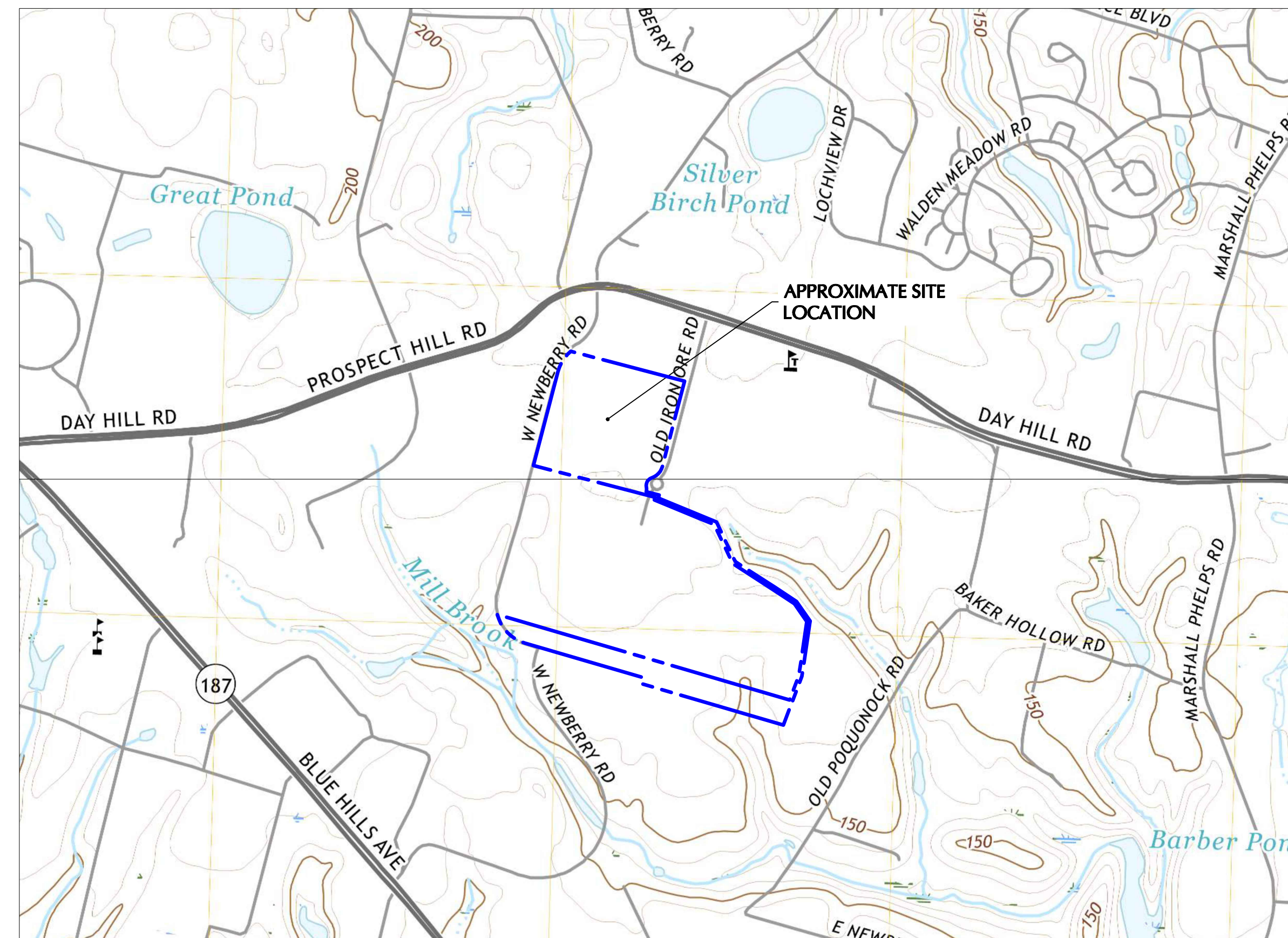
| SHEET NUMBER | DRAWING TITLE | DATE | LAST REVISED |
|--------------|---|------------|--------------|
| CS001 | SITE COVER SHEET | 04/13/2023 | --- |
| VL101-VL106 | ALTA/NSPS LAND TITLE SURVEY | 11/03/2022 | --- |
| VB201-VB202 | RE-SUBDIVISION PLAN | 02/21/2023 | --- |
| CS002 | MASTER LEGEND & NOTES | 04/13/2023 | --- |
| CS003 | ZONING PLAN | 04/13/2023 | --- |
| CS100 | OVERALL SITE PLAN | 04/13/2023 | --- |
| CS101 | SITE PLAN I | 04/13/2023 | --- |
| CS102 | SITE PLAN II | 04/13/2023 | --- |
| CS103 | SITE PLAN III | 04/13/2023 | --- |
| CS104 | SITE PLAN IV | 04/13/2023 | --- |
| CS200 | OVERALL SITE PLAN RESERVE PARKING CONDITION | 04/13/2023 | --- |
| CS201 | SITE PLAN I RESERVE PARKING CONDITION | 04/13/2023 | --- |
| CS202 | SITE PLAN II RESERVE PARKING CONDITION | 04/13/2023 | --- |
| CS203 | SITE PLAN III RESERVE PARKING CONDITION | 04/13/2023 | --- |
| CS501 | SITE DETAILS I | 04/13/2023 | --- |
| CS502 | SITE DETAILS II | 04/13/2023 | --- |
| CS503 | SITE DETAILS III | 04/13/2023 | --- |
| CG100 | OVERALL GRADING & DRAINAGE PLAN | 04/13/2023 | --- |
| CG101 | GRADING & DRAINAGE PLAN I | 04/13/2023 | --- |
| CG102 | GRADING & DRAINAGE PLAN II | 04/13/2023 | --- |
| CG103 | GRADING & DRAINAGE PLAN III | 04/13/2023 | --- |
| CG104 | GRADING & DRAINAGE PLAN IV | 04/13/2023 | --- |
| CG200 | OVERALL GRADING & DRAINAGE PLAN RESERVE PARKING CONDITION | 04/13/2023 | --- |
| CG201 | GRADING & DRAINAGE PLAN I RESERVE PARKING CONDITION | 04/13/2023 | --- |
| CG202 | GRADING & DRAINAGE PLAN II RESERVE PARKING CONDITION | 04/13/2023 | --- |
| CG203 | GRADING & DRAINAGE PLAN III RESERVE PARKING CONDITION | 04/13/2023 | --- |
| CG501 | GRADING & DRAINAGE DETAILS I | 04/13/2023 | --- |
| CG502 | GRADING & DRAINAGE DETAILS II | 04/13/2023 | --- |
| CG503 | GRADING & DRAINAGE DETAILS III | 04/13/2023 | --- |
| CG504 | GRADING & DRAINAGE DETAILS IV | 04/13/2023 | --- |
| CG505 | GRADING & DRAINAGE DETAILS V | 04/13/2023 | --- |
| CU100 | OVERALL UTILITY PLAN | 04/13/2023 | --- |
| CU101 | UTILITY PLAN I | 04/13/2023 | --- |
| CU102 | UTILITY PLAN II | 04/13/2023 | --- |
| CU103 | UTILITY PLAN III | 04/13/2023 | --- |
| CU104 | UTILITY PLAN IV | 04/13/2023 | --- |
| CU501 | UTILITY DETAILS I | 04/13/2023 | --- |
| CU502 | UTILITY DETAILS II | 04/13/2023 | --- |
| CU503 | UTILITY DETAILS III | 04/13/2023 | --- |
| CU504 | UTILITY DETAILS IV | 04/13/2023 | --- |
| CU505 | UTILITY DETAILS V | 04/13/2023 | --- |
| CE100 | OVERALL SOIL EROSION & SEDIMENT CONTROL PLAN (PHASE I) | 04/13/2023 | --- |
| CE200 | OVERALL SOIL EROSION & SEDIMENT CONTROL PLAN (PHASE II) | 04/13/2023 | --- |
| CE300 | OVERALL SOIL EROSION & SEDIMENT CONTROL PLAN (PHASE III) | 04/13/2023 | --- |
| CE501 | SOIL EROSION & SEDIMENT CONTROL DETAILS I | 04/13/2023 | --- |
| CE502 | SOIL EROSION & SEDIMENT CONTROL DETAILS II | 04/13/2023 | --- |
| LP100 | OVERALL LANDSCAPE PLANTING PLAN | 04/13/2023 | --- |
| LP101 | LANDSCAPE PLANTING PLAN I | 04/13/2023 | --- |
| LP102 | LANDSCAPE PLANTING PLAN II | 04/13/2023 | --- |
| LP103 | LANDSCAPE PLANTING PLAN III | 04/13/2023 | --- |
| LP104 | LANDSCAPE PLANTING PLAN IV | 04/13/2023 | --- |
| LP200 | OVERALL LANDSCAPE PLAN RESERVE PARKING CONDITION | 04/13/2023 | --- |
| LP501 | LANDSCAPE PLANTING DETAILS | 04/13/2023 | --- |
| LL100 | OVERALL SITE LIGHTING PLAN | 04/13/2023 | --- |
| LL101 | SITE LIGHTING PLAN I | 04/13/2023 | --- |
| LL102 | SITE LIGHTING PLAN II | 04/13/2023 | --- |
| LL103 | SITE LIGHTING PLAN III | 04/13/2023 | --- |
| LL104 | SITE LIGHTING PLAN IV | 04/13/2023 | --- |
| LL200 | OVERALL SITE LIGHTING PLAN RESERVE PARKING CONDITION | 04/13/2023 | --- |
| LL501 | SITE LIGHTING DETAILS | 04/13/2023 | --- |

PROPERTY OWNERS WITHIN 100' - WINDSOR

| ID | PROPERTY LOCATION | PROPERTY OWNER | PROPERTY OWNER ADDRESS |
|-------------|------------------------|--|--|
| 12-143-35 | 35 GREAT POND DRIVE | CELLCO PARTNERSHIP DBA VERIZON WIRELESS | 1 VERIZON WAY, BASKING RIDGE, NJ 07920 |
| 12-143-135 | 111 GREAT POND DRIVE | SCAPA TAPES NORTH AMERICA LLC | 111 GREAT POND DR, WINDSOR, CT 06095 |
| 23-133-1045 | 1001 DAY HILL ROAD | 1001 DAY HILL RD LLC | 184 FERN AVE, LITCHFIELD, CT 06759 |
| 23-133-1045 | 1045 DAY HILL ROAD | STORE MASTER FUNDING VII LLC | 8377 E HARTFORD DR STE 100, SCOTTSDALE, AZ 85255 |
| 23-133-1095 | 1095 DAY HILL ROAD | INFINITY VII LLC | 184 FERN AVE, LITCHFIELD, CT 06759 |
| 23-133-1099 | 1099 DAY HILL ROAD | WINDSOR TOWN OF | 275 BROAD ST, WINDSOR, CT 06095 |
| 24-133-5 | 115 OLD POQUONOCK ROAD | RAMOS VICTOR M | 651 PROSPECT HILL RD, WINDSOR, CT 06095 |
| 24-133-10 | 10 GOODWIN DRIVE | WINDSOR TOWN OF | 275 BROAD ST, WINDSOR, CT 06095 |
| 24-133-11 | 11 GOODWIN DRIVE | RIVER BEND DEVELOPMENT CT LLC | 204 WEST NEWBERRY RD, BLOOMFIELD, CT 06002 |
| 24-133-111 | 111 GOODWIN DRIVE | TRADER JOES EAST INC | 800 S SHAMROCK AVE, MONROVIA, CA 90106 |
| 24-133-200 | 200 OLD IRON ORE ROAD | DEKA IMMOBILIEN INVESTMENT GMBH C/O CBRE | 185 ASYLUM ST 31ST FLR, HARTFORD, CT 06103 |

PROPERTY OWNERS WITHIN 100' - BLOOMFIELD

| ID | PROPERTY LOCATION | PROPERTY OWNER | PROPERTY OWNER ADDRESS |
|-------|------------------------|--------------------------|---|
| 11-3 | 105 OLD POQUONOCK ROAD | 100 HARDING HOLDINGS LLC | PO BOX 96, BERLIN, CT 06037 |
| 11-6 | 301 MUSTAD DRIVE | BLOOMFIELD TOWN OF | 800 BLOOMFIELD AVE, BLOOMFIELD, CT 06002 |
| 11-15 | 200 PHOENIX CROSSING | TRADER JOES EAST INC | PO BOX 5049, MONROVIA, CA 91017 |
| 11-16 | 151 PHOENIX CROSSING | DMW BLOOMFIELD LLC | 643 MANLEY STREET, WEST BRIDGEWATER, MA 02379 |



MAP REFERENCE: USGS HARTFORD NORTH & WINDSOR LOCKS QUADRANGLE MAP, 2021 (7.5-MINUTE SERIES)

LOCATION MAP

SCALE: 1" = 1000'

LAND SURVEYOR, CIVIL & TRAFFIC ENGINEER, & LANDSCAPE ARCHITECT
LANGAN ENGINEERING & ENVIRONMENTAL SERVICES, INC
 C/O: DAVID GAGNON
 555 LONG WHARF DRIVE
 NEW HAVEN, CT 06511
 PHONE: (203) 562-5771

SOIL SCIENTIST
ALL-POINTS TECHNOLOGY CORPORATION
 C/O: DEAN GUSTAFSON
 567 VAUXHALL STREET
 EXTENSION, SUITE 311
 WATERFORD, CT 06385
 PHONE: (860) 552-2033

ARCHITECT
BERGMEYER ASSOCIATES INC.
 C/O JASON COHEN
 51 SLEEPER STREET
 BOSTON, MA 02210-1208

BINDERHOLZ
 C/O ANNA REISECKER
 ZILLERTAL STRABE 39-A
 6263 FUGEN AUSTRIA

MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
ARUP
 C/O MATT LARSON
 77 WATER STREET
 NEW YORK, NY 10005

BUILDER
WINDOVER CONSTRUCTION, INC.
 C/O STUART MEURER
 66 CHERRY HILL DRIVE
 BEVERLY, MA 01915

DEVELOPER
BLUEPRINT ROBOTICS
 C/O MARTIN LETTENMEIER
 1500 BROENING HWY
 BALTIMORE, MD 21224

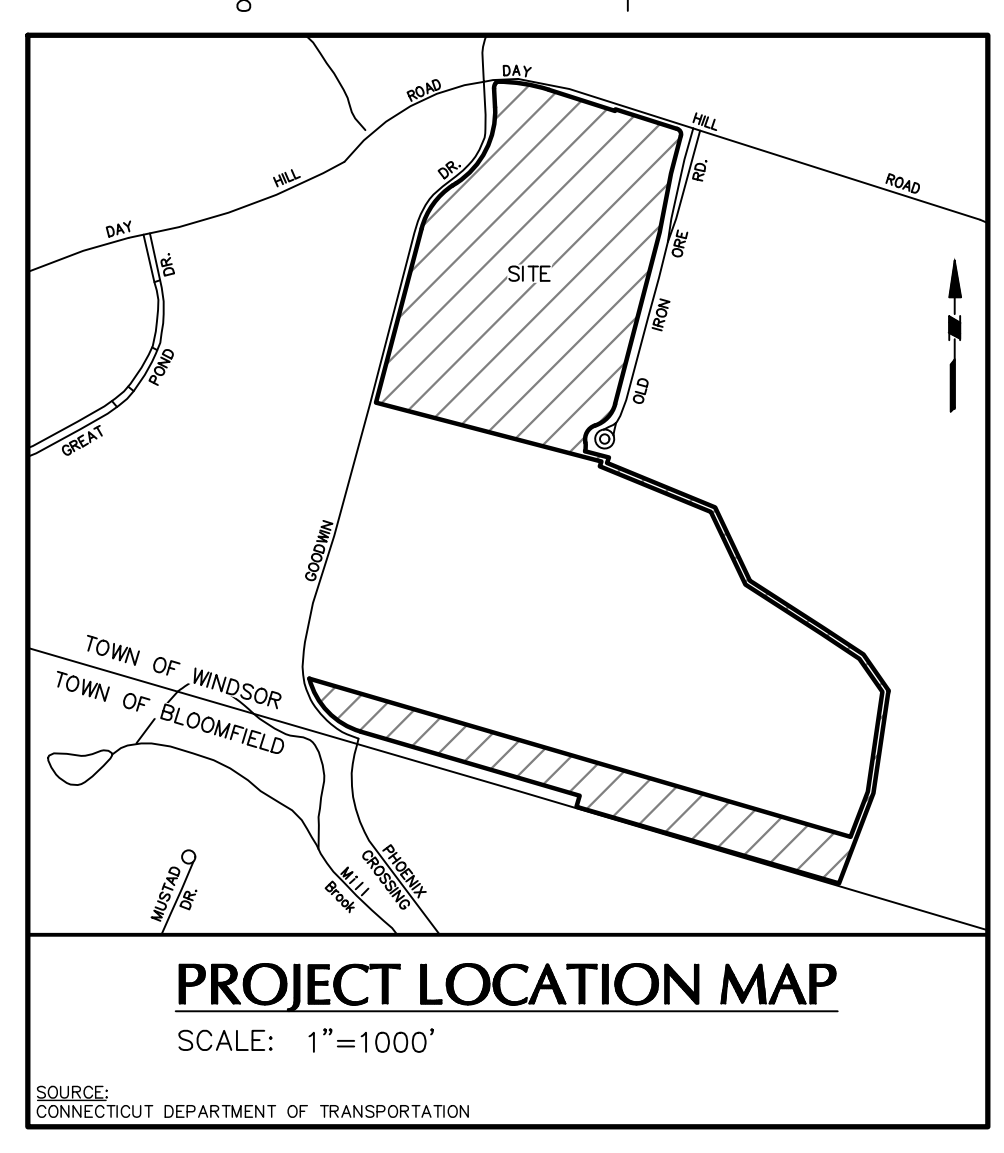
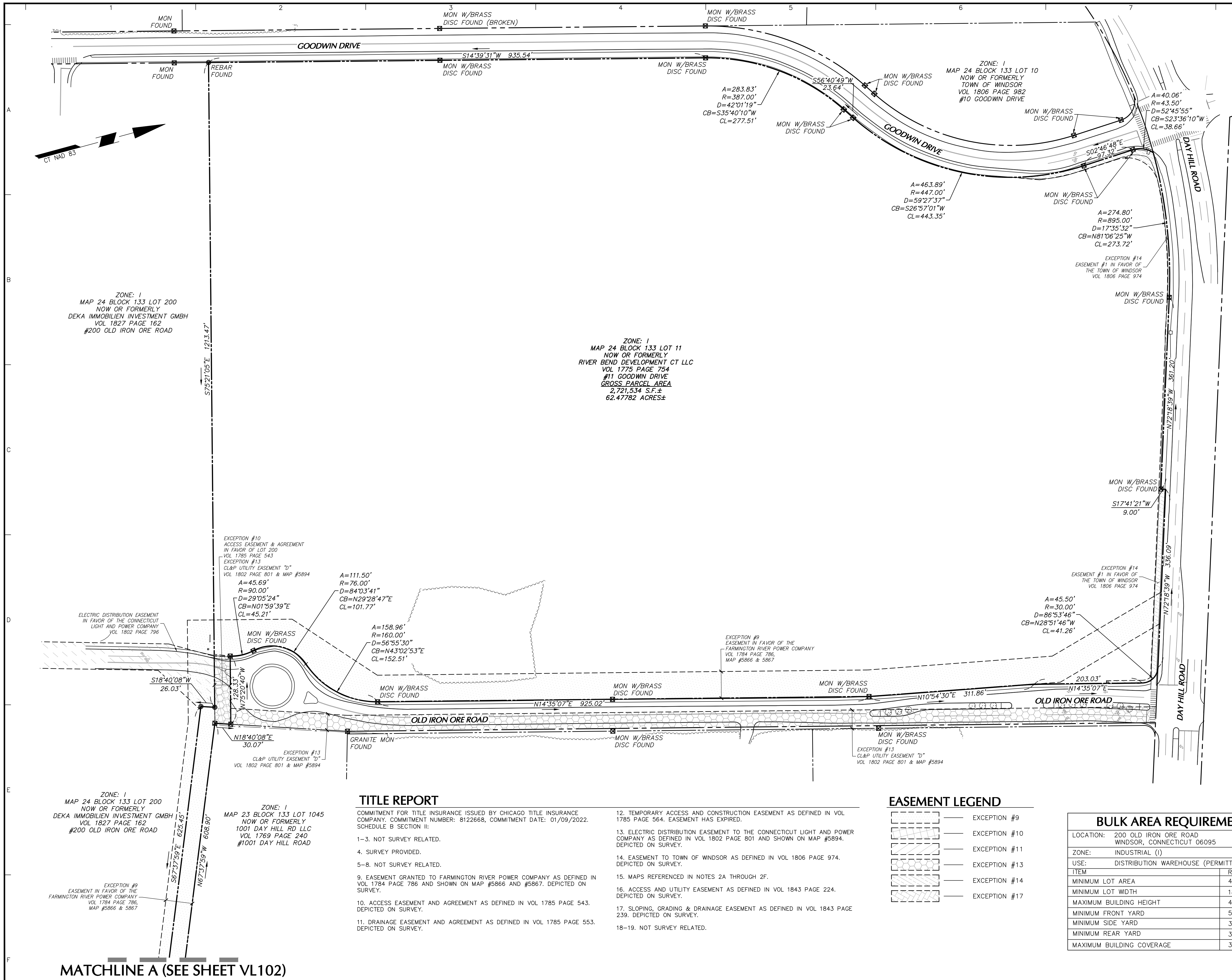
SUSTAINABILITY CONSULTANT
AUROS GROUP
 C/O CRAIG STEVENSON
 243 EAST MAIN STREET
 CARNEGIE, PA 15106

LAND USE ATTORNEY
ROBINSON & COLE LLP
 C/O: THOMAS CODY
 280 TRUMBULL STREET
 HARTFORD, CT 06103
 PHONE: (860) 275-8264

| RELEASE DATES | |
|---------------|--|
| DATE | ISSUED FOR |
| 04/13/2023 | SITE PLAN AND SPECIAL USE PERMIT APPLICATION |
| | |
| | |
| | |
| | |

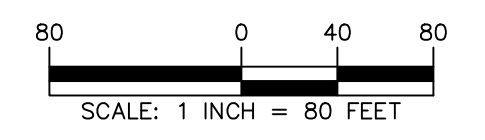
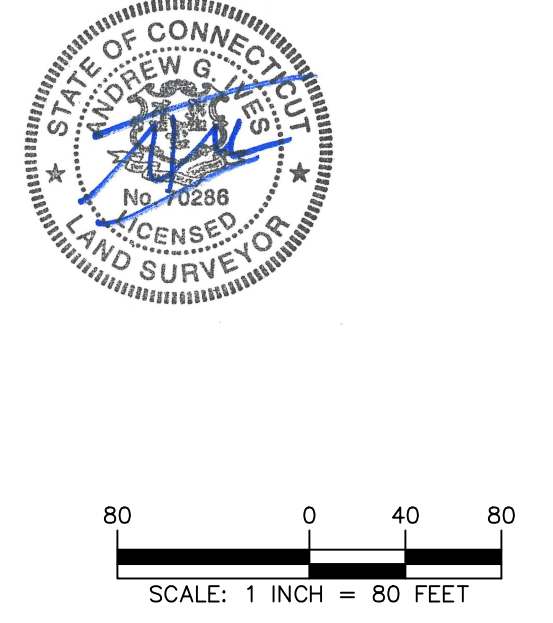
FOR PERMITTING ONLY, NOT FOR CONSTRUCTION

LANGAN



THIS IS TO CERTIFY TO
 THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 5, 6(o), 8, 11(o), 13, 14, 16, 17, 18, AND 19 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON OCTOBER 13, 2022.
 DATE OF MAP: NOVEMBER 3, 2022

AG 11/3/2022
 ANDREW G. IVES, P.L.S. #70286 DATE



| Date | Description | No. |
|--|-------------|-----|
| REVISIONS | | |
| LANGAN | | |
| Langan CT, Inc. 555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142 www.langan.com | | |

| | |
|------------------------------------|--------------|
| 11 GOODWIN DRIVE | |
| WINDSOR CONNECTICUT | |
| Drawing Title | |
| ALTA/NSPS LAND TITLE SURVEY | |
| Project No. | Drawing No. |
| 140258101 | VL101 |
| Date | |
| NOVEMBER 3, 2022 | |
| Drawn By | |
| JJS | |
| Checked By | |
| AGI | |

| BULK AREA REQUIREMENTS | |
|---------------------------|--|
| LOCATION: | 200 OLD IRON ORE ROAD WINDSOR, CONNECTICUT 06095 |
| ZONE: | INDUSTRIAL (I) |
| USE: | DISTRIBUTION WAREHOUSE (PERMITTED) |
| ITEM | REQUIREMENTS |
| MINIMUM LOT AREA | 4 ACRES |
| MINIMUM LOT WIDTH | 180' |
| MAXIMUM BUILDING HEIGHT | 4 STORIES |
| MINIMUM FRONT YARD | 50 FT |
| MINIMUM SIDE YARD | 35 FT |
| MINIMUM REAR YARD | 35 FT |
| MAXIMUM BUILDING COVERAGE | 33.3% |

| EASEMENT LEGEND | |
|-----------------|---------------|
| | EXCEPTION #9 |
| | EXCEPTION #10 |
| | EXCEPTION #11 |
| | EXCEPTION #13 |
| | EXCEPTION #14 |
| | EXCEPTION #17 |

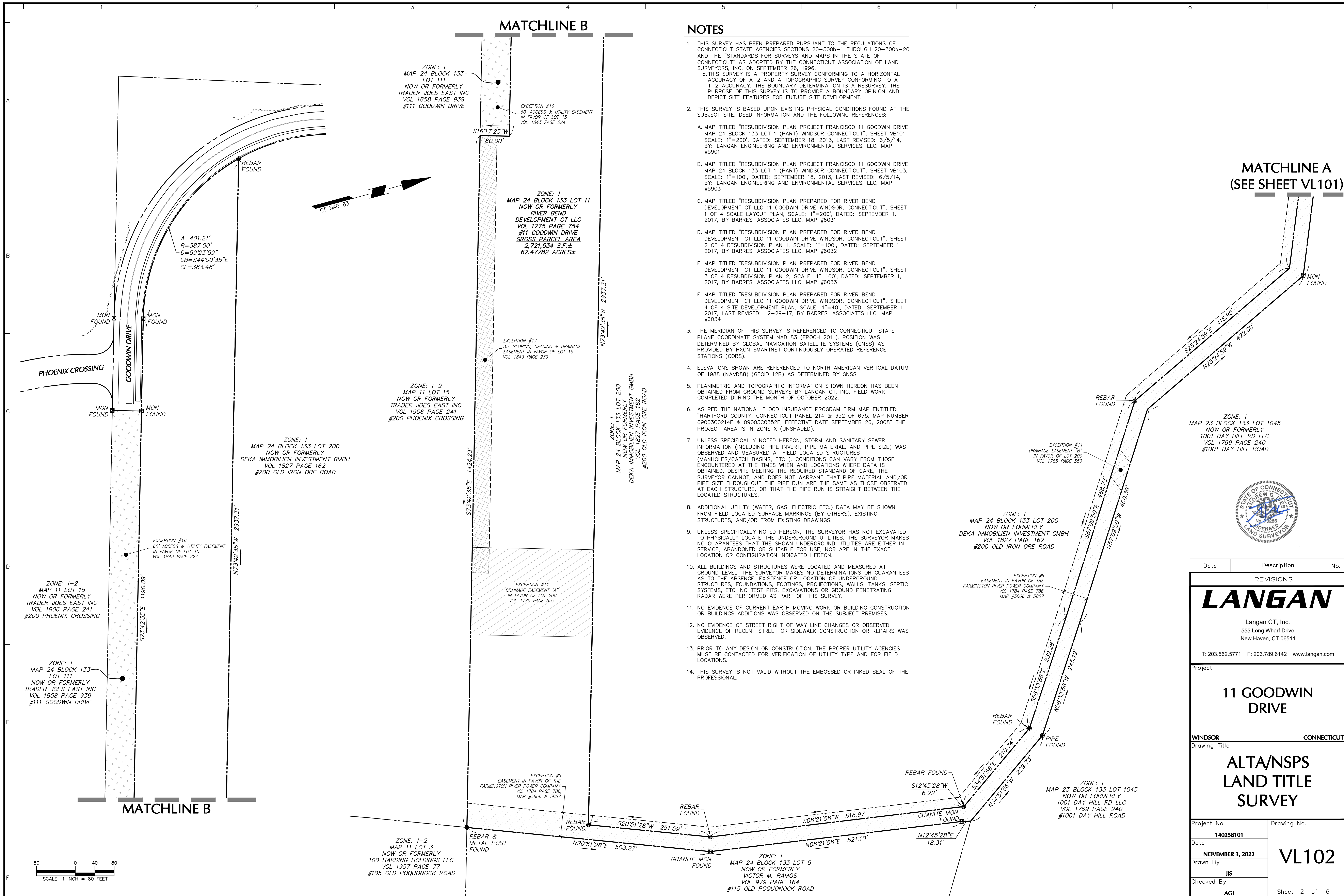
TITLE REPORT
 COMMITMENT FOR TITLE INSURANCE ISSUED BY CHICAGO TITLE INSURANCE COMPANY. COMMITMENT NUMBER: 8122668, COMMITMENT DATE: 01/09/2022. SCHEDULE B SECTION II:
 1-3. NOT SURVEY RELATED.
 4. SURVEY PROVIDED.
 5-8. NOT SURVEY RELATED.
 9. EASEMENT GRANTED TO FARMINGTON RIVER POWER COMPANY AS DEFINED IN VOL 1784 PAGE 786 AND SHOWN ON MAP #5866 AND #5867. DEPICTED ON SURVEY.
 10. ACCESS EASEMENT AND AGREEMENT AS DEFINED IN VOL 1785 PAGE 543. DEPICTED ON SURVEY.
 11. DRAINAGE EASEMENT AND AGREEMENT AS DEFINED IN VOL 1785 PAGE 553. DEPICTED ON SURVEY.

12. TEMPORARY ACCESS AND CONSTRUCTION EASEMENT AS DEFINED IN VOL 1785 PAGE 564. EASEMENT HAS EXPIRED.
 13. ELECTRIC DISTRIBUTION EASEMENT TO THE CONNECTICUT LIGHT AND POWER COMPANY AS DEFINED IN VOL 1802 PAGE 801 AND SHOWN ON MAP #5894. DEPICTED ON SURVEY.
 14. EASEMENT TO TOWN OF WINDSOR AS DEFINED IN VOL 1806 PAGE 974. DEPICTED ON SURVEY.
 15. MAPS REFERENCED IN NOTES 2A THROUGH 2F.
 16. ACCESS AND UTILITY EASEMENT AS DEFINED IN VOL 1843 PAGE 224. DEPICTED ON SURVEY.
 17. SLOPING, GRADING & DRAINAGE EASEMENT AS DEFINED IN VOL 1843 PAGE 239. DEPICTED ON SURVEY.
 18-19. NOT SURVEY RELATED.

ZONE: I
 MAP 24 BLOCK 133 LOT 200
 NOW OR FORMERLY
 DEKA IMMOBILIEN INVESTMENT GMBH
 VOL 1827 PAGE 162
 #200 OLD IRON ORE ROAD

ZONE: I
 MAP 24 BLOCK 133 LOT 11
 NOW OR FORMERLY
 RIVER BEND DEVELOPMENT CT LLC
 VOL 1775 PAGE 754
 #11 GOODWIN DRIVE
 GROSS PARCEL AREA
 2,721,534 S.F.±
 62.47782 ACRES±

MATCHLINE A (SEE SHEET VL102)



NOTES

- THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
 - THIS SURVEY IS A PROPERTY SURVEY CONFORMING TO A HORIZONTAL ACCURACY OF A-2 AND A TOPOGRAPHIC SURVEY CONFORMING TO A T-2 ACCURACY. THE BOUNDARY DETERMINATION IS A RESURVEY. THE PURPOSE OF THIS SURVEY IS TO PROVIDE A BOUNDARY OPINION AND DEPICT SITE FEATURES FOR FUTURE SITE DEVELOPMENT.
- THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, DEED INFORMATION AND THE FOLLOWING REFERENCES:
 - MAP TITLED "RESUBDIVISION PLAN PROJECT FRANCISCO 11 GOODWIN DRIVE MAP 24 BLOCK 133 LOT 1 (PART) WINDSOR CONNECTICUT", SHEET VB101, SCALE: 1"=200', DATED: SEPTEMBER 18, 2013, LAST REVISED: 6/5/14, BY: LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, LLC, MAP #5901
 - MAP TITLED "RESUBDIVISION PLAN PROJECT FRANCISCO 11 GOODWIN DRIVE MAP 24 BLOCK 133 LOT 1 (PART) WINDSOR CONNECTICUT", SHEET VB103, SCALE: 1"=100', DATED: SEPTEMBER 18, 2013, LAST REVISED: 6/5/14, BY: LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, LLC, MAP #5903
 - MAP TITLED "RESUBDIVISION PLAN PREPARED FOR RIVER BEND DEVELOPMENT CT LLC 11 GOODWIN DRIVE WINDSOR, CONNECTICUT", SHEET 1 OF 4 SCALE LAYOUT PLAN, SCALE: 1"=200', DATED: SEPTEMBER 1, 2017, BY BARRESI ASSOCIATES LLC, MAP #6031
 - MAP TITLED "RESUBDIVISION PLAN PREPARED FOR RIVER BEND DEVELOPMENT CT LLC 11 GOODWIN DRIVE WINDSOR, CONNECTICUT", SHEET 2 OF 4 RESUBDIVISION PLAN 1, SCALE: 1"=100', DATED: SEPTEMBER 1, 2017, BY BARRESI ASSOCIATES LLC, MAP #6032
 - MAP TITLED "RESUBDIVISION PLAN PREPARED FOR RIVER BEND DEVELOPMENT CT LLC 11 GOODWIN DRIVE WINDSOR, CONNECTICUT", SHEET 3 OF 4 RESUBDIVISION PLAN 2, SCALE: 1"=100', DATED: SEPTEMBER 1, 2017, BY BARRESI ASSOCIATES LLC, MAP #6033
 - MAP TITLED "RESUBDIVISION PLAN PREPARED FOR RIVER BEND DEVELOPMENT CT LLC 11 GOODWIN DRIVE WINDSOR, CONNECTICUT", SHEET 4 OF 4 SITE DEVELOPMENT PLAN, SCALE: 1"=40', DATED: SEPTEMBER 1, 2017, LAST REVISED: 12-29-17, BY BARRESI ASSOCIATES LLC, MAP #6034
- THE MERIDIAN OF THIS SURVEY IS REFERENCED TO CONNECTICUT STATE PLANE COORDINATE SYSTEM NAD 83 (EPOCH 2011). POSITION WAS DETERMINED BY GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS) AS PROVIDED BY HXGN SMARTNET CONTINUOUSLY OPERATED REFERENCE STATIONS (CORS).
- ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) (GEOID 12B) AS DETERMINED BY GNSS
- PLANIMETRIC AND TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN CT, INC. FIELD WORK COMPLETED DURING THE MONTH OF OCTOBER 2022.
- AS PER THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP ENTITLED "HARTFORD COUNTY, CONNECTICUT PANEL 214 & 352 OF 675, MAP NUMBER 09003C0214F & 09003C0352F, EFFECTIVE DATE SEPTEMBER 26, 2008" THE PROJECT AREA IS IN ZONE X (UNSHADED).
- UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC.). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND LOCATIONS WHERE DATA IS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE, THE SURVEYOR CANNOT, AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES.
- ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.
- UNLESS SPECIFICALLY NOTED HEREON, THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.
- ALL BUILDINGS AND STRUCTURES WERE LOCATED AND MEASURED AT GROUND LEVEL. THE SURVEYOR MAKES NO DETERMINATIONS OR GUARANTEES AS TO THE ABSENCE, EXISTENCE OR LOCATION OF UNDERGROUND STRUCTURES, FOUNDATIONS, FOOTINGS, PROJECTIONS, WALLS, TANKS, SEPTIC SYSTEMS, ETC. NO TEST PITS, EXCAVATIONS OR GROUND PENETRATING RADAR WERE PERFORMED AS PART OF THIS SURVEY.
- NO EVIDENCE OF CURRENT EARTH MOVING WORK OR BUILDING CONSTRUCTION OR BUILDINGS ADDITIONS WAS OBSERVED ON THE SUBJECT PREMISES.
- NO EVIDENCE OF STREET RIGHT OF WAY LINE CHANGES OR OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS WAS OBSERVED.
- PRIOR TO ANY DESIGN OR CONSTRUCTION, THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.
- THIS SURVEY IS NOT VALID WITHOUT THE EMBOSSED OR INKED SEAL OF THE PROFESSIONAL.

**MATCHLINE A
(SEE SHEET VL101)**

ZONE: 1
MAP 23 BLOCK 133 LOT 1045
NOW OR FORMERLY
1001 DAY HILL RD LLC
VOL 1769 PAGE 240
#1001 DAY HILL ROAD

ZONE: 1
MAP 24 BLOCK 133 LOT 200
NOW OR FORMERLY
DEKA IMMOBILIEN INVESTMENT GMBH
VOL 1827 PAGE 162
#200 OLD IRON ORE ROAD

EXCEPTION #9
EASEMENT IN FAVOR OF THE
FARMINGTON RIVER POWER COMPANY
VOL 1784 PAGE 786,
MAP #5866 & 5867

ZONE: 1
MAP 23 BLOCK 133 LOT 1045
NOW OR FORMERLY
1001 DAY HILL RD LLC
VOL 1769 PAGE 240
#1001 DAY HILL ROAD

| Date | Description | No. |
|--|------------------|-----|
| REVISIONS | | |
| LANGAN | | |
| Langan CT, Inc. 555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142 www.langan.com | | |
| Project | | |
| 11 GOODWIN DRIVE | | |
| WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| ALTANS/NSPS LAND TITLE SURVEY | | |
| Project No. | Drawing No. | |
| 140258101 | VL102 | |
| Date | November 3, 2022 | |
| Drawn By | JJS | |
| Checked By | AGI | |
| Sheet 2 of 6 | | |

PROJECT NO. 140258101

DATE PLOTTED

SURVEYED DESCRIPTION

BEGINNING AT A POINT IN THE SOUTHERLY SIDE OF DAY HILL ROAD, SAID POINT BEING THE NORTHWEST CORNER OF HEREIN DESCRIBED PARCEL AND THE INTERSECTION OF THE EASTERLY SIDE OF THE GOODWIN DRIVE AND THE SOUTHERLY SIDE OF SAID DAY HILL ROAD;

THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 40.06', A RADIUS OF 43.50', AN INCLUDED ANGLE OF 52° 45' 55", AND A CHORD OF 38.66' S 23° 36' 10" W TO A POINT OF TANGENCY;

THENCE S 02° 46' 48" E ALONG SAID EASTERLY SIDE OF GOODWIN DRIVE A DISTANCE OF 97.32' TO A POINT OF CURVATURE;

THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE RIGHT, WITH AN ARC LENGTH OF 463.89', A RADIUS OF 447.00', AN INCLUDED ANGLE OF 59° 27' 37", AND A CHORD OF 443.35' S 26° 57' 01" W TO A POINT OF TANGENCY;

THENCE S 56° 40' 49" W ALONG SAID EASTERLY SIDE OF GOODWIN DRIVE A DISTANCE OF 23.64' TO A POINT OF CURVATURE;

THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 283.83', A RADIUS OF 387.00', AN INCLUDED ANGLE OF 42° 01' 19", AND A CHORD OF 277.51' S 35° 40' 10" W TO A POINT OF TANGENCY;

THENCE S 14° 39' 31" W ALONG SAID EASTERLY SIDE OF GOODWIN DRIVE A DISTANCE OF 935.54' TO THE NORTHWEST CORNER OF LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH;

THENCE S 75° 21' 05" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 1213.47' TO A POINT;

THENCE S 18° 40' 08" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 26.03' TO A POINT;

THENCE S 67° 37' 59" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 625.45' TO A POINT;

THENCE S 25° 24' 59" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 418.95' TO A POINT;

THENCE S 57° 09' 50" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 468.73' TO A POINT;

THENCE S 56° 33' 56" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 239.28' TO A POINT;

THENCE S 34° 51' 56" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 210.74' TO A POINT;

THENCE S 12° 45' 28" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 6.22' TO A POINT;

THENCE S 08° 21' 58" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 518.97' TO A POINT;

THENCE S 20° 51' 28" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 251.59' TO A POINT;

THENCE N 73° 42' 35" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 2937.31' TO A POINT;

THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 401.21', A RADIUS OF 387.00', AN INCLUDED ANGLE OF 59° 23' 59" AND A CHORD OF 383.48' S 44° 00' 35" E TO A POINT OF TANGENCY;

THENCE S 73° 42' 35" E IN PART ALONG THE NORTHERLY SIDE OF GOODWIN DRIVE AND IN PART BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF TRADER JOES EAST INC A DISTANCE OF 1190.09' TO A POINT;

THENCE S 16° 17' 25" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF TRADER JOES EAST INC A DISTANCE OF 60.00' TO A POINT;

THENCE S 73° 42' 35" E ALONG THE WINDSOR AND BLOOMFIELD TOWN LINE ALSO BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF TRADER JOES EAST INC A DISTANCE OF 1424.23' TO A POINT;

THENCE N 20° 51' 28" E BOUNDED EASTERLY BY LAND NOW OR FORMERLY OF VICTOR A. RAMOS A DISTANCE OF 503.27' TO A GRANITE MONUMENT FOUND;

THENCE N 08° 21' 58" E BOUNDED EASTERLY BY LAND NOW OR FORMERLY OF VICTOR A. RAMOS A DISTANCE OF 521.10' TO A GRANITE MONUMENT FOUND;

THENCE N 12° 45' 28" E BOUNDED EASTERLY BY LAND NOW OR FORMERLY OF VICTOR A. RAMOS A DISTANCE OF 18.31' TO A POINT;

THENCE N 34° 51' 56" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 229.73' TO A PIPE FOUND;

THENCE N 56° 33' 56" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 245.19' TO A POINT;

THENCE N 57° 09' 50" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 460.36' TO A POINT;

THENCE N 25° 24' 59" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 422.00' TO A POINT;

THENCE N 67° 37' 59" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 608.90' TO A CONCRETE MONUMENT FOUND;

THENCE N 18° 40' 08" E BOUNDED EASTERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 30.07' TO A POINT IN THE SOUTHERLY SIDE OF OLD IRON ORE ROAD;

THENCE N 75° 20' 40" W ALONG THE SOUTHERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 128.33' TO A POINT;

THENCE ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 45.69', A RADIUS OF 90.00', AN INCLUDED ANGLE OF 29° 05' 24", AND A CHORD OF 45.21' N 01° 59' 39" E TO A POINT OF REVERSE CURVATURE;

THENCE ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD, CURVING TO THE RIGHT, WITH AN ARC LENGTH OF 111.50', A RADIUS OF 76.00', AN INCLUDED ANGLE OF 84° 03' 41", AND A CHORD OF 101.77' N 29° 28' 47" E TO A POINT OF REVERSE CURVATURE;

THENCE ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 158.96', A RADIUS OF 160.00', AN INCLUDED ANGLE OF 56° 55' 30", AND A CHORD OF 152.51' N 43° 02' 53" E TO A POINT OF TANGENCY;

THENCE N 14° 35' 07" E ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 925.02' TO A POINT;

THENCE N 10° 54' 30" E ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 311.86' TO A POINT;

THENCE N 14° 35' 07" E ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 203.03' TO A POINT OF CURVATURE;

THENCE ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 45.50', A RADIUS OF 30.00', AN INCLUDED ANGLE OF 88° 53' 46", AND A CHORD OF 41.26' N 28° 51' 46" W TO A POINT OF TANGENCY IN THE SOUTHERLY SIDE OF DAY HILL RD.;

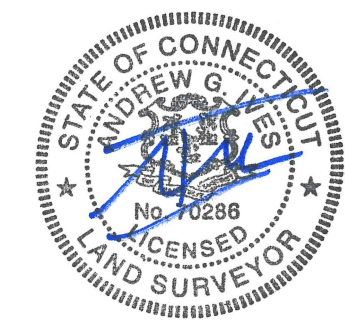
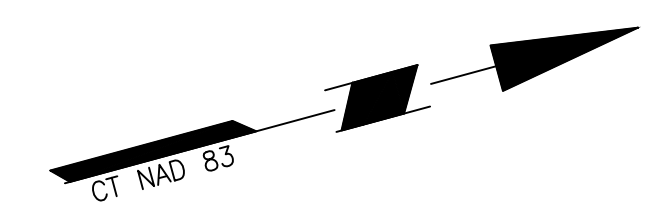
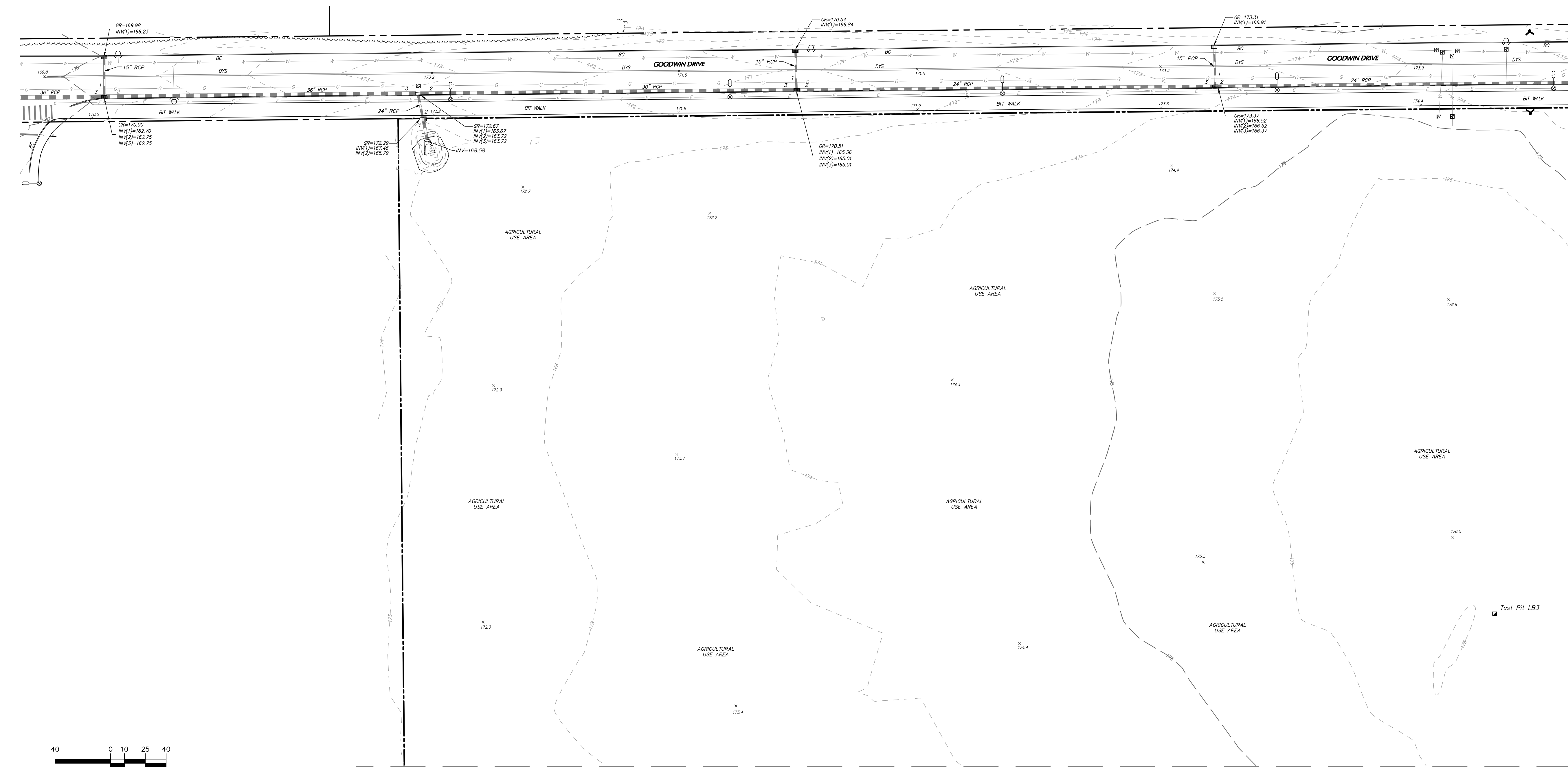
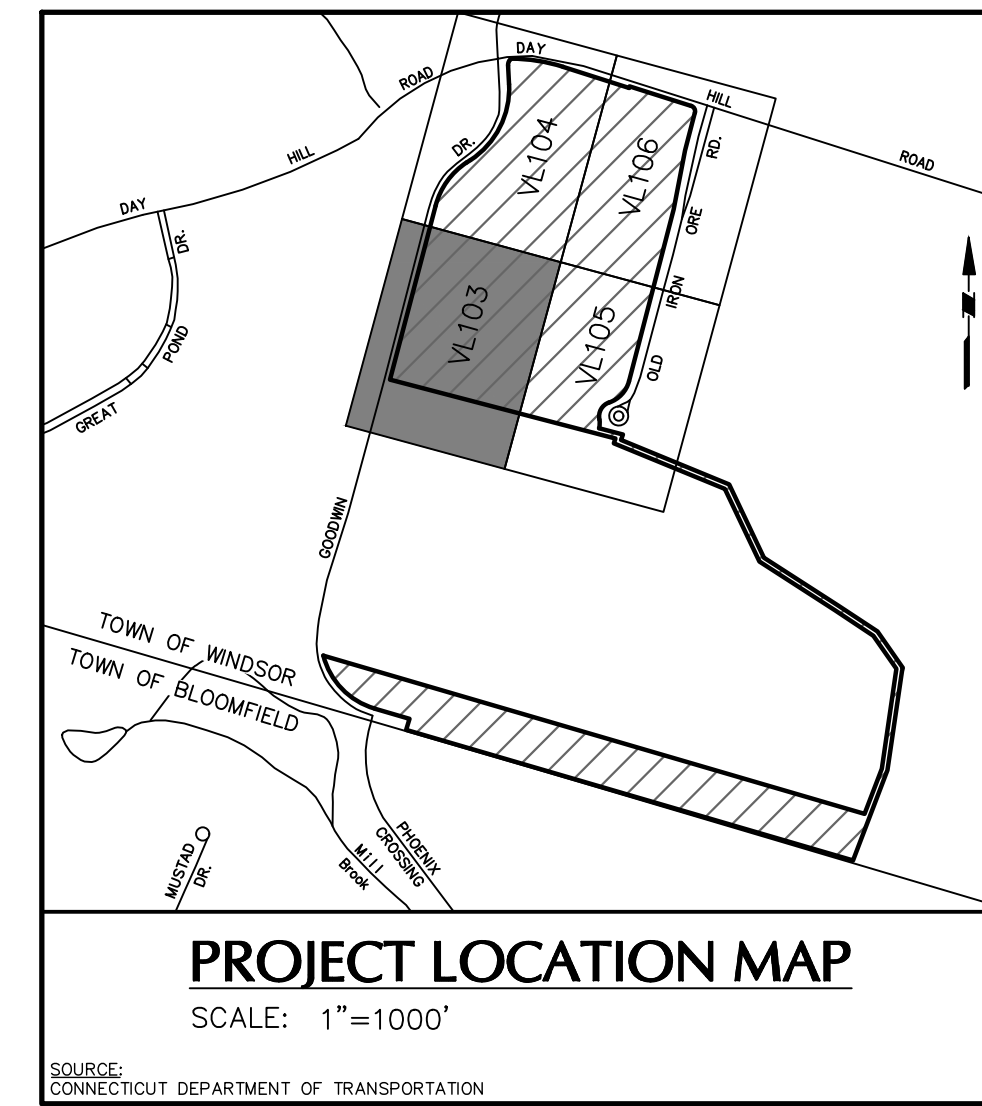
THENCE N 72° 18' 39" W ALONG THE SOUTHERLY SIDE OF SAID DAY HILL ROAD A DISTANCE OF 336.09' TO A POINT;

THENCE S 17° 41' 21" W ALONG THE SOUTHERLY SIDE OF SAID DAY HILL ROAD A DISTANCE OF 9.00' TO A CONCRETE MONUMENT FOUND;

THENCE N 72° 18' 39" W ALONG THE SOUTHERLY SIDE OF SAID DAY HILL ROAD A DISTANCE OF 361.20' TO A CONCRETE MONUMENT FOUND;

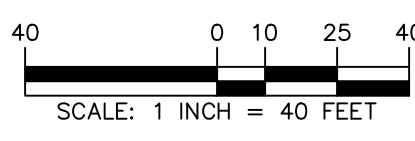
THENCE ALONG THE SOUTHERLY SIDE OF SAID DAY HILL ROAD, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 274.80', A RADIUS OF 895.00', AN INCLUDED ANGLE OF 17° 35' 32", AND A CHORD OF 273.72' N 81° 06' 25" W TO THE POINT OF BEGINNING.

CONTAINING APPROXIMATELY 2,721,534 SQUARE FEET (62.47782 ACRES)



MATCHLINE 1 (SEE SHEET VL104)

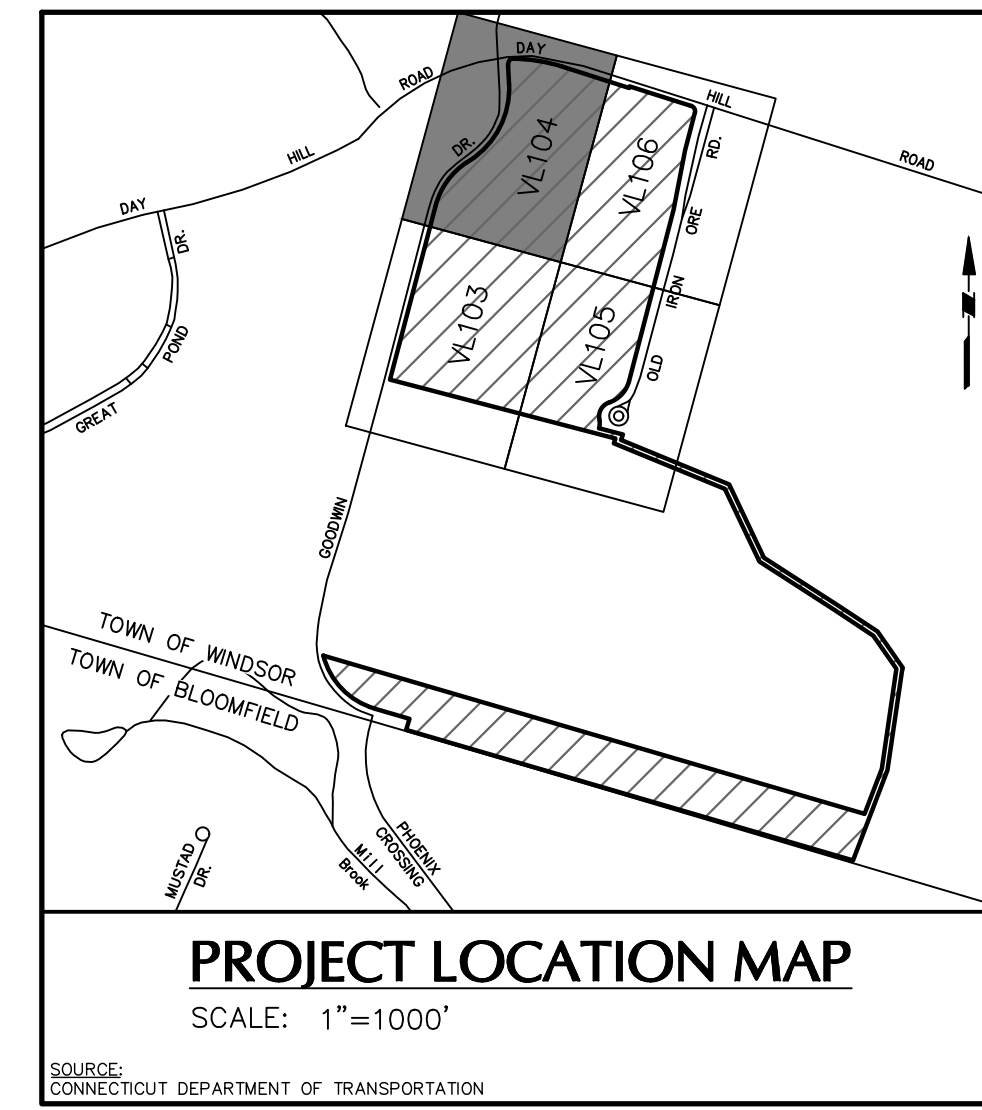
MATCHLINE C (SEE SHEET VL105)



| Date | Description | No. |
|--|-----------------------------|-----|
| REVISIONS | | |
| LANGAN | | |
| Langan CT, Inc. 555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142 www.langan.com | | |
| Project 11 GOODWIN DRIVE | | |
| WINDSOR CONNECTICUT Drawing Title ALTANS/NSPS LAND TITLE SURVEY | | |
| Project No. 140258101 | Drawing No. VL103 | |
| Date NOVEMBER 3, 2022 | Sheet 3 of 6 | |
| Drawn By JJS | | |
| Checked By ACI | | |

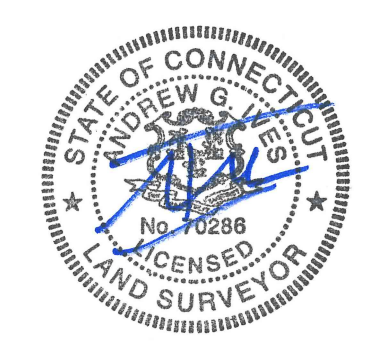
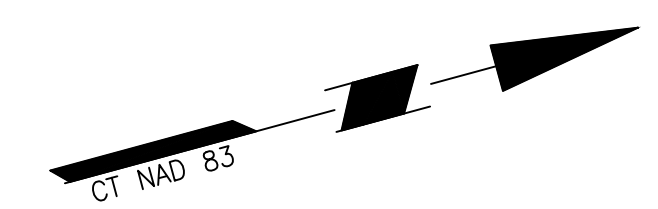
LEGEND (NOT SHOWN TO SCALE)

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> — AIR CONDITIONING UNIT — BOLLARD — BORING HOLE — COLUMN — DOOR — DOUBLE DOOR — FLAG POLE — MAILBOX — MONITORING WELL — PARKING METER — SIGN — SHRUB — TEST PIT — TREE — WETLAND FLAG — GROUND LIGHT — CABLE BOX HAND HOLE — CATCH BASIN — CLEANOUT — ELECTRIC BOX — ELECTRIC METER — FILLER VALVE — FIRE HYDRANT — FLARED END SECTION — COMMUNICATION BOX — FUEL PUMP — GAS METER — GAS VALVE — GUY POLE — GUY WIRE — HAND HOLE | <ul style="list-style-type: none"> * — LIGHT POLE ⊙ — MANHOLE (TYPE AS LABELED) ⊙ — POST INDICATOR VALVE ⊙ — POWER POLE ⊙ — ROOF DRAIN ⊙ — STANDPIPE ⊙ — TELEPHONE BOOTH ⊙ — TRAFFIC SIGNAL BOX ⊙ — PEDESTRIAN PUSH BUTTON ⊙ — TRAFFIC SIGNAL ⊙ — TRAFFIC SIGNAL ARM ⊙ — TRAFFIC SIGNAL POLE ⊙ — UNDERGROUND VAULT ⊙ — VALVE UNKNOWN ⊙ — WATER METER ⊙ — WATER VALVE ⊙ — SPOT ELEVATION BIT — BITUMINOUS CONC — CONCRETE CP — CONCRETE PAD LSA — LANDSCAPED AREA BOH — BUILDING OVERHANG BW — BOTTOM OF WALL EP — EDGE OF PAVEMENT EG — EDGE OF GRAVEL EW — EDGE OF WALK DW — DETECTABLE WARNING BC — BITUMINOUS CURB CC — CONCRETE CURB GC — GRANITE CURB SG — SLOPED GRANITE CURB | <ul style="list-style-type: none"> SWS — SINGLE WHITE STRIPE BWS — BROKEN WHITE STRIPE SYS — SINGLE YELLOW STRIPE DYS — DOUBLE YELLOW STRIPE — METAL GUARD RAIL — WOOD GUARD RAIL — STOCKADE FENCE — CHAINLINK FENCE — IRON FENCE — TREE LINE — OVERHEAD WIRE — WETLAND LINE — EASEMENT LINE — PROPERTY LINE — RIGHT-OF-WAY LINE — CONTOUR LINE FM — SANITARY FORCE MAIN CATV — CABLE TV MARK OUT LINE D — DRAINAGE MARK OUT LINE E — ELECTRIC MARK OUT LINE C — COMMUNICATION MARK OUT LINE G — GAS MARK OUT LINE S — SANITARY SEWER MARK OUT LINE W — WATER MARK OUT LINE ST — STEAM MARK OUT LINE UNK — UNKNOWN MARK OUT LINE R* — REFERENCE UTILITY LINE (TYPE AS NOTED) - PLOTTED FROM EXISTING MAPPING |
|--|--|---|

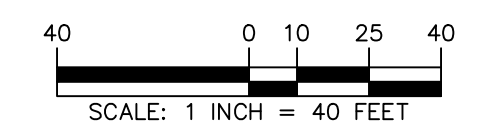


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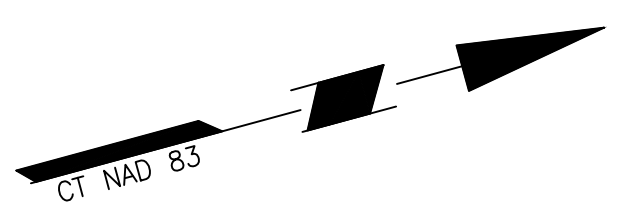
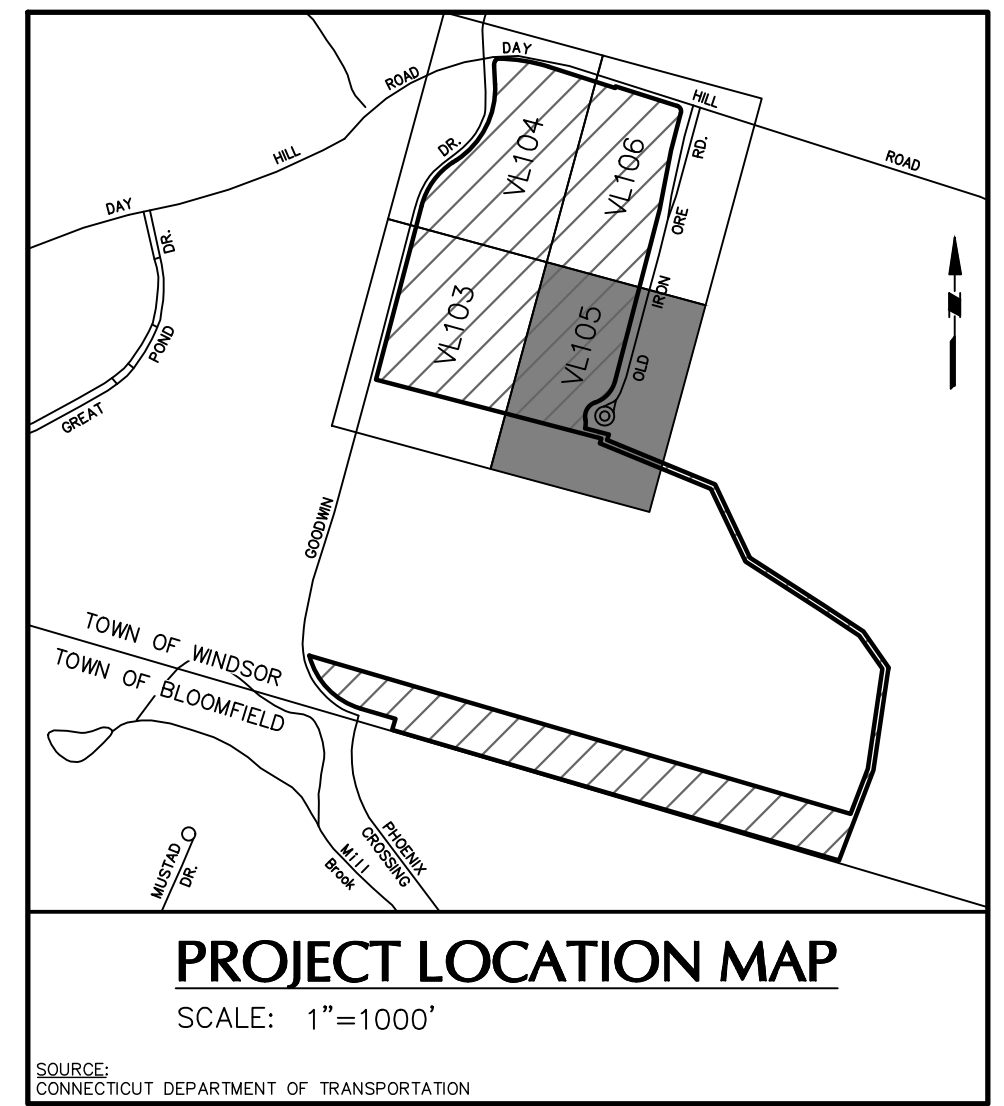
MATCHLINE D (SEE SHEET VL106)



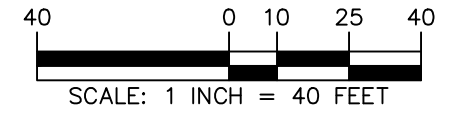
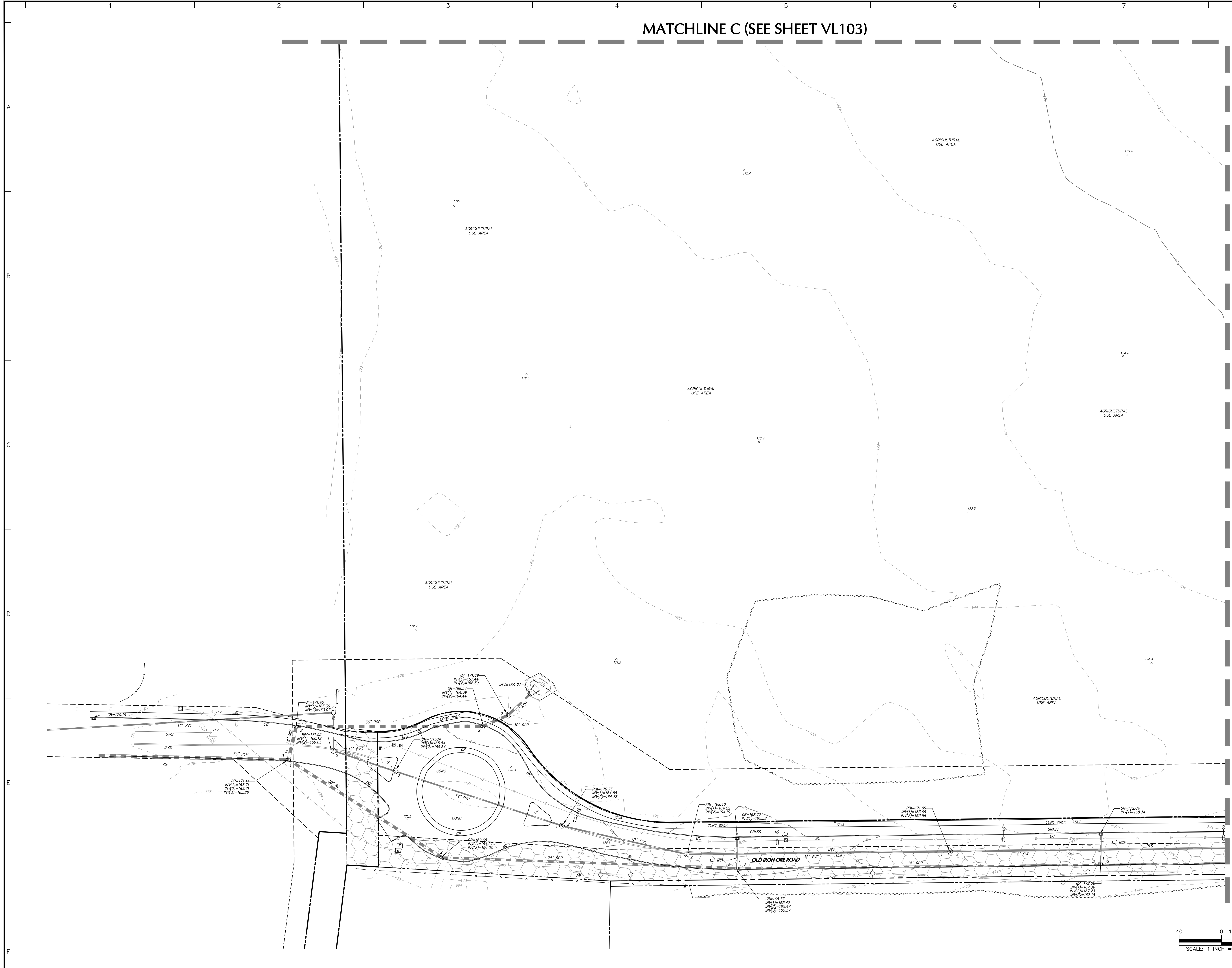
| Date | Description | No. |
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| LANGAN | | |
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| Project 11 GOODWIN DRIVE | | |
| WINDSOR CONNECTICUT Drawing Title ALT/NSPS LAND TITLE SURVEY | | |
| Project No. 140258101 | Drawing No. VL104 | |
| Date NOVEMBER 3, 2022 | Sheet 4 of 6 | |
| Drawn By JJS | | |
| Checked By AGI | | |



MATCHLINE C (SEE SHEET VL103)

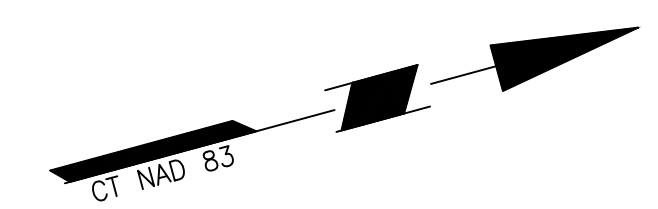
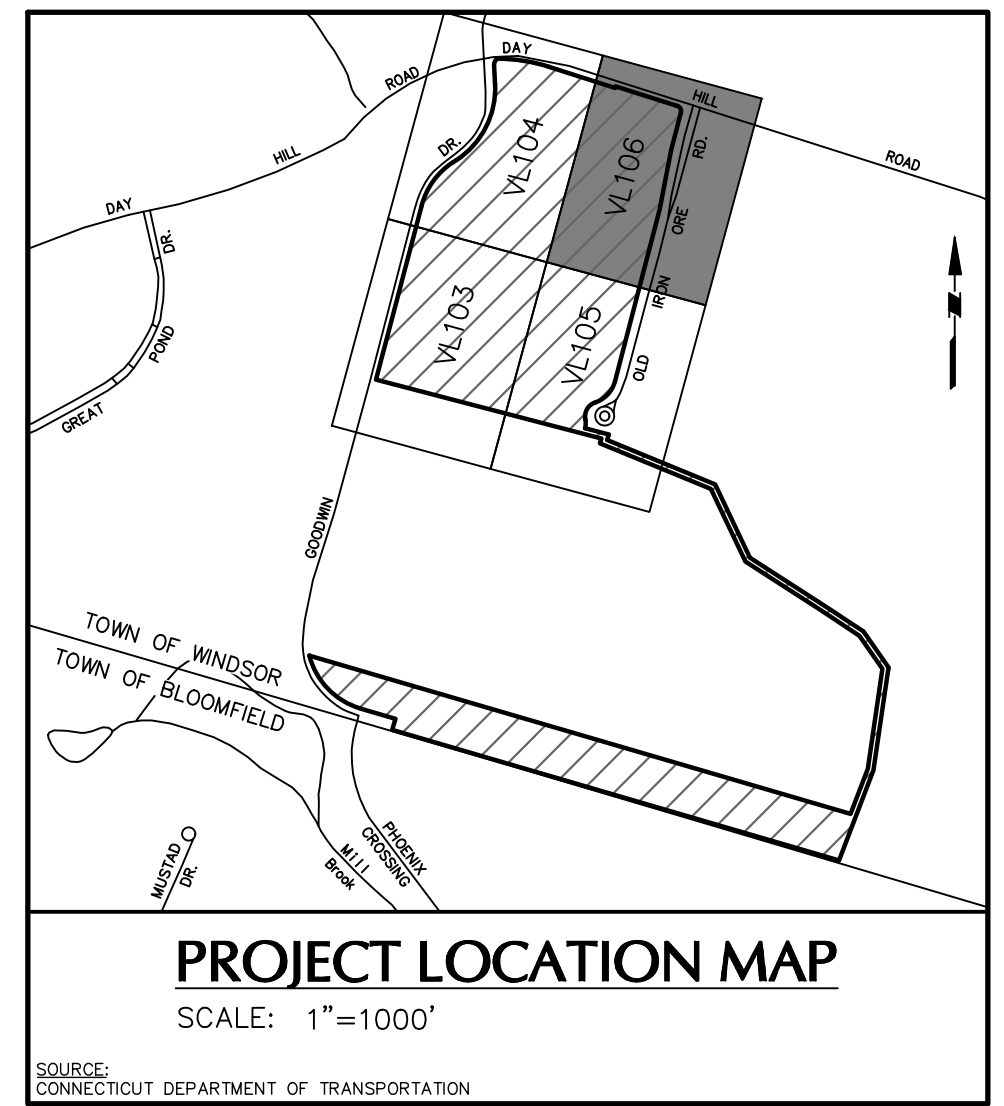


MATCHLINE 2 (SEE SHEET VL106)

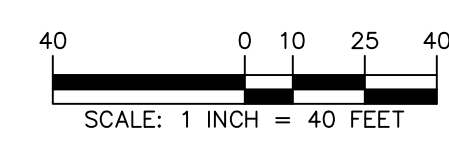
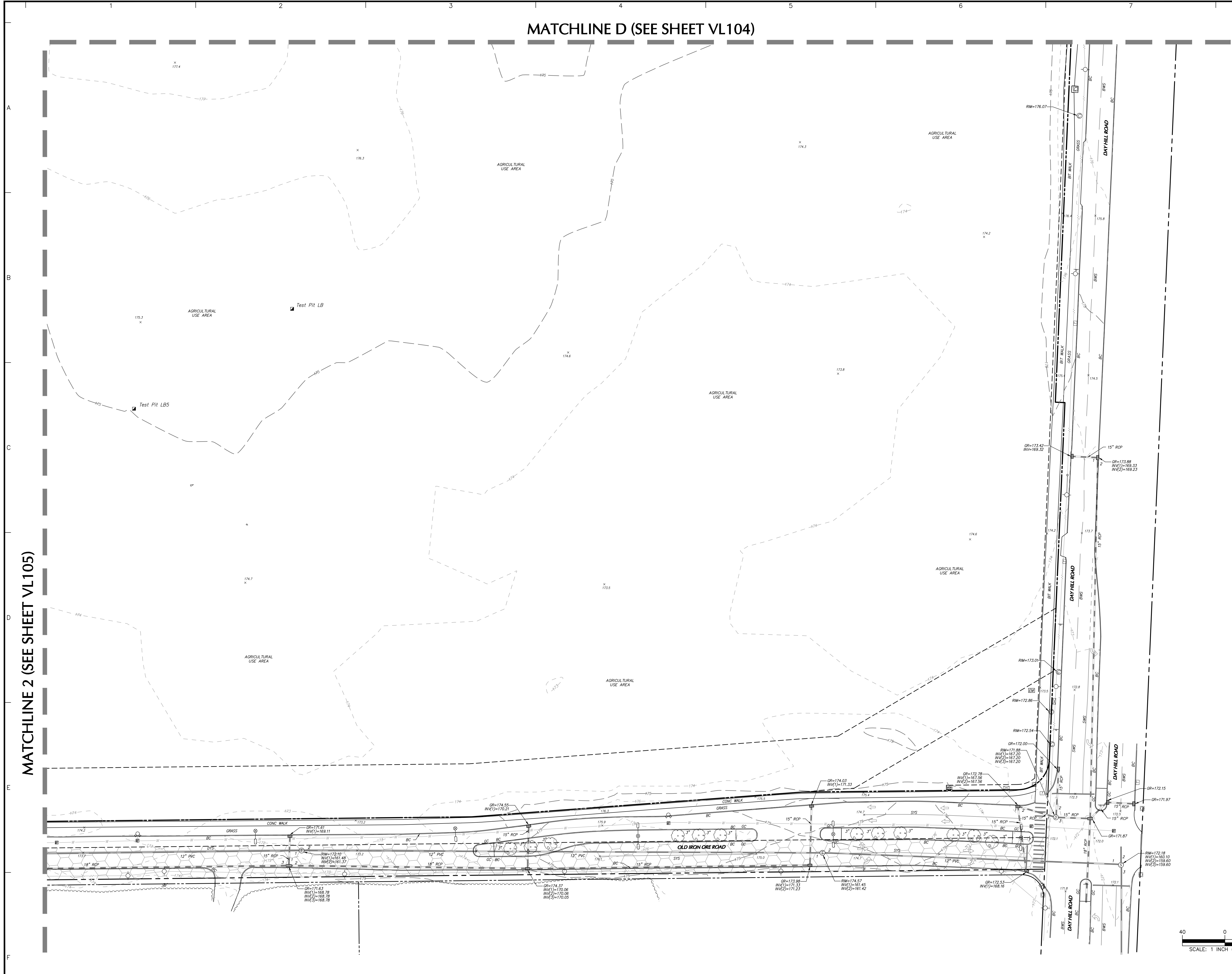


| Date | Description | No. |
|--|-----------------------------|-----|
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| Langan CT, Inc. 555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142 www.langan.com | | |
| Project 11 GOODWIN DRIVE | | |
| WINDSOR CONNECTICUT Drawing Title ALTA/NSPS LAND TITLE SURVEY | | |
| Project No. 140258101 | Drawing No. VL105 | |
| Date NOVEMBER 3, 2022 | Drawn By JJS | |
| Checked By AGI | Sheet 5 of 6 | |

MATCHLINE D (SEE SHEET VL104)

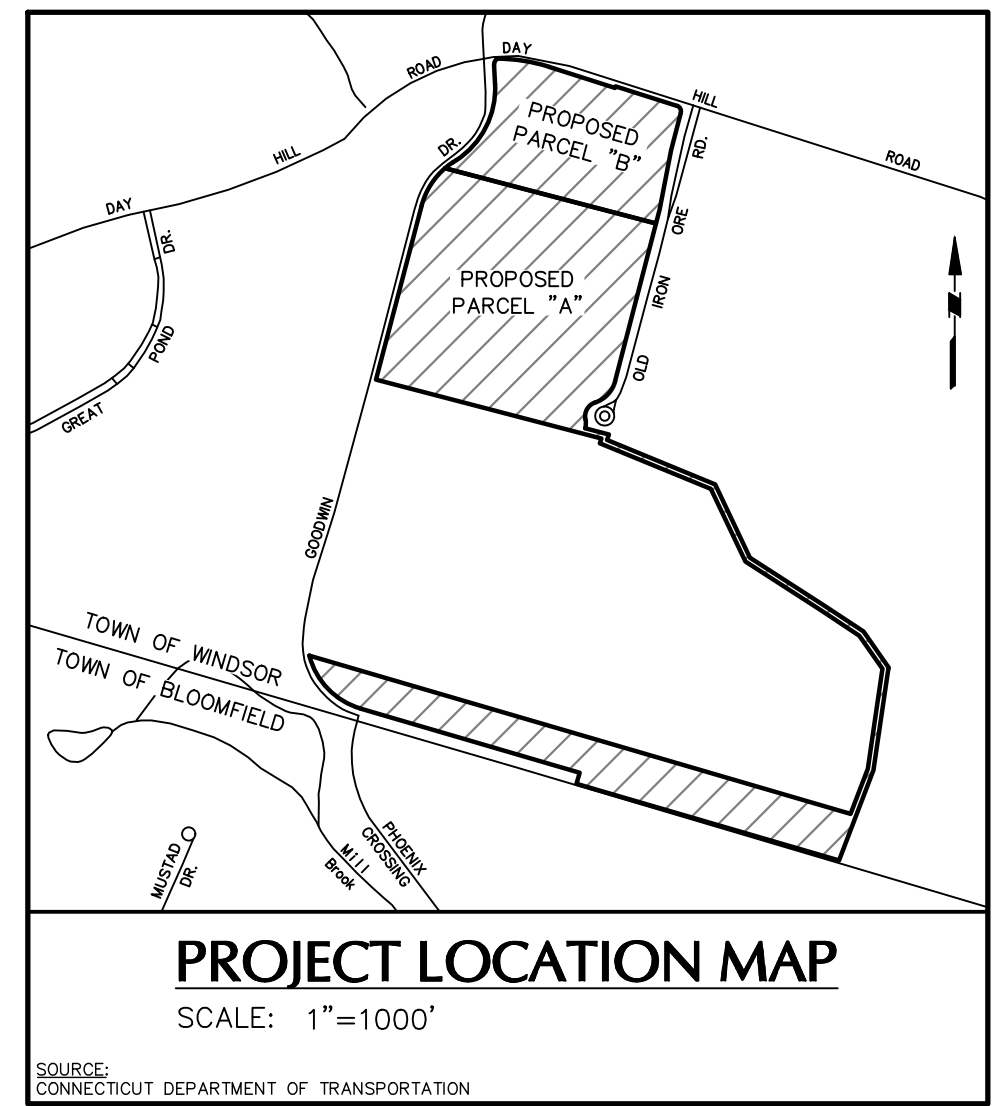
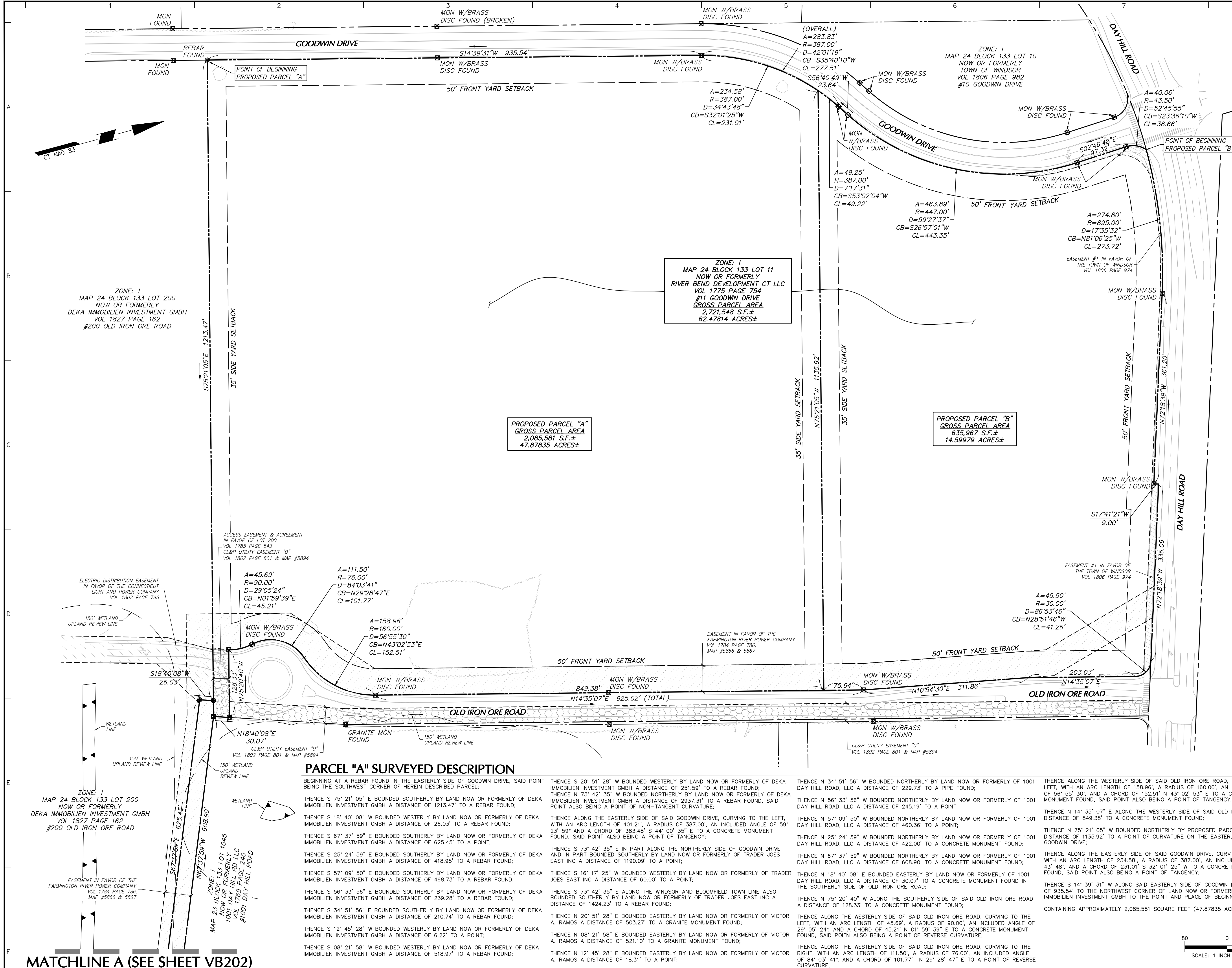


MATCHLINE 2 (SEE SHEET VL105)



| Date | Description | No. |
|--|------------------|--------------|
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| Project | | |
| 11 GOODWIN DRIVE | | |
| WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| ALTA/NSPS LAND TITLE SURVEY | | |
| Project No. | | Drawing No. |
| 140258101 | | VL106 |
| Date | NOVEMBER 3, 2022 | |
| Drawn By | JJS | |
| Checked By | AGI | Sheet 6 of 6 |

PROJECT NO. 140258101



"TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON."

Andrew G. Ives 2/21/2023
 ANDREW G. IVES DATE SIGNED
 PROFESSIONAL LAND SURVEYOR
 CT STATE LIC. NO. 70286



PROPOSED PARCEL "A"
 GROSS PARCEL AREA
 2,085,581 S.F. ±
 47.87835 ACRES ±

PROPOSED PARCEL "B"
 GROSS PARCEL AREA
 635,967 S.F. ±
 14.59979 ACRES ±

PARCEL "A" SURVEYED DESCRIPTION

BEGINNING AT A REBAR FOUND IN THE EASTERLY SIDE OF GOODWIN DRIVE, SAID POINT BEING THE SOUTHWEST CORNER OF HEREIN DESCRIBED PARCEL;

THENCE S 75° 21' 05" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 1213.47' TO A REBAR FOUND;

THENCE S 18° 40' 08" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 26.03' TO A REBAR FOUND;

THENCE S 67° 37' 59" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 625.45' TO A POINT;

THENCE S 25° 24' 59" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 418.95' TO A REBAR FOUND;

THENCE S 57° 09' 50" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 468.73' TO A REBAR FOUND;

THENCE S 56° 33' 56" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 239.28' TO A REBAR FOUND;

THENCE S 34° 51' 56" E BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 210.74' TO A REBAR FOUND;

THENCE S 12° 45' 28" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 6.22' TO A POINT;

THENCE S 08° 21' 58" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 518.97' TO A REBAR FOUND;

THENCE S 20° 51' 28" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 251.59' TO A REBAR FOUND;

THENCE N 73° 42' 35" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH A DISTANCE OF 293.73' TO A REBAR FOUND, SAID POINT ALSO BEING A POINT OF NON-TANGENT CURVATURE;

THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 401.21', A RADIUS OF 387.00', AN INCLUDED ANGLE OF 59° 23' 59" AND A CHORD OF 383.48' S 44° 00' 35" E TO A CONCRETE MONUMENT FOUND, SAID POINT ALSO BEING A POINT OF TANGENCY;

THENCE S 73° 42' 35" E IN PART ALONG THE NORTHERLY SIDE OF GOODWIN DRIVE AND IN PART BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF TRADER JOES EAST INC A DISTANCE OF 1190.09' TO A POINT;

THENCE S 16° 17' 25" W BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF TRADER JOES EAST INC A DISTANCE OF 60.00' TO A POINT;

THENCE S 73° 42' 35" E ALONG THE WINDSOR AND BLOOMFIELD TOWN LINE ALSO BOUNDED SOUTHERLY BY LAND NOW OR FORMERLY OF TRADER JOES EAST INC A DISTANCE OF 1424.23' TO A REBAR FOUND;

THENCE N 20° 51' 28" E BOUNDED EASTERLY BY LAND NOW OR FORMERLY OF VICTOR A. RAMOS A DISTANCE OF 503.27' TO A GRANITE MONUMENT FOUND;

THENCE N 08° 21' 58" E BOUNDED EASTERLY BY LAND NOW OR FORMERLY OF VICTOR A. RAMOS A DISTANCE OF 521.10' TO A GRANITE MONUMENT FOUND;

THENCE N 12° 45' 28" E BOUNDED EASTERLY BY LAND NOW OR FORMERLY OF VICTOR A. RAMOS A DISTANCE OF 18.31' TO A POINT;

THENCE N 34° 51' 56" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 229.73' TO A PIPE FOUND;

THENCE N 56° 33' 56" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 245.19' TO A POINT;

THENCE N 57° 09' 50" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 460.36' TO A POINT;

THENCE N 25° 24' 59" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 422.00' TO A CONCRETE MONUMENT FOUND;

THENCE N 67° 37' 59" W BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 608.90' TO A CONCRETE MONUMENT FOUND;

THENCE N 18° 40' 08" E BOUNDED EASTERLY BY LAND NOW OR FORMERLY OF 1001 DAY HILL ROAD, LLC A DISTANCE OF 30.07' TO A CONCRETE MONUMENT FOUND IN THE SOUTHERLY SIDE OF OLD IRON ORE ROAD;

THENCE N 75° 20' 40" W ALONG THE SOUTHERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 128.33' TO A CONCRETE MONUMENT FOUND;

THENCE ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 45.69', A RADIUS OF 90.00', AN INCLUDED ANGLE OF 29° 05' 24", AND A CHORD OF 45.21' N 01° 59' 39" E TO A CONCRETE MONUMENT FOUND, SAID POINT ALSO BEING A POINT OF REVERSE CURVATURE;

THENCE ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD, CURVING TO THE RIGHT, WITH AN ARC LENGTH OF 111.50', A RADIUS OF 76.00', AN INCLUDED ANGLE OF 84° 03' 41", AND A CHORD OF 101.77' N 29° 28' 47" E TO A POINT OF REVERSE CURVATURE;

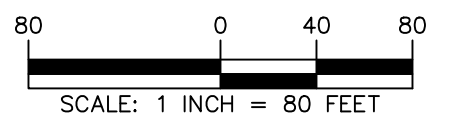
THENCE ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 158.96', A RADIUS OF 160.00', AN INCLUDED ANGLE OF 56° 55' 30", AND A CHORD OF 152.51' N 43° 02' 53" E TO A CONCRETE MONUMENT FOUND, SAID POINT ALSO BEING A POINT OF TANGENCY;

THENCE N 14° 35' 07" E ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 849.38' TO A CONCRETE MONUMENT FOUND;

THENCE N 75° 21' 05" W BOUNDED NORTHERLY BY PROPOSED PARCEL "B" A DISTANCE OF 1135.92' TO A POINT OF CURVATURE ON THE EASTERLY SIDE OF GOODWIN DRIVE;

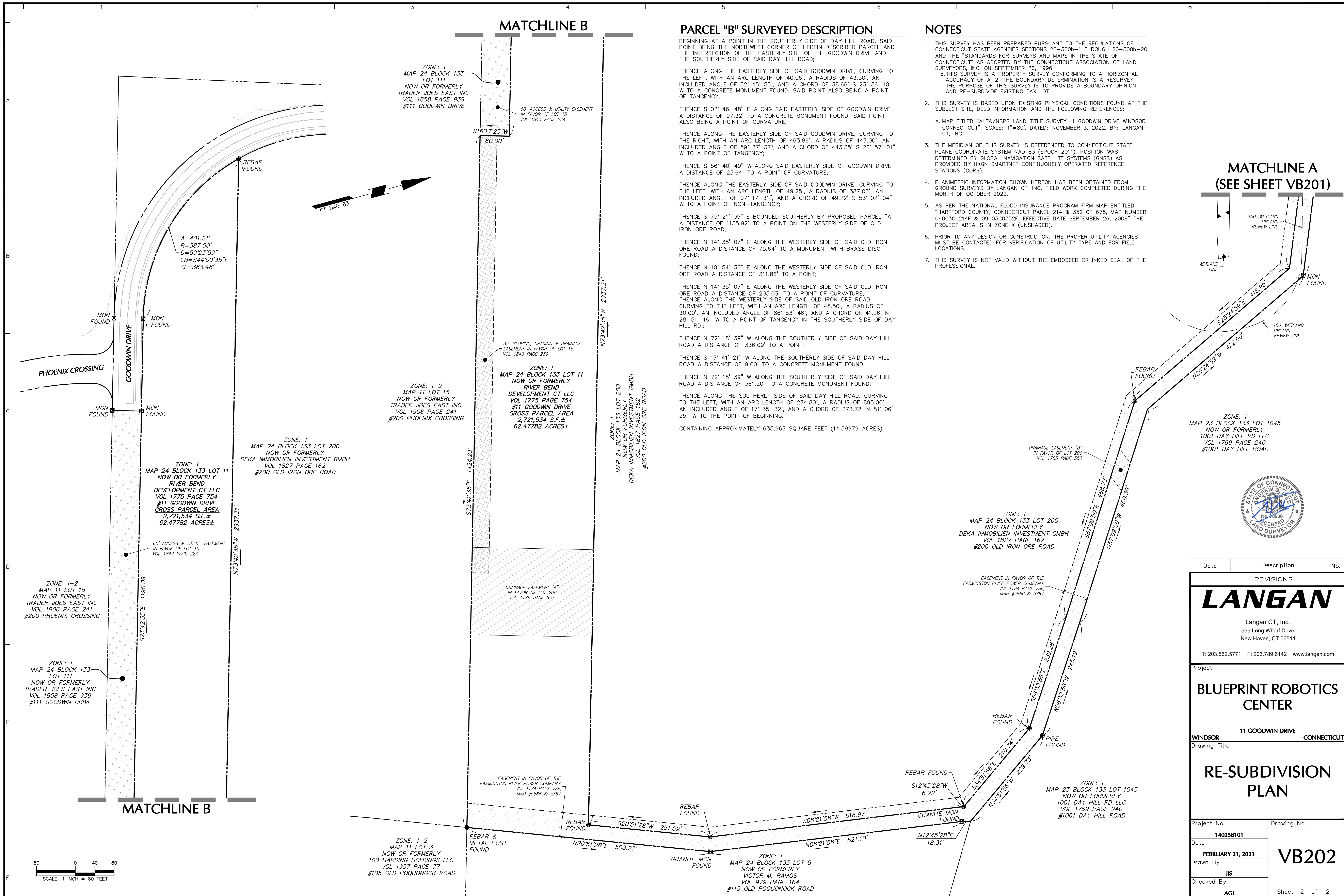
THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 234.58', A RADIUS OF 387.00', AN INCLUDED ANGLE OF 43° 48', AND A CHORD OF 231.01' S 32° 01' 25" W TO A CONCRETE MONUMENT FOUND, SAID POINT ALSO BEING A POINT OF TANGENCY;

THENCE S 14° 39' 31" W ALONG SAID EASTERLY SIDE OF GOODWIN DRIVE A DISTANCE OF 935.54' TO THE NORTHWEST CORNER OF LAND NOW OR FORMERLY OF DEKA IMMOBILIEN INVESTMENT GMBH TO THE POINT AND PLACE OF BEGINNING, CONTAINING APPROXIMATELY 2,085,581 SQUARE FEET (47.87835 ACRES)



| Date | Description | No. |
|--|--------------|-----|
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| Project | | |
| BLUEPRINT ROBOTICS CENTER | | |
| 11 GOODWIN DRIVE | | |
| Drawing Title | | |
| RE-SUBDIVISION PLAN | | |
| Project No. | Drawing No. | |
| 140258101 | VB201 | |
| Date | Sheet 1 of 2 | |
| FEBRUARY 21, 2023 | | |
| Drawn By | | |
| AIR | | |
| Checked By | | |
| ACI | | |

MATCHLINE A (SEE SHEET VB202)



PARCEL "B" SURVEYED DESCRIPTION

BEGINNING AT A POINT IN THE SOUTHERLY SIDE OF DAY HILL ROAD, SAID POINT BEING THE NORTHWEST CORNER OF HEREIN DESCRIBED PARCEL AND THE INTERSECTION OF THE EASTERLY SIDE OF THE GOODWIN DRIVE AND THE SOUTHERLY SIDE OF SAID DAY HILL ROAD;

THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 40.06', A RADIUS OF 43.50', AN INCLUDED ANGLE OF 52° 45' 55", AND A CHORD OF 38.66' S 23° 36' 10" W TO A CONCRETE MONUMENT FOUND, SAID POINT ALSO BEING A POINT OF TANGENCY;

THENCE S 02° 46' 48" E ALONG SAID EASTERLY SIDE OF GOODWIN DRIVE A DISTANCE OF 97.32' TO A CONCRETE MONUMENT FOUND, SAID POINT ALSO BEING A POINT OF CURVATURE;

THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE RIGHT, WITH AN ARC LENGTH OF 463.89', A RADIUS OF 447.00', AN INCLUDED ANGLE OF 59° 27' 37", AND A CHORD OF 443.35' S 26° 57' 01" W TO A POINT OF TANGENCY;

THENCE S 56° 40' 49" W ALONG SAID EASTERLY SIDE OF GOODWIN DRIVE A DISTANCE OF 23.64' TO A POINT OF CURVATURE;

THENCE ALONG THE EASTERLY SIDE OF SAID GOODWIN DRIVE, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 49.25', A RADIUS OF 387.00', AN INCLUDED ANGLE OF 07° 17' 31", AND A CHORD OF 49.22' S 53° 02' 04" W TO A POINT OF TANGENCY;

THENCE S 75° 21' 05" E BOUNDED SOUTHERLY BY PROPOSED PARCEL "A" A DISTANCE OF 1135.92' TO A POINT ON THE WESTERLY SIDE OF OLD IRON ORE ROAD;

THENCE N 14° 35' 07" E ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 75.64' TO A MONUMENT WITH BRASS DISC FOUND;

THENCE N 10° 54' 30" E ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 311.86' TO A POINT;

THENCE N 14° 35' 07" E ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD A DISTANCE OF 203.03' TO A POINT OF CURVATURE; THENCE ALONG THE WESTERLY SIDE OF SAID OLD IRON ORE ROAD, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 45.50', A RADIUS OF 30.00', AN INCLUDED ANGLE OF 86° 53' 46", AND A CHORD OF 41.26' N 28° 51' 46" W TO A POINT OF TANGENCY IN THE SOUTHERLY SIDE OF DAY HILL RD.;

THENCE N 72° 18' 39" W ALONG THE SOUTHERLY SIDE OF SAID DAY HILL ROAD A DISTANCE OF 336.09' TO A POINT;

THENCE S 17° 41' 21" W ALONG THE SOUTHERLY SIDE OF SAID DAY HILL ROAD A DISTANCE OF 9.00' TO A CONCRETE MONUMENT FOUND;

THENCE N 72° 18' 39" W ALONG THE SOUTHERLY SIDE OF SAID DAY HILL ROAD A DISTANCE OF 361.20' TO A CONCRETE MONUMENT FOUND;

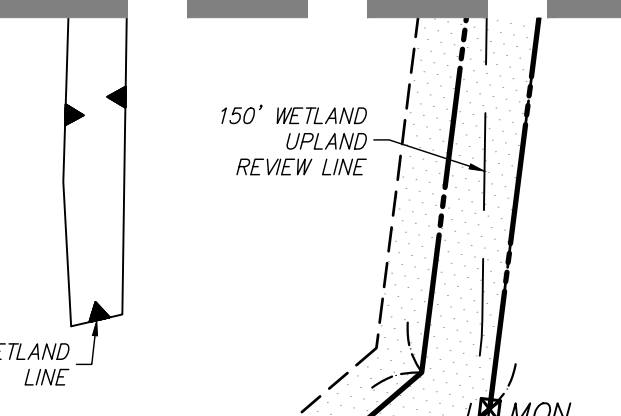
THENCE ALONG THE SOUTHERLY SIDE OF SAID DAY HILL ROAD, CURVING TO THE LEFT, WITH AN ARC LENGTH OF 274.80', A RADIUS OF 895.00', AN INCLUDED ANGLE OF 17° 35' 32", AND A CHORD OF 273.72' N 81° 06' 25" W TO THE POINT OF BEGINNING.

CONTAINING APPROXIMATELY 635,967 SQUARE FEET (14.59979 ACRES)

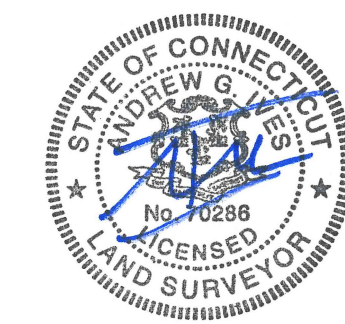
NOTES

- THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
 - a. THIS SURVEY IS A PROPERTY SURVEY CONFORMING TO A HORIZONTAL ACCURACY OF A-2, THE BOUNDARY DETERMINATION IS A RESURVEY. THE PURPOSE OF THIS SURVEY IS TO PROVIDE A BOUNDARY OPINION AND RE-SUBDIVIDE EXISTING TAX LOT.
- THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, DEED INFORMATION AND THE FOLLOWING REFERENCES:
 - A. MAP TITLED "ALTA/NSPS LAND TITLE SURVEY 11 GOODWIN DRIVE WINDSOR CONNECTICUT", SCALE: 1"=80', DATED: NOVEMBER 3, 2022, BY: LANGAN CT, INC.
- THE MERIDIAN OF THIS SURVEY IS REFERENCED TO CONNECTICUT STATE PLANE COORDINATE SYSTEM NAD 83 (EPOCH 2011). POSITION WAS DETERMINED BY GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS) AS PROVIDED BY HXGN SMARTNET CONTINUOUSLY OPERATED REFERENCE STATIONS (CORS).
- PLANIMETRIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN CT, INC. FIELD WORK COMPLETED DURING THE MONTH OF OCTOBER 2022.
- AS PER THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP ENTITLED "HARTFORD COUNTY, CONNECTICUT PANEL 214 & 352 OF 675, MAP NUMBER 09003C0214F & 09003C0352F, EFFECTIVE DATE SEPTEMBER 26, 2008" THE PROJECT AREA IS IN ZONE X (UNSHADED).
- PRIOR TO ANY DESIGN OR CONSTRUCTION, THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.
- THIS SURVEY IS NOT VALID WITHOUT THE EMBOSSED OR INKED SEAL OF THE PROFESSIONAL.

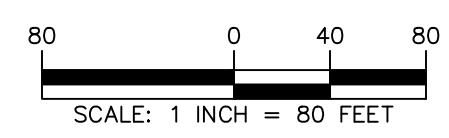
MATCHLINE A (SEE SHEET VB201)



ZONE: 1
 MAP 23 BLOCK 133 LOT 1045
 NOW OR FORMERLY
 1001 DAY HILL RD LLC
 VOL 1769 PAGE 240
 #1001 DAY HILL ROAD



| Date | Description | No. |
|--|-------------------|-----|
| REVISIONS | | |
| LANGAN | | |
| Langan CT, Inc. 555 Long Wharf Drive New Haven, CT 06511 | | |
| T: 203.562.5771 F: 203.789.6142 www.langan.com | | |
| Project | | |
| BLUEPRINT ROBOTICS CENTER | | |
| 11 GOODWIN DRIVE CONNECTICUT | | |
| Drawing Title | | |
| RE-SUBDIVISION PLAN | | |
| Project No. | Drawing No. | |
| 140258101 | VB202 | |
| Date | FEBRUARY 21, 2023 | |
| Drawn By | JJS | |
| Checked By | AGI | |
| Sheet 2 of 2 | | |



PROJECT NO. 140258101

CONTRACTOR NOTES

- THESE PLANS REPRESENT THE OVERALL SITEWORK IMPROVEMENTS REQUIRED FOR PROJECT CONSTRUCTION. THE CONTRACTOR SHALL FURNISH, INSTALL AND COMPLETE ALL WORK TO THE SATISFACTION OF THE OWNER AND ENGINEER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION; AS SUCH, THESE PLANS DO NOT COMPLETELY REPRESENT, NOR ARE THEY INTENDED TO REPRESENT, ALL SPECIFIC INSTRUCTIONS REQUIRED FOR SITEWORK CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO CONSTRUCT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR SHALL ACCEPT THE SITE AS IS. THE CONTRACTOR SHALL ASSESS CONDITIONS, AND THE KIND, QUALITY AND QUANTITY OF WORK REQUIRED. THE OWNER AND ENGINEER MAKES NO GUARANTEE IN REGARD TO THE ACCURACY OF ANY INFORMATION THAT WAS OBTAINED DURING INVESTIGATIONS. THE CONTRACTOR SHALL MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS; CORRELATE CONDITIONS WITH THE DRAWINGS; AND, RESOLVE ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PERFORM ADDITIONAL TOPOGRAPHIC SURVEYS HE/SHE DEEMS NECESSARY, PROVIDED THEY ARE COORDINATED WITH THE OWNER. ANY CONDITIONS DETERMINED BY THE CONTRACTOR THAT DIFFER FROM THE INFORMATION SHOWN ON THE DRAWINGS THAT IS NOT BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER PRIOR TO THE START OF WORK SHALL NOT BE CONSIDERED GROUNDS FOR ADDITIONAL PAYMENT OR CHANGES TO THE CONTRACT DURATION, OR ANY OTHER CLAIMS AGAINST THE OWNER OR OWNER'S ENGINEER.
- THE CONTRACTOR SHALL, WHEN HE/SHE DEEMS NECESSARY, PROVIDE A WRITTEN REQUESTS FOR INFORMATION (RFI) TO THE OWNER AND/OR OWNER'S DESIGNATED REPRESENTATIVE, AND ENGINEER PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC SITEWORK ITEM. THE (RFI) SHALL BE IN A FORM ACCEPTABLE TO OWNER AND/OR OWNER'S DESIGNATED REPRESENTATIVE, AND ENGINEER AND SHALL ALLOW FOR A MINIMUM OF THREE WORK DAYS FOR A WRITTEN REPLY. RFIS SHALL BE NUMBERED CONSECUTIVELY BY DATE SUBMITTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITEWORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS.
- INFORMATION RELATED TO ELEVATIONS AND PROPOSED UTILITIES (SUCH AS ROADWAY GRADES, INVERT ELEVATIONS, RIM ELEVATIONS, GRATE ELEVATIONS, BUILDING ELEVATIONS, ETC.) MAY BE FOUND IN MORE THAN ONE LOCATION IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL SUFFICIENTLY REVIEW ALL PLANS, PROFILES AND ANY OTHER INFORMATION IN THE CONTRACT DOCUMENTS FOR CONSISTENCY PRIOR TO BID. ANY INCONSISTENCIES OR DISCREPANCIES THAT ARE FOUND BY THE CONTRACTOR OR HIS ASSIGNS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IN WRITING, IN THE FORMAT OF AN RFI PRIOR TO BID.
- THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND INDUSTRY STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.
- CONTRACTOR IS SPECIFICALLY CAUTIONED THAT ALL CONSTRUCTION STAKEOUT FOR THIS PROJECT MUST BE COMPLETED FROM THE SITE SPECIFIC SURVEY CONTROL (HORIZONTAL AND VERTICAL) UPON WHICH THE DESIGN IS BASED. THE CONTRACTOR SHOULD NOT RELY ON OR RE-ESTABLISH SURVEY CONTROL POINTS OR OTHER METHODS FOR USE IN CONSTRUCTION STAKEOUT OR ANY OTHER PURPOSE FOR THIS PROJECT. ANY DISCREPANCIES BETWEEN THE EXISTING HORIZONTAL OR VERTICAL DATA SHOWN ON THESE DRAWINGS AND THAT ENCOUNTERED IN THE FIELD MUST BE REPORTED TO THE DESIGN TEAM PRIOR TO CONSTRUCTION FOR RESOLUTION.

ACCESSIBILITY NOTES

- WALKWAYS ALONG ACCESSIBLE ROUTES NOT TO EXCEED 5% RUNNING SLOPE OR 2% CROSS SLOPE.
- ALL ADA PARKING SPACES AND PASSENGER LOADING ZONES SHALL NOT EXCEED 2% IN ANY DIRECTION.
- ADA CORNERS SHALL BE FLUSH WITH UNLESS NOTED OTHERWISE.
- ALL CURB RAMPS SHALL NOT EXCEED 1:12 RUNNING SLOPE OR 2% CROSS SLOPE.
- CONTRACTOR SHALL CONFIRM FIELD CONDITIONS ARE CONSISTENT WITH CONSTRUCTION DOCUMENTS AND NOTIFY LANGAN, CT OF ANY COMPLIANCE ISSUES PRIOR TO CONSTRUCTION.

SANITARY SEWER NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH METROPOLITAN DISTRICT STANDARDS AND SPECIFICATIONS.
- "CALL BEFORE YOU DIG" - THE CONTRACTOR IS HEREBY REMINDED THAT TITLE 16, CHAPTER 293 OF THE CONNECTICUT GENERAL STATUTES REQUIRES NOTIFICATION OF THE UTILITY COMPANIES OF PENDING EXCAVATION AT OR NEAR PUBLIC UTILITIES. THE CONTRACTOR SHALL CALL 1-800-922-4455 AT LEAST 48 HOURS PRIOR TO BEGINNING THE EXCAVATION.
- SANITARY SEWERS ARE FOR SANITARY SEWAGE ONLY. ALL STORM WATER, COOLING WATER, AND SUBSOIL DRAINAGE ARE EXCLUDED FROM SANITARY SEWERS BY DISTRICT ORDINANCES.
- SANITARY SEWER DISCHARGES MUST MEET ALL APPLICABLE STATE, FEDERAL, METROPOLITAN DISTRICT AND LOCAL REGULATIONS. THIS MAY INCLUDE, BUT IS NOT LIMITED TO PERMITTING, SAMPLING AND REPORTING REQUIREMENTS.
- SUBSOIL AND SURFACE DRAINAGE SHALL BE CONNECTED TO THE NEAREST STORM DRAIN OR WATERCOURSE, AS APPROVED BY THE APPROPRIATE AUTHORITY.
- ALL FEDERAL AND STATE OSHA SAFETY STANDARDS MUST BE FOLLOWED DURING SEWER INSTALLATION AND TESTING, INCLUDING 29 CFR 1926.650 - 1926.652, THAT ADDRESS EXCAVATION WORK AND REQUIREMENTS FOR PROTECTIVE SYSTEMS.
- THE CONTRACTOR SHALL FURNISH TO THE ENGINEER A MATERIALS LIST, FOR REVIEW AND APPROVAL, PRIOR TO THE INSTALLATION OF THE PROPOSED SEWER.
- ELEVATIONS ARE BASED ON NAVD83 DATUM.
- ALL SEWER PIPE AND APPURTENANCES SHALL BE STAKED (SURVEYED) OUT BY A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF CONNECTICUT. THE SURVEY SHALL INCLUDE AN OFFSET LINE EVERY EVEN FIFTY FEET (50'0"), BENCHES AND OUT SHEETS.
- ANY PROPOSED WATER MAINS SHALL BE INSTALLED AFTER THE SANITARY SEWER.
- WHENEVER POSSIBLE THE SANITARY SEWER SHALL BE LOCATED A MINIMUM OF TEN FEET (10'0") HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. WHEN LOCAL CONDITIONS PREVENT THIS A LESSER DISTANCE IS ALLOWED IF (A) THE WATER MAIN IS IN A SEPARATE TRENCH, OR (B) IT IS LOCATED IN THE SAME TRENCH TO ONE SIDE ON A BENCH OF UNDISTURBED EARTH WITH AT LEAST TWELVE INCHES (12"), AND PREFERABLY EIGHTEEN INCHES (18") HORIZONTAL SEPARATION BETWEEN THE EDGES OF THE SEWER PIPE AND THE WATER MAIN. IN EITHER CASE, THE BOTTOM OF THE WATER MAIN SHALL BE EIGHTEEN INCHES ABOVE THE CROWN OF THE SEWER PIPE.
- ANY CONFLICT BETWEEN THE PROPOSED SANITARY SEWER, EXISTING OR PROPOSED UTILITIES AND/OR STORM DRAINS WILL BE RESOLVED AT THE EXPENSE OF THE DEVELOPER.
- ROADWAYS REQUIRING FILL SHALL HAVE A MINIMUM OF THREE FEET (3'0") OF ACCEPTABLE FILL PLACED ABOVE THE TOP OF THE PROPOSED PIPE ELEVATION OR TO ESTABLISHED GRADE, AND COMPACTED TO 95% DENSITY PRIOR TO INSTALLATION OF THE SANITARY SEWER.
- TRENCH BACKFILL UNDER ROADWAYS AND WALKWAYS SHALL BE BANK RUN GRAVEL, SAND, OR ACCEPTABLE NATURAL SOIL, SATISFACTORY TO THE TOWN, CITY AND/OR STATE AUTHORITY HAVING JURISDICTION.
- PRIOR TO PLACING BACKFILL, THE CRUSHED STONE FOUNDATION AND THE STONE HAUNCHING ALONG THE MAIN SEWER PIPES AND LATERALS SHALL BE WRAPPED IN A DISTRICT APPROVED FILTER FABRIC AND SHALL BE LAPPED CLOSED AT THE TOP A MINIMUM OF ONE FOOT (1'0"). THE FILTER FABRIC SHALL BE PLACED UNDER THE CRUSHED STONE FOUNDATION FOR MANHOLES AND EXTENDED ABOVE THE PIPE.
- AFTER PLACING APPROXIMATELY TWO FEET (2'0") OF BACKFILL OVER ALL SEWER PIPING, THE CONTRACTOR SHALL PLACE A SIX-INCH WIDE STRIP OF DURABLE, NON-DETECTABLE COLOR CODED (GREEN FOR SANITARY SEWER AND STORM SEWER) UNDERGROUND UTILITY LOCATION TAPE IMPRINTED WITH THE APPROPRIATE WARNING INDICATING THE PRESENCE OF THE BURIED UTILITY CONDUIT.
- THE CONTRACTOR IS RESPONSIBLE, AT HIS OWN EXPENSE, FOR VERIFYING FIELD COMPACTION OF BACKFILL UTILIZING AASHTO T180 METHOD D. TEST RESULTS MAY BE REQUIRED BY THE METROPOLITAN DISTRICT.
- TEMPORARY AND PERMANENT PAVING RESTORATION SHALL BE IN ACCORDANCE WITH DISTRICT AND/OR TOWN AND/OR STATE SPECIFICATIONS.
- THE SEWER LINE SHALL BE TESTED FOR LEAKAGE USING LOW PRESSURE AIR IN ACCORDANCE WITH SPECIFICATIONS FURNISHED BY THE METROPOLITAN DISTRICT. ANY SECTION OF PIPELINE FAILING THE TEST SHALL BE REPAIRED OR REPLACED AND RETESTED BEFORE INDIVIDUAL BUILDING CONNECTIONS WILL BE PERMITTED.
- CLOSED CIRCUIT TELEVISION (CCTV) INSPECTION(S) SHALL BE DONE BY THE CONTRACTOR UPON COMPLETION OF THE SEWER, AND AGAIN AT THE END OF THE ONE-YEAR MAINTENANCE PERIOD AT THE DEVELOPER'S EXPENSE. A DISTRICT REPRESENTATIVE SHALL BE PRESENT DURING THE INSPECTIONS.
- ALL SANITARY SEWER LATERALS SHALL BE A MINIMUM OF SIX INCHES (6") IN DIAMETER AND SHALL BE INSTALLED AT NOT LESS THAN TWO PERCENT (2%) GRADE. THE MAXIMUM GRADE ALLOWED SHALL BE TEN PERCENT (10%), LATERALS TO THE EDGE OF THE RIGHT-OF-WAY OR EASEMENT SHALL BE BUILT IN CONJUNCTION WITH THE MAIN SEWER CONSTRUCTION.
- APPROVAL FOR THE SEWER IS FOR THE MAIN LINE ONLY. CONNECTIONS FROM THE LATERALS AT THE EDGE OF THE RIGHT-OF-WAY OR THE EDGE OF THE EASEMENT TO THE BUILDING(S) SHALL BE CONSTRUCTED UNDER INDIVIDUAL HOUSE CONNECTION PERMITS ISSUED BY THE CUSTOMER SERVICE DEPARTMENT OF THE METROPOLITAN DISTRICT, LOCATED AT 60 MURPHY ROAD, HARTFORD, CONNECTICUT.
- ALL WORK SHALL FOLLOW STATE PLUMBING CODE TO INCLUDE INTERNAL INDIVIDUAL FIXTURE BACKFLOW PROTECTION.

- ★ POSSIBLE CONNECTION CHARGE OR OTHER MONETARY CHARGE IS DUE IN AN AMOUNT BASED UPON PREVAILING RATES IN EFFECT AT THE TIME OF THE HOUSE CONNECTION PERMIT.
- ★ DEFERRED DEVELOPER'S OUTLET CHARGE IS DUE IN AN AMOUNT BASED UPON PREVAILING RATES IN EFFECT AT THE TIME OF ISSUANCE OF THE HOUSE CONNECTION PERMIT.

GENERAL NOTES

- PLANIMETRIC AND TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM PLANS TITLED "ALTA/NSPS LAND TITLE SURVEY" BY LANGAN, CT, DATED 11-03-2022.
- THE SITE LIES IN ZONE X (UNSHADED) AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAPS NUMBERED 09003C0214F AND 09003C0352F EFFECTIVE SEPTEMBER 26, 2008.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING CALL BEFORE YOU DIG (WWW.CBYD.COM), PRIOR TO PERFORMING EXCAVATION TEST HOLES, TEST BORINGS, AND WHATEVER ADDITIONAL INVESTIGATION IS NECESSARY TO PROTECT AND MAINTAIN ALL EXISTING UTILITIES TO REMAIN THROUGHOUT THE CONSTRUCTION PERIOD. ANY CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED UTILITIES DISCOVERED DURING CONSTRUCTION SHALL BE PROMPTLY REPORTED TO THE PROJECT ENGINEER.
- SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS, DIMENSIONS AND DETAILS OF ALL DOORS, RAMPS, SIDEWALKS AND WALLS ASSOCIATED WITH THE BUILDING.
- ALL IMPROVEMENTS CONSTRUCTED IN THE TOWN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO TOWN OF WINDSOR STANDARD DETAILS. IN THE ABSENCE OF LOCAL DETAILS & REQUIREMENTS AND WORK IN THE STATE RIGHT-OF-WAY SHALL COMPLY WITH THE MOST UP TO DATE VERSION OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
- FOR AREAS OUTSIDE THE PROPERTY LINES, REPAIR AND/OR REPLACE ALL DAMAGE DONE TO EXISTING ELEMENTS (SIDEWALKS, PAVING, LANDSCAPING, ETC) AS REQUIRED BY OWNER AND/OR GOVERNING AUTHORITY.
- ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD AND CONNECTICUT DEPARTMENT OF TRANSPORTATION REGULATIONS.
- CONTRACTOR SHALL PREVENT DUST, SEDIMENT AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS. ADJOINING STREETS AND PROPERTIES TO BE KEPT FREE OF DEBRIS RESULTING FROM DEMOLITION AND SHALL BE CLEANED ON A DAILY BASIS OR AS NEEDED.
- DUST CONTROL TREATMENTS SHALL BE APPLIED AS NECESSARY TO CONTROL AND REDUCE THE AMOUNT OF DUST WHICH CAUSE OFF-SITE DAMAGE BE A HEALTH HAZARD TO HUMANS, WILDLIFE AND PLANT LIFE, OR POSE A HAZARD TO TRAFFIC SAFETY.
- ABBREVIATIONS:
ARCH = ARCHITECTURAL
CONC. = CONCRETE
INV = INVERT
EX = EXISTING
HDPE = HIGH DENSITY POLYETHYLENE PIPE
PR. = PROPOSED
R&D = REMOVE & DISPOSE
R&R = REMOVE & REPLACE
TYP. = TYPICAL
SWL = SINGLE WHITE LINE
SYL = SINGLE YELLOW LINE
BW = BOTTOM OF WALL
HP = HIGHPOINT
TOP OF GRATE
INV = INVERT
SAN MH = SANITARY SEWER MANHOLE
FFE = FINISHED FLOOR ELEVATION
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND ALL PAVEMENT REPAIRS REQUIRED AS A RESULT OF ANY UTILITY WORK.
- ALL RADI ARE 3 FEET UNLESS OTHERWISE NOTED.
- GRADING IN VEHICLE AREAS SHALL BE WITHIN THE FOLLOWING TOLERANCE:
25.1. DOCK APRON - 1.0%
25.2. TRUCK COURT: 1.0% MIN - 3.5% MAX
25.3. DRIVEWAYS: 1.0% MIN - 8.0% MAX
- CONCRETE JOINTS ON SITE ARE TO BE FILLED WITH 1" ISOLATION JOINT FILLER, TO INCLUDE CONCRETE PAVEMENTS, MONOLITHIC CURBING, AND MONOLITHIC SIDEWALKS.
- BOTTOM AND TOP OF RETAINING WALL ELEVATION SPOT SHOTS REPRESENT THE BASE OF THE WALL AT FINISHED GROUND LEVEL AND THE TOP OF THE FACE OF THE WALL RESPECTIVELY.
- SPOT SHOTS ALONG CURB LINES REPRESENT THE BASE OF THE CURB UNLESS NOTED OTHERWISE.
- ALL ON-SITE CONCRETE TO BE 4,500 PSI WITH 5% TO 7% AIR ENTRAPMENT UNLESS OTHERWISE NOTED.
- TRANSFORMERS, HVAC UNITS, DUMPSTER AND SIMILAR SITE INSTALLATIONS MUST BE APPROPRIATELY SCREENED TO THE SATISFACTION OF THE PLANNING DEPARTMENT.
- UPON COMPLETION OF CONSTRUCTION, THE OWNER SHALL SUBMIT "AS-BUILT" PLANS FOR THE STORMWATER MANAGEMENT SYSTEM, CERTIFIED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT, STATING THAT THE STORMWATER MANAGEMENT SYSTEM WAS INSTALLED IN ACCORDANCE WITH THE APPROVED STORMWATER MANAGEMENT PLAN.
- CONTRACTOR TO REMOVE ALL AGRICULTURAL PLASTIC SHEETING, IRRIGATION TUBING AND SIMILAR MATERIAL FROM THE SITE AND DISPOSE IN ACCORDANCE WITH ALL LOCAL AND STATE REGULATIONS. CONTRACTOR TO REMOVE EXISTING BENCHES AND SMALL PILES OF MATERIAL ALONG EDGES OF FIELDS AND GRAD TO BLEND SMOOTHLY INTO ADJACENT TOPOGRAPHY.
- ANY SIGN TO BE INSTALLED ON THE PROPERTY REQUIRES A BUILDING PERMIT AND SHALL COMPLY WITH THE REQUIREMENT OF SECTION 3.7 (WZR). THE DESIGN AND DETAILS OF EACH PROPOSED SIGN, RELATED LANDSCAPING AND RELATED LIGHTING SHALL BE SUBMITTED TO THE TOWN FOR APPROVAL.

- R.O.W = RIGHT OF WAY
- CO = CLEAN OUT
- DIP = DUCTILE IRON PIPE
- PVC = POLYVINYL CHLORIDE PIPE
- OCS = OUTLET CONTROL STRUCTURE
- RCF = REINFORCED CONCRETE PIPE
- LF = LINEAR FEET
- RL = ROOF LEADER
- TC = TOP OF CURB
- BC = BOTTOM OF CURB
- TW = TOP OF WALL
- MH = MANHOLE
- LA = LANDSCAPED AREA
- N.T.S. = NOT TO SCALE
- LF = LINEAR FEET
- INV = INVERT
- CB = CATCH BASIN
- YD = YARD DRAIN
- FES = FLAIRE END SECTION

WATER NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH METROPOLITAN DISTRICT STANDARDS AND SPECIFICATIONS.
- WATER MAIN TO BE INSTALLED IN ACCORDANCE WITH THE METROPOLITAN DISTRICT'S DEVELOPERS MANUAL FOR WATER MAIN DESIGN AND INSTALLATION STANDARDS."
- "CALL BEFORE YOU DIG" - THE CONTRACTOR IS HEREBY REMINDED THAT TITLE 16, CHAPTER 293 OF THE CONNECTICUT GENERAL STATUTES REQUIRES NOTIFICATION OF THE UTILITY COMPANIES OF PENDING EXCAVATION AT OR NEAR PUBLIC UTILITIES. THE CONTRACTOR SHALL CALL 1-800-922-4455 AT LEAST 48 HOURS PRIOR TO BEGINNING THE EXCAVATION.
- ALL FEDERAL AND STATE OSHA SAFETY STANDARDS MUST BE FOLLOWED DURING WATER MAIN INSTALLATIONS AND TESTING, INCLUDING 29 CFR 1926.650 - 1926.652, THAT ADDRESS EXCAVATION WORK AND REQUIREMENTS FOR PROTECTIVE SYSTEMS.
- TEST PITS SHALL BE DUG WELL IN ADVANCE OF THE WATER MAIN INSTALLATION TO DETERMINE POSSIBLE OFFSETS ABOVE OR BELOW OTHER UTILITIES, STRUCTURES OR OBSTACLES.
- EXTREME CARE MUST BE EXERCISED BY THE CONTRACTOR TO PROTECT EXISTING SANITARY SEWERS, SANITARY SEWER LATERALS, STORM DRAINS AS WELL AS OTHER UTILITIES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL FURNISH TO THE ENGINEER A MATERIALS LIST, FOR APPROVAL, PRIOR TO THE INSTALLATION OF THE PROPOSED WATER MAIN.
- ELEVATIONS ARE BASED ON NAVD83 DATUM.
- ALL WATER MAIN AND APPURTENANCES SHALL BE STAKED (SURVEYED) OUT BY A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF CONNECTICUT. THE SURVEY SHALL INCLUDE AN OFFSET LINE OR STREET LINE EVERY FIFTY FEET (50'0"), FINAL ROAD OR SURFACE ELEVATION.
- TEST PRESSURE SHALL BE 150 PSI, AS CONFIRMED BY THE METROPOLITAN DISTRICT INSPECTOR ON SITE.
- GATE OPERATIONS FOR THIS PROJECT SHALL BE "OPEN LEFT".
- HYDRANT LOCATIONS ARE SUBJECT TO THE APPROVAL OF THE TOWN FIRE MARSHAL.
- MINIMUM DEPTH OF COVER OVER PROPOSED WATER MAIN SHALL BE 4.5 FEET AS MEASURED FROM THE UNDERSIDE OF THE PAVEMENT TO THE TOP OF THE PIPE.
- ALL WATER MAINS SHALL BE CLASS 54 ANS/AWWA C151/A21.51-81 DUCTILE IRON PIPE CENTRIFUGALLY CAST IN METAL MOLDS OR SAND LINED MOLDS FOR WATER OR OTHER LIQUIDS.
- WHERE ROCK IS ENCOUNTERED DURING THE INSTALLATION OF THE PROPOSED WATER MAIN, THE PROPOSED MAIN SHALL BE LAID ON A PRE-COMPACTED BED OF APPROVED MATERIAL A MINIMUM SIX INCHES (6") IN DEPTH.
- ALL FITTINGS, UNLESS OTHERWISE SPECIFIED, SHALL BE MECHANICAL JOINT AND SHALL BE INSTALLED WITH RESTRAINT IN EACH DIRECTION.
- WHERE RESTRAINT IS INDICATED, APPROVED RETAINER GLANDS OR RODDING MAY BE UTILIZED.
- WHERE "PULLING" OR DEFLECTING PIPE IS INDICATED, SUCH DEFLECTION SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF "THE DIPRA HANDBOOK." IN NO CASE SHOULD THE DEFLECTION BE GREATER THAN FIVE DEGREES.
- ALL GATE VALVES, AIR VALVES AND BLOWOFFS SHALL BE INSTALLED COMPLETE WITH DISTRICT APPROVED GATE BOXES AND APPURTENANCES UNLESS OTHERWISE NOTED.
- GATE VALVE EXTENSION STEMS REQUIRED WHERE GATE VALVE NUTS ARE PLACED AT A DEPTH GREATER THAN 4.5 FEET BELOW FINAL GRADE.
- CONCRETE COLLARS FOR FIRE HYDRANTS SHALL BE INSTALLED PRIOR TO THE METROPOLITAN DISTRICT PLUMBING INTO SERVICE.
- MAINTAIN A MINIMUM DISTANCE OF 10 FEET (10'0") HORIZONTAL BETWEEN THE WATER MAIN AND ANY EXISTING OR PROPOSED SANITARY SEWER. WHEN LOCAL CONDITIONS PREVENT THIS, A LESSER DISTANCE IS ALLOWED IF (A) THE WATER MAIN IS IN A SEPARATE TRENCH, OR (B) IT IS LOCATED IN THE SAME TRENCH TO ONE SIDE ON A BENCH OF UNDISTURBED EARTH WITH AT LEAST TWELVE INCHES (12"), AND PREFERABLY EIGHTEEN INCHES (18") HORIZONTAL SEPARATION BETWEEN THE EDGES OF THE WATER MAIN AND THE CROWN OF THE SEWER PIPE.
- WHERE THE WATER MAIN IS TO BE INSTALLED BELOW DRAIN PIPE, MAINTAIN A MINIMUM OF 18 INCHES BETWEEN THE BOTTOM OF STORM DRAIN AND THE CROWN OF THE WATER MAIN.
- ANY CONFLICT BETWEEN THE PROPOSED WATER MAIN, EXISTING OR PROPOSED UTILITIES AND/OR STORM DRAINS SHALL BE RESOLVED AT THE EXPENSE OF THE DEVELOPER.
- TEMP PLACING APPROXIMATELY TWO FEET (2'0") OF BACKFILL MATERIAL OVER THE WATER MAIN, THE CONTRACTOR SHALL APPLY A SIX-INCH WIDE STRIP OF DURABLE, NON-DETECTABLE, COLOR CODED (BLUE FOR WATER) UNDERGROUND UTILITY DETECTION TAPE IMPRINTED WITH THE APPROPRIATE WARNING INDICATING THE PRESENCE OF A BURIED UTILITY CONDUIT.
- TRENCH BACKFILL UNDER ROADWAYS AND WALKWAYS SHALL BE BANK RUN GRAVEL, SAND, OR ACCEPTABLE NATIVE SOIL SATISFACTORY TO THE TOWN, CITY AND/OR STATE AUTHORITY.
- ROADWAYS REQUIRING FILL SHALL HAVE A MINIMUM OF THREE FEET (3'0") OF ACCEPTABLE FILL PLACED ABOVE THE TOP OF THE PROPOSED PIPE ELEVATION OR TO ESTABLISHED GRADE, AND COMPACTED TO 95% DENSITY PRIOR TO INSTALLATION OF THE WATER MAIN.
- TEMPORARY AND PERMANENT PAVING RESTORATION SHALL BE MADE IN ACCORDANCE WITH DISTRICT AND/OR TOWN AND/OR STATE SPECIFICATIONS.
- CHLORINATION BY INJECTION METHOD AND DECHLORINATION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL ABIDE BY THE DISTRICT'S STANDARDS FOR DISINFECTING WATER MAINS, INCLUDING PROPERLY NEUTRALIZING THE CHLORINATED WATER AND DISCHARGING THE WATER ACCORDINGLY. ALL WORK TO BE COORDINATED WITH THE METROPOLITAN DISTRICT.
- APPROVAL FOR THE WATER IS FOR THE MAIN LINE ONLY. INDIVIDUAL PERMITS FOR DOMESTIC AND FIRE SERVICES SHALL BE OBTAINED AT THE CUSTOMER SERVICE DEPARTMENT, 60 MURPHY ROAD, HARTFORD, CONNECTICUT.
- ALL WEDGE VALVES SHALL BE REMOVED UPON COMPLETION OF WATER MAINS UNLESS OTHERWISE INSTRUCTED TO REMAIN AND/OR TO BE CONVERTED.
- CONTRACTOR SHALL CALL MDC SYSTEMS REPAIR (860-278-7850 EXT. 3627) AFTER JOB CONFERENCE WITH DISTRICT TO SCHEDULE ANY REQUIRED TAPS OF MDC WATER MAINS. POSSIBLE MONETARY CHARGE IS DUE IN AN AMOUNT BASED UPON PREVAILING RATES IN EFFECT AT THE TIME OF ISSUANCE OF THE WATER SERVICE PERMIT.

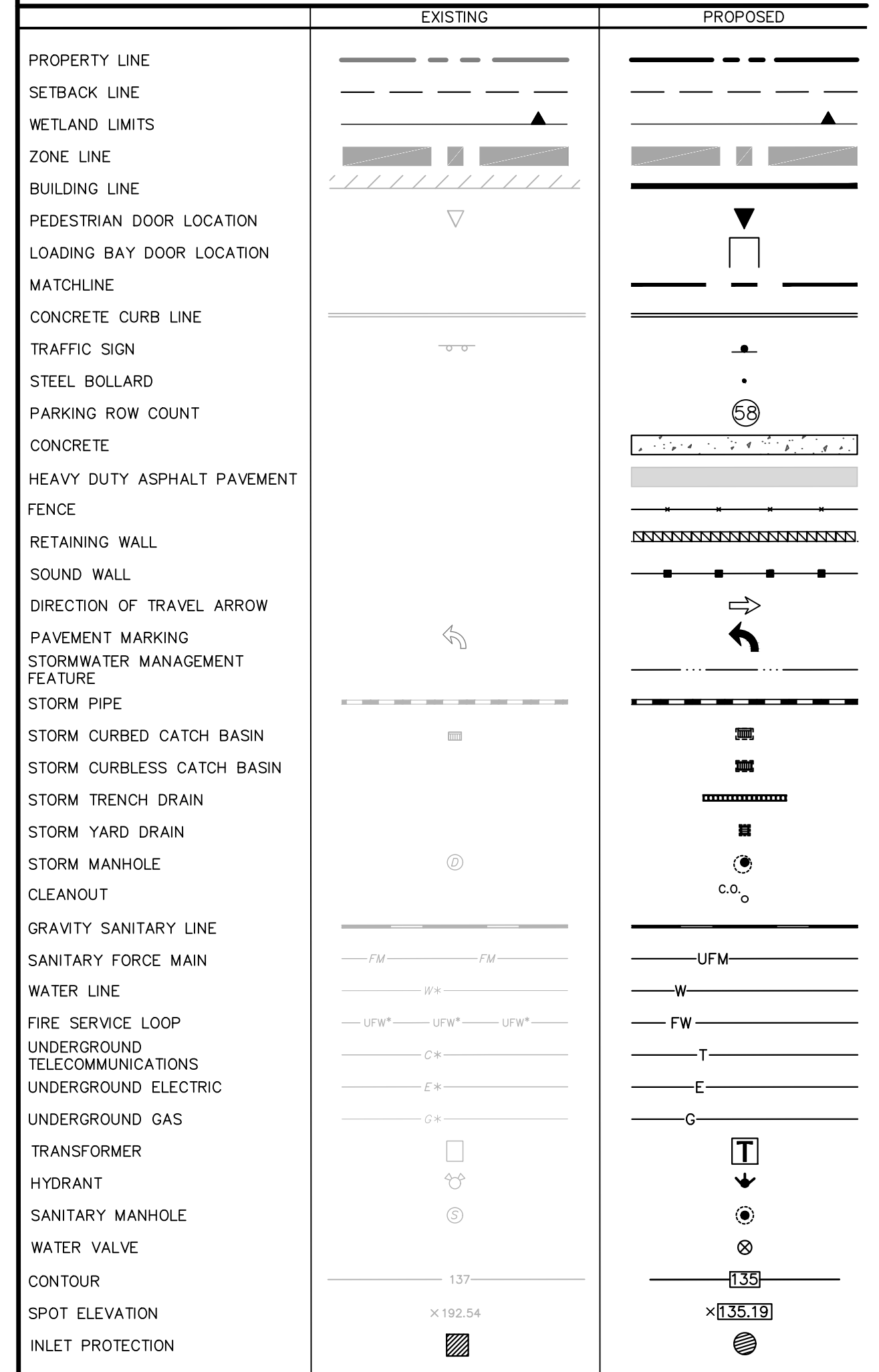
UTILITY NOTES

- GENERAL**
- THE SITE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE SITE CONTRACTOR MUST CONTACT "CALL-BEFORE-YOU-DIG" (800-922-4455) FOR THE LOCATION AND MARKING OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION. IT SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR TO RELOCATE ALL UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - THE SITE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, UTILITY LOCATIONS, AND INVERTS PRIOR TO CONSTRUCTION. ANY CONDITIONS FOUND TO DIFFER FROM THOSE SHOWN BY THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
 - THE SITE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE AND GAS SERVICE, ROOF DRAINS, AND ALL OTHER UTILITIES. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND TO ENSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO LOCATION OF AND SCHEDULING OF CONNECTIONS TO THEIR FACILITIES.
 - THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES 72 HOURS PRIOR TO BEGINNING EXCAVATION.
 - THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND ALL PAVEMENT REPAIRS REQUIRED AS A RESULT OF ANY UTILITY WORK.
- ELECTRIC, TELEPHONE & GAS**
- SITE CONTRACTOR TO COORDINATE GAS MAIN, ELECTRIC, AND TELEPHONE INSTALLATION WITH APPROPRIATE UTILITY COMPANIES.
 - SITE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 2 FEET OF COVER FOR ALL UNDERGROUND ELECTRIC, TELEPHONE AND GAS UTILITIES.

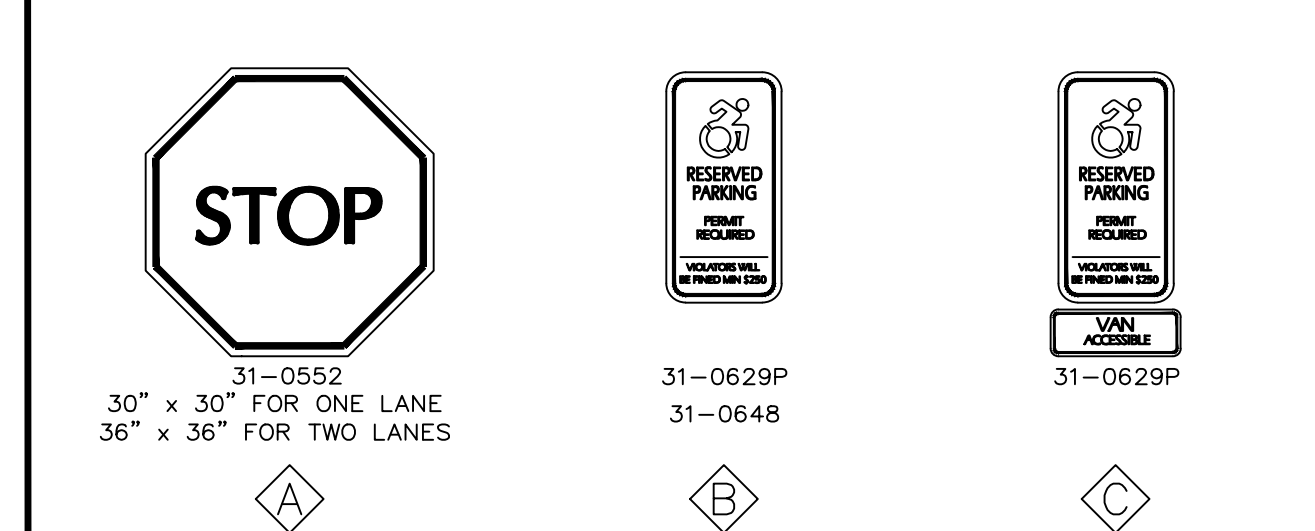
GRADING & DRAINAGE NOTES

- THE SITE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE SITE CONTRACTOR MUST CONTACT "CALL-BEFORE-YOU-DIG" (800-922-4455) FOR THE LOCATION AND MARKING OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION. IT SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR TO RELOCATE ALL UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- THE SITE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, UTILITY LOCATIONS, AND INVERTS PRIOR TO CONSTRUCTION. ANY CONDITIONS FOUND TO DIFFER FROM THOSE SHOWN ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- LOCATIONS AND ELEVATIONS OF ROOF LEADERS SHOULD BE COORDINATED WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
- CLEANOUTS SHALL BE PROVIDED FLUSH TO GRADE AT ALL LOCATIONS OF ROOF DRAIN INTERSECTIONS, BENDS AND UPSTREAM ENDS.
- ALL EXISTING STORM DRAINAGE PIPING AND STRUCTURES LOCATED WITHIN THE PROJECT SITE SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.
- ALL REQUIRED STORM LATERALS SERVING THE PROPOSED BUILDING SHALL BE COORDINATED AND CONSTRUCTED TO WITHIN FIVE FEET OF THE FOUNDATION. ANY NECESSARY EXTENSIONS, RELOCATIONS, OR CORRECTIONS WITHIN FIVE FEET OF THE BUILDING NECESSARY TO COMPLETE CONNECTION OF LATERALS TO THE BUILDING SHALL BE MADE BY THE BUILDING CONTRACTOR.
- SITE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE APPROPRIATE SIZES OF THE DRAINAGE STRUCTURES.
- THE CONTRACTOR TO INSTALL SILT SACK/INLET PROTECTION ON ALL EXISTING AND PROPOSED INLETS BEFORE COMMENCING CONSTRUCTION.
- PROVIDE WATER TIGHT JOINTS ON ALL STORM DRAINAGE PIPING.
- BASINS UTILIZED AS SEDIMENT BASINS DURING CONSTRUCTION SHALL BE CLEANED AFTER THE COMPLETION OF CONSTRUCTION TO ENSURE PROPER FUNCTIONALITY.
- CONTRACTOR TO CLEAN ENTIRE DRAINAGE SYSTEM, WHICH INCLUDES BUT IS NOT LIMITED TO PIPES, STRUCTURES, AND BASINS, OF SEDIMENT PRIOR TO PROJECT COMPLETION.

LEGEND



SIGN LEGEND



- NOTES:**
- ALL PAVEMENT MARKINGS AND SIGNS, INCLUDING HANDICAP, MUST CONFORM IN COLOR, SIZE, AND MOUNTING HEIGHT AS PUBLISHED IN THE MOST RECENT EDITION OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING & HIGHWAY OPERATIONS CATALOG OF SIGNS AND ITS ADDENDUMS (INCLUDING STOP AND FIRE LANES), CTDOT FORM 818, CTDOT STANDARDS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS. ABOVE GRADE SIGNS FOR HANDICAP SPACES MUST MEET THE SPECIFICATIONS AS PRESCRIBED BY THE STATE STATUTE AND THE STATE BUILDING CODE.
 - ALL TRAFFIC SIGNS IN TOWN RIGHT-OF-WAY TO HAVE BREAKAWAY POSTS.

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| Revisions | | |
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Project

BLUEPRINT ROBOTICS

11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title

MASTER LEGEND & NOTES

| | | | |
|-------------|------------|-------------|-------|
| Project No. | 140258101 | Drawing No. | CS002 |
| Date | 03/07/2023 | | |
| Drawn By | JMGM | | |
| Checked By | DTG | | |

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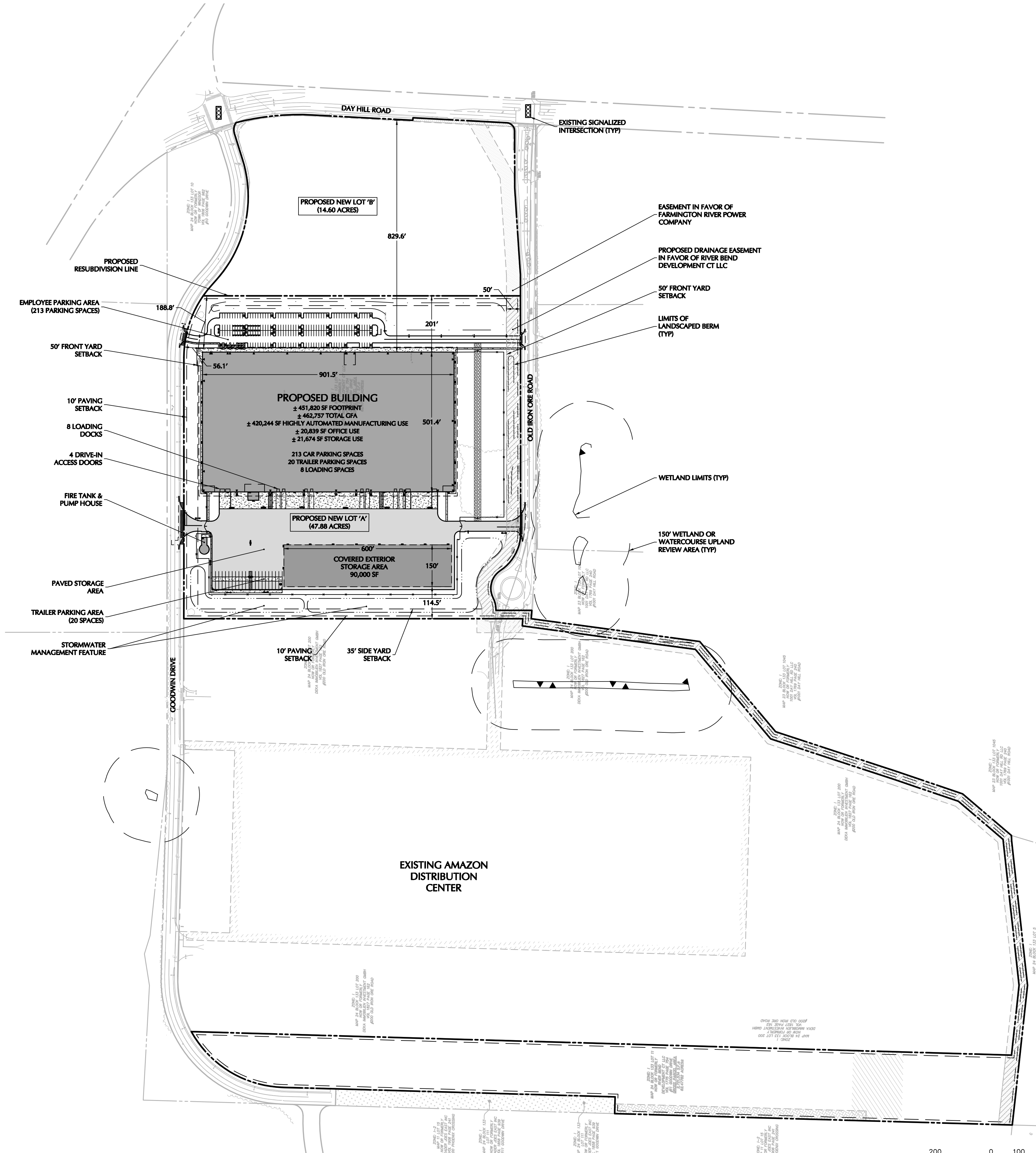
ZONING CHART

REFERENCE: TOWN OF WINDSOR ZONING REGULATIONS
 ZONE: INDUSTRIAL (I)
 PROPOSED USE: MANUFACTURING (PERMITTED, SECTION 8.4.B), OUTDOOR STORAGE (SPECIAL USE PERMIT, SECTION 8.6.B),
 SIGNATURE BUILDING (SPECIAL USE PERMIT, SECTION 8.2.F)

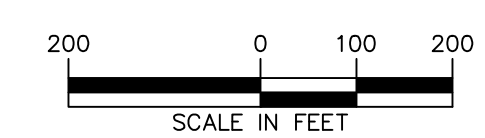
| ITEM | REQUIRED | PROPOSED | PROPOSED WITH RESERVE PARKING ¹ | SECTION |
|---|--|--|--|---------|
| LOT/BUILDING | | | | |
| MINIMUM LOT AREA | 4 ACRES | ±47.88 ACRES | ±47.88 ACRES | 8.1 |
| MINIMUM FRONT YARD | 50 FT | ±56.1 FT | ±56.1 FT | 8.1 |
| MINIMUM SIDE YARD | 35 FT | ±114.5 FT | ±188.8 FT | 8.1 |
| MINIMUM REAR YARD | 35 FT | N/A | N/A | 8.1 |
| MAXIMUM BUILDING COVERAGE | 33-1/3% | ±26.1% ² | ±21.8% ² | 8.1 |
| MAXIMUM IMPERVIOUS COVERAGE | 50% | ±40.5% ³ | ±40.8% ³ | 14.1.6 |
| MINIMUM LOT WIDTH | 180 FT | ±1,159 FT | ±1,159 FT | 8.1 |
| MAXIMUM BUILDING HEIGHT | 60 FT | 41'-7" | 41'-7" | 8.1 |
| PARKING/LOADING | | | | |
| MINIMUM NUMBER OF PARKING SPACES ⁴ | PROPOSED CONDITION: TOTAL GROSS FLOOR AREA (GFA): 462,757 SF HIGHLY AUTOMATED MANUFACTURING (GFA = 420,244 SF) 1 SPACE/600 SF 420,244/600 = 700.4 SPACES OFFICE (GFA = 20,839 SF) 1 SPACE/300 SF 20,839/300 = 69.5 SPACES STORAGE (GFA = 21,674 SF) 1 SPACE/1,000 SF 21,674/1,000 = 21.7 SPACES TOTAL REQUIRED SPACES = 700.4 + 69.5 + 21.7 = 792 SPACES REQUIRED NUMBER OF PARKING SPACES TO BE CONSTRUCTED = 0.25 X 792 SPACES = 198 SPACES REQUIRED NUMBER OF DEFERRED PARKING SPACES = 0.75 X 792 SPACES = 594 SPACES | 812 CAR SPACES (213 TO BE CONSTRUCTED, 599 TO BE RESERVED FOR FUTURE USE, INCLUDES 61 DEFERRED ELECTRIC VEHICLE CHARGING SPACES) ⁴ | 3.3.5G | |
| MINIMUM LOADING SPACES | 4 LOADING SPACES | 8 LOADING SPACES | 8 LOADING SPACES | 3.4.2A |

ZONING NOTES:

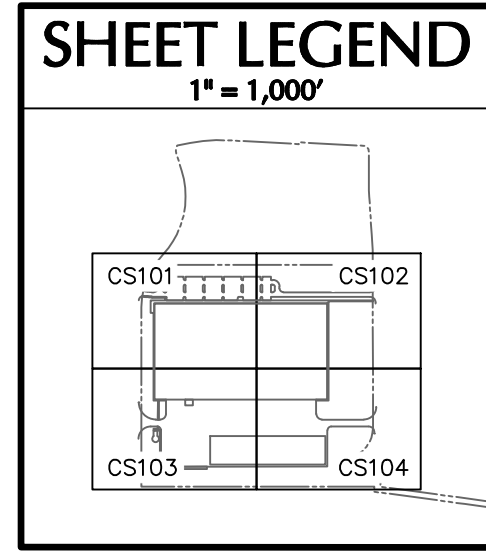
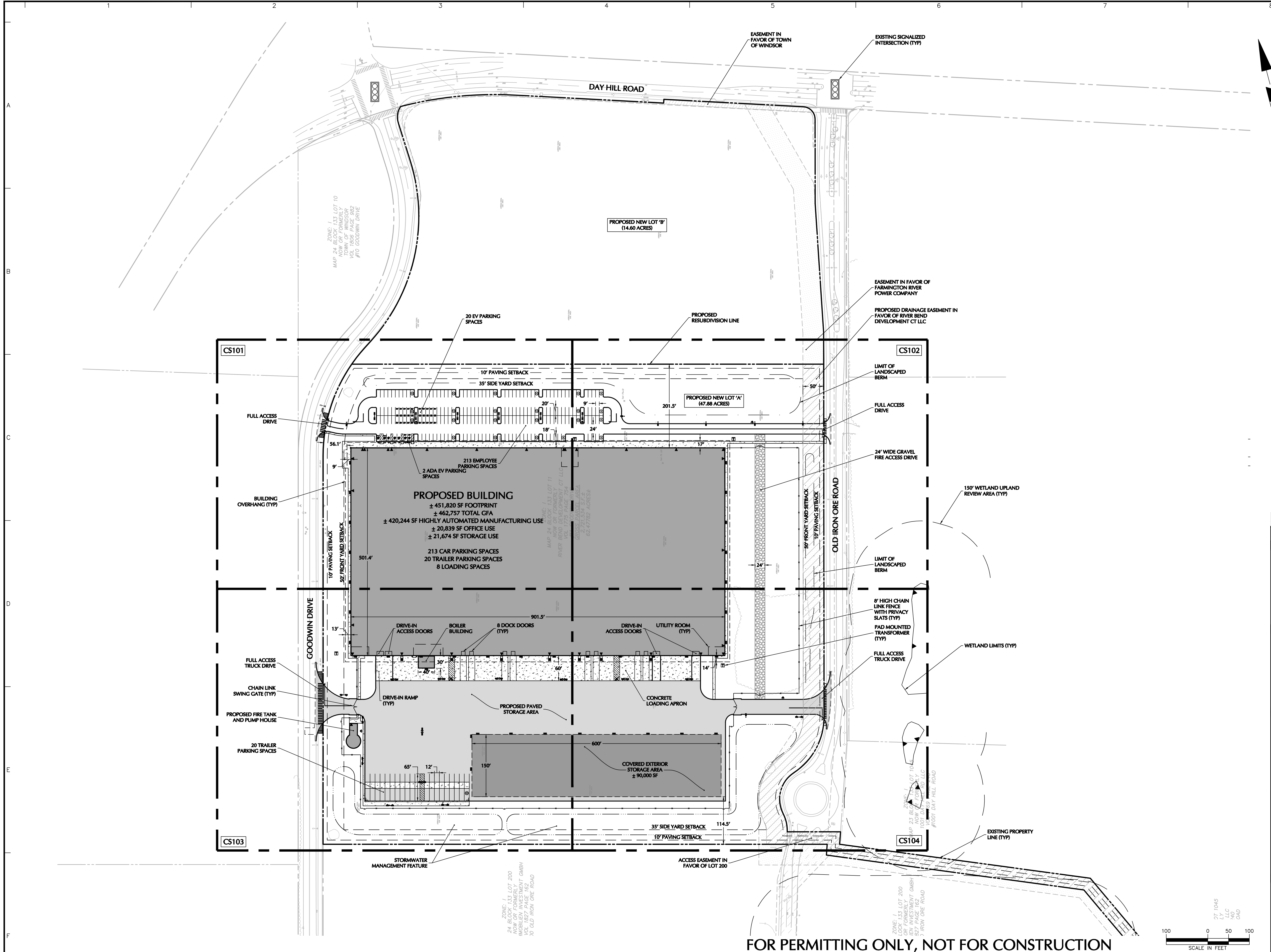
- REFER TO CS200 SERIES FOR LAYOUT OF RESERVE PARKING SPACES.
- PROPOSED CONDITION BUILDING COVERAGE = (451,820 + 90,000 + 1,537 + 1,200 SF)/2,085,583 SF = 26.1%.
 PROPOSED CONDITION WITH RESERVE PARKING BUILDING COVERAGE = (451,820 + 1,537 + 1,200 SF)/2,085,583 = 21.8%
- PER SECTION 14.1.6, THE AREA COVERED BY ROOFS AND BY PAVING FOR VEHICLE PARKING, LOADING, OR CIRCULATION IN ANY DEVELOPMENT SHALL NOT EXCEED ONE-HALF OF THE TOTAL SITE AREA. SIDEWALKS, TRAILS AND OTHER PEDESTRIAN IMPROVEMENTS SHALL BE EXCLUDED FROM THIS CALCULATION.
 PROPOSED CONDITION IMPERVIOUS COVERAGE = 844,035 SF/2,085,581 SF = 40.5%.
 PROPOSED CONDITION WITH RESERVE PARKING IMPERVIOUS COVERAGE = 850,510 SF/2,085,581 SF = 40.8%
- PER SECTION 3.3.1.H(2), UP TO 50% OF THE TOTAL REQUIRED SPACES MAY BE DEFERRED IN RESERVE PARKING, EXCEPT THAT FOR BUILDINGS HOUSING COMPUTER EQUIPMENT AND OPERATIONS, HIGHLY AUTOMATED MANUFACTURING, AND WAREHOUSE USES, THIS DEFERRED PERCENTAGE MAY BE INCREASED TO 75 PERCENT. THE PROPOSED AMOUNT OF RESERVED PARKING FOR THIS PROJECT IS APPROXIMATELY 73%. REFER TO CS200 SERIES FOR LAYOUT OF RESERVE PARKING SPACES.
- PARKING CALCULATIONS ASSUME A COMBINATION OF HIGHLY AUTOMATED MANUFACTURING, OFFICE, AND STORAGE USES. THESE AREAS WERE PROVIDED BY BERGMAYER ON 04/03/2023.
- PER SECTION 8.2.3.F, IN ORDER TO PROVIDE FOR DESIGN FLEXIBILITY TO ACCOMMODATE A SIGNATURE ARCHITECTURAL AND/OR LEED CERTIFIED BUILDING, THE COMMISSION MAY, BY SPECIAL USE, REDUCE OR ELIMINATE THE MINIMUM MASONRY, BRICK, CUT STONE, OR PRE-CAST CONCRETE STANDARDS IN SUBSECTION A, AND THE FLAT ROOF STANDARDS IN SUBSECTION E. THE PROPOSED FACILITY IS INTENDED TO BE A SIGNATURE BUILDING. REFER TO ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION. THE DISTANCE BETWEEN THE PROPOSED BUILDING AND THE DAY HILL ROAD RIGHT-OF-WAY IS ±829.6 FEET, THEREFORE THE REQUIREMENTS OUTLINED IN SECTION 14.2.3 DO NOT APPLY TO THIS APPLICATION.



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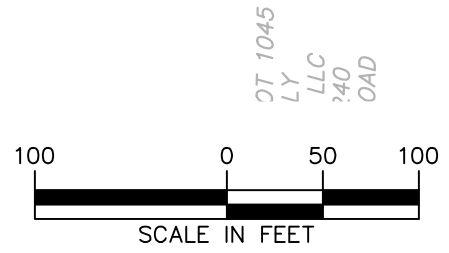


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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| ZONING PLAN | | |
| Project No. | Drawing No. | |
| 140258101 | CS003 | |
| Date | | |
| 01/20/2023 | | |
| Drawn By | Checked By | |
| IJAB | DTG | |



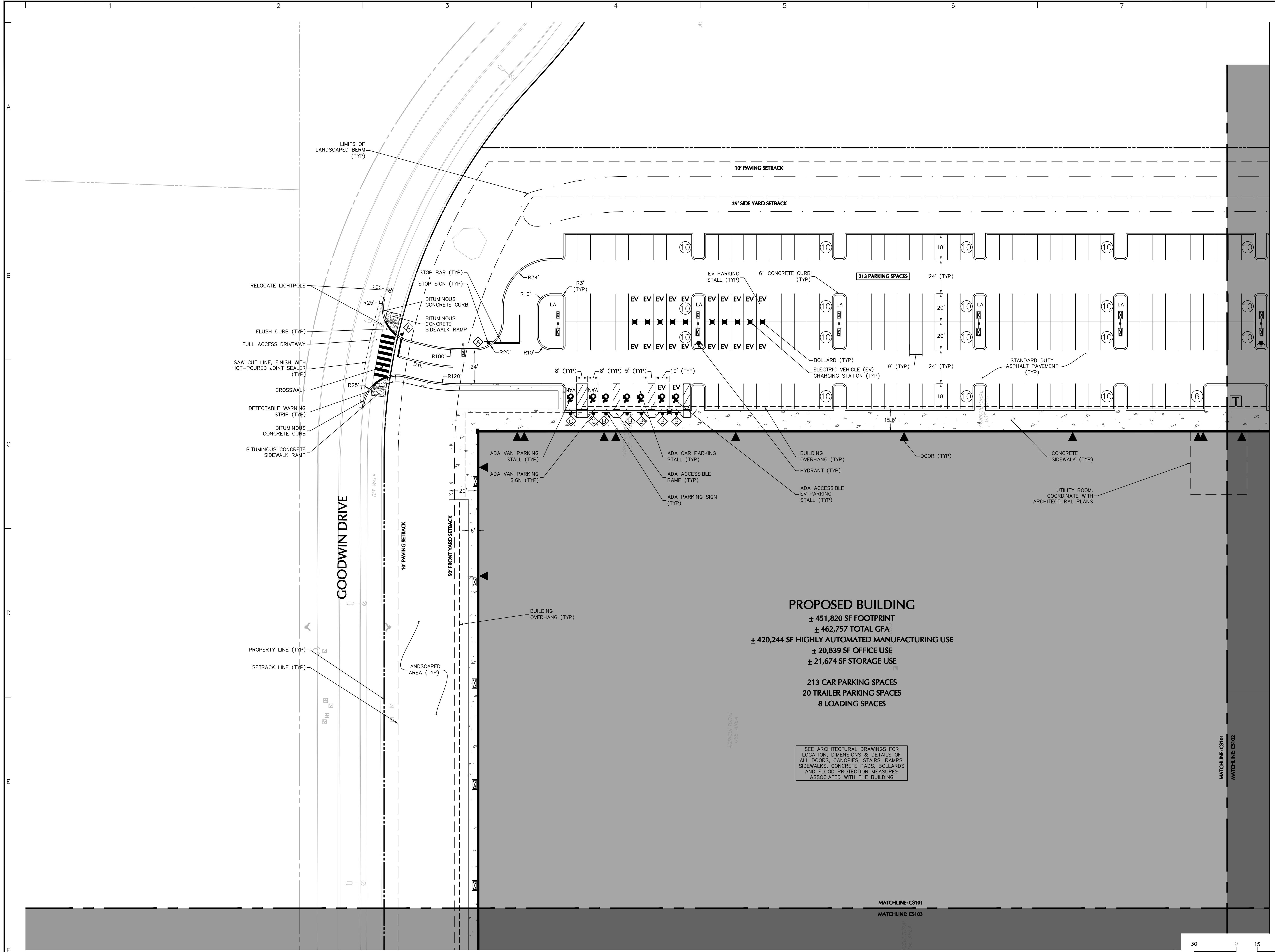
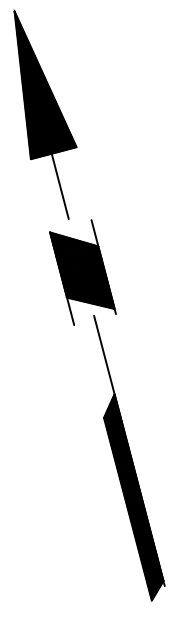
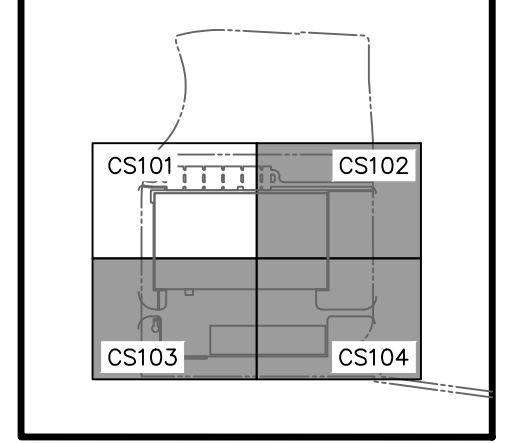
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| Drawing Title | | |
| OVERALL SITE PLAN | | |
| Project No. | Drawing No. | |
| 140258101 | CS100 | |
| Date | 01/20/2023 | |
| Drawn By | CMD | |
| Checked By | DTG | |

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Project No. 140258101

SHEET LEGEND
1" = 1,000'



PROPOSED BUILDING
 ± 451,820 SF FOOTPRINT
 ± 462,757 TOTAL GFA
 ± 420,244 SF HIGHLY AUTOMATED MANUFACTURING USE
 ± 20,839 SF OFFICE USE
 ± 21,674 SF STORAGE USE

213 CAR PARKING SPACES
 20 TRAILER PARKING SPACES
 8 LOADING SPACES

SEE ARCHITECTURAL DRAWINGS FOR LOCATION, DIMENSIONS & DETAILS OF ALL DOORS, CANOPIES, STAIRS, RAMPS, SIDEWALKS, CONCRETE PADS, BOLLARDS AND FLOOD PROTECTION MEASURES ASSOCIATED WITH THE BUILDING

| Date | Description | No. |
|------|-------------|-----|
|------|-------------|-----|

Revisions

Signature: *[Signature]* Date: _____

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Project

BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title

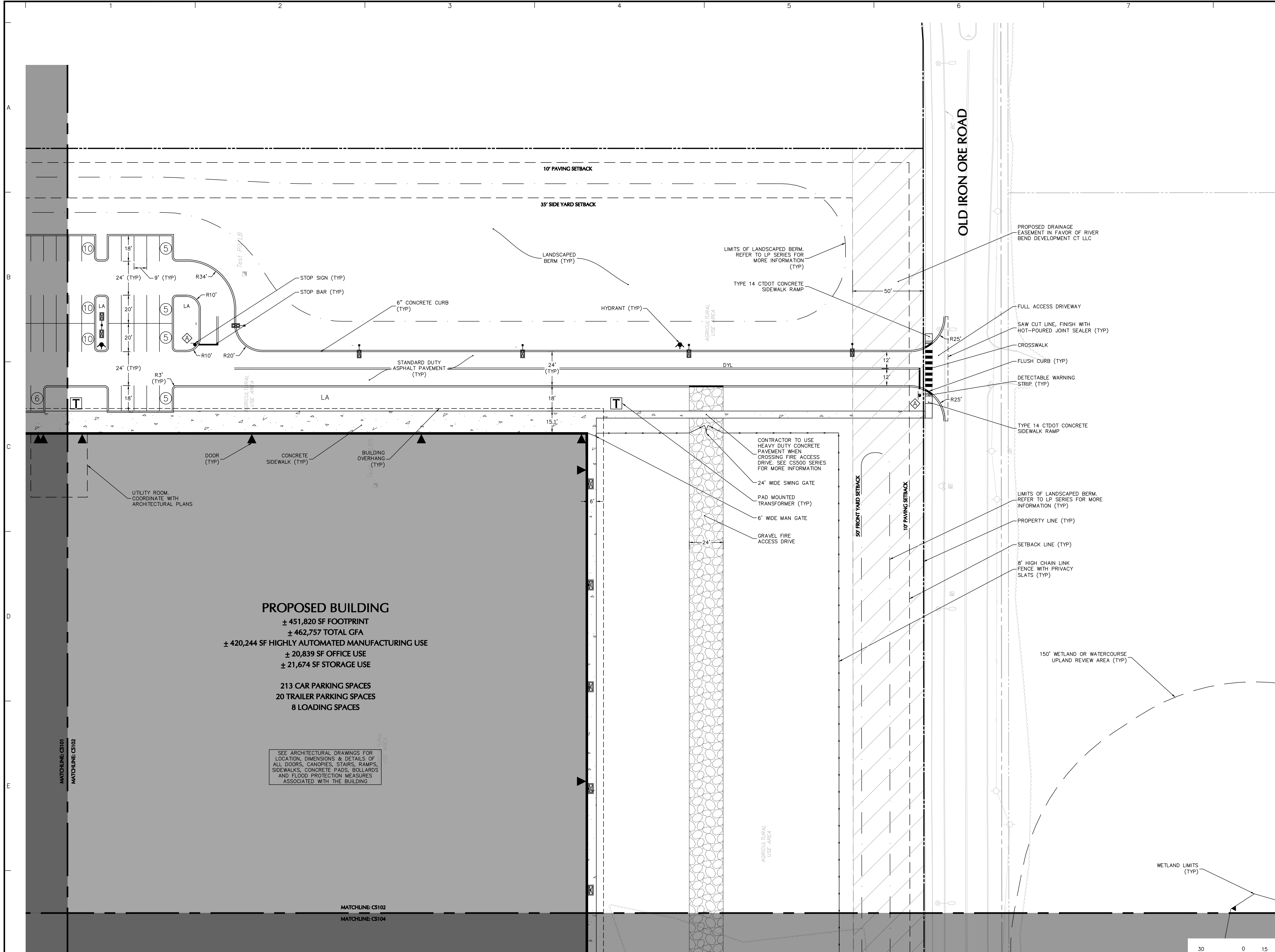
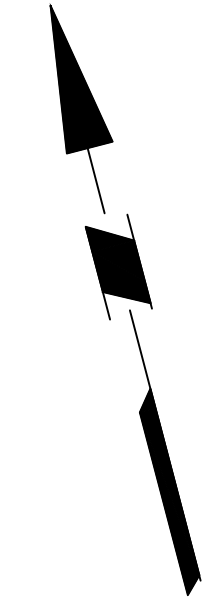
SITE PLAN I

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CS101 |
| Date 01/20/2023 | |
| Drawn By CMD | |
| Checked By DTG | |



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213 CAR PARKING SPACES
 20 TRAILER PARKING SPACES
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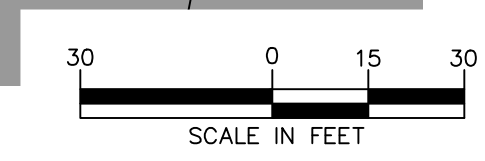
SEE ARCHITECTURAL DRAWINGS FOR LOCATION, DIMENSIONS & DETAILS OF ALL DOORS, CANOPIES, STAIRS, RAMPS, SIDEWALKS, CONCRETE PADS, BOLLARDS AND FLOOD PROTECTION MEASURES ASSOCIATED WITH THE BUILDING

| Date | Description | No. |
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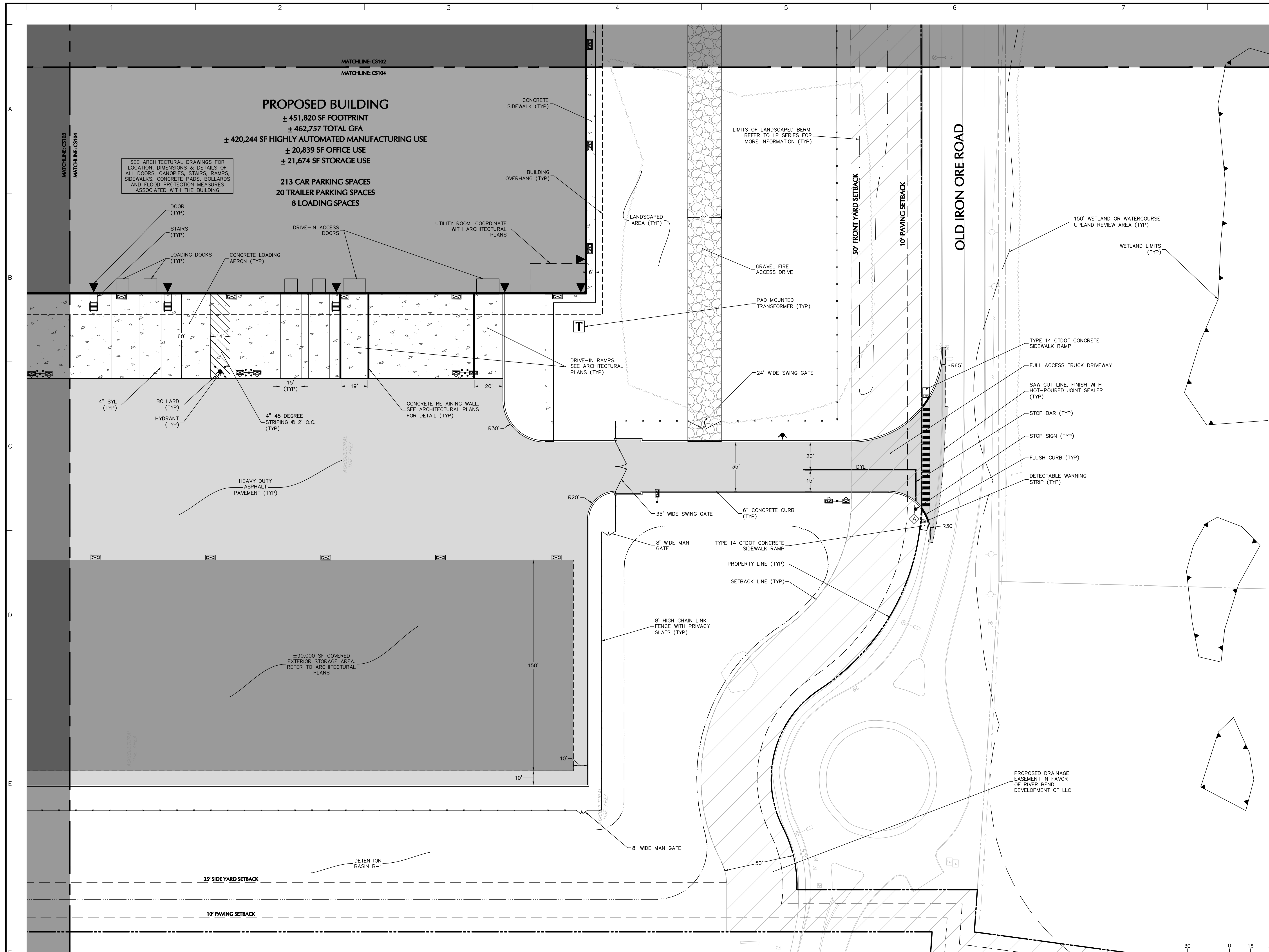
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Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE WINDSOR CONNECTICUT
 Drawing Title
SITE PLAN II

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CS102 |
| Date 01/20/2023 | |
| Drawn By IJAB | |
| Checked By DTG | |



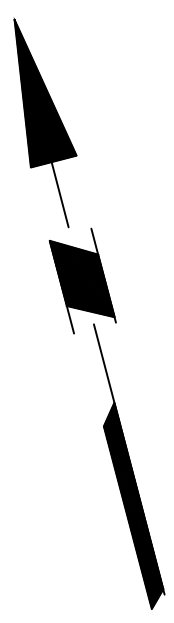
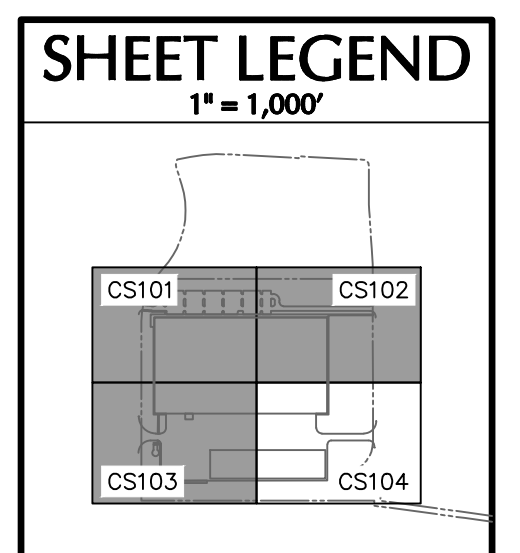
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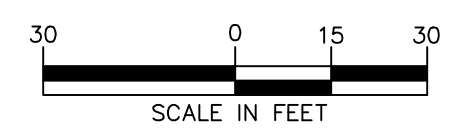
SEE ARCHITECTURAL DRAWINGS FOR LOCATION, DIMENSIONS & DETAILS OF ALL DOORS, CANOPIES, STAIRS, RAMPS, SIDEWALKS, CONCRETE PADS, BOLLARDS AND FLOOD PROTECTION MEASURES ASSOCIATED WITH THE BUILDING

PROPOSED BUILDING
 ± 451,820 SF FOOTPRINT
 ± 462,757 TOTAL GFA
 ± 420,244 SF HIGHLY AUTOMATED MANUFACTURING USE
 ± 20,839 SF OFFICE USE
 ± 21,674 SF STORAGE USE

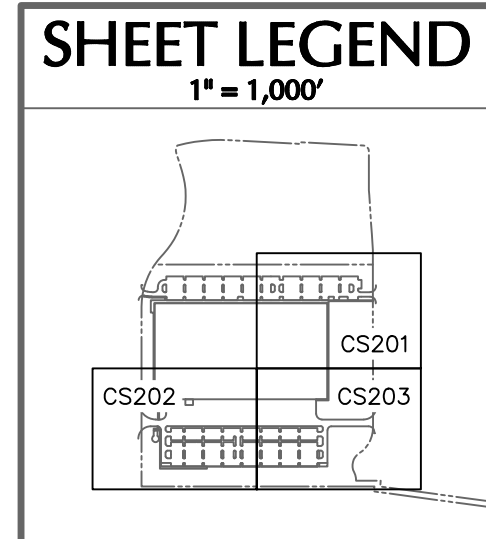
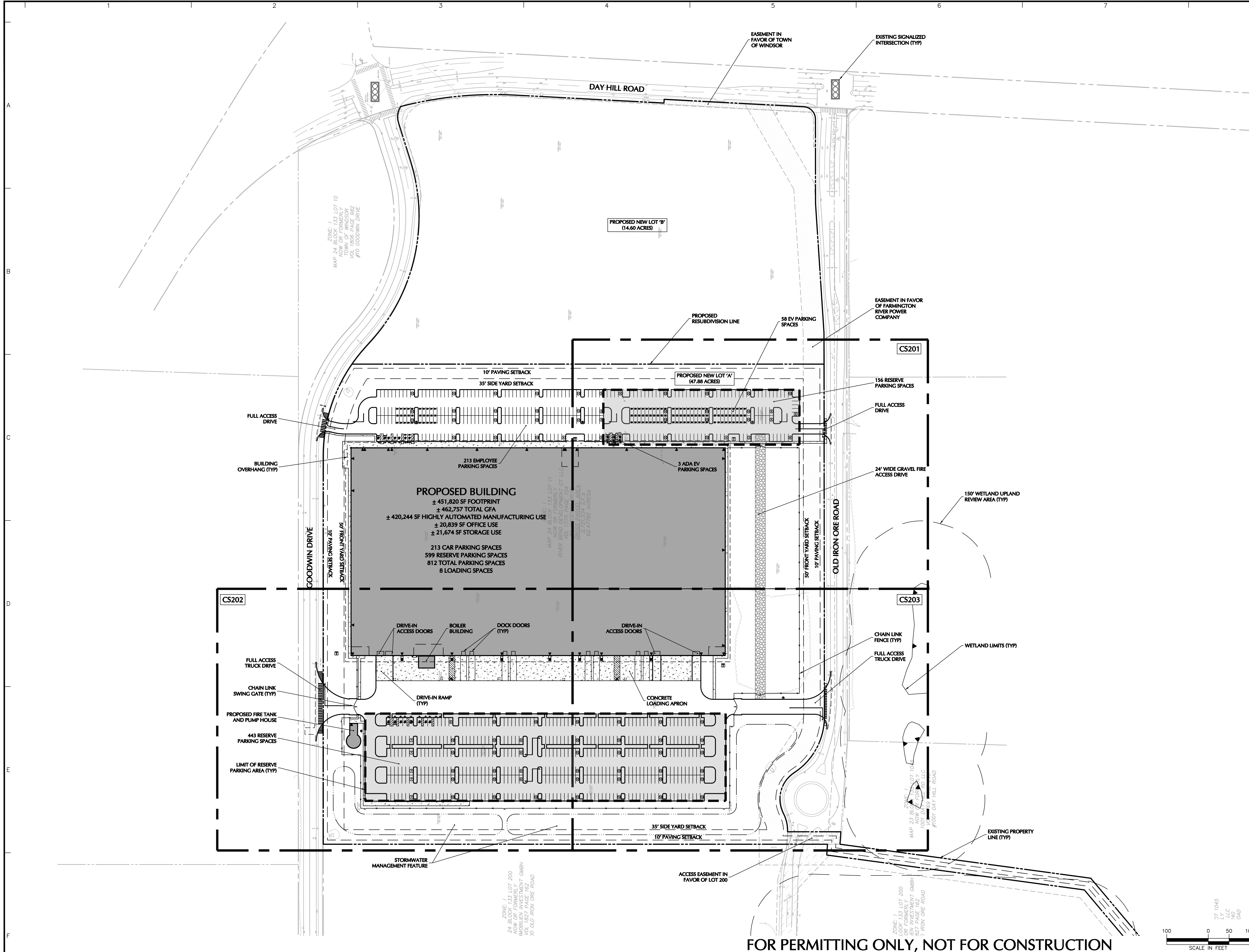
213 CAR PARKING SPACES
20 TRAILER PARKING SPACES
8 LOADING SPACES



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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| SITE PLAN IV | | |
| Project No. | Drawing No. | |
| 140258101 | CS104 | |
| Date | | |
| 01/20/2023 | | |
| Drawn By | | |
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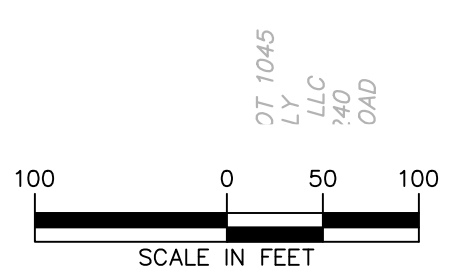
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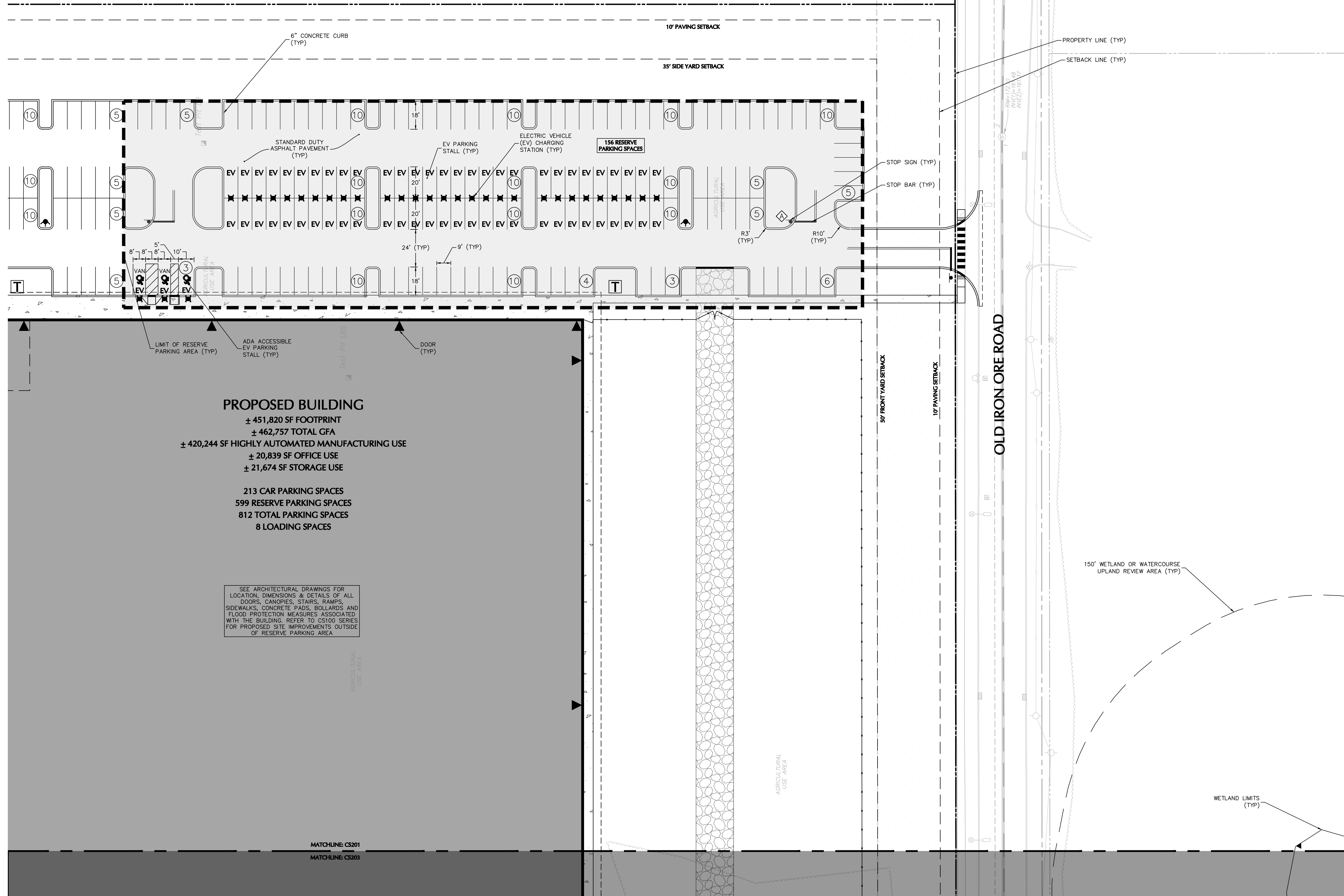
Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title
**OVERALL SITE PLAN
 RESERVE PARKING
 CONDITION**

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|-------------|--------------|
| Project No. | Drawing No. |
| 140258101 | CS200 |
| Date | |
| 01/20/2023 | |
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| IJAB | |
| Checked By | |
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1" = 1,000'



PROPOSED BUILDING
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 ± 462,757 TOTAL GFA
 ± 420,244 SF HIGHLY AUTOMATED MANUFACTURING USE
 ± 20,839 SF OFFICE USE
 ± 21,674 SF STORAGE USE

213 CAR PARKING SPACES
 599 RESERVE PARKING SPACES
 812 TOTAL PARKING SPACES
 8 LOADING SPACES

SEE ARCHITECTURAL DRAWINGS FOR LOCATION, DIMENSIONS & DETAILS OF ALL DOORS, CANOPIES, STAIRS, RAMPS, SIDEWALKS, CONCRETE PADS, BOLLARDS AND FLOOD PROTECTION MEASURES ASSOCIATED WITH THE BUILDING REFER TO CS100 SERIES FOR PROPOSED SITE IMPROVEMENTS OUTSIDE OF RESERVE PARKING AREA

| Date | Description | No. |
|-----------|-------------|------|
| Revisions | | |
| | | |
| Signature | | Date |

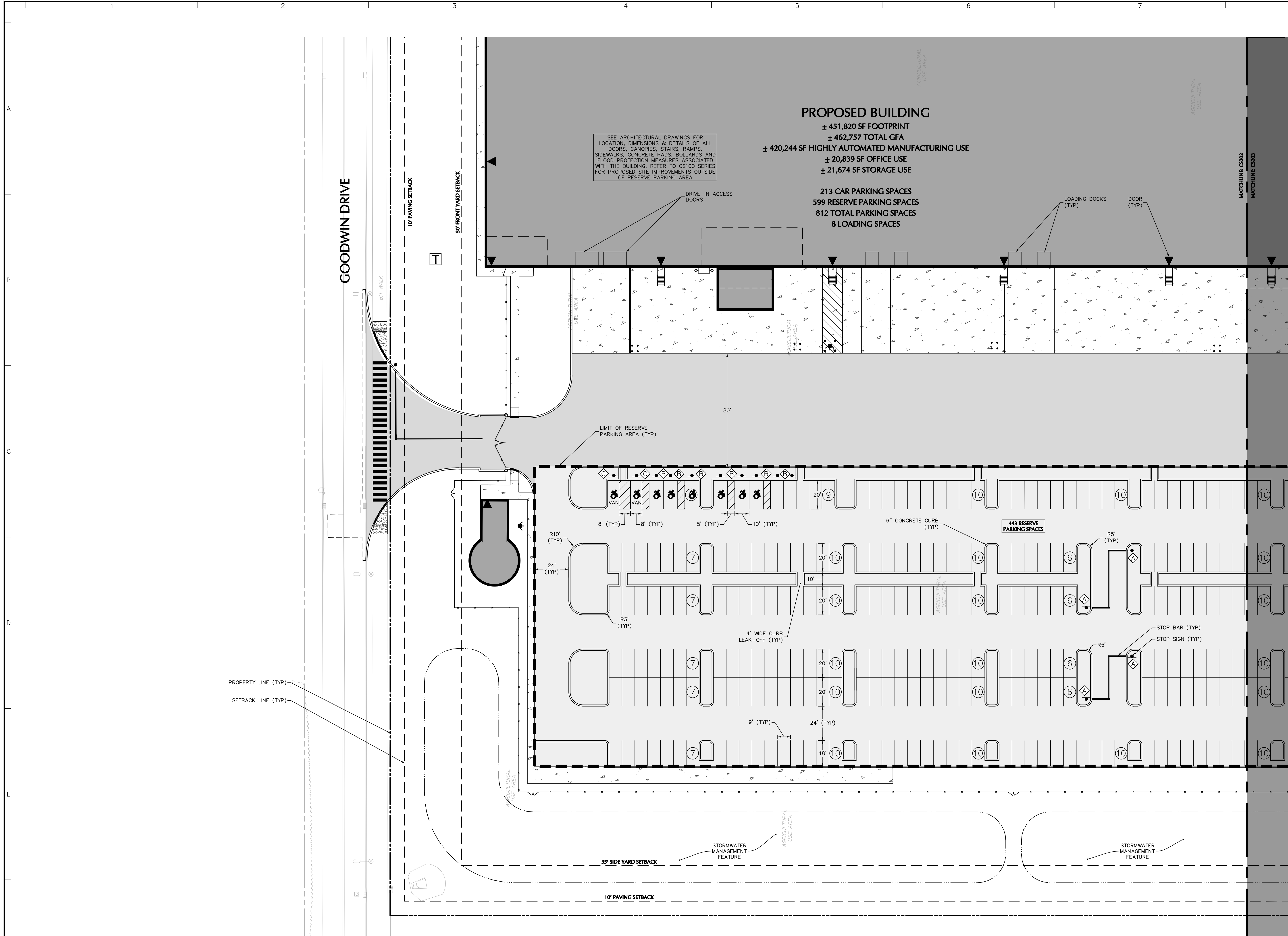
LANGAN
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 555 Long Wharf Drive
 New Haven, CT 06511
 T: 203.562.5771 F: 203.789.6142 www.langan.com

Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title
**SITE PLAN I
 RESERVE PARKING
 CONDITION**

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CS201 |
| Date 03/03/2023 | |
| Drawn By JMGM | |
| Checked By DTG | |



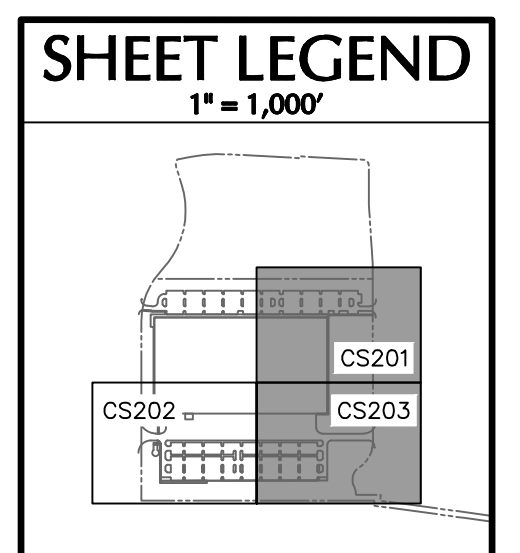
FOR PERMITTING ONLY, NOT FOR CONSTRUCTION



SEE ARCHITECTURAL DRAWINGS FOR LOCATION, DIMENSIONS & DETAILS OF ALL DOORS, CANOPIES, STAIRS, RAMPS, SIDEWALKS, CONCRETE PADS, BOLLARDS AND FLOOD PROTECTION MEASURES ASSOCIATED WITH THE BUILDING. REFER TO CS100 SERIES FOR PROPOSED SITE IMPROVEMENTS OUTSIDE OF RESERVE PARKING AREA.

PROPOSED BUILDING
 ± 451,820 SF FOOTPRINT
 ± 462,757 TOTAL GFA
 ± 420,244 SF HIGHLY AUTOMATED MANUFACTURING USE
 ± 20,839 SF OFFICE USE
 ± 21,674 SF STORAGE USE

213 CAR PARKING SPACES
 599 RESERVE PARKING SPACES
 812 TOTAL PARKING SPACES
 8 LOADING SPACES



| Date | Description | No. |
|------|-------------|-----|
|------|-------------|-----|

Revisions

Signature: *[Signature]* Date: _____

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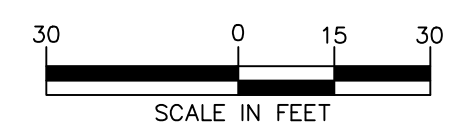
Project: _____

BLUEPRINT ROBOTICS

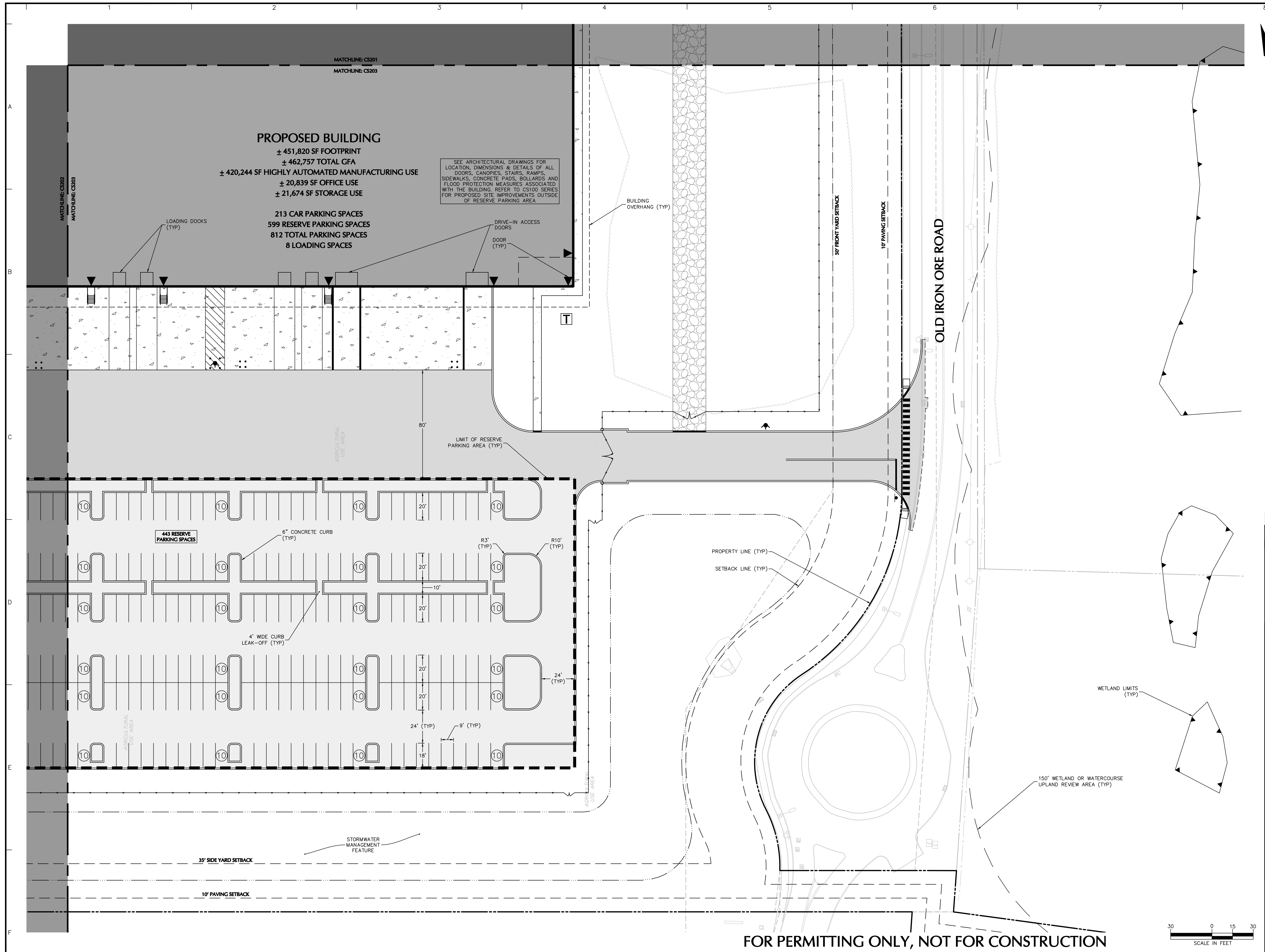
11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title

**SITE PLAN II
 RESERVE PARKING
 CONDITION**

| | |
|--------------------------|----------------------|
| Project No. 140258101 | Drawing No. CS202 |
| Date 03/03/2023 | |
| Drawn By JMGM | |
| Checked By DTG | |



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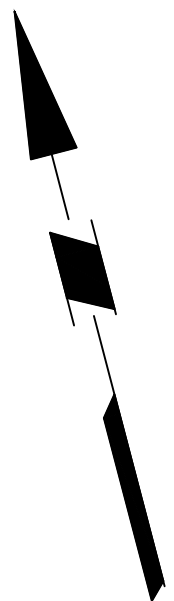
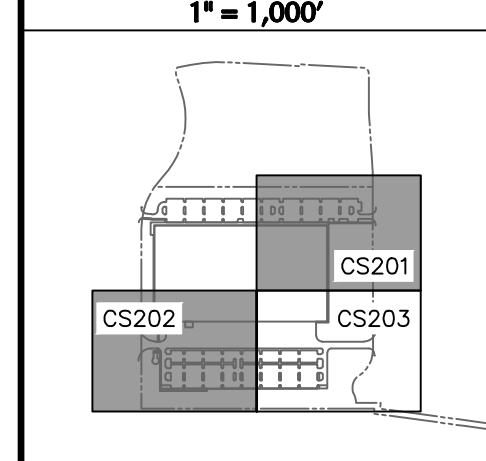
PROPOSED BUILDING

± 451,820 SF FOOTPRINT
 ± 462,757 TOTAL GFA
 ± 420,244 SF HIGHLY AUTOMATED MANUFACTURING USE
 ± 20,839 SF OFFICE USE
 ± 21,674 SF STORAGE USE

213 CAR PARKING SPACES
 599 RESERVE PARKING SPACES
 812 TOTAL PARKING SPACES
 8 LOADING SPACES

SEE ARCHITECTURAL DRAWINGS FOR LOCATION, DIMENSIONS & DETAILS OF ALL DOORS, CANOPIES, STAIRS, RAMPS, SIDEWALKS, CONCRETE PADS, BOLLARDS AND FLOOD PROTECTION MEASURES ASSOCIATED WITH THE BUILDING. REFER TO CS100 SERIES FOR PROPOSED SITE IMPROVEMENTS OUTSIDE OF RESERVE PARKING AREA

SHEET LEGEND

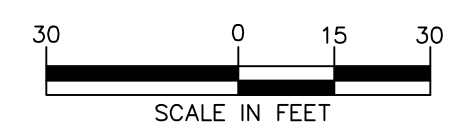


| Date | Description | No. |
|-----------|-------------|------|
| Revisions | | |
| | | |
| Signature | | Date |

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Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title
**SITE PLAN III
 RESERVE PARKING
 CONDITION**

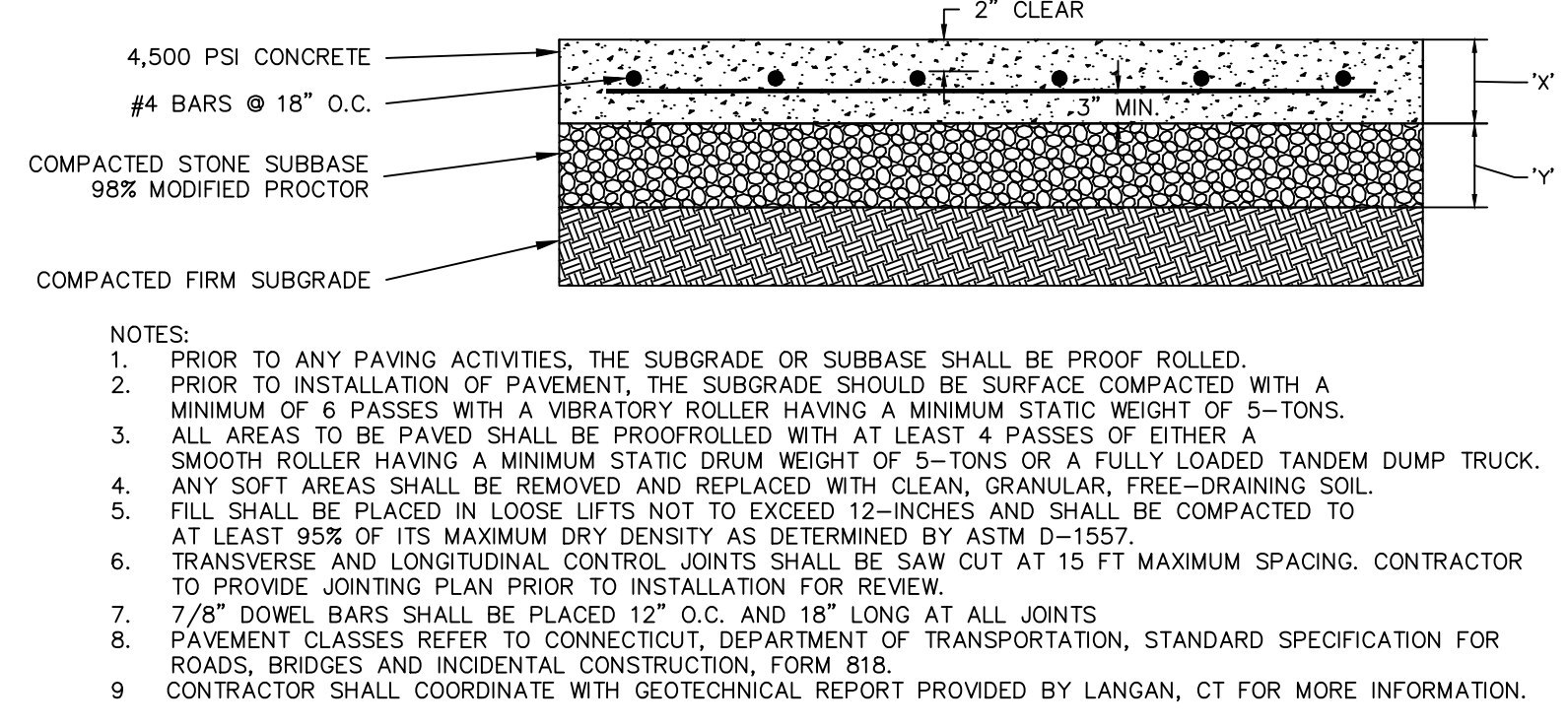
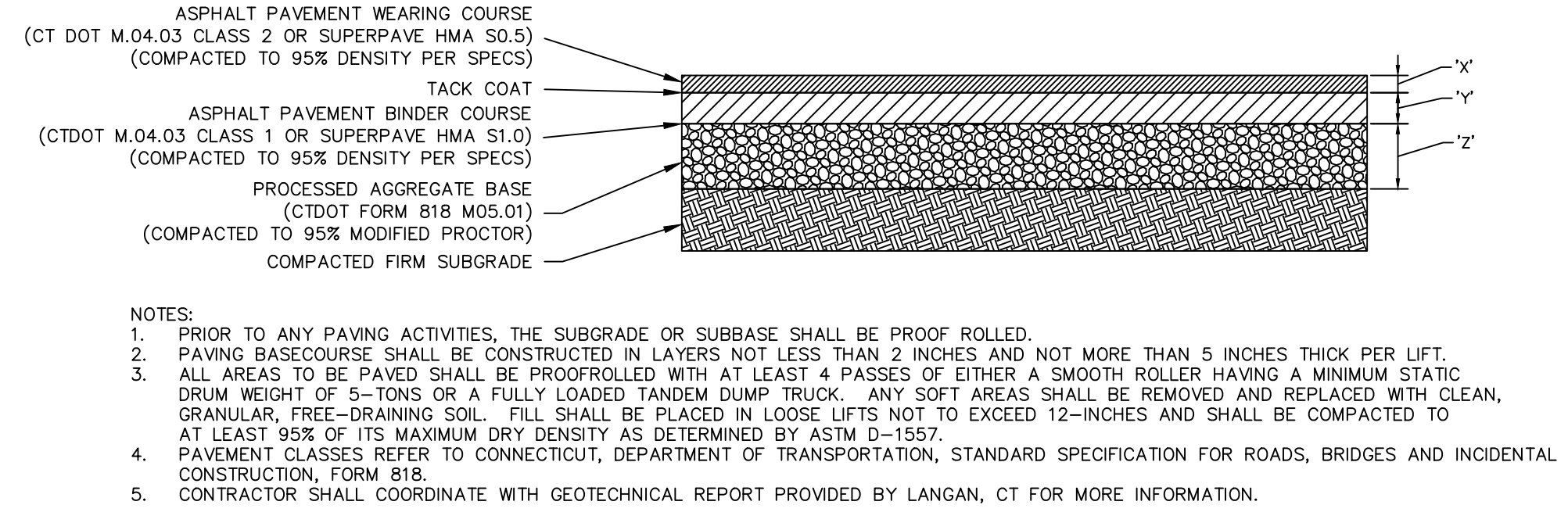
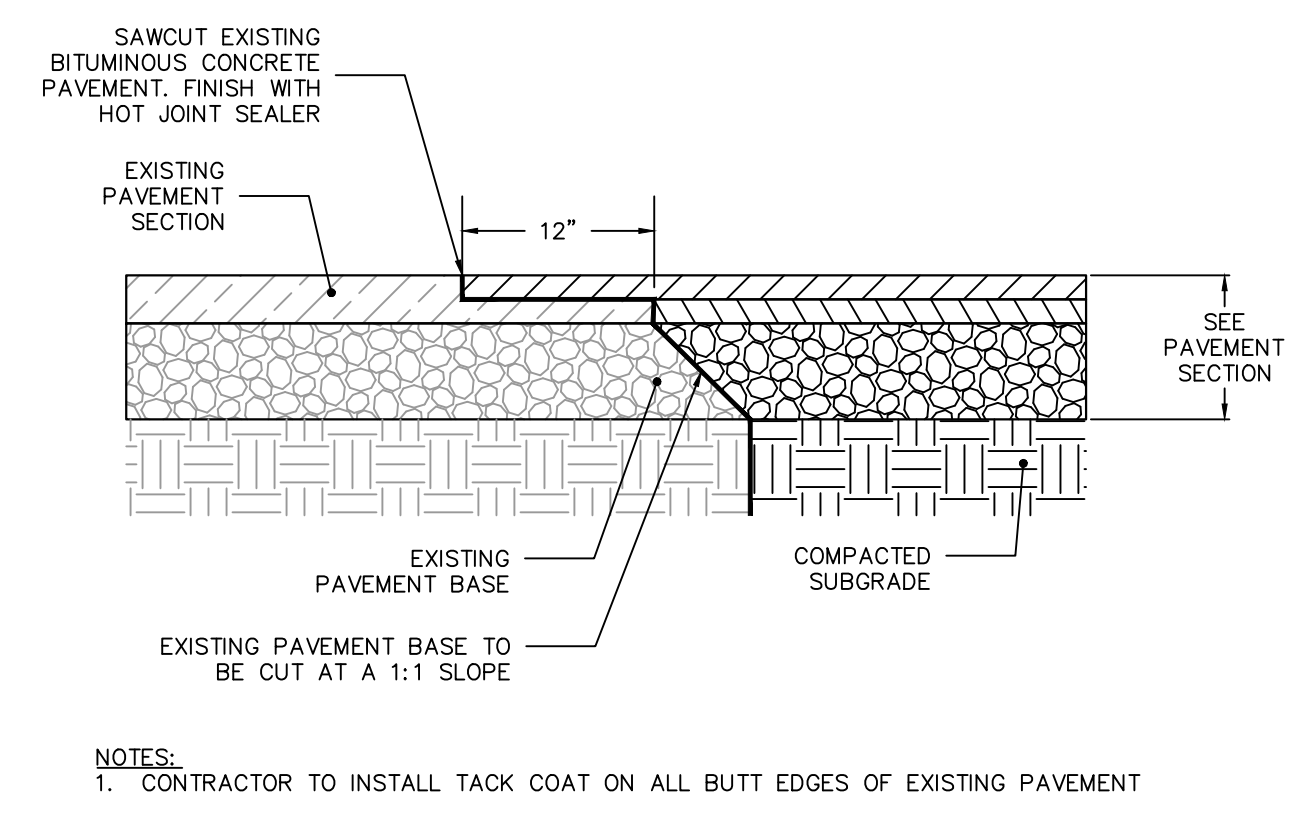
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| Project No. 140258101 | Drawing No. CS203 |
| Date 04/10/2023 | |
| Drawn By JMGM | |
| Checked By DTG | |



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| ASPHALT SECTION | SURFACE COURSE - 'X' | BINDER COURSE - 'Y' | SUBBASE - 'Z' |
|-----------------|----------------------|---------------------|---------------|
| STANDARD DUTY | 1.5 INCHES | 2.5 INCHES | 6 INCHES |
| HEAVY DUTY | 1.5 INCHES | 3.0 INCHES | 8 INCHES |

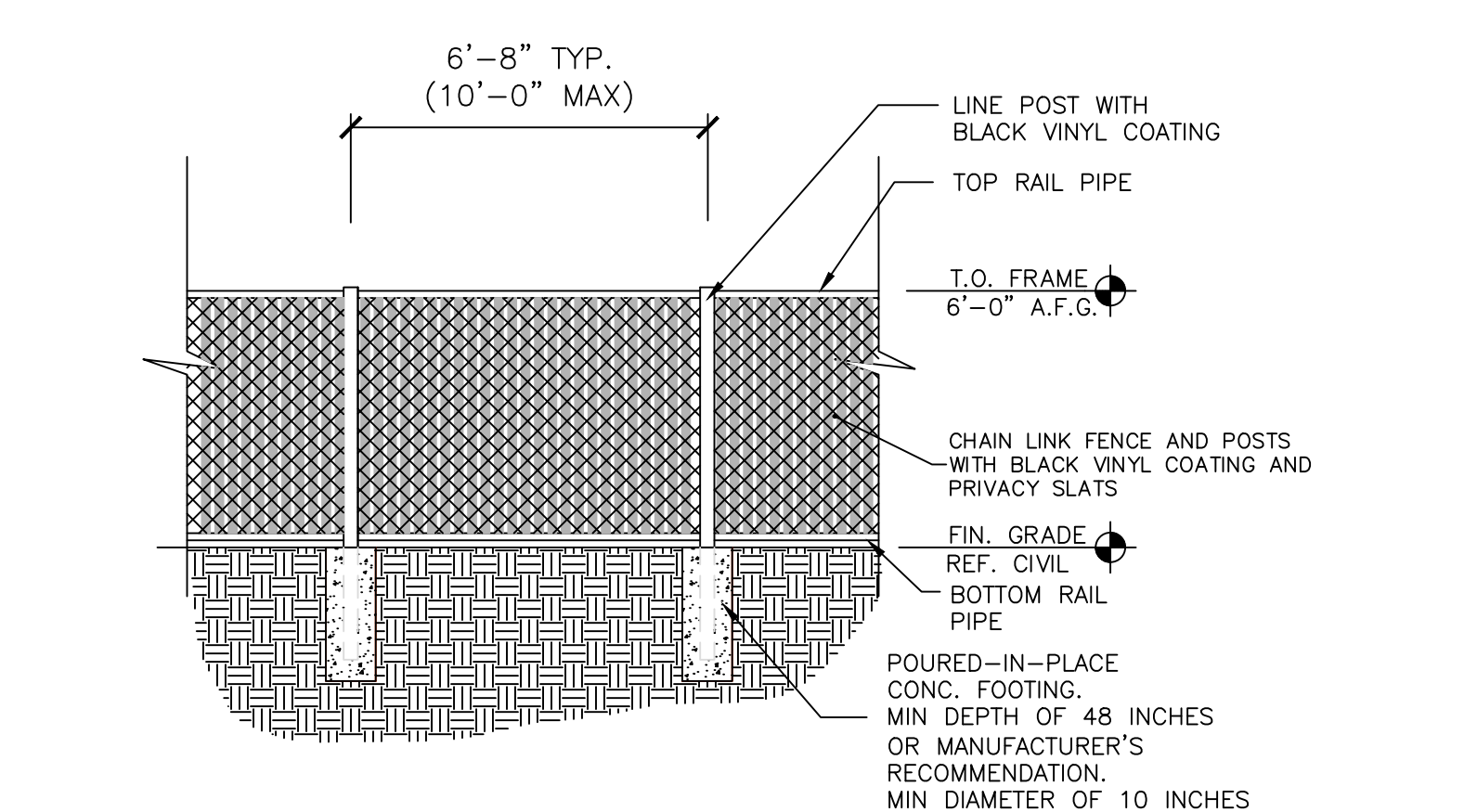
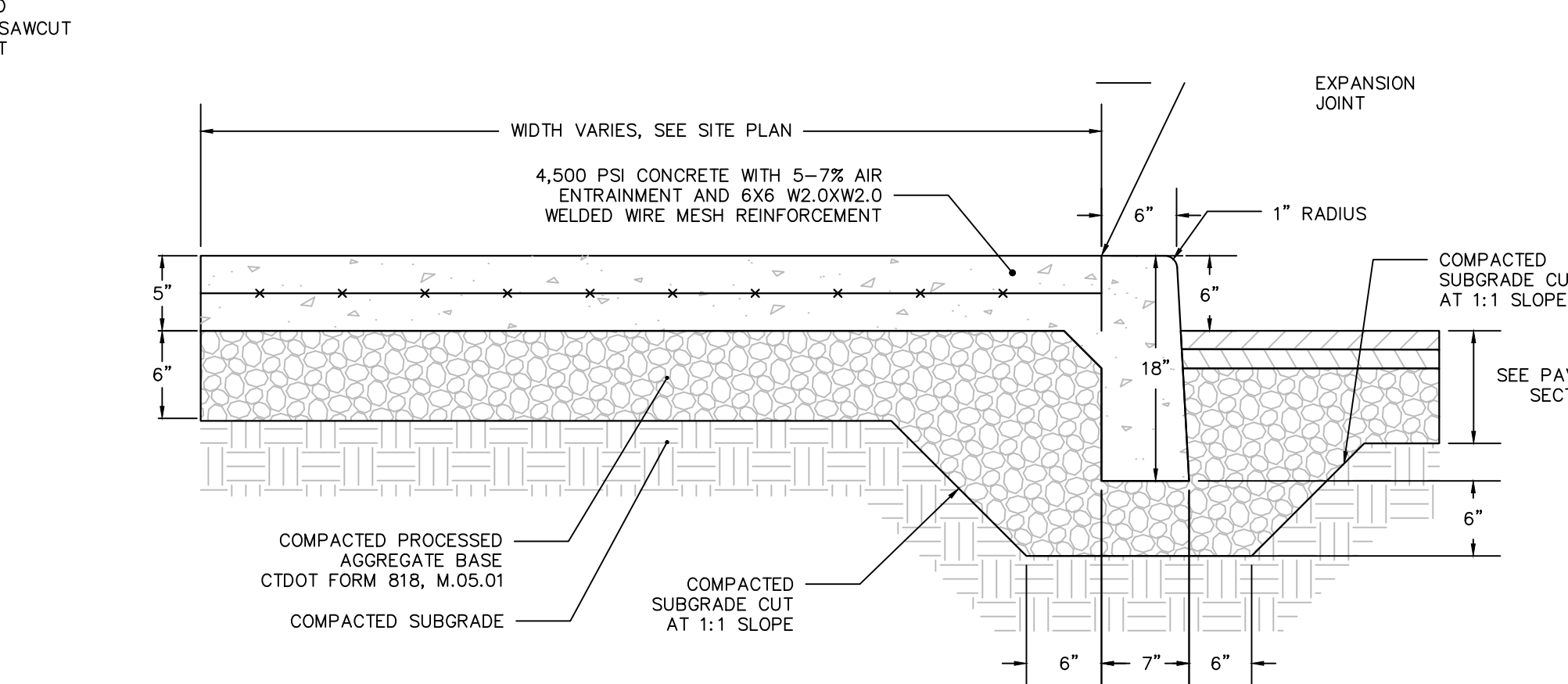
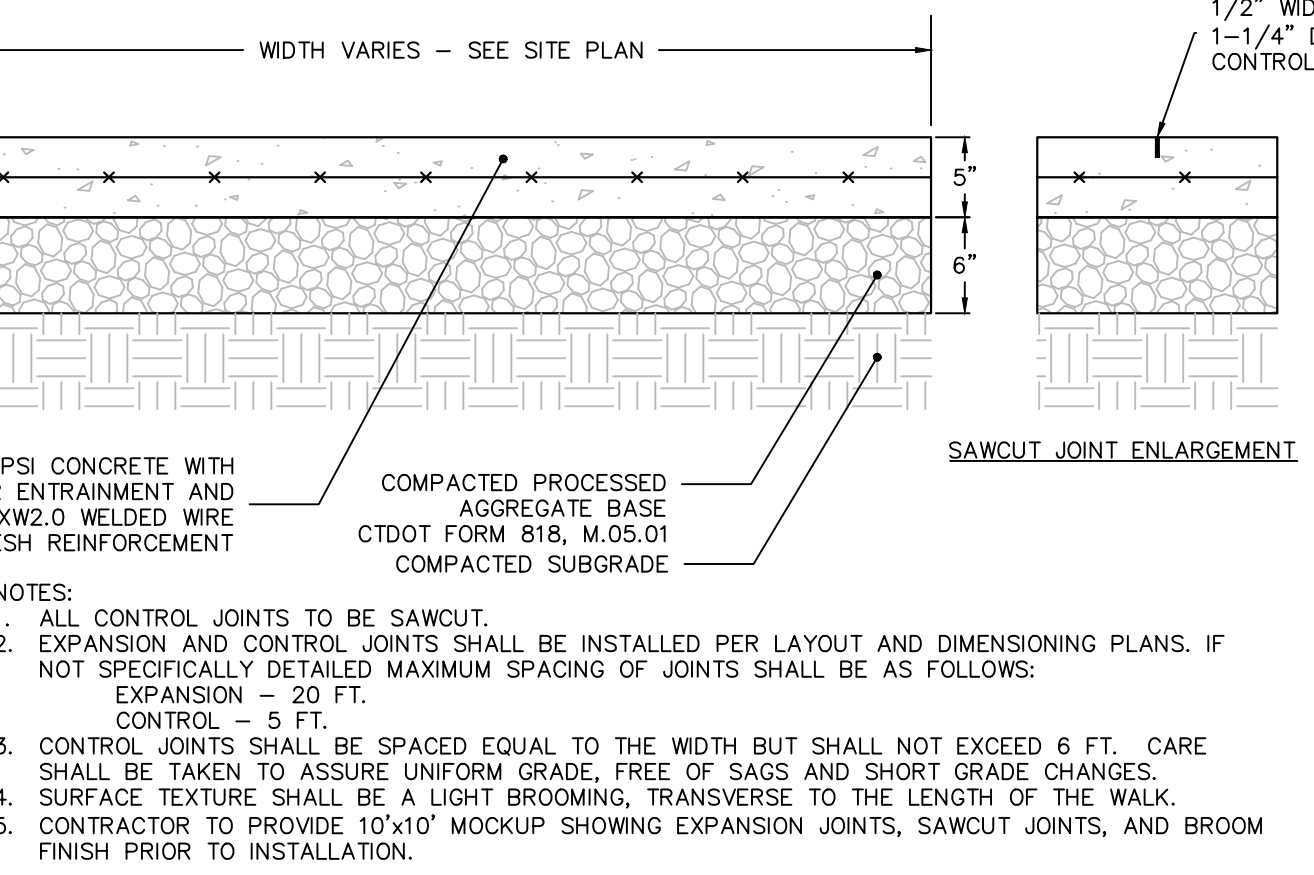
| CONCRETE SECTION | SURFACE COURSE - 'X' | SUBBASE - 'Y' | REINFORCEMENT |
|------------------|----------------------|---------------|--------------------|
| HEAVY DUTY | 7 INCHES | 6 INCHES | #4 BARS @ 18" O.C. |



1 SAW CUT PAVEMENT SECTION
N.T.S.

2 ON-SITE ASPHALT PAVEMENT SECTION
N.T.S.

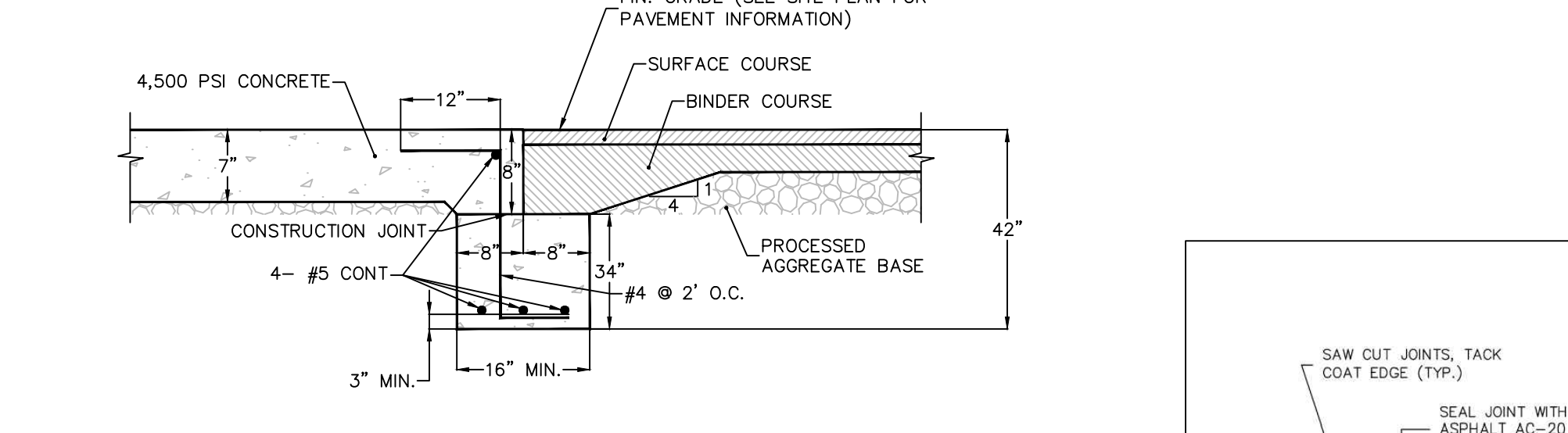
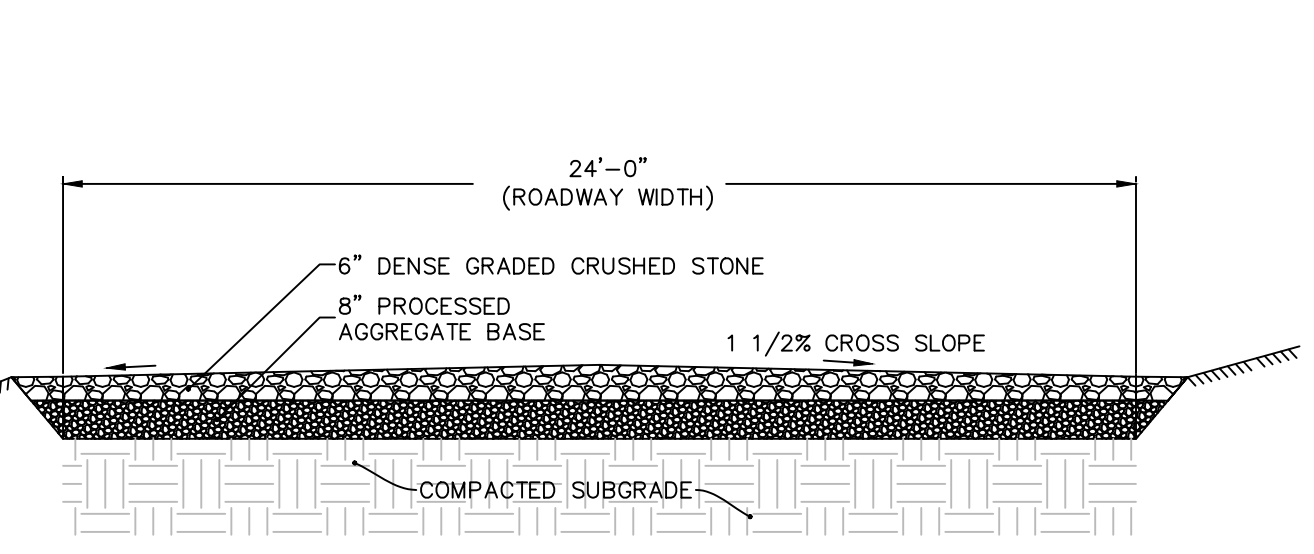
3 ON-SITE CONCRETE PAVEMENT SECTION
N.T.S.



4 ON-SITE CONCRETE SIDEWALK
N.T.S.

5 ON-SITE CONCRETE CURB/SIDEWALK
N.T.S.

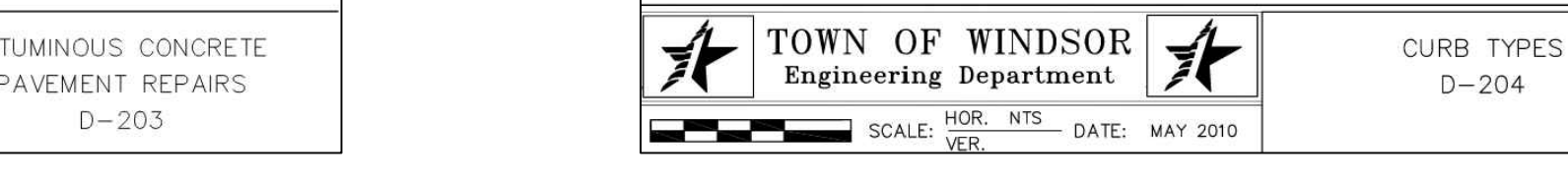
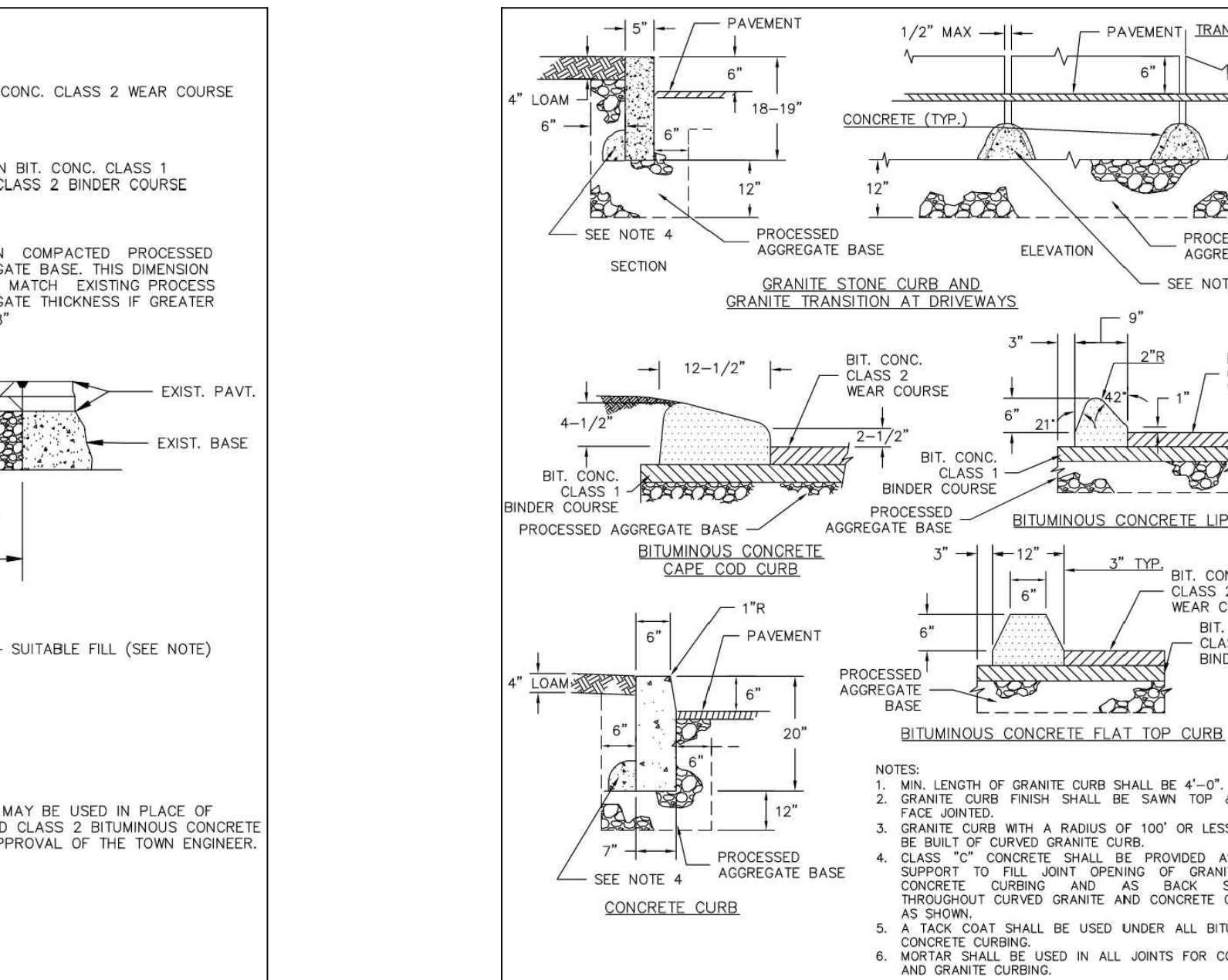
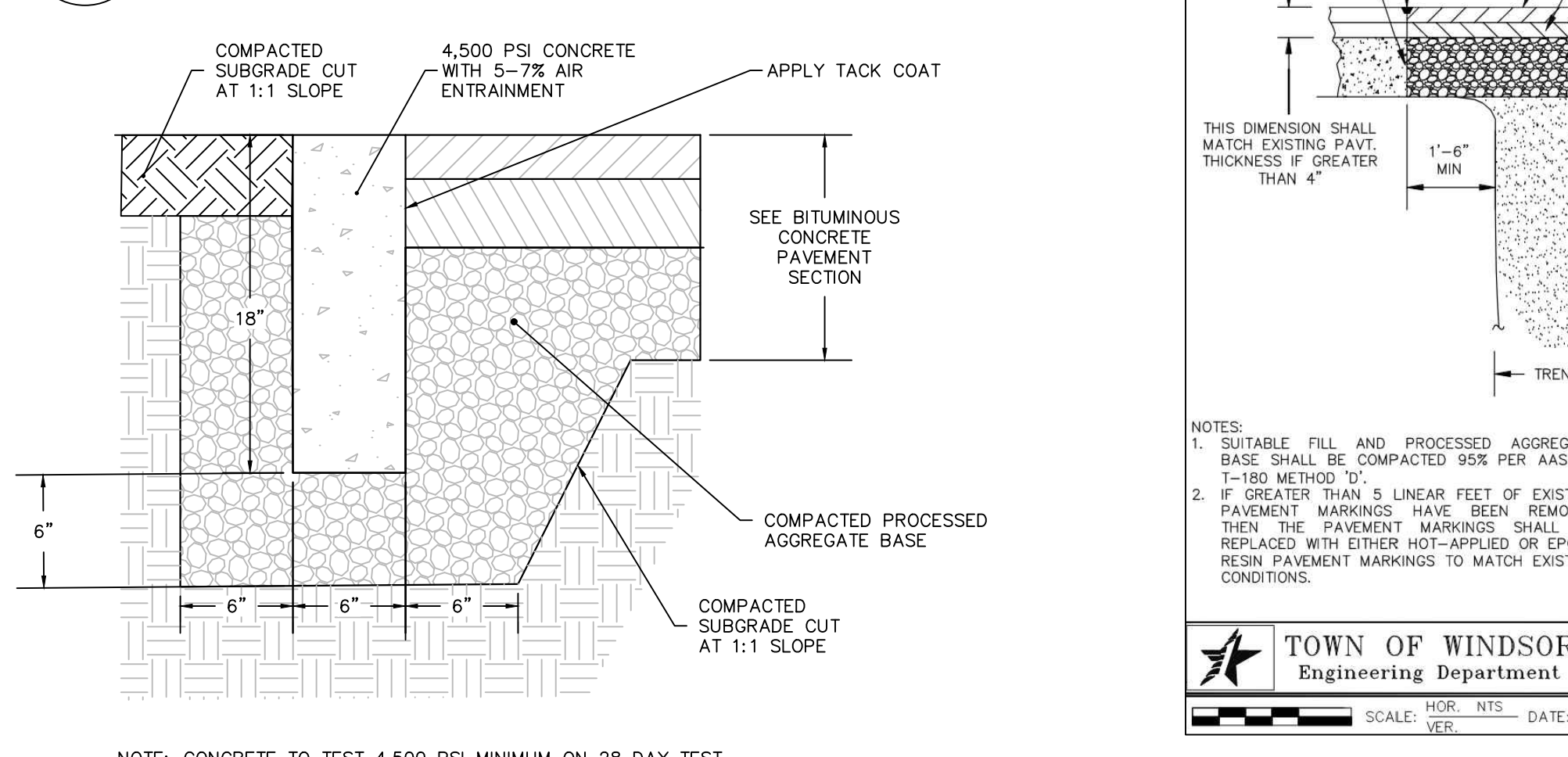
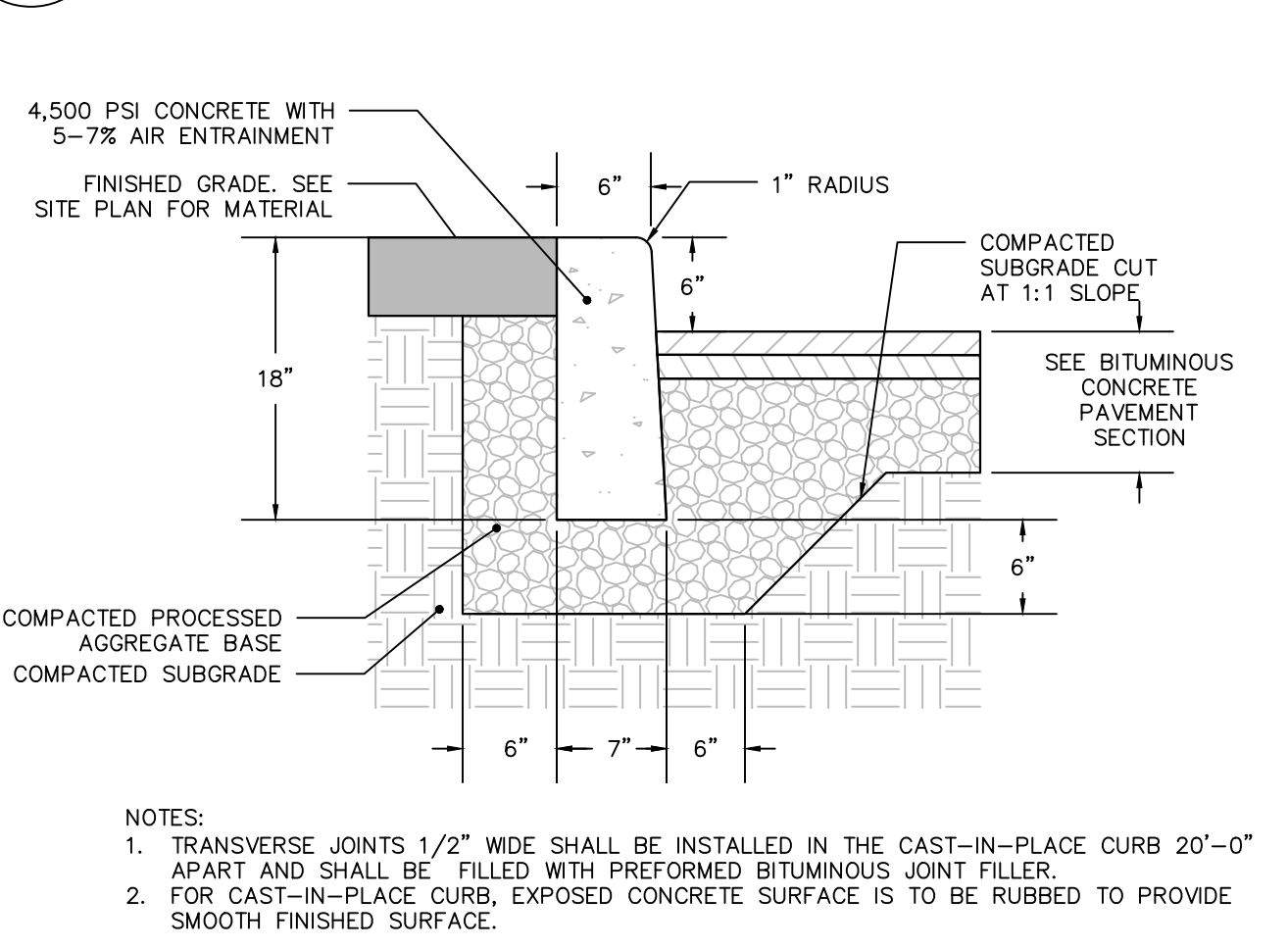
6 6 FT CHAIN LINK FENCE
N.T.S.



6 6 FT CHAIN LINK FENCE
N.T.S.

7 EMERGENCY FIRE ACCESS DRIVE
N.T.S.

8 ON-SITE ASPHALT/CONCRETE JOINT DETAIL
N.T.S.

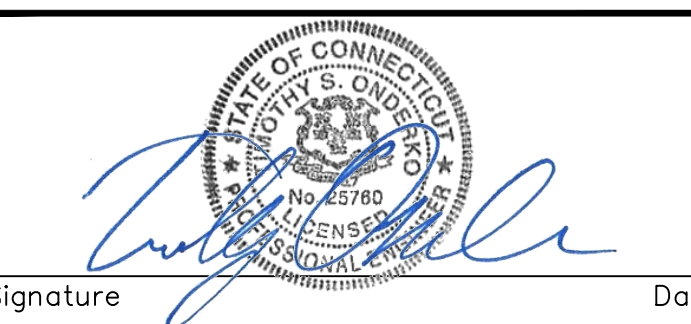


9 ON-SITE CONCRETE CURB
N.T.S.

10 ON-SITE FLUSH CURB
N.T.S.

11 BITUMINOUS CONCRETE PAVEMENT REPAIRS
N.T.S.

12 OFF-SITE CURBS
N.T.S.

| Date | Description | No. |
|---|-------------|-----|
| Revisions | | |
|  | | |
| Signature | Date | |

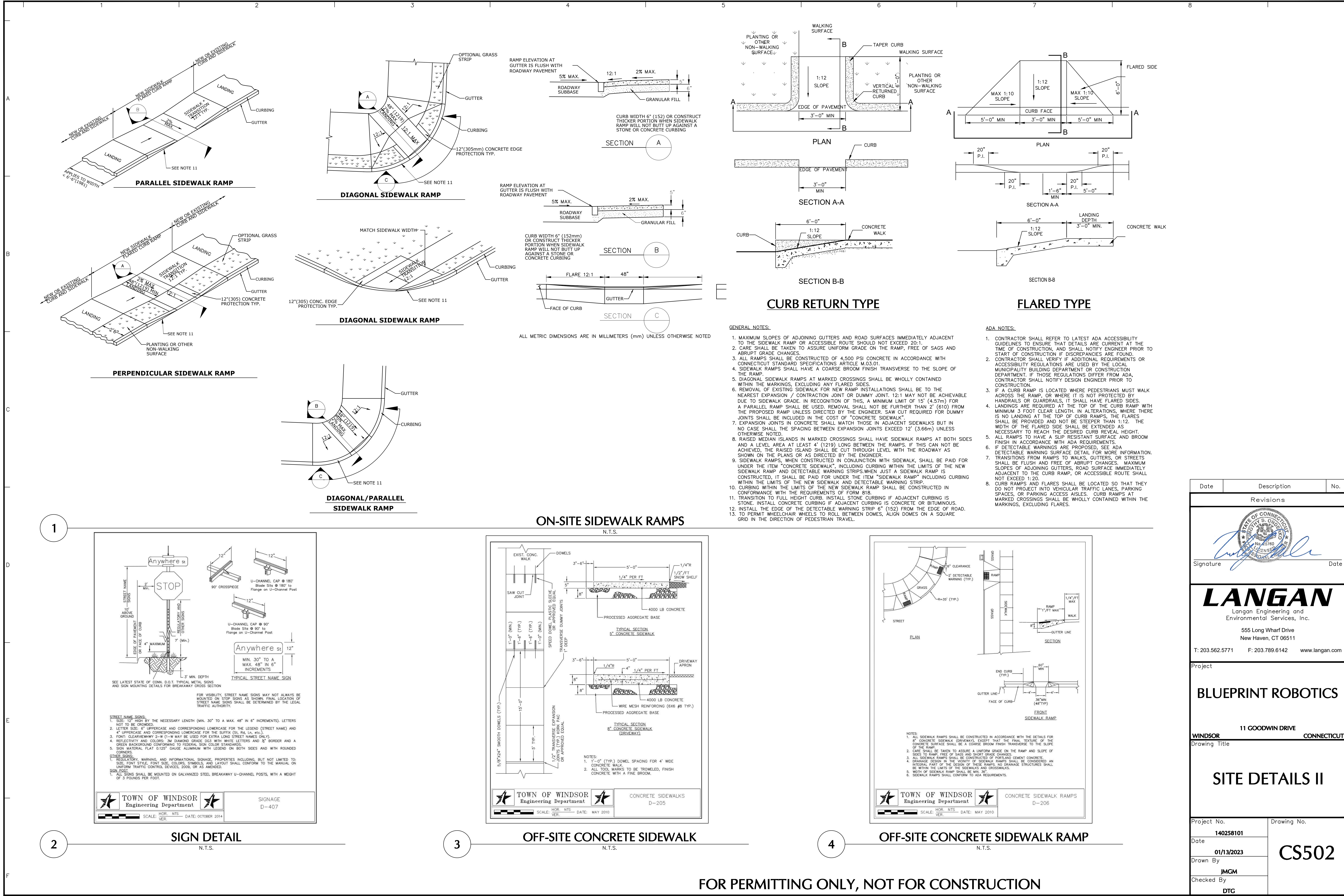
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Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title

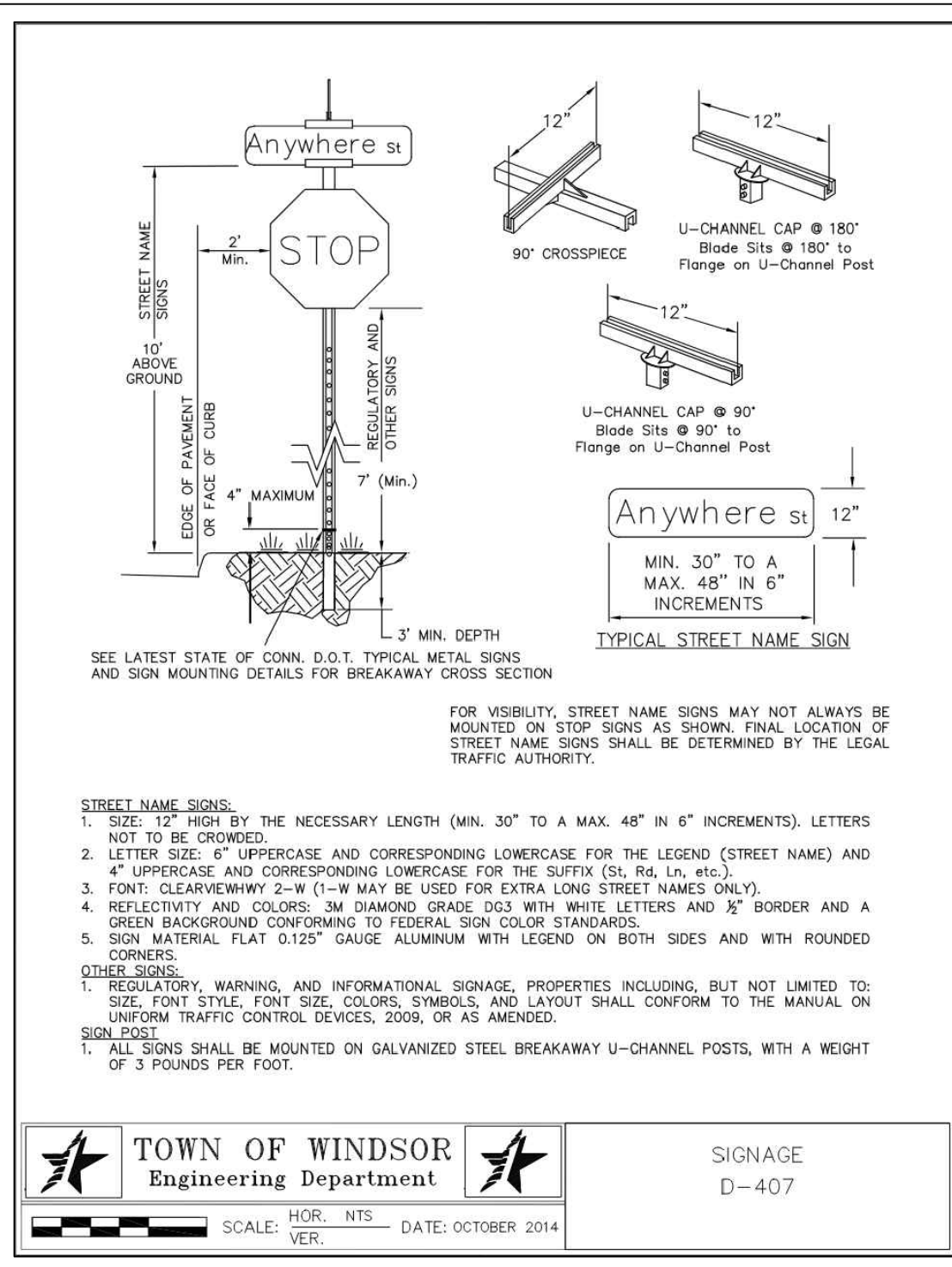
SITE DETAILS I

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| Project No. | 140258101 | Drawing No. | CS501 |
| Date | 01/13/2023 | | |
| Drawn By | JMGM | | |
| Checked By | DTG | | |

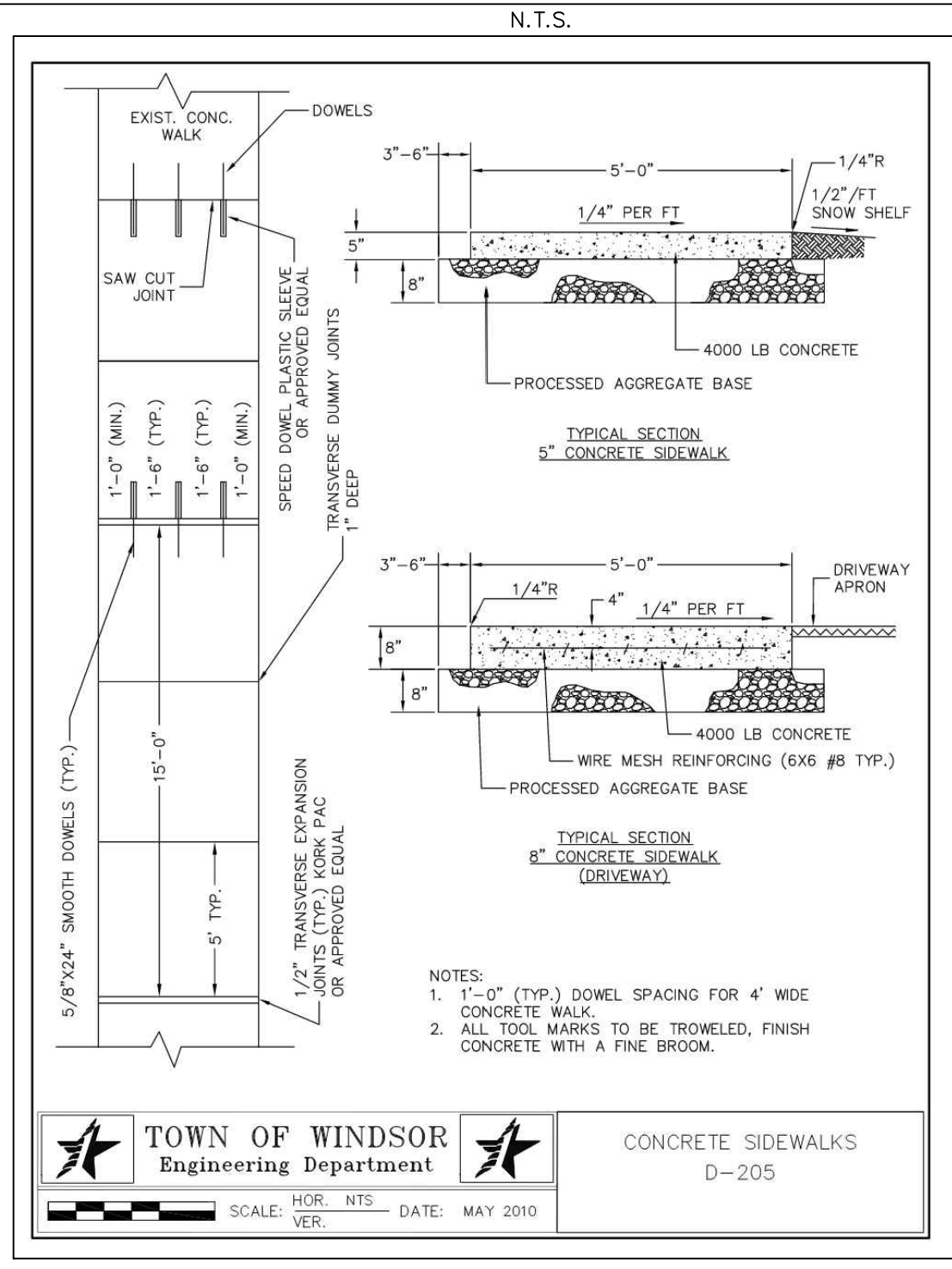
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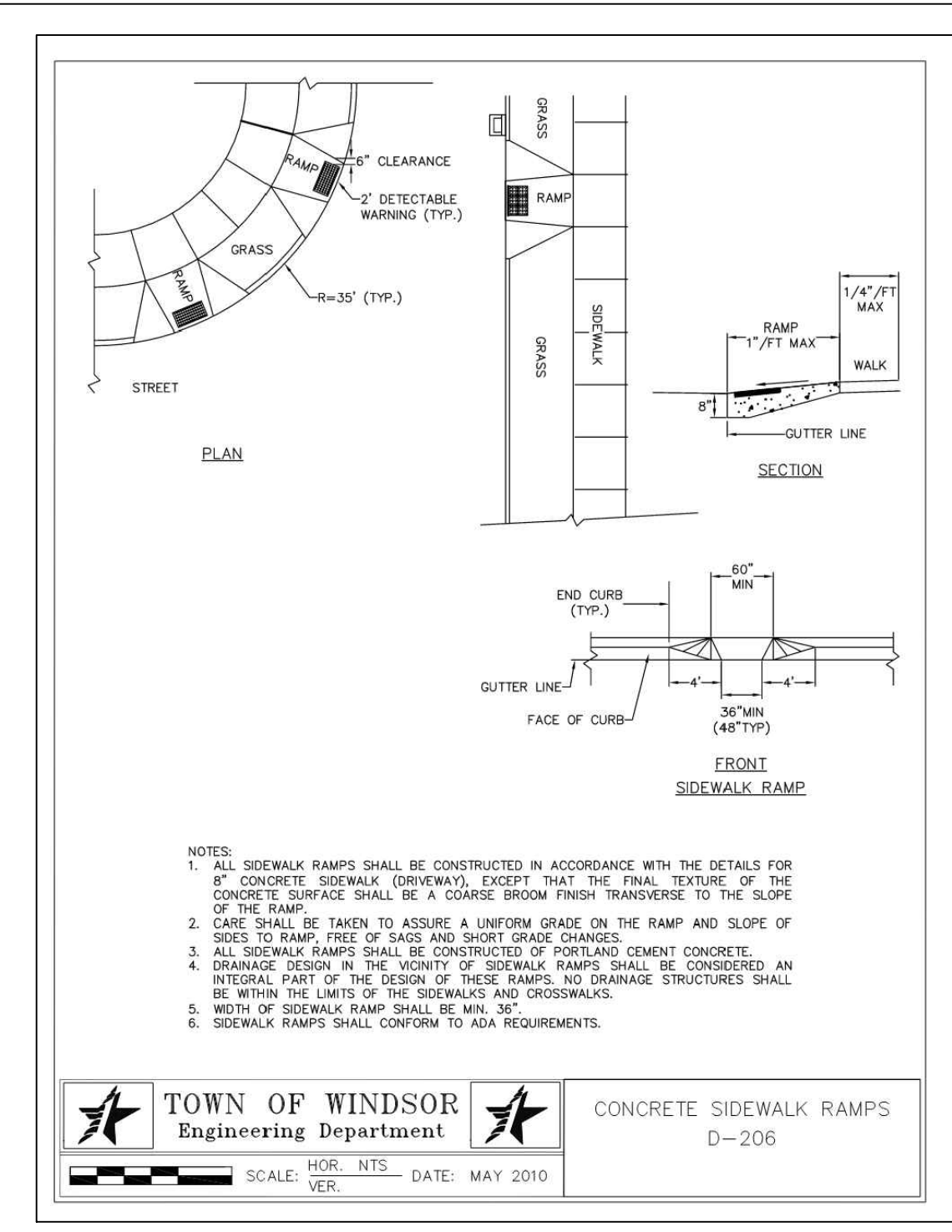
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2



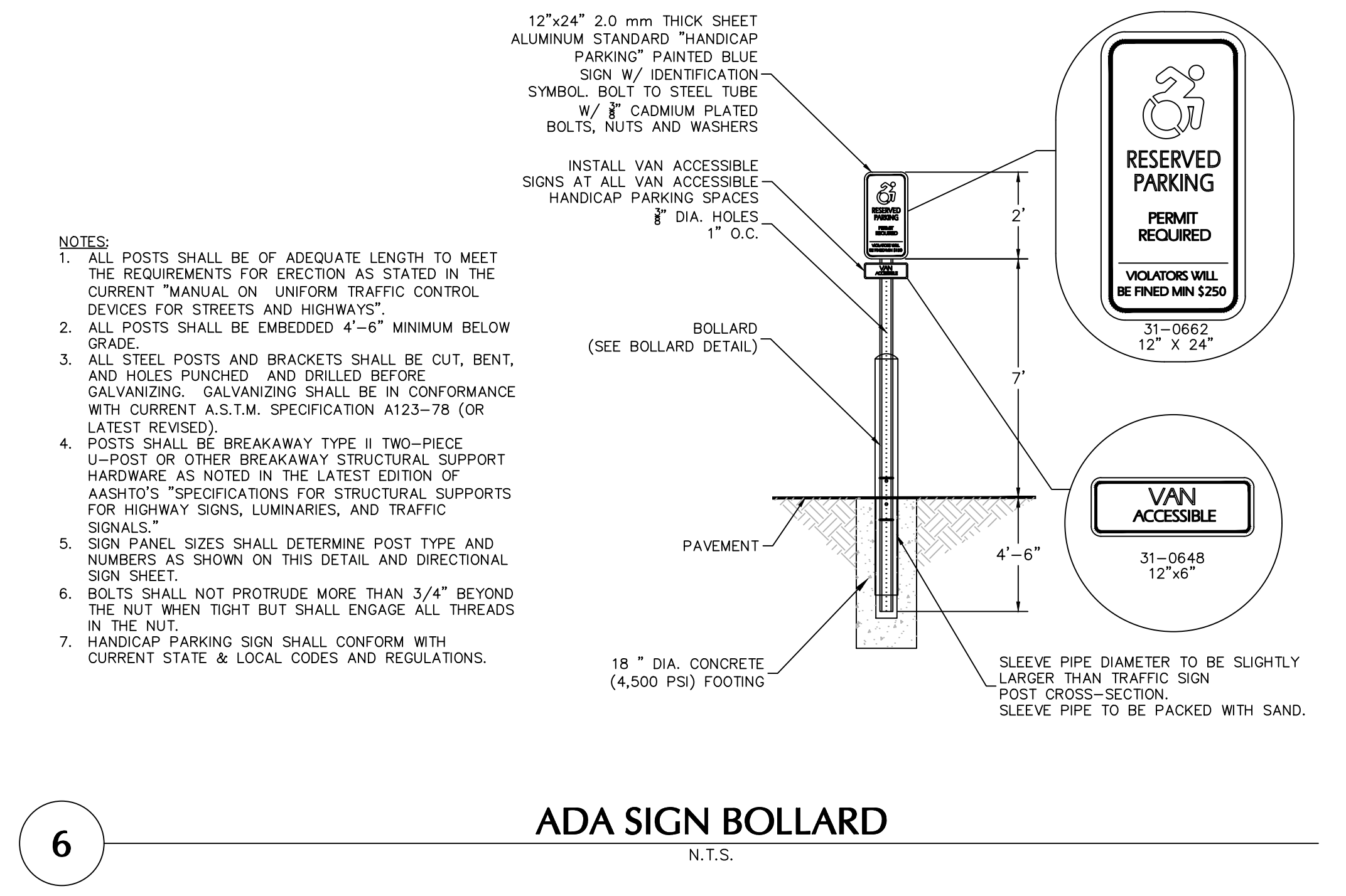
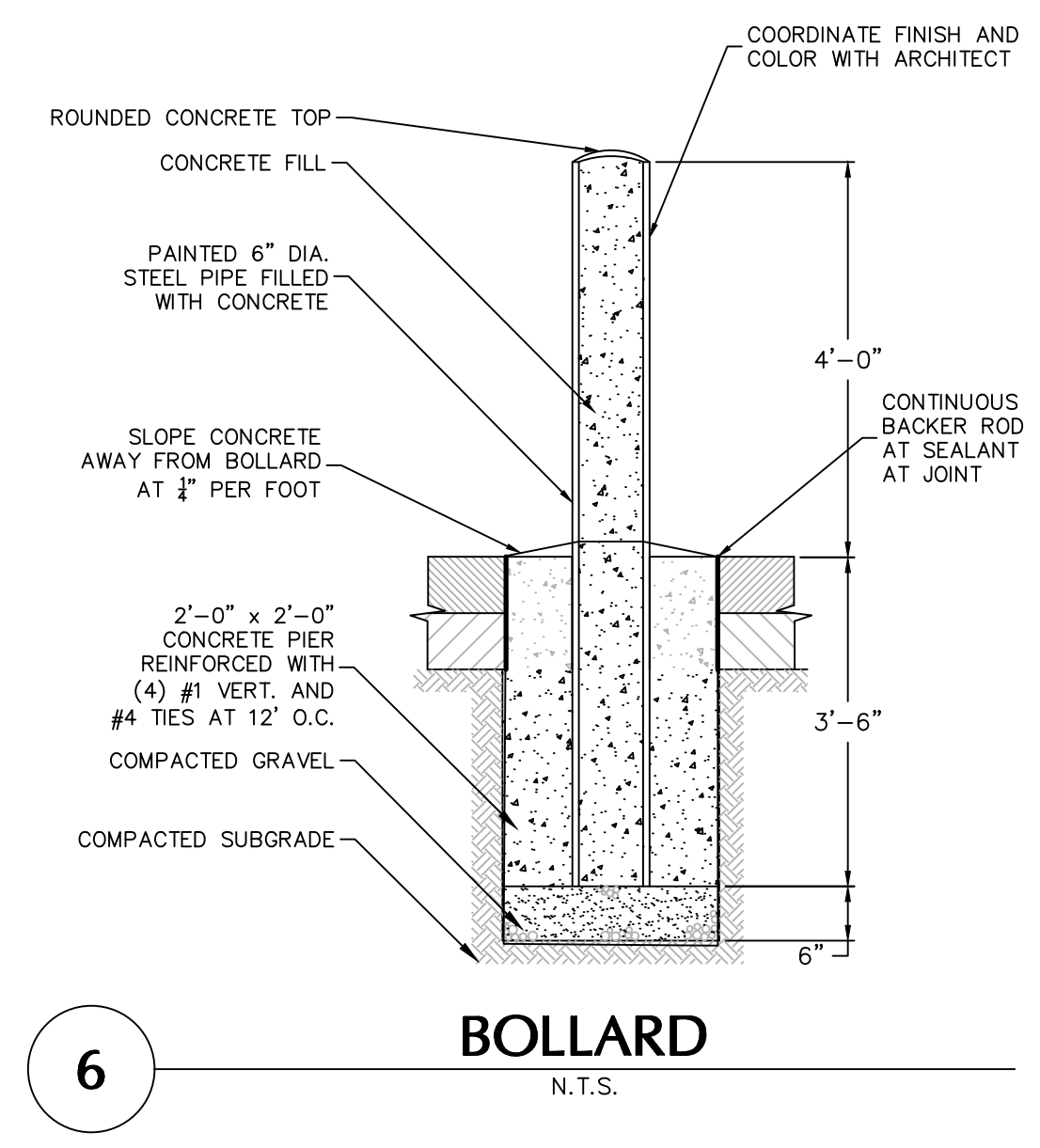
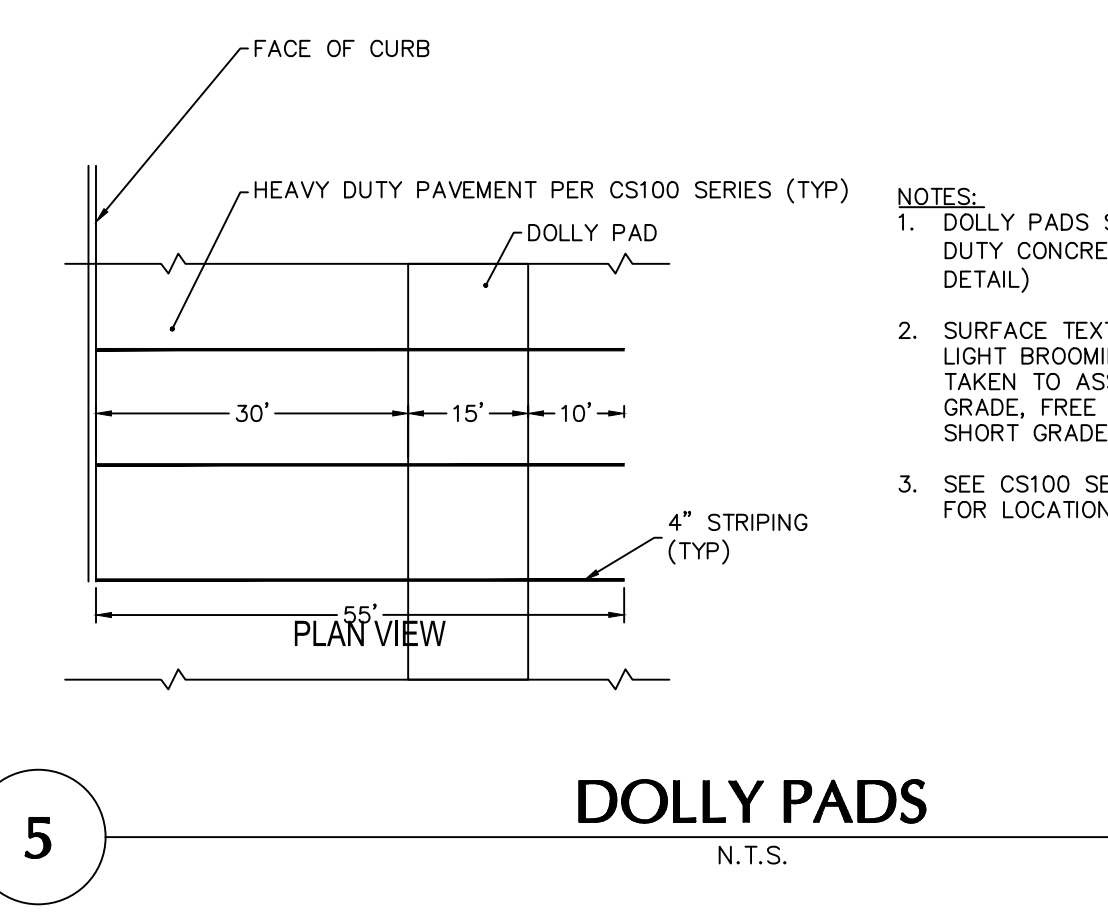
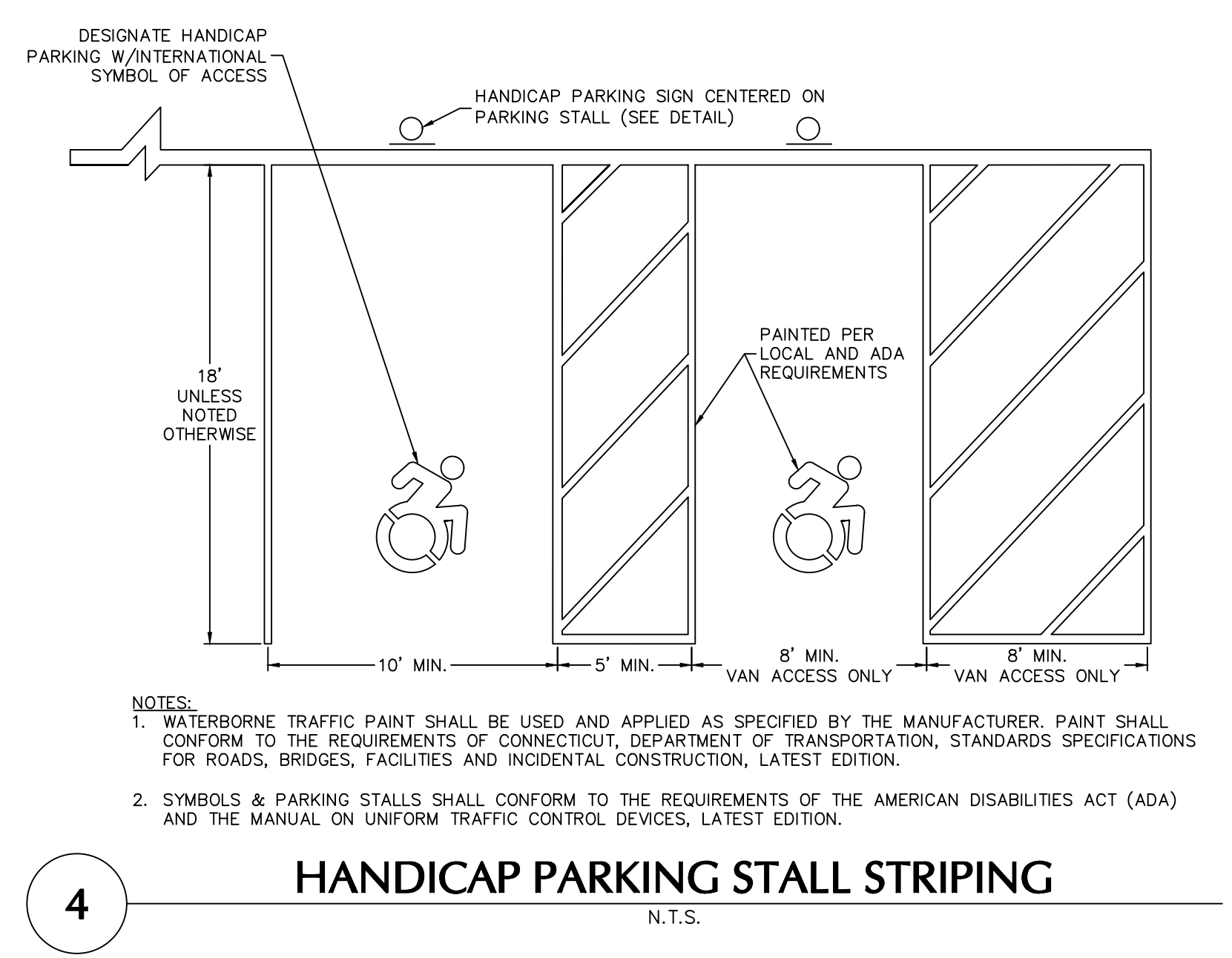
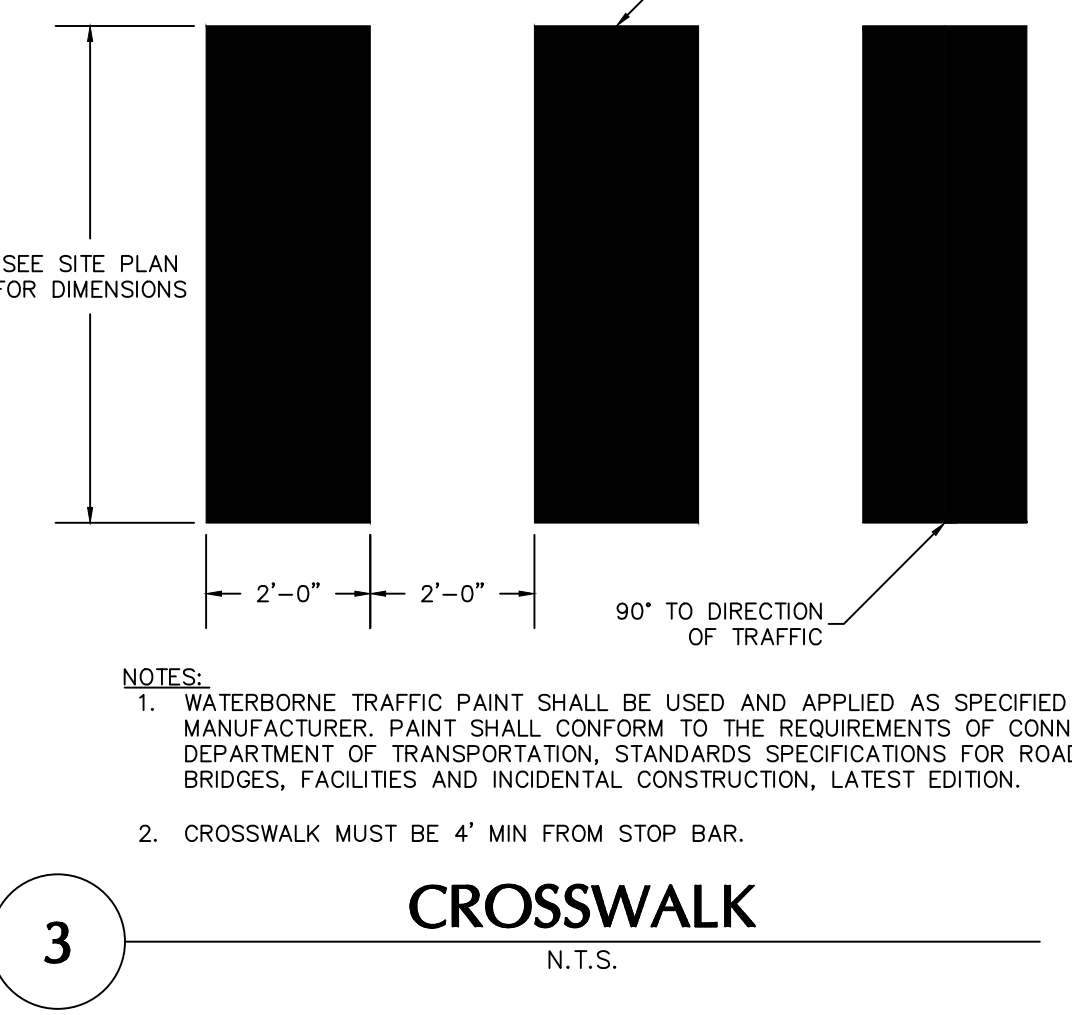
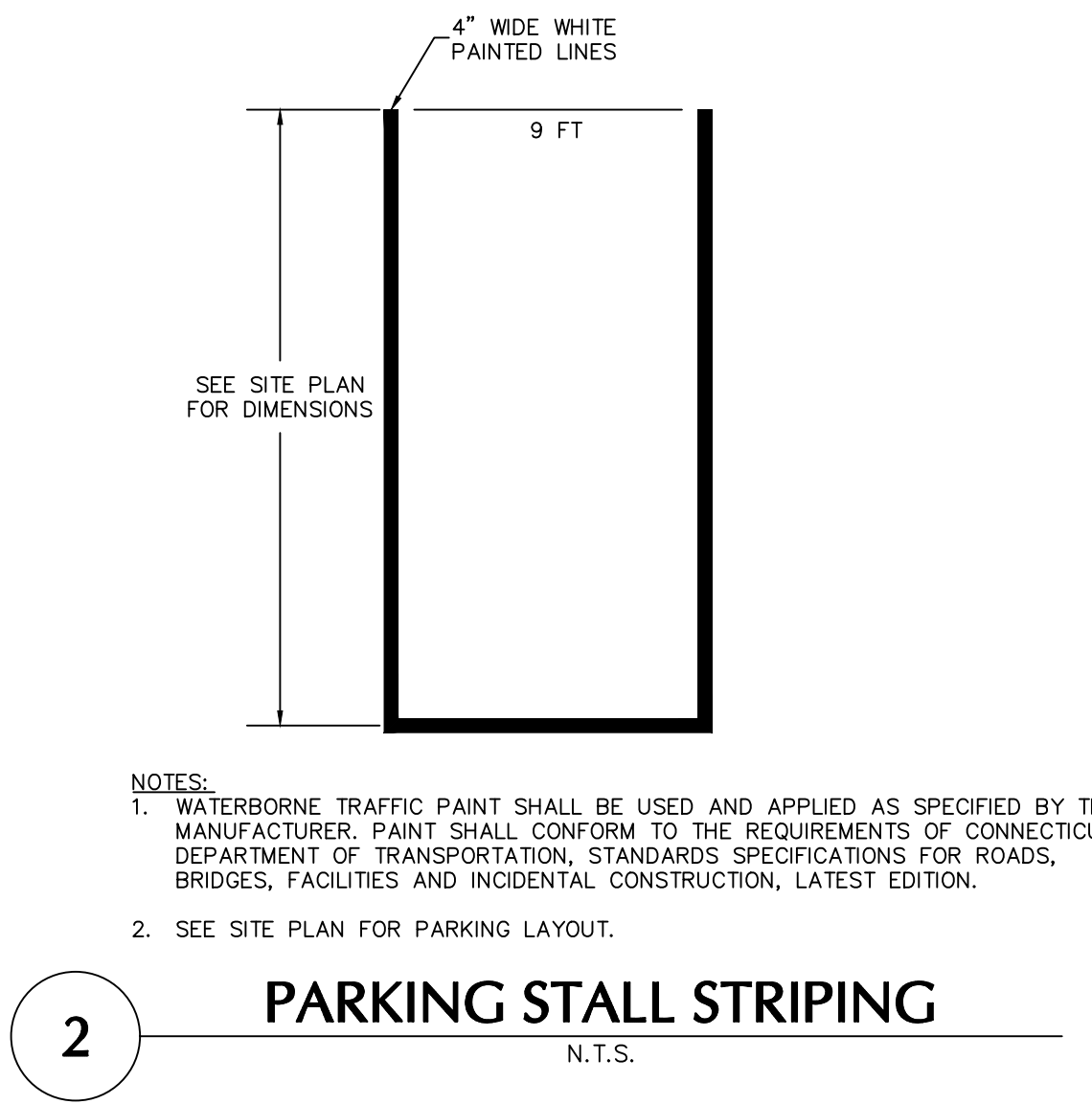
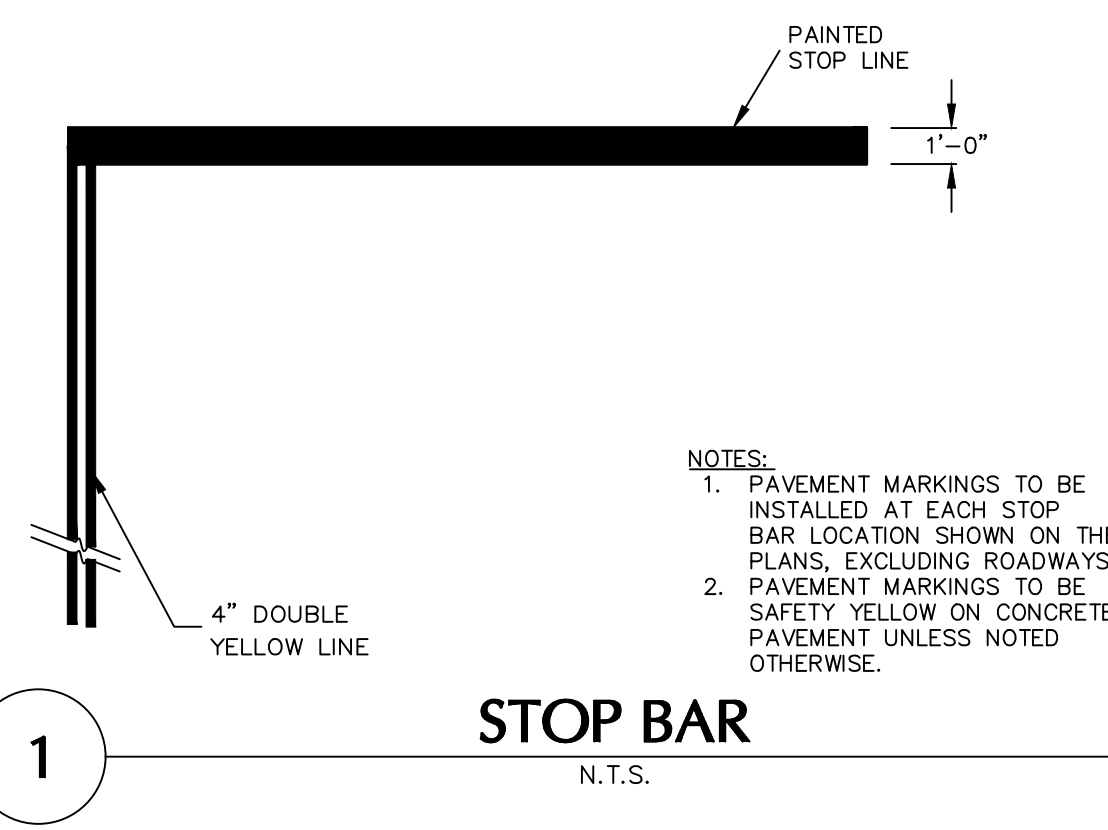
3



4

| Date | Description | No. |
|--|-------------|------|
| Revisions | | |
| | | |
| Signature | | Date |
| | | |
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| Project | | |
| BLUEPRINT ROBOTICS | | |
| 11 GOODWIN DRIVE | | |
| WINDSOR CONNECTICUT Drawing Title | | |
| SITE DETAILS II | | |
| Project No. | Drawing No. | |
| 140258101 | CS502 | |
| Date | 01/13/2023 | |
| Drawn By | JMG | |
| Checked By | DTG | |

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|--------------------------------|-------------|-----|
| Revisions | | |
| Signature _____ Date _____ | | |

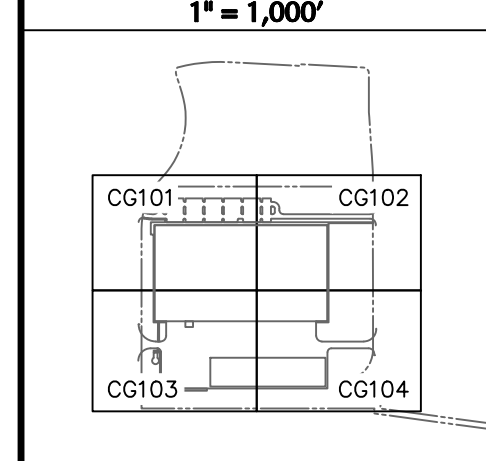
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Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title
SITE DETAILS III

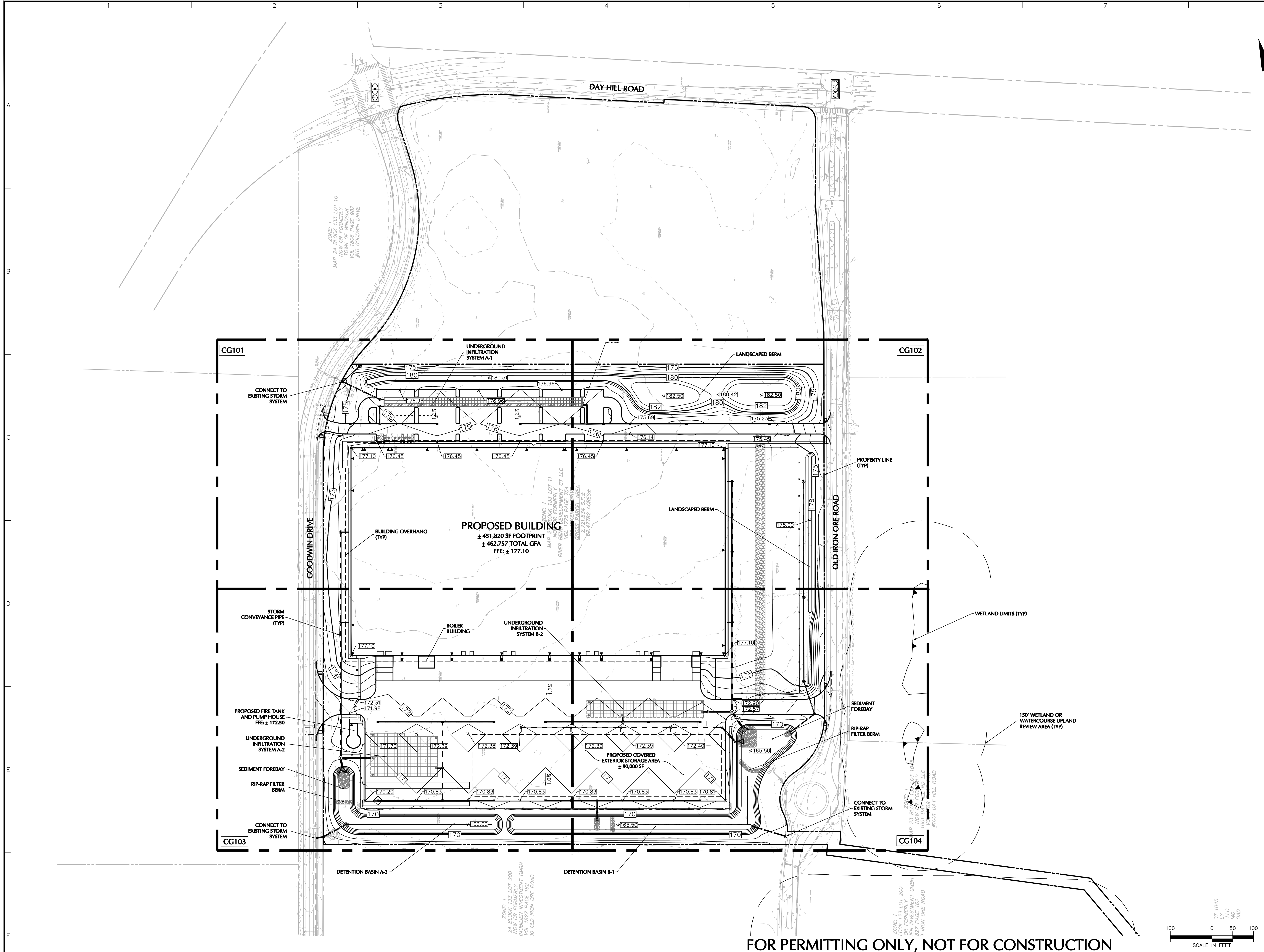
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| Project No. 140258101 | Drawing No. CS503 |
| Date 01/13/2023 | |
| Drawn By JMGM | |
| Checked By DTG | |

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SHEET LEGEND



Project No. 140258101



| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |

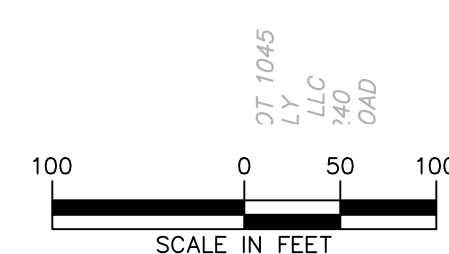
Signature: *[Signature]* Date:

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Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT

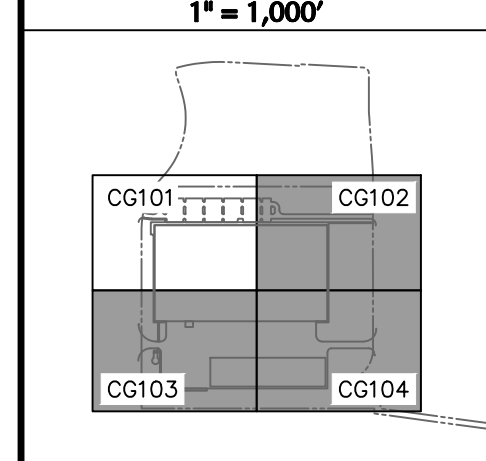
OVERALL GRADING & DRAINAGE PLAN

| | |
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| Project No. 140258101 | Drawing No. CG100 |
| Date 01/20/2023 | |
| Drawn By IJAB | |
| Checked By DTG | |

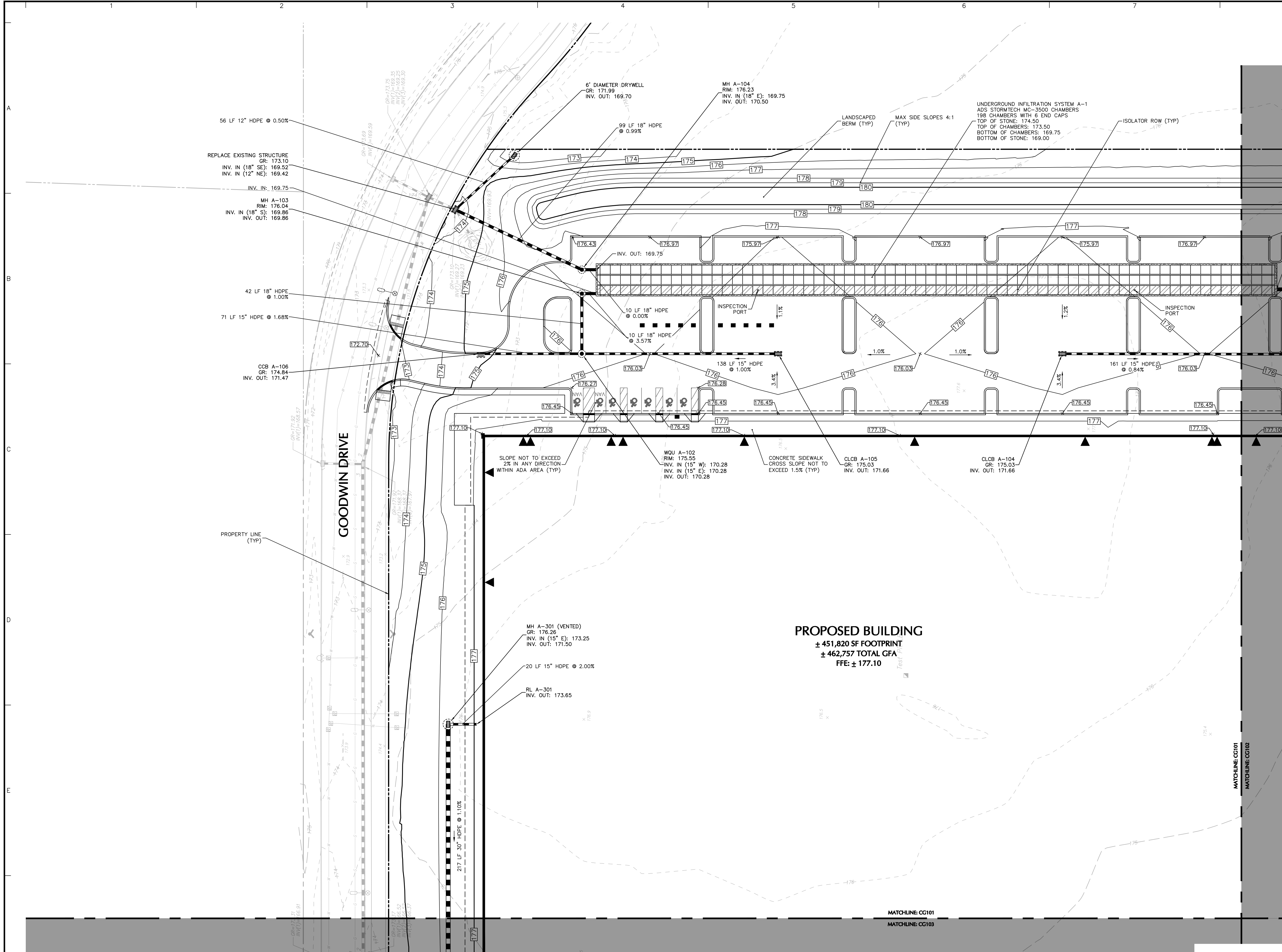


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SHEET LEGEND



Project No. 140258101



PROPOSED BUILDING
 ± 451,820 SF FOOTPRINT
 ± 462,757 TOTAL GFA
 FFE: ± 177.10

| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |

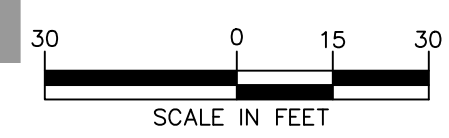

 Signature: _____ Date: _____

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Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title
GRADING & DRAINAGE PLAN I

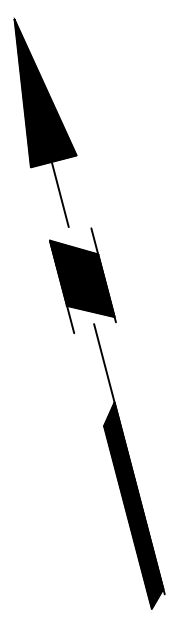
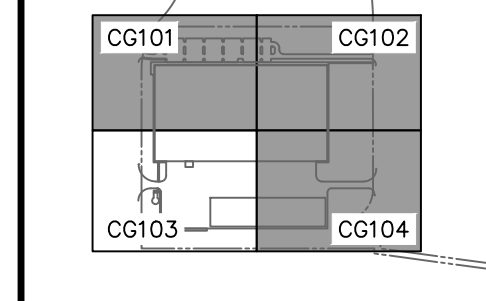
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| Date 01/20/2023 | |
| Drawn By IJAB | |
| Checked By DTG | |

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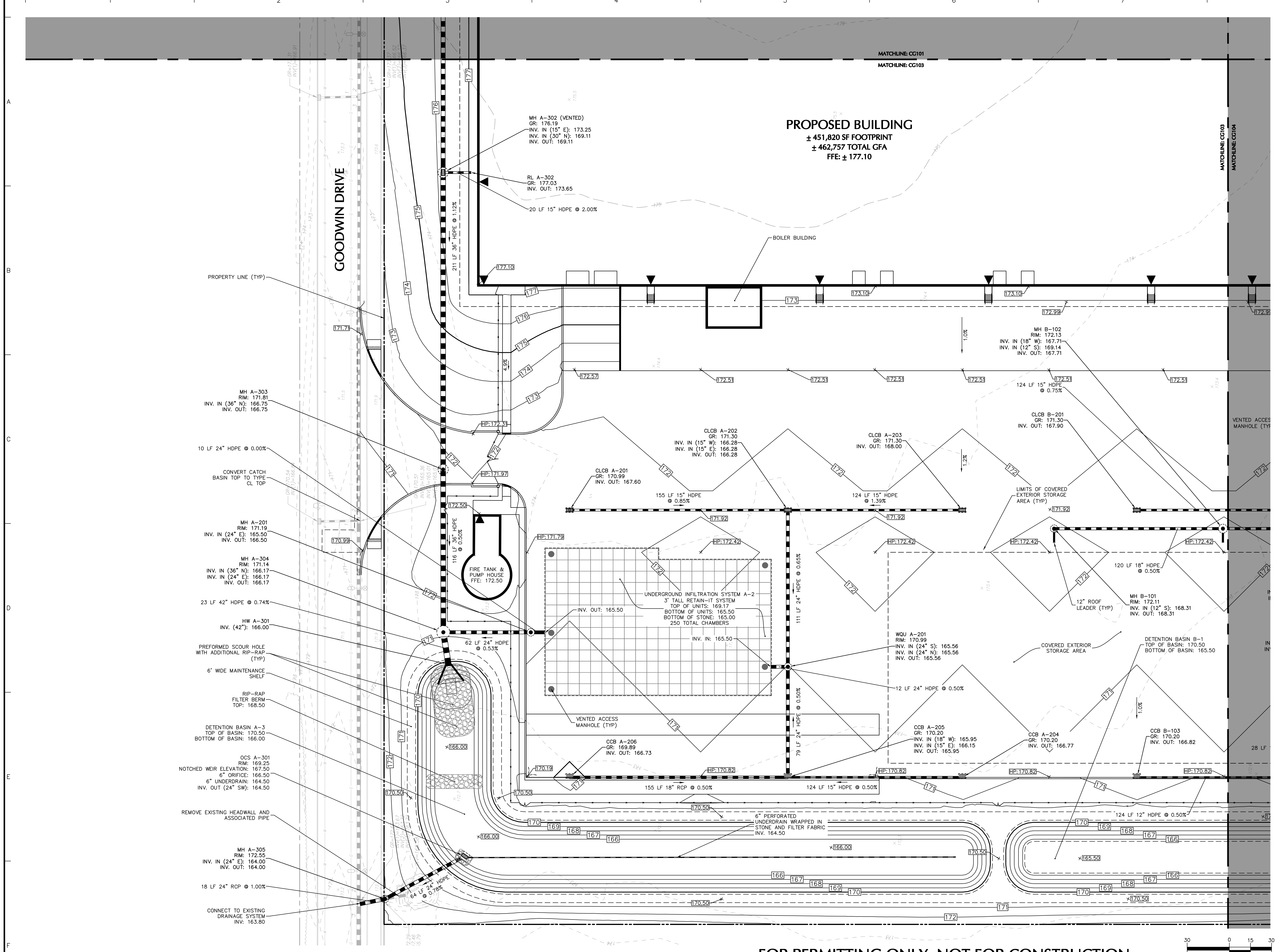


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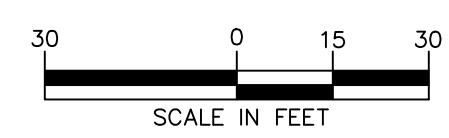
1" = 1,000'



Project No. 140258101



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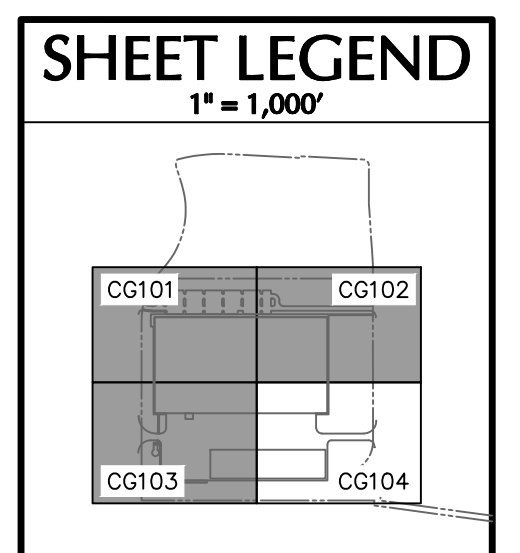
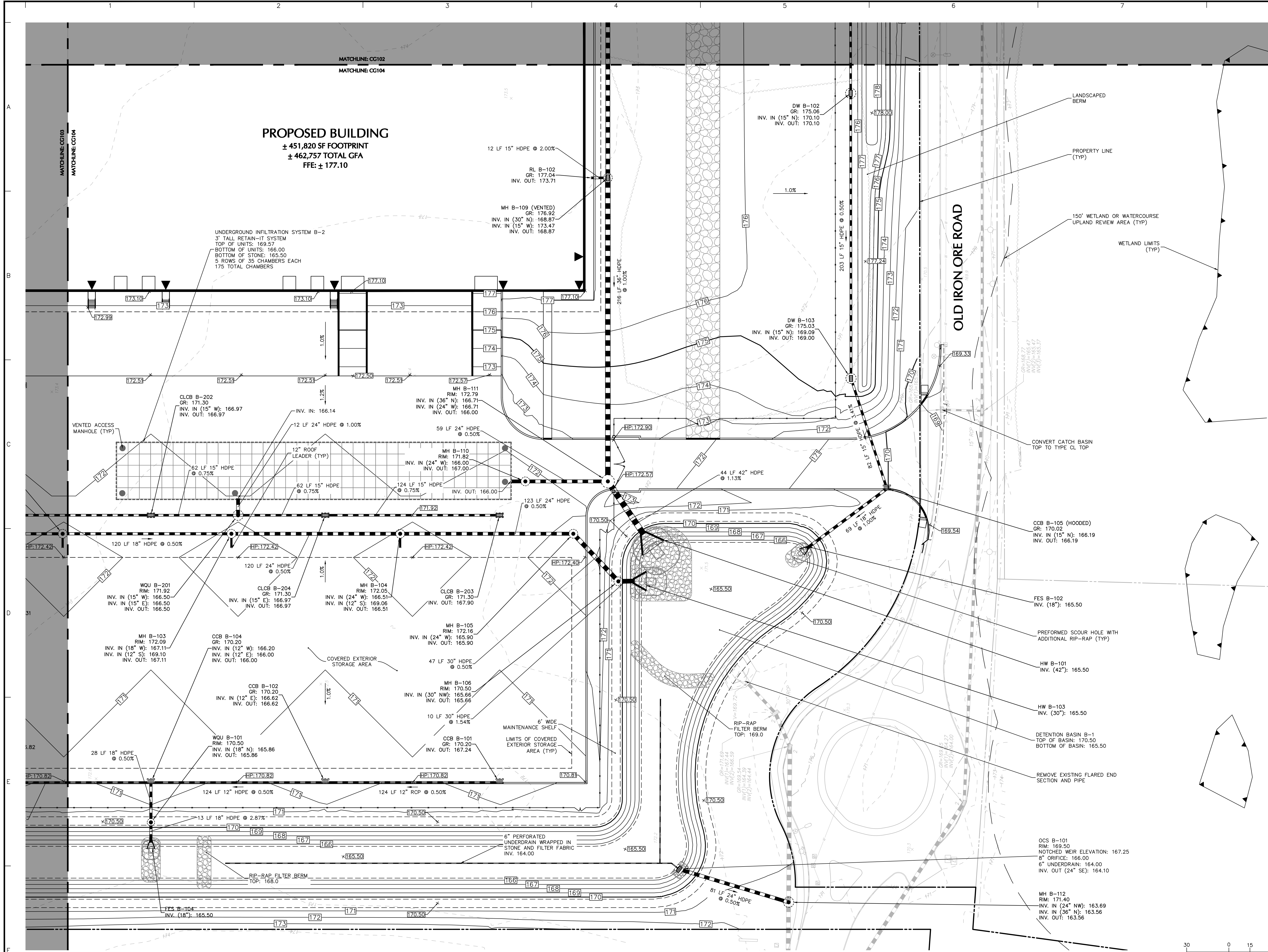
| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |

Signature: *[Signature]* Date: _____

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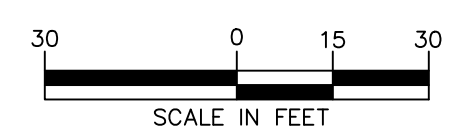
Project: **BLUEPRINT ROBOTICS**
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title: **GRADING & DRAINAGE PLAN III**

| | |
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| Project No. 140258101 | Drawing No. CG103 |
| Date 01/20/2023 | |
| Drawn By IJAB | |
| Checked By DTG | |



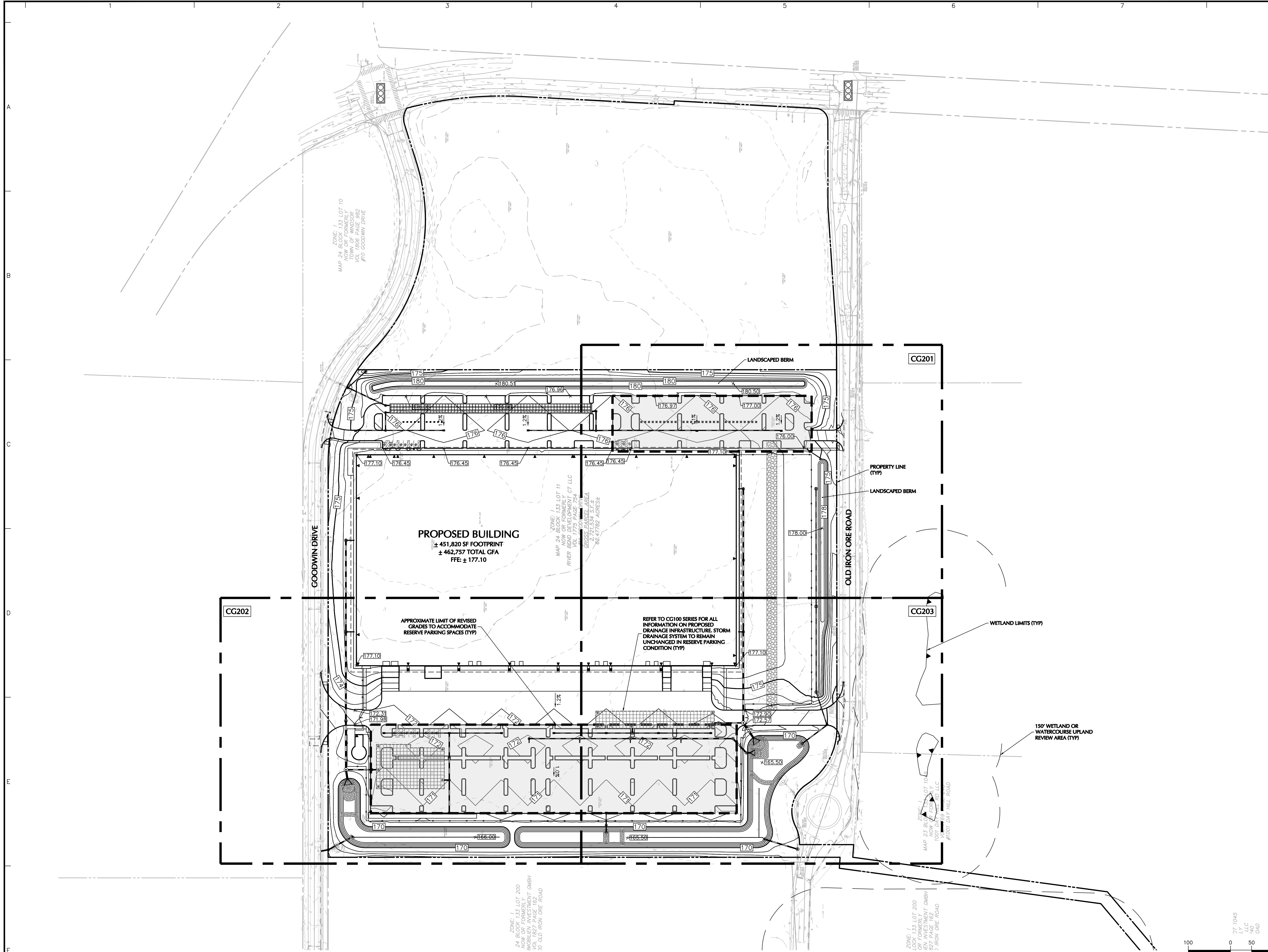
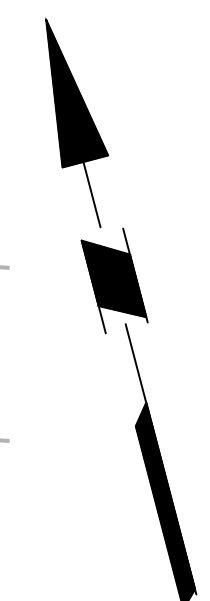
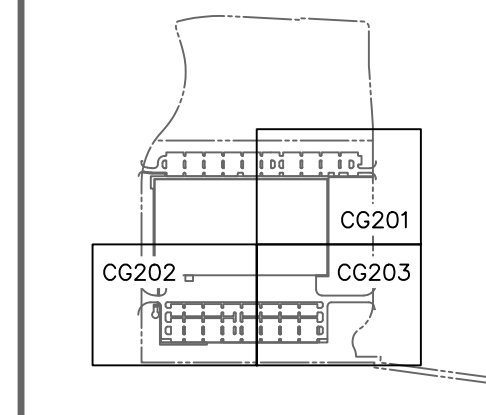
| Date | Description | No. |
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| Revisions | | |
| | | |
| Signature | | Date |
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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| GRADING & DRAINAGE PLAN IV | | |
| Project No. | Drawing No. | |
| 140258101 | CG104 | |
| Date | Drawn By | |
| 01/20/2023 | IJAB | |
| Checked By | DTG | |

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SHEET LEGEND

1" = 1,000'



PROPOSED BUILDING
 ± 451,820 SF FOOTPRINT
 ± 462,757 TOTAL GFA
 FFE: ± 177.10

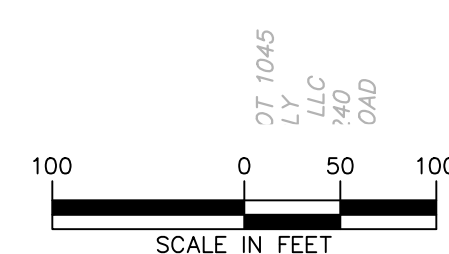
APPROXIMATE LIMIT OF REVISED GRADES TO ACCOMMODATE RESERVE PARKING SPACES (TYP)

REFER TO CG100 SERIES FOR ALL INFORMATION ON PROPOSED DRAINAGE INFRASTRUCTURE. STORM DRAINAGE SYSTEM TO REMAIN UNCHANGED IN RESERVE PARKING CONDITION (TYP)

WETLAND LIMITS (TYP)

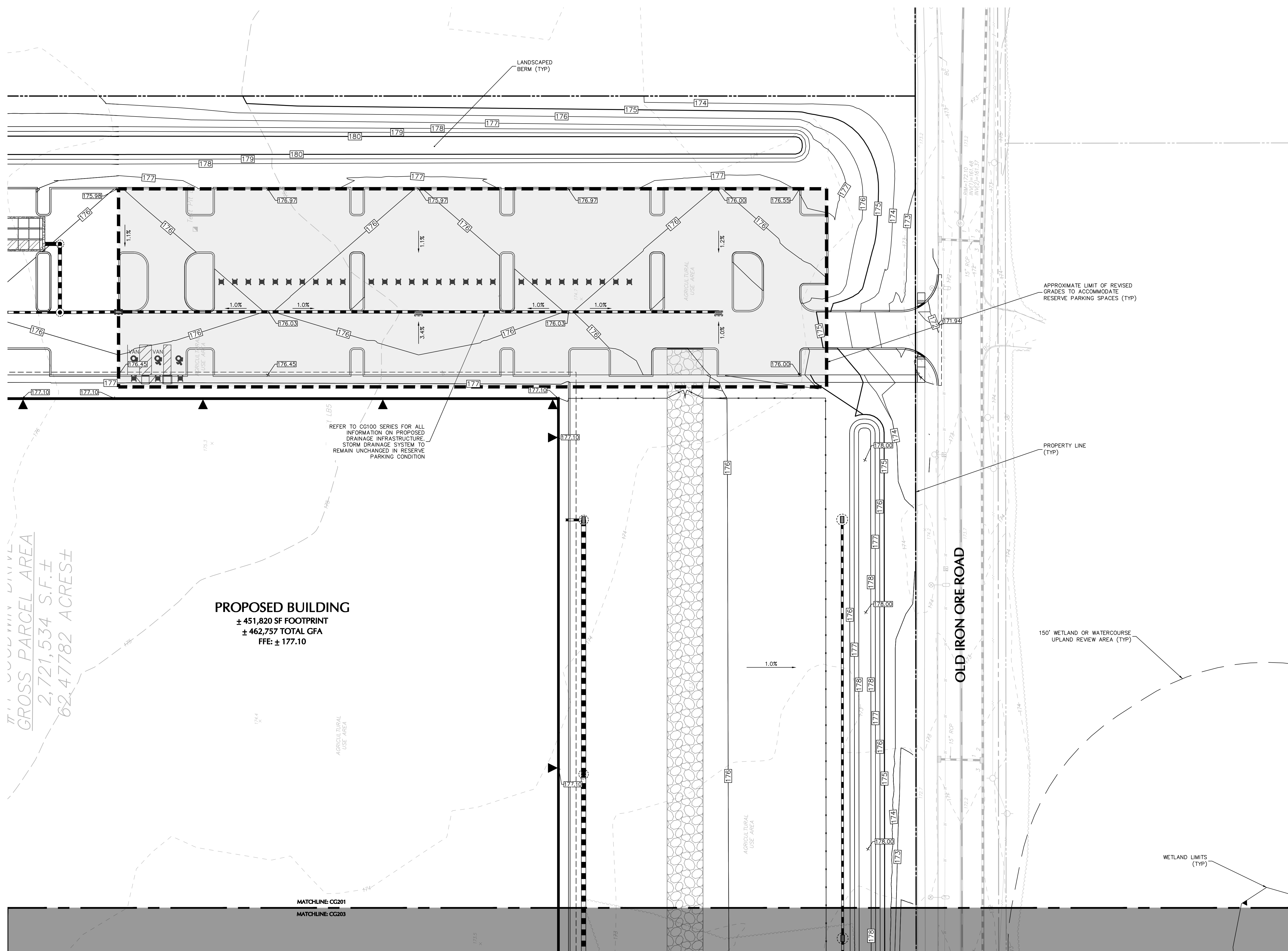
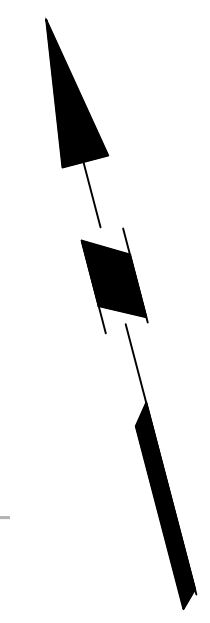
150' WETLAND OR WATERCOURSE UPLAND REVIEW AREA (TYP)

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| Date | Description | No. |
|---|--------------|------|
| Revisions | | |
| | | |
| Signature | | Date |
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| Project | | |
| BLUEPRINT ROBOTICS | | |
| 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| OVERALL GRADING & DRAINAGE PLAN RESERVE PARKING CONDITION | | |
| Project No. | Drawing No. | |
| 140258101 | CG200 | |
| Date | 01/20/2023 | |
| Drawn By | ARK | |
| Checked By | DTG | |

SHEET LEGEND
1" = 1,000'



PROPOSED BUILDING
± 451,820 SF FOOTPRINT
± 462,757 TOTAL GFA
FFE: ± 177.10

REFER TO CG100 SERIES FOR ALL INFORMATION ON PROPOSED DRAINAGE INFRASTRUCTURE. STORM DRAINAGE SYSTEM TO REMAIN UNCHANGED IN RESERVE PARKING CONDITION

APPROXIMATE LIMIT OF REVISED GRADES TO ACCOMMODATE RESERVE PARKING SPACES (TYP)

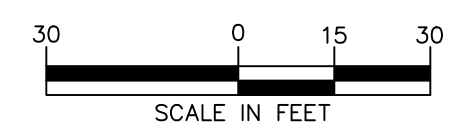
PROPERTY LINE (TYP)

150' WETLAND OR WATERCOURSE UPLAND REVIEW AREA (TYP)

WETLAND LIMITS (TYP)

MATCHLINE: CG201
MATCHLINE: CG203

FOR PERMITTING ONLY, NOT FOR CONSTRUCTION



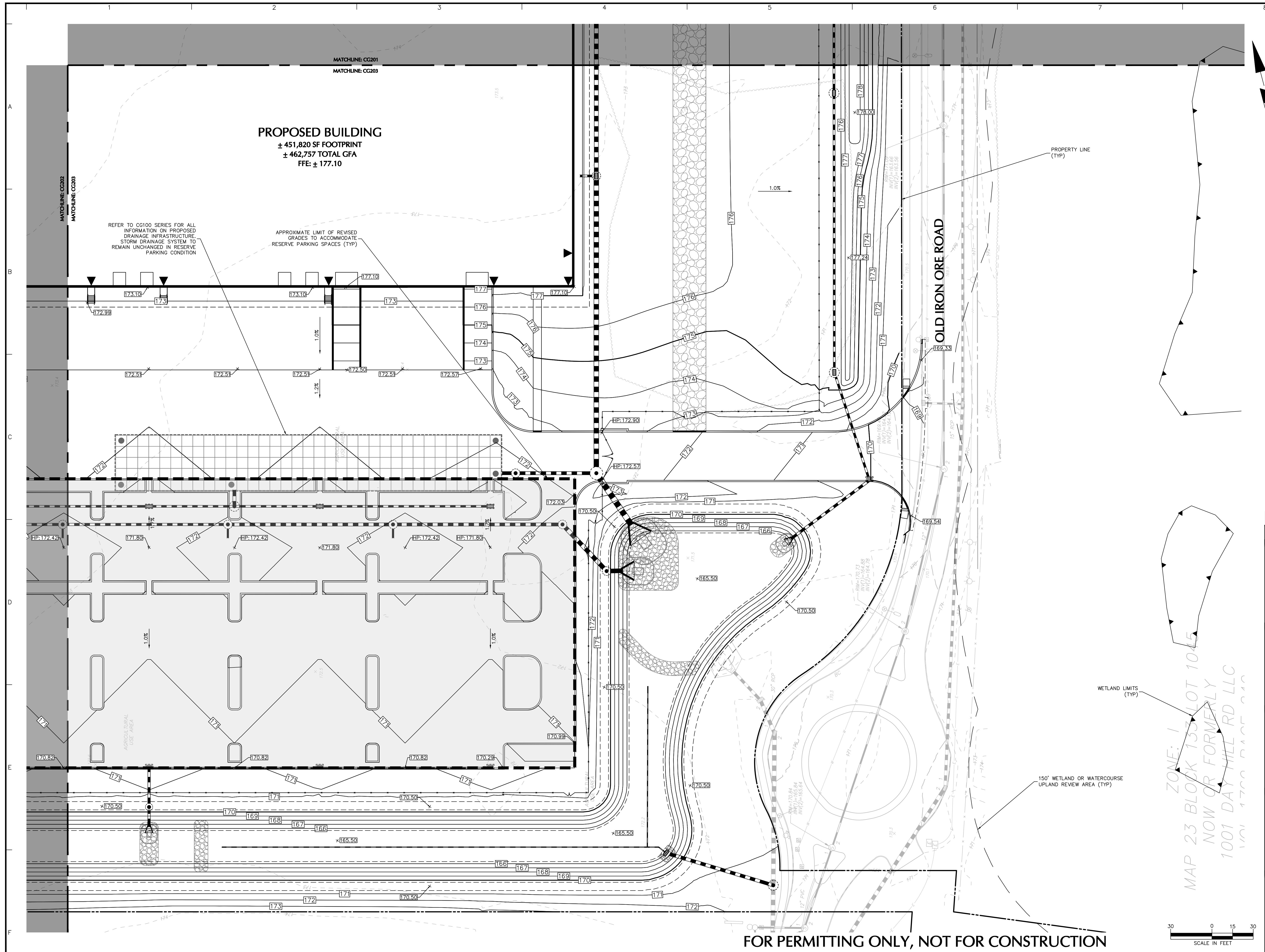
| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |

Signature: *[Signature]* Date: _____

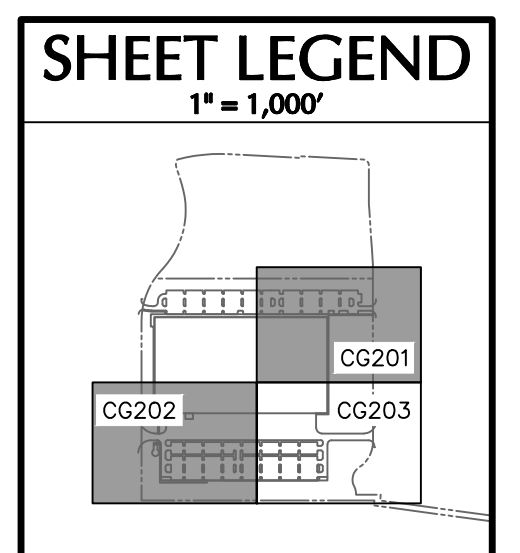
LANGAN
Langan Engineering and Environmental Services, Inc.
555 Long Wharf Drive
New Haven, CT 06511
T: 203.562.5771 F: 203.789.6142 www.langan.com

Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title
**GRADING & DRAINAGE PLAN I
RESERVE PARKING
CONDITION**

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CG201 |
| Date 03/08/2023 | |
| Drawn By ARK | |
| Checked By DTG | |



PROPOSED BUILDING
 ± 451,820 SF FOOTPRINT
 ± 462,757 TOTAL GFA
 FFE: ± 177.10



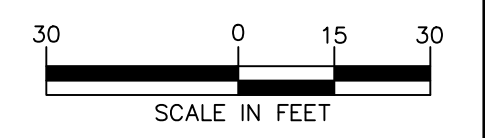
SHEET LEGEND
 1" = 1,000'

REFER TO CG100 SERIES FOR ALL INFORMATION ON PROPOSED DRAINAGE INFRASTRUCTURE. STORM DRAINAGE SYSTEM TO REMAIN UNCHANGED IN RESERVE PARKING CONDITION

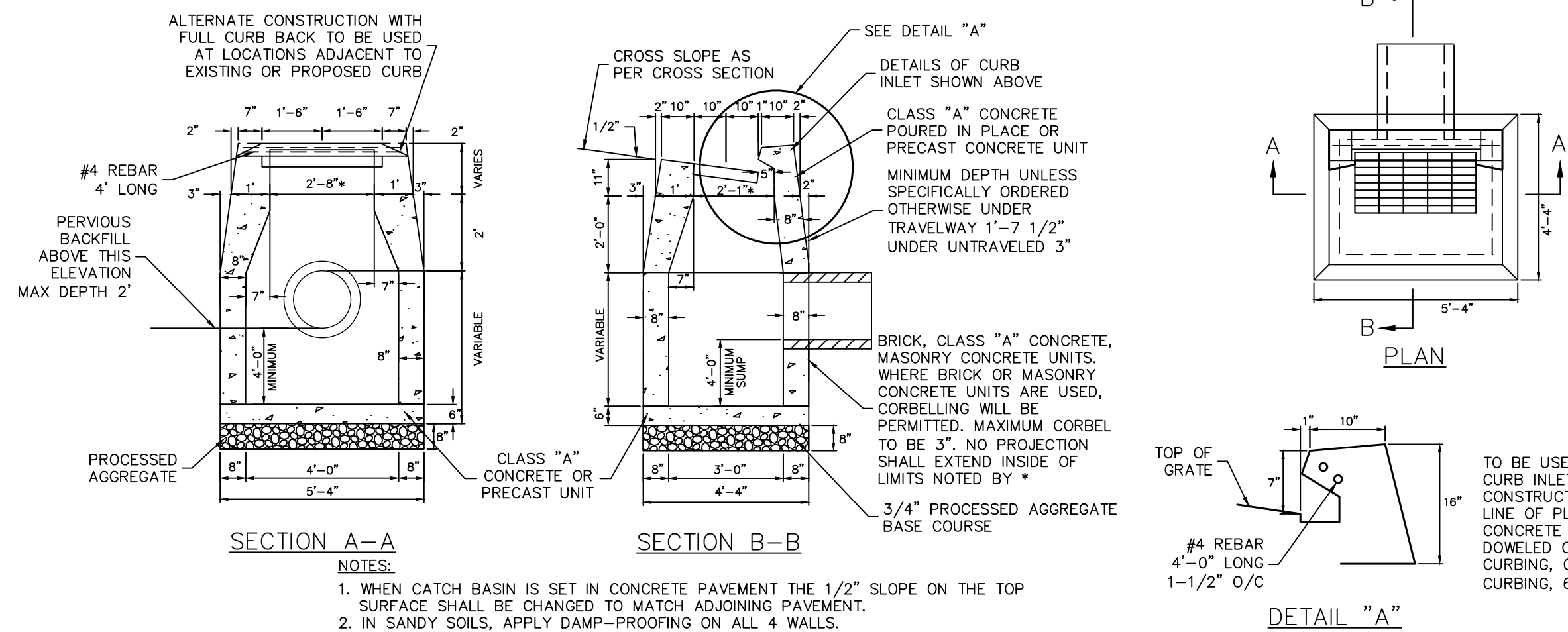
APPROXIMATE LIMIT OF REVISED GRADES TO ACCOMMODATE RESERVE PARKING SPACES (TYP)

ZONE: 1
 MAP 23 BLOCK 135 LOT 10 L5
 NOW OR FORMERLY
 1001 DAY HILL RD LLC
 1/01 1700 PACE 010

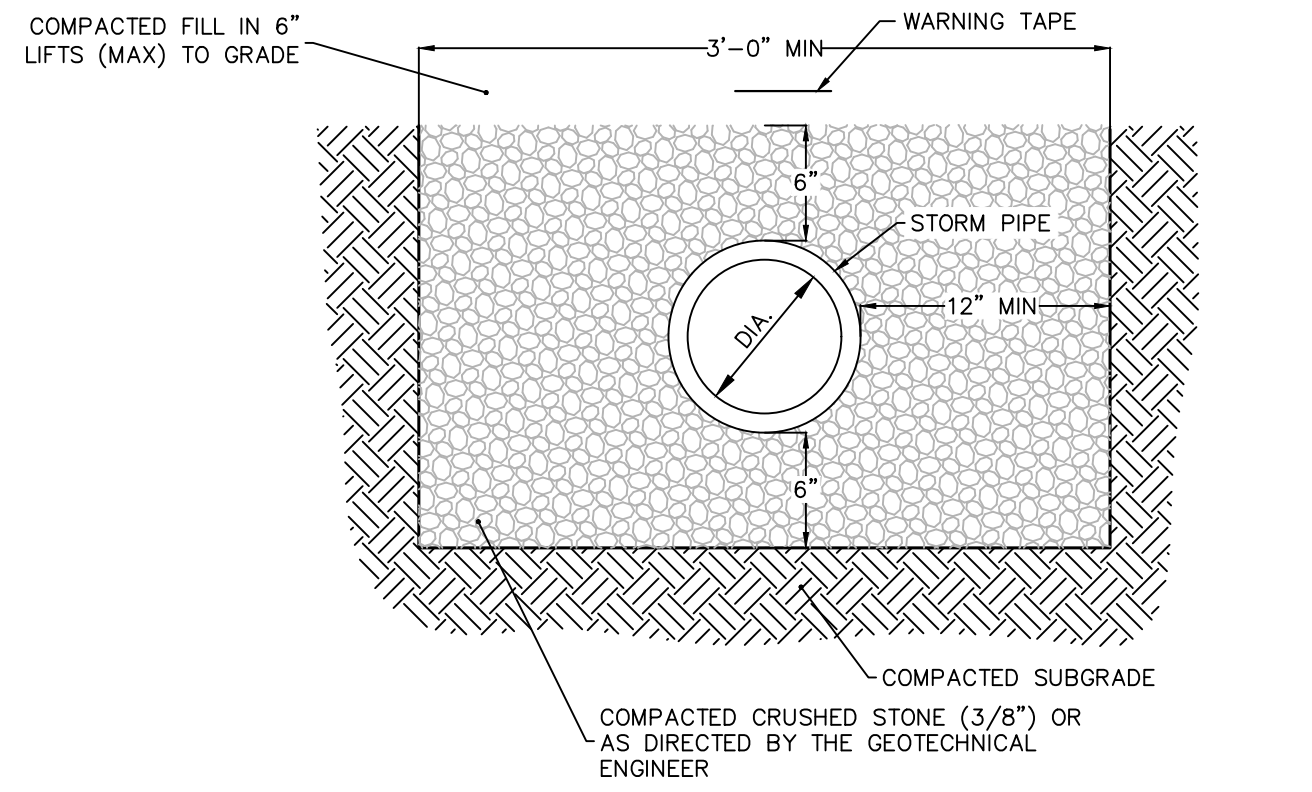
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|---|--------------|------|
| Revisions | | |
| | | |
| Signature | | Date |
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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| GRADING & DRAINAGE PLAN III RESERVE PARKING CONDITION | | |
| Project No. | Drawing No. | |
| 140258101 | CG203 | |
| Date | Drawn By | |
| 04/10/2023 | ARK | |
| Checked By | DTG | |



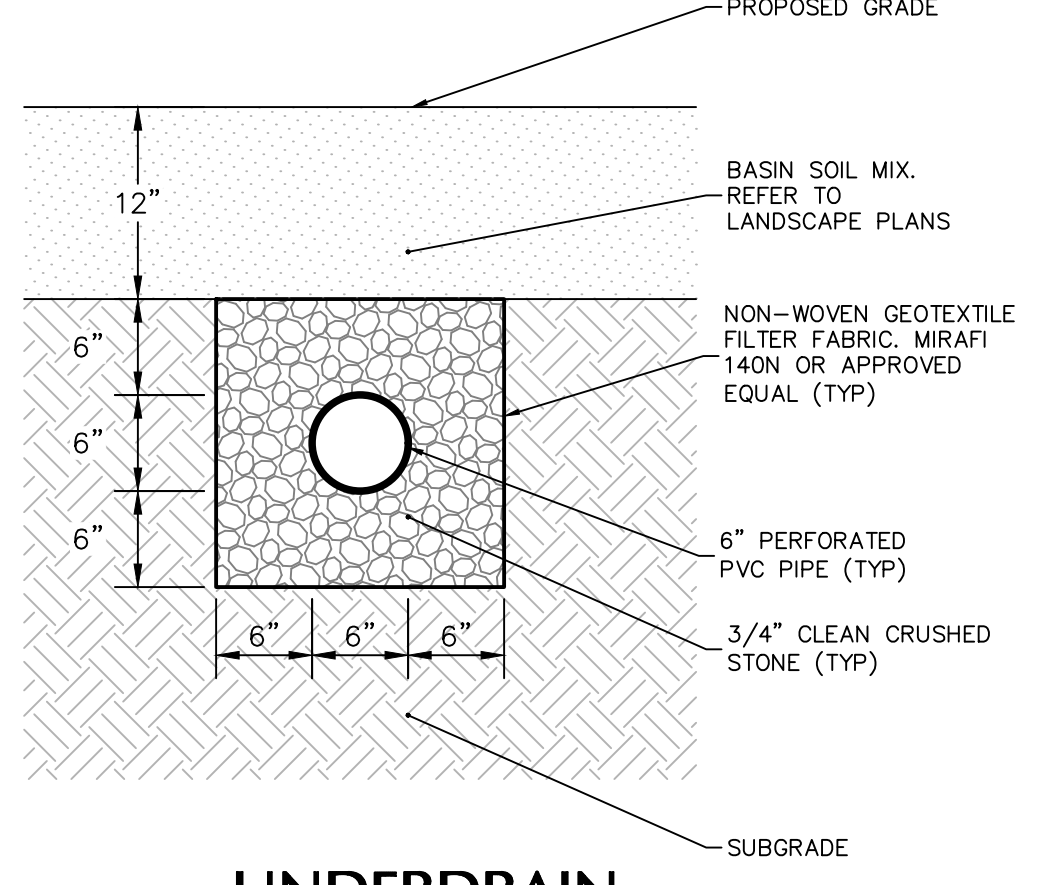
FOR PERMITTING ONLY, NOT FOR CONSTRUCTION



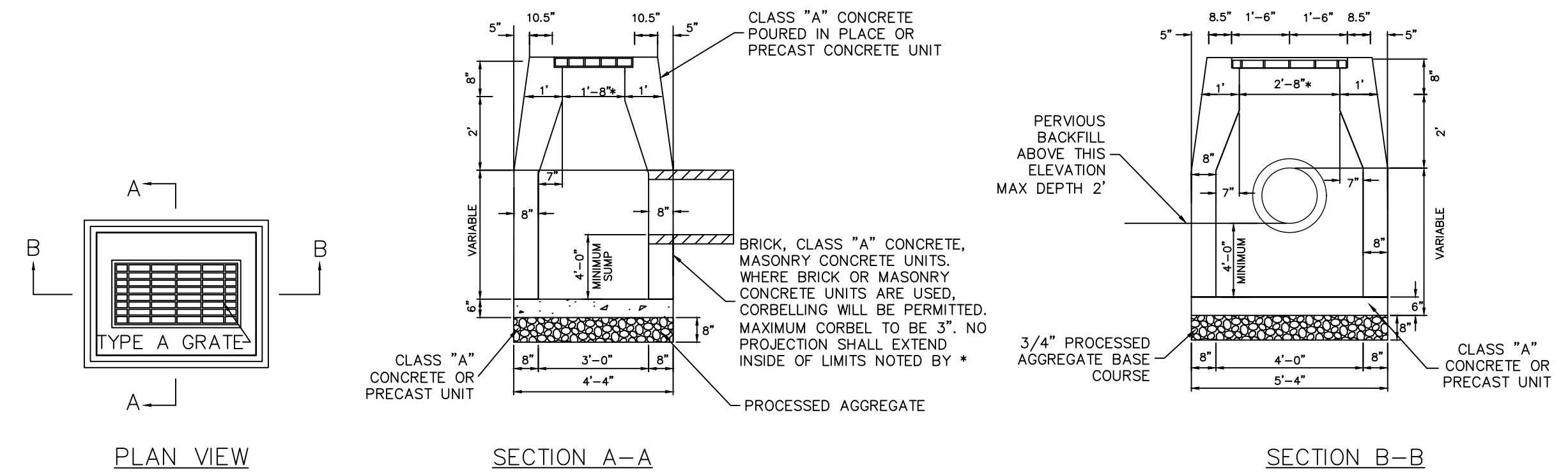
1 TYPE "C" SINGLE CATCHBASIN
N.T.S.



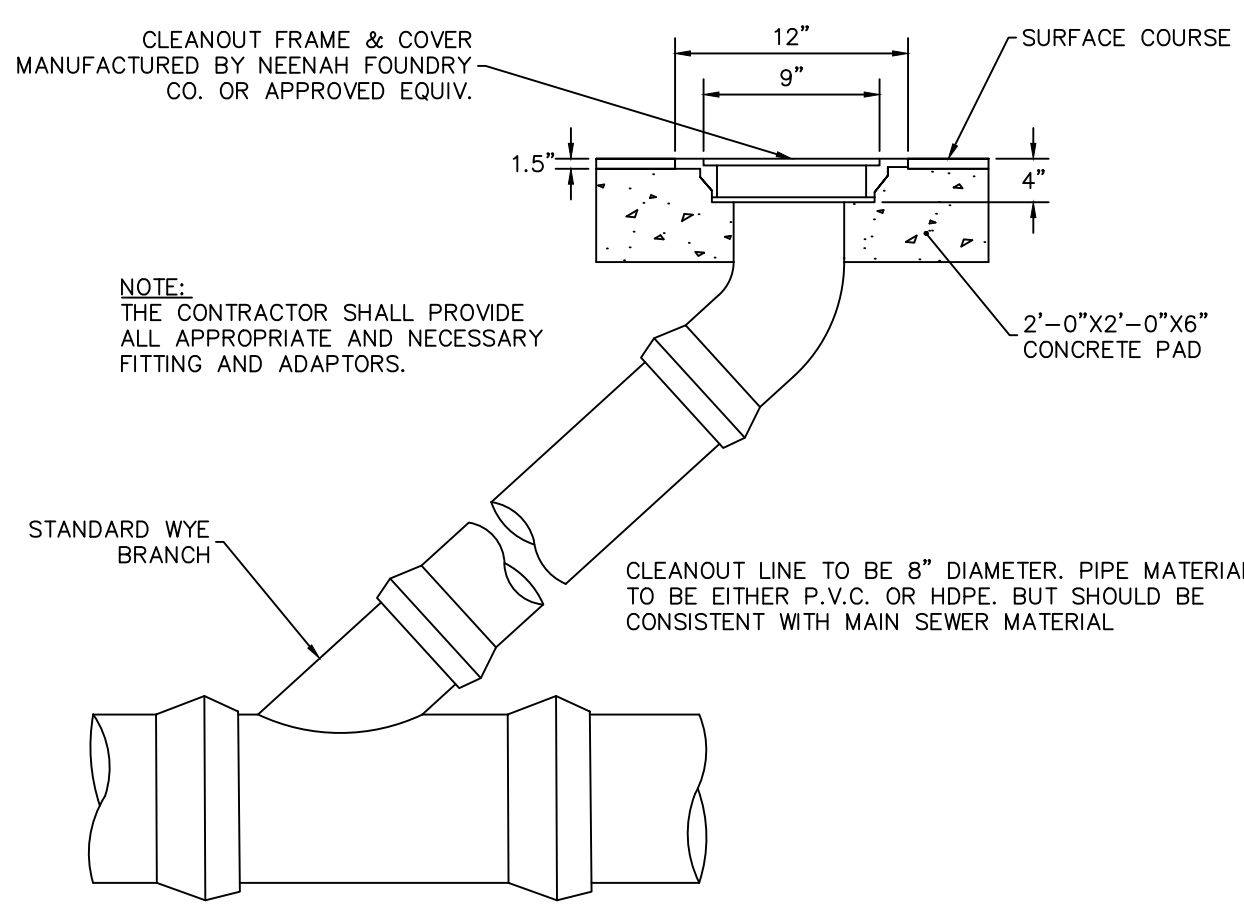
2 STORM PIPE BEDDING
N.T.S.



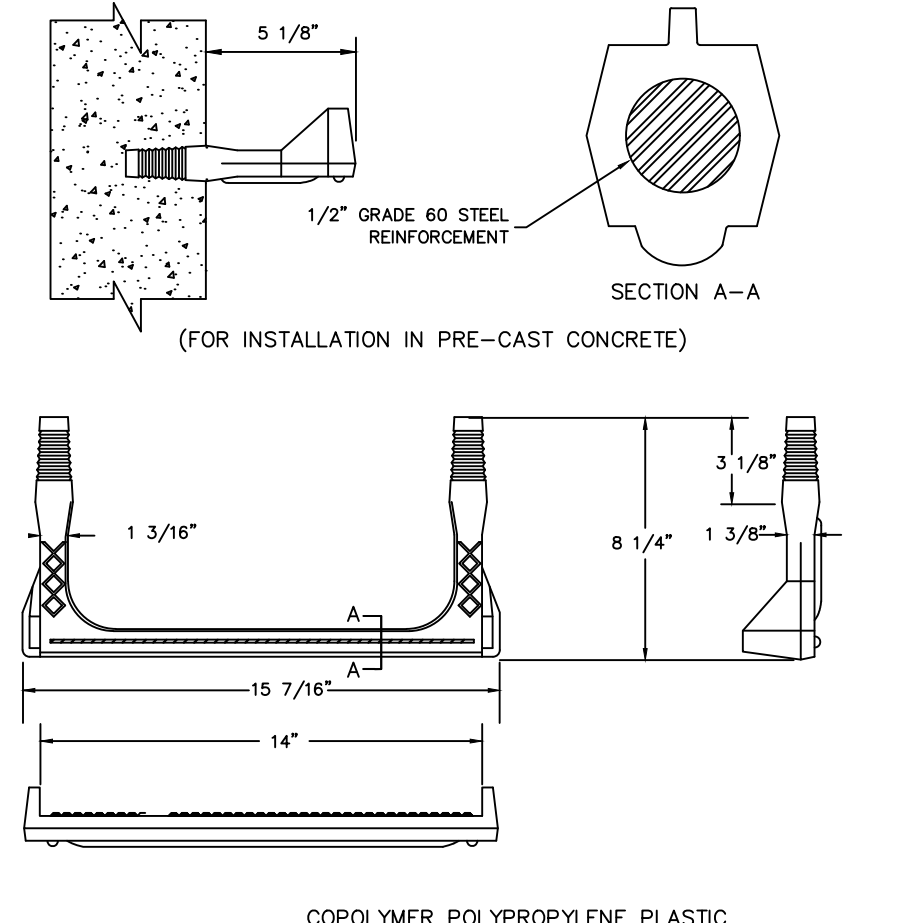
3 UNDERDRAIN
N.T.S.



4 TYPE "CL" SINGLE CATCHBASIN
N.T.S.



5 CLEANOUT (C.O.)
N.T.S.



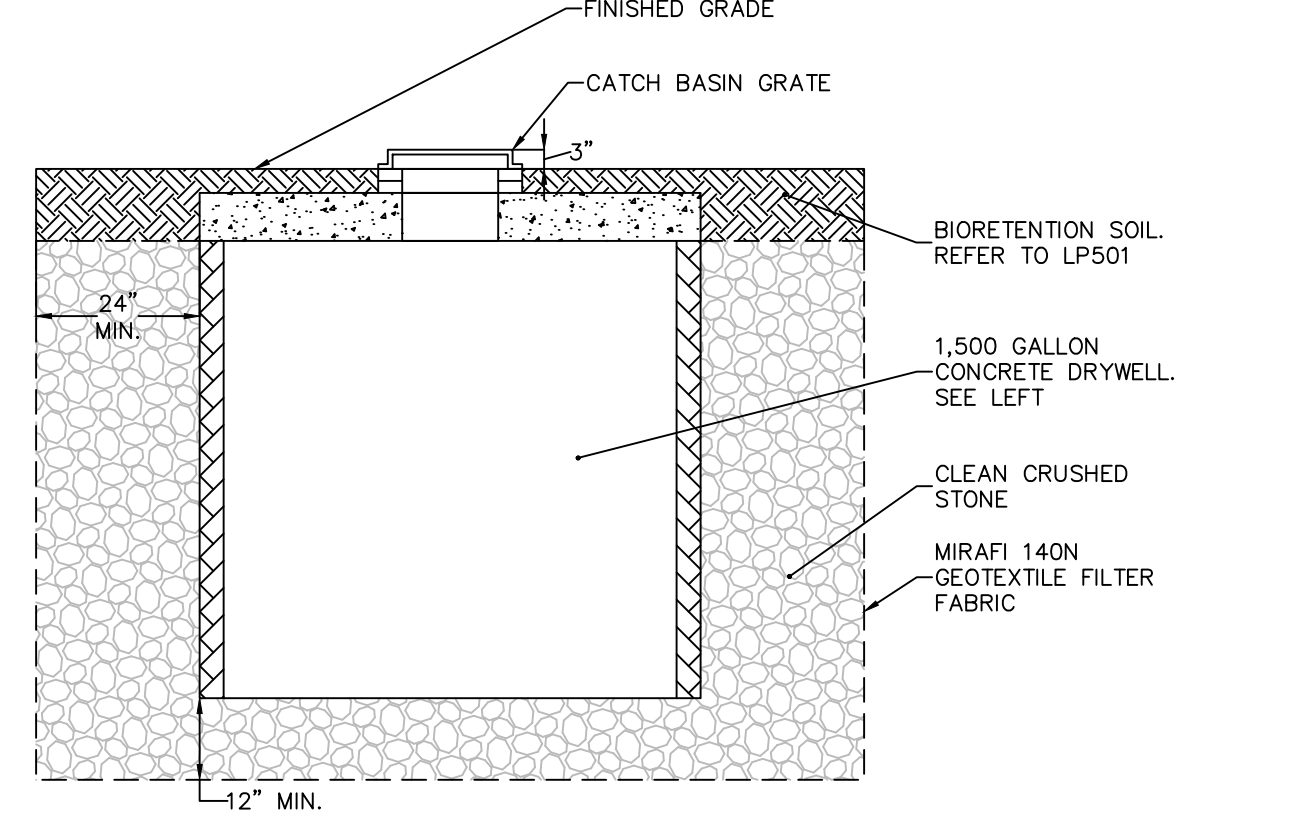
6 PLASTIC MANHOLE STEP
N.T.S.

| MODEL NO. | HEIGHT | INVERT | EFFECTIVE LENGTH | DRYWELL WEIGHT | NET WEIGHT |
|-----------|--------|--------|------------------|----------------|------------|
| DW021-06 | 22" | 61" | 81.25' | 220.1 | 138.5 |
| DW021-08 | 28" | 67" | 87.25' | 267.6 | 186.0 |

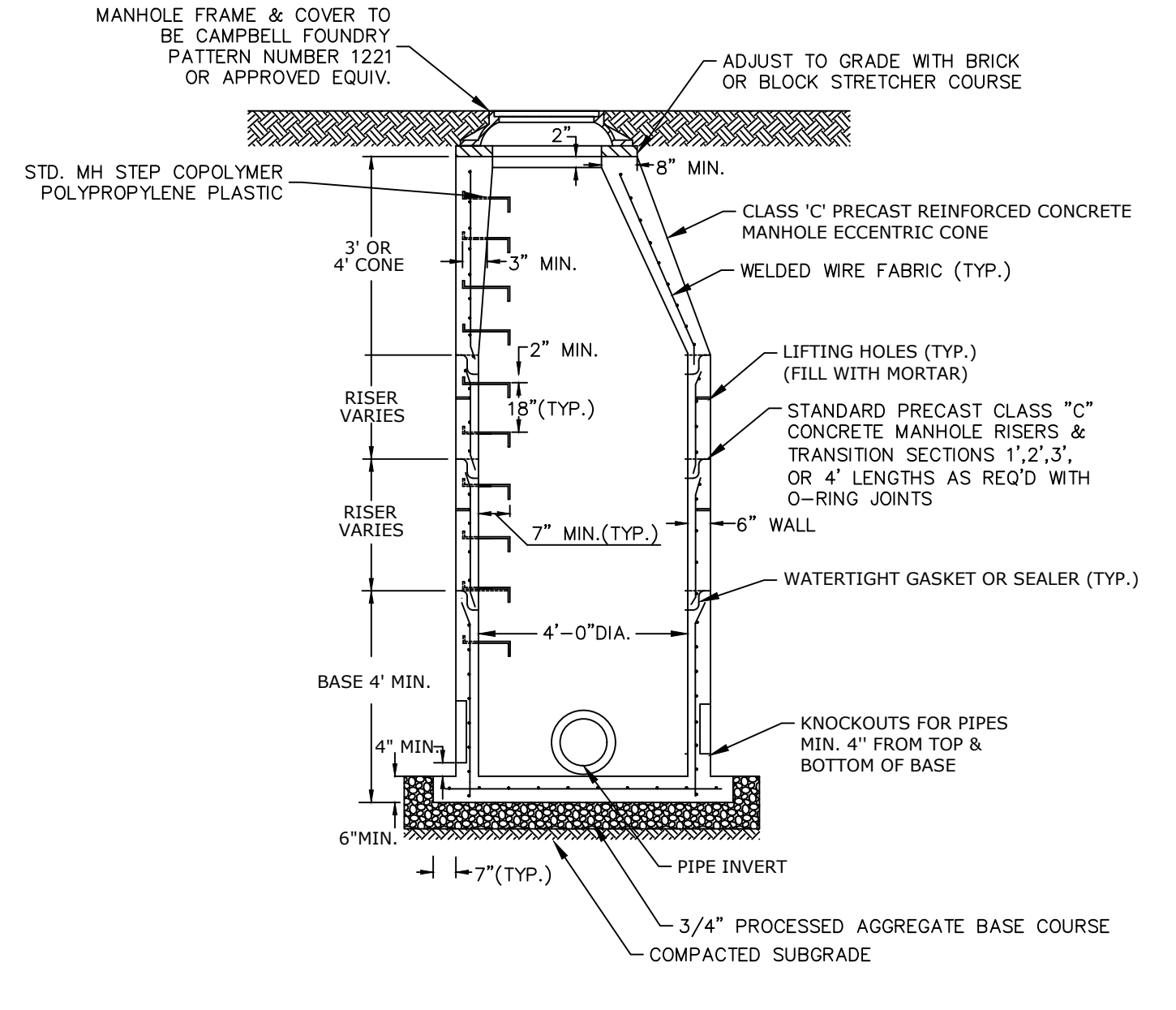
Drywells Catch Basin

PRECAST CONCRETE
 72" DIAMETER DRYWELL
 6' OR 8' NOMINAL HEIGHT

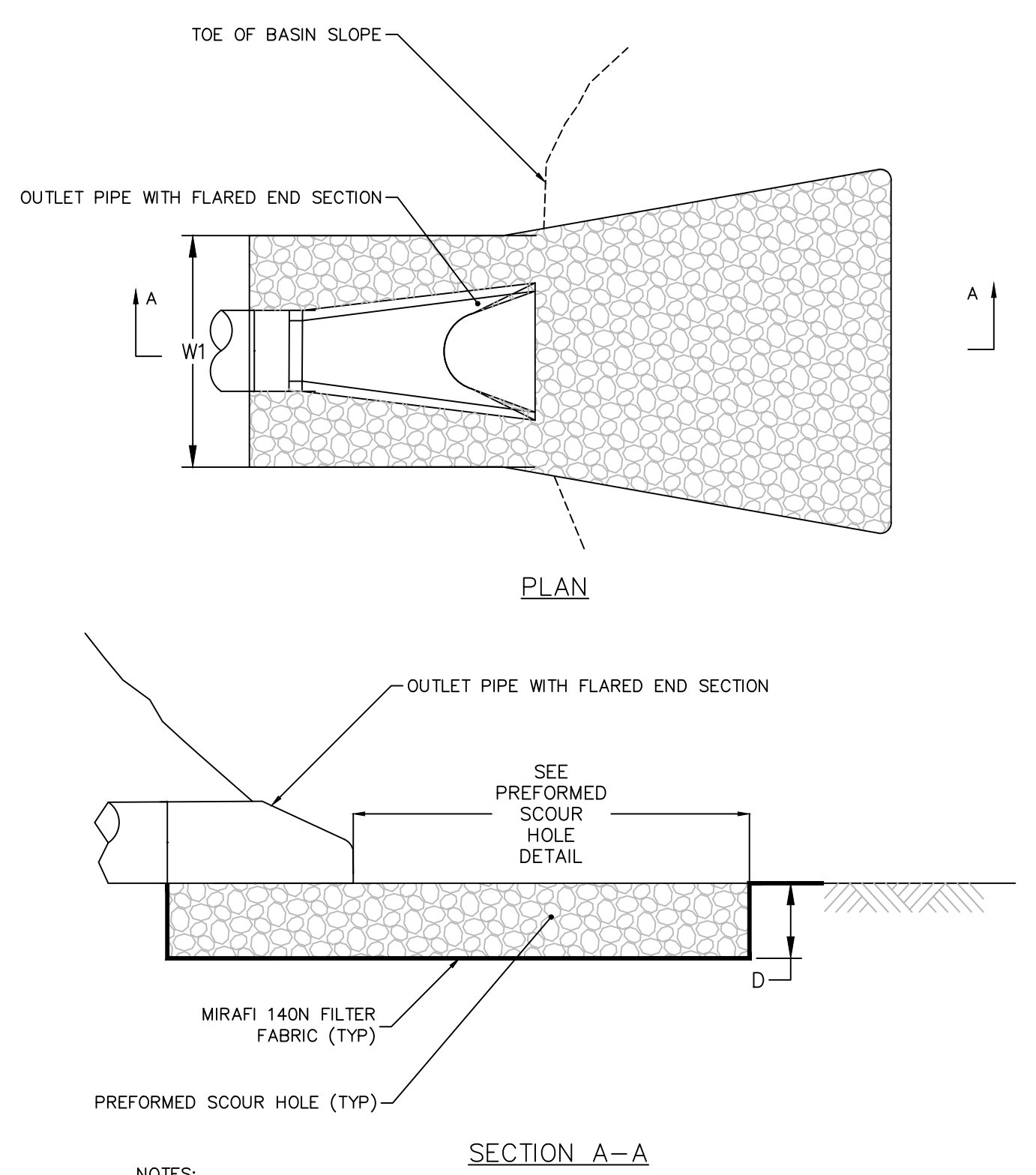
NOTES:
 1. Concrete - 5,000 PSI @ 28 DAYS.
 2. Strength based on ASTM C942.
 3. Steel reinforcement ASTM A615, Grade 60.1
 4. See top reinforcement with #3 rebar.
 5. Minimum 1/2" clear cover to rebar.
 6. Minimum 1/2" clear cover to top rebar placed on top.



7 DRYWELL
N.T.S.



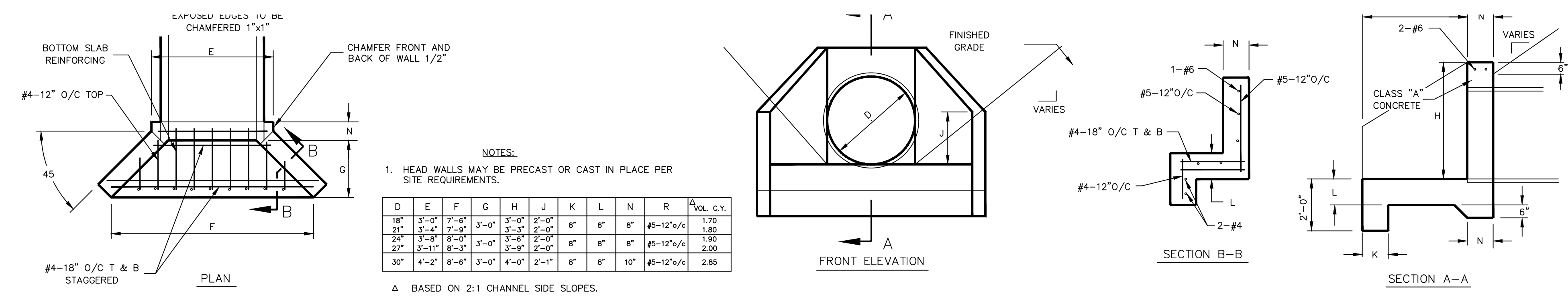
8 STORM MANHOLE
N.T.S.



9 FLARED END SECTION
N.T.S.

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| Date | Description | No. |
|---|-------------|------|
| Revisions | | |
| | | |
| Signature | | Date |
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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| GRADING & DRAINAGE DETAILS I | | |
| Project No. | Drawing No. | |
| 140258101 | CG501 | |
| Date | 01/13/2023 | |
| Drawn By | JMGM | |
| Checked By | DTG | |

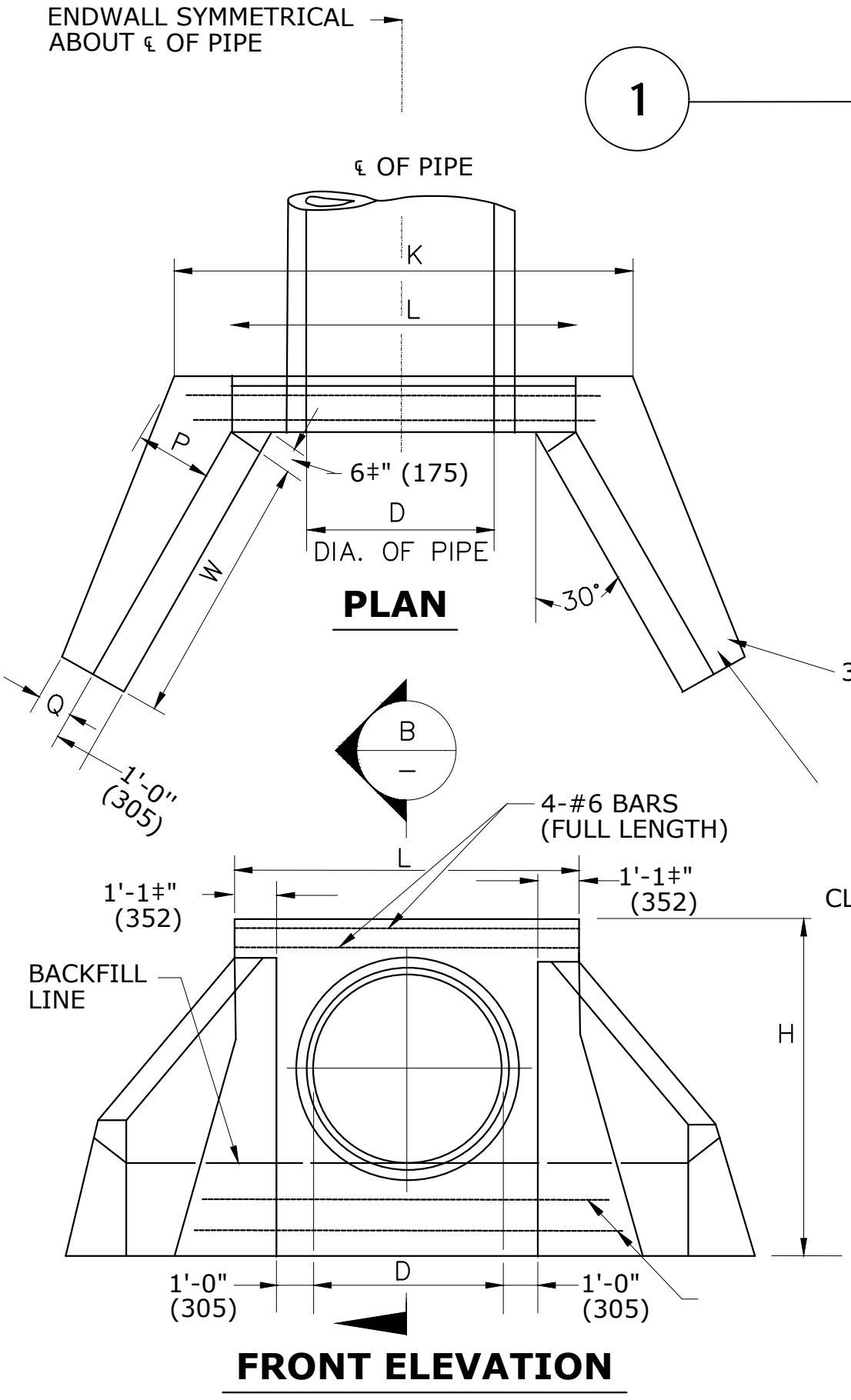


NOTES:
1. HEAD WALLS MAY BE PRECAST OR CAST IN PLACE PER SITE REQUIREMENTS.

| D | E | F | G | H | J | K | L | N | R | VOL. CU. Y. |
|-----|--------|-------|-------|-------|----|----|----|----------|------|-------------|
| 18" | 3'-0" | 7'-6" | 3'-0" | 2'-0" | 8" | 8" | 8" | #5-12"/c | 1.70 | |
| 21" | 3'-4" | 7'-9" | 3'-3" | 2'-0" | 8" | 8" | 8" | #5-12"/c | 1.80 | |
| 24" | 3'-8" | 8'-0" | 3'-0" | 2'-0" | 8" | 8" | 8" | #5-12"/c | 1.90 | |
| 27" | 3'-11" | 8'-3" | 3'-0" | 2'-0" | 8" | 8" | 8" | #5-12"/c | 2.00 | |
| 30" | 4'-2" | 8'-6" | 3'-0" | 2'-1" | 8" | 8" | 8" | #5-12"/c | 2.85 | |

Δ BASED ON 2:1 CHANNEL SIDE SLOPES.

HEADWALL (30" AND SMALLER)



DIMENSIONS AND QUANTITIES FOR ONE WING TYPE ENDWALL

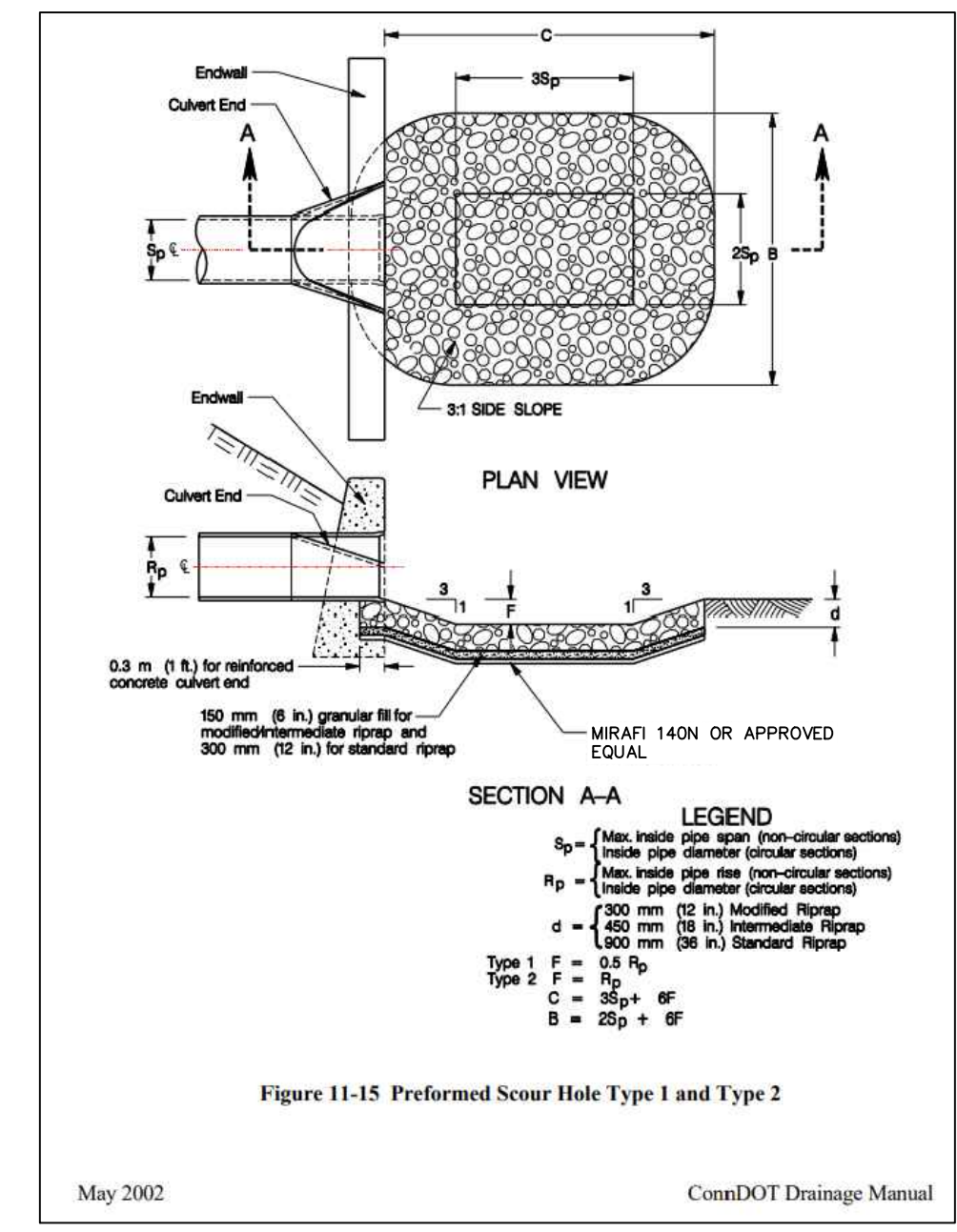
| D | B | C | G | H | K | L | P | Q | R | W | VOL |
|-----------|-------------|-------------|-------------|--------------|---------------|---------------|-------------|--------------|--------------|--------------|-------------|
| INS.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | FT.&IN.(mm) | CU.YD.(m) |
| 36"(914) | 1'-6" (457) | 2'-0"(610) | 3'-3"(991) | 6'-8"(2032) | 9'-1"(2781) | 7'-3"(2229) | 1'-4"(430) | 0'-9"(248) | 3'-4"(1038) | 5'-5"(1670) | 5.87(4.5) |
| 42"(1000) | 1'-6" (457) | 2'-0"(610) | 3'-3"(991) | 7'-2"(2184) | 9'-10" (3010) | 7'-9"(2381) | 1'-6"(470) | 0'-9"(248) | 3'-10"(1181) | 6'-7"(2026) | 6.67(5.1) |
| 48"(1200) | 1'-7" (483) | 2'-6"(762) | 3'-9"(1143) | 8'-2"(2489) | 10'-10"(3302) | 8'-3"(2534) | 1'-9"(540) | 0'-11¼"(286) | 4'-9"(1448) | 7'-9"(2375) | 9.11(7.0) |
| 60"(1500) | 1'-7" (483) | 2'-6"(762) | 3'-9"(1143) | 9'-2"(2794) | 12'-4" (3772) | 9'-3"(2838) | 2'-0"(620) | 0'-11¼"(286) | 5'-9"(1753) | 10'-1"(3080) | 12.43(9.5) |
| 72"(1800) | 1'-7" (483) | 2'-6"(762) | 3'-9"(1143) | 10'-2"(3099) | 13'-10"(4235) | 10'-3" (3143) | 2'-3"(690) | 0'-11¼"(286) | 6'-9"(2057) | 12'-5"(3785) | 16.30(12.5) |

HEADWALL (36" AND LARGER)

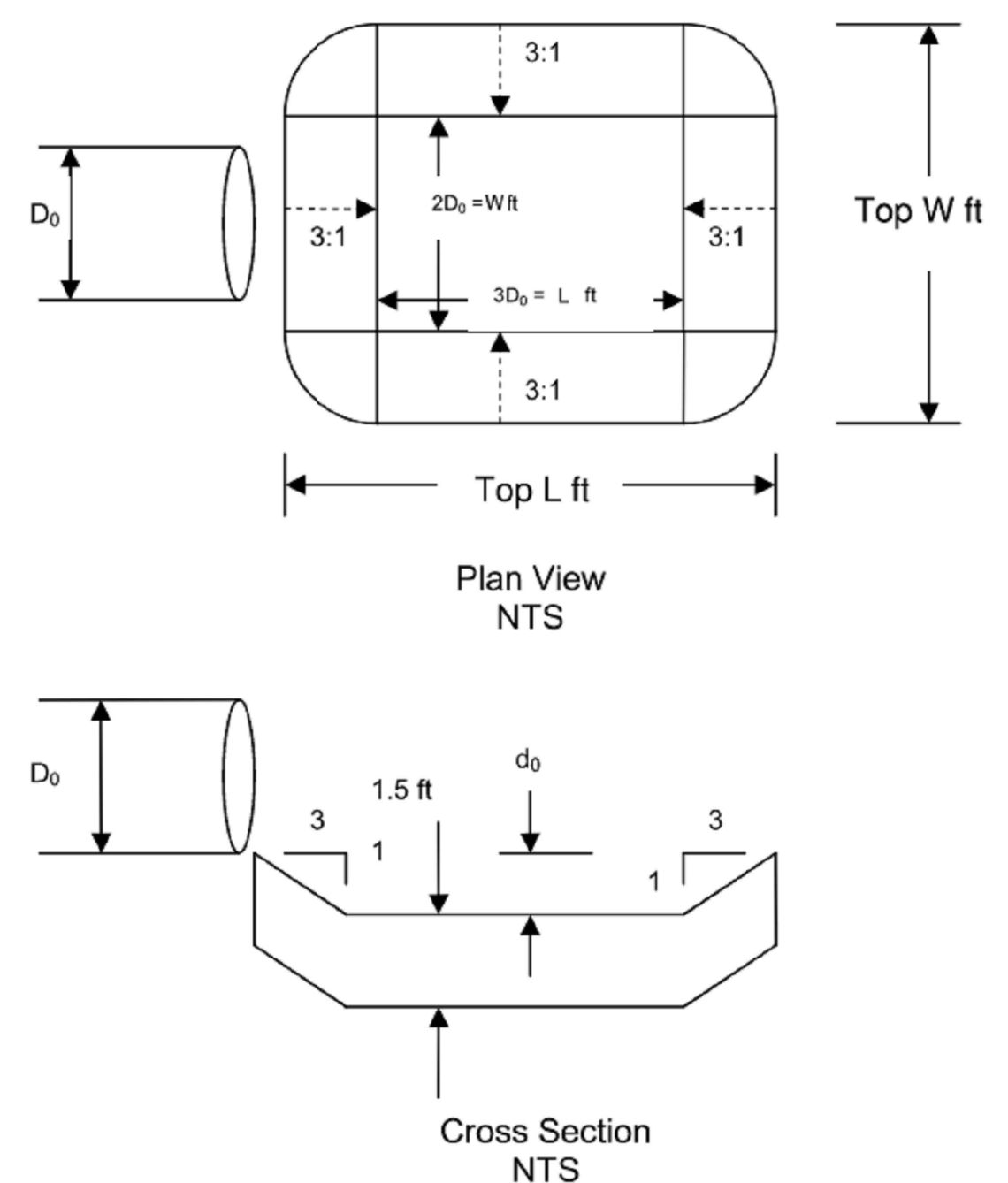
4-#6 BARS (FULL LENGTH)

MINIMUM SCOUR HOLE SIZING

| STRUCTURE | FES/HW DIAMETER (INCH) | d ₀ (INCH) | TOP W [FT] | BOTTOM W [FT] | TOP L [FT] | BOTTOM L [FT] | RIPRAP [INCH] |
|-----------|------------------------|-----------------------|------------|---------------|------------|---------------|----------------|
| HW A-301 | 42" | 42" | 28 | 7 | 31.5 | 10.5 | 12" (MODIFIED) |
| HW B-101 | 42" | 42" | 28 | 7 | 31.5 | 10.5 | 12" (MODIFIED) |
| FES B-102 | 18" | 18" | 12 | 3 | 13.5 | 4.5 | 12" (MODIFIED) |
| HW B-103 | 30" | 30" | 20 | 5 | 22.5 | 7.5 | 12" (MODIFIED) |
| FES B-104 | 18" | 18" | 12 | 3 | 13.5 | 4.5 | 12" (MODIFIED) |



PREFORMED SCOUR HOLE



STORM DRAIN OUTLET PIPE HOOD

PRODUCT DETAIL

FRONT VIEW SIDE VIEW

NOMINAL SIZING INFORMATION

| PRODUCT NAME | HEIGHT (H) | WIDTH (W) | DEPTH (D) | OPENING AREA |
|--------------|------------|-----------|-----------|--------------|
| STKS-18 | 32.84" | 23" | 11.84" | 1,063 sf |
| STKS-24 | 39.31" | 37" | 11.84" | 1,906 sf |
| STKS-30 | 45.15" | 40" | 15.9" | 2,907 sf |
| STKS-18R | 32.97" | 23.05" | 10.55" | 1,068 sf |
| STKS-24R | 39.20" | 34.36" | 7.626" | 1,872 sf |

NOTES:
a. REFERENCE CURRENT INSTALLATION INSTRUCTIONS FOR PROPER INSTALLATION PRACTICES.

BRENTWOOD STORMTANK SHIELD

Date Description No.

Revisions

Signature Date

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Project

BLUEPRINT ROBOTICS

11 GOODWIN DRIVE
WINDSOR CONNECTICUT

Drawing Title

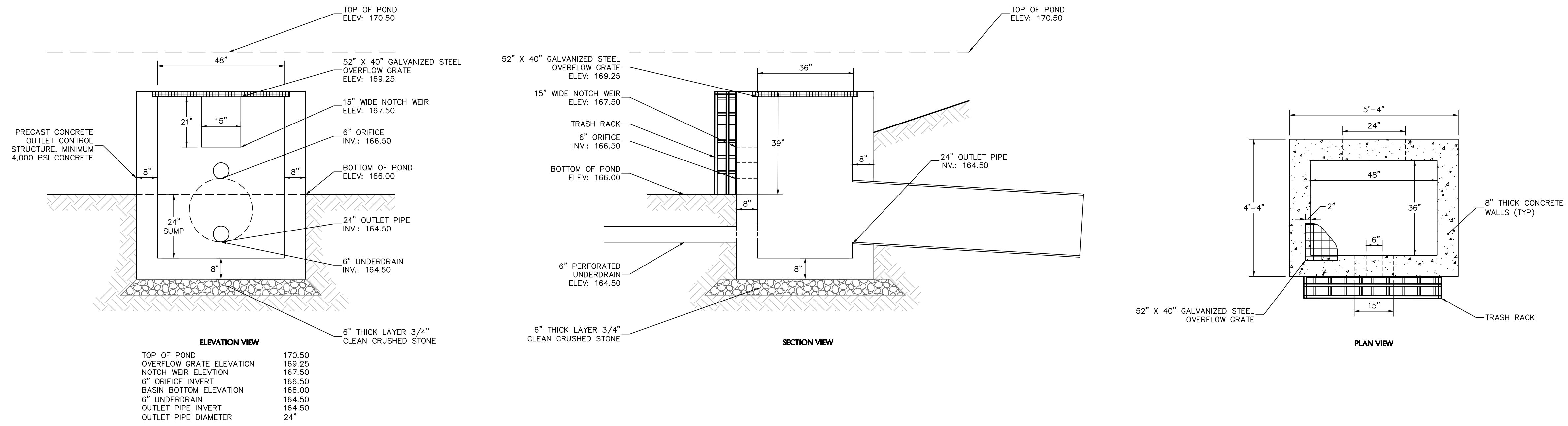
GRADING & DRAINAGE DETAILS II

Project No. 140258101 Drawing No. CG502

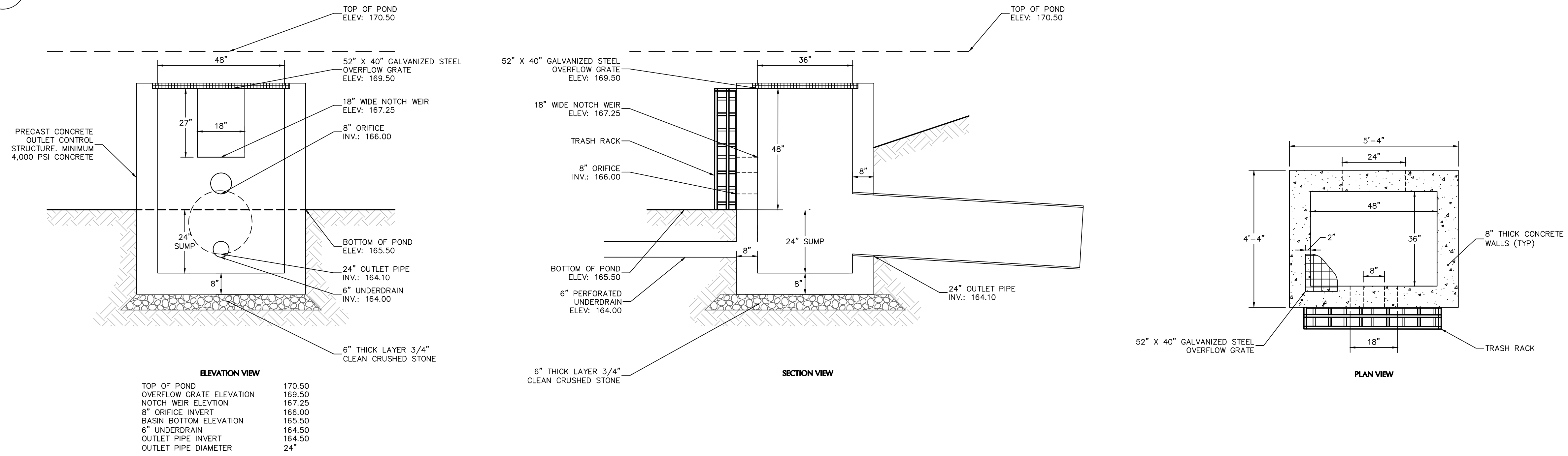
Date 01/13/2023

Drawn By JMG

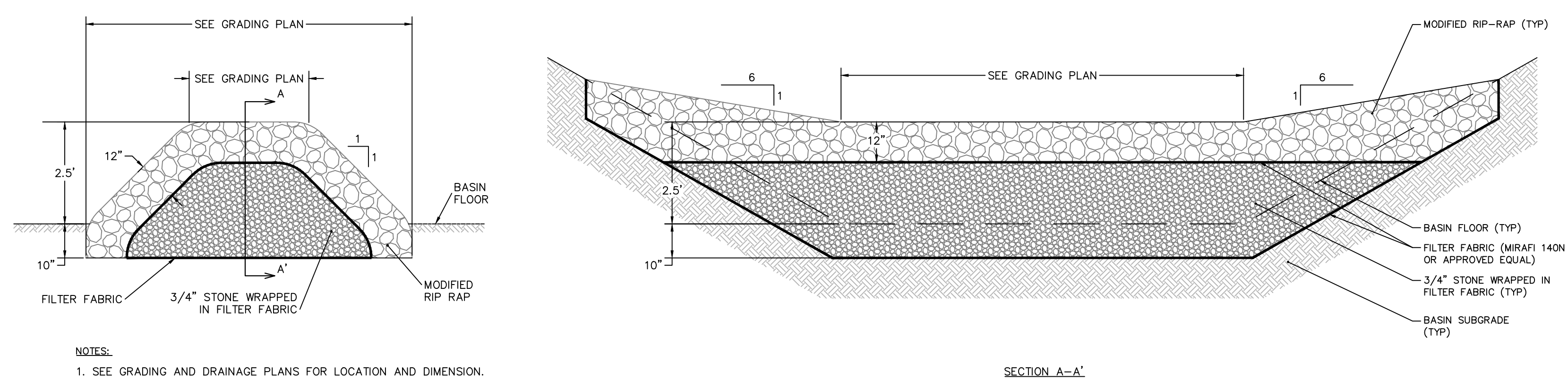
Checked By DTG



OUTLET CONTROL STRUCTURE A-301 (OCS A-301)



OUTLET CONTROL STRUCTURE B-101 (OCS B-101)



RIP-RAP FILTER BERM

NOTES:
1. SEE GRADING AND DRAINAGE PLANS FOR LOCATION AND DIMENSION.

3

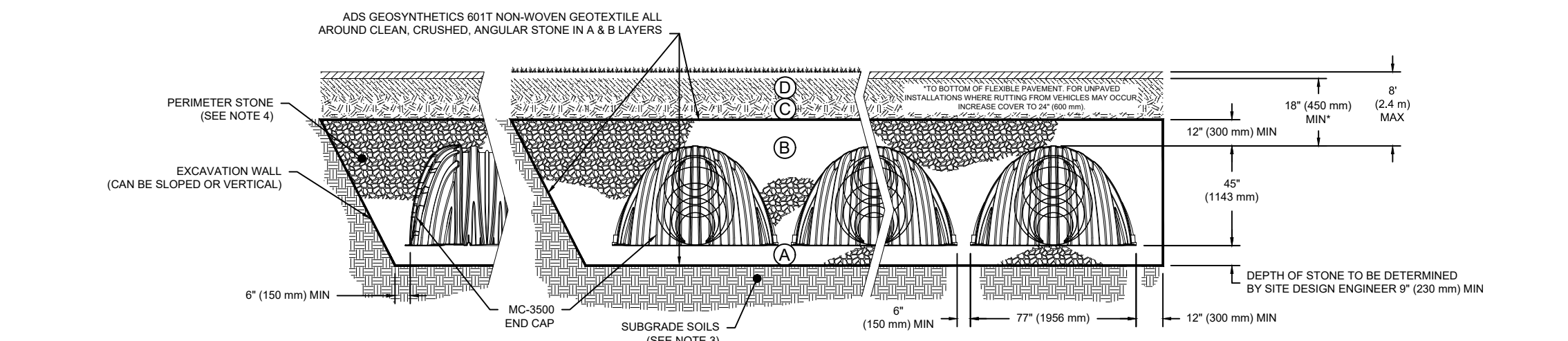
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| Signature | | Date |
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| Project | | |
| BLUEPRINT ROBOTICS | | |
| 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| GRADING & DRAINAGE DETAILS III | | |
| Project No. | Drawing No. | |
| 140258101 | CG503 | |
| Date | | |
| 01/13/2023 | | |
| Drawn By | | |
| Checked By | DTG | |

ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

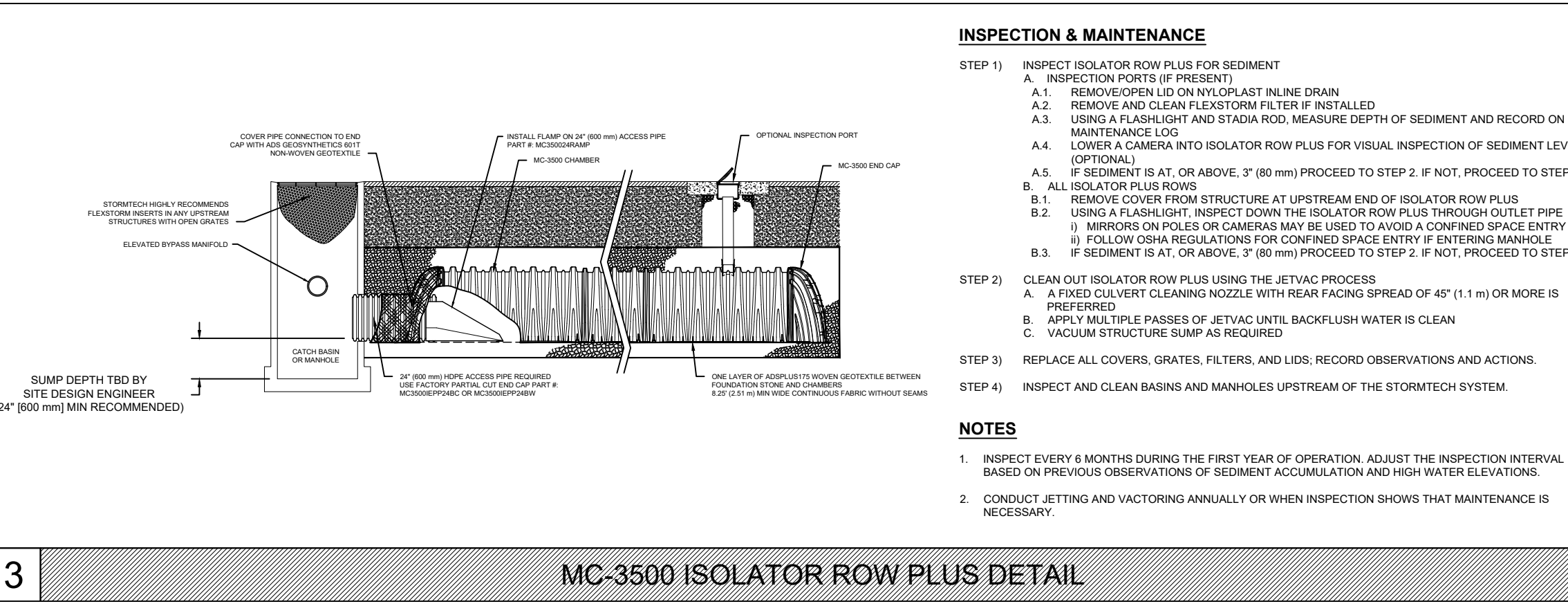
| MATERIAL LOCATION | DESCRIPTION | AASHTO MATERIAL CLASSIFICATIONS | COMPACTION / DENSITY REQUIREMENT |
|-------------------|--|---|---|
| D | FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER. | N/A | PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS. |
| C | INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE (A LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER. | AASHTO M140 ¹ A-1, A-2.4, A-3 OR AASHTO M31 ² 3, 357, 4, 487, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10 | BEGIN COMPACTIONS AFTER 3" (80 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR PROCESSED AGGREGATE MATERIALS. |
| B | EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A LAYER) TO THE 'C' LAYER ABOVE. | AASHTO M3 ³ 3.4 | NO COMPACTION REQUIRED. |
| A | FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER. | AASHTO M3 ³ 3.4 | FLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3} |

PLEASE NOTE:
 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M3) STONE."
 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR A LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 4. ONCE LAYER 'C' IS PLACED, ANY SOIL MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



NOTES:
 1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 4570 DESIGNATION B5.
 2. MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2797 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
 3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
 4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
 5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
 • TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LOGS.
 • TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
 • TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 4.2.2 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LB/FT².
 (AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

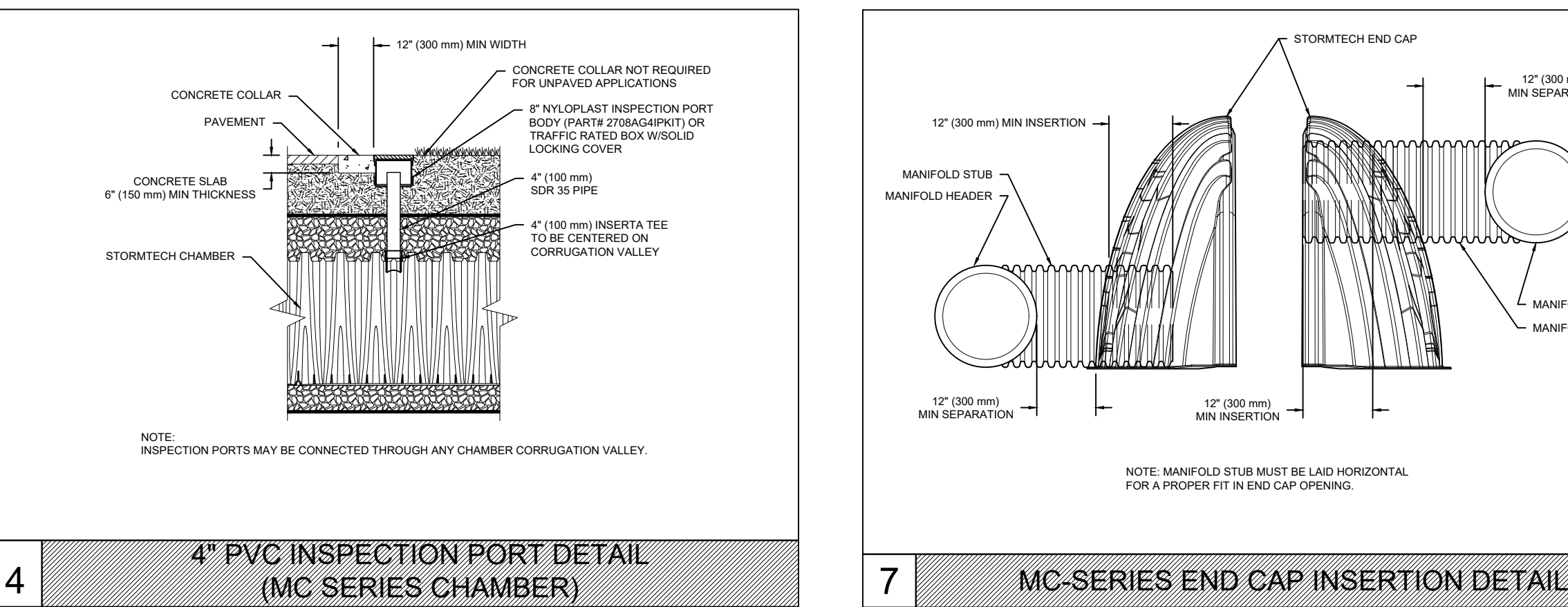
MC-3500 CROSS SECTION DETAIL



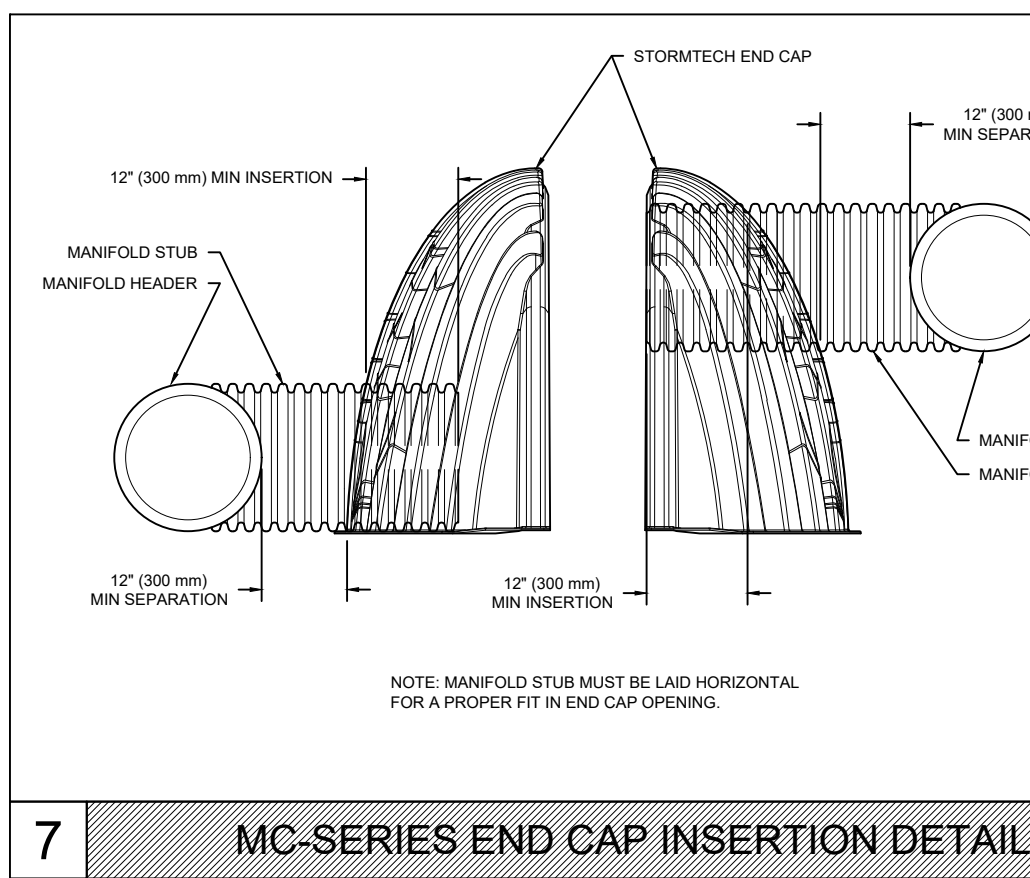
INSPECTION & MAINTENANCE
 STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
 A. INSPECTION PORTS (IF PRESENT)
 A.1. REMOVE TOP LID ON NYLOPLAST INLINE DRAIN
 A.2. REMOVE AND CLEAN FLEXFORM INSERT IF INSTALLED
 A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 A.5. IF SEDIMENT IS AT OR ABOVE 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 B. ALL ISOLATOR PLUS ROWS
 B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 B.3. MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 B.4. FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 B.5. IF SEDIMENT IS AT OR ABOVE 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
 A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
 B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKLUSH WATER IS CLEAN
 C. VACUUM STRUCTURE SUMP AS REQUIRED
 STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
 STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES:
 1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
 2. CONDUCT JETTING AND VACUUMING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

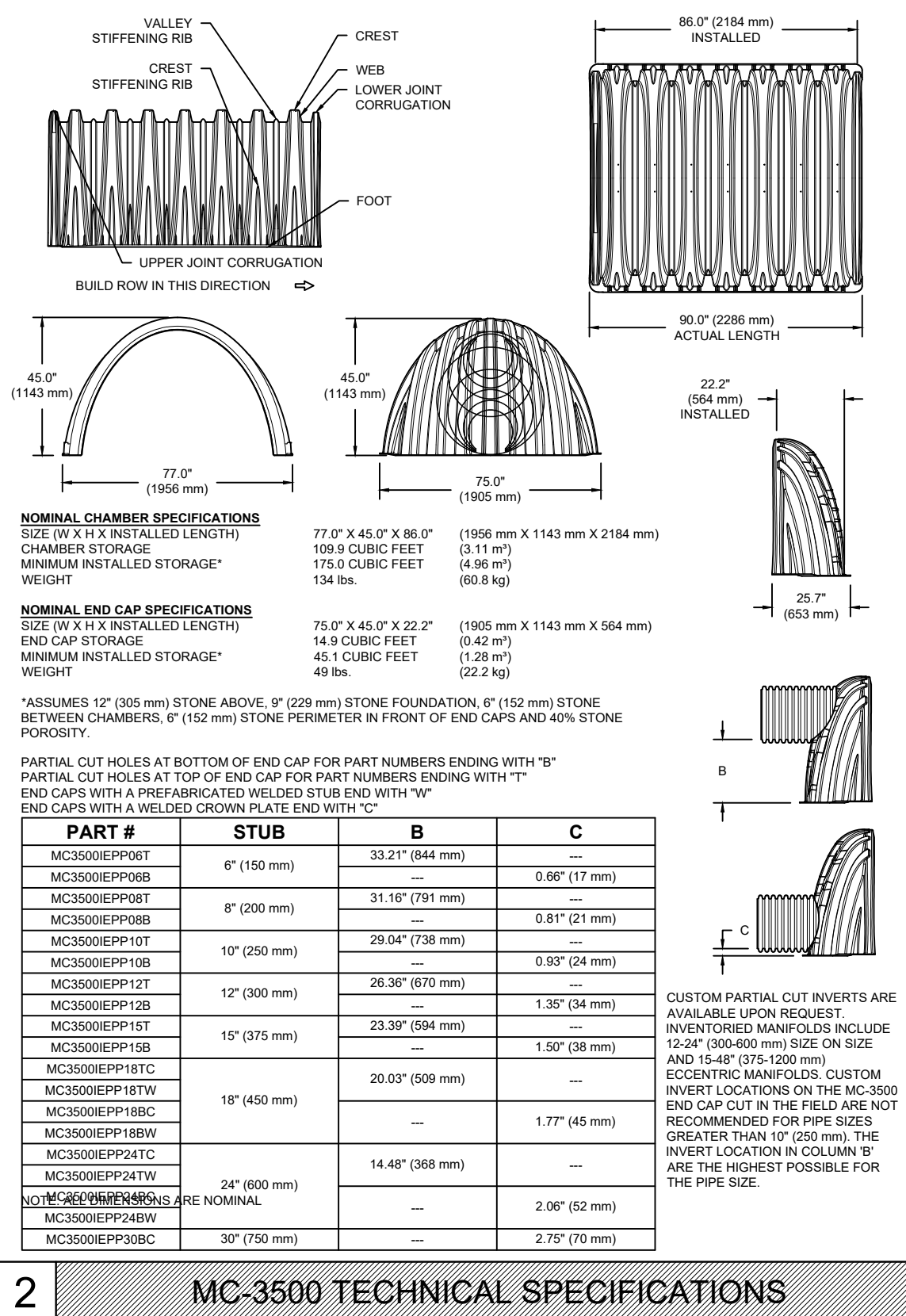
MC-3500 ISOLATOR ROW PLUS DETAIL



4\"/>



MC-SERIES END CAP INSERTION DETAIL



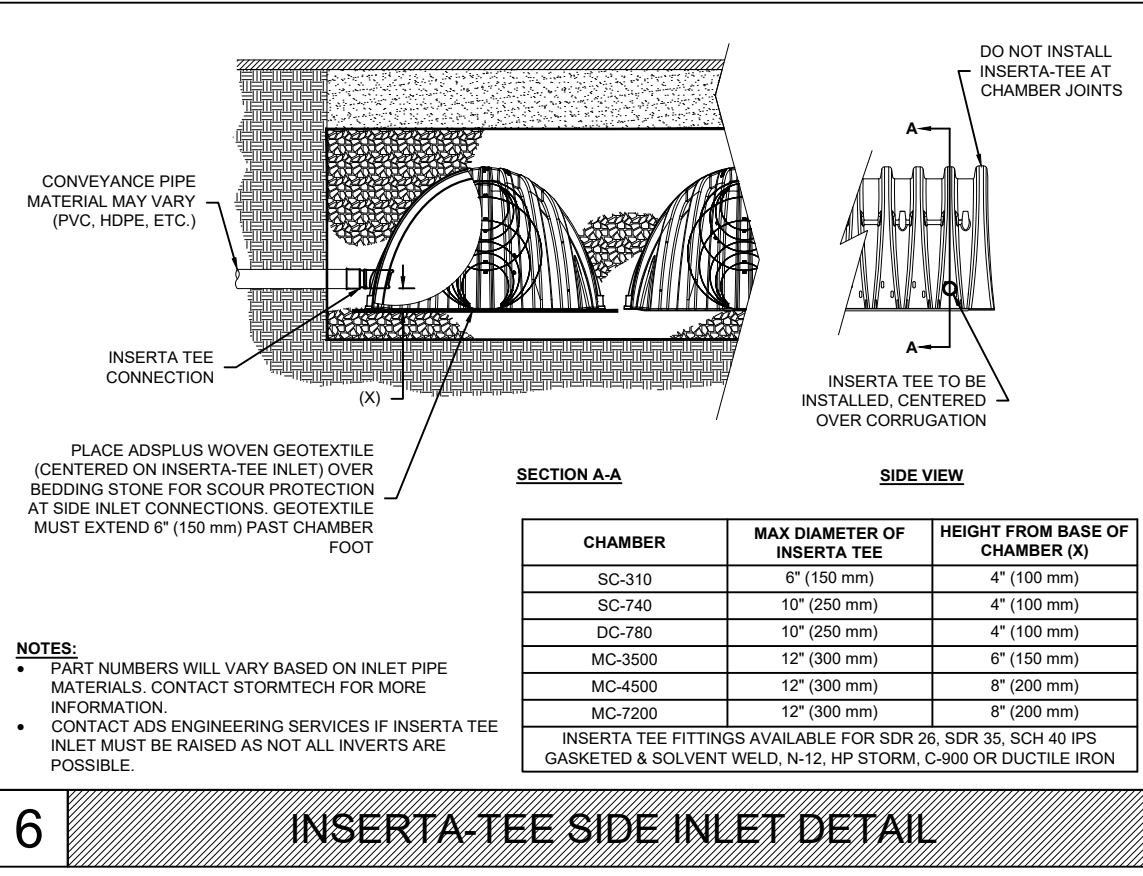
NOMINAL CHAMBER SPECIFICATIONS
 SIZE (W X H X INSTALLED LENGTH) 77.0\"/>

| PART # | STUB | B | C |
|-------------|-------|---|---|
| MC3500EP06T | 6\"/> | | |

NOMINAL END CAP SPECIFICATIONS
 SIZE (W X H X INSTALLED LENGTH) 75.0\"/>

| PART # | STUB | B | C |
|-------------|-------|---|---|
| MC3500EP06T | 6\"/> | | |

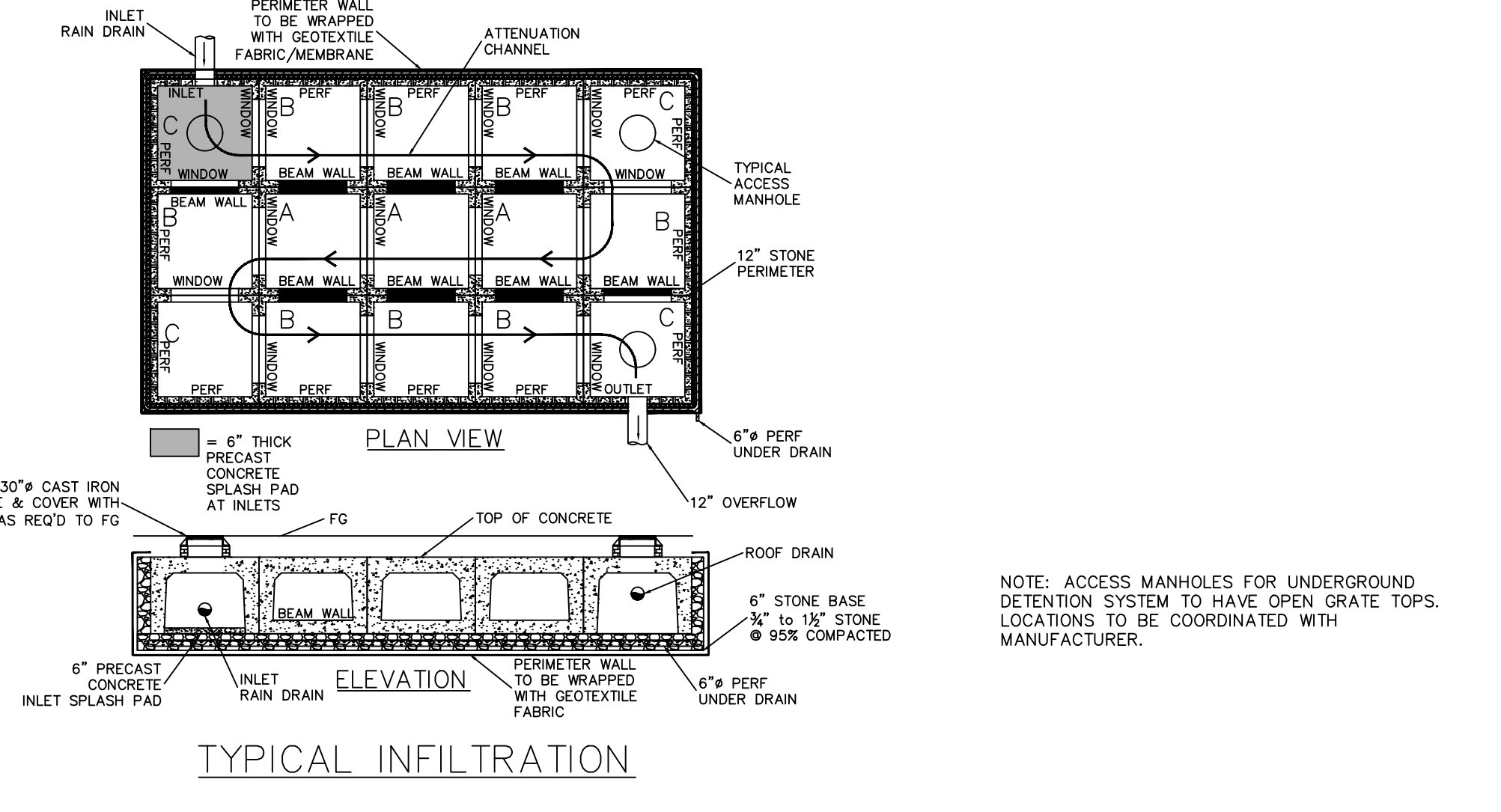
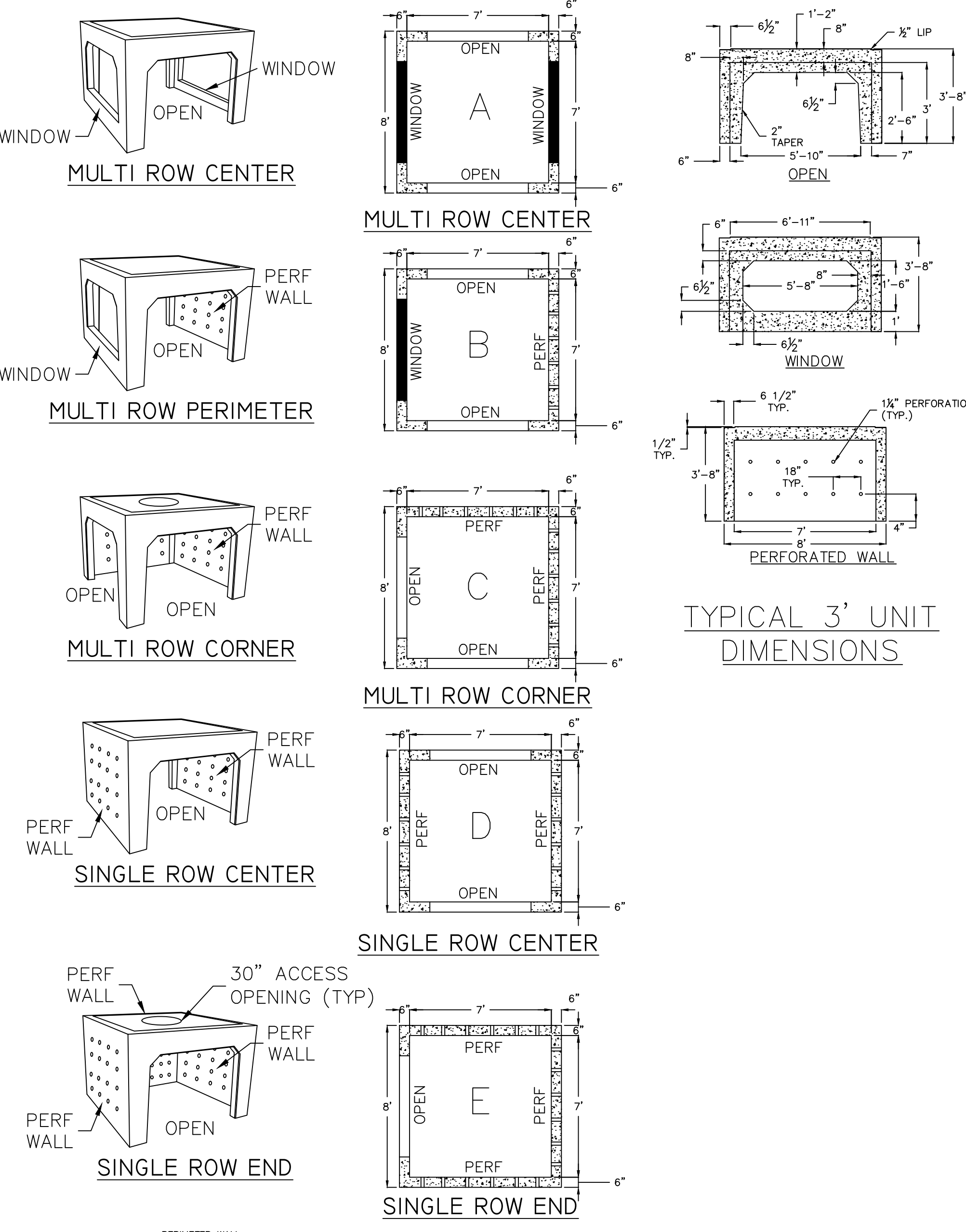
MC-3500 TECHNICAL SPECIFICATIONS



| CHAMBER | MAX DIAMETER OF INSERTA-TEE | HEIGHT FROM BASE OF CHAMBER TO |
|---------|-----------------------------|--------------------------------|
| SC-310 | 6\"/> | |

NOTES:
 1. PART NUMBERS WILL VARY BASED ON INLET PIPE MATERIALS. CONTACT STORMTECH FOR MORE INFORMATION.
 2. CONTACT ADS ENGINEERING SERVICES IF INSERTA-TEE INLET MUST BE RAISED AS NOT ALL INVERTS ARE POSSIBLE.
 INSERTA-TEE FITTINGS AVAILABLE FOR SIZE 3/4, 1, 1 1/2, 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 42, 48, 60, 72, 84, 96, 108, 120, 144, 168, 192, 216, 240, 270, 300, 324, 360, 396, 432, 468, 504, 540, 576, 612, 648, 684, 720, 756, 792, 828, 864, 900, 936, 972, 1008, 1044, 1080, 1116, 1152, 1188, 1224, 1260, 1296, 1332, 1368, 1404, 1440, 1476, 1512, 1548, 1584, 1620, 1656, 1692, 1728, 1764, 1800, 1836, 1872, 1908, 1944, 1980, 2016, 2052, 2088, 2124, 2160, 2196, 2232, 2268, 2304, 2340, 2376, 2412, 2448, 2484, 2520, 2556, 2592, 2628, 2664, 2700, 2736, 2772, 2808, 2844, 2880, 2916, 2952, 2988, 3024, 3060, 3096, 3132, 3168, 3204, 3240, 3276, 3312, 3348, 3384, 3420, 3456, 3492, 3528, 3564, 3600, 3636, 3672, 3708, 3744, 3780, 3816, 3852, 3888, 3924, 3960, 3996, 4032, 4068, 4104, 4140, 4176, 4212, 4248, 4284, 4320, 4356, 4392, 4428, 4464, 4500, 4536, 4572, 4608, 4644, 4680, 4716, 4752, 4788, 4824, 4860, 4896, 4932, 4968, 5004, 5040, 5076, 5112, 5148, 5184, 5220, 5256, 5292, 5328, 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INSERTA-TEE SIDE INLET DETAIL



TYPICAL INFILTRATION

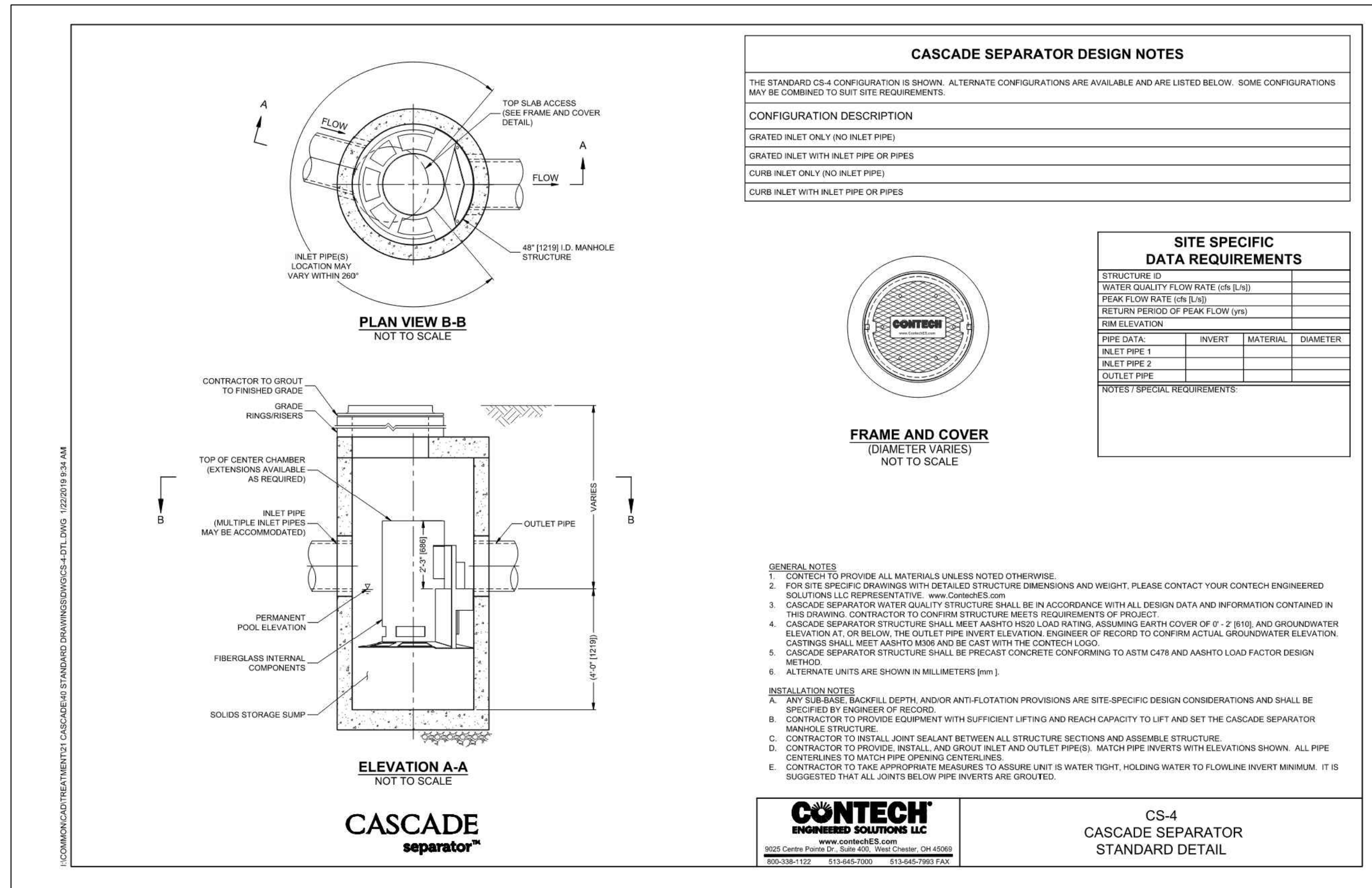
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| Date | Description | No. |
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| Revisions | | |
| | | |
| Signature | | Date |

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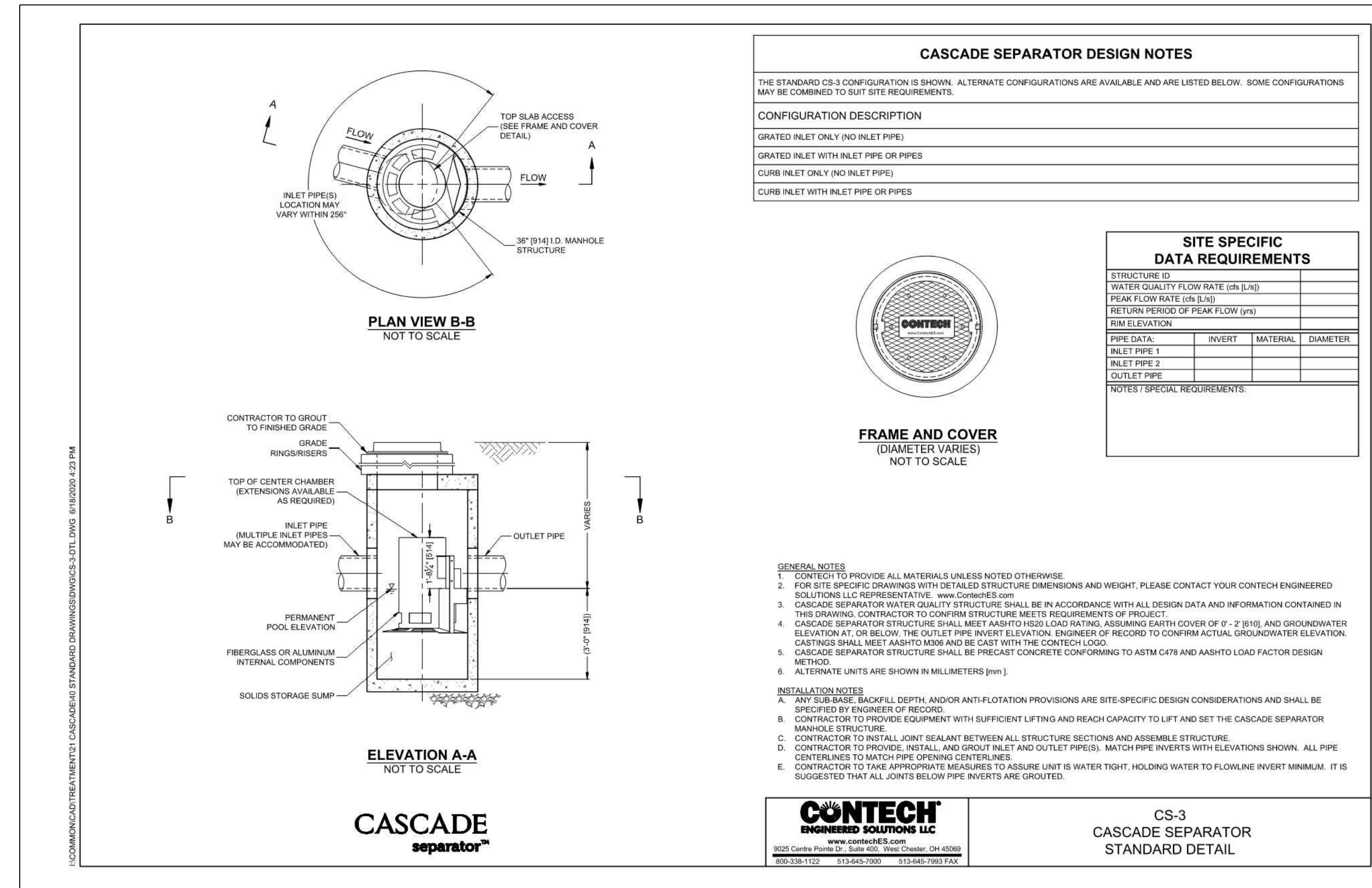
Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
WINDSOR CONNECTICUT
 Drawing Title

| GRADING & DRAINAGE DETAILS IV | |
|--|-------------|
| Project No. | Drawing No. |
| 140258101 | CG504 |
| Date | |
| 03/28/2023 | |
| Drawn By | |
| JMGM | |
| Checked By | |
| DTG | |



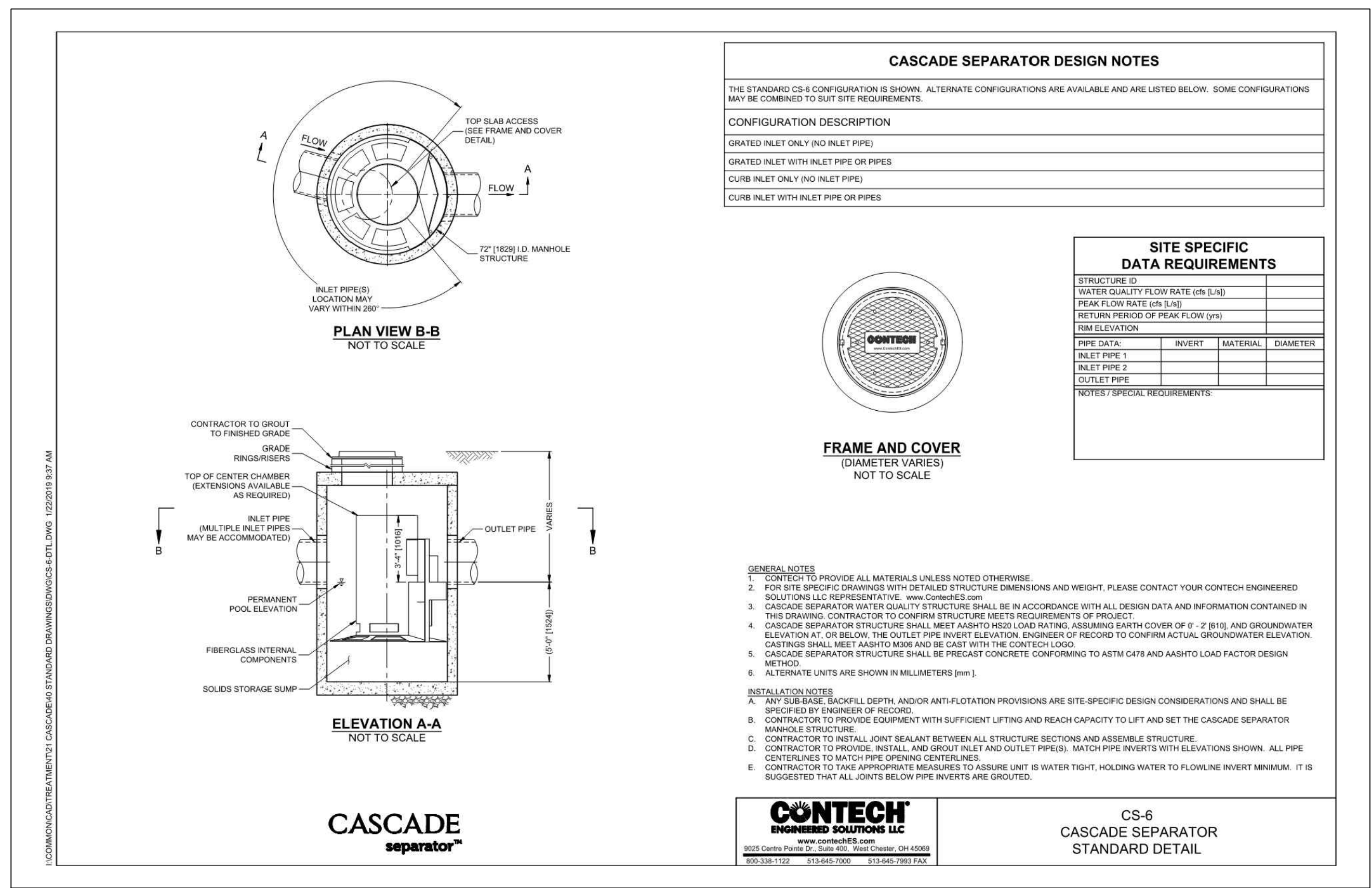
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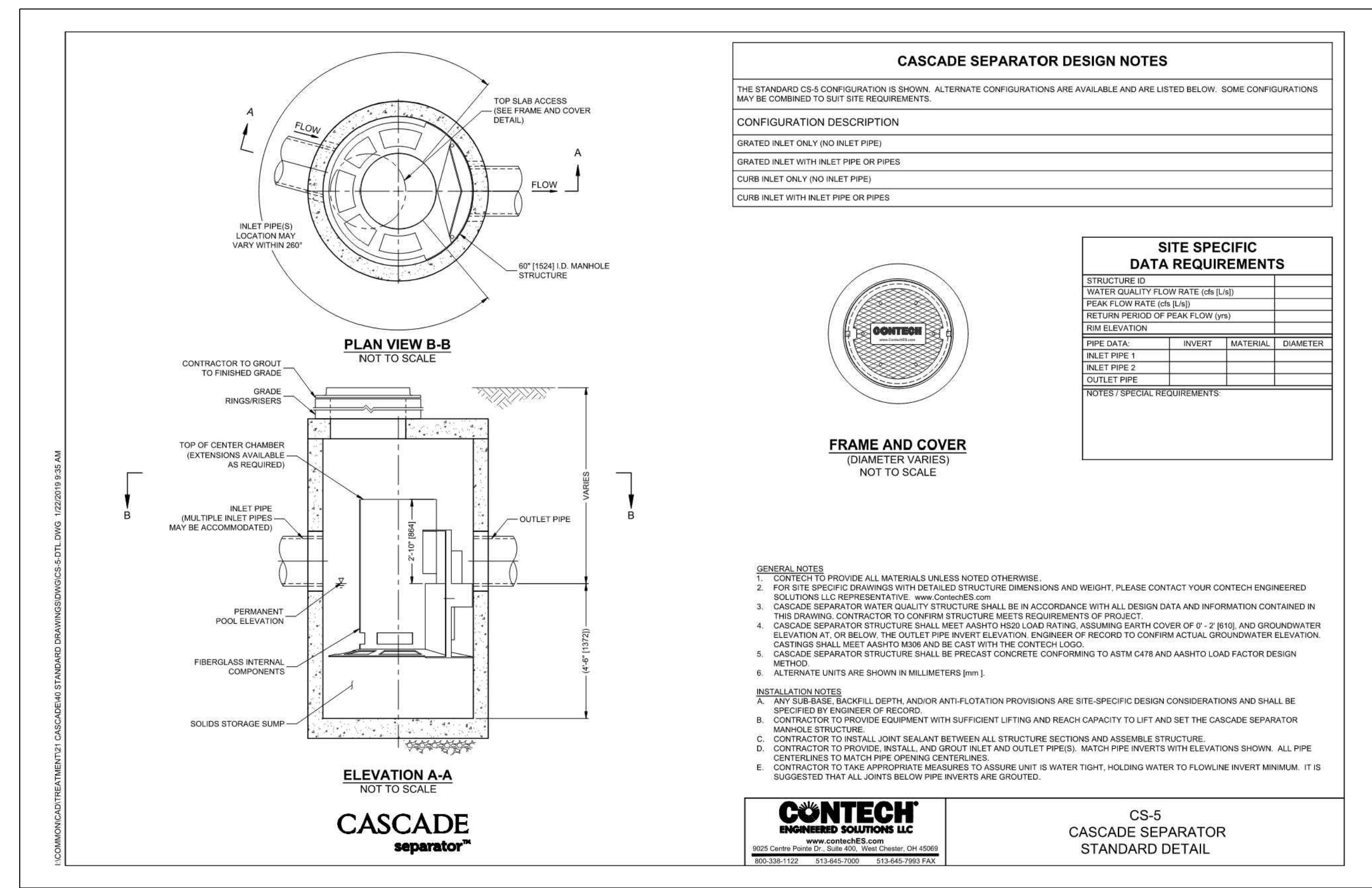
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N.T.S.




3 WATER QUALITY UNIT A-201 (WQU A-201)

N.T.S.



4 WATER QUALITY UNIT B-201 (WQU B-201)

N.T.S.

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Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT

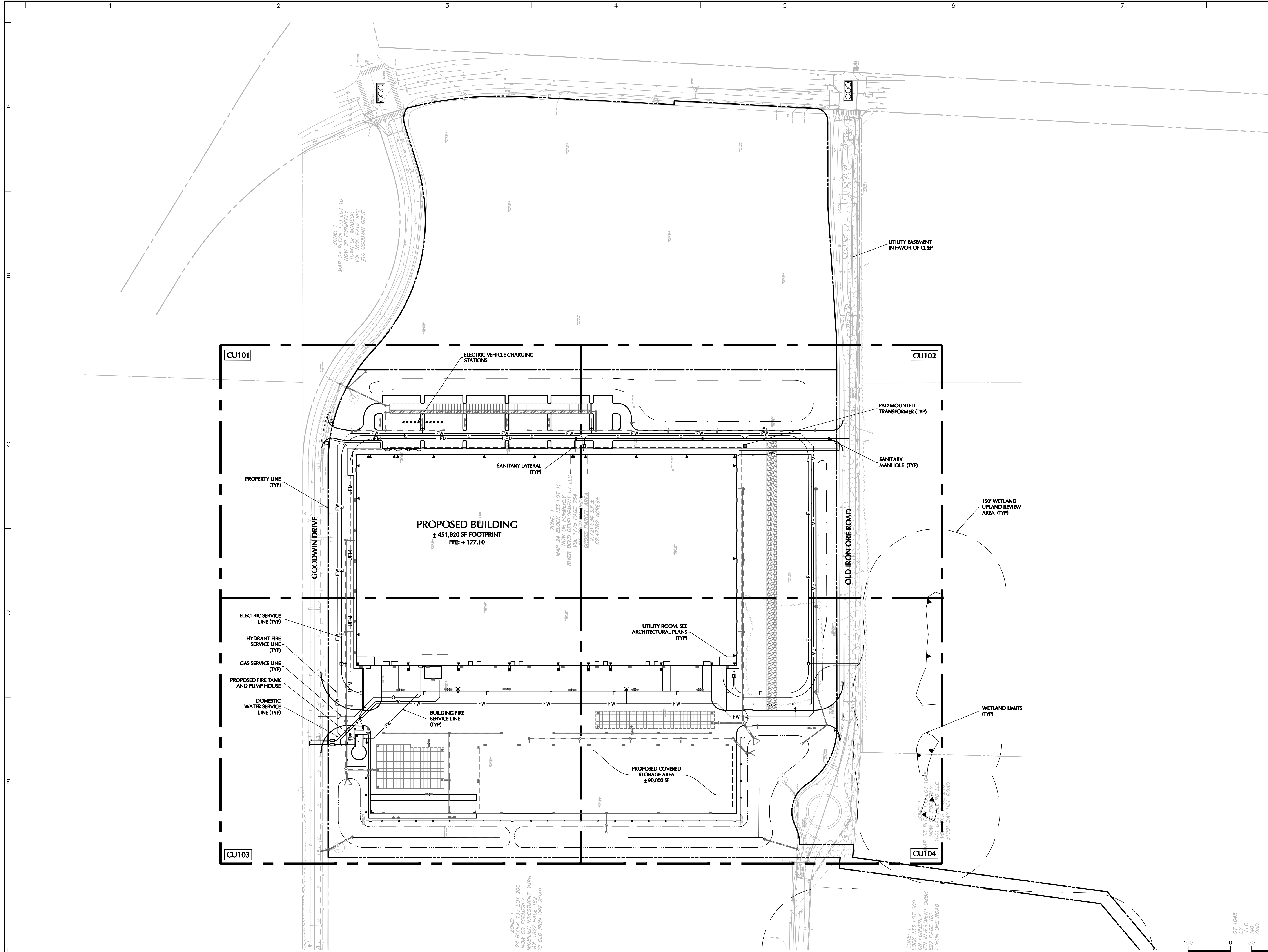
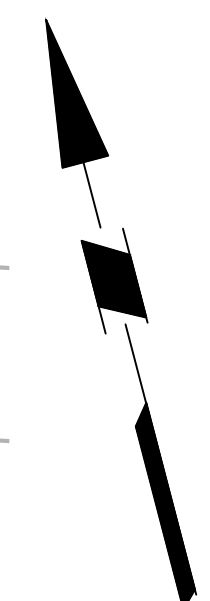
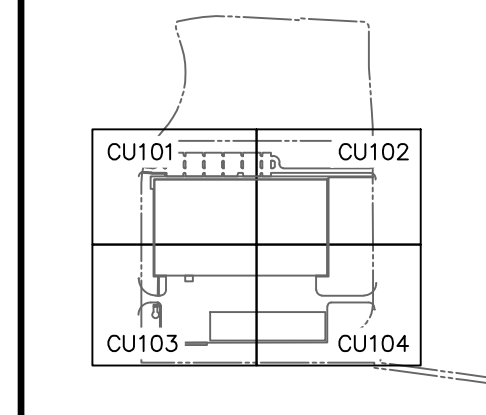
Drawing Title
GRADING & DRAINAGE DETAILS
V

| | |
|-------------|-------------|
| Project No. | Drawing No. |
| 140258101 | CG505 |
| Date | |
| 01/13/2023 | |
| Drawn By | |
| Checked By | |
| IJAB | |
| DTG | |

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SHEET LEGEND

1" = 1,000'



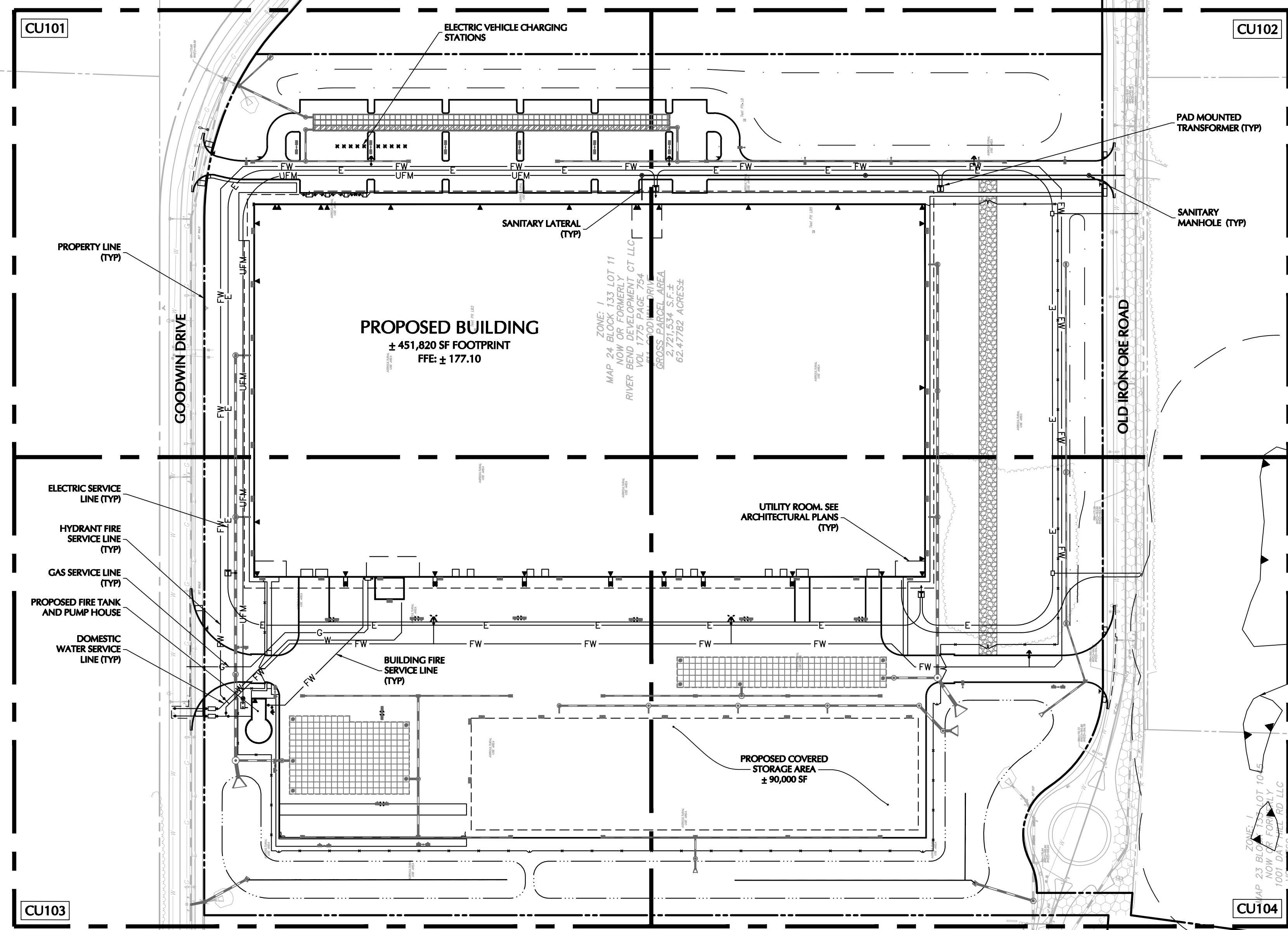
ZONE: I
MAP 24 BLOCK 133 LOT 10
FORMERLY INVESTMENT GMBH
VOL 1806 PAGE 882
#70 GOODWIN DRIVE

ZONE: I
MAP 24 BLOCK 133 LOT 11
FORMERLY INVESTMENT GMBH
VOL 1775 PAGE 754
RIVER RD FORMERLY CT LLC
62-271-133-11 S.F. 2,921,354
62-47782 ACRES±

ZONE: I
MAP 23 BLOCK 133 LOT 10
FORMERLY INVESTMENT GMBH
VOL 1806 PAGE 882
#1001 DAY HILL ROAD

ZONE: I
24 BLOCK 133 LOT 200
FORMERLY INVESTMENT GMBH
VOL 1827 PAGE 162
#0 OLD IRON ORE ROAD

ZONE: I
MAP 23 BLOCK 133 LOT 10
FORMERLY INVESTMENT GMBH
VOL 1806 PAGE 882
#1001 DAY HILL ROAD



PROPOSED BUILDING
± 451,820 SF FOOTPRINT
FFE: ± 177.10

UTILITY ROOM. SEE ARCHITECTURAL PLANS (TYP)

PROPOSED COVERED STORAGE AREA ± 90,000 SF

PROPERTY LINE (TYP)

ELECTRIC SERVICE LINE (TYP)
HYDRANT FIRE SERVICE LINE (TYP)
GAS SERVICE LINE (TYP)
PROPOSED FIRE TANK AND PUMP HOUSE
DOMESTIC WATER SERVICE LINE (TYP)

GOODWIN DRIVE

OLD IRON ORE ROAD

UTILITY EASEMENT IN FAVOR OF CL&P

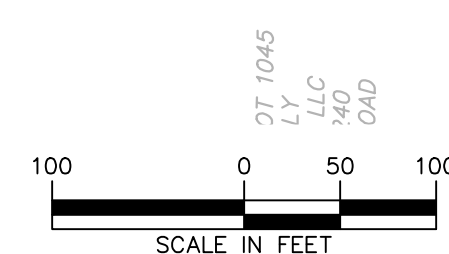
PAD MOUNTED TRANSFORMER (TYP)

SANITARY MANHOLE (TYP)

150' WETLAND UPLAND REVIEW AREA (TYP)

WETLAND LIMITS (TYP)

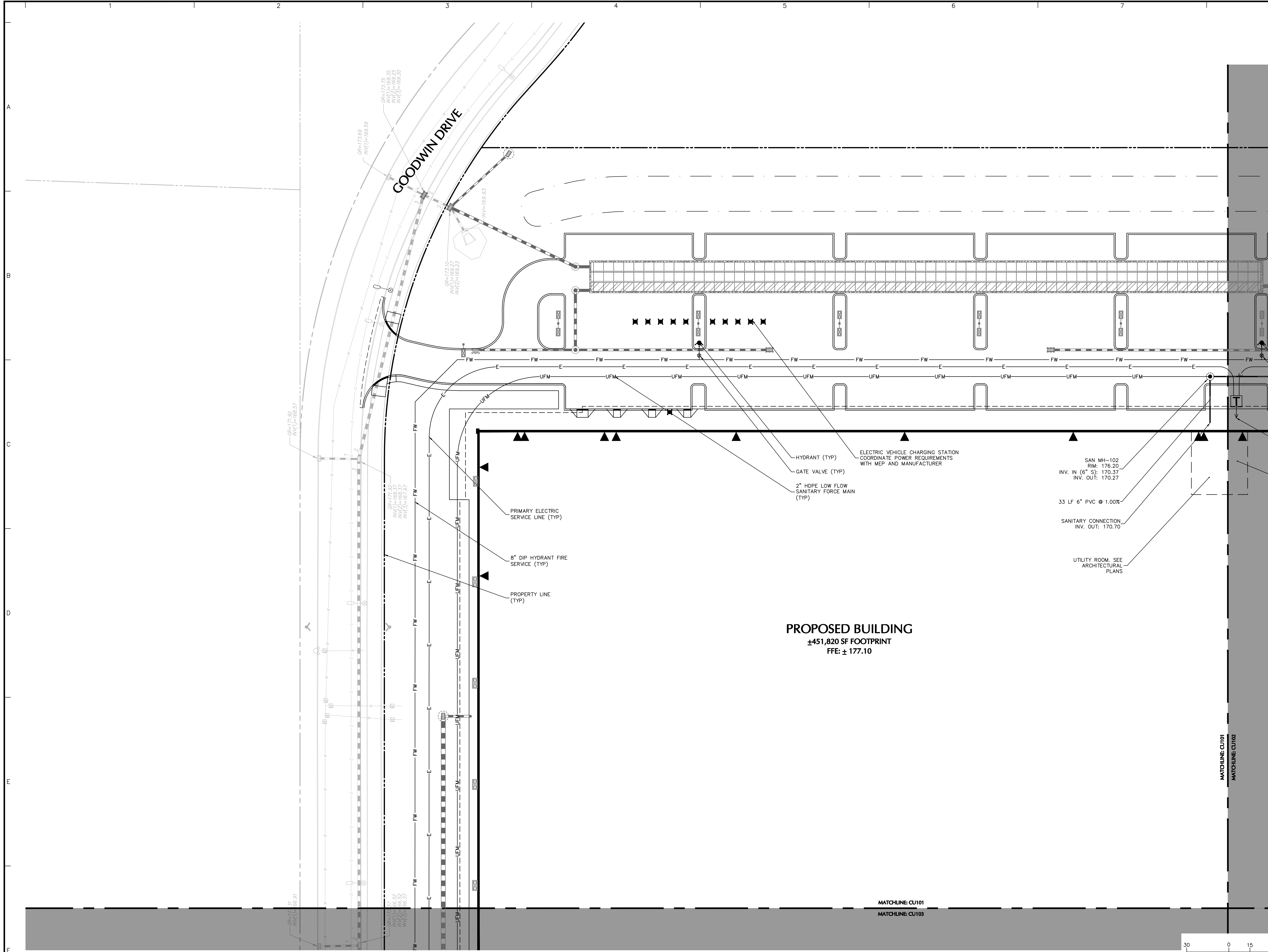
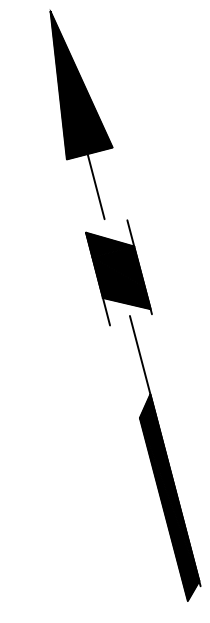
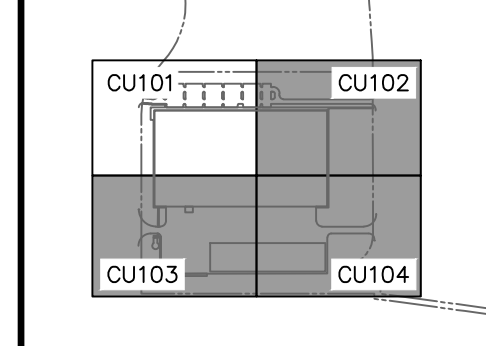
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| Signature | | Date |
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| Project | | |
| BLUEPRINT ROBOTICS | | |
| 11 GOODWIN DRIVE | | |
| WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| OVERALL UTILITY PLAN | | |
| Project No. | Drawing No. | |
| 140258101 | CU100 | |
| Date | | |
| 01/20/2023 | | |
| Drawn By | | |
| IJAB | | |
| Checked By | | |
| DTG | | |

SHEET LEGEND

1" = 1,000'



PROPOSED BUILDING
 ±451,820 SF FOOTPRINT
 FFE: ± 177.10

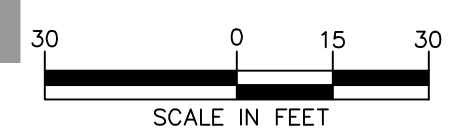
HYDRANT (TYP)
 GATE VALVE (TYP)
 2" HDPE LOW FLOW
 SANITARY FORCE MAIN
 (TYP)

SAN MH-102
 RIM: 176.20
 INV. IN (6" S): 170.37
 INV. OUT: 170.27

33 LF 6" PVC @ 1.00%
 SANITARY CONNECTION
 INV. OUT: 170.70

UTILITY ROOM, SEE
 ARCHITECTURAL
 PLANS

PRIMARY ELECTRIC
 SERVICE LINE (TYP)
 8" DIP HYDRANT FIRE
 SERVICE (TYP)
 PROPERTY LINE
 (TYP)



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|------|-------------|-----|
|------|-------------|-----|

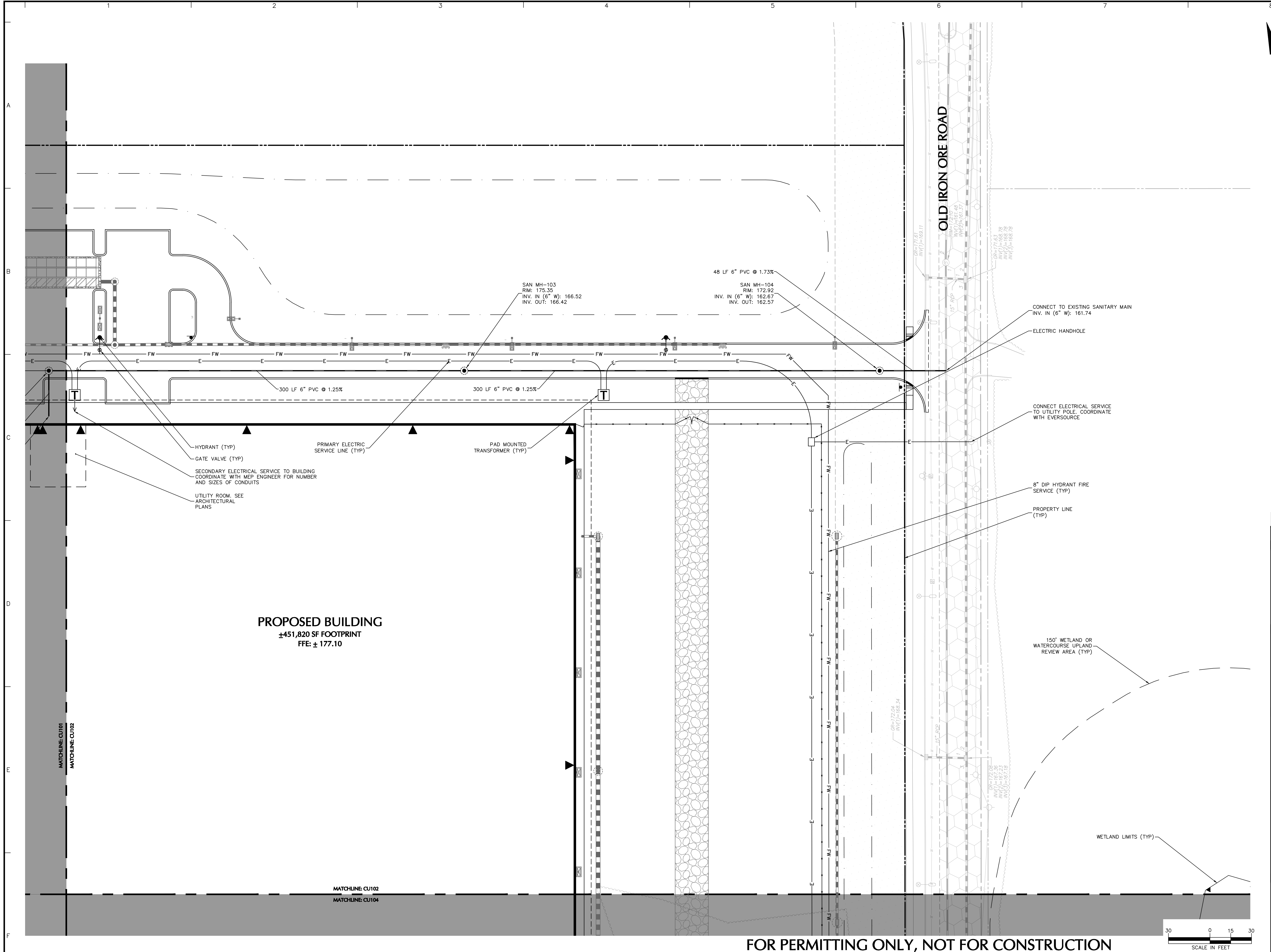
Revisions

Signature: *[Signature]* Date: *[Date]*

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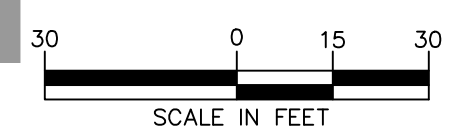
Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title
UTILITY PLAN I

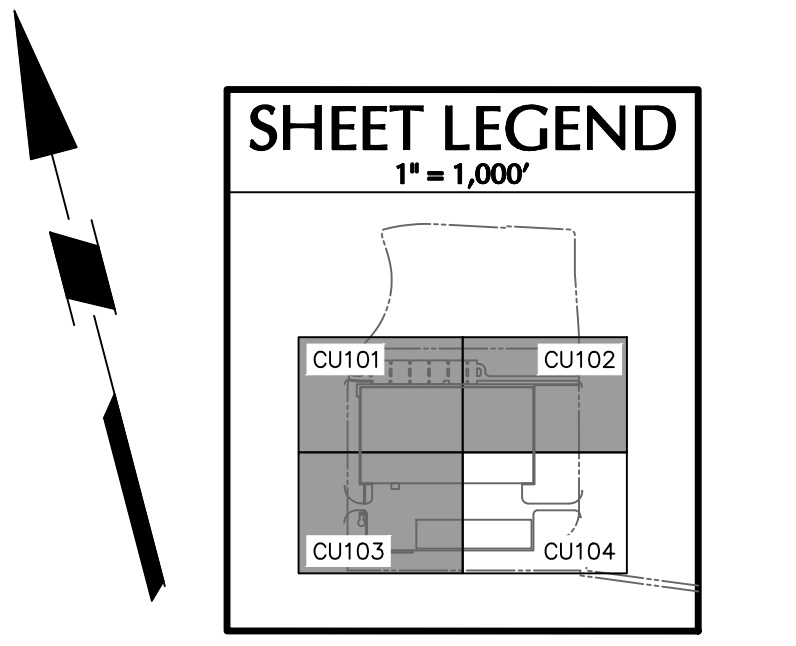
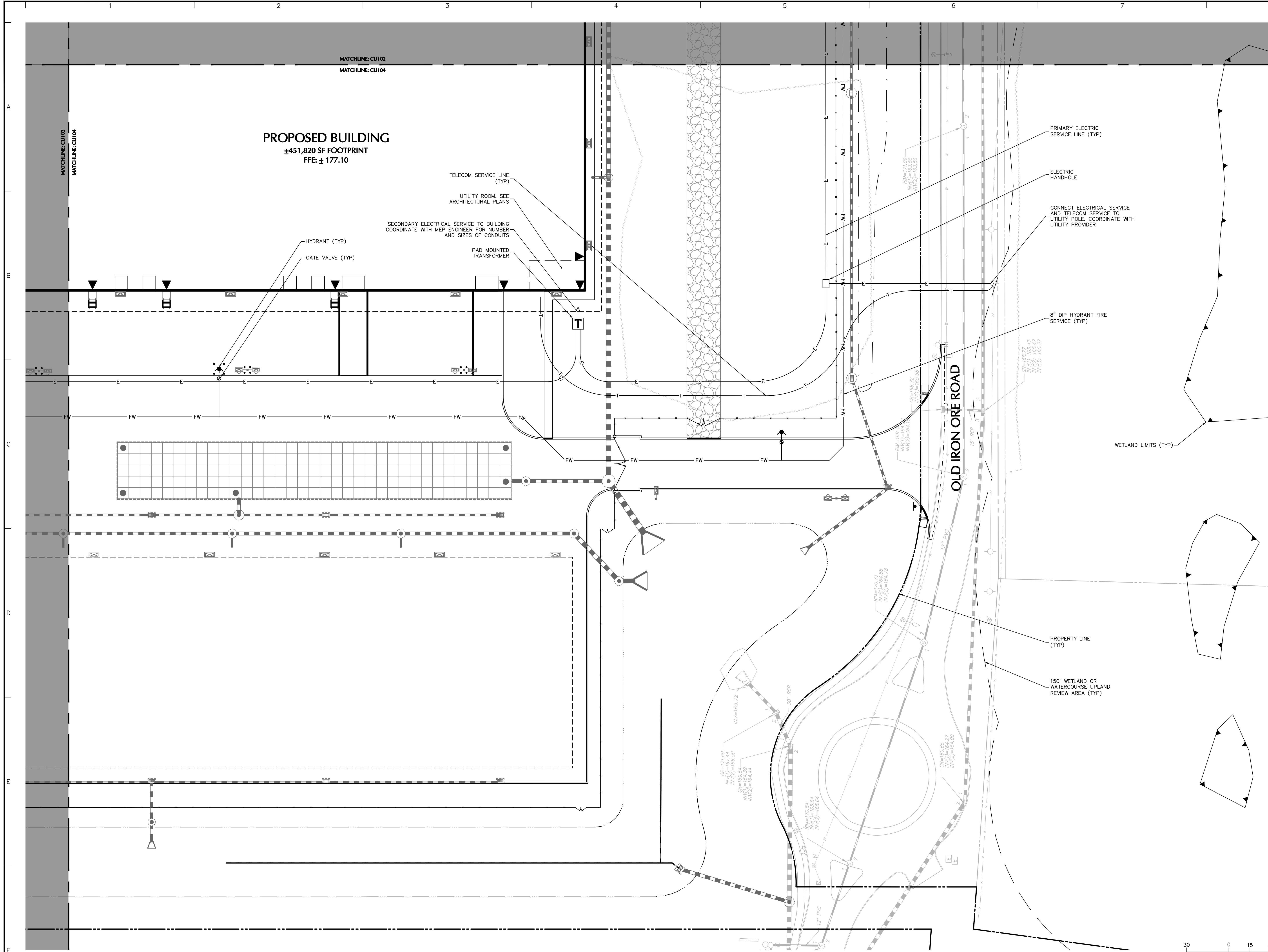
| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CU101 |
| Date 01/20/2023 | |
| Drawn By IJAB | |
| Checked By DTG | |



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1" = 1,000'

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| Signature | | Date |
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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| UTILITY PLAN II | | |
| Project No. | Drawing No. | |
| 140258101 | CU102 | |
| Date | 01/20/2023 | |
| Drawn By | IJAB | |
| Checked By | DTG | |



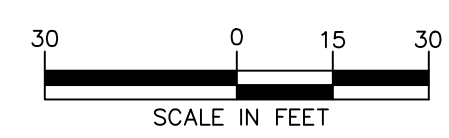


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|-----------|-------------|------|
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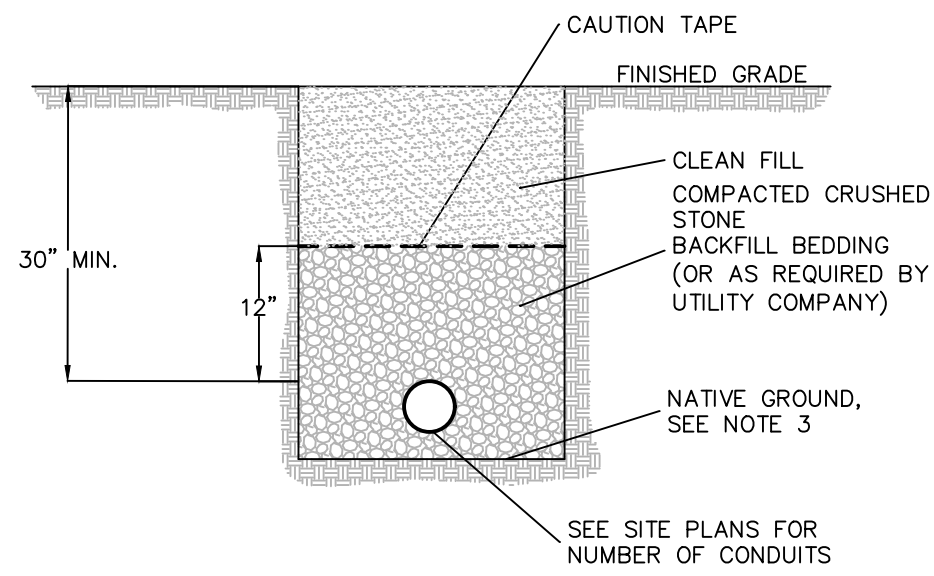
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Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title
UTILITY PLAN IV

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CU104 |
| Date 01/20/2023 | |
| Drawn By IJAB | |
| Checked By DTG | |

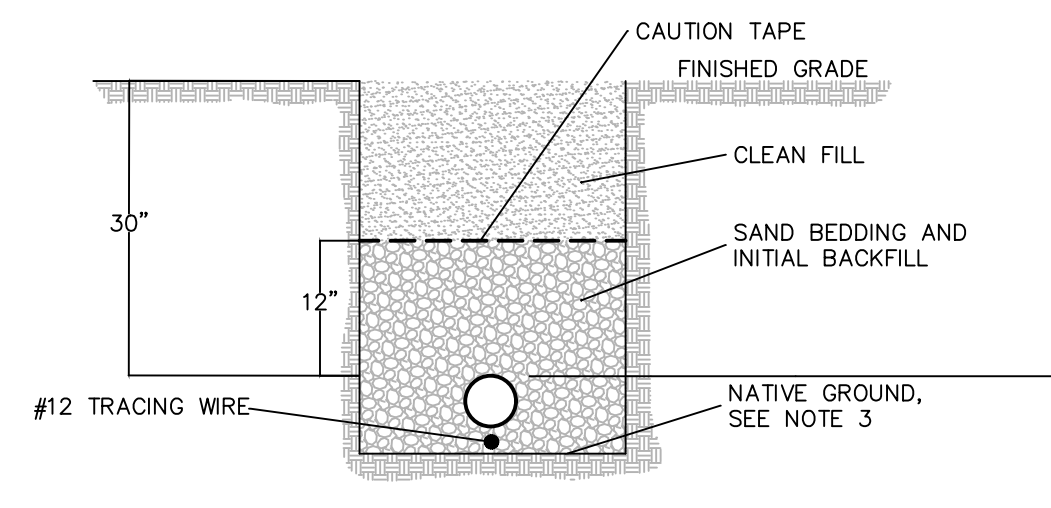


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- NOTES:
- TRENCHES IN STABLE SOIL OVER 5 FT DEEP SHALL BE REINFORCED BY APPROVED OSHA METHODS.
 - TRENCHES SHALL BE COMPACTED.
 - IF NATIVE GROUND IS NOT SUITABLE, THE CONTRACTOR SHALL EXCAVATE TO AN ACCEPTABLE DEPTH AND INSTALL MATERIALS AS APPROVED BY ENGINEERS AND UTILITY COMPANY.

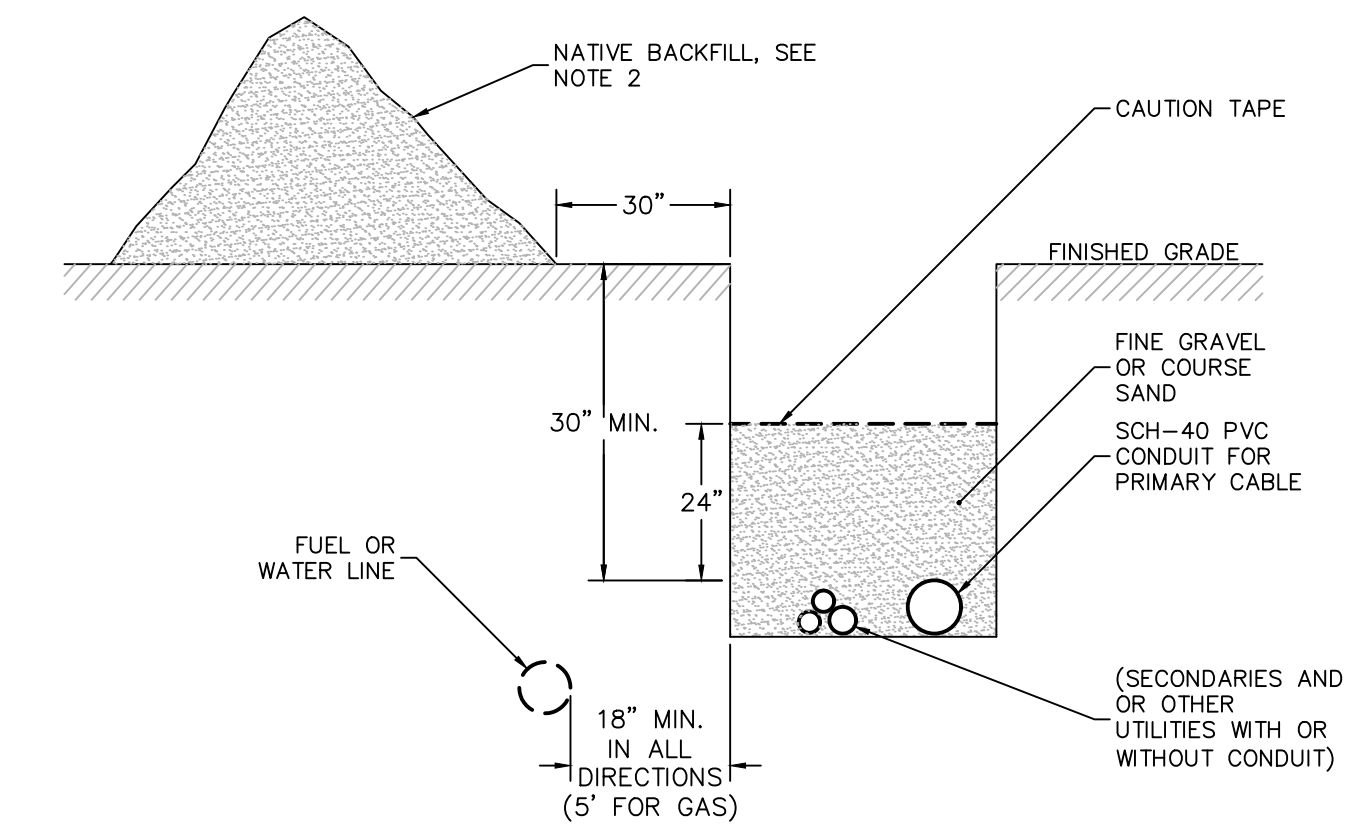
1 TELEPHONE TRENCH DETAIL
N.T.S.



- NOTES:
- TRENCHES IN STABLE SOIL OVER 5 FT DEEP SHALL BE REINFORCED BY APPROVED OSHA METHODS.
 - TRENCHES SHALL BE COMPACTED.
 - IF NATIVE GROUND IS NOT SUITABLE, THE CONTRACTOR SHALL EXCAVATE TO AN ACCEPTABLE DEPTH AND INSTALL MATERIALS AS APPROVED BY ENGINEERS AND UTILITY COMPANY. CONTRACTOR TO PROVIDE EXCAVATION, BEDDING, SAND BACKFILL AND FIND BACKFILL. GAS COMPANY TO PROVIDE INSTALLATION OF ALL GAS PIPING AND SERVICES.

2 GAS MAIN TRENCH DETAIL
N.T.S.

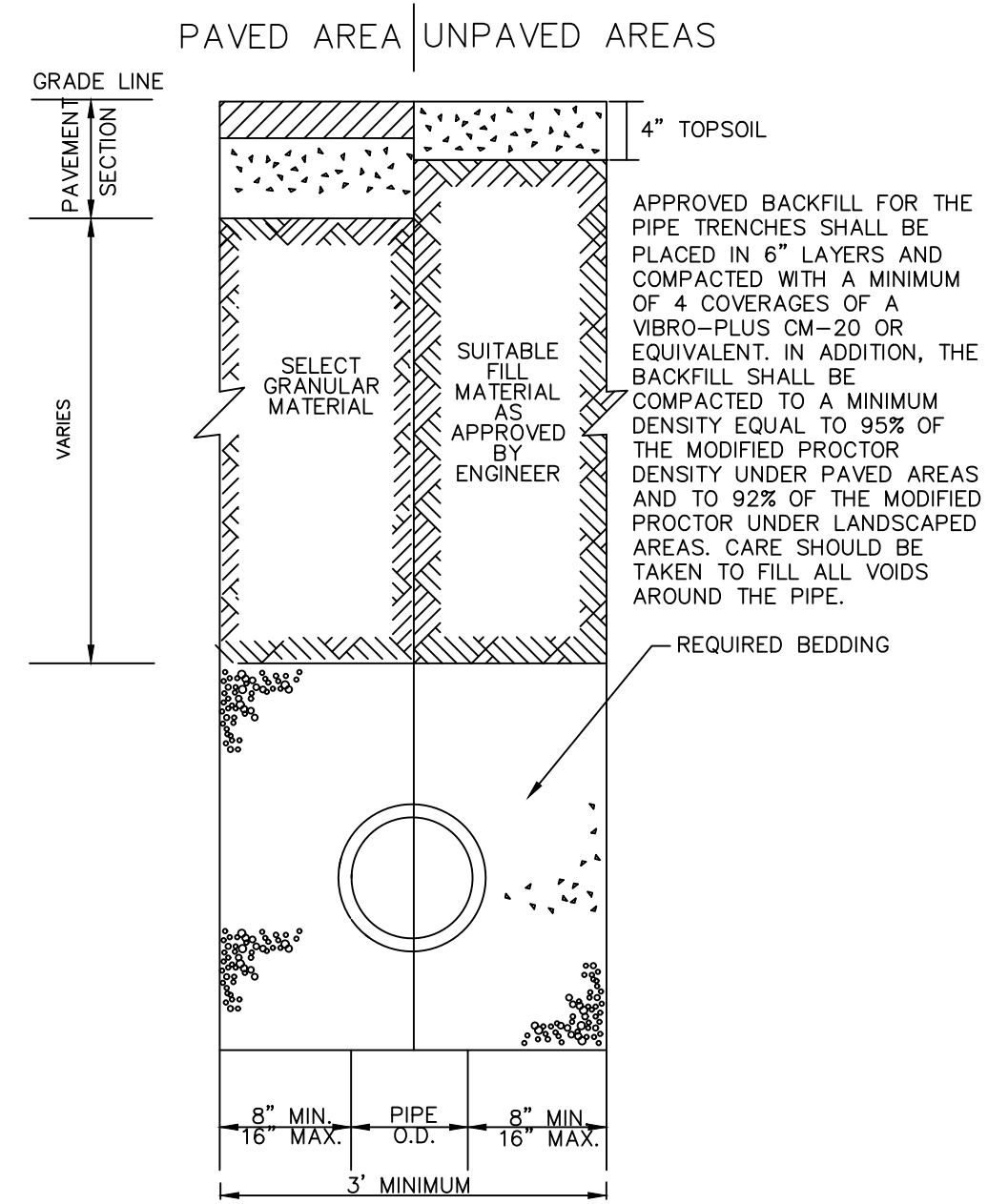
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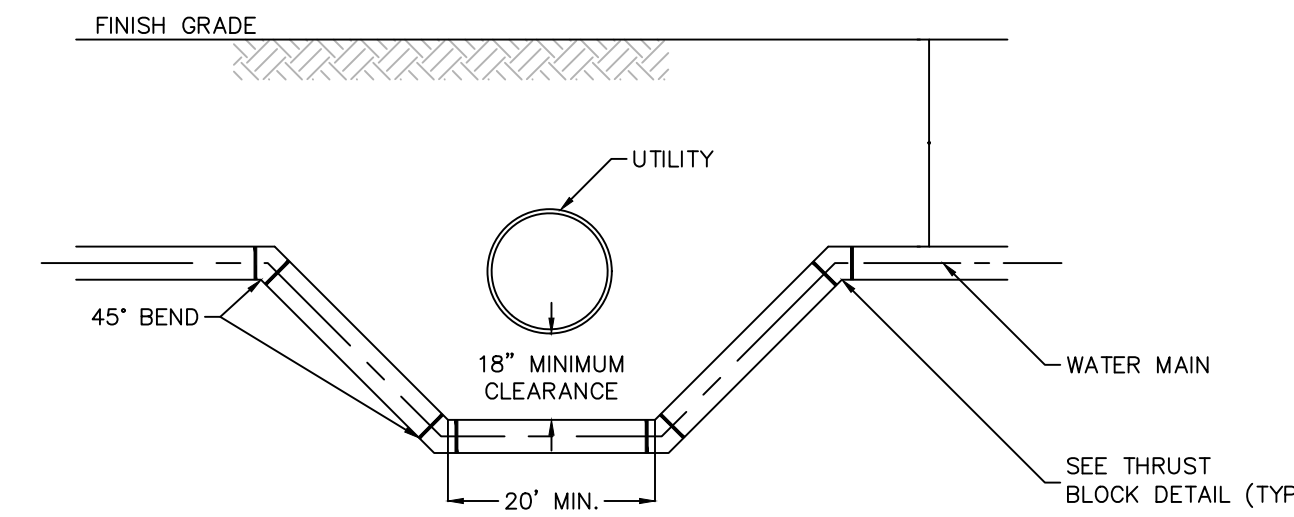
- NOTES:
- ALL DIRECT-BURIED CABLES SHALL BE INSTALLED AT A DEPTH OF AT LEAST 30 INCHES IN THE FOLLOWING ORDER:
 - ENSURE THAT THE BOTTOM OF THE TRENCH IS WELL-TAMPED AND FREE OF ROCKS.
 - INSTALL THE CONDUIT, GLUING ALL COUPLINGS.
 - INSTALL SECONDARIES AND OTHER UTILITY CABLES OR CONDUITS LARGER THAN 2 INCHES IN MAXIMUM DIAMETER.
 - BACKFILL WITH 12 INCHES CLEAN FILL NOT TO CONTAIN STONES LARGER THAN 2 INCHES IN MAXIMUM DIAMETER.
 - INSTALL CABLE WARNING TAPE 12 INCHES OVER THE CONDUIT.
 - FILL IN THE REMAINDER OF THE TRENCH WITH NATIVE BACKFILL.
 - THE TRENCH SHALL BE BACKFILLED IMMEDIATELY FOLLOWING PLACEMENT OF THE CONDUIT.
 - 1/4-INCH NYLON ROPE AND PLASTIC CONDUIT PLUG TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.

3 ELECTRICAL/TELECOM HANDHOLE
N.T.S.

4 ELECTRICAL UTILITY TRENCH
N.T.S.

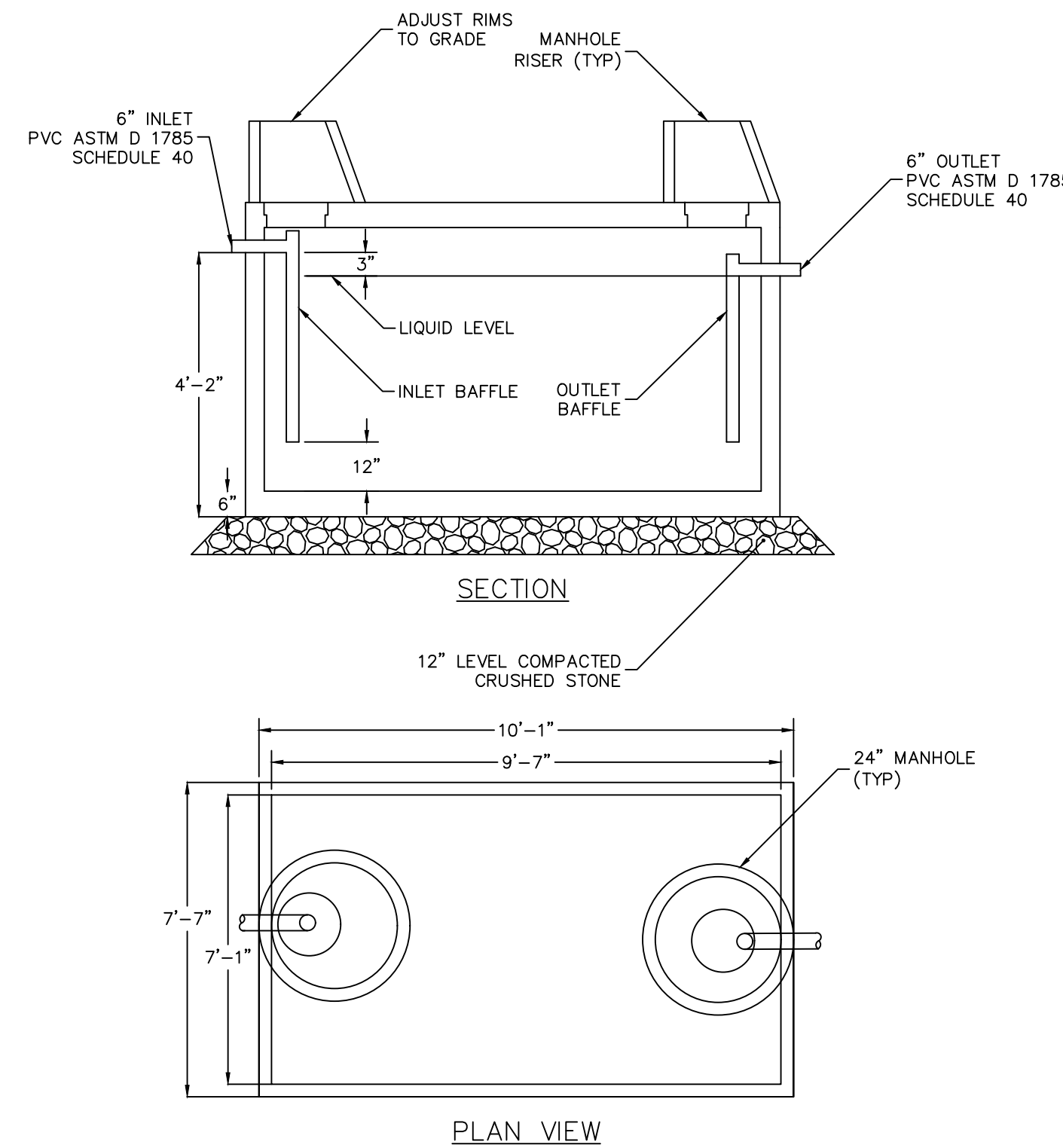


5 UTILITY PIPE BACKFILL
N.T.S.



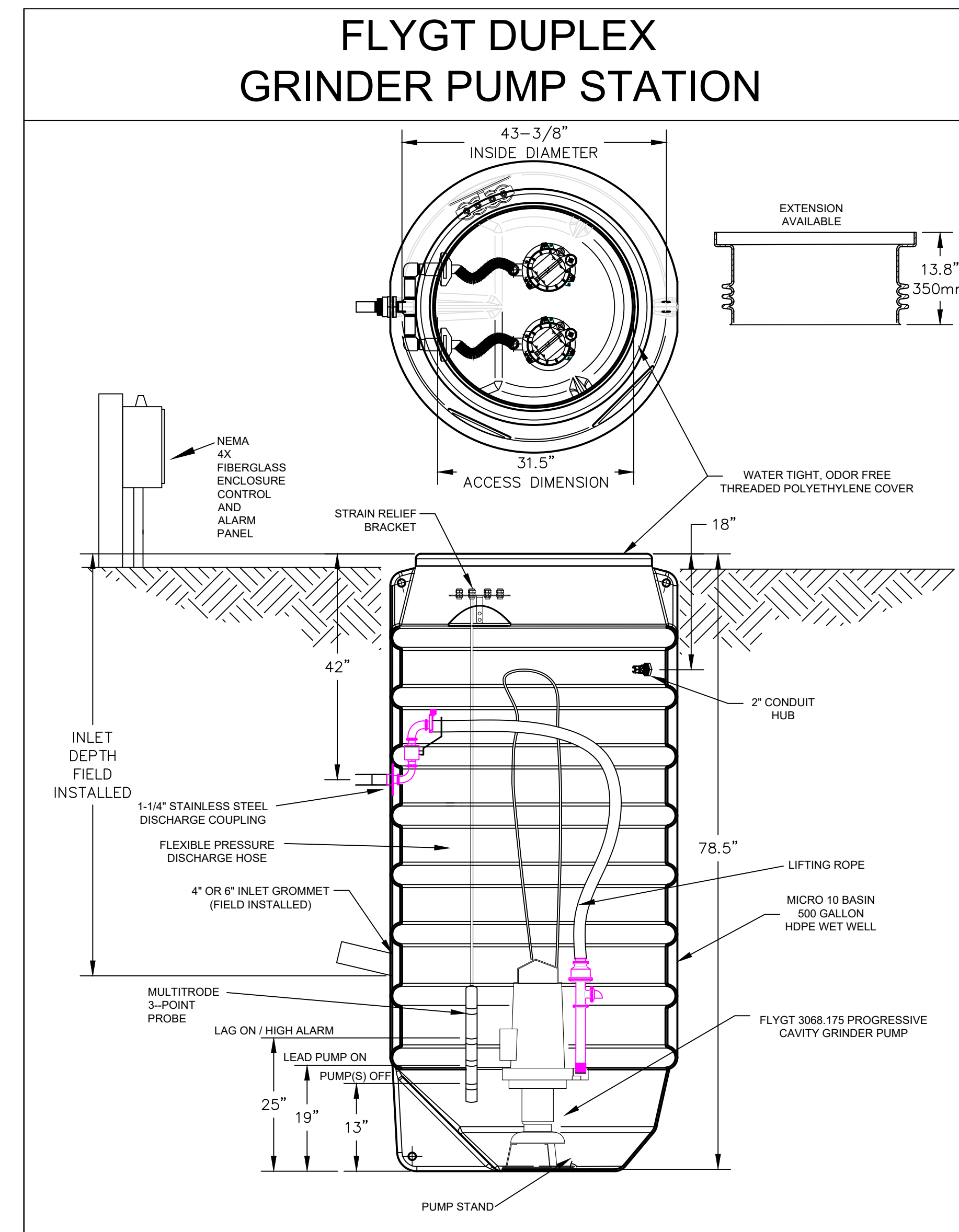
- NOTES:
- WATER MAIN SHALL BE CONSTRUCTED OF CEMENT LINED CLASS 52 DUCTILE IRON PIPE OR BETTER. ONE FULL LENGTH OF WATER MAIN SHOULD BE CENTERED UNDER THE CROSS PIPE SO THAT BOTH JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE.

6 WATER MAIN DROP
N.T.S.

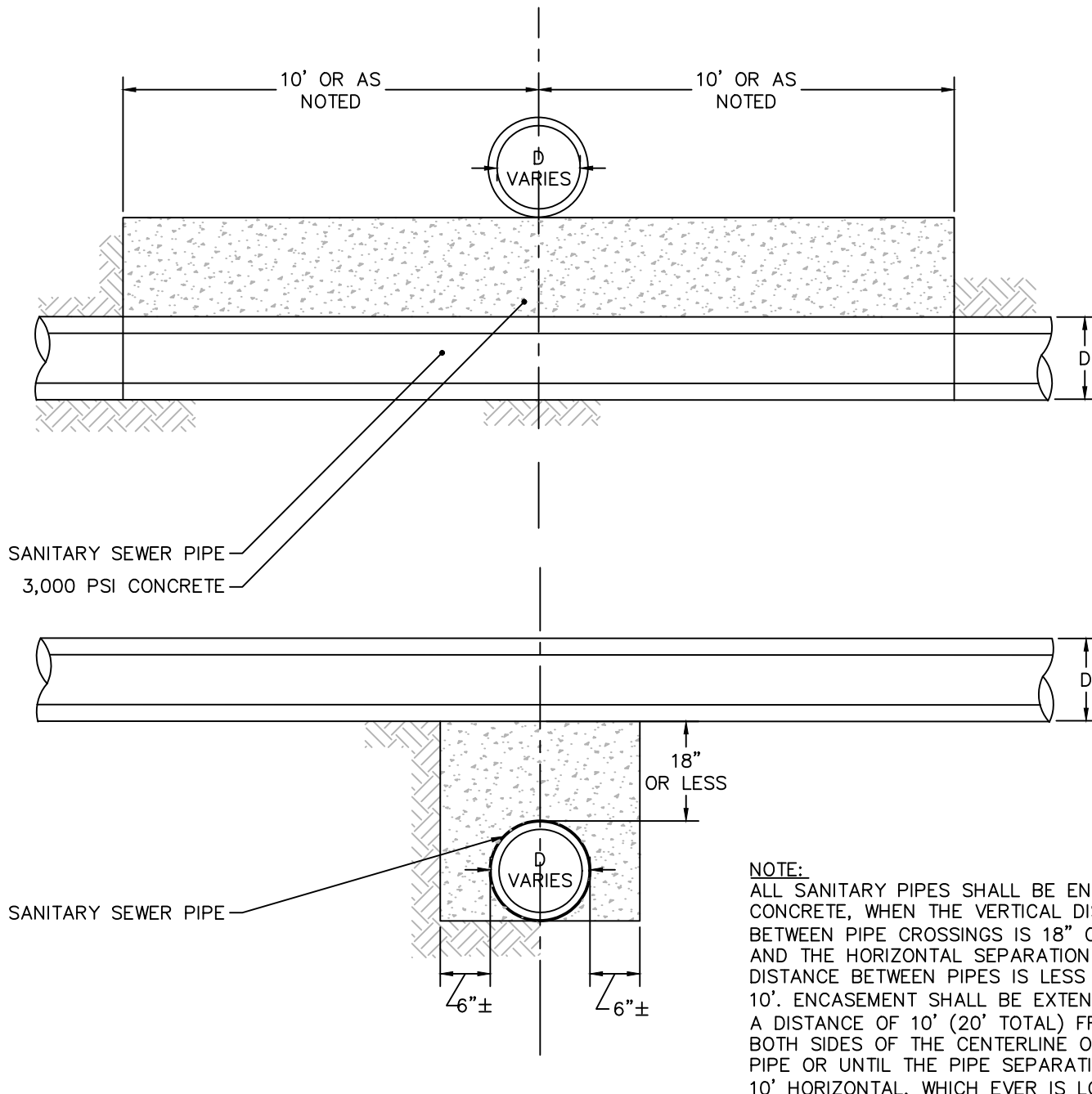


- NOTES:
- CONCRETE MINIMUM STRENGTH - 5,000 PSI AT 28 DAYS.
 - STEEL REINFORCEMENT - ASTM A-615 GR.60, A-185, OR A-497, 1" MIN COVER
 - CONSTRUCTION JOINT SEALED WITH BUTYL SEALANT.
 - DESIGN LOADING - AASHTO HS20 - 44.
 - ALL TEES SHALL BE PVC AND FASTENED WITH STAINLESS STEEL HARDWARE.
 - MANHOLE COVERS SHALL BE PLACATED WITH NOTIFICATION AS TO THE DANGER OF ENTERING THE STRUCTURE DUE TO NOXIOUS GASES.
 - MANHOLE COVERS SHALL EITHER WEIGH A MINIMUM OF 59 POUNDS OR CONTAIN A LOCKING MECHANISM TO PREVENT UNAUTHORIZED ENTRANCE.
 - OUTER DIMENSIONS SHOWN ARE APPROXIMATE SIZES. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW BY ENGINEER.

8 OIL WATER SEPARATOR (FOR REFERENCE ONLY)
N.T.S.



9 LOW PRESSURE SANITARY PUMP STATION
N.T.S.



7 CONCRETE ENCASEMENT FOR SANITARY SEWER
N.T.S.

| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |
| | | |
| Signature | Date | |

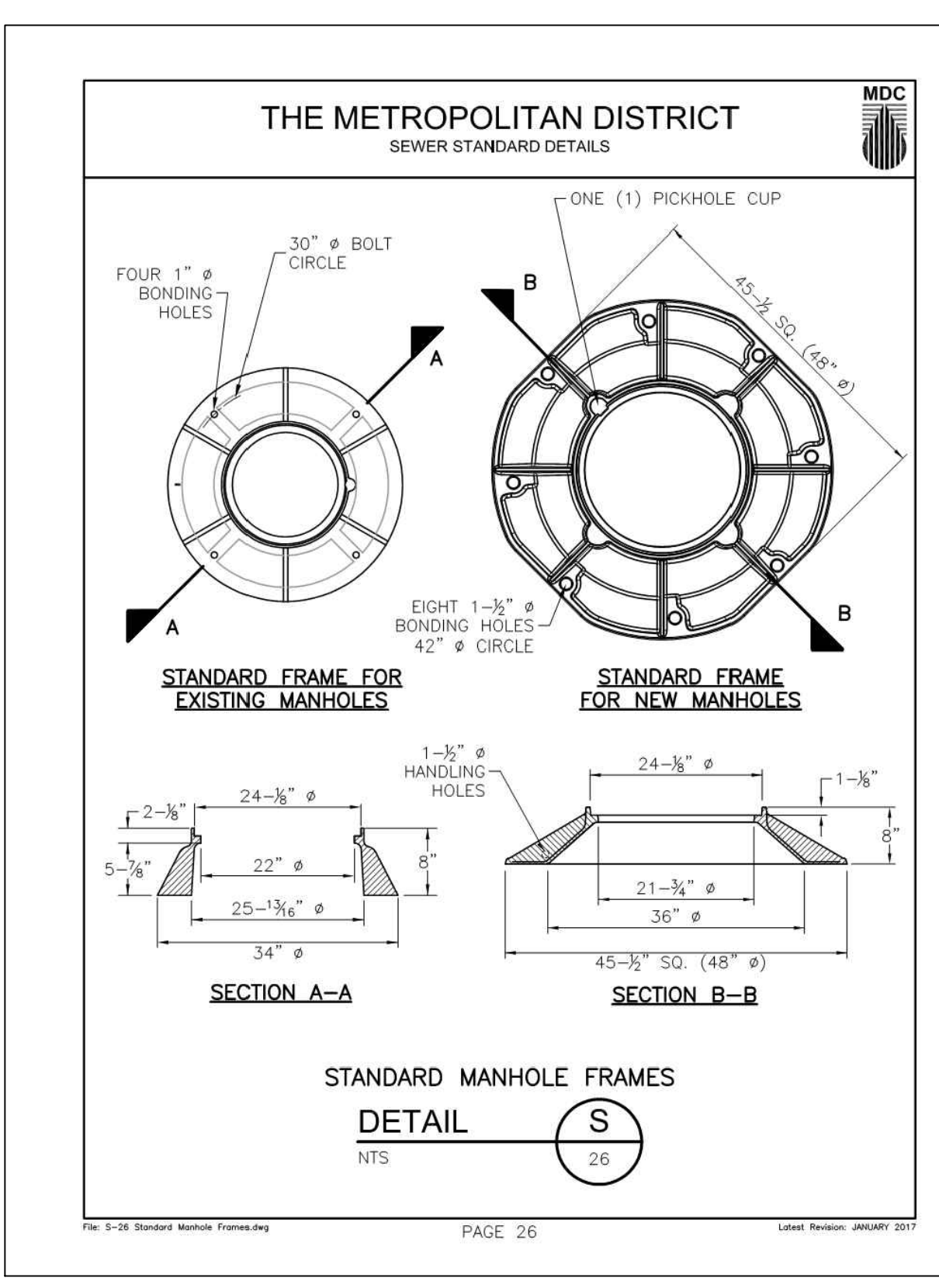
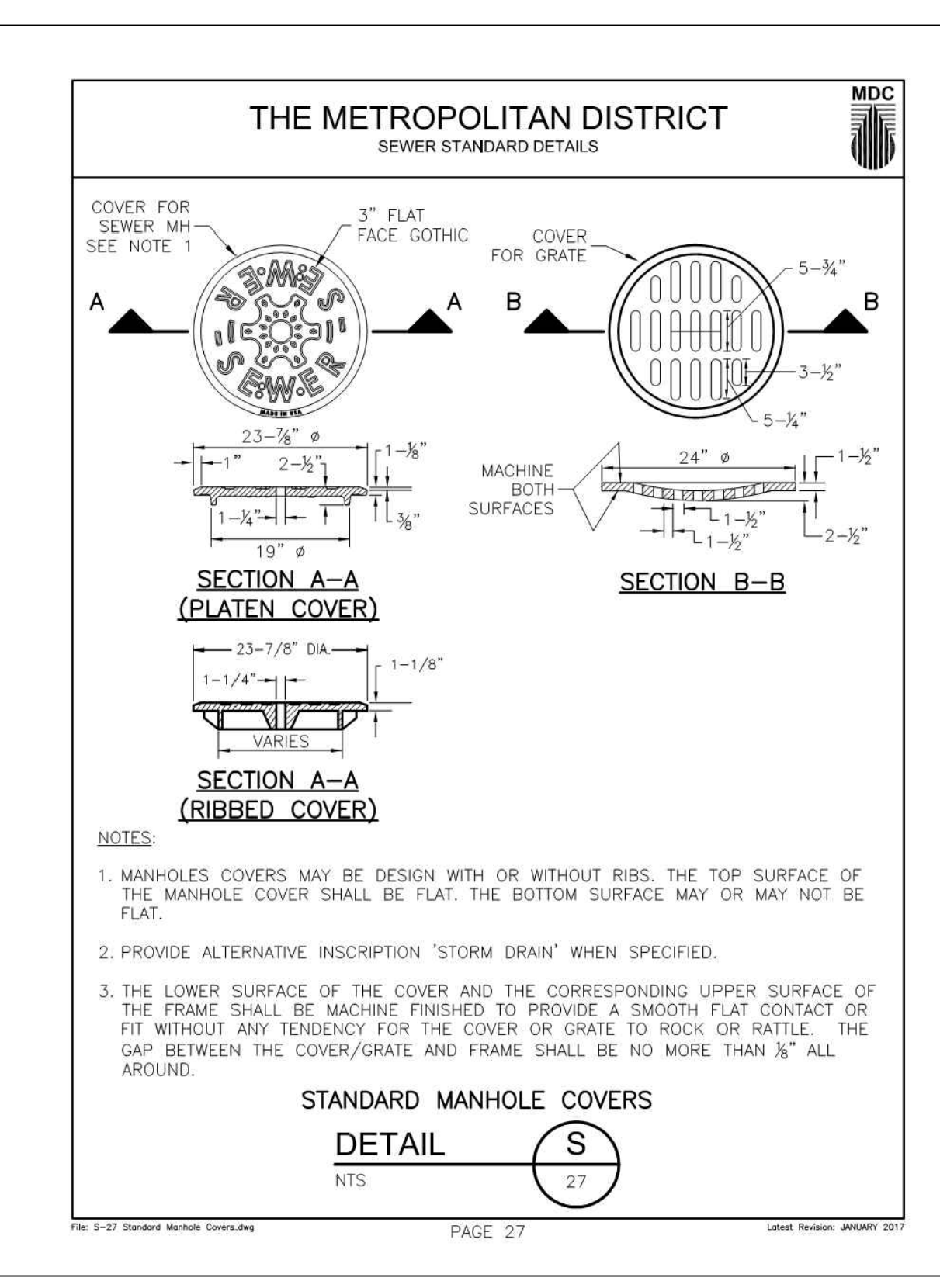
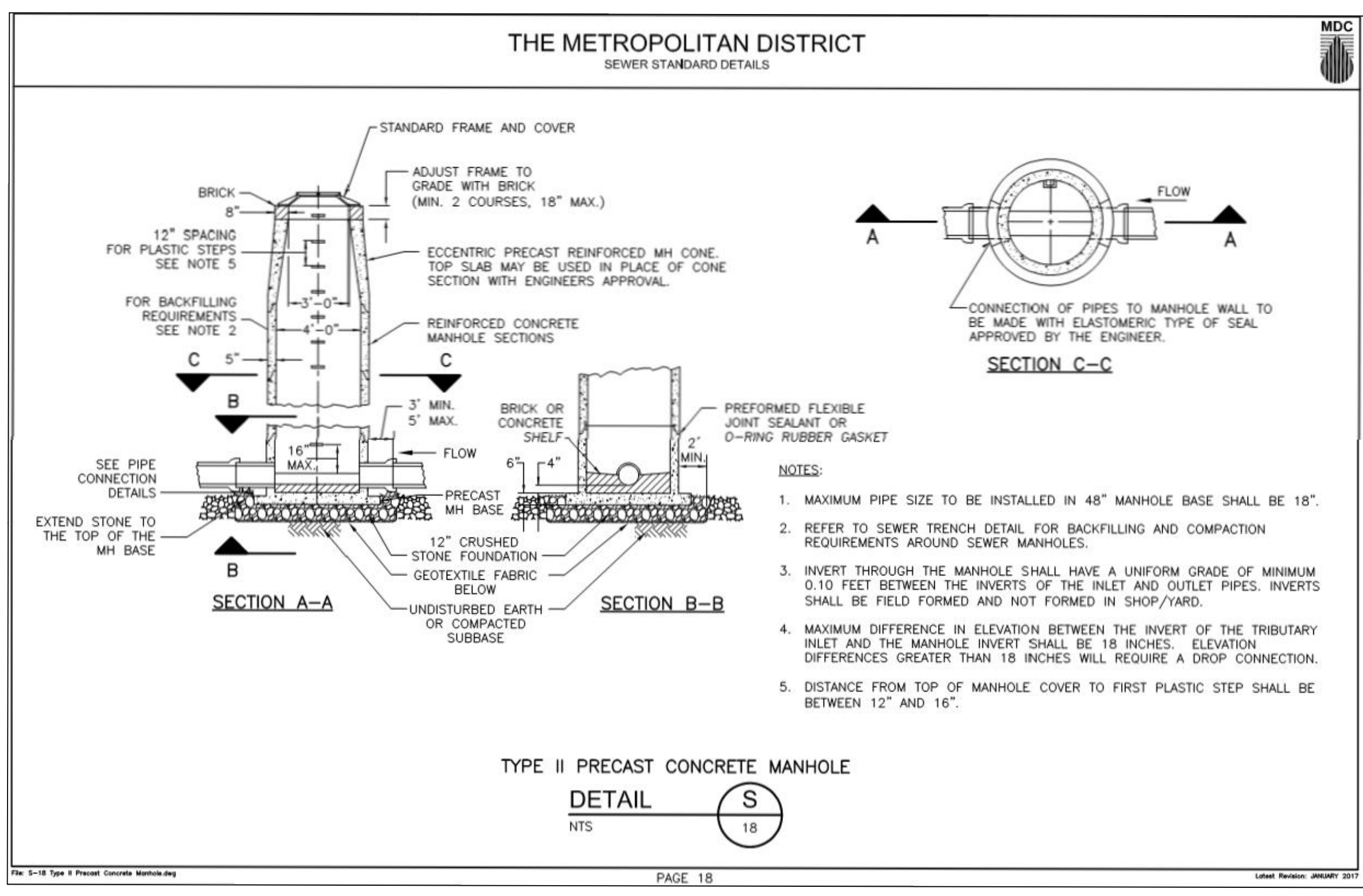
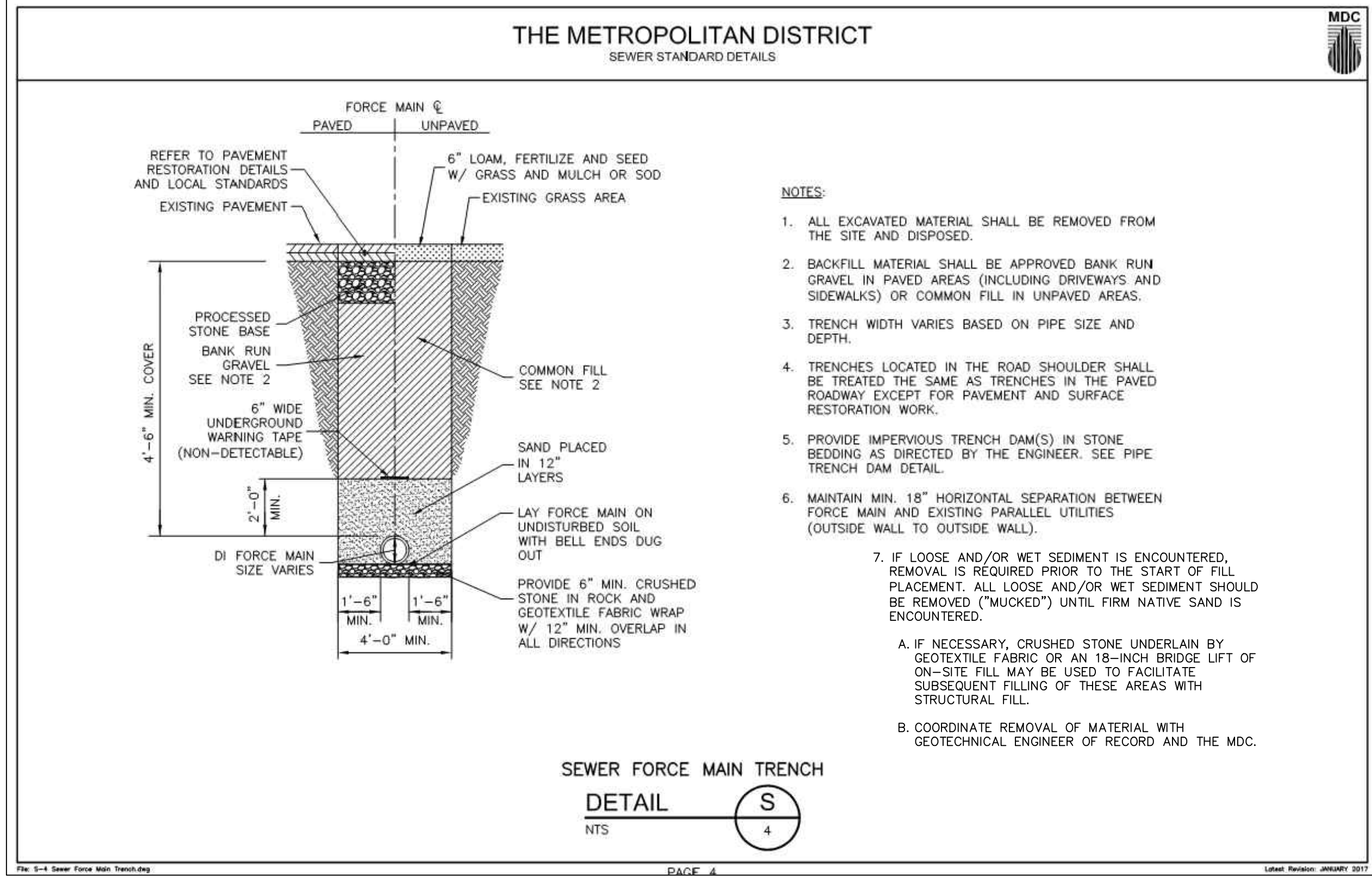
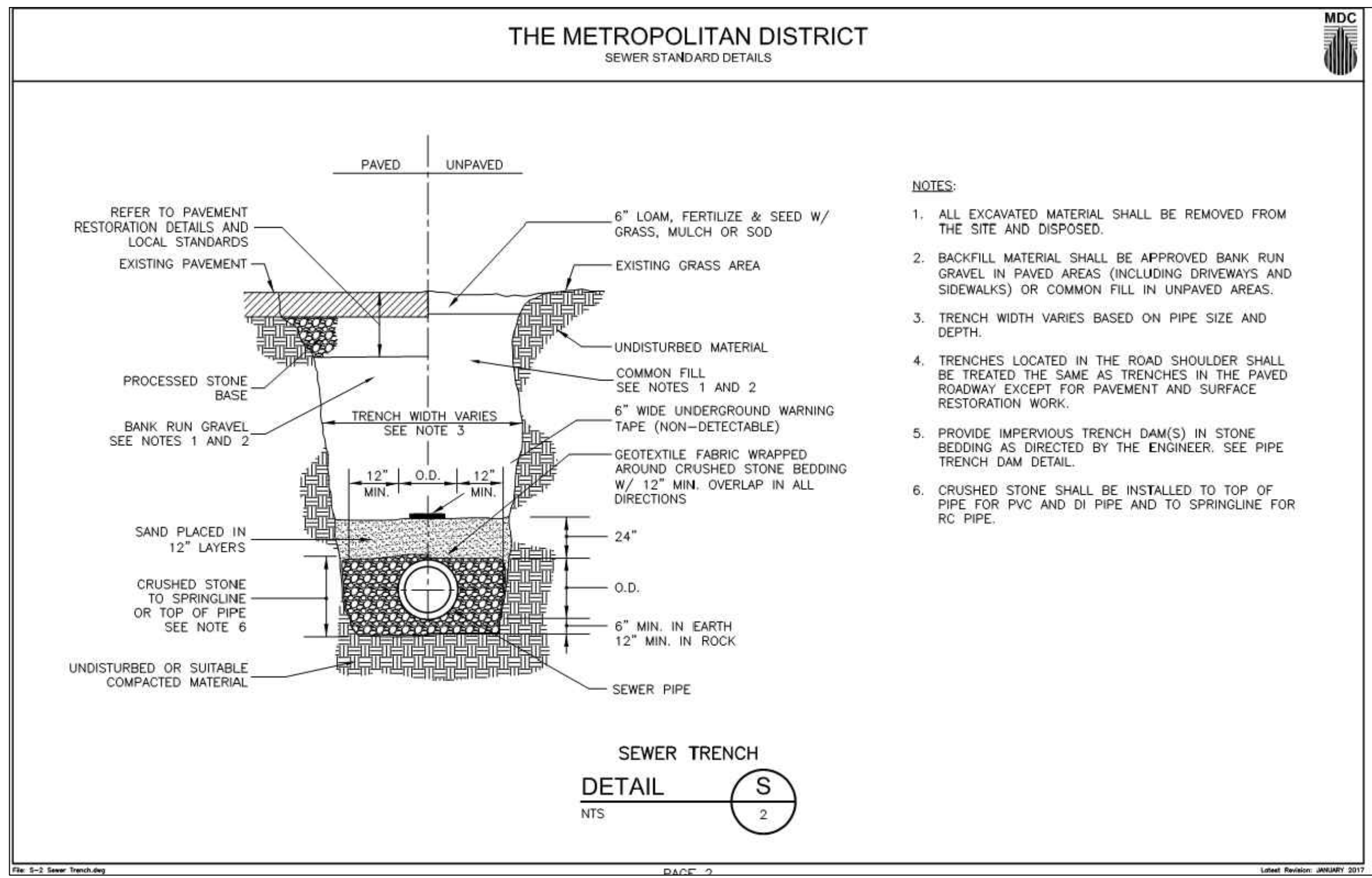
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New Haven, CT 06511
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Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title

UTILITY DETAILS I

| | |
|-------------|-------------|
| Project No. | Drawing No. |
| 140258101 | CU501 |
| Date | |
| 01/13/2023 | |
| Drawn By | JMGM |
| Checked By | DTG |

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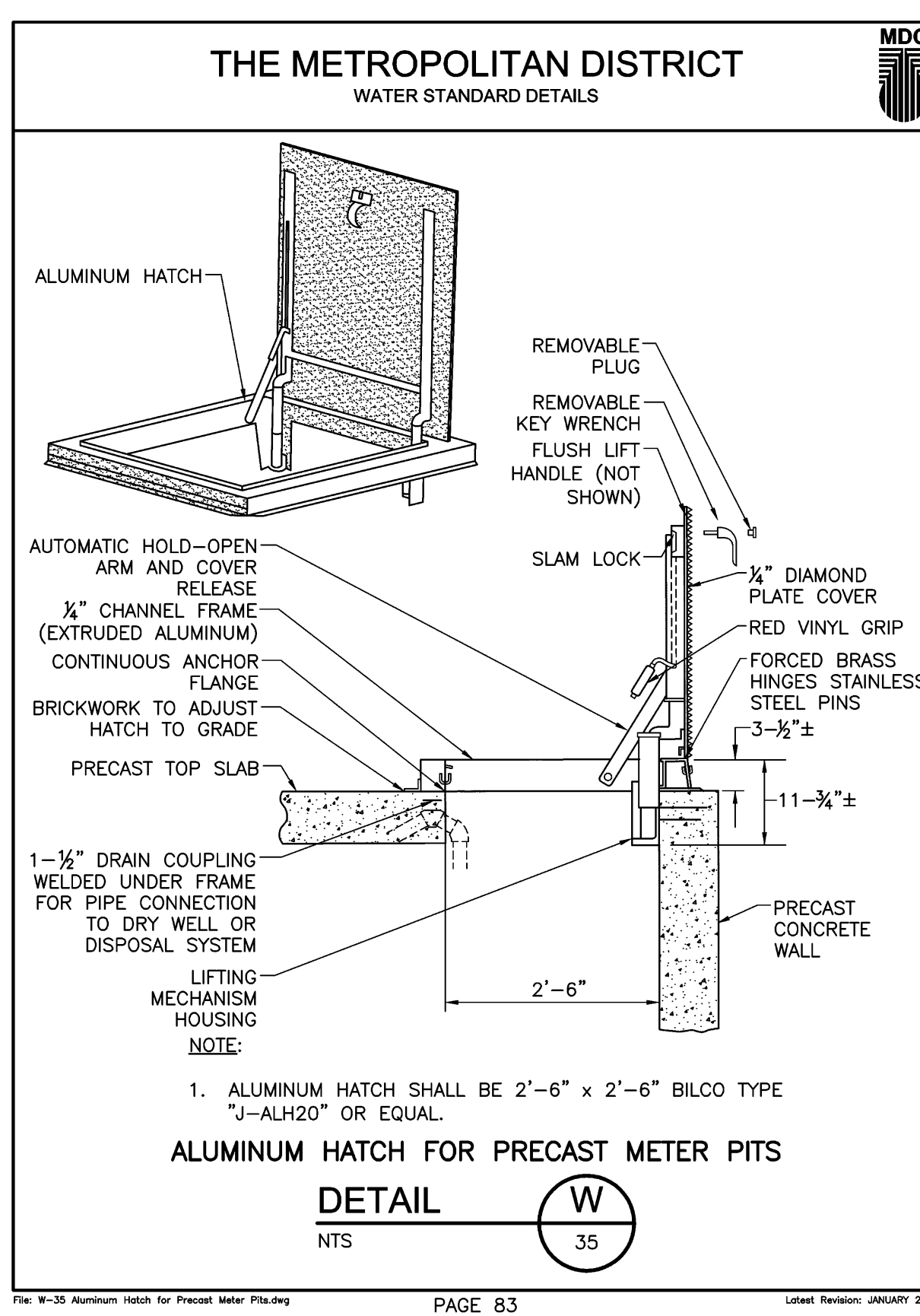
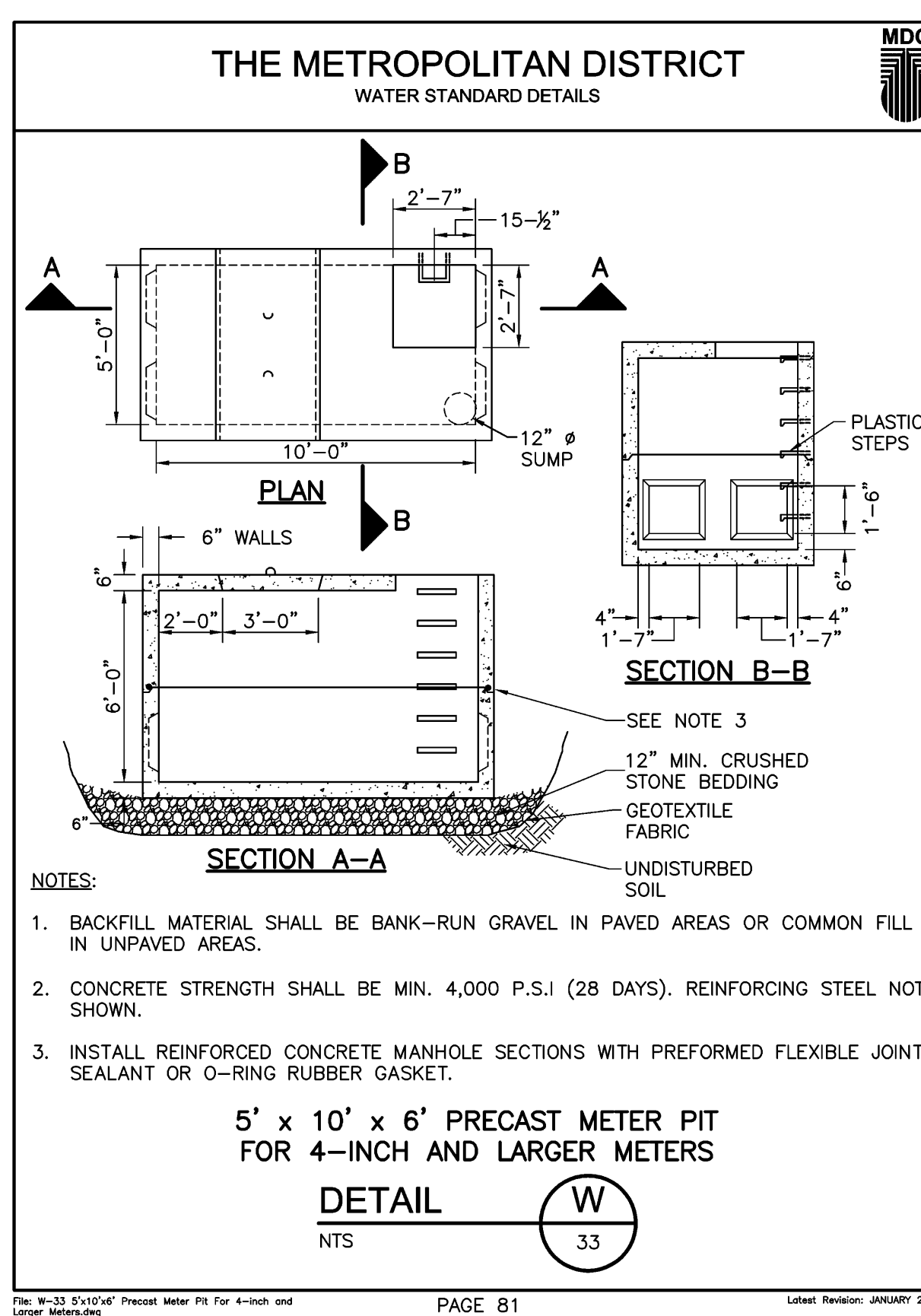
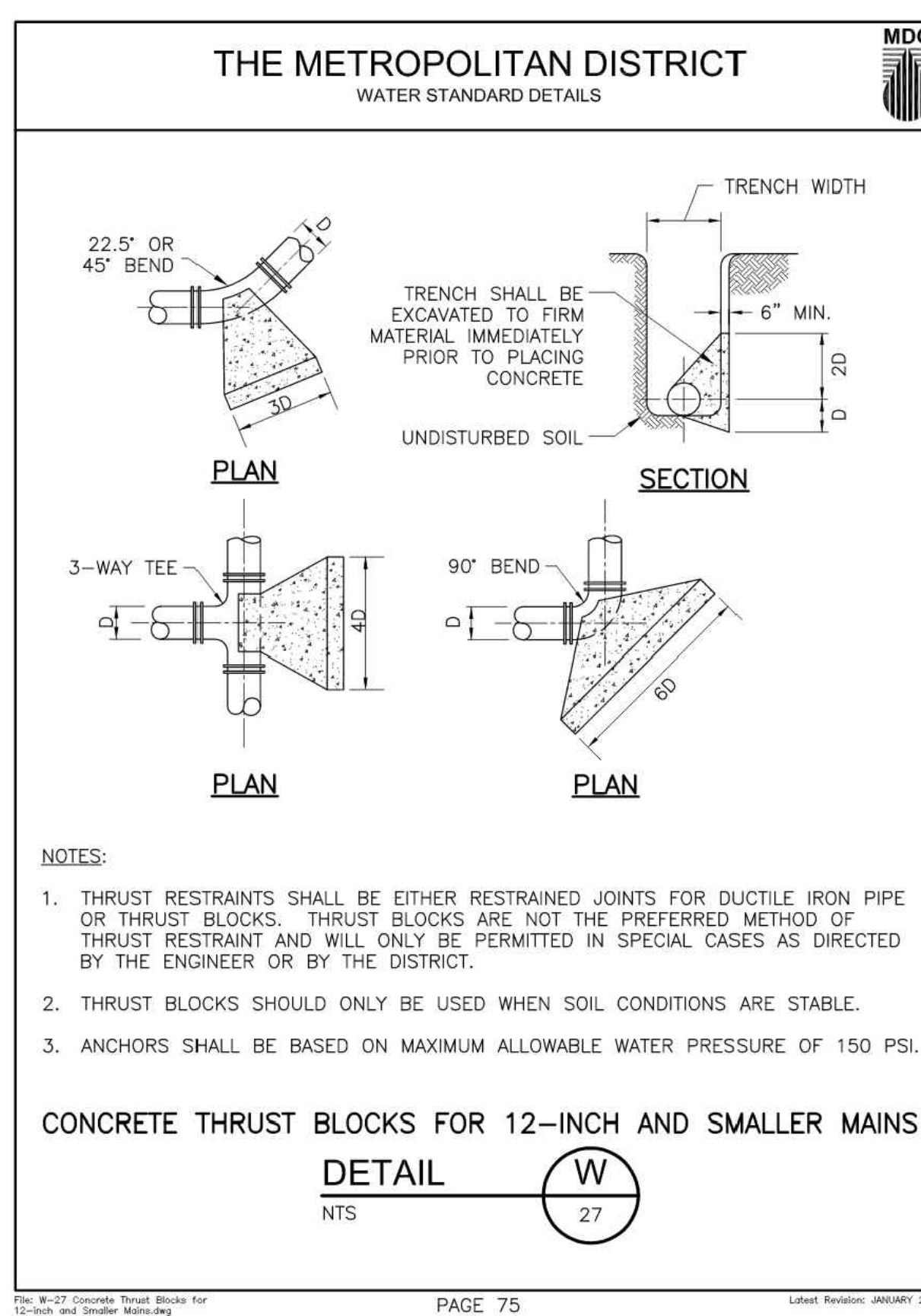
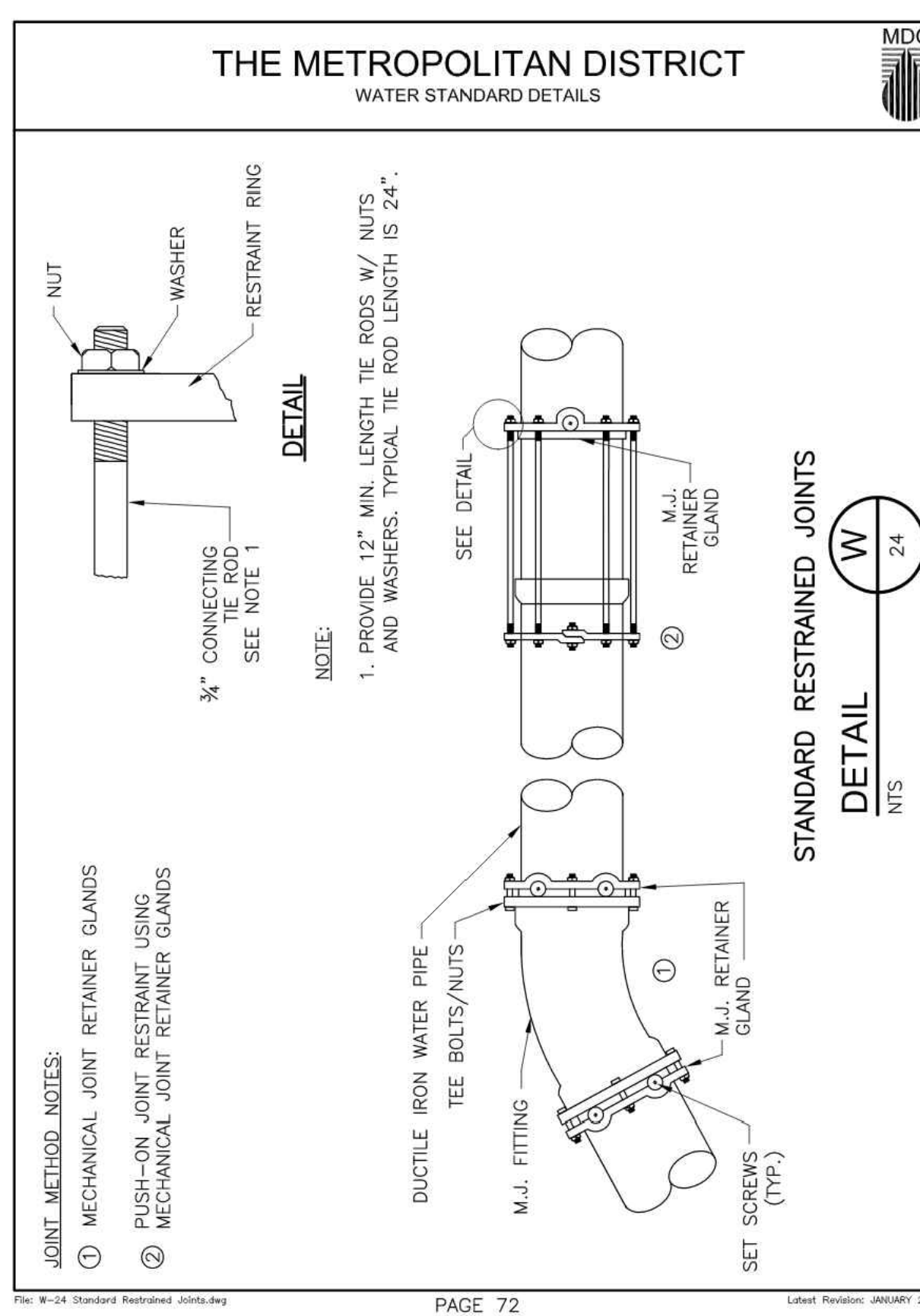
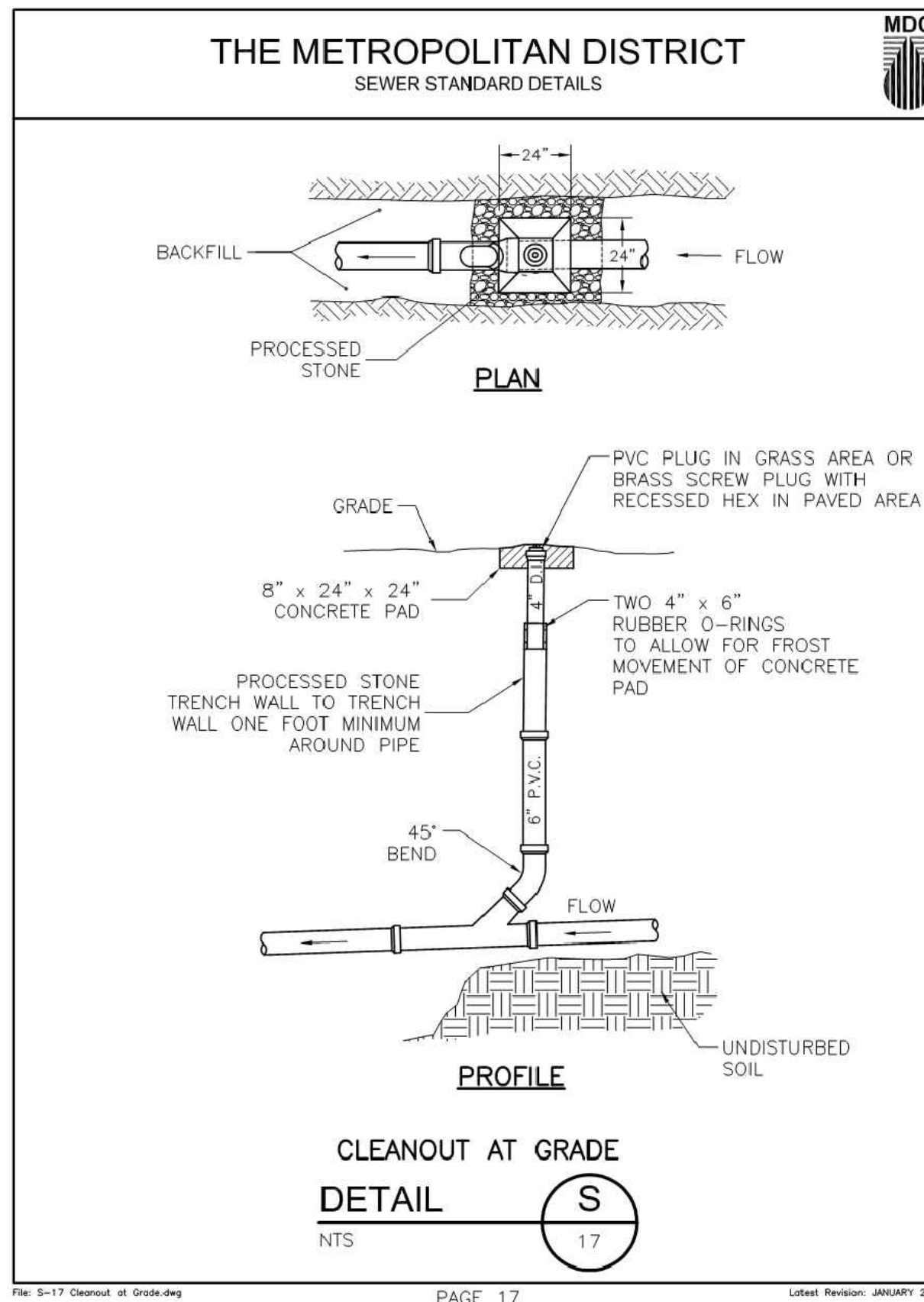
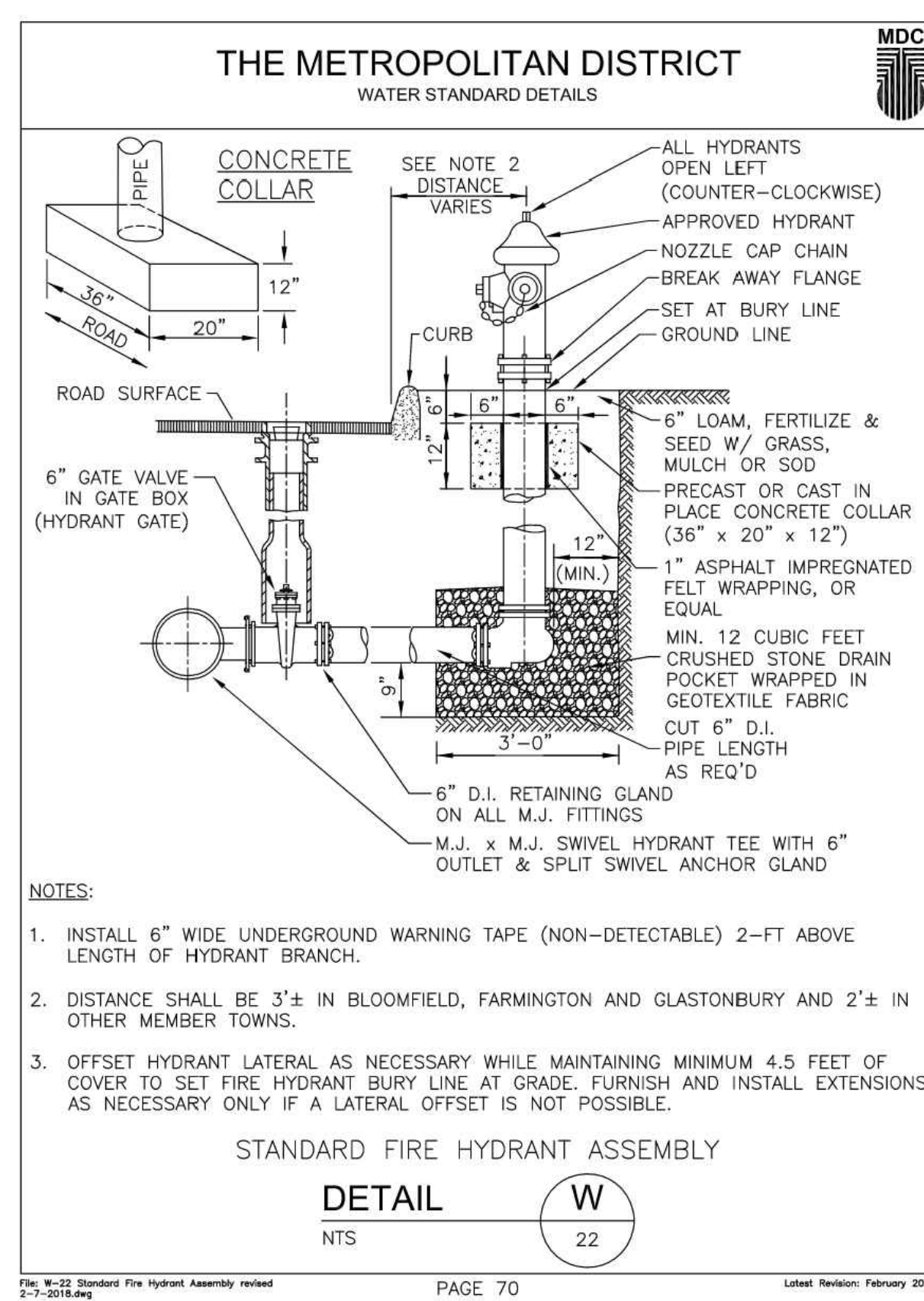
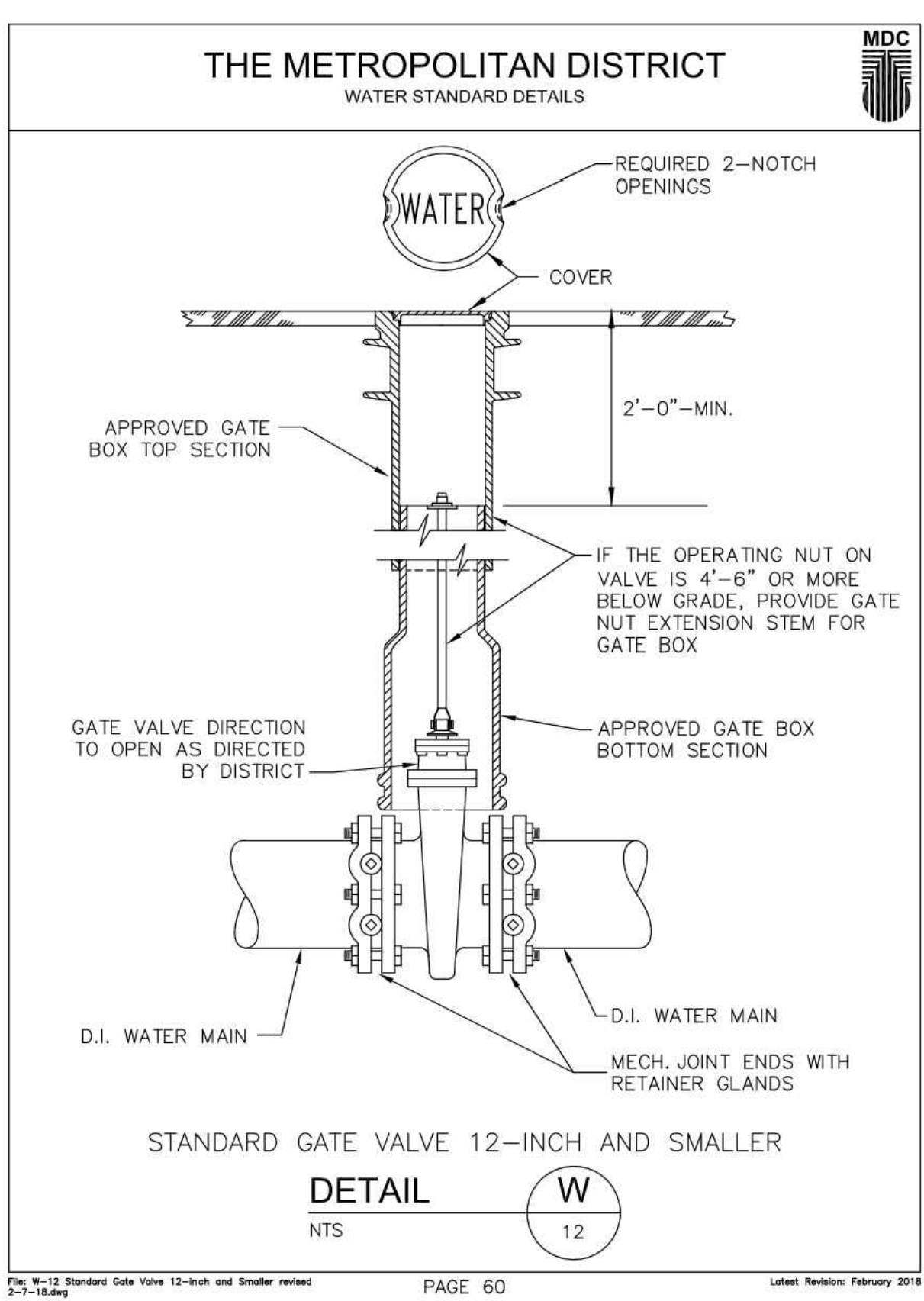
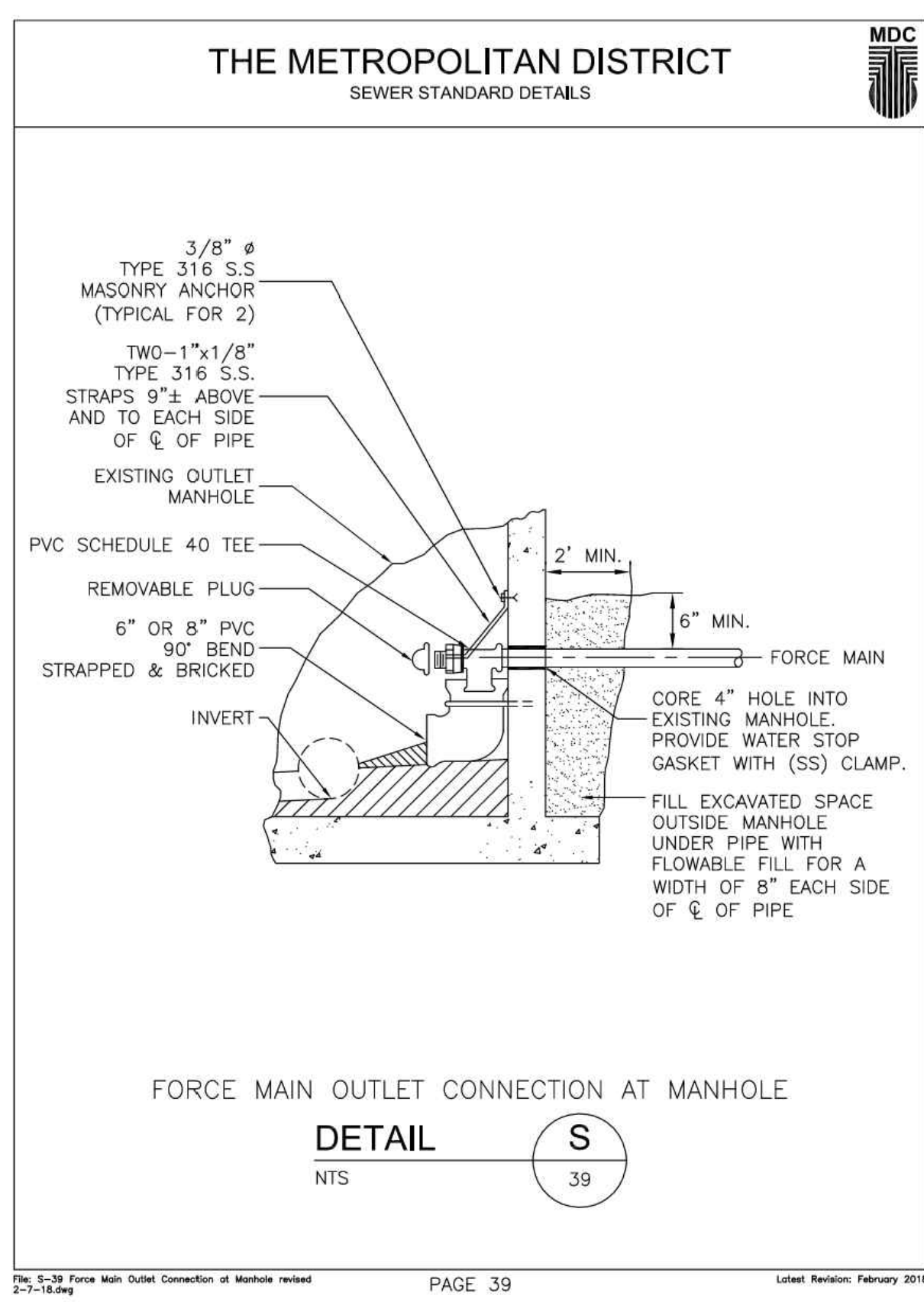
| Date | Description | No. |
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| Revisions | | |
| | | |
| Signature | | Date |

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Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title
UTILITY DETAILS II

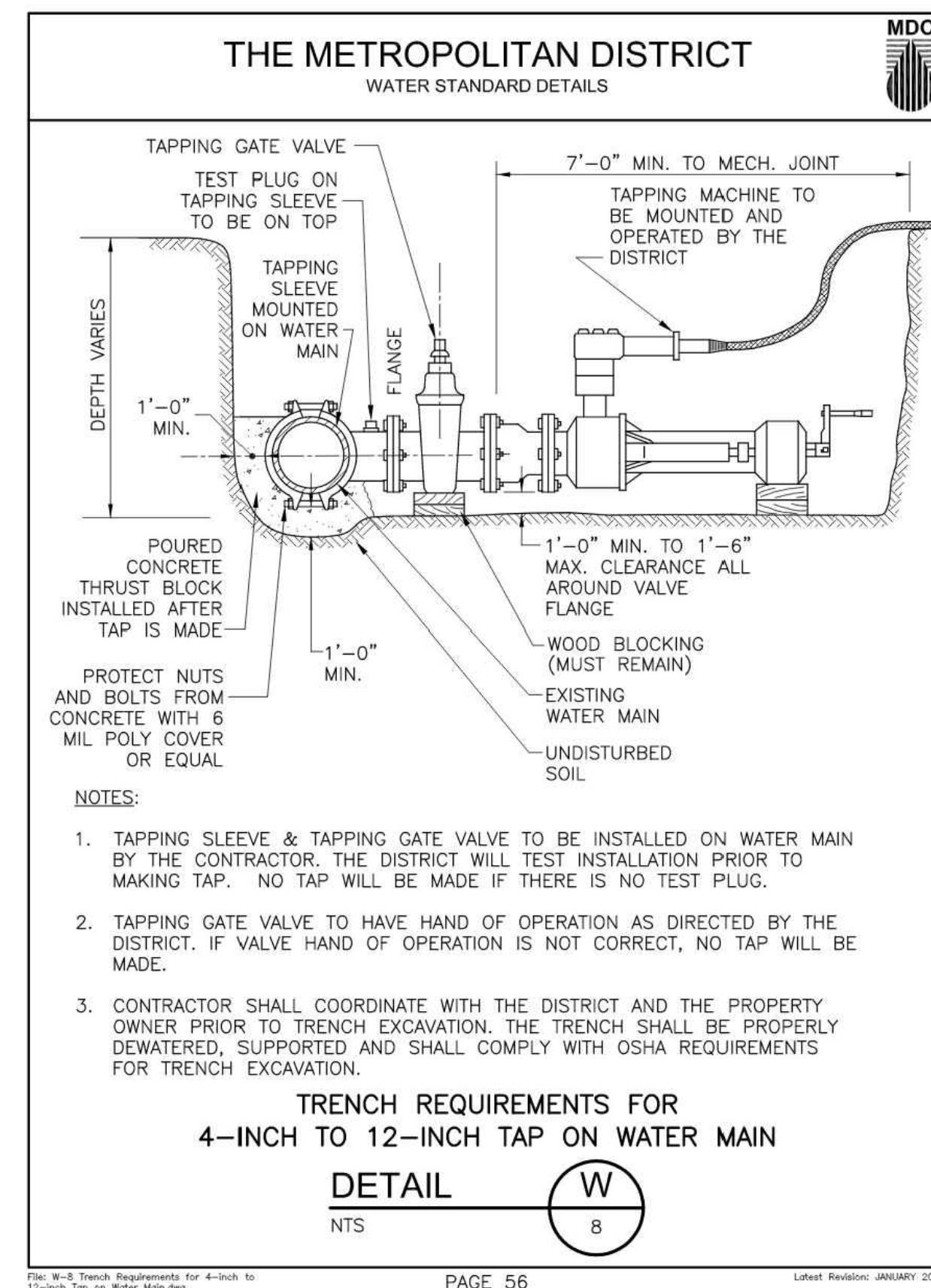
| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CU502 |
| Date 01/13/2023 | |
| Drawn By JMGM | |
| Checked By DTG | |

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| Revisions | | |
| | | |
| Signature | | Date |
| | | |
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| Project | | |
| BLUEPRINT ROBOTICS | | |
| 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| UTILITY DETAILS III | | |
| Project No. | Drawing No. | |
| 140258101 | CU503 | |
| Date | 01/13/2023 | |
| Drawn By | JMGM | |
| Checked By | DTG | |

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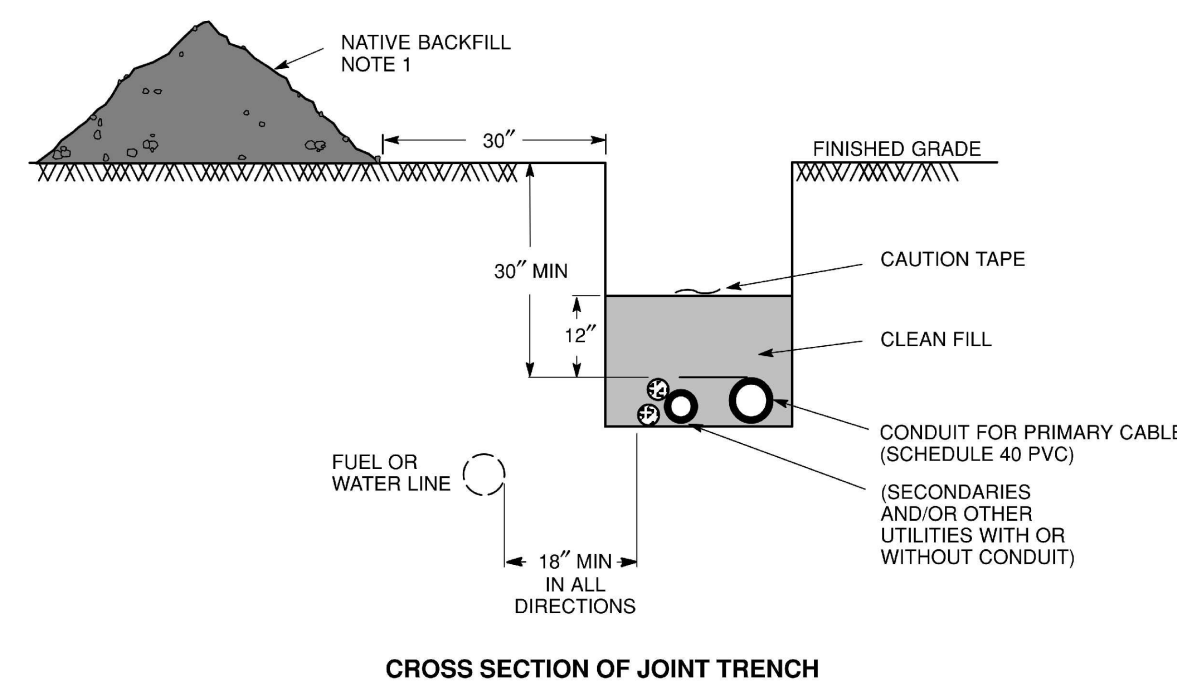
TRENCH REQUIREMENTS FOR 4" TO 12" TAP ON WATER MAIN

SOURCE: THE METROPOLITAN DISTRICT

SCOPE - All direct-buried primary cables shall be of the jacketed type. The cables may be random-laid with the secondaries and other utilities under certain conditions, detailed in **DTR 44.101**.

INSTALLATION IN TRENCH - All direct-buried cables shall be installed at a depth of at least 30 inches in the following order:

1. Ensure that the bottom of the trench is well-tamped and free of rocks.
2. Install the conduit, guling all couplings.
3. Install secondaries and other utility cables or conduits in the trench.
4. Backfill with 12 inches clean fill not to contain stones larger than 2 inches in maximum diameter.
5. Install cable warning tape 12 inches over the conduit.
6. Fill in the remainder of the trench with native backfill.
7. Install pull line, including 10 feet of slack, and secure to conduit plug at each end of conduit run.



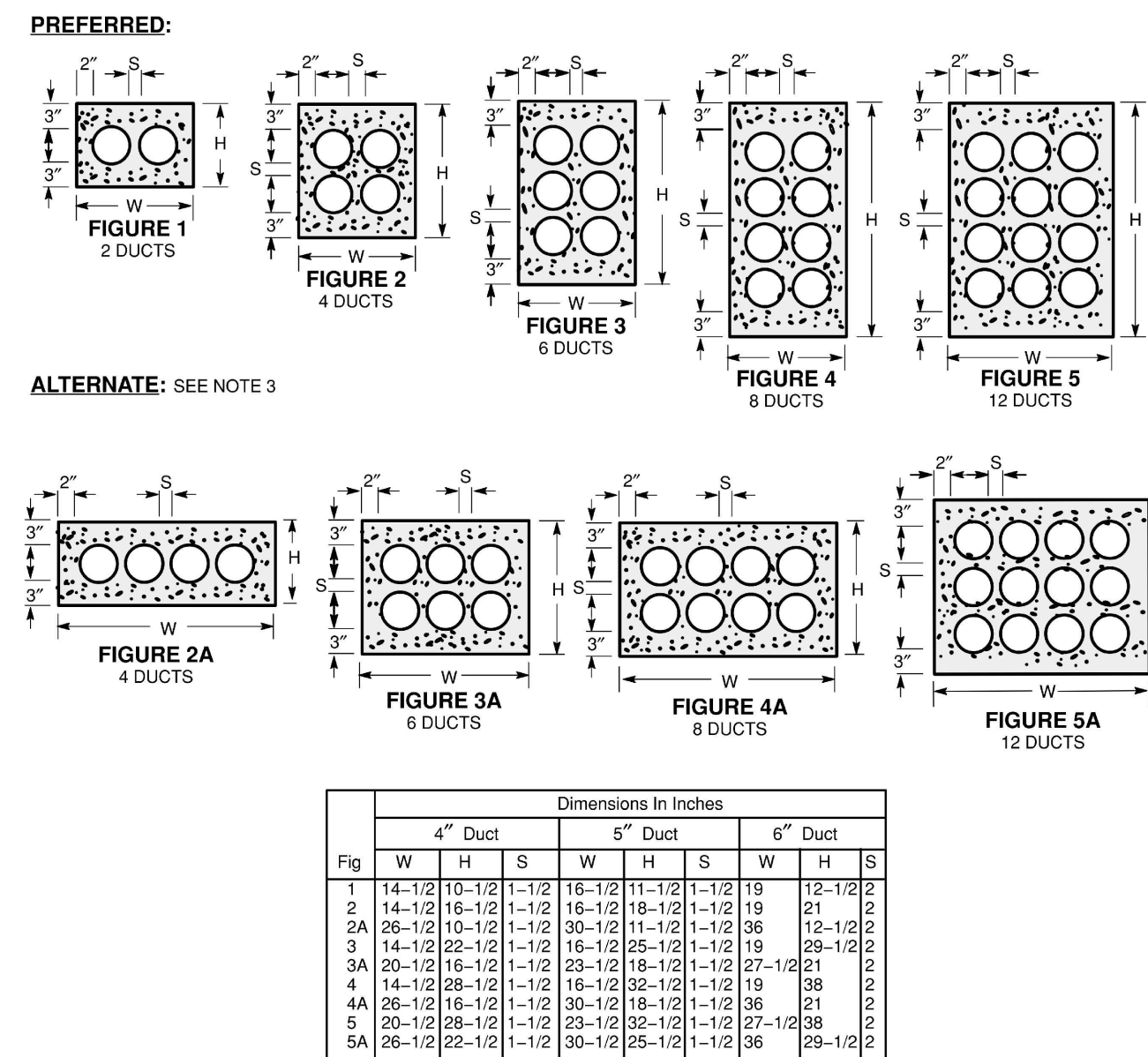
CROSS SECTION OF JOINT TRENCH

- Notes**
1. The trench shall be backfilled immediately following placement of the conduit.
 2. 1/4-inch-diameter nylon pull line and plastic conduit plugs to be supplied and installed by contractor.

| | | | |
|----------|--|-----------------------|--------------|
| ORIGINAL | THREE-PHASE PRIMARY CABLE INSTALLATION | | CT/MA |
| REVISION | DIRECT-BURIED - IN CONDUIT | | |
| APPROVED | NORTHEAST UTILITIES | CONSTRUCTION STANDARD | DTR 51.102 3 |

ELECTRICAL PRIMARY CABLE INSTALLATION

SOURCE: EVERSOURCE

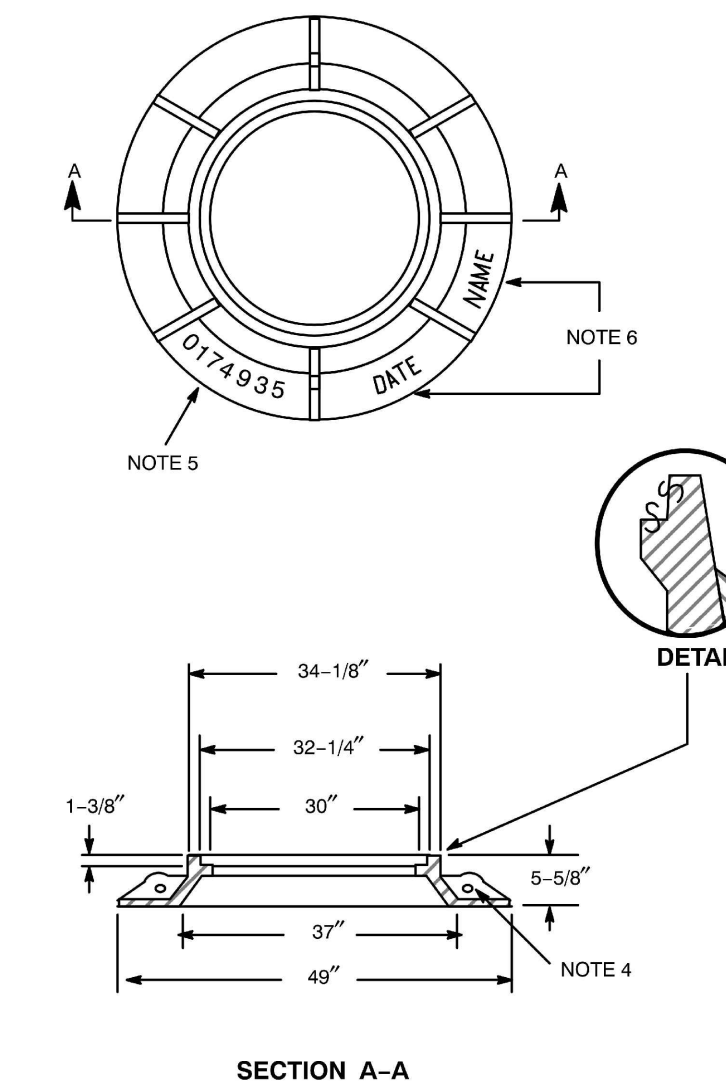


- Notes**
1. At manholes conduit banks shall be per Figures 1, 2, 3, 4, or 5.
 2. Minimum cover from top of a conduit bank to the pavement or earth surface shall be:
 - a. State highways - 36 inches
 - b. Railroad tracks - 60 inches
 - c. All other areas - 24 inches
 3. In the conduit run between manholes if obstructions are encountered or to reduce trench depth, Figures 2A, 3A, 4A, or 5A are permissible.
 4. Concrete shall be 2500 psi, 1/2 inch maximum stone, 6-9 inches slump of such consistency that spading will ensure the flow of concrete between and under the individual ducts, but not so wet as to float the ducts. For tier buildup construction a stiffer consistency should be used.

| | | | |
|----------|---------------------------|-------------------------------|--------------|
| ORIGINAL | CONDUIT BANK CONSTRUCTION | | |
| REVISION | | | |
| APPROVED | NORTHEAST UTILITIES | DESIGN & APPLICATION STANDARD | DTR 73.209 5 |

ELECTRICAL CONDUIT BANK CONSTRUCTION

SOURCE: EVERSOURCE

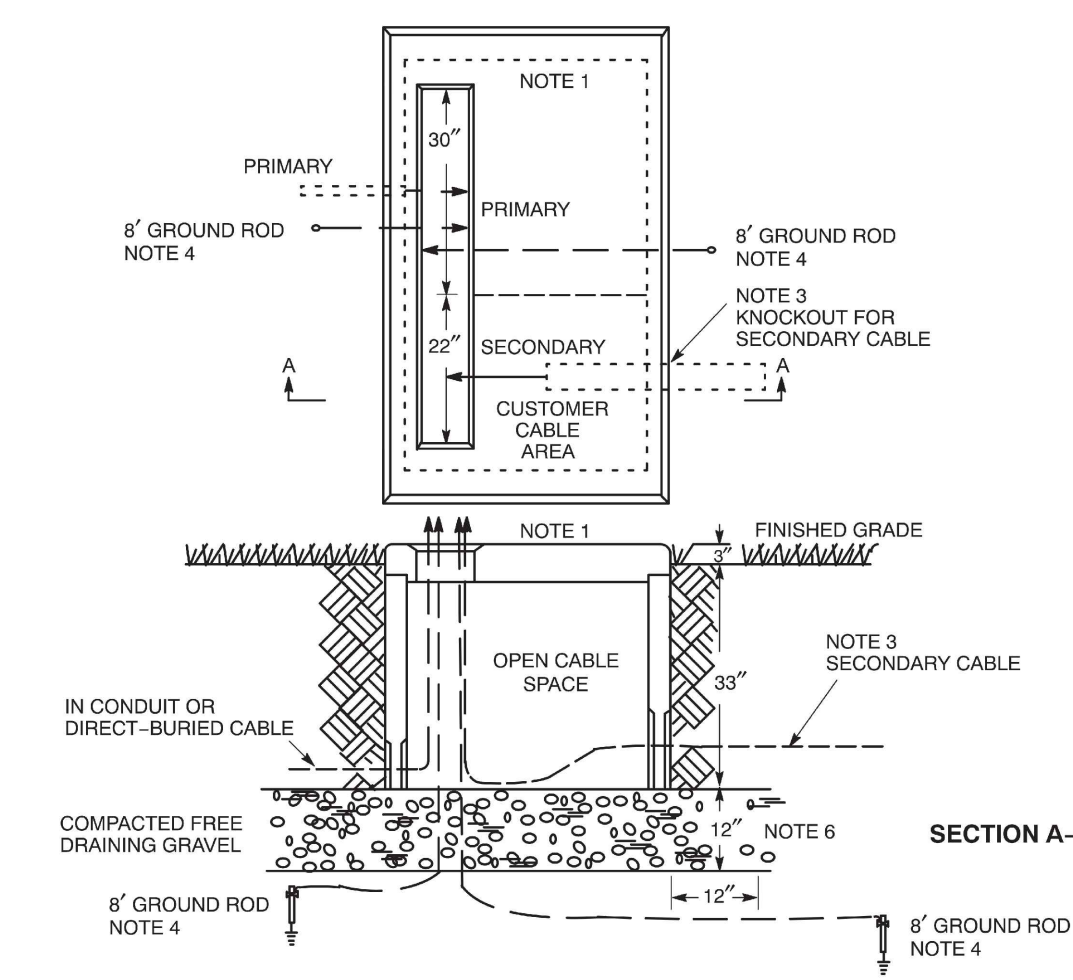


- Notes**
1. The gray cast iron shall conform to the latest edition of ASTM A48-1983 Class 30B castings.
 2. Design loading shall be in accordance with the latest edition of AASHTO HS20-1983.
 3. Bearing and side surfaces of frames for cover seat shall be machine finished with tolerances of +1/16 inch -0 inches.
 4. Four lifting holes (alternate ribs), 1-1/4 inch diameter with center 1-1/4 inch from base and side of frame.
 5. NU SC 0174935 shall be cast in the flange.
 6. Foundry name or insignia and date (year) shall be cast in the flange adjacent to NU stock code.
 7. The 30-inch frame requires a 32-inch cover.
 8. Weight of 30-inch frame is approximately 400 pounds.

| | | | |
|----------|-----------------------------|------------------------|-------------|
| ORIGINAL | FRAME - MANHOLE - CAST IRON | | |
| REVISION | | | |
| APPROVED | NORTHEAST UTILITIES | MATERIAL SPECIFICATION | SPC F-495 1 |

ELECTRICAL MANHOLE FRAME

SOURCE: EVERSOURCE

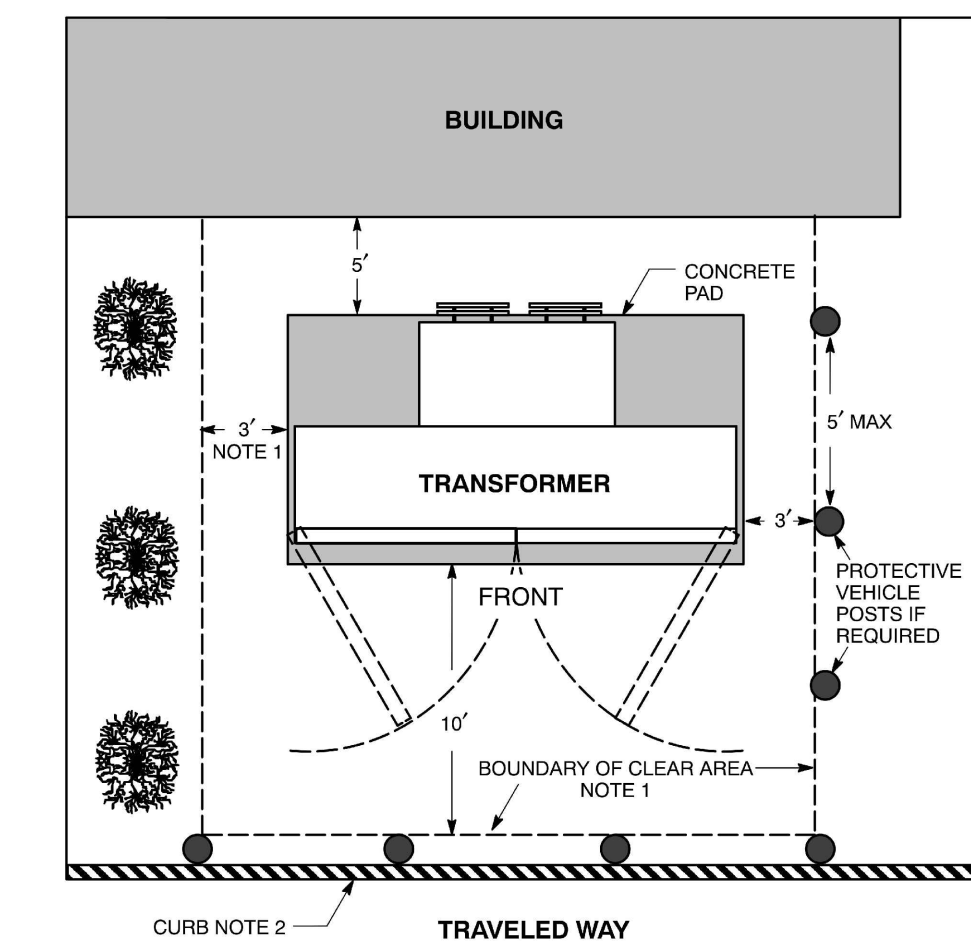


- Notes**
1. 75 - 300 kVA - Install 76" x 54" x 36" pad as per SPC P-010 and P-014.
 2. 500 - 2500 kVA - Install 76" x 70" x 36" pad as per SPC P-010 and P-016.
 3. **Primary Cable**
 - a. Install direct-buried cables a minimum of 30 inches below grade.
 - b. Install cables in conduit a minimum of 24 inches below grade.
 4. **Secondary Cable** - Leave enough cable to extend 6 feet above pad for future reconnecting to transformers with higher secondary terminals. Customer cable(s) shall enter through the rear knockout and shall be confined to the area defined as the "customer cable area."
 5. **Galvanized Steel Ground Rods** - Install in trench and connect #2 copper conductors from rods through pad opening and extending 5 feet above pad. Minimum separation of ground rods is 8 feet.
 - a. DTR 17.083 - THREE-PHASE TRANSFORMER CONNECTIONS
 - b. DTR 33.217 - 600-VOLT CONNECTOR GUIDE - FOR NEMA PADS - THREE-PHASE PAD-MOUNT TRANSFORMERS
 - c. DTR 42.061 - LOCATION AND MECHANICAL PROTECTION REQUIREMENTS
 - d. DTR 44.221 - FAULT INDICATOR GUIDE - SOLID DIELECTRIC CABLES
 - e. DTR 56.509 - PRIMARY - SECONDARY AND TRANSFORMER GROUNDING
 - f. DSEM Section 14.21 - LOADING LIMITS - THREE-PHASE TRANSFORMERS
 - g. DSEM Section 07.30 - CONVENTIONAL UG LOOPS
 - h. DTR 56.221 - JACKETED PRIMARY CABLE - GROUNDING
 6. The excavation for the pad shall be carried to a depth of 12 inches below the bottom of the pad. The bottom layer of backfill shall be compacted, clean gravel, free of foreign matter and construction debris, extending 12 inches beyond the circumference of the structure, and in accordance with Connecticut DOT Spec M.02.06 Grading "A," or Massachusetts DPW Spec M1.03.0 Type B. The remaining backfill shall not contain ashes, cinders, shells, frozen material, loose debris, or stones larger than 2 inches in maximum dimension. It shall be placed in 6-inch layers and compacted with mechanical tampers to not less than 95 percent of the maximum dry density as determined by the standard compaction tests, AASHTO T180 or ASTM D698.

| | | | |
|----------|--|-----------------------|--------------|
| ORIGINAL | INSTALLATION OF CONCRETE PAD FOR THREE-PHASE | | |
| REVISION | PAD-MOUNTED TRANSFORMERS 75-2500 KVA - DIRECT-BURIED | | |
| APPROVED | NORTHEAST UTILITIES | CONSTRUCTION STANDARD | DTR 58.301 8 |

ELECTRICAL CONCRETE PAD INSTALLATION

SOURCE: EVERSOURCE



- Notes**
1. To inspect, provide access, operate elbow connectors and ventilate the transformer, the above specified clear area distances to buildings or shrubs shall be maintained. The distance from the building to the concrete transformer pad. Property line shall be considered an obstruction, since fences, shrubs, etc. may be installed at a future date by adjacent property owners. Because of the possibility of cooling fins overhanging the pad, side clearances to be increased to 5 feet for transformers 1000 kVA and larger.
 2. If no curb exists, or transformer is located closer than 10 feet to the traveled way, protective vehicle posts (V) shall be installed as specified in DTR 42.061.
 3. Top of transformer pad shall be installed 3 inches above final grade.
 4. Transformer shall not be located on steep grades where access to or elbow operation is made difficult.
 5. Transformer shall meet the minimum distances to doors, windows, fire escapes, air intakes and walls as specified in DTR 42.061.
 6. Transformer is not to be located with its doors facing the building.
 7. Refer to DTR 58.301 for specific instructions on the installation of the transformer pad.
 8. Refer to DSEM Section 06.32 and DTR 58.311 (NH) for information on environmental considerations.

| | | | |
|----------|------------------------------------|-----------------------|--------------|
| ORIGINAL | PAD-MOUNTED TRANSFORMERS | | |
| REVISION | LOCATION TO BUILDINGS AND ROADWAYS | | |
| APPROVED | NORTHEAST UTILITIES | CONSTRUCTION STANDARD | DTR 42.047 7 |

ELECTRICAL TRANSFORMER LOCATION TO BUILDINGS AND ROADWAYS

SOURCE: EVERSOURCE

| Date | Description | No. |
|--|-------------|-----|
| Revisions | | |
|  | | |
| Signature | Date | |
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| Project | | |

BLUEPRINT ROBOTICS

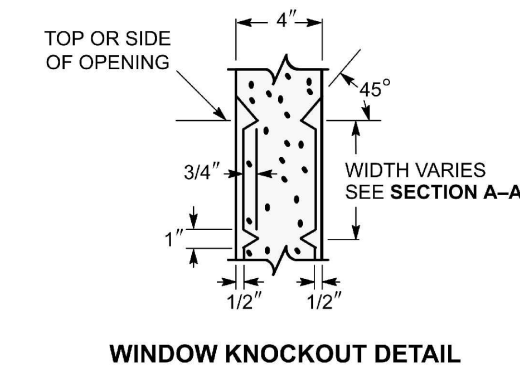
11 GOODWIN DRIVE
WINDSOR CONNECTICUT

UTILITY DETAILS IV

| | |
|-------------|-------------|
| Project No. | Drawing No. |
| 140258101 | CU504 |
| Date | 01/13/2023 |
| Drawn By | JMGM |
| Checked By | DTG |

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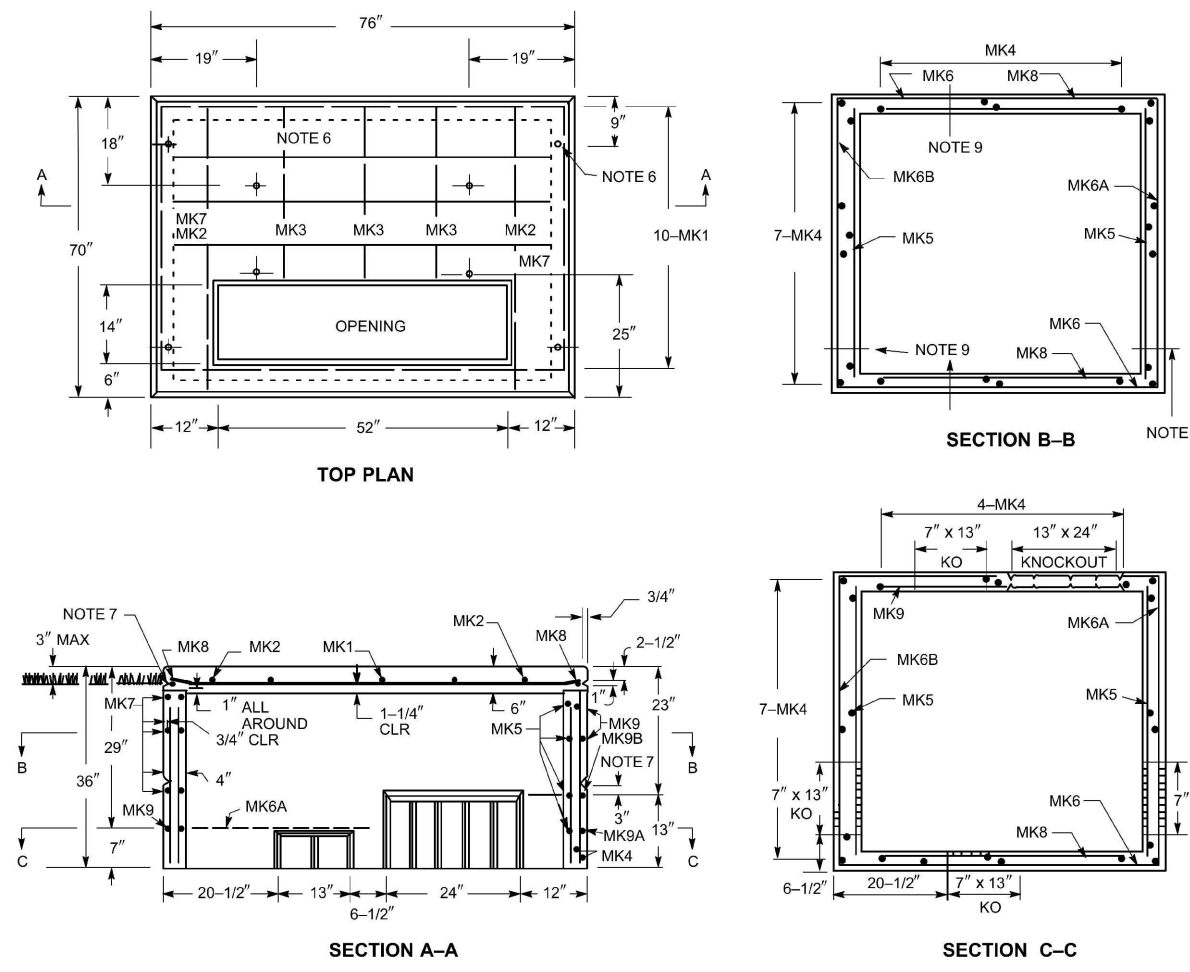
| BAR SCHEDULE | | | | | | | | | | | |
|--------------|---------|---------|---------|-----|-----|-----|------|---------|-----|-----|-----|
| MARK NO | MK1 | MK2 | MK3 | MK4 | MK5 | MK6 | MK6A | MK6B | MK7 | MK8 | MK9 |
| SIZE | #6 | #4 | #4 | #3 | #4 | #4 | #4 | #4 | #4 | #4 | #4 |
| NO OF BARS | 10 | 2 | 3 | 22 | 8 | 7 | 1 | 1 | 2 | 7 | 1 |
| DIMENSIONS | 62" 15" | 56" 15" | 41" 15" | 29" | 67" | 74" | 26" | 10" 26" | 38" | 68" | 56" |



- Notes**
1. **Roof Design Load:** 4000 lbs spread over 1-foot-square area anywhere on roof.
 2. **Walls:** Soil pressure of equivalent fluid pressure of 33 pcf. Surcharge of 2.5 feet of soil weighing 120 pcf.
 3. **Concrete:** 4000 psi at 28 days. Entrained air 6-9 percent.
 4. **Steel:** ASTM A615-1992, Grade 40.
 5. All concrete and reinforcement in accordance with ACI 318-1999.
 6. For lifting top or bottom sections, cast in four 3/4-inch-diameter Dayton Suregrip (or approved equal) coil loop inserts, galvanized, with T21 plastic setting plugs. Inserts are to be secured in place with rebar.
 7. **Top:** Catalog Type B16, 3/4 inch diameter x 4 inches long
 8. **Bottom:** Catalog Type B16, 3/4 inch diameter x 6 inches long
 9. Provide 3-inch-long groove (3/4 inch x 1 inch) for lifting sling at each corner, each side.
 10. Manufacturer's identification and month/year when manufactured shall be legibly marked in/on concrete in the side.
 11. Zinc alloy inserts 3/4 inch - 10 inches x 3 inches for cable pulling. To be located 4 inches above (7 inch x 13 inch) knockouts (four).

| | | | |
|----------|---|------------------------|-------------|
| ORIGINAL | PAD - PRECAST CONCRETE - THREE-PHASE TRANSFORMER | | |
| 3/1/23 | 500-2500 KVA - 76" x 70" x 36" | | |
| APPROVED | NORTHEAST UTILITIES | MATERIAL SPECIFICATION | SPC P-016 7 |

PAD - PRECAST CONCRETE - THREE-PHASE TRANSFORMER
 500-2500 KVA - 76" x 70" x 36"
 MATERIAL SPECIFICATION
 SPC P-016 7



ELECTRICAL PRECAST CONCRETE PAD

SOURCE: EVERSOURCE

| DESCRIPTION | MFG OR SUPPLIER | CATALOG NUMBER | STANDARD PACKAGE UNIT | ITEM NUMBER | ILLUSTRATION |
|--|---------------------------|------------------------------|-----------------------|-------------|--------------|
| END BELL, PVC , as per NEMA TC9-2004, for terminating duct in manholes (for Type EB and DB conduits only) | | | | | |
| End Bell Size 3" | Cantex Carlton | 5144104 E297L | 50EA | 500680 | |
| 4" | Cantex Carlton | 5144106 E297N | 30EA | 520185 | |
| 5" | Cantex Carlton | 5144108 E297P | 12EA | 520186 | |
| 6" | Cantex Carlton | 5144110 E297R | 10EA | 520187 | |
| EXPANSION JOINT , asphalt impregnated cane fiber 5" x 1/2" x 10' | Harris | By desc | 1EA | 550367 | |
| EXTENSION, ANCHOR ROD , 1 1/2" x 1 1/2" x 60", galvanized, with coupling | Chance Dixie Joslyn | 12656 D6620-U J23378.5 | 1EA | 566518 | |
| EXTENSION, ANCHOR ROD, SCREW , with integral coupling | Chance Dixie | 12250A D-753-1/2-C | 3EA | 566519 | |
| Size 3/4" x 3 1/2" | Chance Dixie | 12251A D-1003-1/2-C | 2EA | 566520 | |

ELECTRICAL CONDUIT END BELL

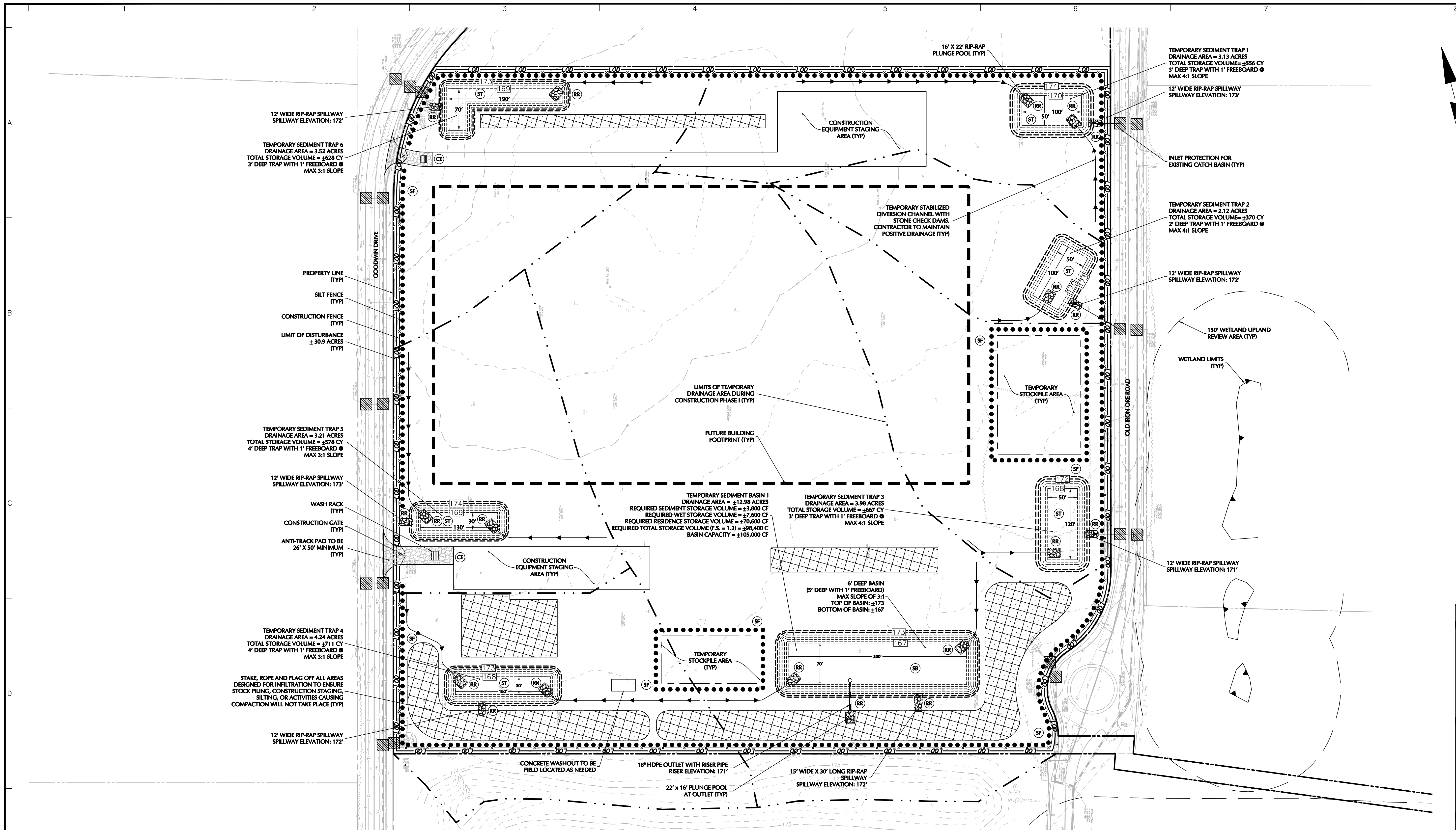
SOURCE: EVERSOURCE

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| Signature | | Date |
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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| UTILITY DETAILS V | | |
| Project No. | Drawing No. | |
| 140258101 | CU505 | |
| Date | | |
| 03/08/2023 | | |
| Drawn By | | |
| Checked By | DTG | |



| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |
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| Signature | Date | |

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Project
BLUEPRINT ROBOTICS

11 GOODWIN DRIVE
WINDSOR CONNECTICUT

Drawing Title
OVERALL SOIL EROSION & SEDIMENT CONTROL PLAN (PHASE I)

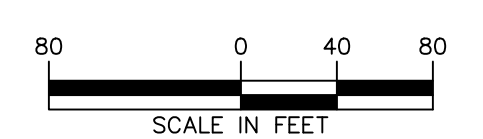
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| Project No. | Drawing No. |
| 140258101 | CE100 |
| Date | |
| 03/28/2023 | |
| Drawn By | JMGM |
| Checked By | DTG |

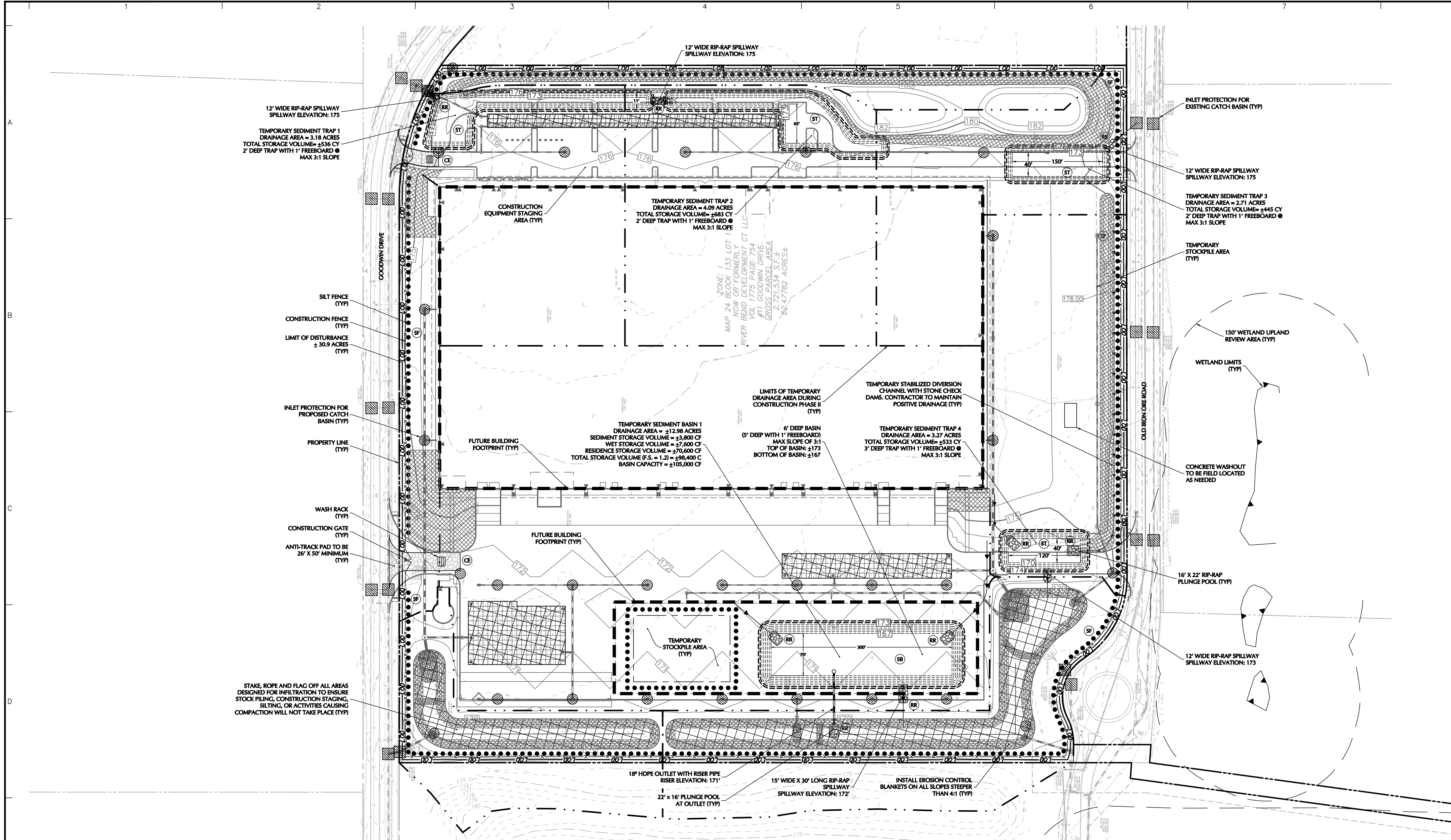
| TEMPORARY SEDIMENT TRAP SIZING | | |
|--------------------------------|---------------------------------|-------------------------------------|
| TRAP # | REQUIRED | PROPOSED |
| #1 | 3.13 AC * 134 * 1.2 FS = 503 CY | 50 FT X 100 FT X 3 FT / 27 = 556 CY |
| #2 | 2.12 AC * 134 * 1.2 FS = 341 CY | 50 FT X 100 FT X 2 FT / 27 = 370 CY |
| #3 | 3.98 AC * 134 * 1.2 FS = 640 CY | 50 FT X 120 FT X 3 FT / 27 = 667 CY |
| #4 | 4.24 AC * 134 * 1.2 FS = 682 CY | 30 FT X 160 FT X 4 FT / 27 = 711 CY |
| #5 | 3.41 AC * 134 * 1.2 FS = 548 CY | 30 FT X 130 FT X 4 FT / 27 = 578 CY |
| #6 | 3.52 AC * 134 * 1.2 FS = 567 CY | 5,650 SF X 3 FT / 27 = 628 CY |

- NOTES:
- TEMPORARY SEDIMENT TRAPS SHALL BE INSTALLED IN DISTURBED AREAS WITH DRAINAGE AREAS LESS THAN 5 ACRES. TEMPORARY SEDIMENT TRAPS SHALL BE SIZED ACCORDING TO THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL TO PROVIDE A MINIMUM OF 134 CUBIC YARDS OF STORAGE PER ACRE OF DRAINAGE AREA.
 - TEMPORARY SEDIMENT BASINS SHALL BE INSTALLED IN DISTURBED AREAS WITH DRAINAGE AREAS GREATER THAN 5 ACRES. TEMPORARY SEDIMENT BASINS SHALL BE SIZED ACCORDING TO THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
 - SEDIMENT TRAPS AND BASINS SHALL BE MAINTAINED UNTIL FINAL STABILIZATION OF THE CONTRIBUTING AREA.
 - FINAL CONSTRUCTION SEQUENCING AND TIMING SHALL BE DETERMINED BY THE GENERAL CONTRACTOR OF RECORD, PROPERTY OWNER, AND PROPOSED TENANT.
 - A FACTOR OF SAFETY OF 1.2 WAS APPLIED TO SIZE EACH TEMPORARY SEDIMENT TRAP AND BASIN.

| LEGEND | | | | | |
|--------|-------|--------------------------------|--------|-----|--|
| SYMBOL | KEY | TITLE | SYMBOL | KEY | TITLE |
| | | EXISTING INLET PROTECTION | | | INFILTRATION BASIN PROTECTION AREA |
| | | PROPOSED INLET PROTECTION | | | EROSION CONTROL BLANKETS |
| | RR | RIP-RAP PROTECTION | | | STOCKPILE AREA |
| | | LIMIT OF DISTURBANCE | | | STABILIZED DIVERSION CHANNEL WITH STONE CHECK DAMS |
| | CE | CONSTRUCTION ENTRANCE | | | CONSTRUCTION FENCING |
| | SF | SILT FENCE | | | TEMPORARY DRAINAGE AREA |
| | SB ST | SEDIMENT BASIN / SEDIMENT TRAP | | | FUTURE BUILDING FOOTPRINT |

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12' WIDE RIP-RAP SPILLWAY
SPILLWAY ELEVATION: 175

TEMPORARY SEDIMENT TRAP 1
DRAINAGE AREA = 3.18 ACRES
TOTAL STORAGE VOLUME = ±536 CY
2' DEEP TRAP WITH 1' FREEBOARD @
MAX 3:1 SLOPE

CONSTRUCTION
EQUIPMENT STAGING
AREA (TYP)

TEMPORARY SEDIMENT TRAP 2
DRAINAGE AREA = 4.09 ACRES
TOTAL STORAGE VOLUME = ±483 CY
2' DEEP TRAP WITH 1' FREEBOARD @
MAX 3:1 SLOPE

SILT FENCE
(TYP)

CONSTRUCTION FENCE
(TYP)

LIMIT OF DISTURBANCE
± 30.9 ACRES
(TYP)

INLET PROTECTION FOR
PROPOSED CATCH
BASIN (TYP)

PROPERTY LINE
(TYP)

WASH RACK
(TYP)

CONSTRUCTION GATE
(TYP)

ANTI-TRACK PAD TO BE
26' X 50' MINIMUM
(TYP)

STAKE, ROPE AND FLAG OFF ALL AREAS
DESIGNED FOR INFILTRATION TO ENSURE
STOCK PILING, CONSTRUCTION STAGING,
SILTING, OR ACTIVITIES CAUSING
COMPACTION WILL NOT TAKE PLACE (TYP)

TEMPORARY SEDIMENT BASIN 1
DRAINAGE AREA = ±12.98 ACRES
SEDIMENT STORAGE VOLUME = ±3,900 CF
WET STORAGE VOLUME = ±7,600 CF
RESIDENCE STORAGE VOLUME = ±70,600 CF
TOTAL STORAGE VOLUME (F.S. = 1.2) = ±86,000 C
BASIN CAPACITY = ±105,000 CF

LIMITS OF TEMPORARY
DRAINAGE AREA DURING
CONSTRUCTION PHASE II
(TYP)

TEMPORARY STABILIZED DIVERSION
CHANNEL WITH STONE CHECK
DAMS. CONTRACTOR TO MAINTAIN
POSITIVE DRAINAGE (TYP)

TEMPORARY SEDIMENT TRAP 4
DRAINAGE AREA = 3.27 ACRES
TOTAL STORAGE VOLUME = ±533 CY
3' DEEP TRAP WITH 1' FREEBOARD @
MAX 3:1 SLOPE

TEMPORARY
STOCKPILE AREA
(TYP)

18" HDPE OUTLET WITH RISER PIPE
RISER ELEVATION: 171'

22' x 16' PLUNGE POOL
AT OUTLET (TYP)

15' WIDE X 30' LONG RIP-RAP
SPILLWAY
SPILLWAY ELEVATION: 172'

INSTALL EROSION CONTROL
BLANKETS ON ALL SLOPES STEEPER
THAN 4:1 (TYP)

INLET PROTECTION FOR
EXISTING CATCH BASIN (TYP)

12' WIDE RIP-RAP SPILLWAY
SPILLWAY ELEVATION: 175

TEMPORARY SEDIMENT TRAP 3
DRAINAGE AREA = 2.71 ACRES
TOTAL STORAGE VOLUME = ±445 CY
2' DEEP TRAP WITH 1' FREEBOARD @
MAX 3:1 SLOPE

TEMPORARY
STOCKPILE AREA
(TYP)

150' WETLAND UPLAND
REVIEW AREA (TYP)

WETLAND LIMITS
(TYP)

CONCRETE WASHOUT
TO BE FIELD LOCATED
AS NEEDED

16' X 22' RIP-RAP
PLUNGE POOL (TYP)

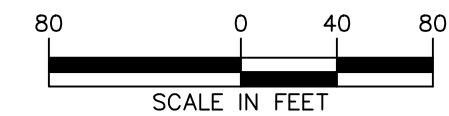
12' WIDE RIP-RAP SPILLWAY
SPILLWAY ELEVATION: 173

| TEMPORARY SEDIMENT TRAP SIZING | | |
|--------------------------------|---------------------------------|-------------------------------------|
| TRAP # | REQUIRED | PROPOSED |
| #1 | 3.18 AC • 134 • 1.2 FS = 511 CY | 7,250 SF X 2 FT / 27 = 537 CY |
| #2 | 4.09 AC • 134 • 1.2 FS = 658 CY | 9,200 SF X 2 FT / 27 = 681 CY |
| #3 | 2.71 AC • 134 • 1.2 FS = 435 CY | 6,000 SF X 2 FT / 27 = 444 CY |
| #4 | 3.27 AC • 134 • 1.2 FS = 526 CY | 40 FT X 120 FT X 3 FT / 27 = 533 CY |

- NOTES:
- TEMPORARY SEDIMENT TRAPS SHALL BE INSTALLED IN DISTURBED AREAS WITH DRAINAGE AREAS LESS THAN 5 ACRES. TEMPORARY SEDIMENT TRAPS SHALL BE SIZED ACCORDING TO THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL TO PROVIDE A MINIMUM OF 134 CUBIC YARDS OF STORAGE PER ACRE OF DRAINAGE AREA.
 - TEMPORARY SEDIMENT BASINS SHALL BE INSTALLED IN DISTURBED AREAS WITH DRAINAGE AREAS GREATER THAN 5 ACRES. TEMPORARY SEDIMENT BASINS SHALL BE SIZED ACCORDING TO THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
 - SEDIMENT TRAPS AND BASINS SHALL BE MAINTAINED UNTIL FINAL STABILIZATION OF THE CONTRIBUTING AREA.
 - FINAL CONSTRUCTION SEQUENCING AND TIMING SHALL BE DETERMINED BY THE GENERAL CONTRACTOR OF RECORD, PROPERTY OWNER, AND PROPOSED TENANT.
 - A FACTOR OF SAFETY OF 1.2 WAS APPLIED TO SIZE EACH TEMPORARY SEDIMENT TRAP AND BASIN.

| LEGEND | | | | | |
|--------|-----|--------------------------------|--------|-----|--|
| SYMBOL | KEY | TITLE | SYMBOL | KEY | TITLE |
| | | EXISTING INLET PROTECTION | | | INFILTRATION BASIN PROTECTION AREA |
| | | PROPOSED INLET PROTECTION | | | EROSION CONTROL BLANKETS |
| | RR | RIP-RAP PROTECTION | | | STOCKPILE AREA |
| | | LIMIT OF DISTURBANCE | | | STABILIZED DIVERSION CHANNEL WITH STONE CHECK DAMS |
| | CE | CONSTRUCTION ENTRANCE | | | CONSTRUCTION FENCING |
| | SF | SILT FENCE | | | TEMPORARY DRAINAGE AREA |
| | SB | SEDIMENT BASIN / SEDIMENT TRAP | | | FUTURE BUILDING FOOTPRINT |

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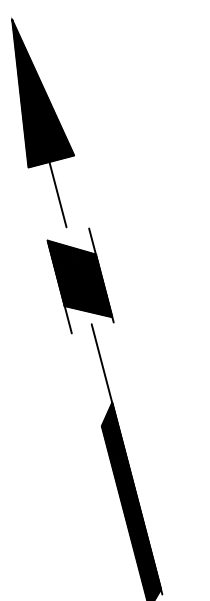
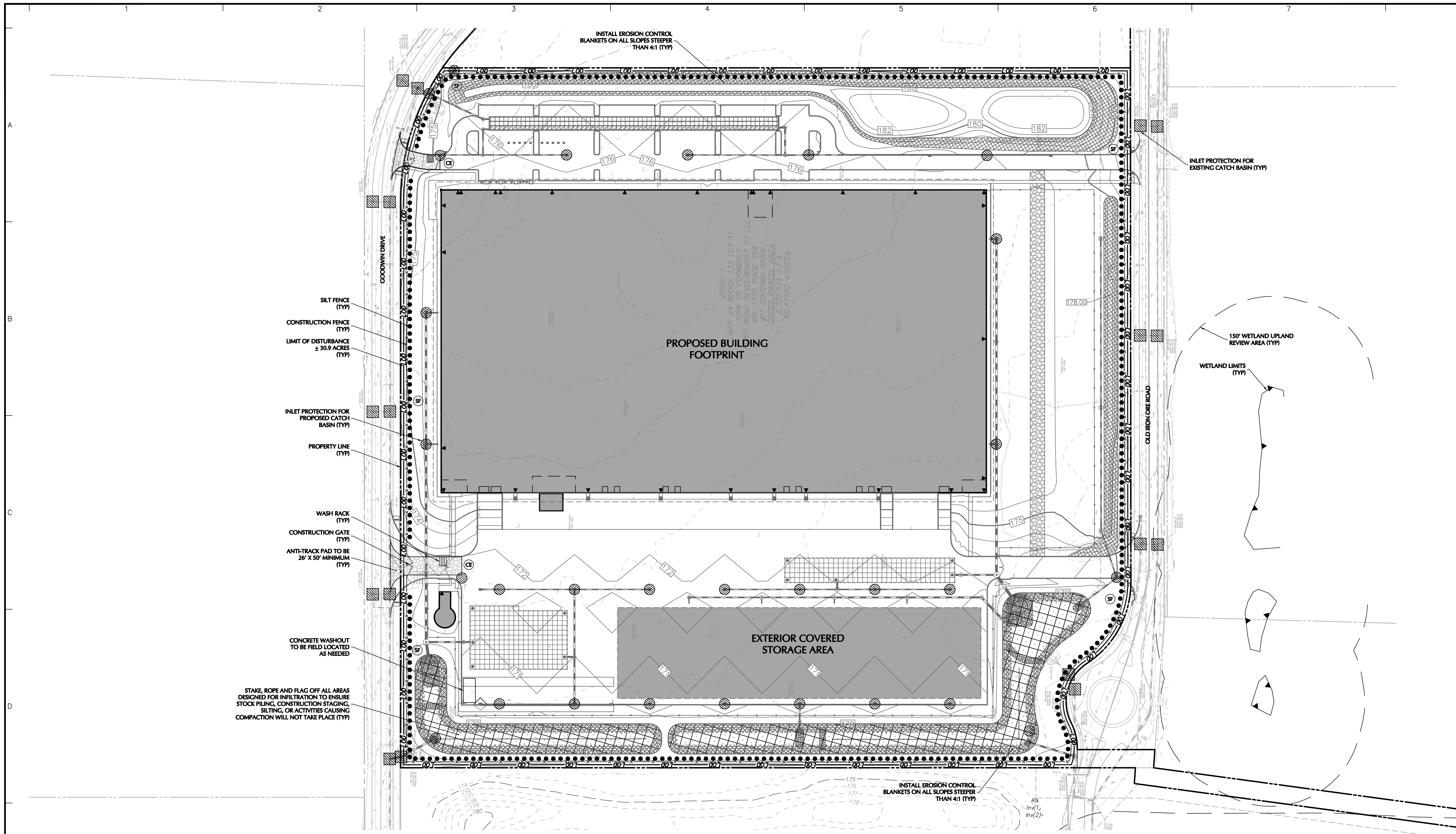


| Date | Description | No. |
|-----------|-------------|------|
| Revisions | | |
| | | |
| Signature | | Date |

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Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title
**OVERALL SOIL
EROSION & SEDIMENT
CONTROL PLAN
(PHASE II)**

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CE200 |
| Date 03/28/2023 | |
| Drawn By JMGM | |
| Checked By DTG | |



| LEGEND | | | | | |
|--------|-----|--------------------------------|--------|-----|--|
| SYMBOL | KEY | TITLE | SYMBOL | KEY | TITLE |
| | | EXISTING INLET PROTECTION | | | INFILTRATION BASIN PROTECTION AREA |
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| | SB | SEDIMENT BASIN / SEDIMENT TRAP | | | FUTURE BUILDING FOOTPRINT |

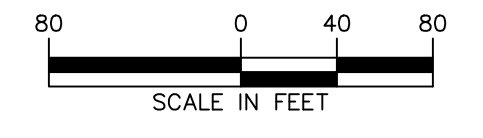
| Date | Description | No. |
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| Revisions | | |
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| Signature | | Date |

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Project
BLUEPRINT ROBOTICS
 11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title
OVERALL SOIL EROSION & SEDIMENT CONTROL PLAN (PHASE III)

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. CE300 |
| Date 03/28/2023 | |
| Drawn By JMGM | |
| Checked By DTG | |

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CONSTRUCTION SEQUENCE

| PHASE I | PHASE II | PHASE III |
|--|---|--|
| <ol style="list-style-type: none"> 1. NOTIFY ALL APPROPRIATE CITY DEPARTMENTS PRIOR TO CONSTRUCTION COMMENCEMENT IN ACCORDANCE WITH ALL APPROVALS. 2. ESTABLISH CONSTRUCTION ACCESS TO PORTION OF PROPERTY TO BE DEVELOPED. 3. PLACE CRUSHED STONE STABILIZED CONSTRUCTION ENTRANCE AND SET UP CONSTRUCTION TRAILERS. 4. INSTALL SILT FENCE AND APPROPRIATE INLET PROTECTION. 5. REMOVE ALL SURFICIAL FEATURES PER SITE PLAN. 6. BEGIN EXCAVATION OF TEMPORARY SEDIMENT TRAPS TO ESTABLISH STORMWATER RUNOFF CONTROL MEASURES. | <ol style="list-style-type: none"> 1. BEGIN EXCAVATION AND BUILDING FOUNDATION WORK. 2. BEGIN SITE PREPARATION/ROUGH GRADE FOR LOADING AREAS AND PARKING LOTS. 3. BEGIN UTILITIES AND STORMWATER TRENCHING/INSTALLATION. ENSURE ROOF CONNECTION NETWORK IS INSTALLED PRIOR TO BEGINNING ROOF CONSTRUCTION. 4. CLEAR, GRUB, STRIP AND STOCKPILE TOPSOIL FROM REMAINING CONSTRUCTION AREA. 5. EXCAVATE SITE CUTS AND PLACE COMPACTED FILLS IN ACCORDANCE WITH THE GRADING PLAN. INSTALL PROPOSED DRAINAGE SYSTEM AS REQUIRED. 6. INSTALL UTILITIES WHERE SHOWN AND WHERE TEMPORARILY NECESSARY. 7. PLACE TOPSOIL ON COMPLETED EMBANKMENTS, SEED AND STABILIZE. | <ol style="list-style-type: none"> 1. COMPLETE UNDERGROUND UTILITY CONSTRUCTION. 2. COMPLETE FINAL GRADING. 3. INSTALL BITUMINOUS CONCRETE BASE COURSE. 4. INSTALL CURBING. 5. PLACE LANDSCAPE TREES AND SHRUBS AS NOTED ON THE LANDSCAPE PLAN. 6. INSTALL BITUMINOUS CONCRETE TOP COURSE AND STRIPE. 7. UPON TURF ESTABLISHMENT, REMOVE ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES. 8. REMOVE SEDIMENT DEPOSITS FROM STORMWATER POND. 9. FLUSH AND CLEAN STORM DRAINAGE SYSTEM. 10. OBTAIN ALL REQUIRED SIGN-OFFS FROM ALL APPROPRIATE CITY DEPARTMENTS. 11. FILE NOTICE OF TERMINATION. |

SOIL EROSION-SEDIMENT CONTROL NARRATIVE & NOTES

PROPOSED DEVELOPMENT

1. CONSTRUCTION WILL INCLUDE EARTHWORK, CURBING, PAVING, UTILITY INSTALLATION, LANDSCAPING AND BUILDING CONSTRUCTION. ALL DEMOLITION DEBRIS AND SOIL REMOVAL RELATED TO CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAWS GOVERNING SUCH ACTIVITIES. THE TOTAL DISTURBED AREA IS ANTICIPATED TO BE APPROXIMATELY 30.9 ACRES. REFER TO THE PROJECT SURVEY FOR EXISTING CONDITIONS RELATED TO EXISTING TOPOGRAPHY, DRAINAGE PATTERNS, GROUND COVER, AND VEGETATION.
2. THE DETAILED EROSION AND SEDIMENT CONTROL MEASURES ARE SHOWN ON DRAWINGS CE100 - CE103. THE PROPOSED MEASURES HAVE BEEN DESIGNED TO PREVENT THE MIGRATION OF SOIL SEDIMENT FROM THE SITE.

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PHASING OF SOIL AND SEDIMENT CONTROL PRACTICES TO ENSURE SOIL AND SEDIMENT ARE PREVENTED FROM LEAVING THE DEVELOPMENT AREA THROUGHOUT DEMOLITION & CONSTRUCTION.
2. THE SOIL AND SEDIMENT CONTROL PRACTICES MUST BE INSTALLED IN ACCORDANCE WITH THE LOCAL GOVERNING AUTHORITY AND THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION AND THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
3. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO START OF DEMOLITION AND CONSTRUCTION AND DISTURBANCE OF SITE CONTRIBUTORY DRAINAGE AREAS. THE OWNER OR ITS CONTRACTOR SHALL INSPECT, REPAIR AND REMOVE ALL SEDIMENT AND EROSION CONTROL DEVICES, AS INDICATED HEREIN. ALL EARTH CHANGES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED IN SUCH A MANNER SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST POSSIBLE PERIOD OF TIME.
4. DISPOSAL OF COLLECTED SEDIMENT SHALL BE MADE TO AREA DESIGNATED BY THE OWNER'S SOIL ENGINEER.
5. FILTER FABRIC/SILT FENCE WILL BE INSTALLED ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
6. ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING/LANDSCAPED AREAS SHALL BE REMOVED FROM THE SITE IMMEDIATELY, IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAW. ALL TOPSOIL TO BE USED IN LANDSCAPED AREAS SHALL BE STORED/STOCKPILED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAW STANDARDS.
7. ALL AREAS WITHIN 500 FEET OF AN INHABITED DWELLING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL.
8. PAVEMENT BASE COURSE MUST BE PLACED IN ALL NEW ROADWAY AREAS UPON COMPLETION OF FINE GRADING.
9. THE CONTRACTOR IS RESPONSIBLE FOR ALL PAVED ROADWAYS, ON AND OFF-SITE, WHICH MUST BE KEPT FREE OF SITE GENERATED SEDIMENT AT ALL TIMES. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHOD.
10. ALL STORM DRAINAGE OUTLETS MUST BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
11. SILT FENCES AND BARRIERS MUST BE CLEANED OR REPLACED PERIODICALLY TO REMOVE BUILT-UP SILT.
12. SEDIMENT TRAPS MUST BE CLEANED WHEN CAPACITY HAS BEEN REDUCED BY AN AVERAGE OF 2" OVER ITS TOTAL AREA OR TO 70% OF ITS DESIGN VOLUMES, WHICHEVER OCCURS FIRST.
13. ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED ON A DAILY BASIS AND CLEANED IMMEDIATELY AFTER EACH STORM.
14. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED FOR THE CONVEYANCE OF WATER AROUND, THROUGH, OR FROM THE EARTH CHANGE AREA SHALL BE DESIGNED TO LIMIT THE WATER FLOW TO A NON-EROSIVE VELOCITY.
15. THE CONTRACTOR SHALL CORRECT ANY OMISSIONS, ERRORS, OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
16. ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.
17. SOIL EROSION AND SEDIMENT CONTROLS MUST BE INSPECTED BY THE ZONING ENFORCEMENT OFFICER BEFORE WORK MAY COMMENCE.
18. THE PROPERTY OWNER AND/OR HIS/HER AGENTS MUST MAINTAIN (REPAIR/REPLACE) WHEN NECESSARY, THE SALTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.

TEMPORARY STABILIZATION

SEDIMENT DISPOSAL AREAS AND TOPSOIL STOCKPILES NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN THIRTY (30) DAYS OF DISTURBANCE SHALL BE STABILIZED AS FOLLOWS:

- A. SOIL AMENDMENTS AS NECESSARY.
- B. ANNUAL RYE GRASS SEEDING APPLIED AT A RATE OF NOT LESS THAN 1 LB. PER 1,000 SF.
- C. MULCH ALL NEWLY SEEDING AREAS WITHIN 80 LBS. OF SALT HAY OR SMALL GRAIN STRAW PER 1,000 SF.
- D. WHEN DISTURBED AREAS ARE SCHEDULED FOR IMMEDIATE LANDSCAPING THEY MAY BE MULCHED AND SEEDING PER ITEM C ABOVE.

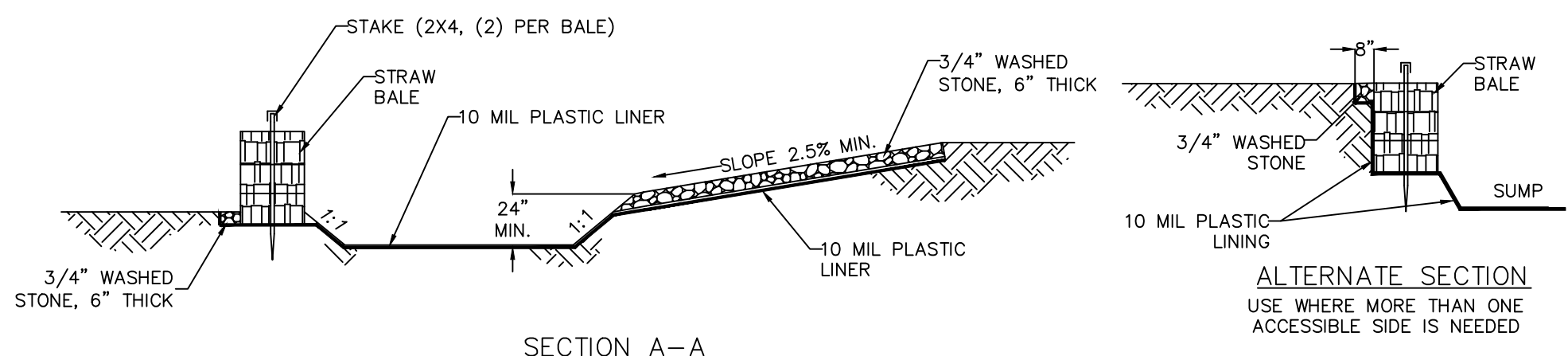
PERMANENT STABILIZATION

REFER TO PLANS FOR PERMANENT STABILIZATION METHODS + PROPOSED SEED MIXES.

- A. PERMANENT VEGETATION IS TO BE SEEDING OR SOODED ON ALL DISTURBED LAND AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADING. MULCH AS NECESSARY FOR SOIL PROTECTION AND ESTABLISHMENT. AMEND SOIL AS NEEDED PRIOR TO PERMANENT SEEDING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER COMPLETION OF AN EARTH CHANGE OR WHEN SIGNIFICANT EARTH CHANGE ACTIVITY CEASES, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. ALL DISTURBED AREAS, STOCKPILES OF FILL OR EXCAVATED MATERIAL SHALL BE STABILIZED IN SUCH A MANNER AS NOT TO CAUSE UNREASONABLE HAZARD TO PERSONS OR PROPERTY.
- B. MATERIALS SPECIFICATION: LAWN + MEADOW AREAS.
 - (i) ANY SOIL HAVING A PH OF FOUR OR LESS CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF TWELVE INCHES OF SOIL HAVING A PH OF FIVE OR MORE PRIOR TO SEED BED PREPARATION.
 - (ii) APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH IN VALLEYS AND AT CREATED BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.
- C. MULCHING SHALL BE DONE AT THE RATE OF SEVENTY TO NINETY POUNDS (70-90 LBS) PER 1,000 SQUARE FEET WITH UNROTATED SALT HAY.
- D. LIQUID MULCH BINDERS MUST BE USED TO ANCHOR SALT HAY, HAY OR STRAY MULCHES.
 - (i) USE ONE OF THE FOLLOWING: SYNTHETIC OR ORGANIC BINDERS. BINDERS SUCH AS CURASOL DCA-70, PETRO SET, TERRA TACH, HYDRO MULCH AND AEROSOL MCH MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER OF ANCHOR MULCH PETROLEUM PRODUCTS SHALL NOT BE USED.
 - (ii) ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. THIS DOES NOT CONSTITUTE A RECOMMENDATION OF THESE TO THE EXCLUSION OF OTHER PRODUCTS.
 - (iii) D. FILL MATERIAL SHALL BE FREE FROM DEBRIS, PERISHABLE OR COMBUSTIBLE MATERIAL AND FROZEN OR WET EARTH OR STONES LARGER THAN THREE INCHES IN MAXIMUM DIMENSION.
 - (iv) CONSTRUCTION AREAS SHALL BE PERIODICALLY SPRAYED WITH WATER UNTIL THE SURFACE IS WET TO CONTROL THE GENERATION OF DUST.
 - (v) ALL REVISIONS AFTER APPROVAL HAS BEEN GRANTED SHALL BE FORWARDED TO THE APPROPRIATE DISTRICT FOR REVIEW.
 - (vi) THE LOCAL GOVERNING AUTHORITY SHALL RECEIVE WRITTEN NOTIFICATION SEVENTY TWO HOURS BEFORE THE START OF ANY CONSTRUCTION.

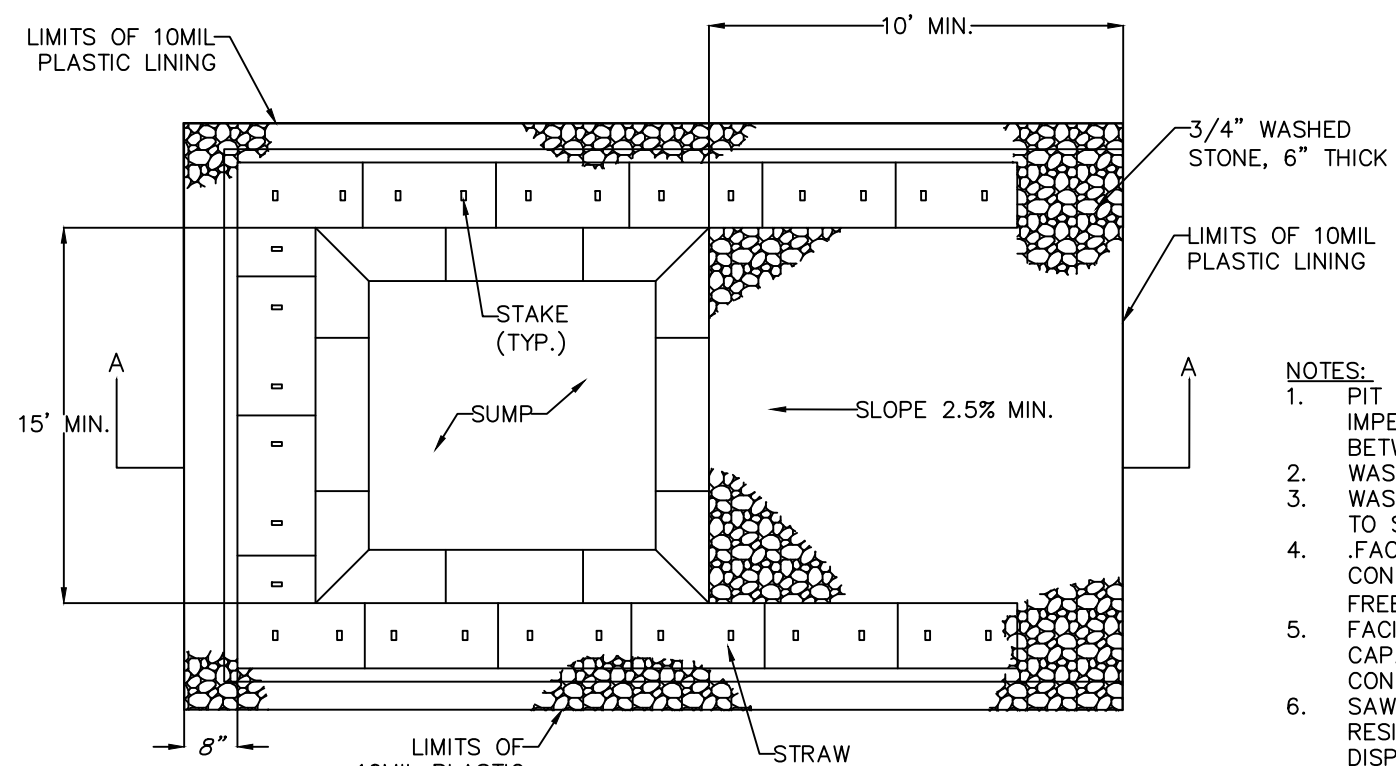
CONTINGENCY SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

19. THE GENERAL CONTRACTOR WILL DESIGNATE PERSONNEL FOR 24 HOUR EMERGENCY RESPONSE IN THE EVENT OF SEVERE WEATHER AND INCREASED POTENTIAL FOR SEVERE EROSION.
20. THE GENERAL CONTRACTOR IS REQUIRED TO MAINTAIN ON SITE OR HAVE THE ABILITY TO RETRIEVE WITHIN 12 HOURS THE FOLLOWING MATERIALS IN THE EVENT THAT THERE ARE DEFICIENCIES IN THE SESS MEASURES:
 - A. 25% OF THE INSTALLED LENGTH OF SILT FENCE.
 - B. EQUIVALENT TONNAGE OF STONE FOR STABILIZATION OF 2 STABILIZATION ENTRANCES. STONE COULD BE USED FOR SLOPE REPAIRS, ENERGY DISSIPATER ENHANCEMENTS, ETC.
 - C. HEAVY EQUIPMENT CAPABLE OF TRENCHING/EXCAVATING LARGE AREAS TO DIVERT AND CONTROL RUNOFF IN A CONTROLLED MANNER.
 - D. HAVE DESIGNATED A HYDRO-SEED CONTRACTOR CAPABLE OF RESPONDING TO THE SITE WITHIN 12 HOURS.
21. ANY STUMP GRINDINGS OR WOOD CHIPS GENERATED ON-SITE SHOULD BE RETAINED FOR USE TO BACK UP SILT FENCES.



SECTION A-A

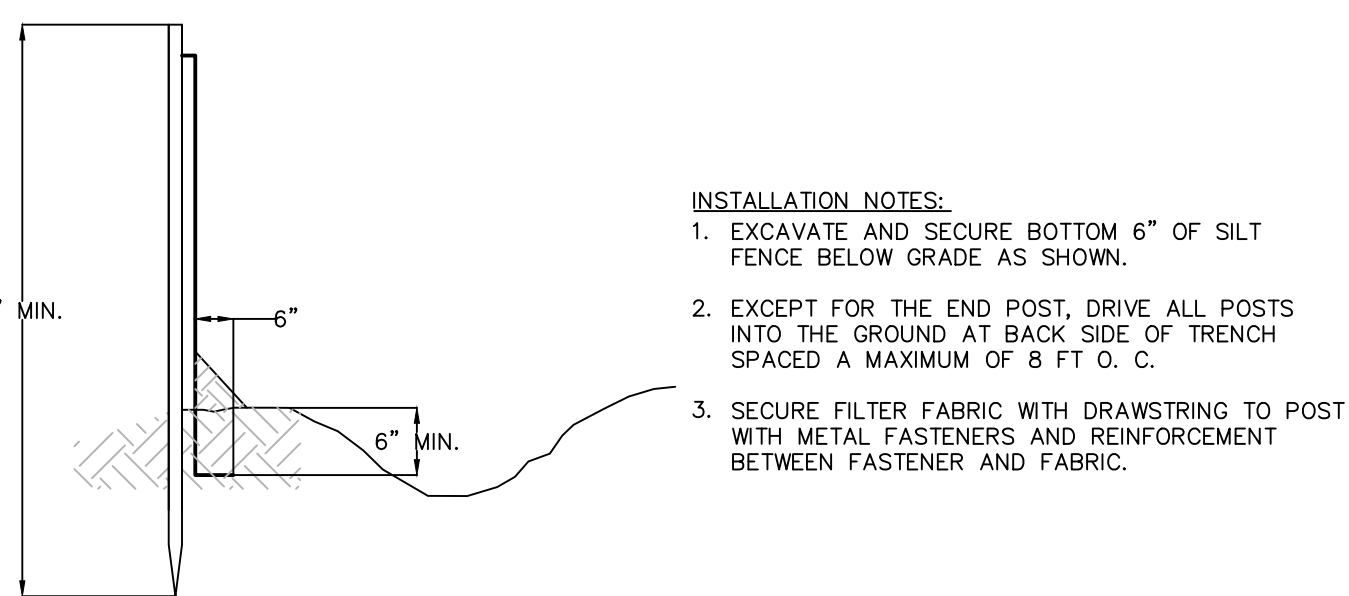
ALTERNATE SECTION
USE WHERE MORE THAN ONE ACCESSIBLE SIDE IS NEEDED



PLAN

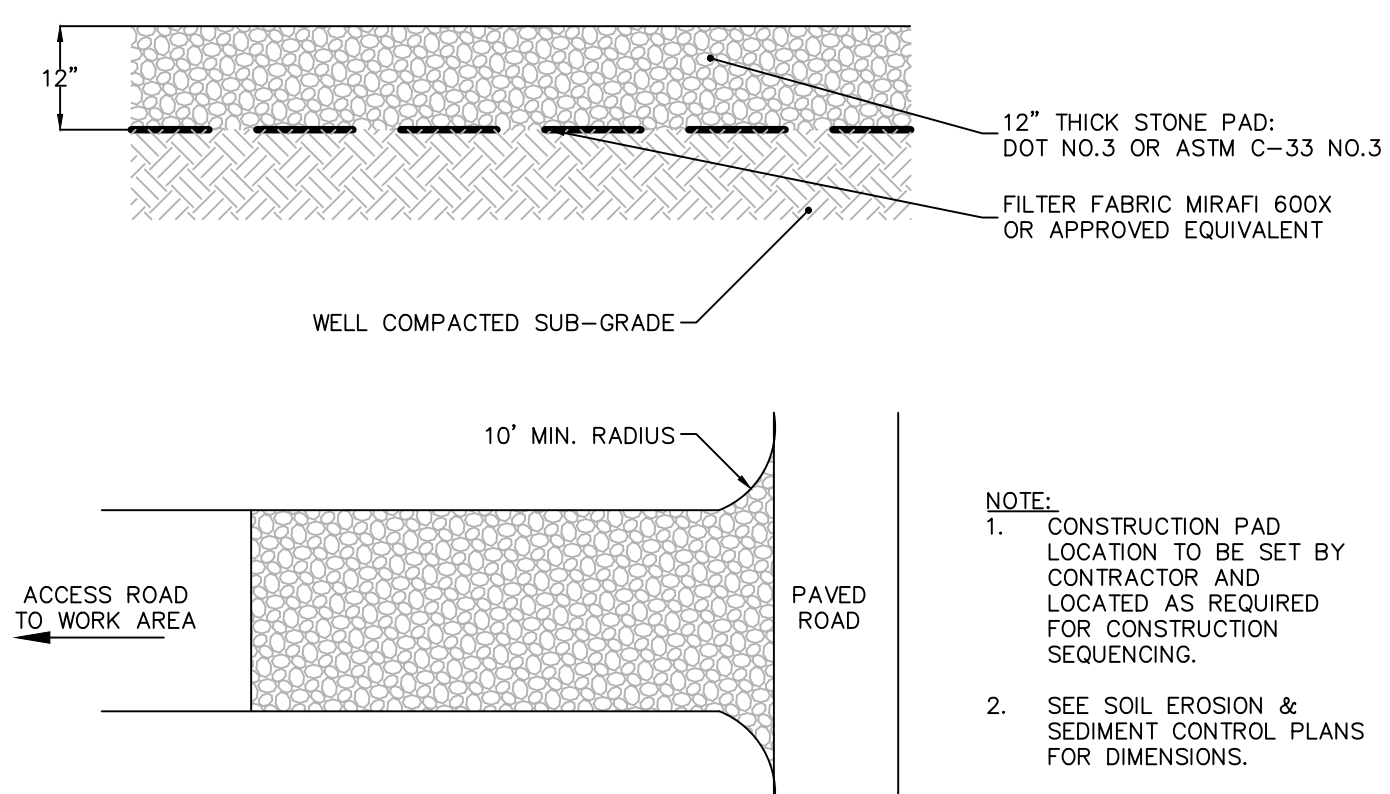
- NOTES:**
1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE.
 2. WASH AND STORMWATER.
 3. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
 4. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12".
 5. FACILITY SHALL NOT BE FILLED BEYOND 95% CAPACITY UNLESS A NEW FACILITY IS CONSTRUCTED.
 6. SAW CUT PORTLAND CEMENT CONCRETE, RESIDUE FROM SAWCUT & GRINDING TO BE DISPOSED OF IN THE PIT.
 7. CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, & SURFACE WATERS.
 8. MANUFACTURING CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN 95% FULL CAPACITY.

WASHOUT SIGN



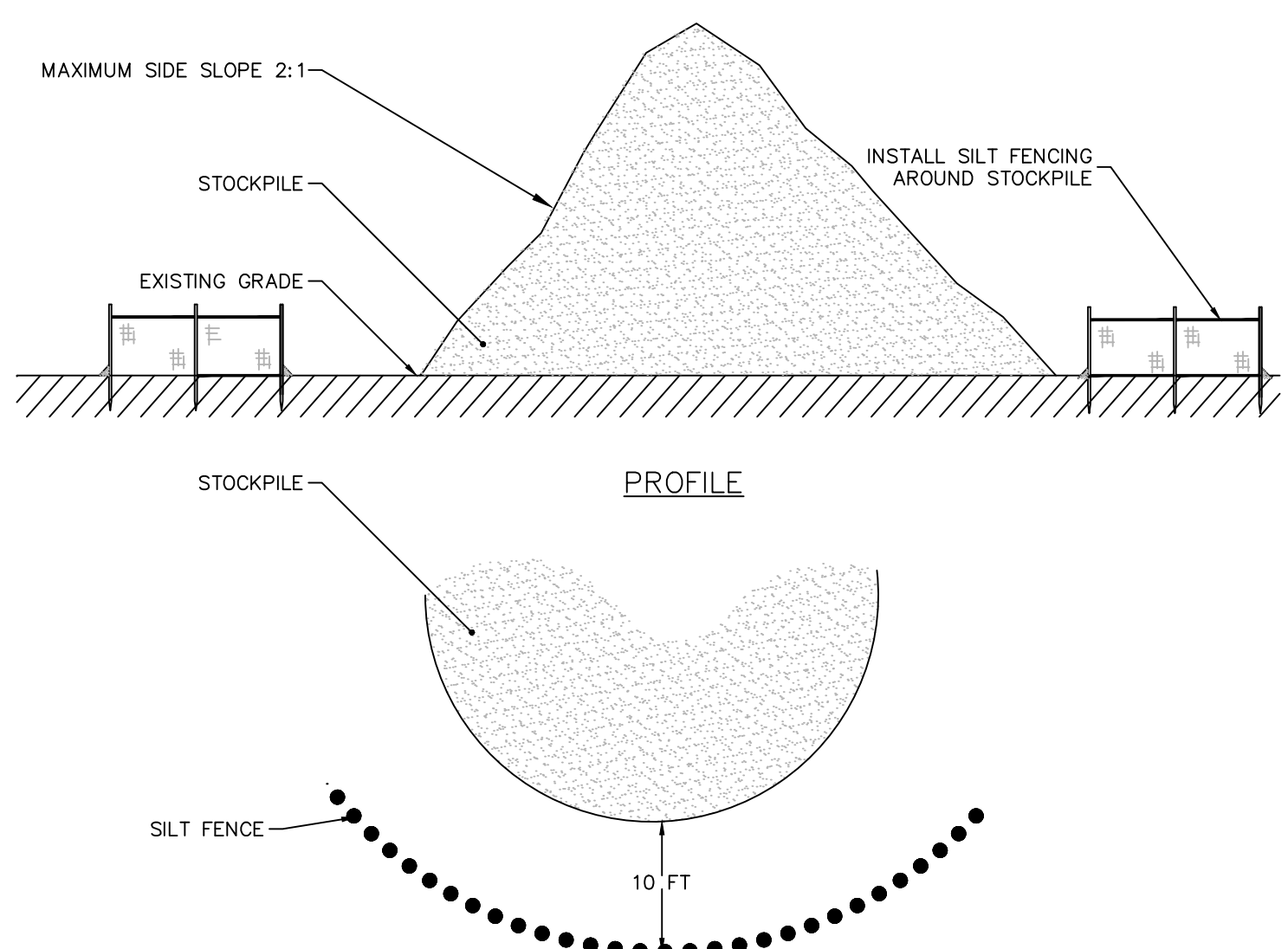
SILT FENCE

N.T.S.



CONSTRUCTION ENTRANCE / ANTI-TRACK PAD

N.T.S.

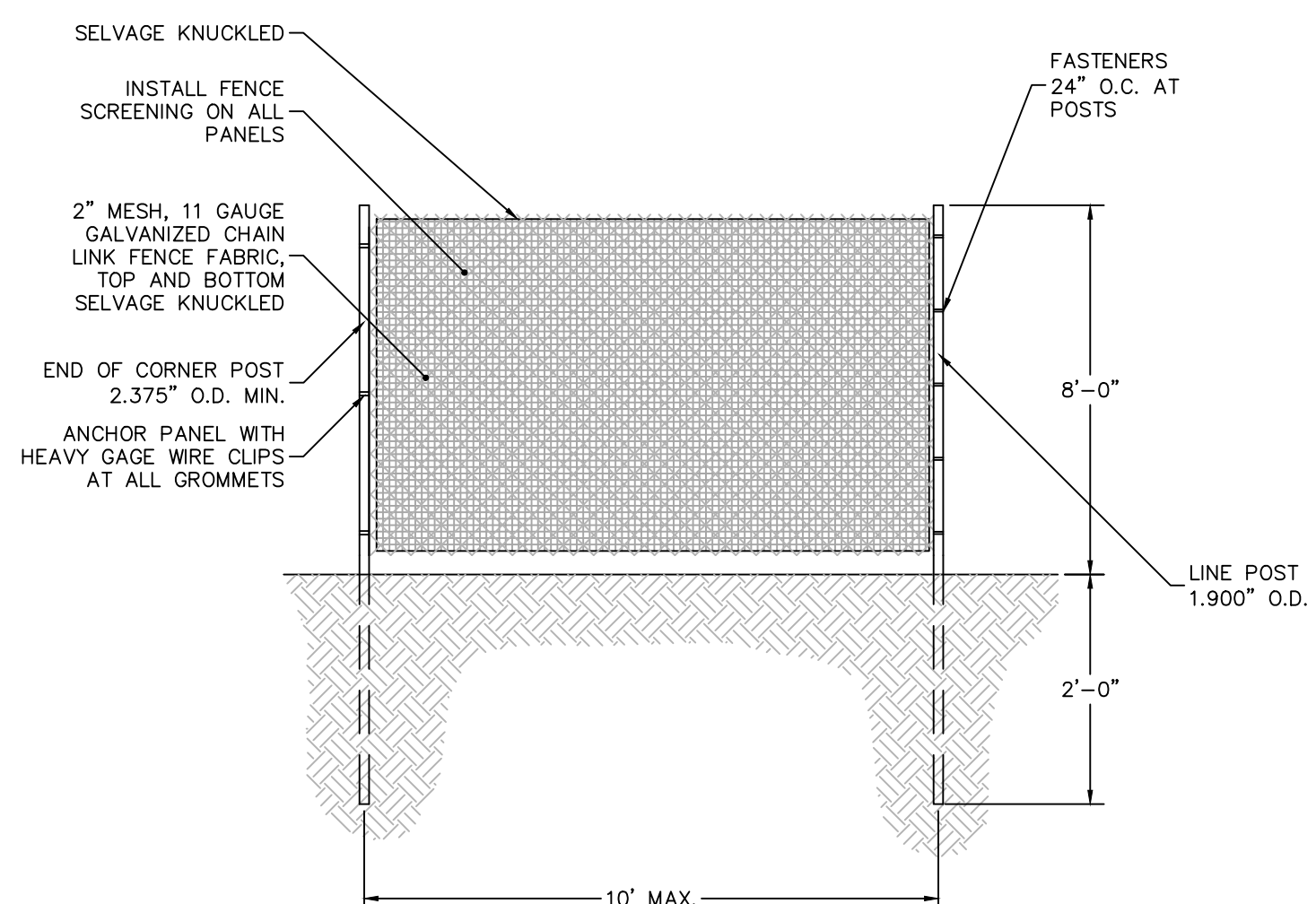


PROFILE

- NOTES:**
1. SEE SOIL EROSION & SEDIMENT CONTROL PLAN FOR LOCATION OF SILT FENCE BARRIER.
 2. SIDE SLOPES SHALL BE SEEDING OR STABILIZED WITH EROSION CONTROL MATS IF NOT DISTURBED FOR THIRTY DAYS.

TEMPORARY SOIL STOCKPILE

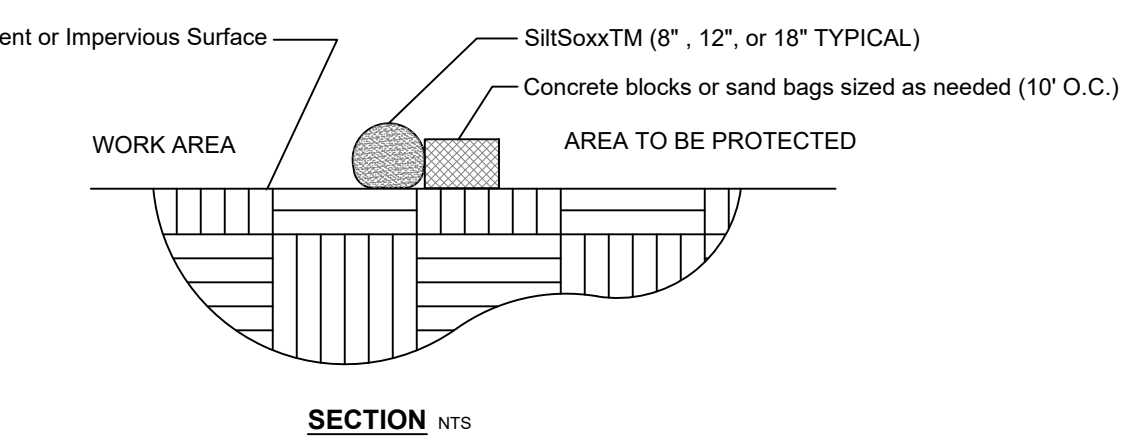
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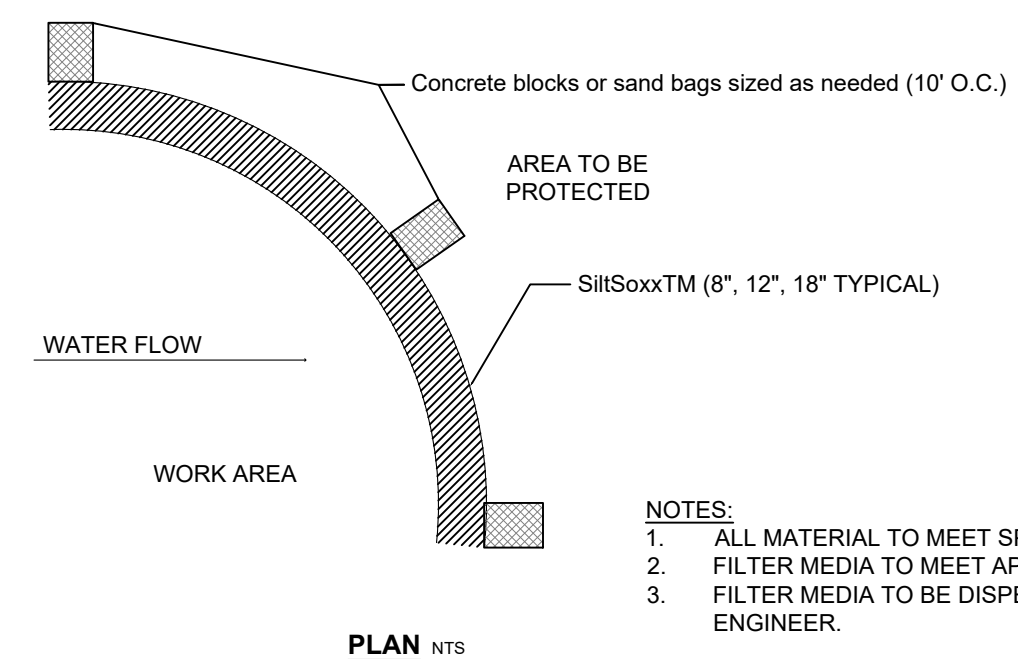
- NOTES:**
1. PIPE POSTS SHALL BE IMBEDDED INTO THE GROUND. PEDESTAL MOUNTED FENCING WILL ONLY BE ALLOWED AT AREAS APPROVED BY THE PROJECT MANAGER. WHEN ALLOWED, PROVIDE CONCRETE OR GALVANIZED-STEEL BASES FOR SUPPORTING POSTS. PROVIDE BLUE REINFORCED SCRIM SHEETING ON ALL FENCING.

TEMPORARY CONSTRUCTION FENCE

N.T.S.



SECTION



PLAN


- NOTES:**
1. ALL MATERIAL TO MEET SPECIFICATIONS.
 2. FILTER MEDIA TO MEET APPLICATION REQUIREMENTS.
 3. FILTER MEDIA TO BE DISPENSED ON SITE, AS DETERMINED BY ENGINEER.

SiltSoxxTM for Sediment Control on Pavement

N.T.S.

COMPOST FILTER TUBE

N.T.S.

| Date | Description | No. |
|---|-------------|------|
| Revisions | | |
|  | | |
| Signature | | Date |

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Project

BLUEPRINT ROBOTICS

11 GOODWIN DRIVE WINDSOR CONNECTICUT

Drawing Title

SOIL EROSION & SEDIMENT CONTROL DETAILS I

Project No.

140258101

Date

03/28/2023

Drawn By

JMGM

Checked By

DTG

Drawing No.

CE501

Date

03/28/2023

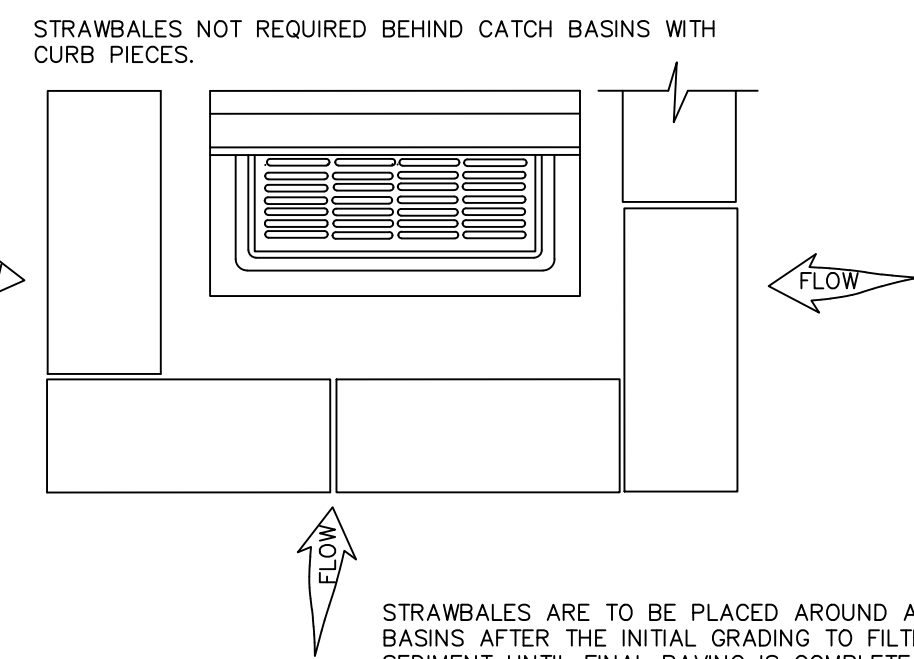
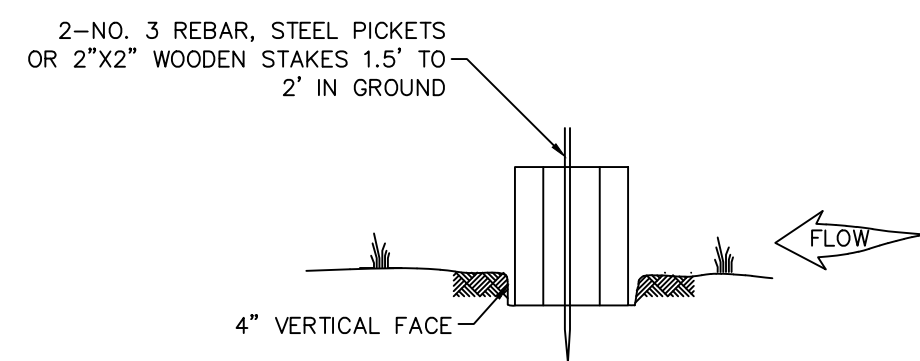
Drawn By

JMGM

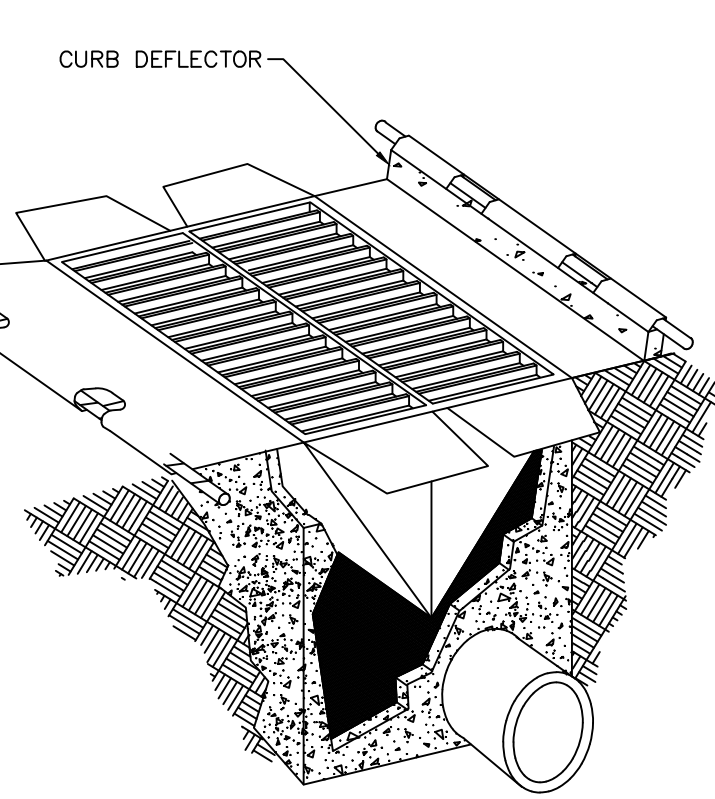
Checked By

DTG

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STRAWBALES ARE TO BE PLACED AROUND ALL CATCH BASINS AFTER THE INITIAL GRADING TO FILTER AND DIVERT SEDIMENT UNTIL FINAL PAVING IS COMPLETE.



SECURE "SILTSACK" FILTER (OR EQUIVALENT) TO GRATE.

"SILTSACK" DISTRIBUTOR: ACS ENVIRONMENTAL 800-644-9223

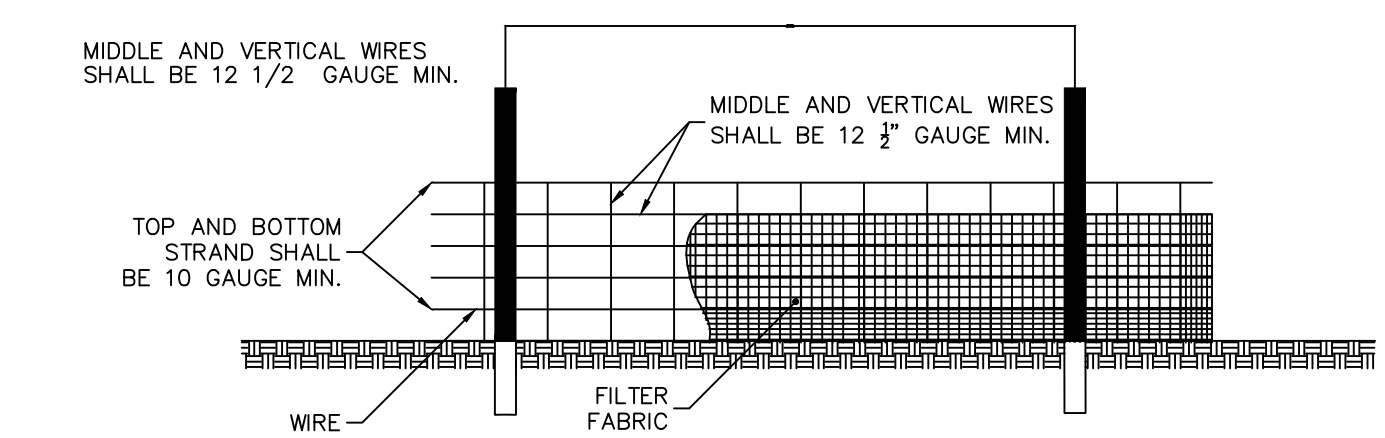
TYPE B - CURB INLET

- NOTES:
- CONTRACTOR IS TO CLEAN INLET FILTER WHEN RESTRAINT CORD IS NO LONGER VISIBLE AS PER MANUFACTURER'S SPECIFICATIONS.
 - CONTRACTOR TO REMOVE FILTER JUST PRIOR TO PAVING.

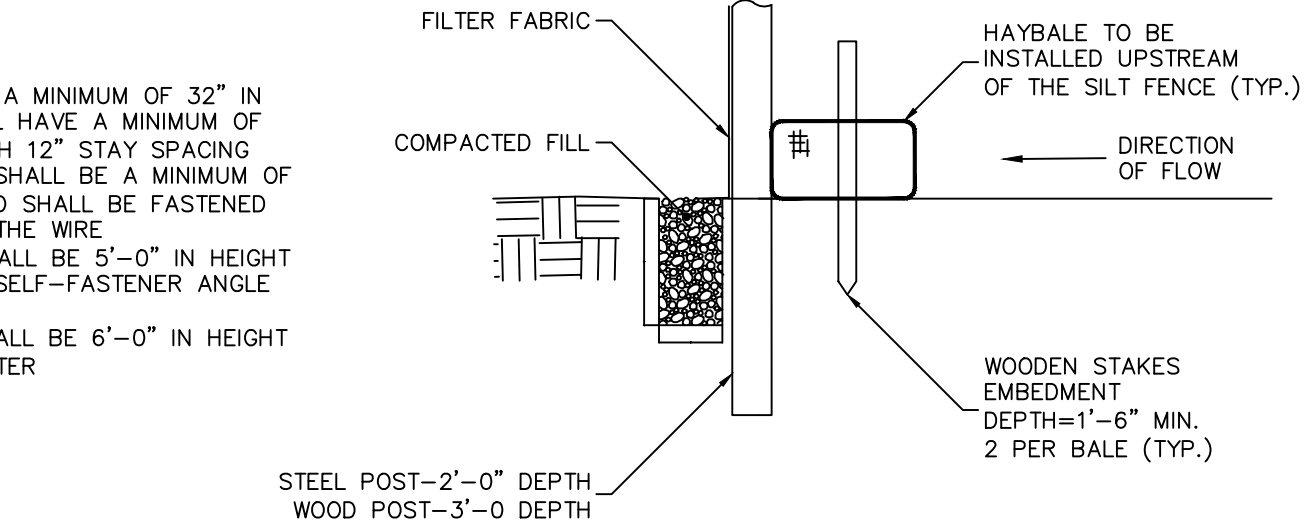
1

INLET PROTECTION

N.T.S.



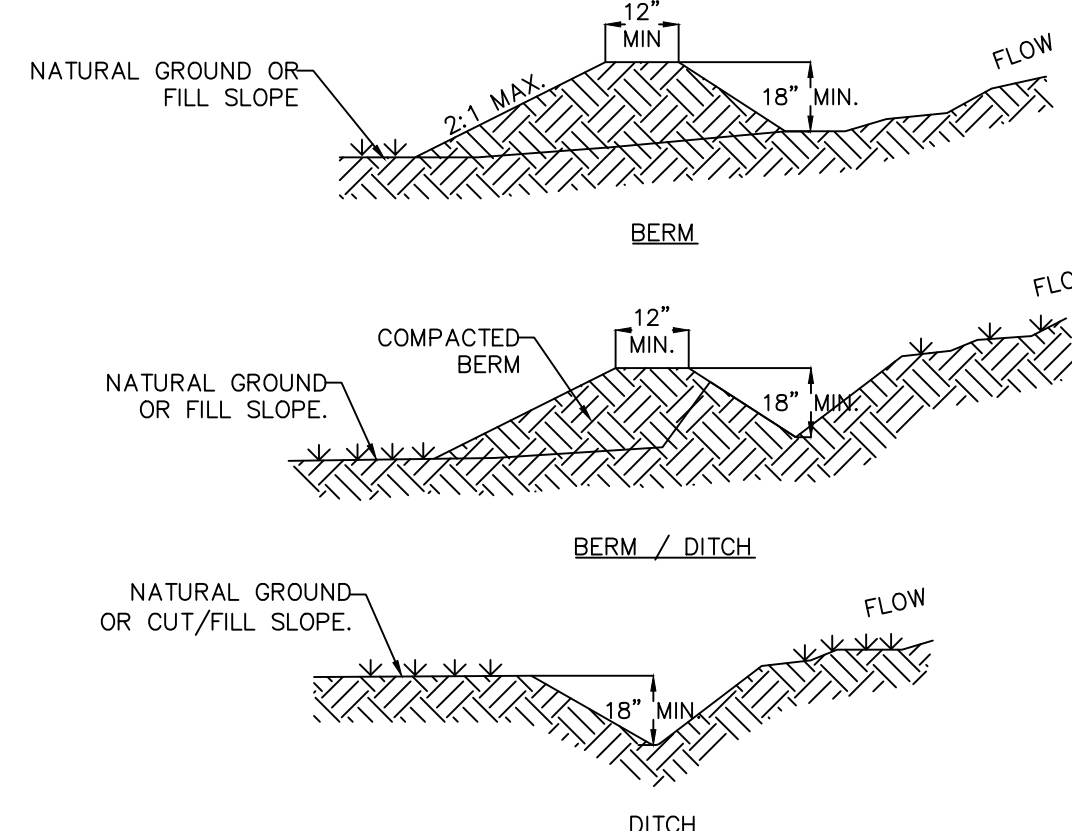
- NOTES:
- WIRE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING
 - FILTER FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED ADEQUATELY TO THE WIRE
 - STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE
 - WOOD POST SHALL BE 6'-0" IN HEIGHT AND 3" IN DIAMETER



2

SILT FENCE BACKED BY HAYBALE

N.T.S.

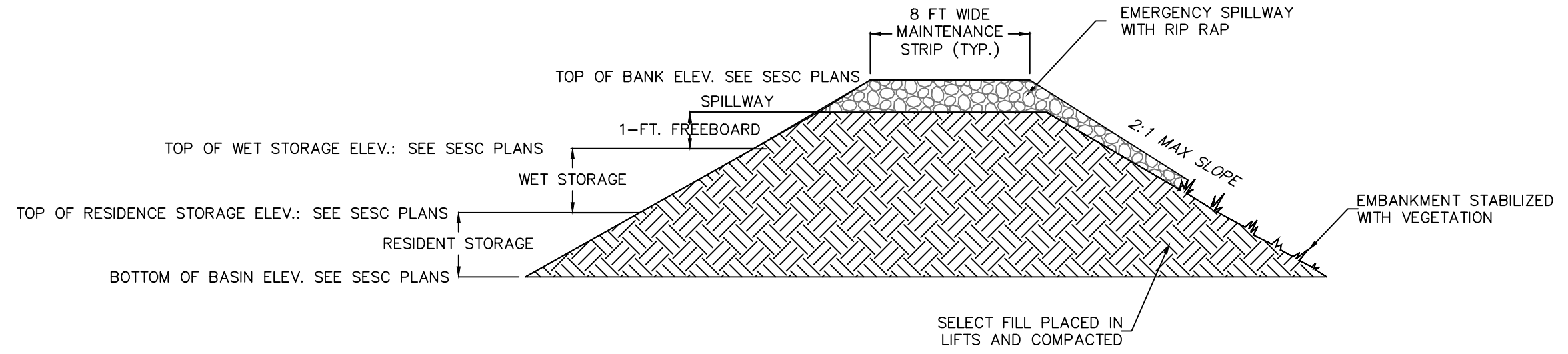


- NOTES:
- POSITIVE GRADE MUST BE PROVIDED TO ASSURE DRAINAGE. 2:1 MAX. SIDE SLOPE. IF SLOPE EXCEEDS 2% OR CHANNEL IS CONSTRUCTED IN FILL, PROVIDE CHANNEL LINER PER DETAIL, EC 5, TRY NOT TO EXCEED 5% (HIGH RUNOFF VELOCITIES RESULT). MAXIMUM DRAINAGE AREA IS 5.00 ACRES WITHOUT SUPPORTING CALCULATIONS FOR PERMANENT CHANNEL. DIVERSIONS AT THE TOPS OF SLOPES MUST EMPTY INTO AN APPROVED SLOPE DRAIN (SEE DETAILS). THE BERM/DITCH IS THE MOST COMMONLY USED DIVERSION.
 - MACHINE COMPACTING OF ALL FILL IS REQUIRED.
 - DIVERSIONS SUFFICIENT TO DIRECT ALL SEDIMENT-LADEN STORMWATER INTO SEDIMENT CONTROL DEVICE MUST BE INSTALLED PRIOR TO CLEARING AND GRUBBING OF AREA (OR IN CONJUNCTION WITH THIS OPERATION IF SEDIMENT CONTROLS AND DIVERSIONS ARE INSTALLED AT EACH CRITICAL POINT AS INDICATED).
 - DIVERSIONS SHOULD BE LOCATED AS SHOWN ON THE PLANS AND TO MINIMIZE DAMAGES BY CONSTRUCTION OPERATIONS.
 - DIVERSIONS SHOULD BE SEEDED AND LINED WITH STRAW MAT IF THEY ARE TO REMAIN IN PLACE OVER 14 DAYS.
 - CHECK DIVERSIONS AFTER EACH RAIN, AND ONCE PER SEVEN CALENDAR DAYS OR MORE FREQUENTLY IF REQUIRED BY REGULATORY AGENCY. REPAIR AS NEEDED TO MAINTAIN FUNCTION.

3

TEMPORARY DIVERSION BERM/DITCH

N.T.S.

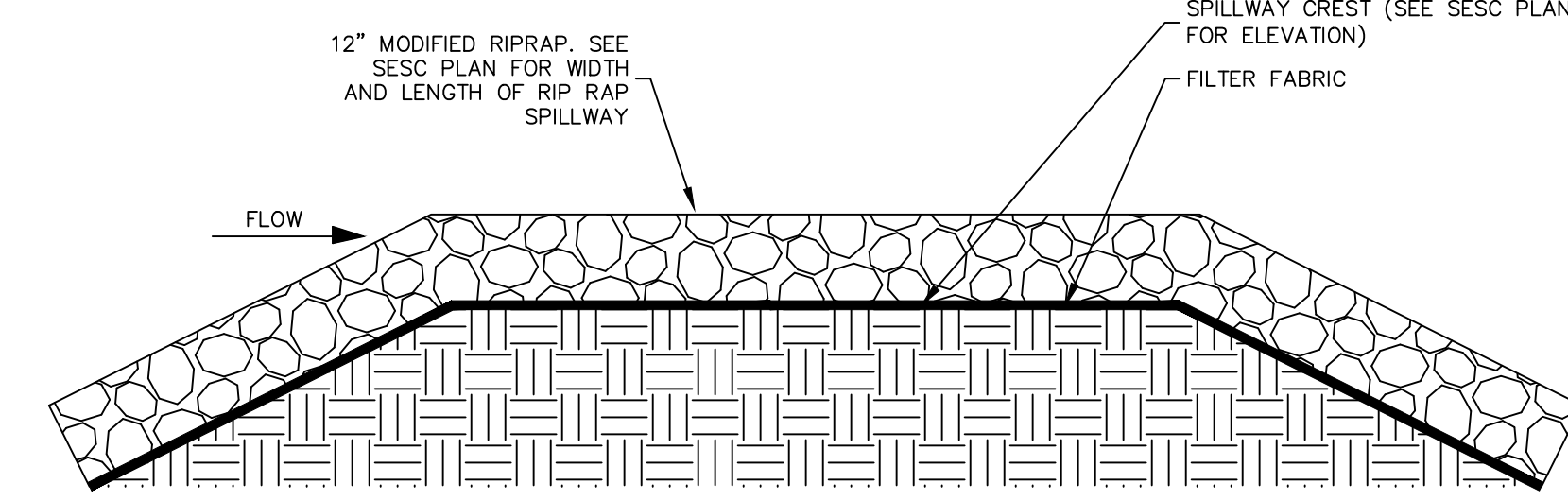


- NOTES:
- BASIN DEWATERING MUST OCCUR WITHIN 24 TO 72 HOURS.
 - EMERGENCY SPILLWAY TO BE STABILIZED WITH RIP RAP (IF APPLICABLE)

4

TEMPORARY SEDIMENT BASIN DETAIL

N.T.S.

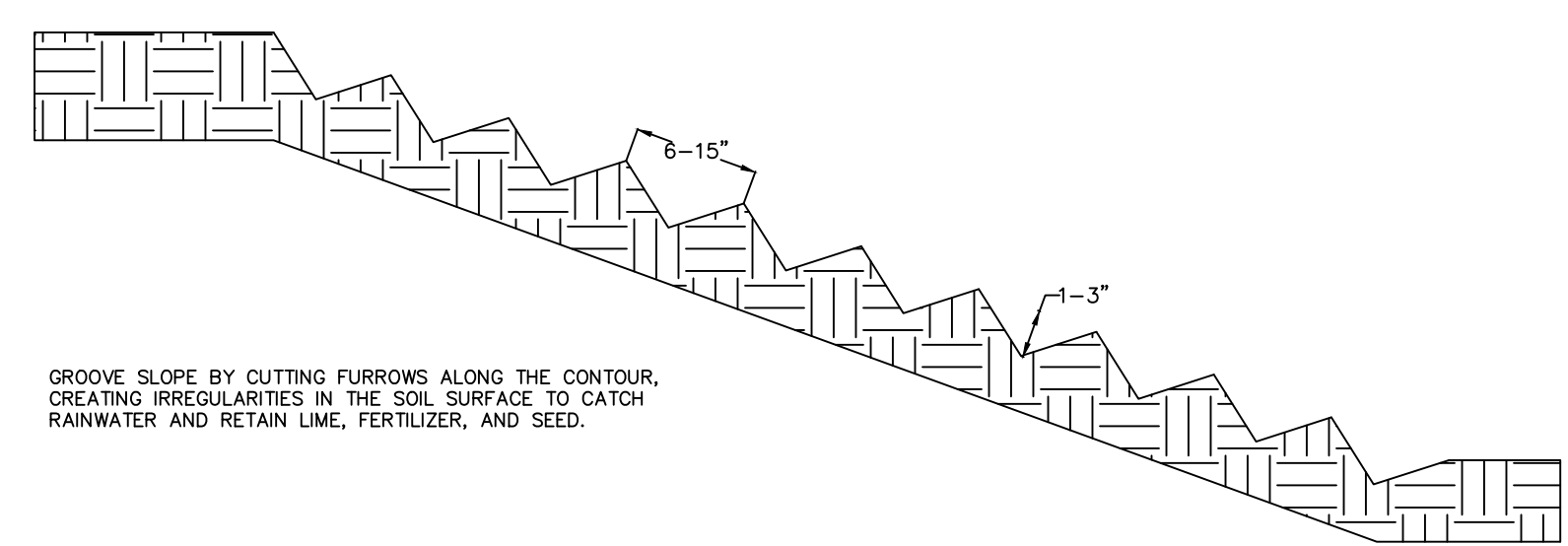


- NOTE:
- RIP-RAP SHALL HAVE D₅₀ OR 6 INCHES.

5

RIP-RAP SPILLWAY

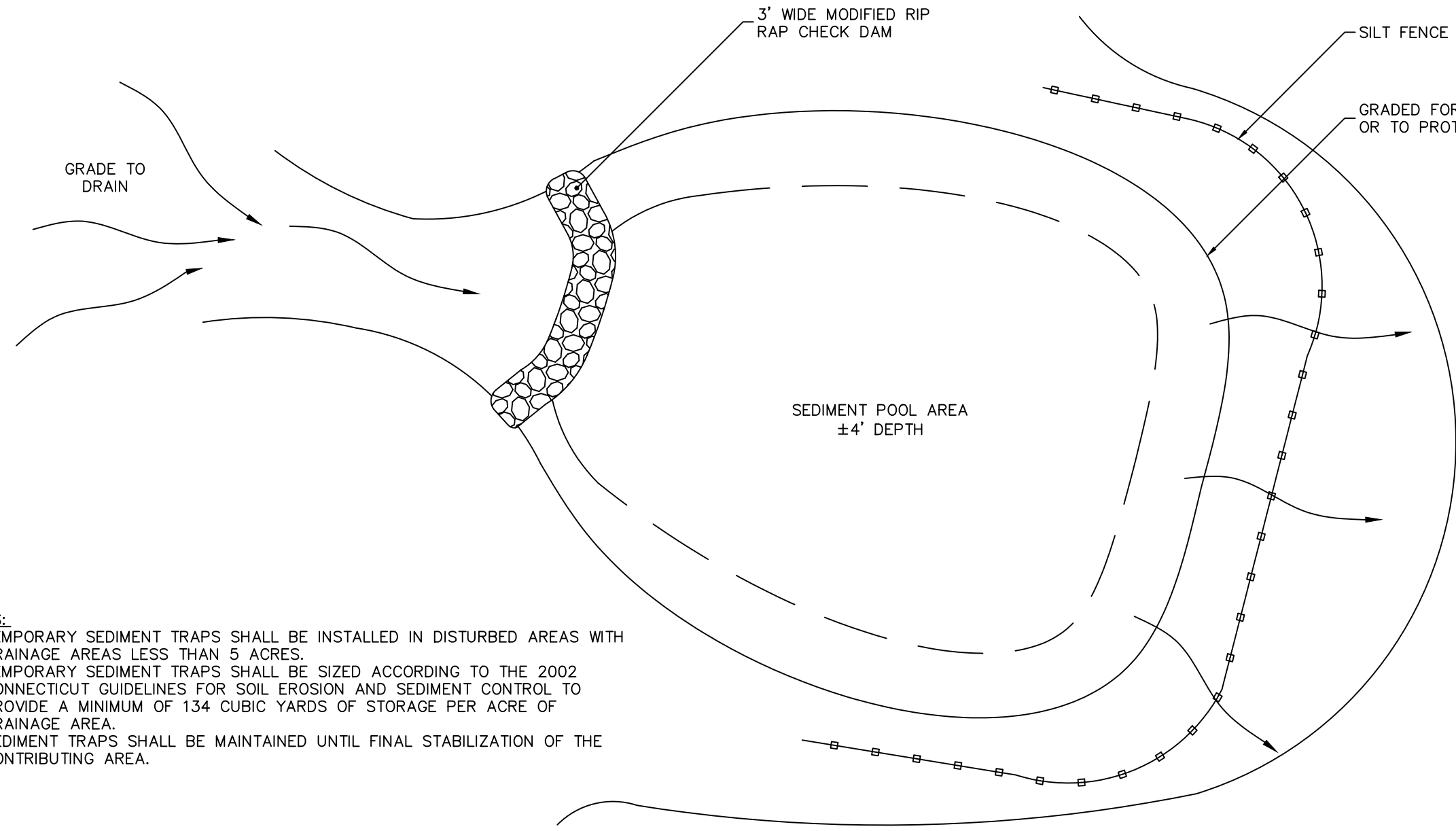
N.T.S.



6

SURFACE ROUGHENING

N.T.S.

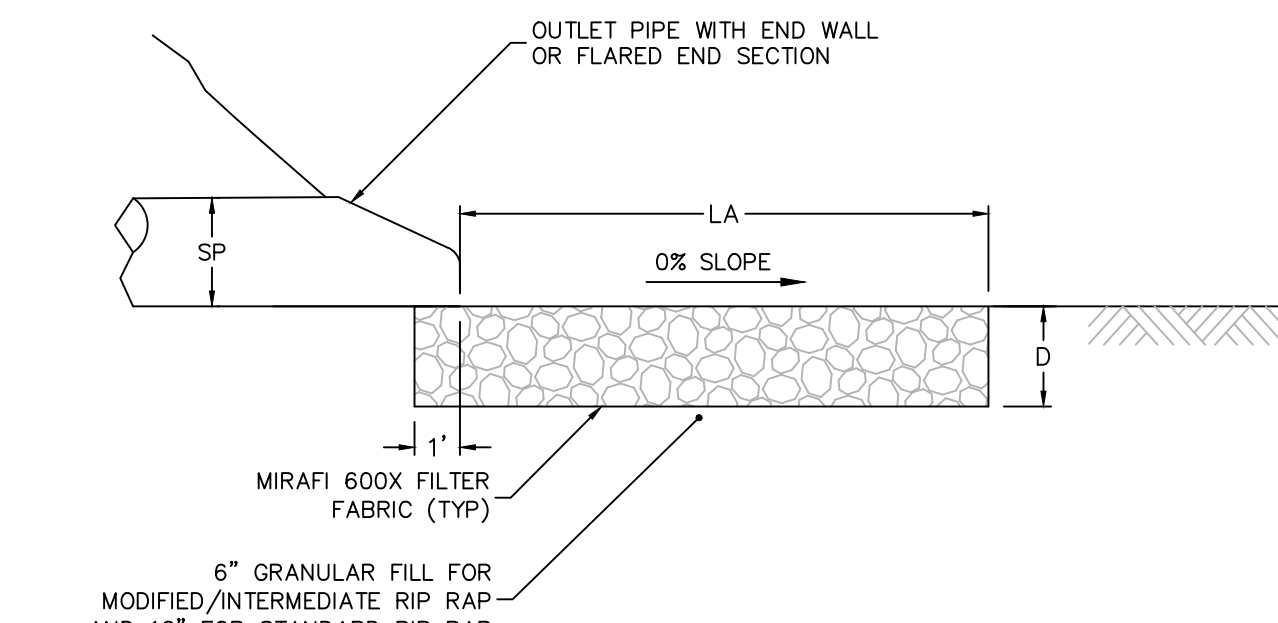
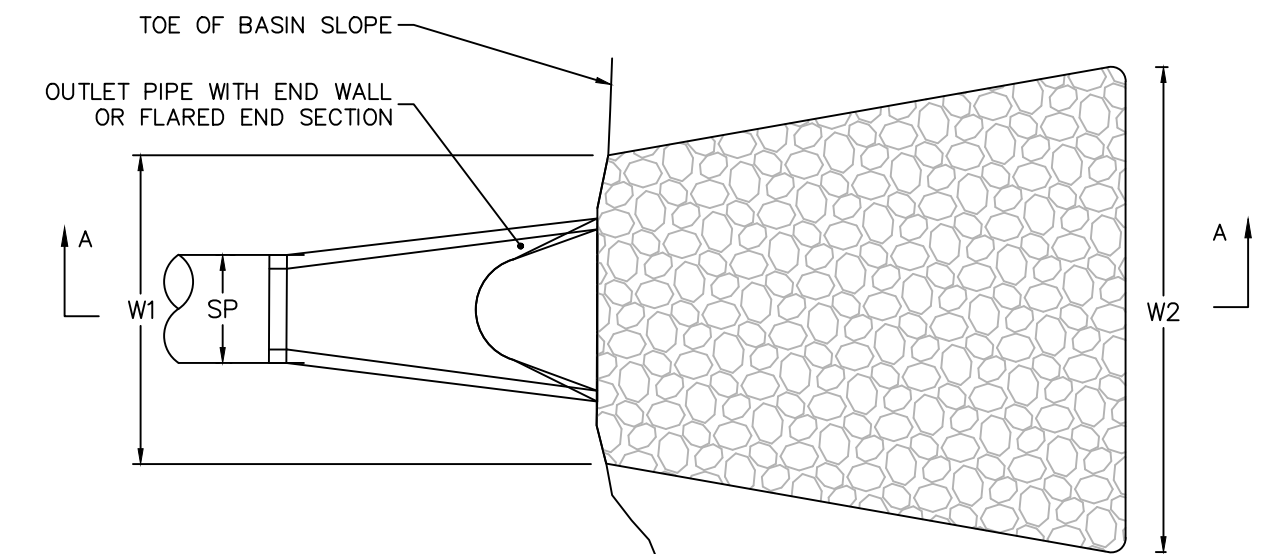


- NOTES:
- TEMPORARY SEDIMENT TRAPS SHALL BE INSTALLED IN DISTURBED AREAS WITH DRAINAGE AREAS LESS THAN 5 ACRES.
 - TEMPORARY SEDIMENT TRAPS SHALL BE SIZED ACCORDING TO THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL TO PROVIDE A MINIMUM OF 134 CUBIC YARDS OF STORAGE PER ACRE OF DRAINAGE AREA.
 - SEDIMENT TRAPS SHALL BE MAINTAINED UNTIL FINAL STABILIZATION OF THE CONTRIBUTING AREA.

7

TEMPORARY SEDIMENTATION TRAP

N.T.S.




8

RIP-RAP APRON

N.T.S.

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| Date | Description | No. |
|---|-------------|------|
| Revisions | | |
|  | | |
| Signature | | Date |

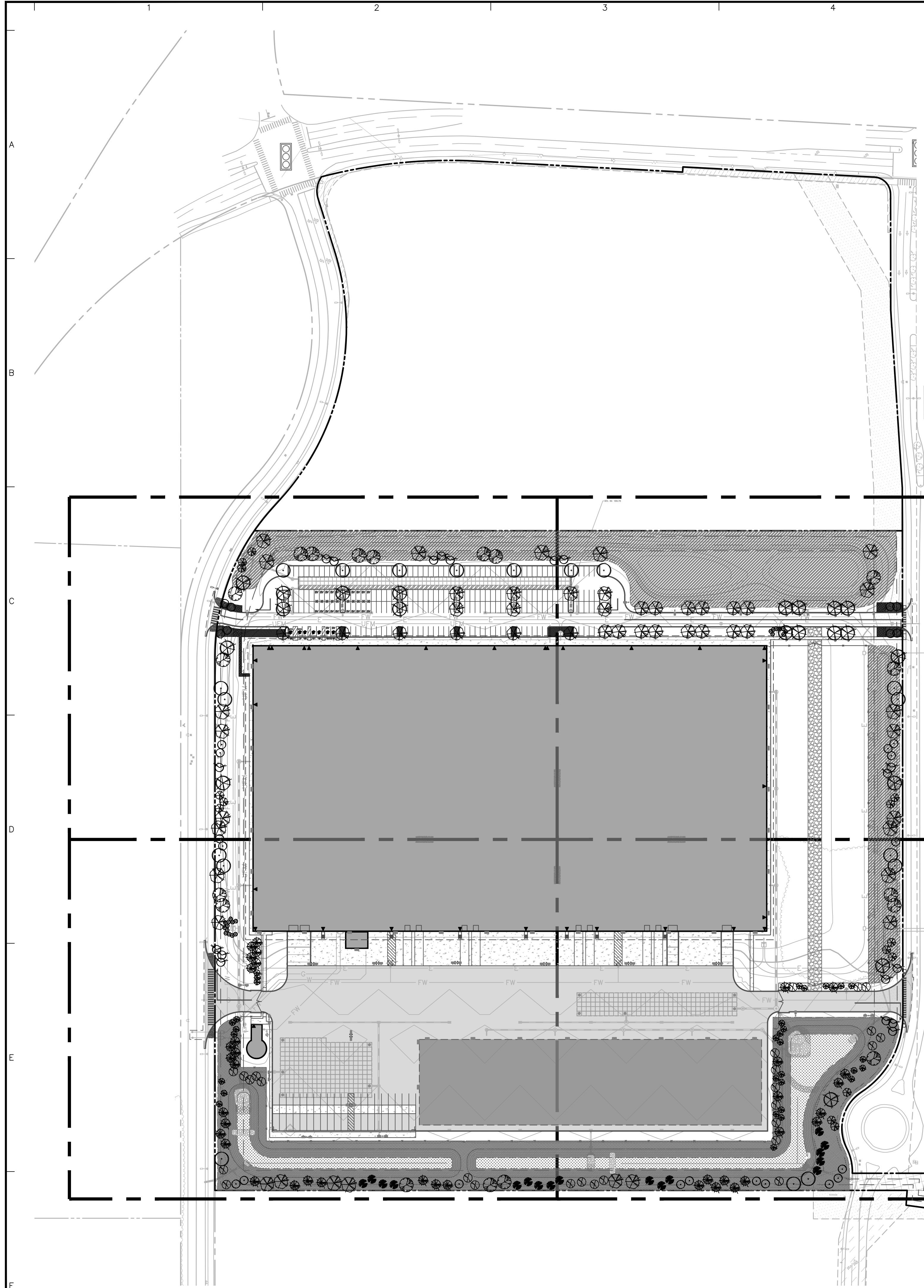
LANGAN
 Langan Engineering and Environmental Services, Inc.
 555 Long Wharf Drive
 New Haven, CT 06511
 T: 203.562.5771 F: 203.789.6142 www.langan.com

BLUEPRINT ROBOTICS

11 GOODWIN DRIVE
 WINDSOR CONNECTICUT
 Drawing Title

SOIL EROSION & SEDIMENT CONTROL DETAILS II

| | |
|-------------|--------------|
| Project No. | Drawing No. |
| 140258101 | CE502 |
| Date | |
| 03/28/2023 | |
| Drawn By | |
| JMGM | Checked By |
| DTG | |



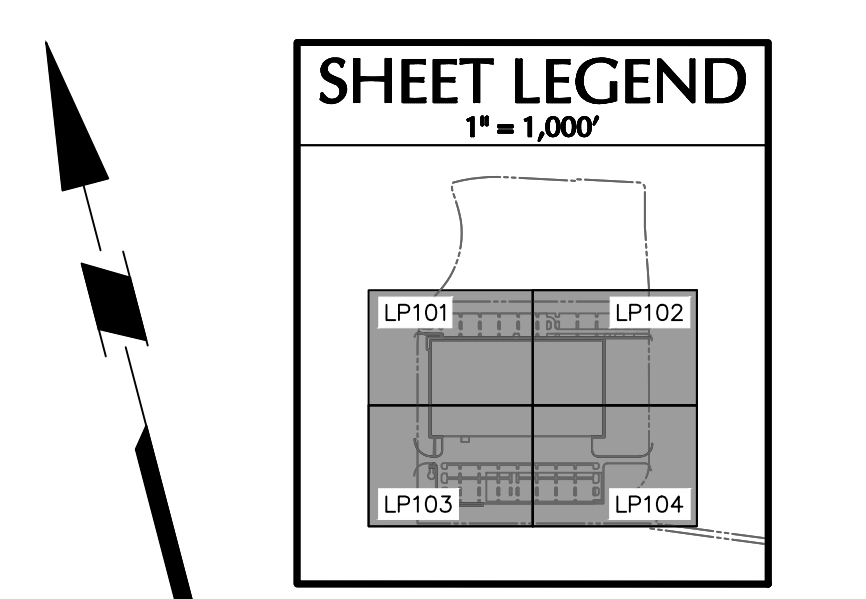
PLANT SCHEDULE

| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE | ROOT | REMARKS |
|-----------------------------|------|--|-------------------------|---------------|-----------|---------|
| SHADE TREE(S) | | | | | | |
| AORG | 20 | ACER RUBRUM 'OCTOBER GLORY' | OCTOBER GLORY RED MAPLE | 3" CAL. | B+B | - |
| AS | 18 | ACER SACCHARUM | SUGAR MAPLE | 3" CAL. | B+B | - |
| GTIS | 20 | GLEDITSIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER' | SHADEMASTER HONEYLOCUST | 3" CAL. | B+B | - |
| PLO | 7 | PLATANUS OCCIDENTALIS | AMERICAN SYCAMORE | 3" CAL. | B+B | - |
| QP | 16 | QUERCUS PALUSTRIS | PIN OAK | 3" CAL. | B+B | - |
| QR | 11 | QUERCUS RUBRA | RED OAK | 3" CAL. | B+B | - |
| TA | 16 | TILIA AMERICANA | BASSWOOD | 3" CAL. | B+B | - |
| ORNAMENTAL TREE(S) | | | | | | |
| BN | 26 | BETULA NIGRA | MULTI STEM RIVER BIRCH | 12-14' | B+B | - |
| CC | 18 | CERCIS CANADENSIS | EASTERN REDBUD | 2-2 1/2" CAL. | B+B | - |
| CV | 14 | CHIONANTHUS VIRGINICUS | WHITE FRINGETREE | 2-2 1/2" CAL. | B+B | - |
| EVERGREEN TREE(S) | | | | | | |
| IO | 26 | ILEX OPACA | AMERICAN HOLLY | 6-7' | B+B | - |
| JV | 31 | JUNIPERUS VIRGINIANA | EASTERN RED CEDAR | 6-7' | B+B | - |
| PGL | 17 | PICEA GLAUCA | WHITE SPRUCE | 6-7' | B+B | - |
| PS | 37 | PINUS STROBUS | EASTERN WHITE PINE | 6-7' | B+B | - |
| ORNAMENTAL GRASS(ES) | | | | | | |
| MP | 20 | MYRICA PENNSYLVANICA | NORTHERN BAYBERRY | 30-36" | CONTAINER | - |
| ORNAMENTAL GRASS(ES) | | | | | | |
| CSA | 869 | CAREX STRICTA | TUSSOCK SEDGE | 2 GAL. | CONTAINER | - |
| PVS | 323 | PANICUM VIRGATUM 'SHENANDOAH' | SHENANDOAH SWITCH GRASS | 2 GAL. | CONTAINER | - |
| SH | 769 | SPOROBOLUS HETEROLEPIS | PRAIRIE DROPSSEED | 2 GAL. | CONTAINER | - |

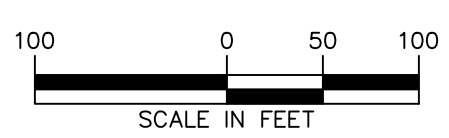
NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.

ORDINANCE COMPLIANCE CHART

| ORDINANCE SECTION | REQUIRED / PERMITTED | PROVIDED / PROPOSED | COMPLIANCE |
|-------------------|--|---|--|
| 3.1.1.A(1) | FOR SITES WHERE THIS IS NOT A SUFFICIENT NUMBER OF MATURE TREES IN EXISTENCE OR THAT WILL REMAIN ON THE SITE DUE TO CONSTRUCTION, THERE SHALL BE A MINIMUM OF ONE MAJOR TREE AND TWO BUSHES OR SHRUBS PLANTED FOR EVERY 25 FEET OF PROPERTY. | TOTAL PROPERTY LINE WITHOUT A SUFFICIENT NUMBER OF MATURE TREES = ±3,267 LF 3,267/25 = 130.68 = 131 - 131 MAJOR TREES REQUIRED - 144 MAJOR TREES PROPOSED 131x2 = 262 - 262 SHRUBS REQUIRED - 1,153 SHRUBS PROPOSED | COMPLIES |
| 3.1.1.E | IN ORDER TO HELP ENSURE THE SURVIVAL OF REQUIRED LANDSCAPING, AN UNDERGROUND IRRIGATION SYSTEM SHALL BE INSTALLED IN LANDSCAPED AREAS PRIMARILY VISIBLE FROM THE STREET FOR DEVELOPMENTS GREATER THAN ONE ACRE INVOLVING A NEW BUILDING OR ADDITION THAT MORE THAN DOUBLES THE EXISTING FLOOR AREA. THE COMMISSION MAY WAIVE THIS REQUIREMENT DURING ITS REVIEW OF A SITE PLAN APPLICATION IF IT FINDS THE COMPOSITION, DRAINAGE CHARACTERISTICS, AND/OR PLANT SPECIES DO NOT REQUIRE IRRIGATION TO SURVIVE. | ALL AREAS HIGHLY VISIBLE FROM PUBLIC RIGHTS-OF-WAY ARE PROPOSED TO BE IRRIGATED | COMPLIES; FINAL IRRIGATION LIMITS TO BE COORDINATED WITH TOWN OF WINDSOR |
| 3.1.2.C(4)(A) | IN PARKING LOTS OF 30 OR MORE PARKING SPACES...ONE MAJOR TREE AND ONE SHRUB SHALL BE PROVIDED FOR EVERY TEN SPACES. | TOTAL PARKING SPACES IN PROPOSED CONSTRUCTED CONDITION = 215 215/10 = 21.5 - 22 TREES REQUIRED - 26 TREES PROPOSED 200/10 = 20 - 22 SHRUBS REQUIRED - 428 SHRUBS PROPOSED | COMPLIES |

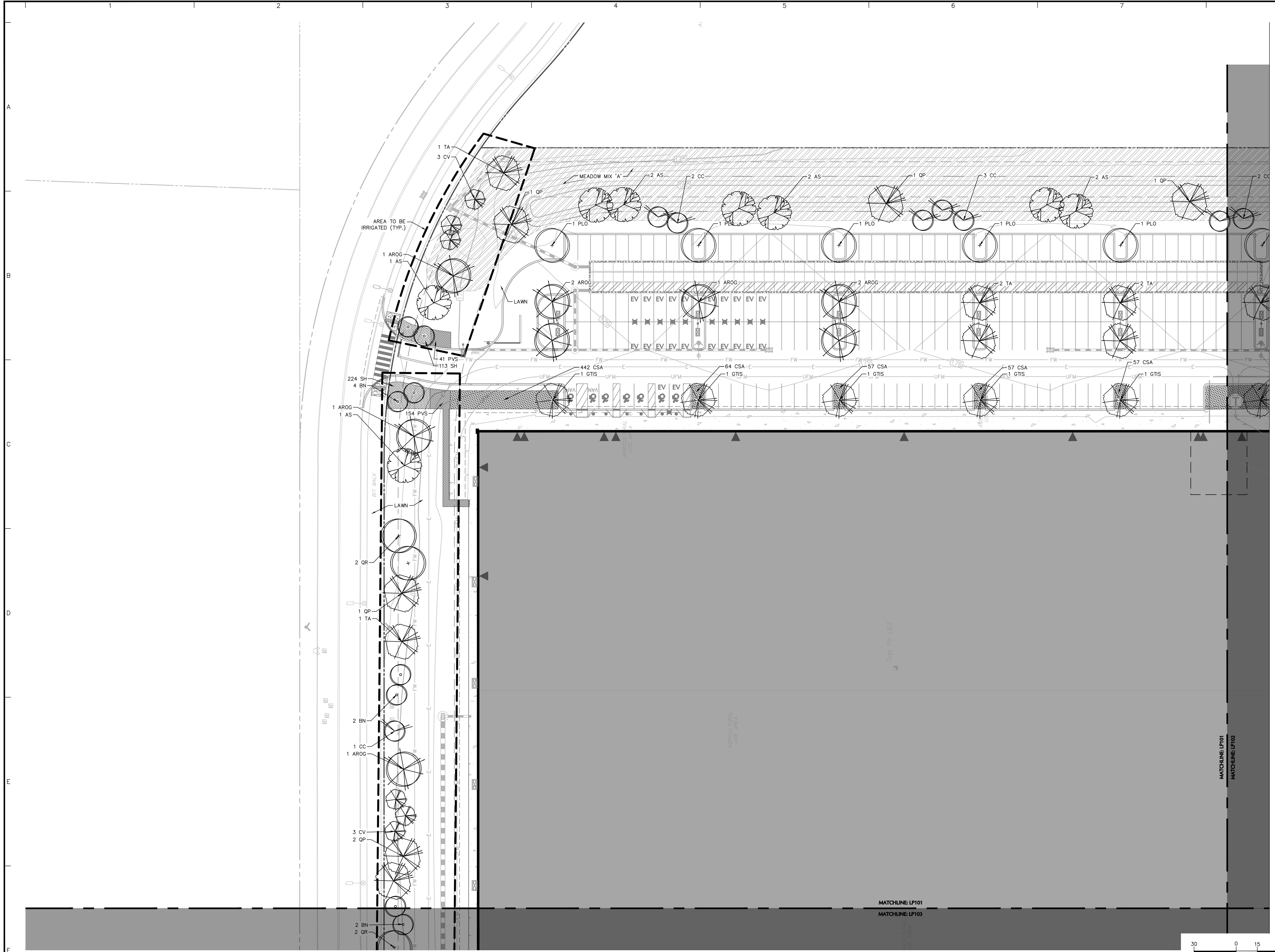
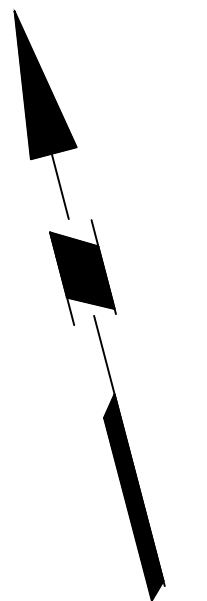
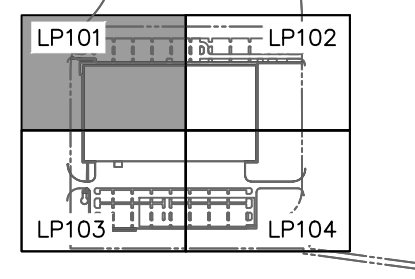


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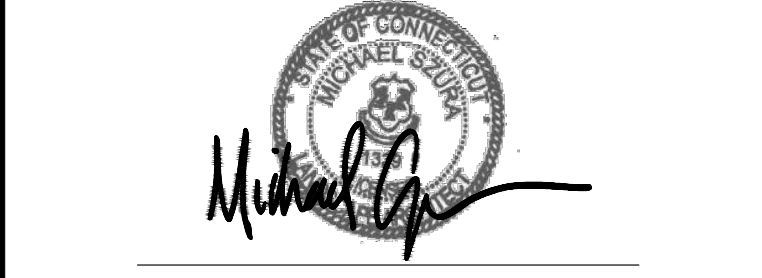
| Date | Description | No. |
|---|-------------|-----|
| Revisions | | |
| | | |
| LANGAN Langan Engineering and Environmental Services, Inc. 555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142 www.langan.com | | |
| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| OVERALL PLANTING PLAN | | |
| Project No. | Drawing No. | |
| 140258101 | LP100 | |
| Date | 01/20/2023 | |
| Drawn By | ML | |
| Checked By | JA | |

SHEET LEGEND
1" = 1,000'



| Date | Description | No. |
|------|-------------|-----|
|------|-------------|-----|

Revisions



MICHAEL SZURA
LICENSED LANDSCAPE ARCHITECT
STATE LIC. NO. 1339

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Environmental Services, Inc.
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Project

BLUEPRINT ROBOTICS

11 GOODWIN DRIVE
WINDSOR CONNECTICUT

Drawing Title

PLANTING PLAN I

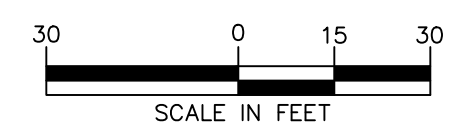
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140258101

Date
01/20/2023

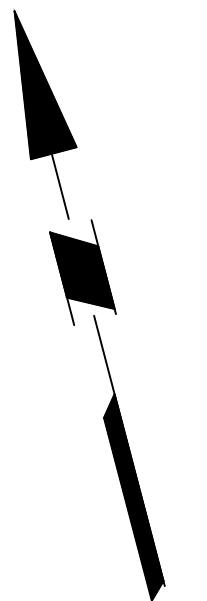
Drawn By
ML

Checked By
JA

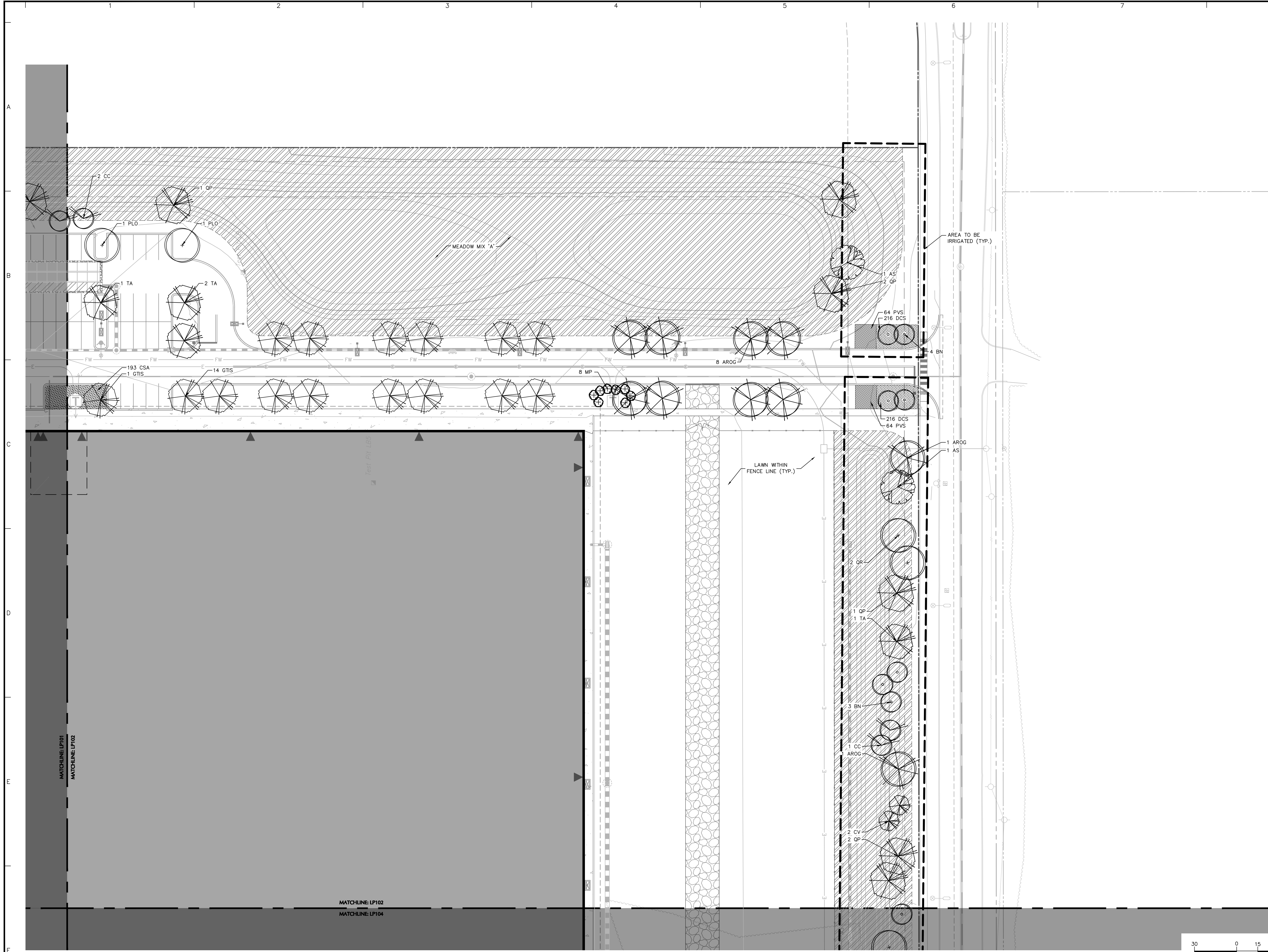
Drawing No.
LP101



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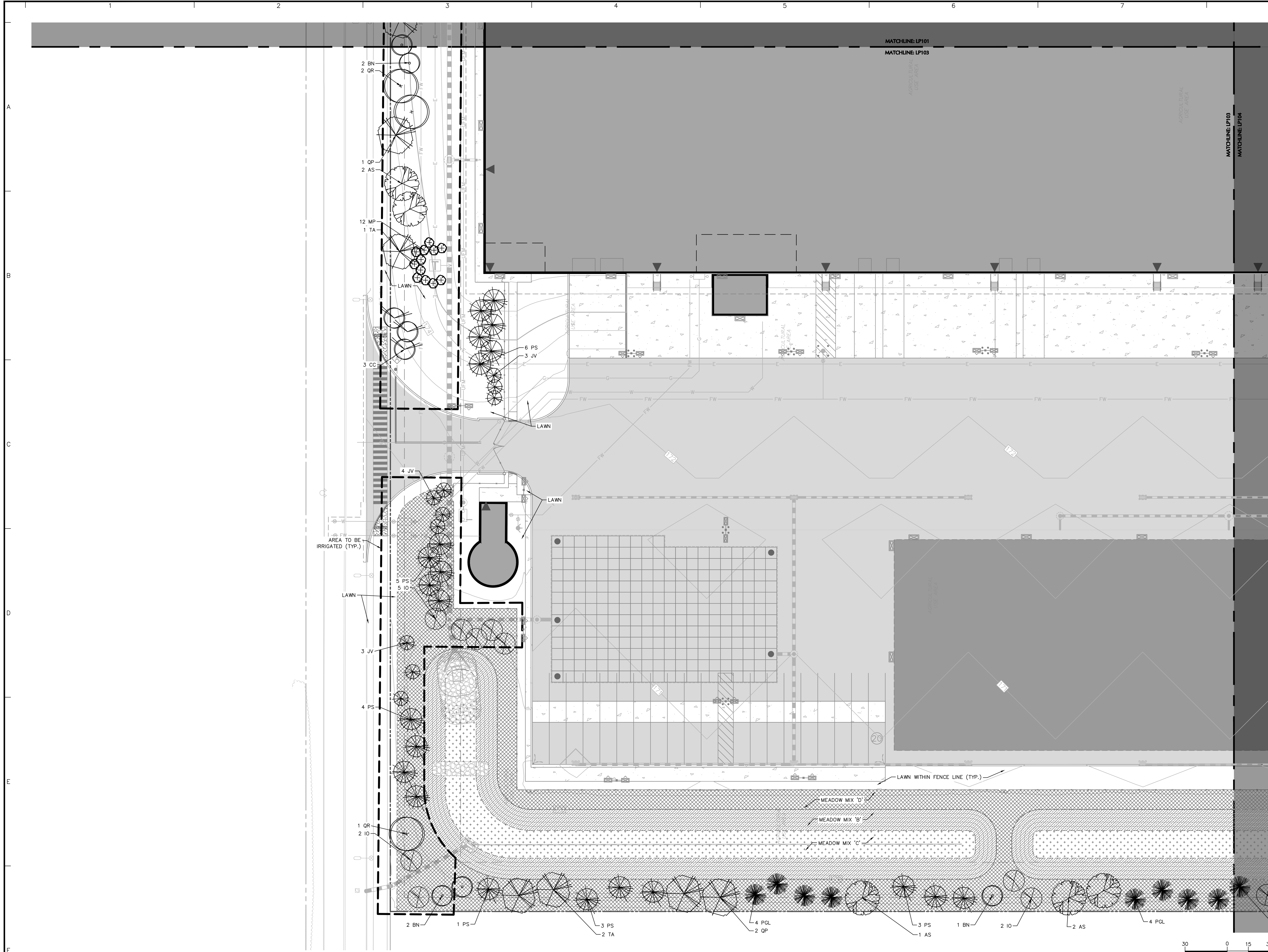
SHEET LEGEND
1" = 1,000'



| Date | Description | No. |
|---|--------------|-----|
| Revisions | | |
| MICHAEL SZURA LICENSED LANDSCAPE ARCHITECT STATE LIC. No. 1339 | | |
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| Project | | |
| BLUEPRINT ROBOTICS | | |
| 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| PLANTING PLAN II | | |
| Project No. | Drawing No. | |
| 140258101 | LP102 | |
| Date | Drawn By | |
| 01/20/2023 | ML | |
| Drawn By | Checked By | |
| ML | JA | |



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SHEET LEGEND
1" = 1,000'

| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |

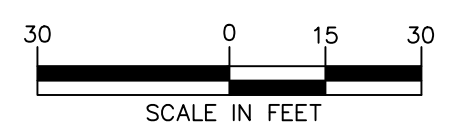
MICHAEL SZURA
LICENSED LANDSCAPE ARCHITECT
STATE LIC. No. 1339

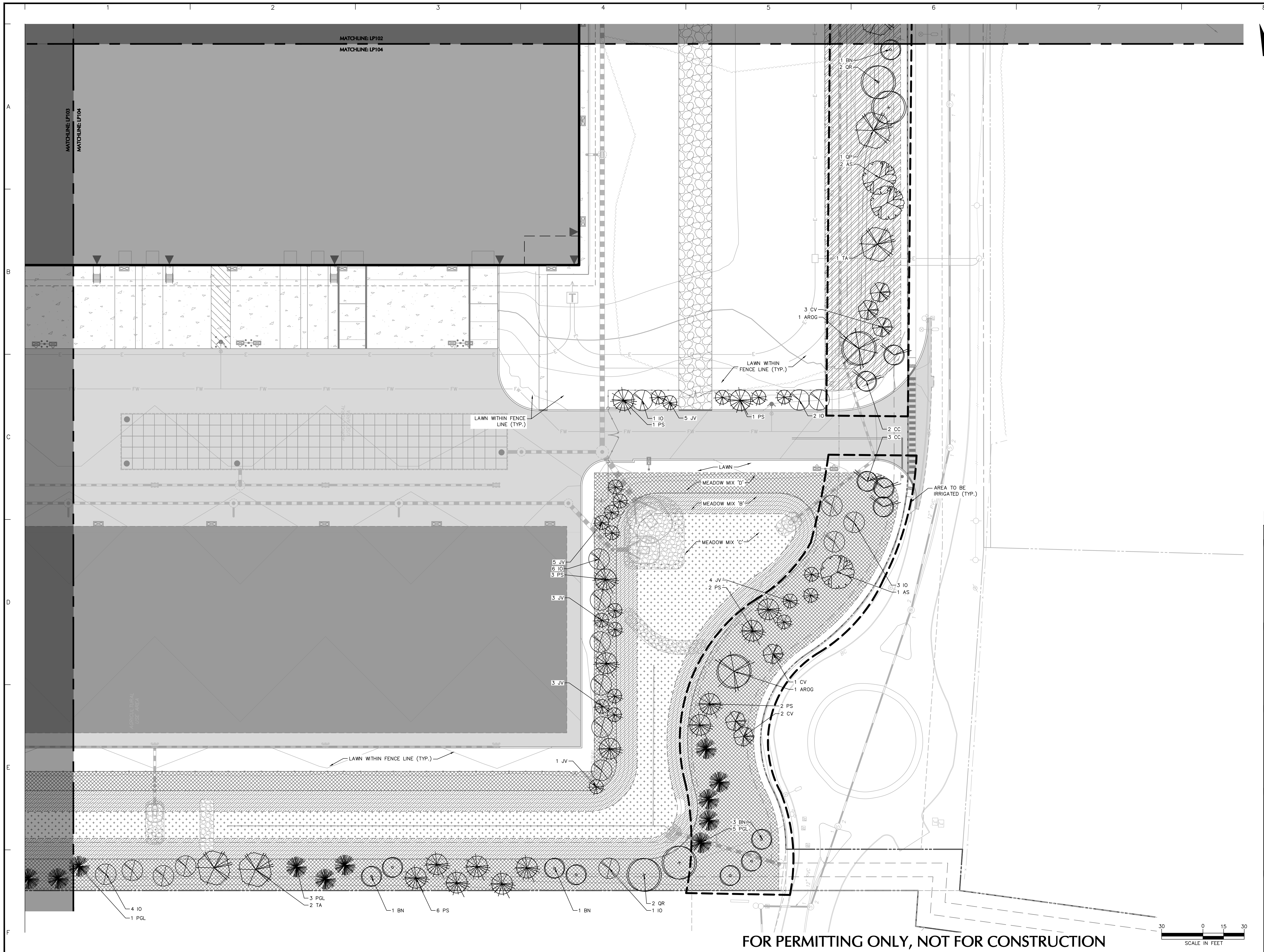
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New Haven, CT 06511
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Project
BLUEPRINT ROBOTICS
11 GOODWIN DRIVE
WINDSOR CONNECTICUT
Drawing Title
PLANTING PLAN III

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. LP103 |
| Date 01/20/2023 | |
| Drawn By ML | |
| Checked By JA | |

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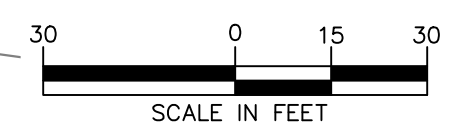


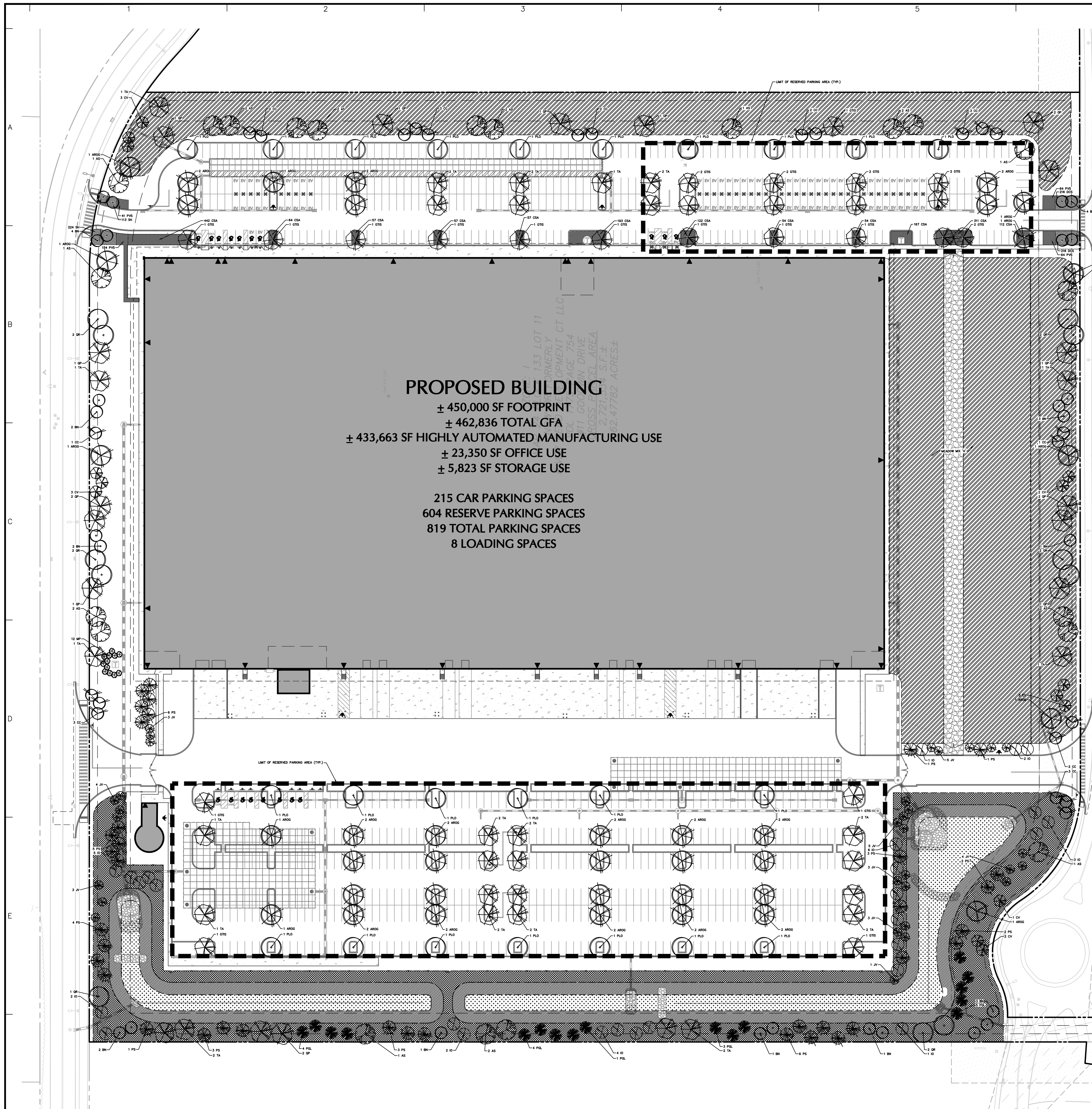


SHEET LEGEND
1" = 1,000'

| Date | Description | No. |
|--|-------------|--------------|
| Revisions | | |
| | | |
| <p>LANGAN Langan Engineering and Environmental Services, Inc. 555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142 www.langan.com</p> | | |
| Project | | |
| BLUEPRINT ROBOTICS | | |
| 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| PLANTING PLAN IV | | |
| Project No. | | Drawing No. |
| 140258101 | | LP104 |
| Date | | |
| 01/20/2023 | | |
| Drawn By | | |
| ML | | |
| Checked By | | |
| JA | | |

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PROPOSED BUILDING
 ± 450,000 SF FOOTPRINT
 ± 462,836 TOTAL GFA
 ± 433,663 SF HIGHLY AUTOMATED MANUFACTURING USE
 ± 23,350 SF OFFICE USE
 ± 5,823 SF STORAGE USE

215 CAR PARKING SPACES
604 RESERVE PARKING SPACES
819 TOTAL PARKING SPACES
8 LOADING SPACES

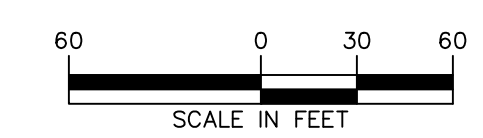
| ORDINANCE COMPLIANCE CHART | | | |
|----------------------------|--|--|--|
| ORDINANCE SECTION | REQUIRED/ PERMITTED | PROVIDED/ PROPOSED | COMPLIANCE |
| 3.1.1.A(1) | FOR SITES WHERE THIS IS NOT A SUFFICIENT NUMBER OF MATURE TREES IN EXISTENCE OR THAT WILL REMAIN ON THE SITE DUE TO CONSTRUCTION, THERE SHALL BE A MINIMUM OF ONE MAJOR TREE AND TWO BUSHES OR SHRUBS PLANTED FOR EVERY 25 FEET OF PROPERTY. | TOTAL PROPERTY LINE WITHOUT A SUFFICIENT NUMBER OF MATURE TREES = ±3,267 LF 3,267/25 = 130.68 = 131 - 131 MAJOR TREES REQUIRED - 245 MAJOR TREES PROPOSED | COMPLIES |
| 3.1.1.E | IN ORDER TO HELP ENSURE THE SURVIVAL OF REQUIRED LANDSCAPING, AN UNDERGROUND IRRIGATION SYSTEM SHALL BE INSTALLED IN LANDSCAPED AREAS PRIMARILY VISIBLE FROM THE STREET FOR DEVELOPMENTS GREATER THAN ONE ACRE INVOLVING A NEW BUILDING OR ADDITION THAT MORE THAN DOUBLES THE EXISTING FLOOR AREA. THE COMMISSION MAY WAIVE THIS REQUIREMENT DURING ITS REVIEW OF A SITE PLAN APPLICATION IF IT FINDS THE COMPOSITION, DRAINAGE CHARACTERISTICS, AND/OR PLANT SPECIES DO NOT REQUIRE IRRIGATION TO SURVIVE. | ALL AREAS HIGHLY VISIBLE FROM PUBLIC RIGHTS-OF-WAY ARE PROPOSED TO BE IRRIGATED | COMPLIES; FINAL IRRIGATION LIMITS TO BE COORDINATED WITH TOWN OF WINDSOR |
| 3.1.2.C(4)(A) | IN PARKING LOTS OF 30 OR MORE PARKING SPACES, ONE MAJOR TREE AND ONE SHRUB SHALL BE PROVIDED FOR EVERY TEN SPACES. | TOTAL PARKING SPACES IN PROPOSED CONSTRUCTED CONDITION = 819 TOTAL PARKING SPACES (215 CAR PARKING + 604 RESERVE PARKING) 819/10 = 81.9 - 82 TREES REQUIRED - 99 TREES PROPOSED 801/10 = 80.1 - 82 SHRUBS REQUIRED - 427 SHRUBS PROPOSED | COMPLIES |

| PLANT SCHEDULE | | | | | | |
|-----------------------------|-------|--|-------------------------|---------------|-----------|---------|
| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE | ROOT | REMARKS |
| SHADE TREE(S) | | | | | | |
| AROG | 38 | ACER RUBRUM 'OCTOBER GLORY' | OCTOBER GLORY RED MAPLE | 3" CAL. | B+B | - |
| AS | 51 | ACER SACCHARUM | SUGAR MAPLE | 3" CAL. | B+B | - |
| GTIS | 24 | GLEDITSIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER' | SHADEMASTER HONEYLOCUST | 3" CAL. | B+B | - |
| PLO | 23 | PLATANUS OCCIDENTALIS | AMERICAN SYCAMORE | 3" CAL. | B+B | - |
| QP | 16 | QUERCUS PALUSTRIS | PIN OAK | 3" CAL. | B+B | - |
| QR | 11 | QUERCUS RUBRA | RED OAK | 3" CAL. | B+B | - |
| TA | 30 | TILIA AMERICANA | BASSWOOD | 3" CAL. | B+B | - |
| ORNAMENTAL TREE(S) | | | | | | |
| BN | 26 | BETULA NIGRA | MULTI STEM RIVER BIRCH | 12-14' | B+B | - |
| CC | 23 | CERCIS CANADENSIS | EASTERN REDBUD | 2-2 1/2" CAL. | B+B | - |
| CV | 14 | CHIONANTHUS VIRGINICUS | WHITE FRINGETREE | 2-2 1/2" CAL. | B+B | - |
| EVERGREEN TREE(S) | | | | | | |
| IO | 24 | ILEX OPACA | AMERICAN HOLLY | 6-7" | B+B | - |
| JV | 31 | JUNIPERUS VIRGINIANA | EASTERN RED CEDAR | 6-7" | B+B | - |
| PGL | 17 | PICEA GLAUCA | WHITE SPRUCE | 6-7" | B+B | - |
| PS | 37 | PINUS STROBUS | EASTERN WHITE PINE | 6-7" | B+B | - |
| ORNAMENTAL GRASS(ES) | | | | | | |
| CSA | 1,689 | CAREX STRICTA | TUSsock SEDGE | 2 GAL. | CONTAINER | - |
| PVS | 243 | PANICUM VIRGATUM 'SHENANDOAH' | SHENANDOAH SWITCH GRASS | 2 GAL. | CONTAINER | - |
| SH | 798 | SPOROBOLOUS HETEROLEPIS | PRAIRIE DROPSEED | 2 GAL. | CONTAINER | - |

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.

| Date | Description | No. | |
|---|--------------|-----|------------|
| Revisions | | | |
| | | | |
| LANGAN Langan Engineering and Environmental Services, Inc. 555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142 www.langan.com | | | |
| Project | | | |
| BLUEPRINT ROBOTICS | | | |
| 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | | |
| Drawing Title | | | |
| OVERALL LANDSCAPE PLAN RESERVE PARKING CONDITION | | | |
| Project No. | Drawing No. | | |
| 140258101 | LP200 | | |
| Date | | | 01/20/2023 |
| Drawn By | | | MF |
| Checked By | | | JMH |

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Project No. 140258101

LANEAV

SITE LIGHTING SCHEDULE

| SYMBOL | KEY | QTY. | FIXTURE MANUFACTURER | FIXTURE MODEL | FIXTURE DESCRIPTION | FIXTURE MOUNTING HEIGHT | LAMP | COLOR TEMPERATURE | OPTICS | B-U-G | LUMENS | LLF | FIXTURE CATALOGUE NO. | POLE MANUFACTURER | POLE DESCRIPTION | POLE LENGTH | POLE CATALOGUE NO. | REMARKS |
|--------|-----|------|----------------------|-----------------|--|-------------------------|-----------|-------------------|---|-------|--------|------|--|-------------------|--|-------------|--------------------------|---|
| ☐ | A | 7 | LITHONIA LIGHTING | D SERIES SIZE 1 | TWIN POLE-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 24'-0" | 102 W LED | 3000K | TYPE V MEDIUM | 4-0-2 | 12,516 | 0.90 | DSX1-P3-30K-80CRI-TSM-MVOLT-RPA-DNAXD | LITHONIA LIGHTING | ROUND STRAIGHT STEEL POLE; COLOR: NATURAL ALUMINUM | 23'-6" | RSS-25-5-9B-DM28AS-DNAXD | POLE TO BE FACTORY-CUT TO 23'-6" LENGTH, MOUNTED ON 6" HEIGHT EXPOSED CONCRETE BASE |
| ☐ | B | 7 | LITHONIA LIGHTING | D SERIES SIZE 1 | SINGLE POLE-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 24'-0" | 102 W LED | 3000K | TYPE III BACKLIGHT CONTROL | 0-0-2 | 10,710 | 0.90 | DSX1-P3-30K-80CRI-BLC3-MVOLT-RPA-DNAXD | LITHONIA LIGHTING | ROUND STRAIGHT STEEL POLE; COLOR: NATURAL ALUMINUM | 23'-6" | RSS-25-5-9B-DM28AS-DNAXD | POLE TO BE FACTORY-CUT TO 23'-6" LENGTH, MOUNTED ON 6" HEIGHT EXPOSED CONCRETE BASE |
| ☐ | C | 13 | LITHONIA LIGHTING | D SERIES SIZE 1 | TWIN POLE-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 24'-0" | 102 W LED | 3000K | A-ROTATED 90 LEFT, TYPE III BACKLIGHT CONTROL B-ROTATED 90 RIGHT, TYPE III BACKLIGHT CONTROL | 0-0-2 | 8,718 | 0.90 | A: DSX1-P3-30K-80CRI-BLC3-MVOLT-RPA-L90-DNAXD B: DSX1-P3-30K-80CRI-BLC3-MVOLT-RPA-R90-DNAXD | LITHONIA LIGHTING | ROUND STRAIGHT STEEL POLE; COLOR: NATURAL ALUMINUM | 23'-6" | RSS-25-5-9B-DM28AS-DNAXD | POLE TO BE FACTORY-CUT TO 23'-6" LENGTH, MOUNTED ON 6" HEIGHT EXPOSED CONCRETE BASE |
| ☐ | D | 10 | LITHONIA LIGHTING | D SERIES SIZE 1 | WALL-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 24'-0" | 102 W LED | 3000K | TYPE IV LOW GLARE | 2-0-2 | 11,067 | 0.90 | DSX1-P3-30K-80CRI-T4LG-MVOLT-WBA-DNAXD | - | - | - | - | - |
| ☐ | E | 17 | LITHONIA LIGHTING | WDGE3 LED | WALL-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 15'-0" | 51 W LED | 3000K | TYPE II | 2-0-1 | 7,050 | 0.90 | WDGE3-P3-30K-80CRI-R2-MVOLT-SRM-DNAXD | - | - | - | - | - |

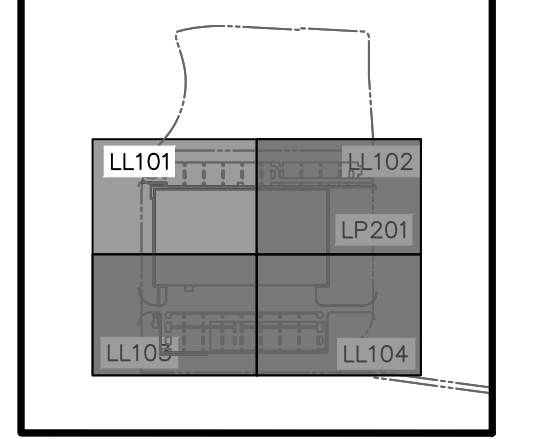
STATISTICS

| DESCRIPTION | AVG. | MAX. | MIN. | MAX./MIN. | AVG./MIN. |
|--------------------------|-------|-------|-------|-----------|-----------|
| DRIVE AISLE - NORTH EAST | 1.3fc | 2.5fc | 0.5fc | 5.0:1 | 2.6:1 |
| DRIVE AISLE - NORTH WEST | 1.8fc | 2.9fc | 0.5fc | 5.8:1 | 3.6:1 |
| DRIVE AISLE - SOUTH EAST | 1.8fc | 4.8fc | 0.5fc | 9.6:1 | 3.6:1 |
| DRIVE AISLE - SOUTH WEST | 2.4fc | 4.7fc | 0.5fc | 9.4:1 | 4.9:1 |
| PARKING - NORTH | 1.6fc | 2.2fc | 0.6fc | 3.6:1 | 2.6:1 |
| TRUCK LOADING - SOUTH | 1.8fc | 6.1fc | 0.5fc | 12.2:1 | 3.7:1 |

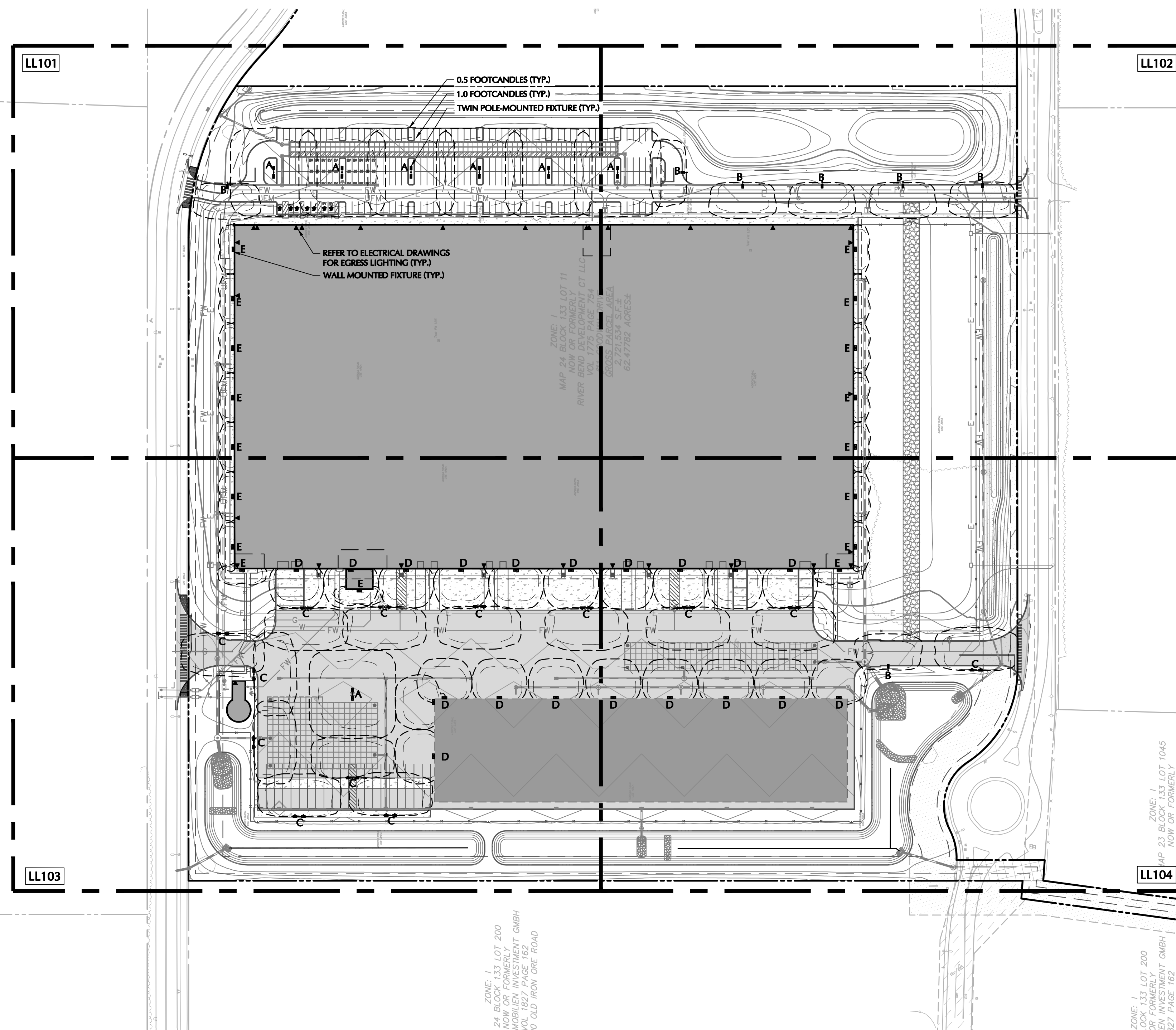
NOTE: LIGHT PHOTOMETRY AND CALCULATIONS FOR ADJACENT STREET AND SITE LIGHTING ARE NOT INCLUDED IN THE ABOVE STATISTICS.

SHEET LEGEND

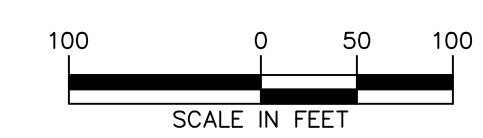
1" = 1,000'



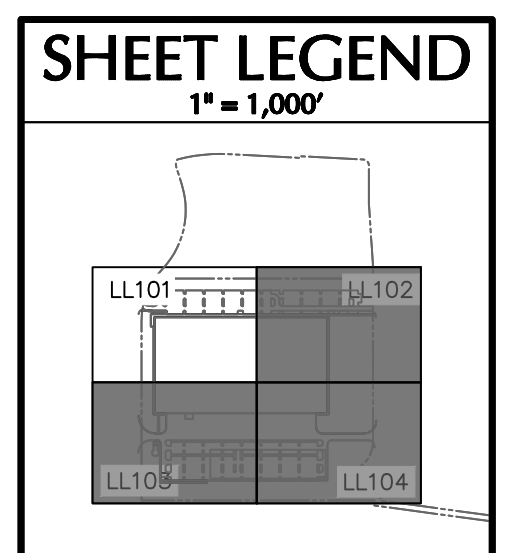
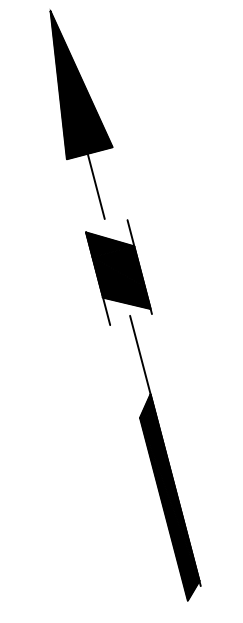
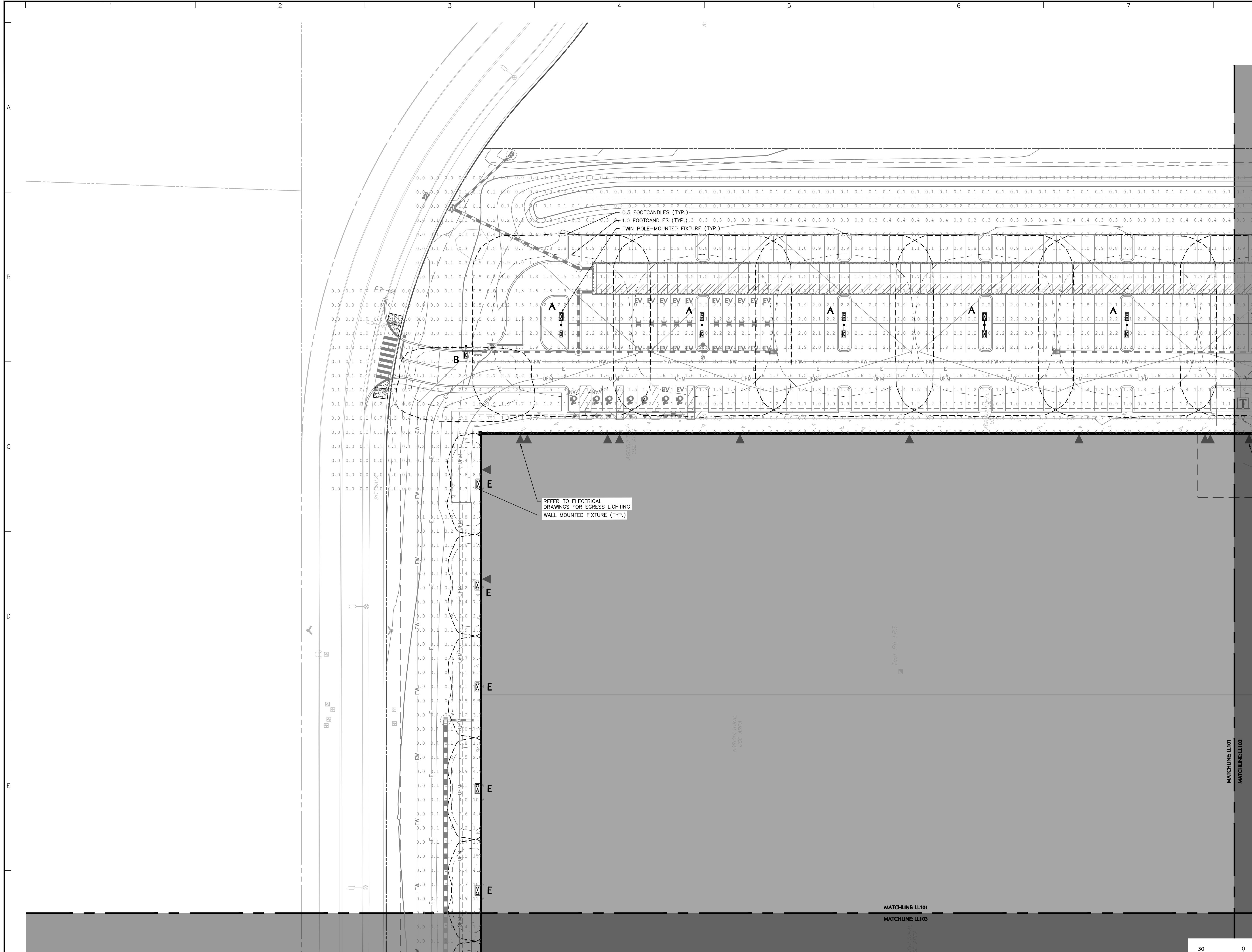
NOTES:
1. REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING VOLTAGES
2. ALL POLES TO RECEIVE FACTORY-INSTALLED VIBRATION DAMPENERS



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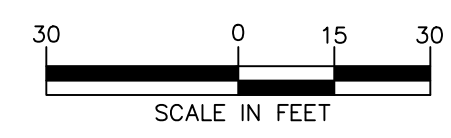
| Date | Description | No. |
|---|-------------|-----|
| Revisions | | |
| | | |
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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| OVERALL SITE LIGHTING PLAN | | |
| Project No. | Drawing No. | |
| 140258101 | LL100 | |
| Date | 01/20/2023 | |
| Drawn By | ML | |
| Checked By | JA | |



Project No. 140258101

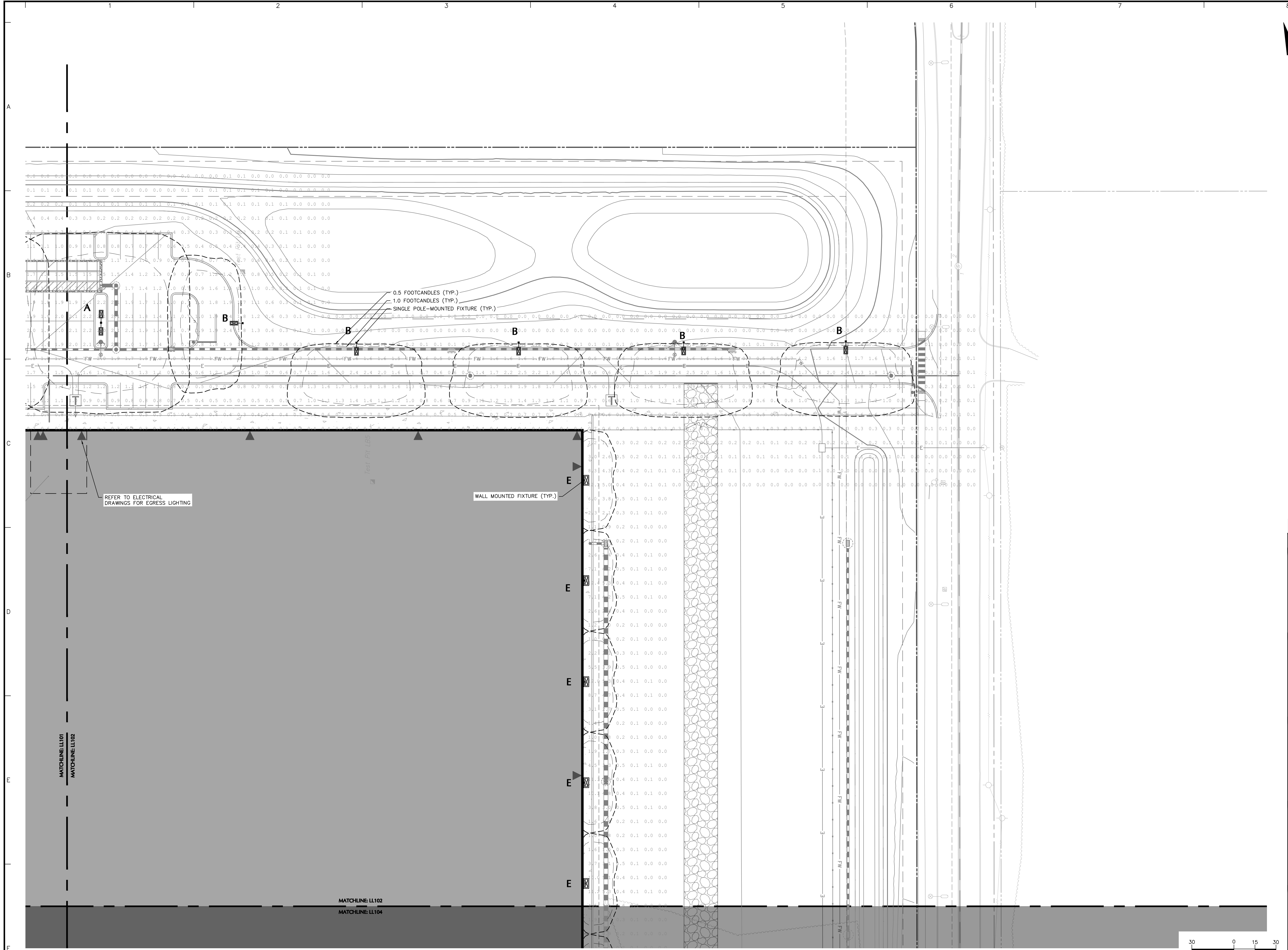
LANEAM

REFER TO ELECTRICAL DRAWINGS FOR EGRESS LIGHTING WALL MOUNTED FIXTURE (TYP.)



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|---|--------------|-----|
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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| SITE LIGHTING PLAN I | | |
| Project No. | Drawing No. | |
| 140258101 | LL101 | |
| Date | Drawn By | |
| 01/20/2023 | ML | |
| Drawn By | Checked By | |
| ML | JA | |



SHEET LEGEND
1" = 1,000'

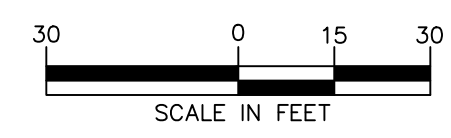
Project No. 140258101

REFER TO ELECTRICAL DRAWINGS FOR EGRESS LIGHTING

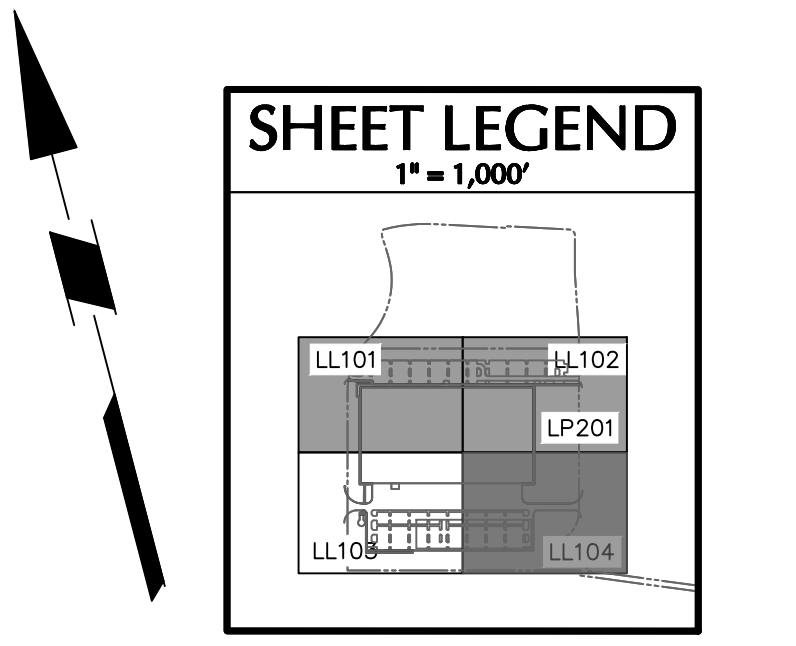
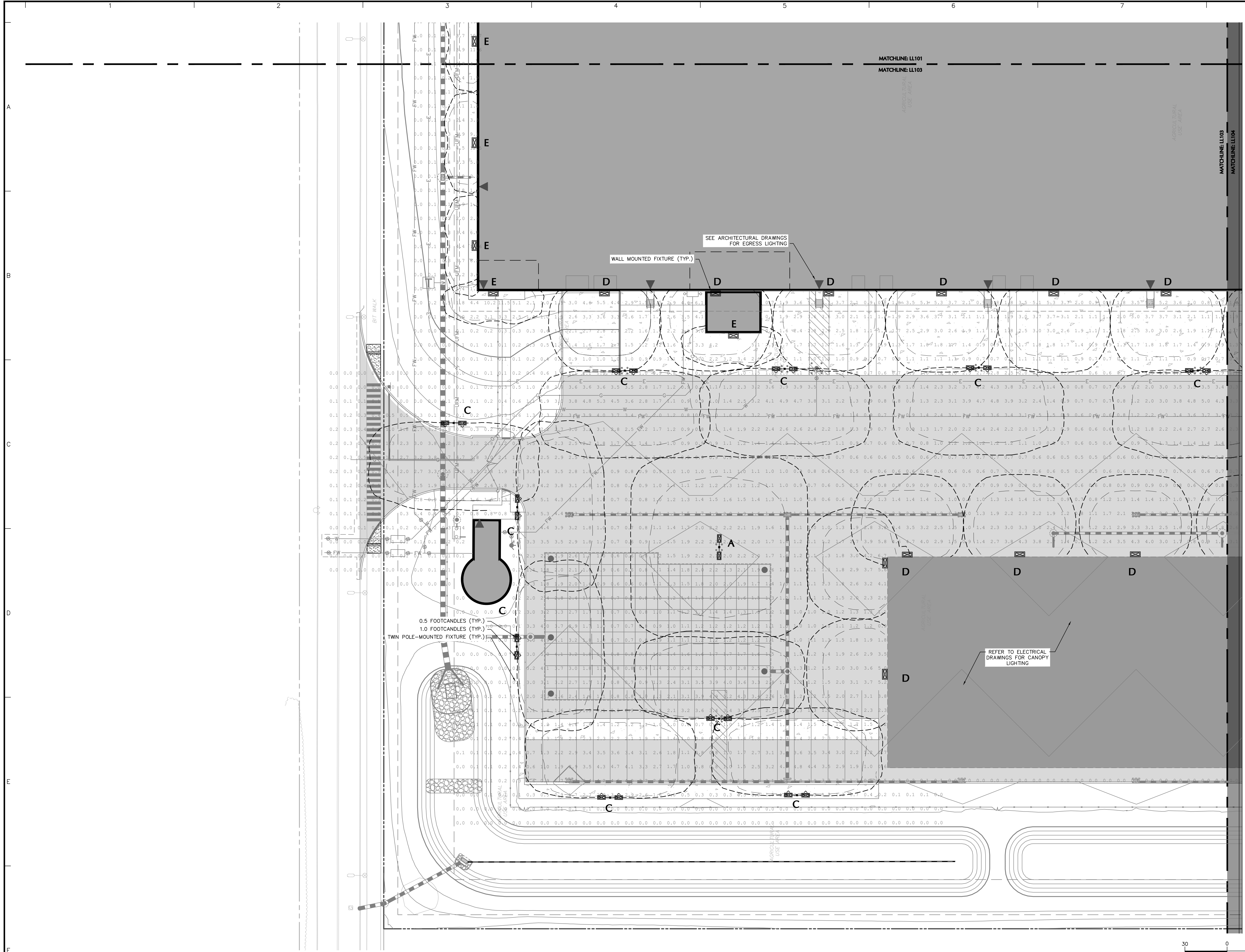
WALL MOUNTED FIXTURE (TYP.)

MATCHLINE: LL102
MATCHLINE: LL104

| Date | Description | No. |
|--|--------------|-----|
| Revisions | | |
| | | |
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| Project | | |
| BLUEPRINT ROBOTICS | | |
| 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| SITE LIGHTING PLAN II | | |
| Project No. | Drawing No. | |
| 140258101 | LL102 | |
| Date | | |
| 01/20/2023 | | |
| Drawn By | | |
| ML | Checked By | |
| JA | | |



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|---|-------------|-----|
| Revisions | | |
| | | |
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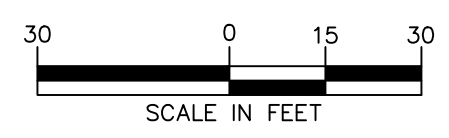
Project
BLUEPRINT ROBOTICS

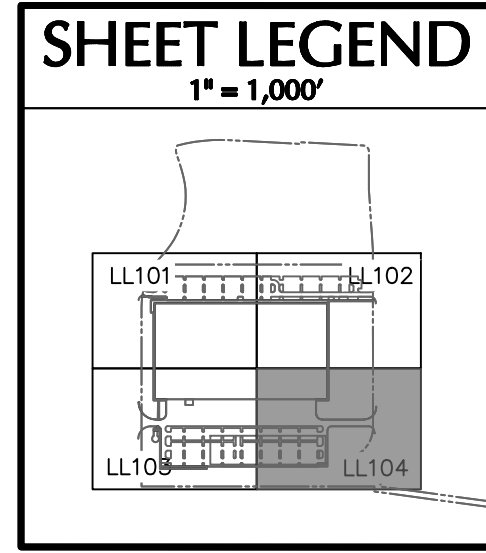
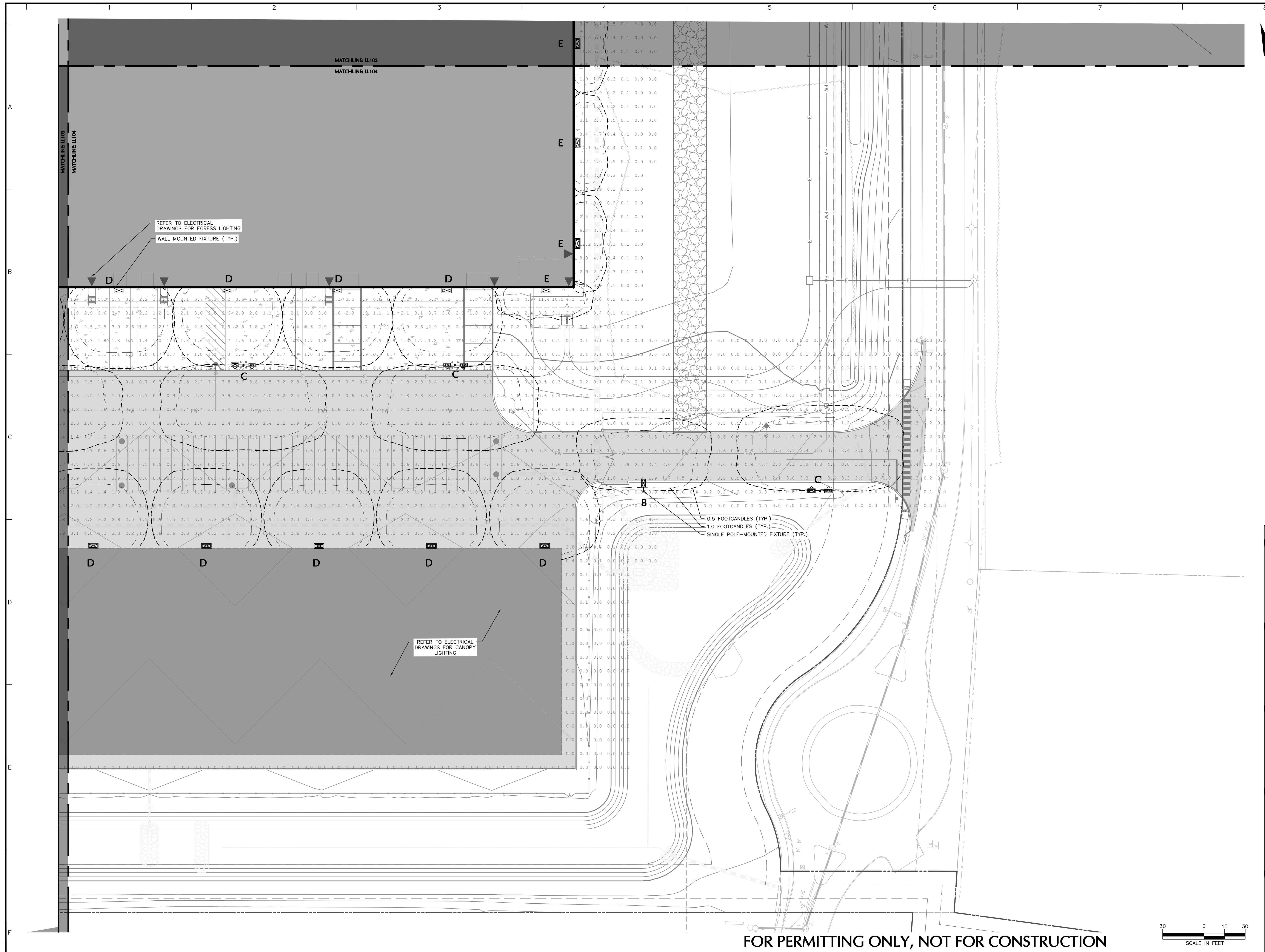
11 GOODWIN DRIVE
WINDSOR CONNECTICUT

Drawing Title
SITE LIGHTING PLAN III

| | |
|---------------------------------|-----------------------------|
| Project No. 140258101 | Drawing No. LL103 |
| Date 01/20/2023 | |
| Drawn By ML | |
| Checked By JA | |

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| Date | Description | No. |
|------|-------------|-----|
|------|-------------|-----|

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Project

BLUEPRINT ROBOTICS

11 GOODWIN DRIVE WINDSOR CONNECTICUT

Drawing Title

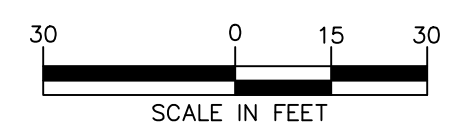
SITE LIGHTING PLAN IV

Project No. 140258101 Drawing No. LL104

Date 01/20/2023

Drawn By ML

Checked By JA



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SITE LIGHTING SCHEDULE

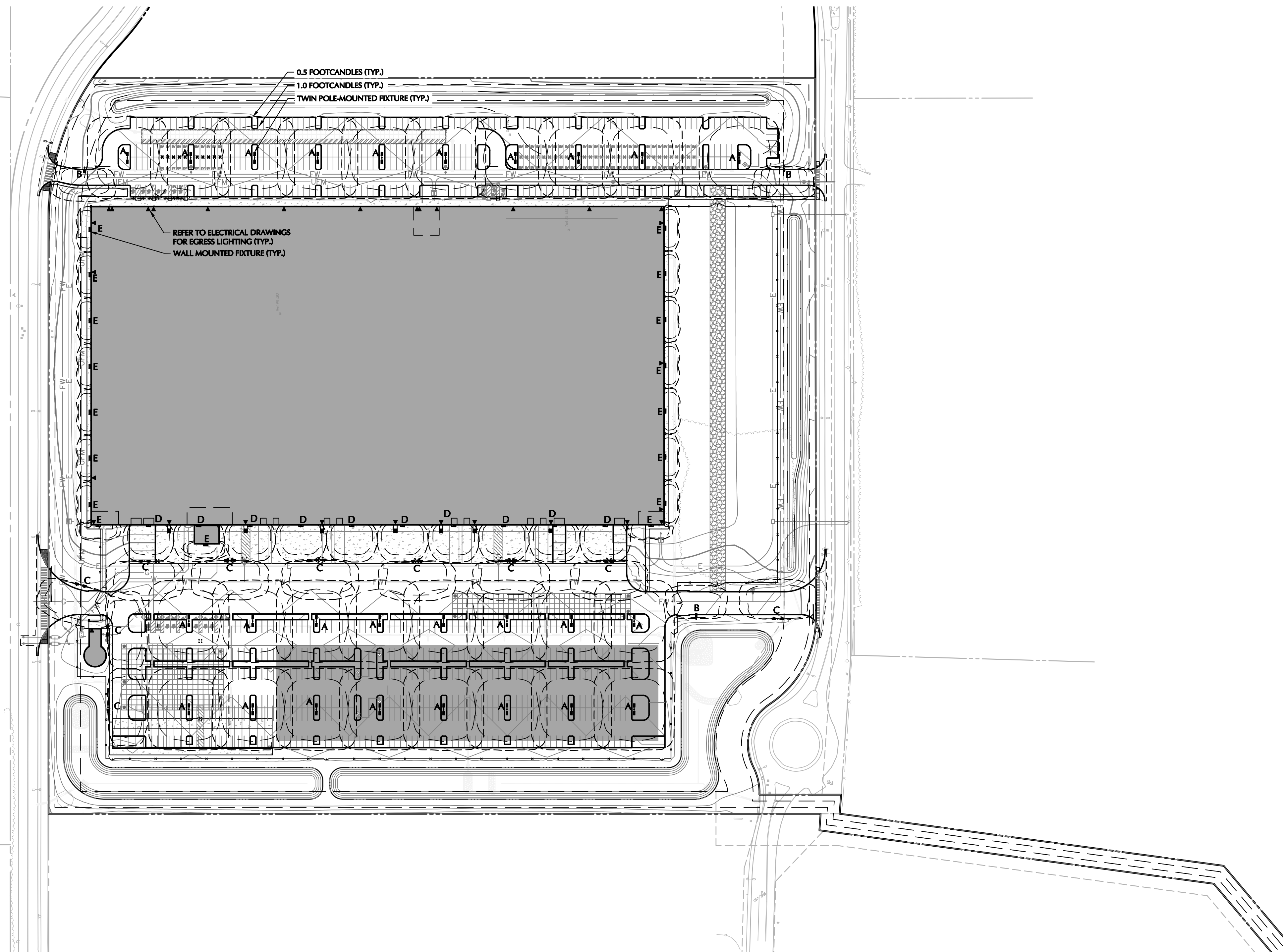
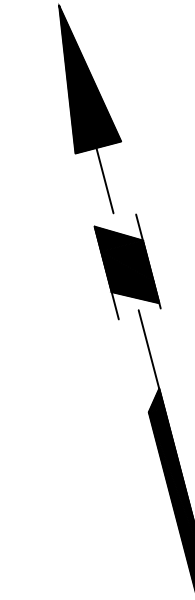
| SYMBOL | KEY | QTY. | FIXTURE MANUFACTURER | FIXTURE MODEL | FIXTURE DESCRIPTION | FIXTURE MOUNTING HEIGHT | LAMP | COLOR TEMPERATURE | OPTICS | B-U-G | LUMENS | LLF | FIXTURE CATALOGUE NO. | POLE MANUFACTURER | POLE DESCRIPTION | POLE LENGTH | POLE CATALOGUE NO. | REMARKS |
|--------|-----|------|----------------------|-----------------|--|-------------------------|-----------|-------------------|---|-------|--------|------|--|-------------------|--|-------------|--------------------------|---|
| ⬢ | A | 26 | LITHONIA LIGHTING | D SERIES SIZE 1 | TWIN POLE-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 24'-0" | 102 W LED | 3000K | TYPE V MEDIUM | 4-0-2 | 12,516 | 0.90 | DSX1-P3-30K-80CRI-TSM-MVOLT-RPA-DNAXD | LITHONIA LIGHTING | ROUND STRAIGHT STEEL POLE; COLOR: NATURAL ALUMINUM | 23'-6" | RSS-25-5-9B-DM28AS-DNAXD | POLE TO BE FACTORY-CUT TO 23'-6" LENGTH, MOUNTED ON 6" HEIGHT EXPOSED CONCRETE BASE |
| ⬢ | B | 3 | LITHONIA LIGHTING | D SERIES SIZE 1 | SINGLE POLE-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 24'-0" | 102 W LED | 3000K | TYPE III BACKLIGHT CONTROL | 0-0-2 | 10,710 | 0.90 | DSX1-P3-30K-80CRI-BLC3-MVOLT-RPA-DNAXD | LITHONIA LIGHTING | ROUND STRAIGHT STEEL POLE; COLOR: NATURAL ALUMINUM | 23'-6" | RSS-25-5-9B-DM28AS-DNAXD | POLE TO BE FACTORY-CUT TO 23'-6" LENGTH, MOUNTED ON 6" HEIGHT EXPOSED CONCRETE BASE |
| ⬢ | C | 10 | LITHONIA LIGHTING | D SERIES SIZE 1 | TWIN POLE-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 24'-0" | 102 W LED | 3000K | A: ROTATED 90 LEFT, TYPE III BACKLIGHT CONTROL B: ROTATED 90 RIGHT, TYPE III BACKLIGHT CONTROL | 0-0-2 | 8,718 | 0.90 | A: DSX1-P3-30K-80CRI-BLC3-MVOLT-RPA-L90-DNAXD B: DSX1-P3-30K-80CRI-BLC3-MVOLT-RPA-R90-DNAXD | LITHONIA LIGHTING | ROUND STRAIGHT STEEL POLE; COLOR: NATURAL ALUMINUM | 23'-6" | RSS-25-5-9B-DM28AS-DNAXD | POLE TO BE FACTORY-CUT TO 23'-6" LENGTH, MOUNTED ON 6" HEIGHT EXPOSED CONCRETE BASE |
| ⬢ | D | 10 | LITHONIA LIGHTING | D SERIES SIZE 1 | WALL-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 24'-0" | 102 W LED | 3000K | TYPE IV LOW GLARE | 2-0-2 | 11,067 | 0.90 | DSX1-P3-30K-80CRI-T4LG-MVOLT-WBA-DNAXD | - | - | - | - | - |
| ⬢ | E | 17 | LITHONIA LIGHTING | WEDGE3 LED | WALL-MOUNTED FIXTURE; COLOR: NATURAL ALUMINUM | 15'-0" | 51 W LED | 3000K | TYPE II | 2-0-1 | 7,050 | 0.90 | WDGE3-P3-30K-80CRI-R2-MVOLT-SRM-DNAXD | - | - | - | - | - |

NOTES:
1. REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING VOLTAGES
2. ALL POLES TO RECEIVE FACTORY-INSTALLED VIBRATION DAMPENERS

STATISTICS

| DESCRIPTION | AVG. | MAX. | MIN. | MAX./MIN. | AVG./MIN. |
|--------------------------|--------|-------|-------|-----------|-----------|
| DRIVE AISLE - NORTH EAST | 3.4fc | 7.2fc | 0.8fc | 9.0:1 | 4.3:1 |
| DRIVE AISLE - NORTH WEST | 3.3fc | 8.2fc | 1.0fc | 8.2:1 | 3.3:1 |
| DRIVE AISLE - SOUTH EAST | 1.37fc | 2.4fc | 0.5fc | 4.8:1 | 2.7:1 |
| DRIVE AISLE - SOUTH WEST | 2.8fc | 4.8fc | 0.8fc | 6.0:1 | 3.5:1 |
| PARKING - NORTH | 1.6fc | 2.3fc | 0.6fc | 3.8:1 | 2.6:1 |
| PARKING - ALTERNATE | 1.8fc | 5.6fc | 0.5fc | 11.2:1 | 3.7:1 |
| TRUCK LOADING - SOUTH | 1.9fc | 5.3fc | 0.5fc | 10.6:1 | 3.8:1 |

NOTE: LIGHT PHOTOMETRY AND CALCULATIONS FOR ADJACENT STREET AND SITE LIGHTING ARE NOT INCLUDED IN THE ABOVE STATISTICS.



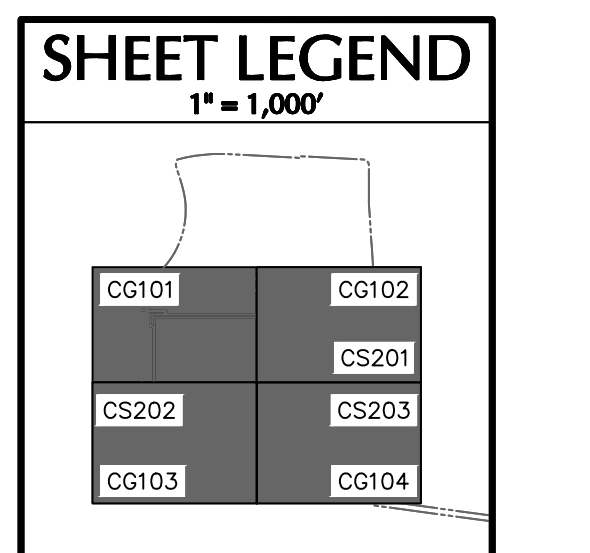
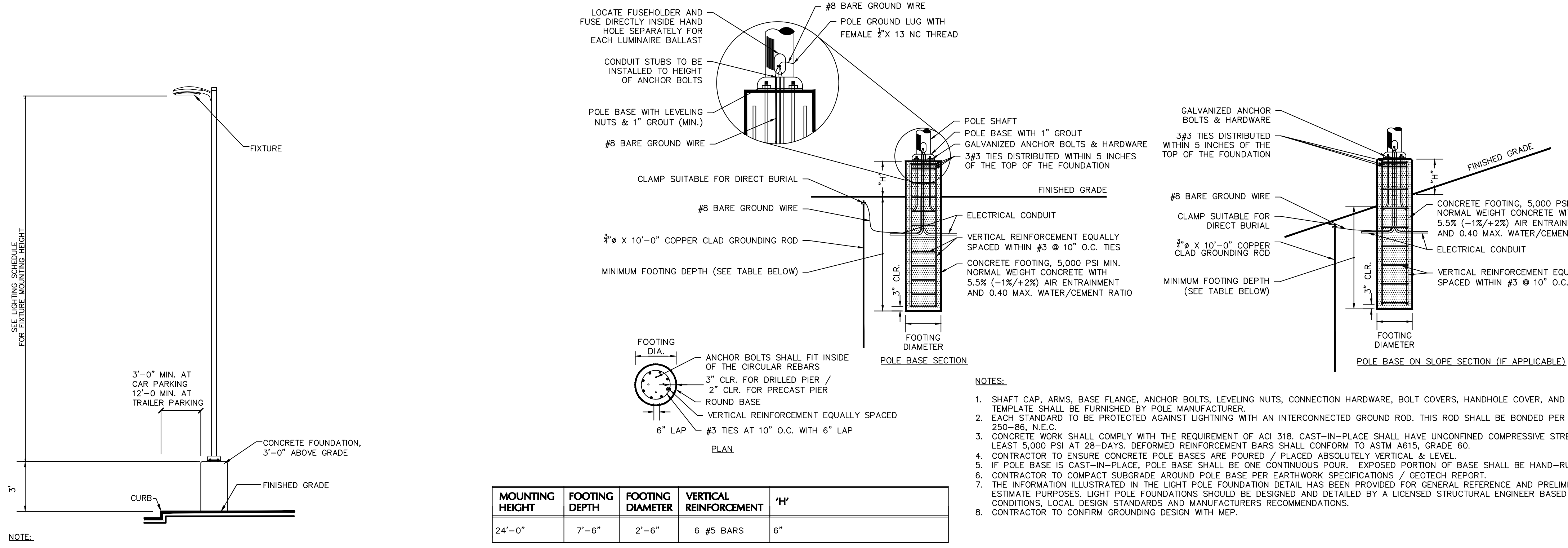
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| Date | Description | No. |
|---|--------------|-----|
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| Project | | |
| BLUEPRINT ROBOTICS 11 GOODWIN DRIVE WINDSOR CONNECTICUT | | |
| Drawing Title | | |
| OVERALL SITE LIGHTING PLAN RESERVE PARKING CONDITION | | |
| Project No. | Drawing No. | |
| 140258101 | LL200 | |
| Date | | |
| 01/20/2023 | | |
| Drawn By | | |
| ML | Checked By | |
| JA | | |

SITE LIGHTING NOTES:

- GENERAL**
- POINT-BY-POINT CALCULATIONS PROVIDED WITHIN HAVE BEEN PREPARED IN ACCORDANCE TO IESNA STANDARDS AND IN CONSIDERATION OF THE VARIABLES WITHIN THESE NOTES AND SITE LIGHTING SCHEDULE. THE VALUES SHOWN ON THE PLANS ARE NOT AN INDICATION OF THE INITIAL LIGHT INTENSITIES OF THE LAMPS. THESE VALUES ARE AN APPROXIMATION OF THE MAINTAINED INTENSITIES DELIVERED TO THE GROUND PLANE USING INDUSTRY STANDARD LIGHT LOSS FACTORS (LLF) WHICH COVER LAMP DEGRADATION AND NATURAL BUILDUP/DIRT DEGRADATION ON THE FIXTURE LENS. THE LIGHTING PLAN IS DESIGNED WITH AN INDUSTRY STANDARD LLF IN ACCORDANCE WITH GUIDANCE AS PROVIDED BY IESNA. MINOR VARIATIONS IN TOPOGRAPHY, PHYSICAL OBSTRUCTIONS, AMBIENT OR ADJACENT LIGHT SOURCES AND/OR OTHER POTENTIAL IMPACTS HAVE NOT BEEN INCLUDED IN THESE CALCULATIONS. THEREFORE, AS-BUILT LIGHT INTENSITIES MAY VARY, IN EITHER DIRECTION, FROM WHAT IS EXPLICITLY PORTRAYED WITHIN THESE DRAWINGS. NO GUARANTEE OF LIGHT LEVELS IS EXPRESSED OR IMPLIED BY THE POINT BY POINT CALCULATIONS SHOWN ON THESE PLANS.
 - LIGHT LEVEL POINT SPACING IS 15 FT. LEFT TO RIGHT AND 15 FT. TOP TO BOTTOM. POINT BY POINT CALCULATIONS ARE BASED ON THE LIGHT LOSS FACTOR AS STATED IN THE LIGHTING SCHEDULE.
- COMPLIANCE**
- ALL SITE LIGHTING RELATED WORK AND MATERIALS SHALL COMPLY WITH CITY, COUNTY, AND OTHER APPLICABLE GOVERNING AUTHORITY REQUIREMENTS.
- COORDINATION**
- CONTRACTOR TO COORDINATE POWER SOURCE WITH LIGHT FIXTURES TO ENSURE ALL SITE LIGHTING IS OPERATING EFFECTIVELY, EFFICIENTLY AND SAFELY.
 - REFER TO ELECTRIFICATION PLAN FOR PROVIDING ADEQUATE POWER FOR SITE LIGHTING.
 - CONTRACTOR TO COORDINATE LOCATION OF EASEMENTS, UNDERGROUND UTILITIES AND DRAINAGE BEFORE DRILLING POLE BASES.
 - INSTALLATION OF ALL LIGHTING FIXTURES, POLES, FOOTINGS, AND FEEDER CABLE TO BE COORDINATED WITH ALL SITE WORK TRADES TO AVOID CONFLICT WITH FINISHED AND PROPOSED WORK.
 - CONTRACTOR TO COORDINATE INSTALLATION OF UNDERGROUND FEEDER CABLE FOR EXTERIOR LIGHTING WITH EXISTING AND PROPOSED UTILITIES, SITE DRAINAGE SYSTEMS, AND PAVING. CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE SHOULD ANY UTILITIES, NOT SHOWN ON THE PLANS, BE FOUND DURING EXCAVATIONS.
- POLES AND FOOTINGS**
- PROVIDE A CONCRETE BASE FOR EACH LIGHT POLE AT THE LOCATIONS INDICATED ON THE CONSTRUCTION DRAWINGS AND/OR IN ACCORDANCE WITH PROJECT PLANS AND SPECIFICATIONS RELATING DIRECTLY TO CAST-IN-PLACE CONCRETE. THE USE OF ALTERNATE LIGHTING FOUNDATIONS, SUCH AS PRECAST, MAY CHANGE THE SIZING AND REINFORCEMENT REQUIREMENTS FROM THOSE SHOWN ON THESE PLANS. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO ORDERING ANY SUBSTITUTED PRODUCTS.
 - CONTRACTOR SHALL EXAMINE AND VERIFY THAT SOIL CONDITIONS ARE SUITABLE TO SUPPORT LOADS EXERTED UPON THE FOUNDATIONS DURING EXCAVATION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNSATISFACTORY CONDITIONS.
 - POLE FOUNDATIONS SHALL NOT BE POURED IF FREE STANDING WATER IS PRESENT IN EXCAVATED AREA.
 - ALL POLES THAT ARE HIGHER THAN 25' SHALL BE EQUIPPED WITH FACTORY INSTALLED VIBRATION DAMPERS.
- WALL MOUNTED FIXTURES**
- CONTRACTOR TO COORDINATE INSTALLATION OF ALL THE WALL MOUNTED FIXTURES AND ELECTRICAL CONNECTIONS TO SITE STRUCTURE(S) WITH BUILDING MEP, ARCHITECT, AND/OR OWNER.
 - INSTALLATION AND ELECTRICAL CONNECTIONS FOR WALL MOUNTED FIXTURES TO BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, UTILITY AND SITE PLANS AND TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES.
- ADJUSTMENT AND INSPECTION**
- CONTRACTOR TO OPERATE EACH LUMINAIRE AFTER INSTALLATION AND CONNECTION. INSPECT FOR IMPROPER CONNECTIONS AND OPERATION.
 - CONTRACTOR TO AIM AND ADJUST ALL LUMINAIRES TO PROVIDE ILLUMINATION LEVELS AND DISTRIBUTION AS INDICATED ON THE CONSTRUCTION DRAWINGS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR OWNER.
 - CONTRACTOR TO CONFIRM THAT LIGHT FIXTURES, TILT ANGLE AND AIMING MATCH SPECIFICATIONS ON THE PLANS.
- LIGHTING SUBSTITUTION REQUIREMENTS**
- ALL LIGHTING SUBSTITUTIONS MUST BE MADE WITHIN 14 DAYS PRIOR TO THE BID DATE TO PROVIDE AMPLE TIME FOR REVIEW AND TO ISSUE AN ADDENDUM INCORPORATING THE SUBSTITUTION WITH THE FOLLOWING REQUIREMENTS:
 - ANY SUBSTITUTION TO LIGHTING FIXTURES, POLES, ETC. MUST BE APPROVED BY THE TOWNSHIP, OWNER, ENGINEER AND TENANTS. ANY COST ASSOCIATED WITH REVIEW AND/OR APPROVAL OF THE SUBSTITUTIONS SHALL BE ENTIRELY BORNE BY THE CONTRACTOR
 - COMPUTER PREPARED PHOTOMETRIC LAYOUT OF THE PROPOSED LIGHTED AREA WHICH INDICATES, BY ISOFOOTCANDLE, THE SYSTEM'S PERFORMANCE.
 - A PHOTOMETRIC REPORT FROM A NATIONAL INDEPENDENT TESTING LABORATORY WITH REPORT NUMBER, DATE, FIXTURE CATALOG NUMBER, LUMINAIRE AND LAMP SPECIFICATIONS, IES CALCULATIONS, POINT BY POINT FOOT CANDLE PLAN, STATISTIC ZONES SHOWING AVERAGE, MAXIMUM, MINIMUM AND UNIFORMITY RATIOS, SUMMARY, ISOLUX PLOT, AND CATALOGUE CUTS. CATALOGUE CUTS MUST IDENTIFY OPTICS, LAMP TYPE, DISTRIBUTION TYPE, REFLECTOR, LENS, BALLASTS, WATTAGE, VOLTAGE, FINISH HOUSING DESCRIPTION AND ALL OTHER PERTINENT INFORMATION.
 - POLE MANUFACTURER AASHTO CALCULATIONS INDICATING THE POLE AND ANCHOR BOLTS BEING SUBMITTED ARE CAPABLE OF SUPPORTING THE POLE AND FIXTURE SYSTEMS BEING UTILIZED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
 - THE UNDERWRITERS LABORATORY LISTING AND FILE NUMBER FOR THE SPECIFIC FIXTURE(S) TO BE UTILIZED.
 - A COLOR PHOTOGRAPH THAT CLEARLY SHOWS THE REPLACEMENT FIXTURE POLE MOUNTED, THE FIXTURE'S COLOR, FINISH, AND PHYSICAL CHARACTERISTICS.



1 FIXTURE AND POLE NTS

2 LIGHT POLE FOOTING NTS

D-Series Size 1 LED Area Luminaire

Specifications

| | |
|---------|--------------------|
| Depth: | 0.69" (17.8mm) |
| Height: | 3.27" (83.3mm) |
| Width: | 14.28" (362.8mm) |
| Weight: | 24.30 lbs (11.0kg) |

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CR1 3RM TMOV SPA NLTAR2 PIRH DBXB

| Model | SKU | Color Temperature | Color Rendering Index | Beam Spread | Output | Warranty |
|----------|-----|-------------------|-----------------------|-------------|--------|----------|
| DSX1 LED | P7 | 40K | 90 | 30° | 1000lm | 5 Years |

LITHONIA LIGHTING

RTS ROUND TAPERED STEEL

Specifications & Specifications

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

WDGE3 LED Architectural Wall Sconce

Specifications

| | |
|-------------|----------|
| Depth (D1): | 6" |
| Depth (D2): | 1.5" |
| Height: | 9" |
| Width: | 18" |
| Weight: | 19.5 lbs |

Ordering Information

EXAMPLE: WDGE3 LED P3 40K 70CR1 3RM VMOV SRM DBXB

| Model | SKU | Color Temperature | Color Rendering Index | Beam Spread | Output | Warranty |
|-----------|-----|-------------------|-----------------------|-------------|--------|----------|
| WDGE3 LED | P3 | 40K | 90 | 30° | 1000lm | 5 Years |

3 POLE MOUNTED FIXTURE CUTSHEET NTS

4 POLE CUTSHEET NTS

3 WALL MOUNTED FIXTURE CUTSHEET NTS

Revisions

Michael Szura
LICENSED LANDSCAPE ARCHITECT
STATE LIC. NO. 1339

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BLUEPRINT ROBOTICS

11 GOODWIN DRIVE
CONNECTICUT

SITE LIGHTING DETAILS

Project No. 140258101
Date 01/13/2023
Drawing No. LL501

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FOR PERMITTING ONLY, NOT FOR CONSTRUCTION