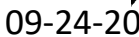




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October 29, 2020
WESTPORT
PLANNING BOARD

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SITE USE PLAN
0 DIVISION ROAD
WESTPORT, MA 02790

PROJECT NUMBER:
905-2046

| REV | DATE | DRAWN | CHECKED | RELEASE LEVEL |
|-----|----------|-------|---------|------------------------------------|
| | 02/19/20 | WS | DA | PLAN SET CREATION |
| | 04/06/20 | WS | DA | EDITS PER SITEC REVIEW |
| | 07/17/20 | WS | DA | EDITS PER PEER REVIEW |
| | 09/24/20 | WS | DMA | PLOT FOR SUBMISSION TO WESTPORT PB |
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SCALES STATED ON DRAWINGS
ARE VALID ONLY WHEN PLOTTE
ARCH D 24" X 36"

T-1

TITLE PAGE

REV 1.0

DESIGN ENGINEER
FIRM: BORREGO SOLAR
CONTACT: TIM LEE
PHONE: (978)-513-2625

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| SHEET NUMBER | SHEET TITLE |
| T-1 | TITLE PAGE |

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GENERAL CIVIL NOTES

APPROVALS (LARGE SCALE SOLAR SYSTEM)

1. SPECIAL PERMIT – DATE TBD
2. LOW IMPACT DEVELOPMENT PERMIT – DATE TBD
3. ORDER OF CONDITIONS – DATE TBD

GENERAL NOTES

1. AS CONTAINED HEREIN, "CONTRACTOR" IS ASSUMED TO BE BORREGO SOLAR SYSTEMS, INC., "SUBCONTRACTOR" IS BORREGO'S INSTALLATION SUBCONTRACTORS (INCLUDING SITE WORK SUBCONTRACTOR) AND CIVIL ENGINEER OF RECORD (CEOR) IS BORREGO SOLAR SYSTEMS IN-HOUSE CIVIL ENGINEER.
2. EXISTING CONDITIONS SURVEY INFORMATION WAS PREPARED BY NORTHEAST SURVEY CONSULTANTS AND PERFORMED ON MARCH 4, 2019. AN ADDITIONAL WAS SURVEY COMPLETED ON JANUARY 10, 2020. HORIZONTAL DATUM IS REFERENCED TO THE NAD83, MASSACHUSETTS MAINLAND COORDINATE SYSTEM. VERTICAL DATUM IS REFERENCED TO NAVD88.
3. THERE IS NO GUARANTEE THAT ALL THE EXISTING UTILITIES, WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT LIMITS ARE ON THIS DRAWING. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BEFORE STARTING WORK AND SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM THIS WORK. BEFORE COMMENCING WORK "DIG SAFE SYSTEM, INC." AT 1-888-344-7233 AND PROVIDE 72 HOURS NOTICE.
4. THE TOWN OF WESTPORT APPROVALS SHALL BE KEPT ON SITE AT ALL TIMES.
5. PRIOR TO CONSTRUCTING THE SITE ENTRANCES ONTO DIVISION ROAD THE CONTRACTOR SHALL OBTAIN A HIGHWAY/DRIVEWAY PERMIT FROM THE TOWN OF WESTPORT HIGHWAY DEPARTMENT.
6. THE CONTRACTOR SHALL ALLOW TOWN OFFICIALS ON SITE DURING CONSTRUCTION HOURS ONLY AND AS LONG AS ALL SAFETY MEASURES ARE IN PLACE.
7. THE CONTRACTOR SHALL CONTACT TOWN AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
8. SUBCONTRACTOR(S) SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
9. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE CONTRACTOR/CEOR FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION.
10. CONTRACTOR PARKING AREA(S) SHALL BE AS DESIGNATED ON THESE PLANS UNLESS OTHER AREAS APPROVED BY BORREGO SOLAR SITE SUPERINTENDENT. PARKING AREAS SHALL BE CONSTRUCTED USING A MINIMUM OF 6-INCHES OF GRAVEL 6-INCH MINUS) AND SURROUNDED BY AN ORANGE SNOW FENCE. POST-CONSTRUCTION THE PARKING AREA(S) SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS, INCLUDING, BUT NOT LIMITED TO REGRADING, LOAMING AND SEEDING. IN NO CASE SHALL PARKING AREAS, LAYDOWN AREAS, CONSTRUCTION TRAILERS, AND PORTABLE TOILETS BE LOCATED WITHIN A WETLAND RESOURCE AREA AND/OR ANY BUFFER ZONES.

SITE PREPARATION NOTES

1. PRIOR TO THE COMMENCEMENT OF TREE CLEARING ON THE SITE, THE LIMITS OF ALL TREE CLEARING WILL BE FIELD SURVEYED AND IDENTIFIED TO ENSURE NO TREES ARE CLEARED FURTHER INTO BUFFER ZONE/PROPERTY LINE SETBACKS THAN APPROVED BY THESE PLANS.
2. AREAS DESIGNATED FOR CLEARING SHALL BE CLEARED ONLY. NO GRUBBING OR STRIPPING OF TOPSOIL IS NECESSARY, UNLESS SPECIFICALLY SHOWN OTHERWISE AND APPROVAL HAS BEEN GIVEN BY THE CONTRACTOR.
3. TREE REMOVAL SHALL BE IN ACCORDANCE WITH APPROVED LOCAL, STATE, AND FEDERAL PERMITS. TREES TO BE REMOVED SHALL BE MARKED BY BORREGO PROJECT MANAGER OR SITE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORK ON-SITE.
4. THE SUBCONTRACTOR(S) IS/ARE RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO SUBCONTRACTOR(S) OPERATIONS.
5. ITEMS TO BE REMOVED THAT ARE NOT STOCKPILED FOR LATER REUSE ON THE PROJECT OR DELIVERED TO THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE SUBCONTRACTOR(S).
6. THE SUBCONTRACTOR(S) SHALL BE RESPONSIBLE FOR COORDINATING THEIR EFFORTS WITH ALL TRADES.
7. THE SUBCONTRACTOR(S) SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY.
8. THE SUBCONTRACTOR(S) SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MAN HOLES, CATCH BASINS HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE CONTRACTOR/CEOR.
9. TEMPORARY CONSTRUCTION ROADS (IF REQUIRED) SHALL BE EXCAVATED AND THE SUB-BASE COMPACTED TO 95% SPMD. THE USE OF SEPARATION FABRICS MAY BE USED TO FACILITATE FUTURE REMOVAL AND RECOVERY OF GRANULAR MATERIALS. ROAD(S) SHALL HAVE AT LEAST 9" OF 6-INCH MINUS STONE AND SHALL BE MAINTAINED DURING CONSTRUCTION. THESE TEMPORARY ROADS SHALL BE REMOVED POST-CONSTRUCTION AND THE GROUND DE-COMPACTED USING A YORK RAKE AND THEN RE-SEEDED.

EROSION AND SEDIMENT CONTROL MEASURES

1. A CONSTRUCTION GENERAL PERMIT SHALL BE IN PLACE PRIOR TO COMMENCING ANY EARTH DISTURBANCE. THE CGP PERMIT # IS TBD.
2. EROSION CONTROLS SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGED CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED EROSION CONTROL PLAN INCLUDING SCHEDULE FOR APPROVAL BY THE TOWN OF WESPTORT. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE.
3. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR DISTURBANCE AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
4. SEDIMENT BARRIERS SHALL BE INSPECTED AND APPROVED BY THE TOWN OF WESTPORT OR THEIR REPRESENTATIVE AND THE CONTRACTOR/CEOR BEFORE CONSTRUCTION CAN START.
5. STRAW BALES AND MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS GROWTH, FREE OF NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY WHEN INSTALLED.
6. THE UNDERSIDE OF STRAW BALES SHOULD BE KEPT IN CLOSE CONTACT (TRENCHED IN 3-INCHES MINIMUM) WITH THE EARTH AND RESET AS NECESSARY.
7. DISTURBED AREAS SHALL BE BLANKETED OR SEEDED AND MULCHED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE BLANKETED OR SEEDED AND MULCHED WITHIN 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING.
8. STABILIZE SLOPES GREATER THAN 3:1 (HORIZONTAL: VERTICAL) WITH SEED, SECURED

- GEOTEXTILE FABRIC, SPRAYED COMPOST BLANKET, OR RIP-RAP AS REQUIRED TO PREVENT EROSION DURING CONSTRUCTION. REFER TO PLANS FOR LOCATIONS.
9. WITHIN SEVEN (7) DAYS SEDIMENT BARRIERS SHALL BE CONSTRUCTED AROUND ALL SOIL STOCKPILE AREAS.
 10. CLEAN OUT PROJECT DRAINAGE FEATURES AND STRUCTURES (I.E. CULVERTS, BASINS, SWALES, ETC.) AFTER COMPLETION OF CONSTRUCTION. IF CLOGGED THESE FEATURES/STRUCUTRE SHALL BE REMOVED AND REPLACED WITH CLEAN MATERIALS.
 11. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE SEDIMENT CONTROL MEASURE.
 12. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE SUBCONTRACTOR(S) SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AT THE CONTRACTOR/CEOR DIRECTION.
 13. AFTER THE REMOVAL OF TEMPORARY EROSION CONTROL MEASURES, THE SUBCONTRACTOR(S) SHALL GRADE AND SEED AREA OF TEMPORARY EROSION CONTROL MEASURE.
 14. DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION OR AS DIRECTED BY THE CONTRACTOR/CEOR.
 15. THE CONTRACTOR'S SITE SUPERINTENDENT IS RESPONSIBLE FOR DAILY INSPECTIONS, MAINTENANCE, AND DIRECTING REPAIR ACTIVITIES. IN ACCORDANCE WITH THE NPDES REQUIREMENTS. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES ONCE EVERY SEVEN (7) CALENDAR DAYS AND ONCE EVERY FOURTEEN (14) DAYS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/4 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 48 HOURS.
 16. PIPE OUTLETS (IF ANY) SHALL BE STABILIZED WITH STONE. REFER TO DETAILS.
 17. TEMPORARY SEEDING SHALL BE AT A RATE OF 45 LBS PER ACRE UNLESS OTHERWISE RECOMMENDED BY SEED SUPPLIER. ERODABLE AREAS OUTSIDE AND DOWN SLOPE FROM THE CONSTRUCTION LIMITS SHALL BE SIMILARLY SEEDED. REFER TO REVEGETATION PLAN FOR SEEDING SPECIFICATIONS.
 18. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED. DEWATERING PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE CEOR AND ADDED TO THE SWPPP.
 19. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION/SEDIMENTATION CONTROL MEASURES MAY BE REQUIRED BY CONTRACTOR/CEOR.
 20. GRAVEL ROADS AND ACCESS DRIVES OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
 21. NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. NO RE-FUELING SHALL OCCUR WITHIN 100 FEET OF ANY WETLAND RESOURCE AREA AND 200 FEET FROM RIVERFRONT. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
 22. THE COST OF REPAIRING EROSION CONTROL MEASURES OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
 23. EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL. CONTRACTOR SHALL PROVIDE TO THE CONSERVATION COMMISSION MEASURES (EROSION AND SEDIMENTATION CONTROL) FOR WORK DURING WINTER CONDITIONS.
 24. CONTRACTOR SHALL SPRAY WATER FROM A WATER TRUCK ON DRY AND WINDY DAYS TO PREVENT DUST FROM FORMING.
 25. EROSION CONTROL MEASURES AS SHOWN ON THESE DRAWINGS IS INTENDED TO CONVEY MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL MEASURES AS NECESSARY TO PREVENT SOIL EROSION AND TO COMPLY WITH THE PROJECT'S CONSTRUCTION GENERAL PERMIT STORMWATER POLLUTION PREVENTION PLAN.
 26. SOILS ON SLOPES THAT ARE STEEPER THAN 3:1 SHALL BE ROUGHENED PER THE EPA'S NPDES SOIL ROUGHENING FACT SHEET IF THEY ARE TO BE SEEDED WITHIN 2 WEEKS OF DISTURBANCE. IF NOT, EROSION CONTROL BLANKETS SHOULD BE INSTALLED ON THESE SLOPES.

LAYOUT AND MATERIAL NOTES

1. BENCHMARKS TO BE USED FOR CONSTRUCTION LAYOUT ARE:

BENCHMARK #1: TBD

BENCHMARK #2: TBD

THE FOLLOWING LAYOUT CRITERIA SHALL CONTROL UNLESS OTHERWISE NOTED ON THE PLAN:

- a. TIES TO PROPERTY LINES ARE PERPENDICULAR TO THE PROPERTY LINE UNLESS OTHERWISE NOTED.
- b. DIMENSIONS TO RACKING SHALL BE TO TOP OF SOLAR PANEL OR LEADING EDGE.
- c. DISTANCES AND DIMENSIONS ARE IN DECIMAL FEET.

2. SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS REQUIRED. AMBIGUITIES IN THE PLANS SHALL BE CLARIFIED BY THE CEOR OR SITE SUPERINTENDENT.
3. THE CONTRACTOR SHALL HAVE ELECTRICAL TRENCHES AND RACKING STAKED OUT BY A LICENSED LAND SURVEYOR PRIOR TO ANY INSTALLATION OF RACKING OR TRENCHES.
4. EXCESS TRENCH MATERIAL SHALL BE PLACED ON THE SIDES OF THE TRENCH AND PLACED AT OR NEAR THE SAME LOCATION AS WHERE EXCAVATED. TOPSOIL REMOVED SHALL BE PLACED ON TOP AND LIGHTLY COMPACTED.

GRADING AND UTILITY NOTES

1. PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT, BOTH ON AND OFF THE SITE, THE CONTRACTOR SHALL NOTIFY DIG-SAFE AND BE PROVIDED WITH A TICKET NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
2. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE CONTRACTOR. THE SUBCONTRACTOR(S) SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES.
3. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE SUBCONTRACTOR(S), AND THE INFORMATION FURNISHED TO THE CONTRACTOR/CEOR FOR RESOLUTION OF THE CONFLICT.

4. UTILITY-OWNED EQUIPMENT ON ELECTRICAL POLES TO BE INSTALLED WILL CONSIST OF METERING EQUIPMENT. THE UTILITY SHALL OVERSEE THE PERMITTING OF THE EQUIPMENT. SEE PLANS FOR DETAILS OF INSTALLATION AND LAYOUT OF POLES.
5. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE SUBCONTRACTOR(S) OPERATIONS SHALL BE RESTORED BY THE SUBCONTRACTOR(S) TO THEIR ORIGINAL CONDITION, AT THE SUBCONTRACTOR(S) EXPENSE.
6. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE ELECTRIC UTILITY COMPANY. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITY CONNECTIONS WITH THE RESPECTIVE COMPANIES PRIOR TO ANY UTILITY CONSTRUCTION.
7. GRADES MEET EXISTING GRADES, SUBCONTRACTOR(S) SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
8. SUBCONTRACTOR(S) SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
9. MAXIMUM LONGITUDINAL SLOPES SHALL NOT EXCEED 10:1 ALONG GRAVEL ROADS (UNLESS SHOWN OTHERWISE) AND WITHIN FENCED SOLAR ARRAY AREAS, AND 3:1 IN ALL OTHER DISTURBED AREAS, UNLESS OTHERWISE NOTED.
10. SUBCONTRACTOR(S) SHALL VERIFY EXISTING GRADES AND NOTIFY THE CONTRACTOR/CEOR OF ANY DISCREPANCIES.

INVASIVE SPECIES PLAN

1. STEM CUTTING IS THE PREFERRED METHOD OF TREATMENT OF INVASIVE SPECIES. IT SHOULD OCCUR PRIOR TO LEAF OUT IN EARLY SPRING OR FALL.
2. FOR TREATMENT OF ORIENTAL BITTERSWEET REFER TO NRCS FACT SHEETS FOR RECOMMENDED TREATMENTS/SCHEDULES.
3. ALL HERBICIDES SHALL BE SUBMITTED TO THE TOWN OF WESTPORT CONSERVATION COMMISSION PRIOR TO WORK COMMENCING. ALL HERBICIDES USED SHALL BE AQUATIC SAFE AND TREATMENT SHALL BE APPLIED BY A CERTIFIED APPLICATOR.

PHASE I

- HOLD A PRE-CONSTRUCTION MEETING WITH THE TOWN OFFICIALS PRIOR TO ANY SITE DISTURBANCE.
- INSTALL CONSTRUCTION EXIT ONTO DIVISION ROAD.
- INSTALL SEDIMENTATION CONTROL ALONG OUTSIDE OF PROPOSED FENCE AT THE LIMIT OF CLEARING.
- APPLICANT TO CONTACT THE TOWN OF WESTPORT CONSERVATION COMMISSION A MINIMUM OF TWO (2) DAYS PRIOR TO FINAL SEDIMENTATION CONTROL COMPLETION.
- SURVEY TREE CLEARING LIMITS AND IDENTIFY APPROPRIATELY
- CUT AND CLEAR TREES
- TUB GRIND STUMPS AND STOCKPILE WOOD GRINDINGS ON SITE. USE FOR WOOD STRAND BERM WHERE SHOWN.
- LAYOUT GRAVEL ACCESS ROAD.

PHASE II

- EXCAVATE ELECTRICAL TRENCHES.
- INSTALL SOLAR MODULE RACKING WORKING.
- CONSTRUCT CONCRETE WASHOUTS.
- EXCAVATE AND POUR ELECTRICAL EQUIPMENT PADS.
- INSTALL PERIMETER SECURITY FENCE.

PHASE III

- HYDROSEED DISTURBED AREAS ONCE WORK IN THESE AREAS ARE COMPLETED. [COMPLETED MEANS THAT VEHICULAR TRAFFIC IS NO LONGER NECESSARY].
- REMOVE EROSION/SEDIMENT CONTROL MEASURES ONCE PROPER STABILIZATION IS ACHIEVED.
- APPLICANT TO CONTACT TOWN OF WESTPORT PLANNING DEPARTMENT AND CONSERVATION COMMISSION A MINIMUM OF TWO (2) DAYS PRIOR TO PROJECT COMPLETION.
- CONTRACTOR TO COMPLETE AN AS-BUILT (RECORD) SURVEY OF THE PROJECT AREA.



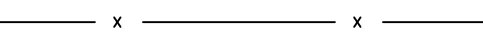







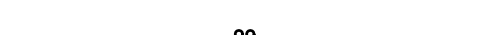









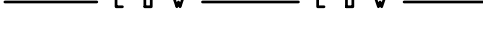
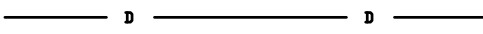








INVASIVE SPECIES TREATMENT TO OCCUR IN SPRING OR FALL DEPENDING ON PROJECT COMMENCEMENT.

ABBREVIATIONS

| | |
|------|--|
| BC | BOTTOM OF CURB |
| BWV | BORDERING VEGETATED WETLANDS |
| CB | CATCH BASIN |
| CLF | CHAIN LINK FENCE |
| DIP | DUCTILE IRON PIPE |
| DMH | DRAIN MANHOLE |
| ECB | EROSION CONTROL BARRIER |
| FES | FLARED END SECTION |
| FH | FIRE HYDRANT |
| FOC | FACE OF CURB |
| GG | GAS GATE |
| HW | HEADWALL |
| ILSF | ISOLATED LANDS SUBJECT TO FLOODING |
| ISW | ISOLATED WETLANDS (FEDERAL JURISDICTION) |
| LA | LANDSCAPED AREA |
| LOW | LIMIT OF WORK |
| NTS | NOT TO SCALE |
| OCS | OUTLET CONTROL STRUCTURE |
| PCC | PRECAST CONCRETE CURB |
| RPC | REINFORCED CONCRETE PIPE |
| SLC | STREET LIGHT CIRCUIT |
| SMH | SEWER MANHOLE |
| TC | TOP OF CURB |
| TEL | TELEPHONE CABLE |
| VGC | VERTICAL GRANITE CURB |
| WG | WATER GATE |

REV 1.0

LEGEND

| | |
|---|---------------------------------|
|  | SOLAR MODULES |
|  | ROAD (GRAVEL) |
|  | FENCE LINE |
|  | PROPERTY LINE |
|  | FLOW DIRECTION |
|  | BANK LINE/FLAG |
|  | WETLAND LINE/FLAG |
|  | (E) MAJOR CONTOUR |
|  | (E) MINOR CONTOUR |
|  | PROPOSED MAJOR CONTOUR |
|  | PROPOSED MINOR CONTOUR |
|  | 100' WETLAND BUFFER ZONE |
|  | 200' RIVERFRONT AREA |
|  | 100-YEAR FLOOD LINE |
|  | WATER RESOURCE OVERLAY DISTRICT |
|  | EDGE OF WATER |
|  | TREELINE |
|  | STONE WALL |
|  | SILT FENCE |
|  | LIMIT OF WORK |
|  | DRAIN PIPE |
|  | ELECTRICAL TRENCH |
|  | OVERHEAD ELECTRIC |
|  | SEWER LINE |
|  | WATER LINE |
|  | GAS MAIN |
|  | OMITTED MODULE |
|  | SPARE MODULE |
|  | NON-ACTIVE MODULE |
| SB/DH | STONE BOUND DRILL/HOLE |
| N/F | NOW OR FORMERLY |
| IP | IRON PIPE |
|  | ASSESSORS MAP-LOT |
| CB/DH | CONCRETE BOUNDDRILL/HOLE |
| DH | DRILLHOLE |
| FND | FOUND |
| CMP | CORRUGATED METAL PIPE |
| BIT CONC | BITUMINOUS CONCRETE |
| RET WALL | RETAINING WALL |

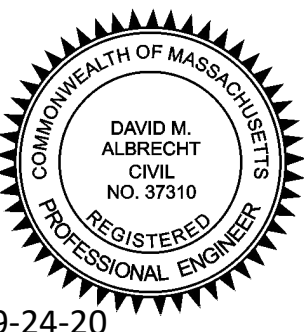
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David Albrecht

SITE USE PLAN
0 DIVISION ROAD
WESTPORT, MA 02790

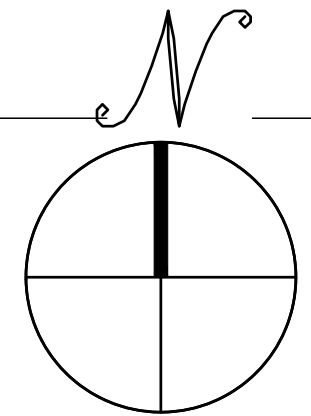
PROJECT NUMBER:
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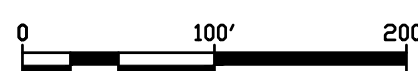
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CIVIL NOTES

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EXISTING CONDITIONS PLAN

SCALE: 1" = 100'



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NOT FOR CONSTRUCTION

DAVID M. ALBRECHT
CIVIL
NO. 37910
REGISTERED PROFESSIONAL ENGINEER
09-24-20

David Albrecht

SITE USE PLAN
0 DIVISION ROAD
WESTPORT, MA 02790

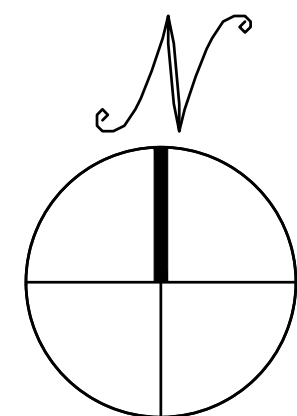
PROJECT NUMBER:
905-2046

| REV | DATE | DRAWN | CHECKED | RELEASE LEVEL |
|-----|----------|-------|---------|------------------------------------|
| 01 | 04/19/20 | WS | DA | PLAN SET CREATION |
| 02 | 04/06/20 | WS | DA | EDITS PER SITEC REVIEW |
| 03 | 07/17/20 | WS | DA | EDITS PER PEER REVIEW |
| 04 | 09/24/20 | WS | DNA | PLOT FOR SUBMISSION TO WESTPORT PB |

SCALES STATED ON DRAWINGS ARE VALID ONLY WHEN PLOTTED ARCH D 24" X 36"

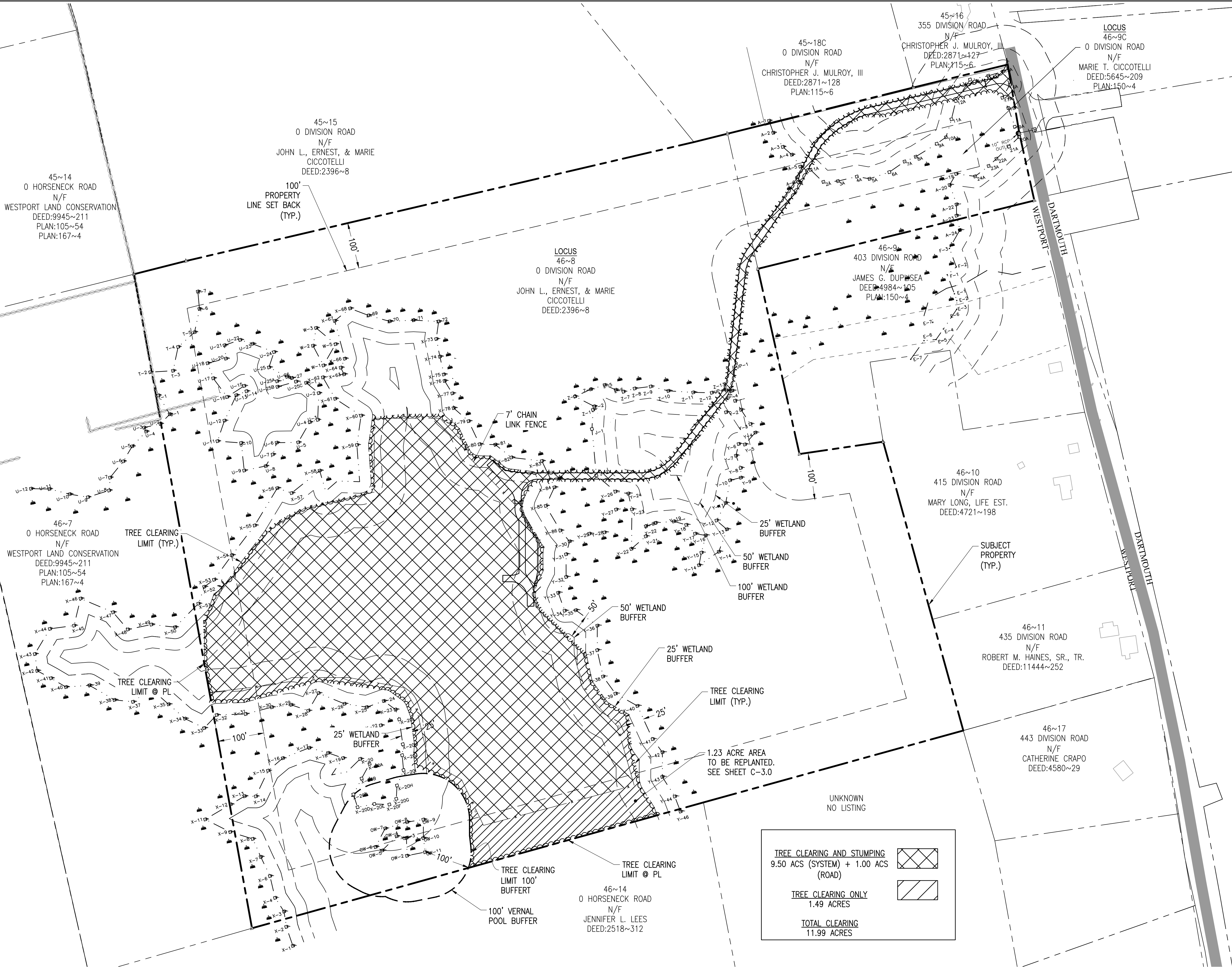
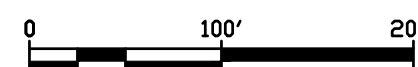
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EXISTING CONDITIONS PLAN

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TREE CLEARING PLAN

SCALE: 1" = 100'



| | |
|-------------------------------------|--|
| TREE CLEARING AND STUMPING | |
| 9.50 ACS (SYSTEM) + 1.00 ACS (ROAD) | |
| TREE CLEARING ONLY | |
| 1.49 ACRES | |
| TOTAL CLEARING | |
| 11.99 ACRES | |

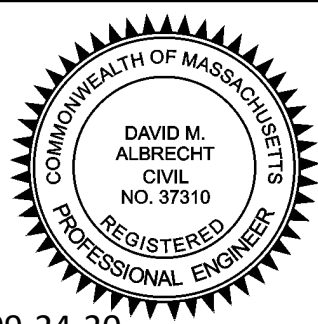
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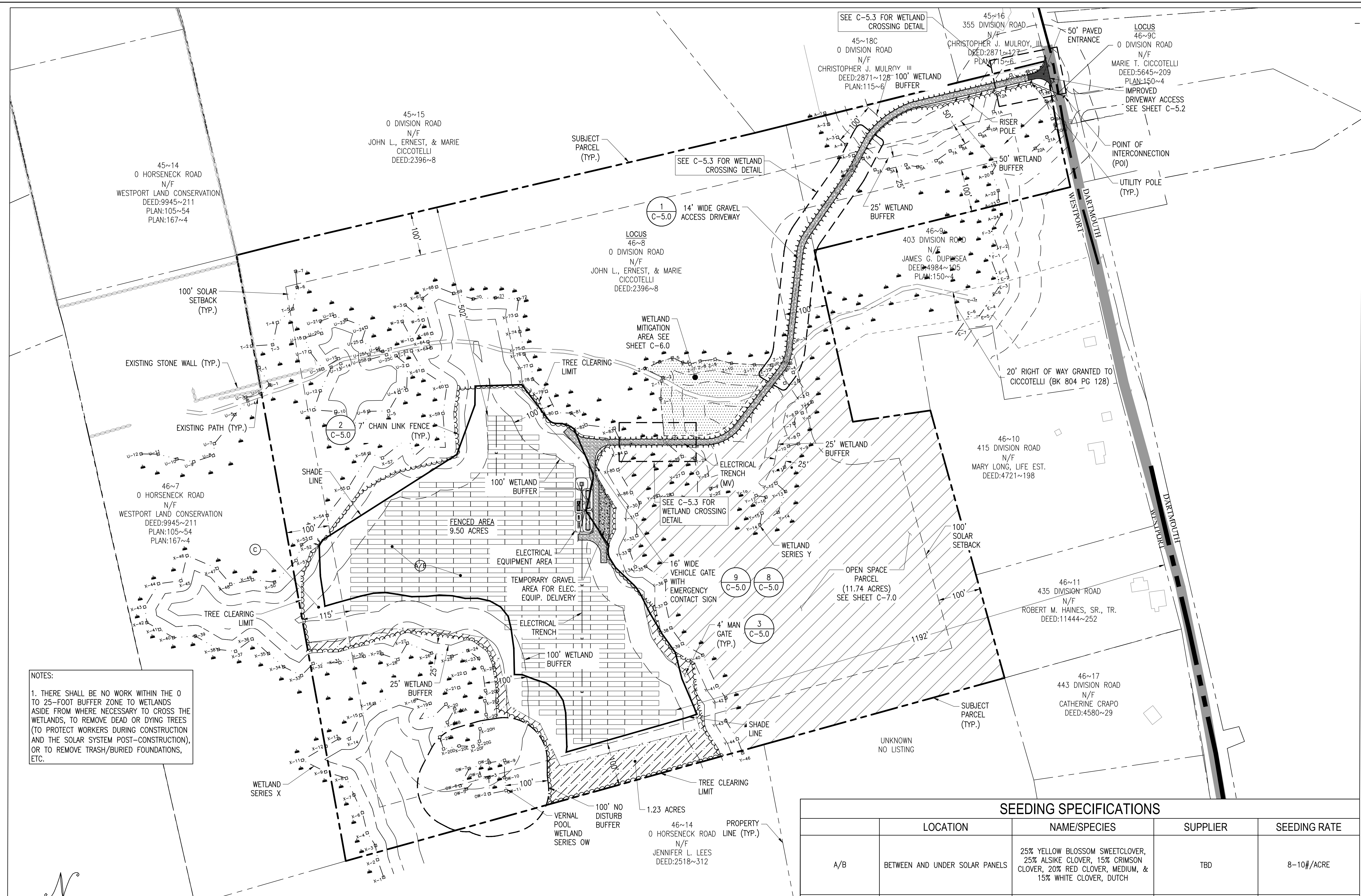
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ARE VALID ONLY WHEN PLOTTED
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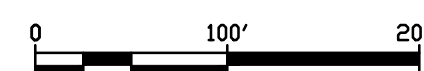
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TREE CLEARING PLAN



LAYOUT AND MATERIALS PLAN

SCALE: 1" = 100'



SEEDING SPECIFICATIONS

| | LOCATION | NAME/SPECIES | SUPPLIER | SEEDING RATE |
|-----|-------------------------------------|--|---|--------------|
| A/B | BETWEEN AND UNDER SOLAR PANELS | 25% YELLOW BLOSSOM SWEETCLOVER, 25% ALSIKE CLOVER, 15% CRIMSON CLOVER, 20% RED CLOVER, MEDIUM, & 15% WHITE CLOVER, DUTCH | TBD | 8-10#/ACRE |
| C | OUTSIDE OF FENCE/PERIMETER OF ARRAY | WILDFLOWER SEED MIX | ERNST SHOWY NORTHEAST NATIVE WILDFLOWER MIX | 10#/ACRE |

1. BETWEEN DECEMBER 1ST AND APRIL 1ST, EACH TYPE OF SEED SHALL HAVE AN ADDITIONAL 1#/1,000 SF OF WINTER RYEGRASS OR GRAIN RYE GRASS SEED.
2. IT SHALL BE THE SUB-CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE PROJECT LIMIT OF WORK IS STABILIZED (IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS/REQUIREMENTS/PERMIT APPROVALS) DURING THE LENGTH OF THE PROJECT.
3. ALL DISTURBED AREAS SHALL BE RESTORED WITH 4" MINIMUM TOPSOIL & SEED PER SEEDING SPECIFICATIONS LISTED IN THIS TABLE.

BUFFER ZONE IMPACTS - ARRAY

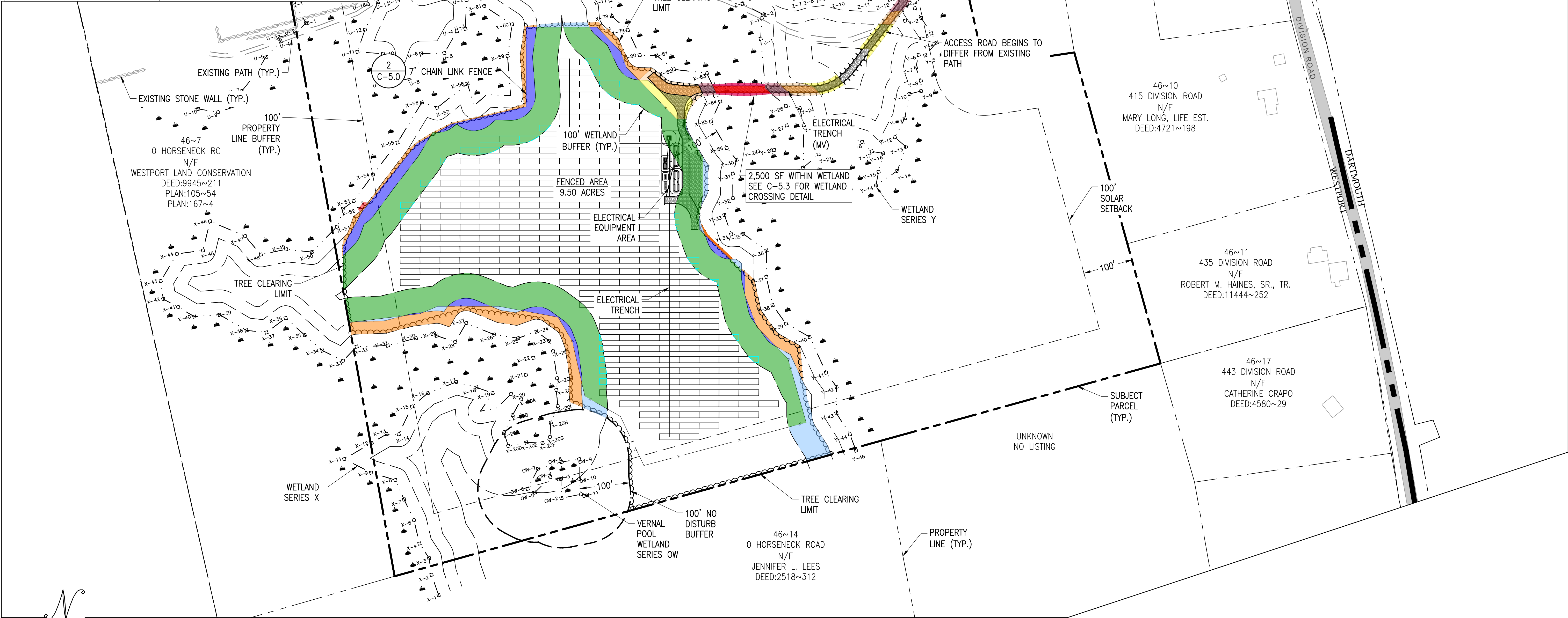
| | 0' - 25' | 25' - 50' | 50' - 100' |
|---|----------|-----------|------------|
| STORMWATER OUTLET | 160 | 0 | 0 |
| TREE CLEARING (OUTSIDE FENCE) | 0 | 23,539 | 10,123 |
| TREE CLEARING (INSIDE FENCE) | 0 | 15,881 | 113,554 |
| SOLAR PANEL | 0 | 0 | 5,565 |
| TOTAL (SQUARE FEET) | 160 | 39,420 | 131,942 |
| TOTAL (ACRES) | 0.00 | 0.91 | 3.03 |
| TOTAL AREA OF 100' BUFFER ZONE ON SITE: 12.06 ACRES | | | |

BUFFER ZONE IMPACTS - ROAD

| | 0' - 25' | 25' - 50' | 50' - 100' |
|---------------------|----------|-----------|------------|
| TREE CLEARING | 2,422 | 2,806 | 4,924 |
| GRAVEL ROAD | 2,877 | 4,241 | 4,548 |
| TOTAL (SQUARE FEET) | 5,299 | 7,047 | 9,472 |
| TOTAL (ACRES) | 0.12 | 0.16 | 0.22 |

DIRECT WETLAND IMPACT

| LOCATION | WEST | CENTER | EAST |
|---------------------|-------|--------|-------|
| TREE CLEARING | 1,029 | 5,076 | 2,093 |
| GRAVEL ROAD | 1,471 | 7,021 | 1,498 |
| TOTAL (SQUARE FEET) | | 18,188 | |
| TOTAL (ACRES) | | 0.42 | |

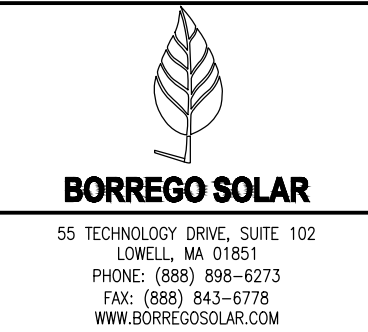


WETLANDS IMPACT PLAN

SCALE: 1" = 100'



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09-24-20

David Albrecht

SITE USE PLAN
0 DIVISION ROAD
WESTPORT, MA 02790

PROJECT NUMBER:
905-2046

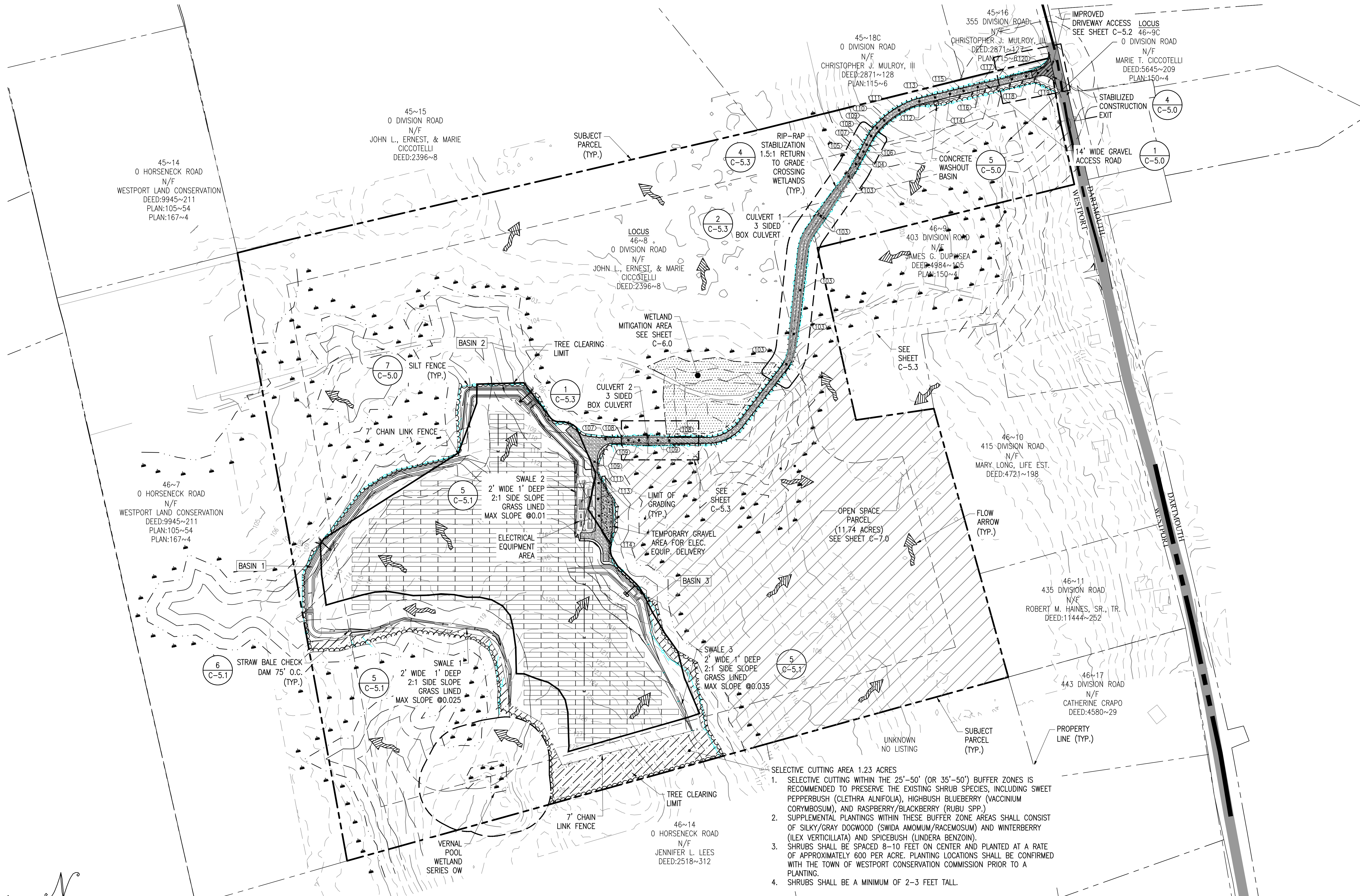
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C-3.1
WETLANDS IMPACT PLAN

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GRADING AND EROSION CONTROL PLAN

SCALE: 1" = 100'

- SELECTIVE CUTTING AREA 1.23 ACRES
1. SELECTIVE CUTTING WITHIN THE 25'-50' (OR 35'-50') BUFFER ZONES IS RECOMMENDED TO PRESERVE THE EXISTING SHRUB SPECIES, INCLUDING SWEET PEPPERBUSH (CLETHRA ALNIFOLIA), HIGHBUSH BLUEBERRY (VACCINIUM CORYMBOSUM), AND RASPBERRY/BLACKBERRY (RUBUS SPP.).
 2. SUPPLEMENTAL PLANTINGS WITHIN THESE BUFFER ZONE AREAS SHALL CONSIST OF SILKY/GRAY DOGWOOD (SWIDA AMOMUM/RACEMOSUM) AND WINTERBERRY (ILEX VERTICILLATA) AND SPICEBUSH (LINDERA BENZOIN).
 3. SHRUBS SHALL BE SPACED 8-10 FEET ON CENTER AND PLANTED AT A RATE OF APPROXIMATELY 600 PER ACRE. PLANTING LOCATIONS SHALL BE CONFIRMED WITH THE TOWN OF WESTPORT CONSERVATION COMMISSION PRIOR TO A PLANTING.
 4. SHRUBS SHALL BE A MINIMUM OF 2-3 FEET TALL.

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09-24-20

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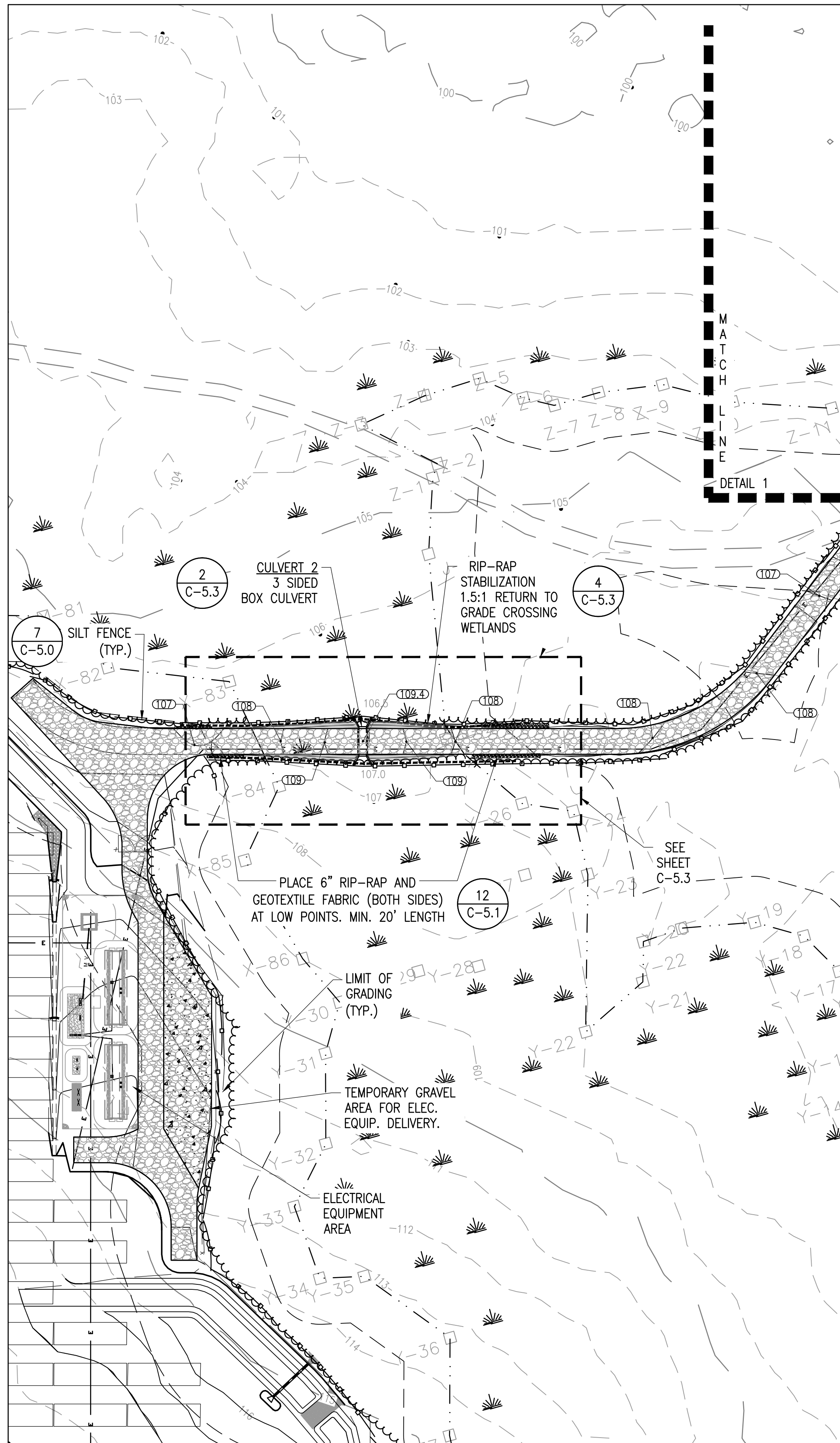
SITE USE PLAN
0 DIVISION ROAD
WESTPORT, MA 02790

PROJECT NUMBER:
905-2046

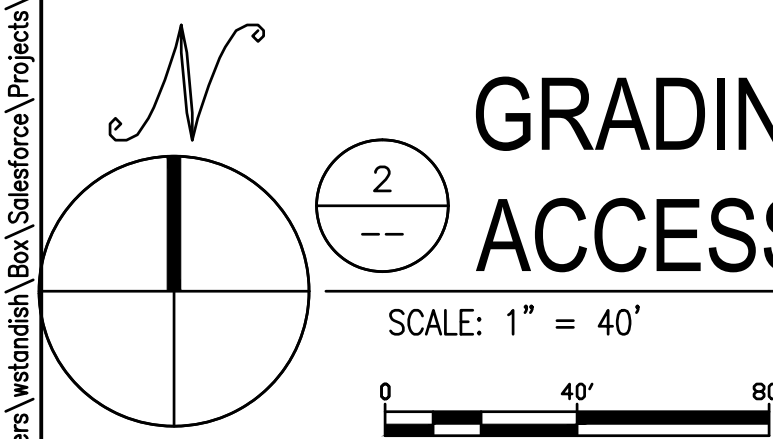
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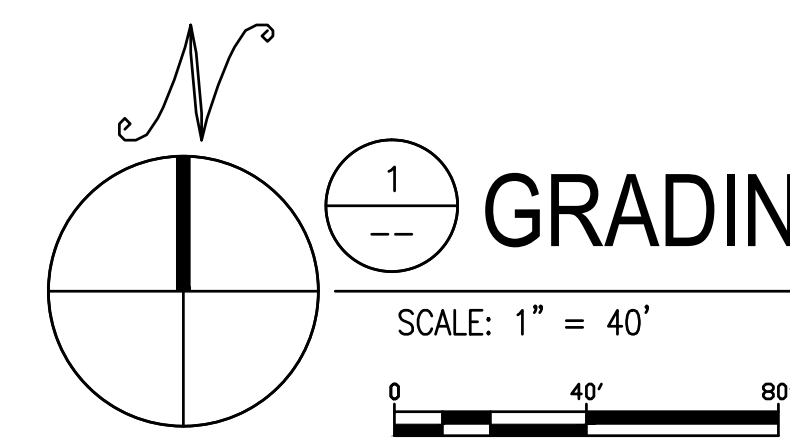
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GRADING AND EROSION CONTROL PLAN



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GRADING AND EROSION CONTROL PLAN- ACCESS ROAD-WESTERLY ROAD



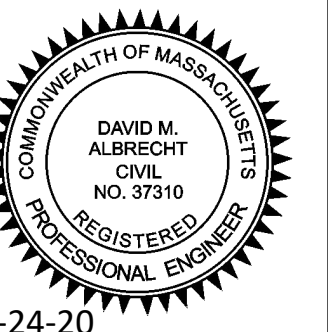
GRADING AND EROSION CONTROL PLAN- ACCESS ROAD-EASTERLY ROAD

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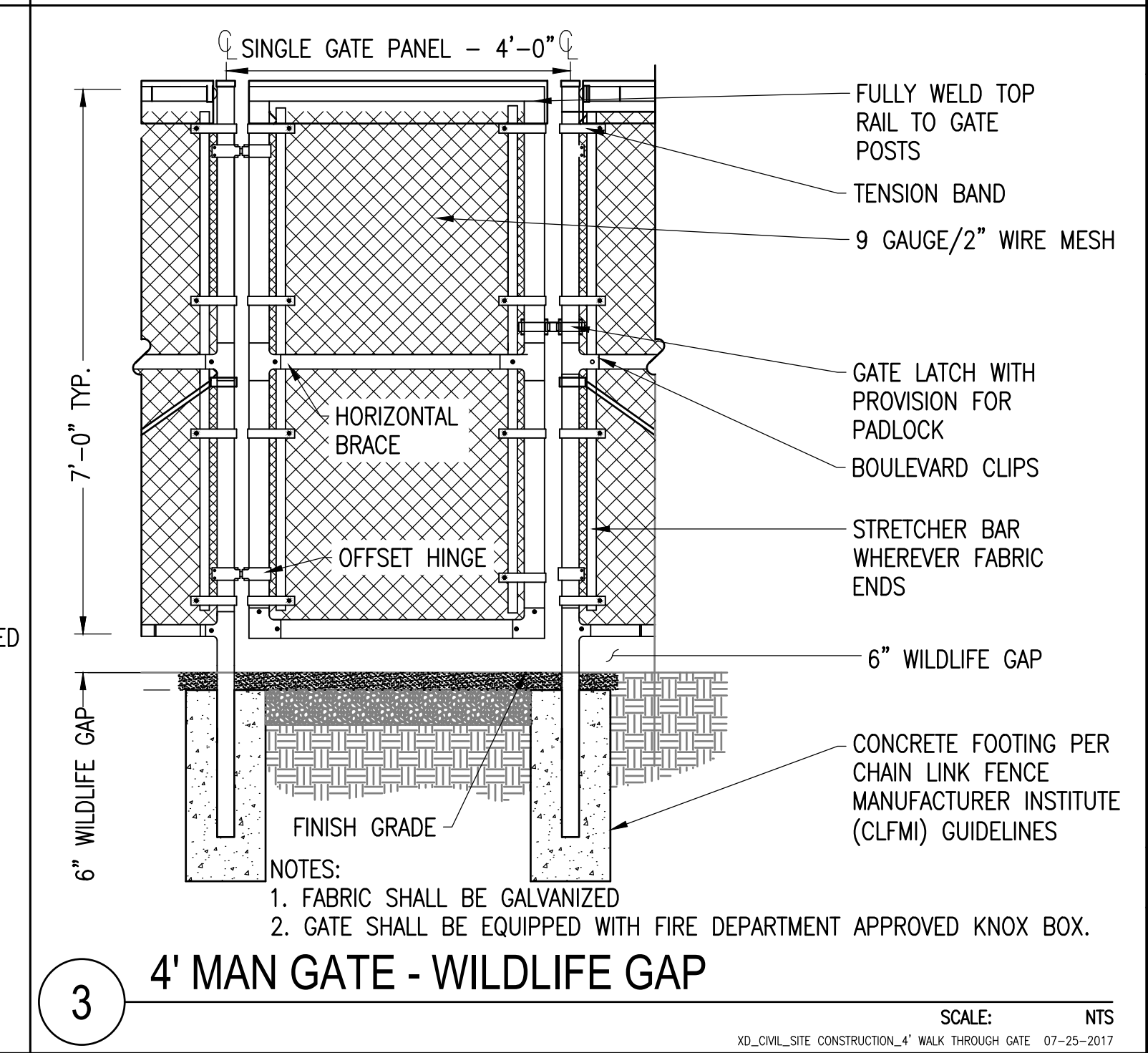
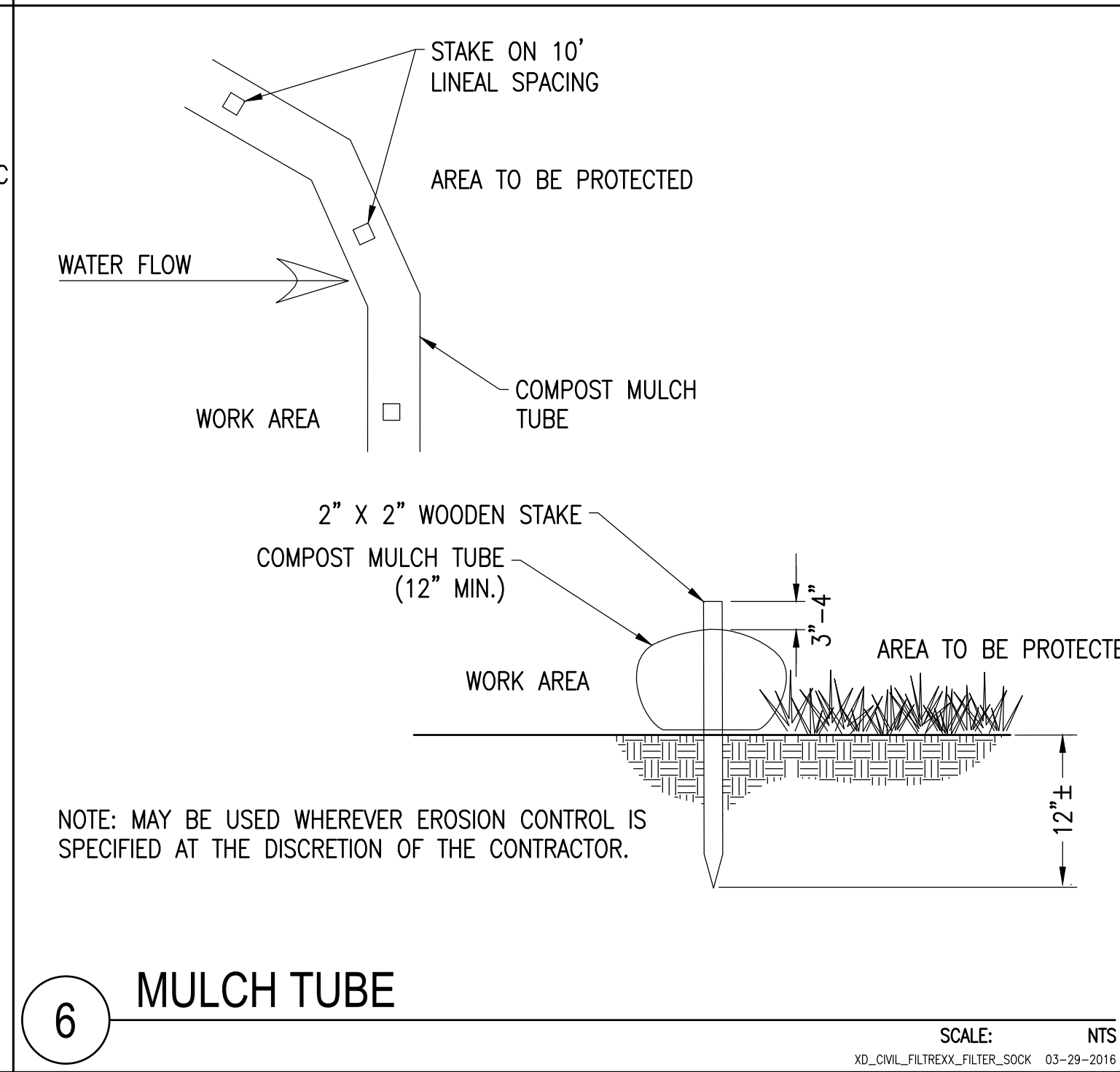
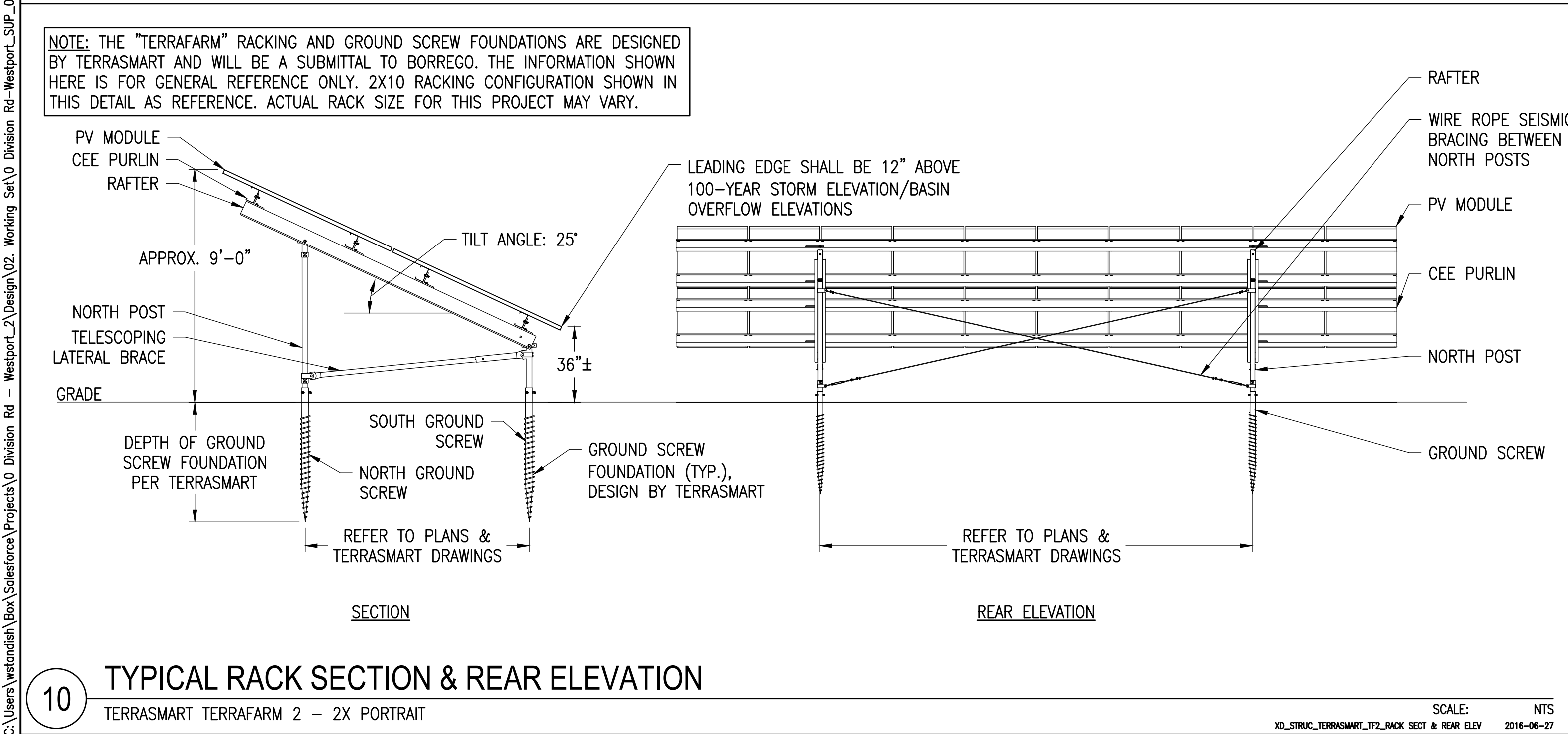
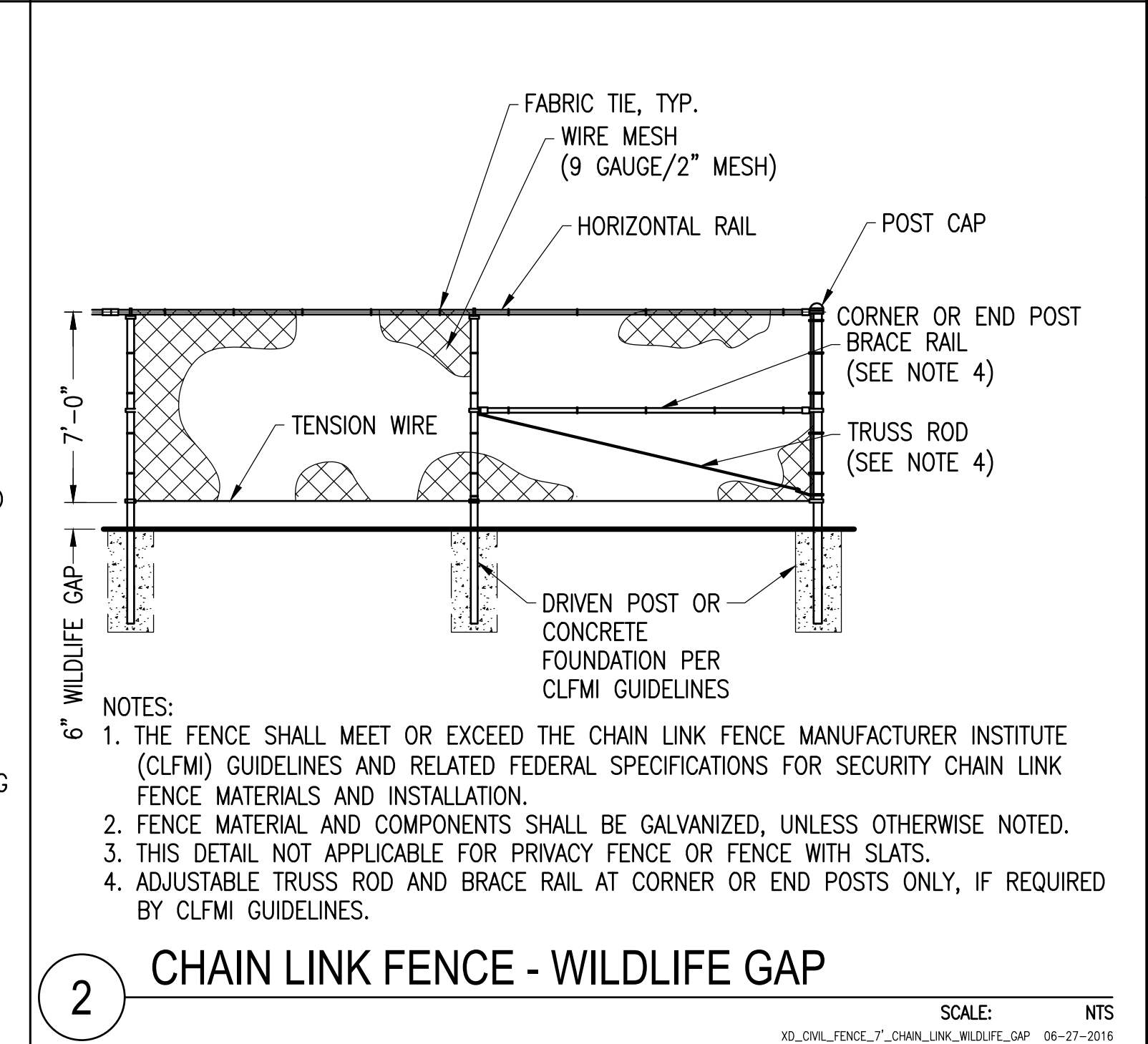
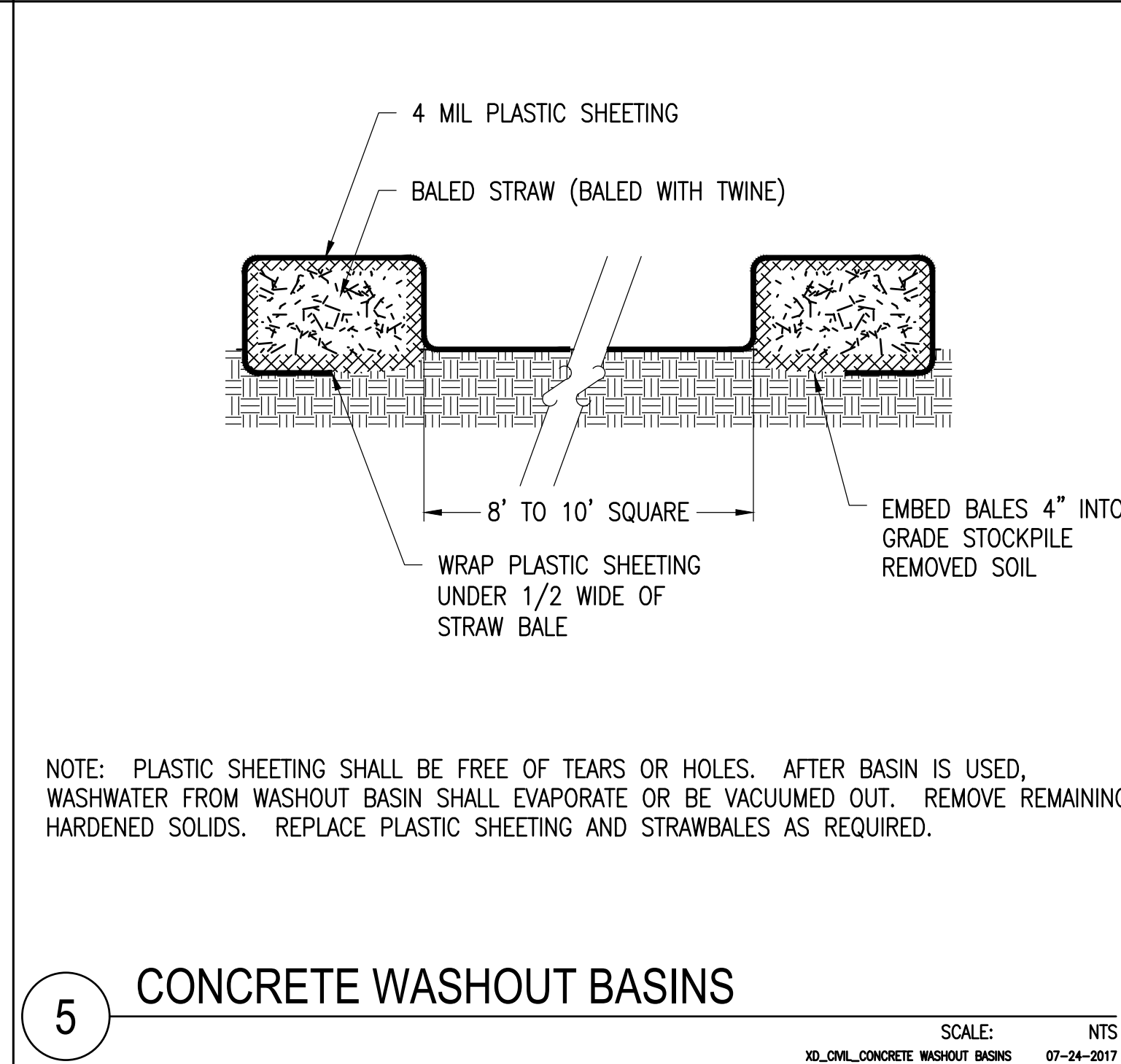
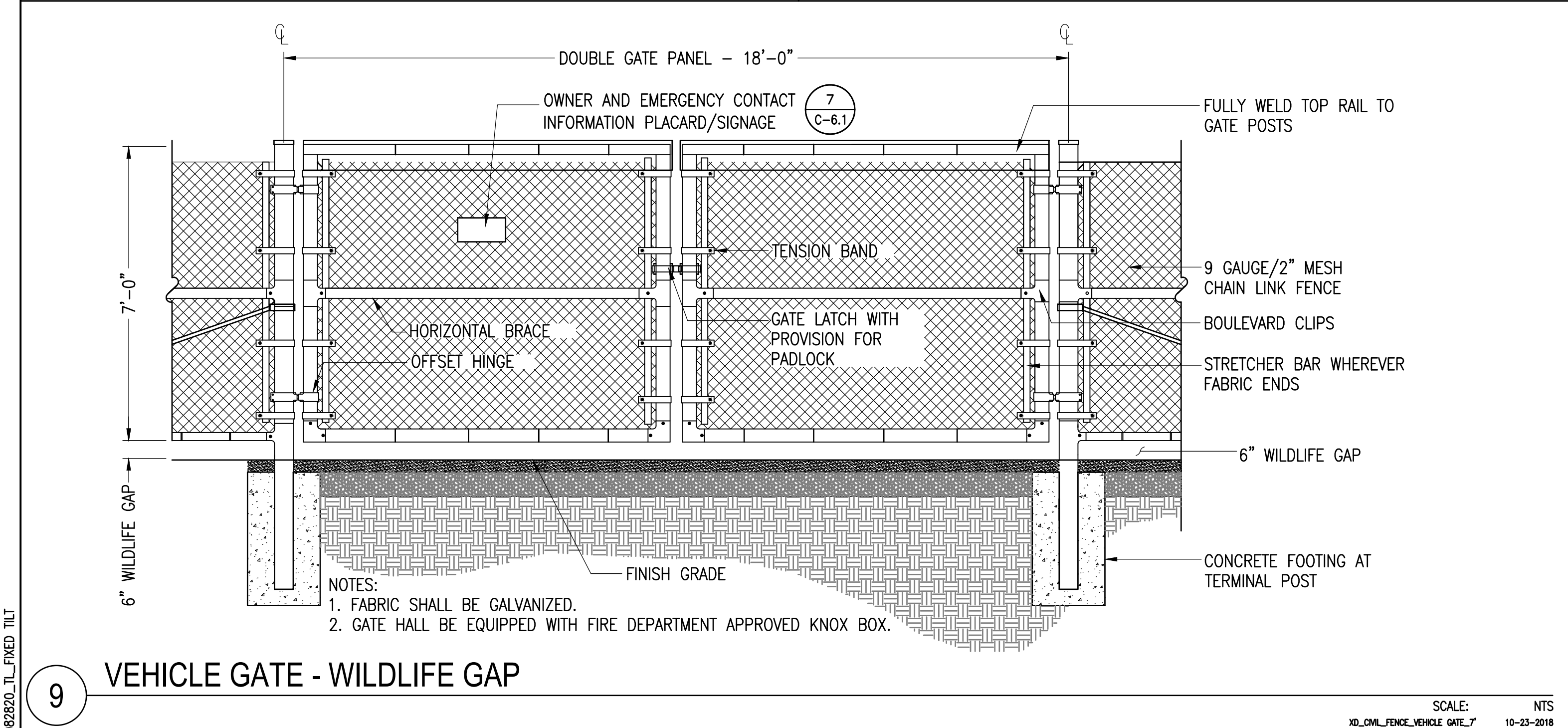
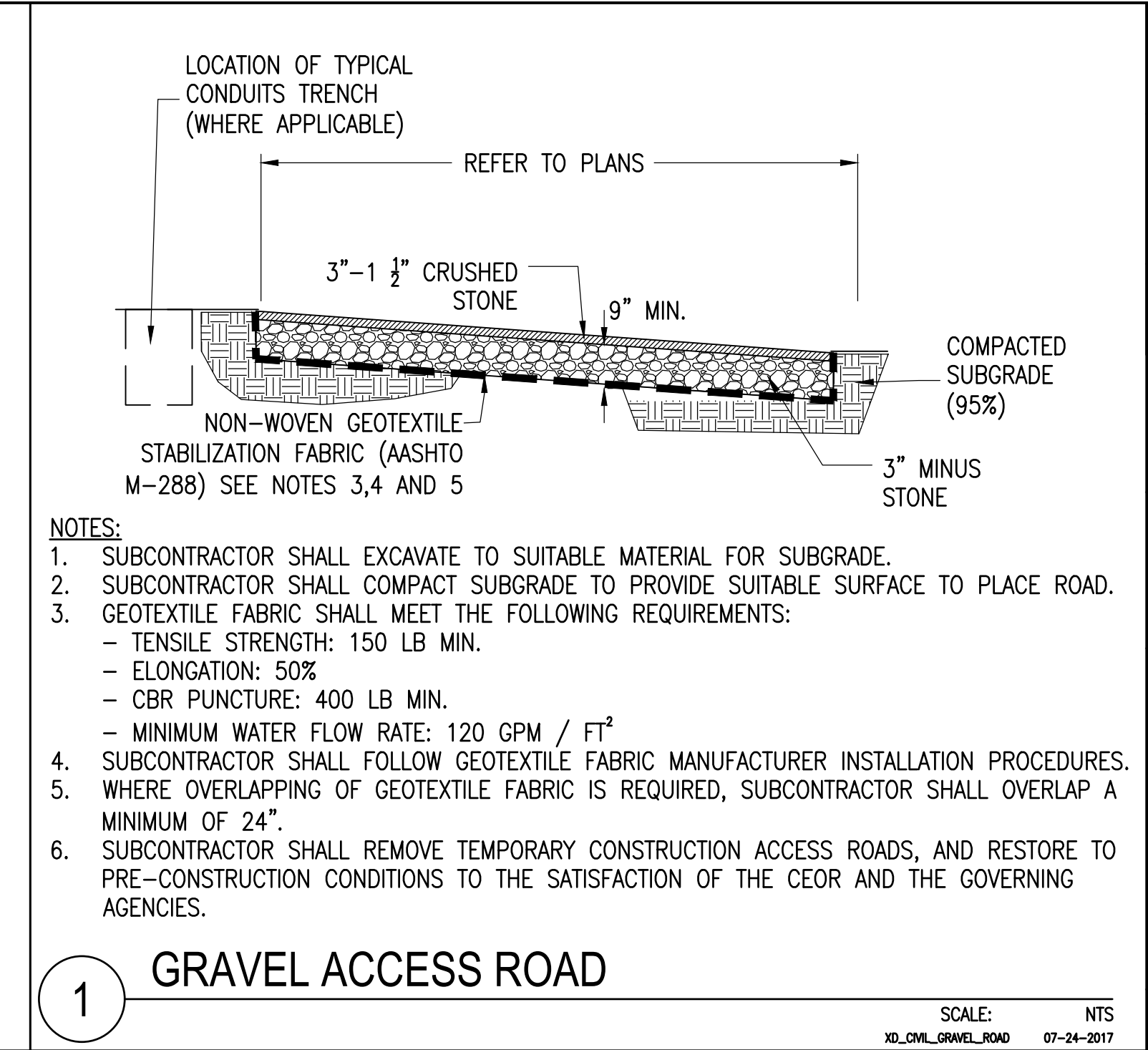
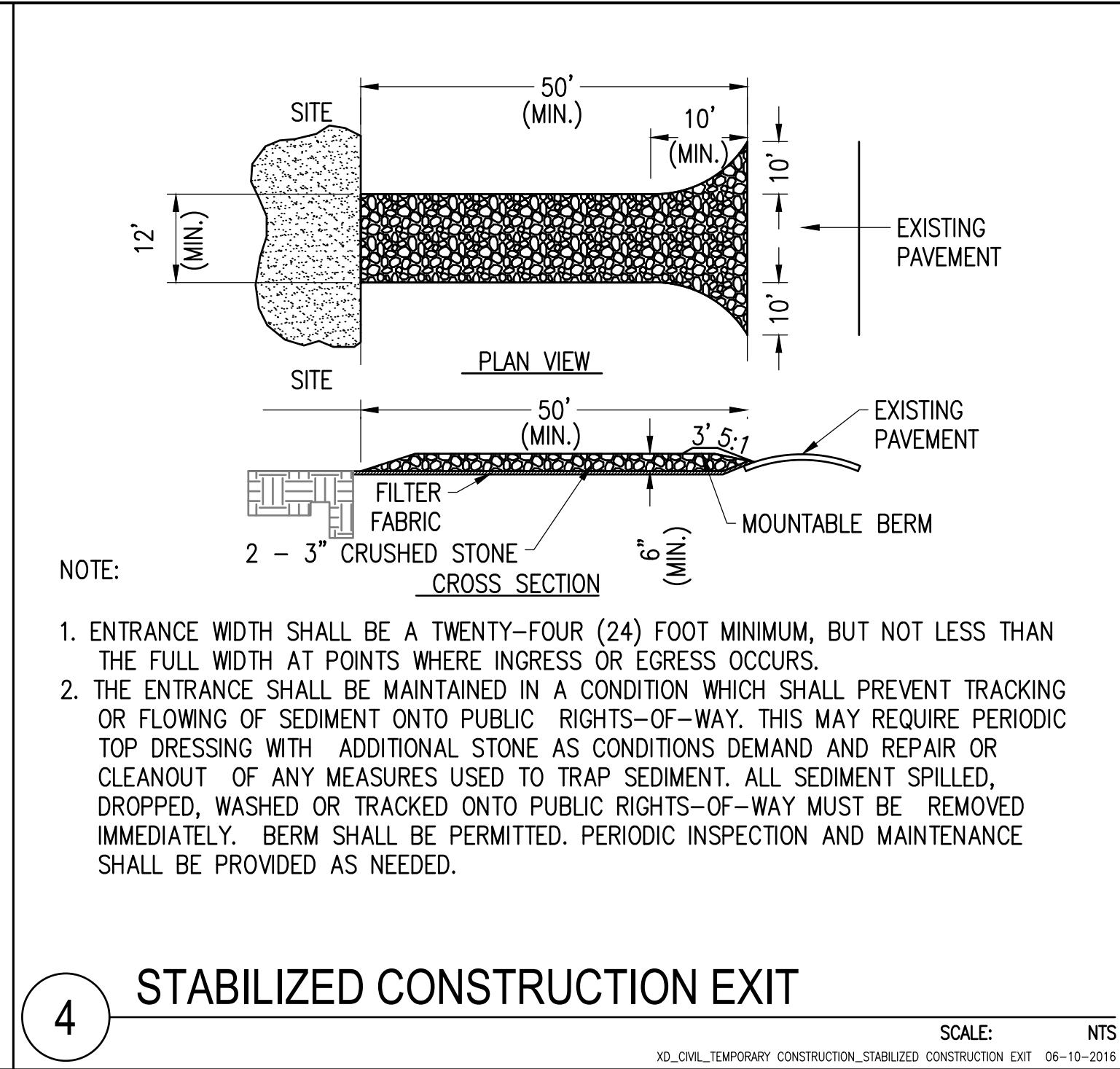
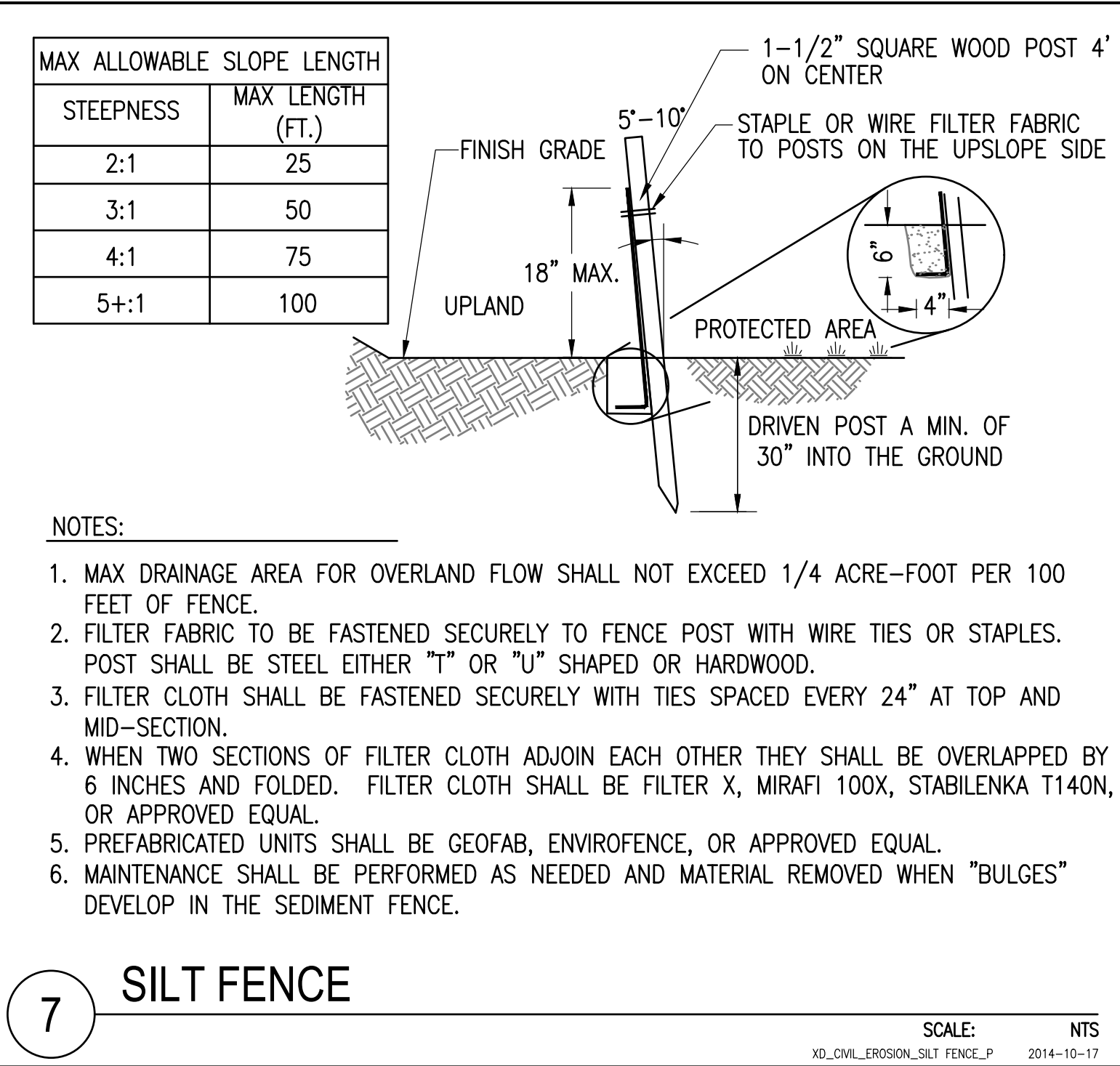
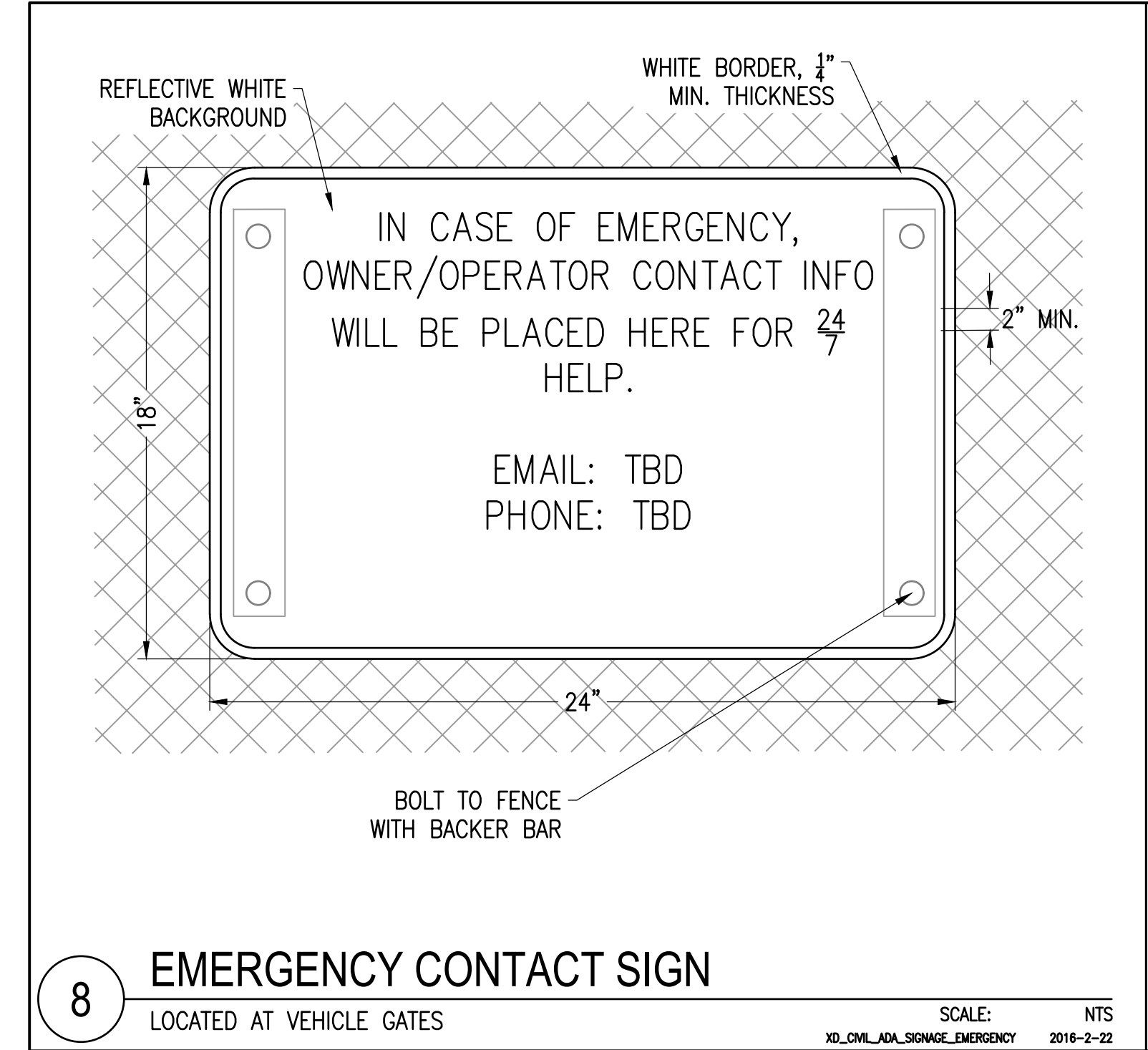
SITE USE PLAN
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WESTPORT, MA 02790

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C-4.1
GRADING AND EROSION
CONTROL PLAN-ACCESS
ROAD



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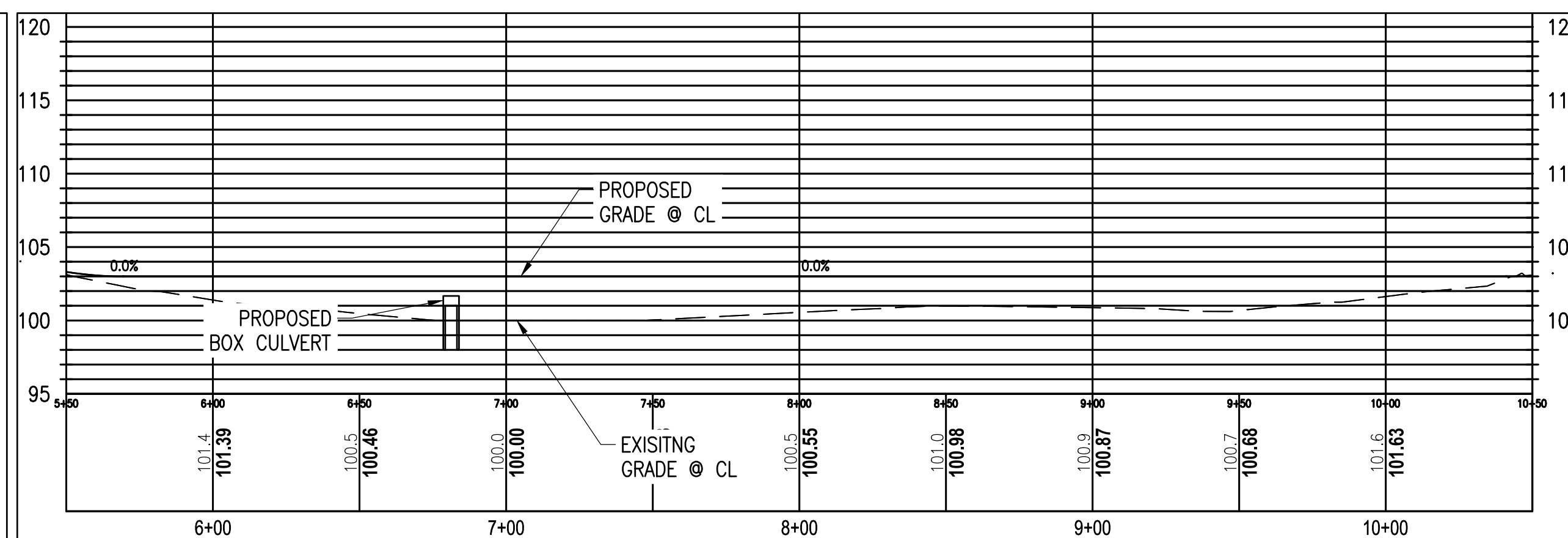
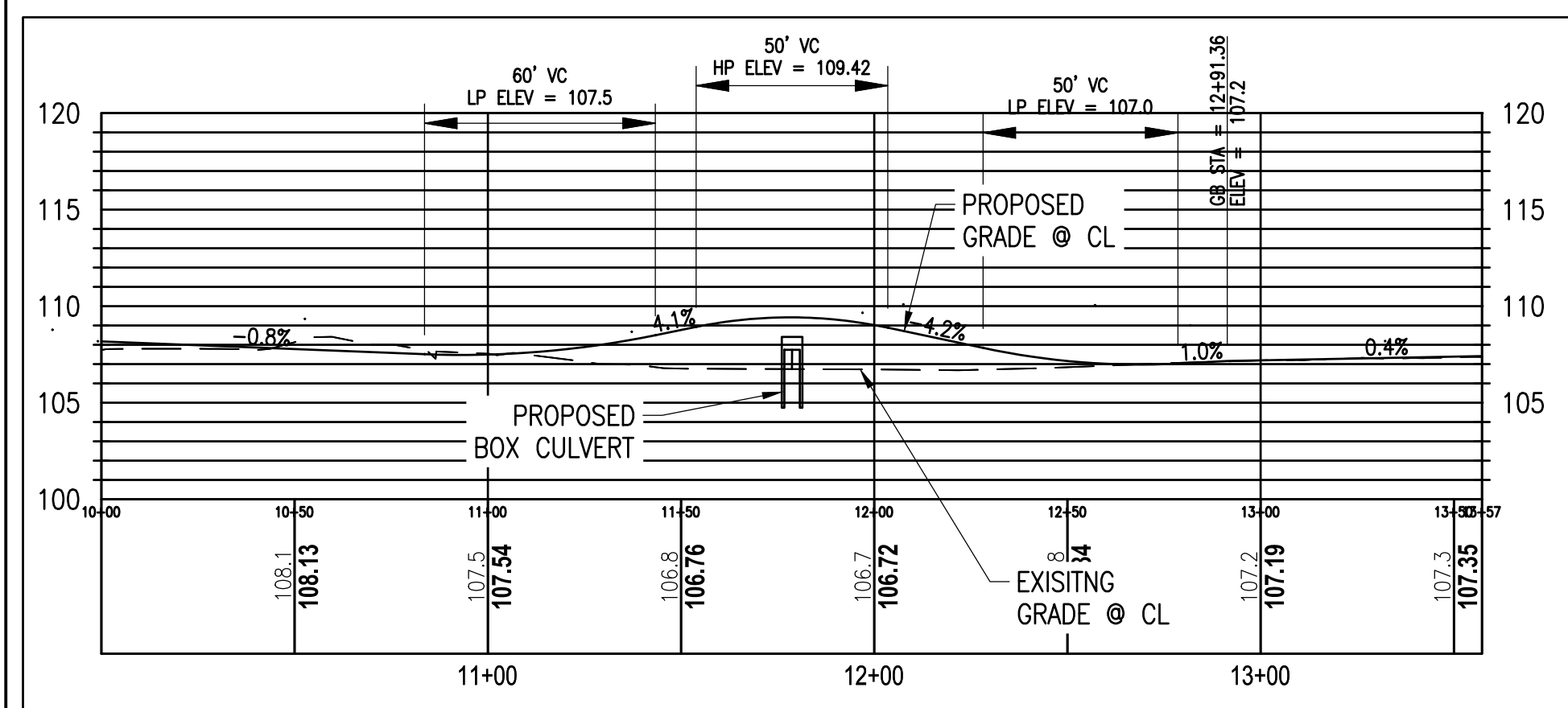
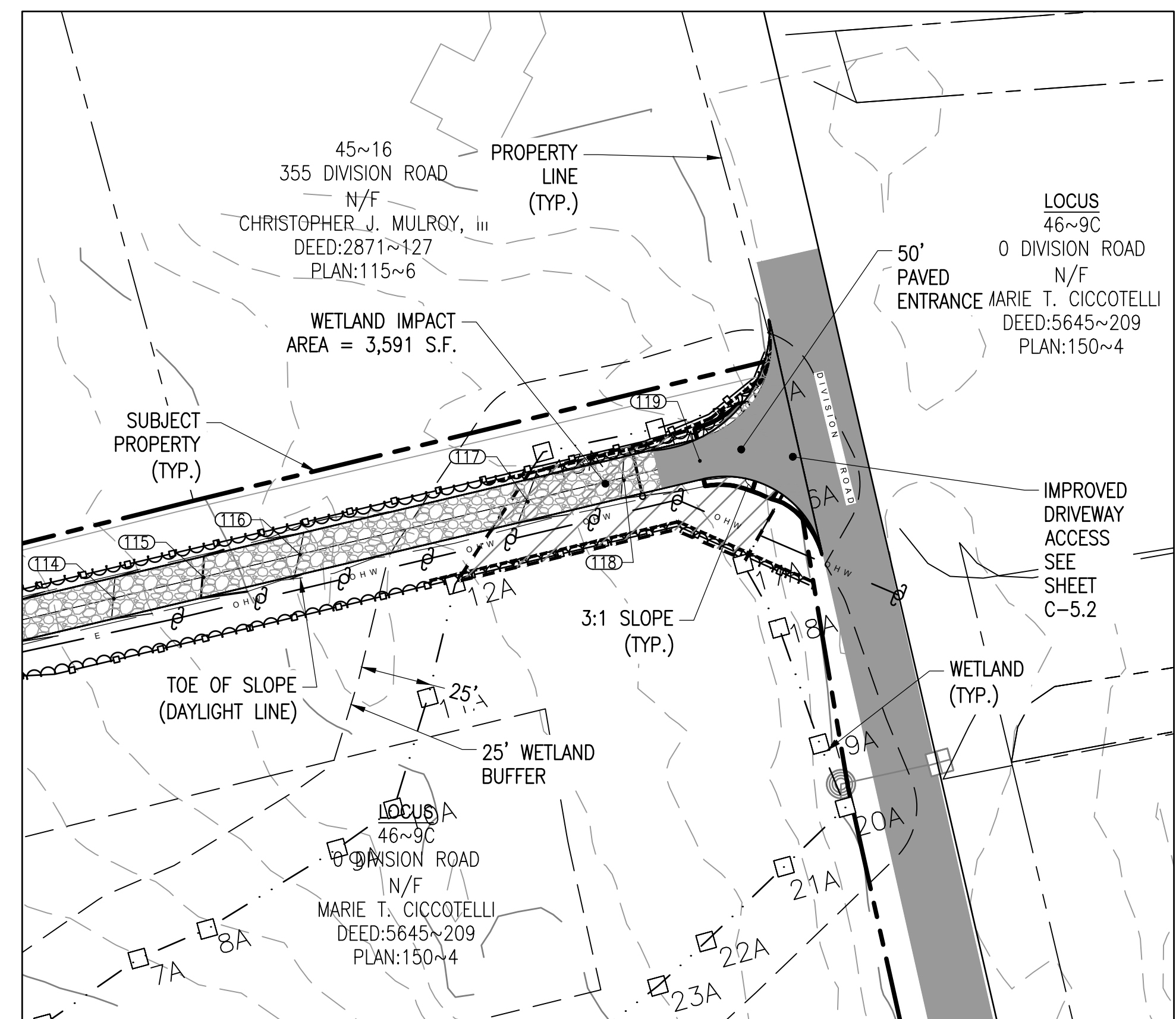
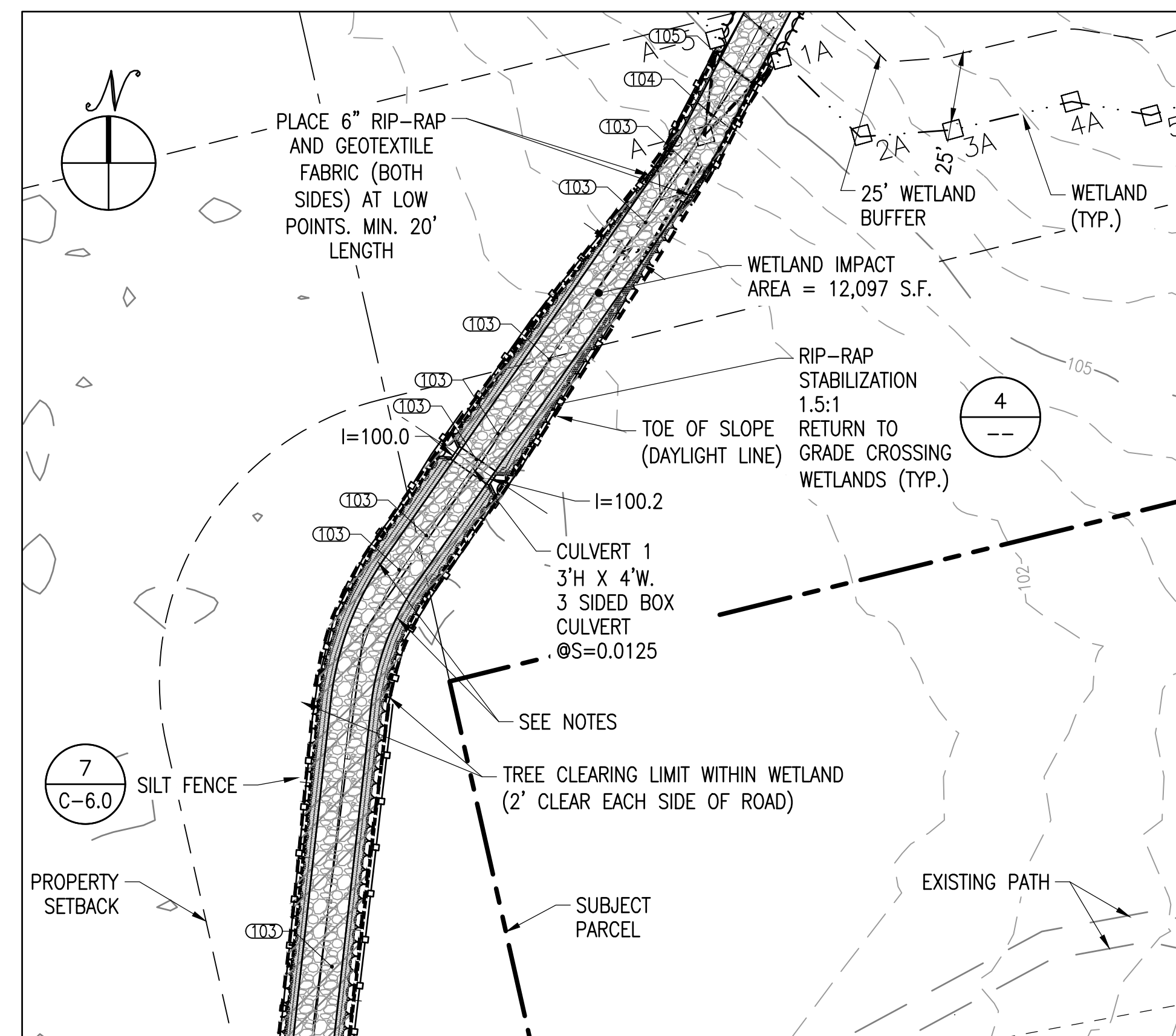
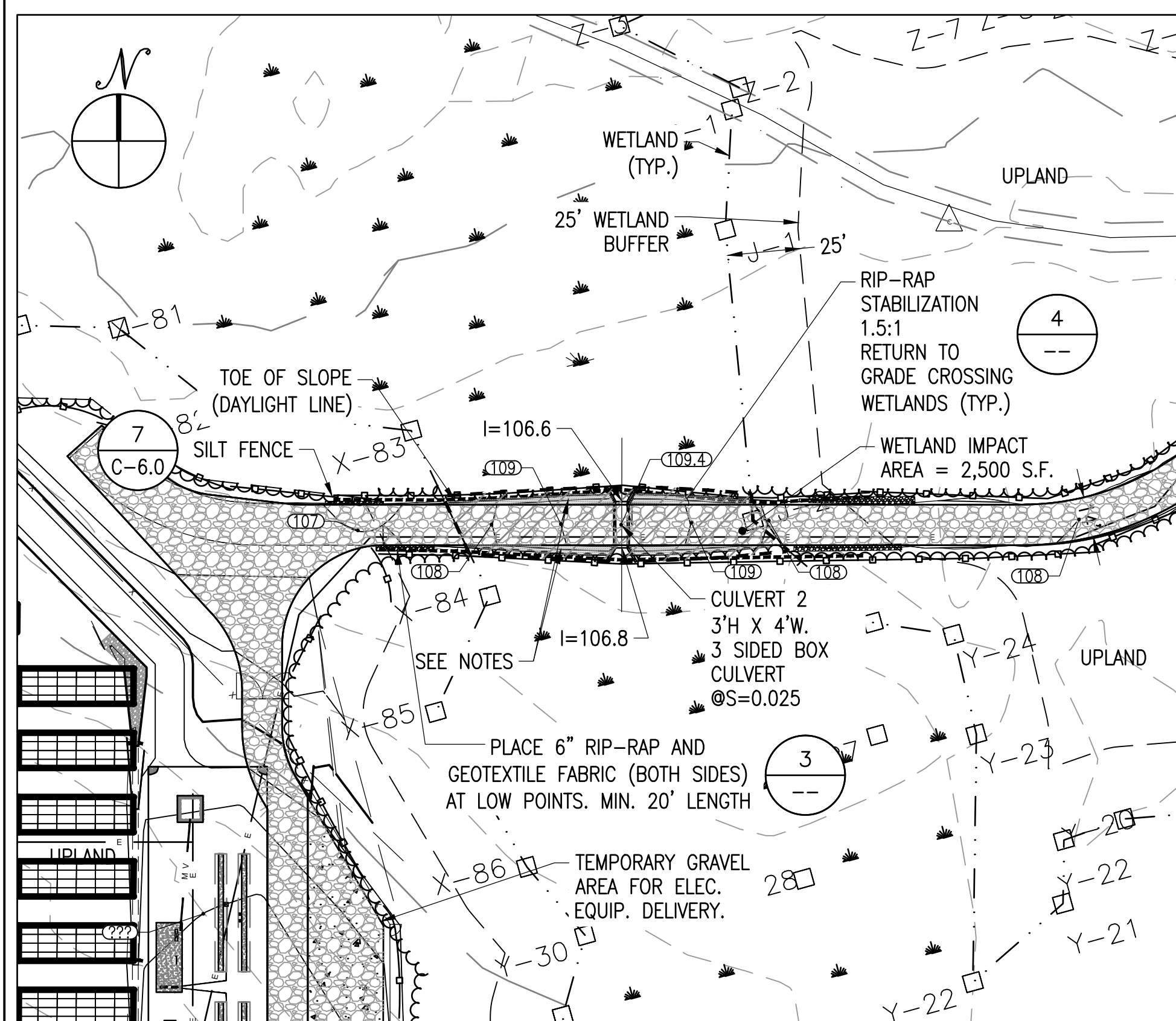
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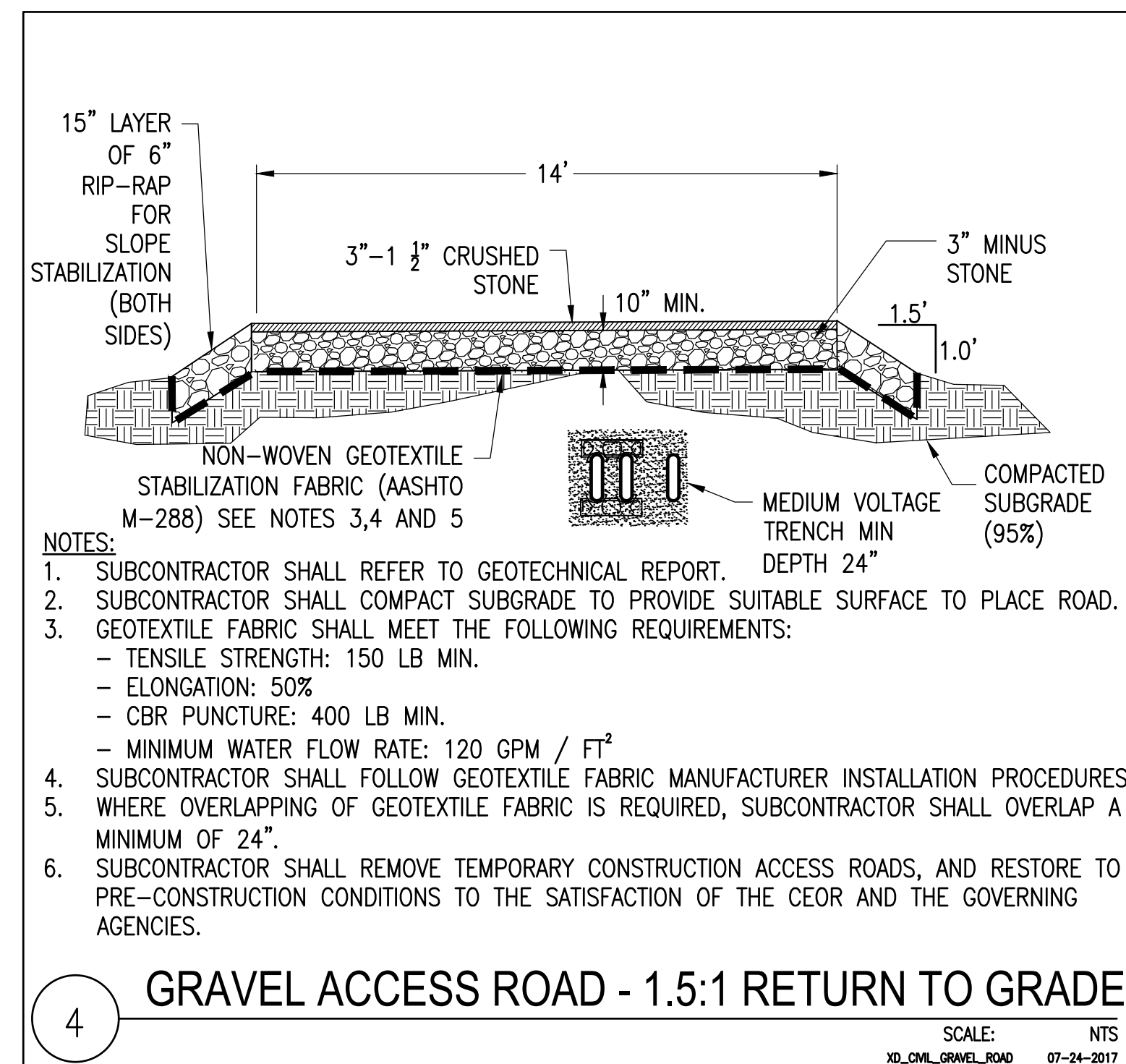
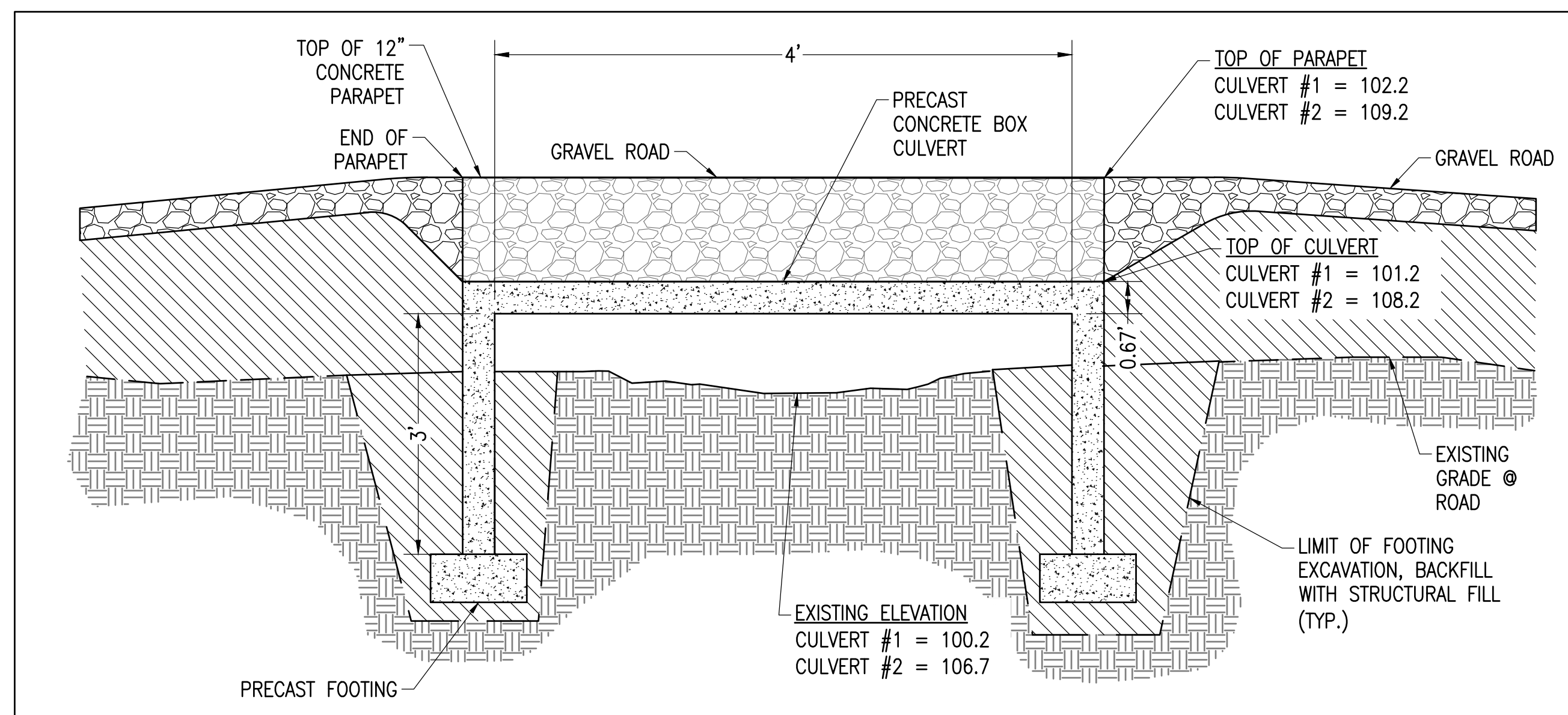
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CIVIL DETAILS

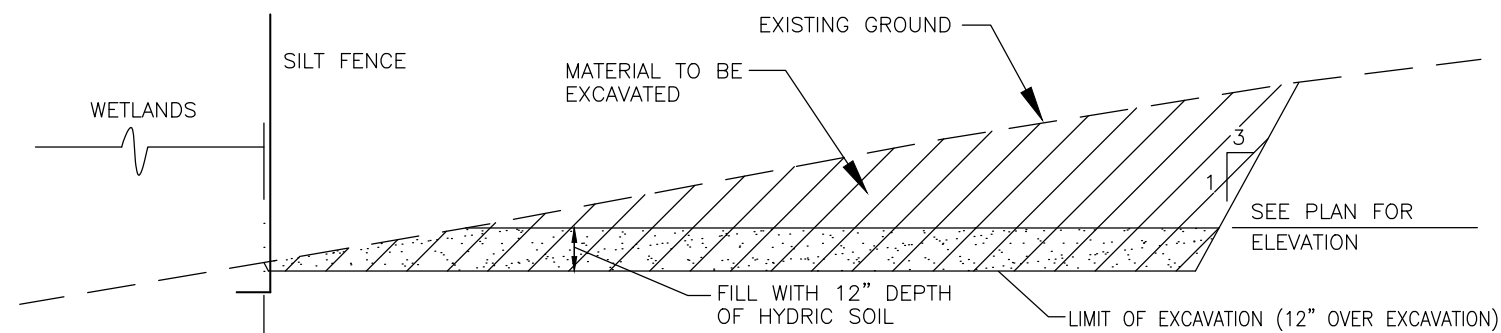
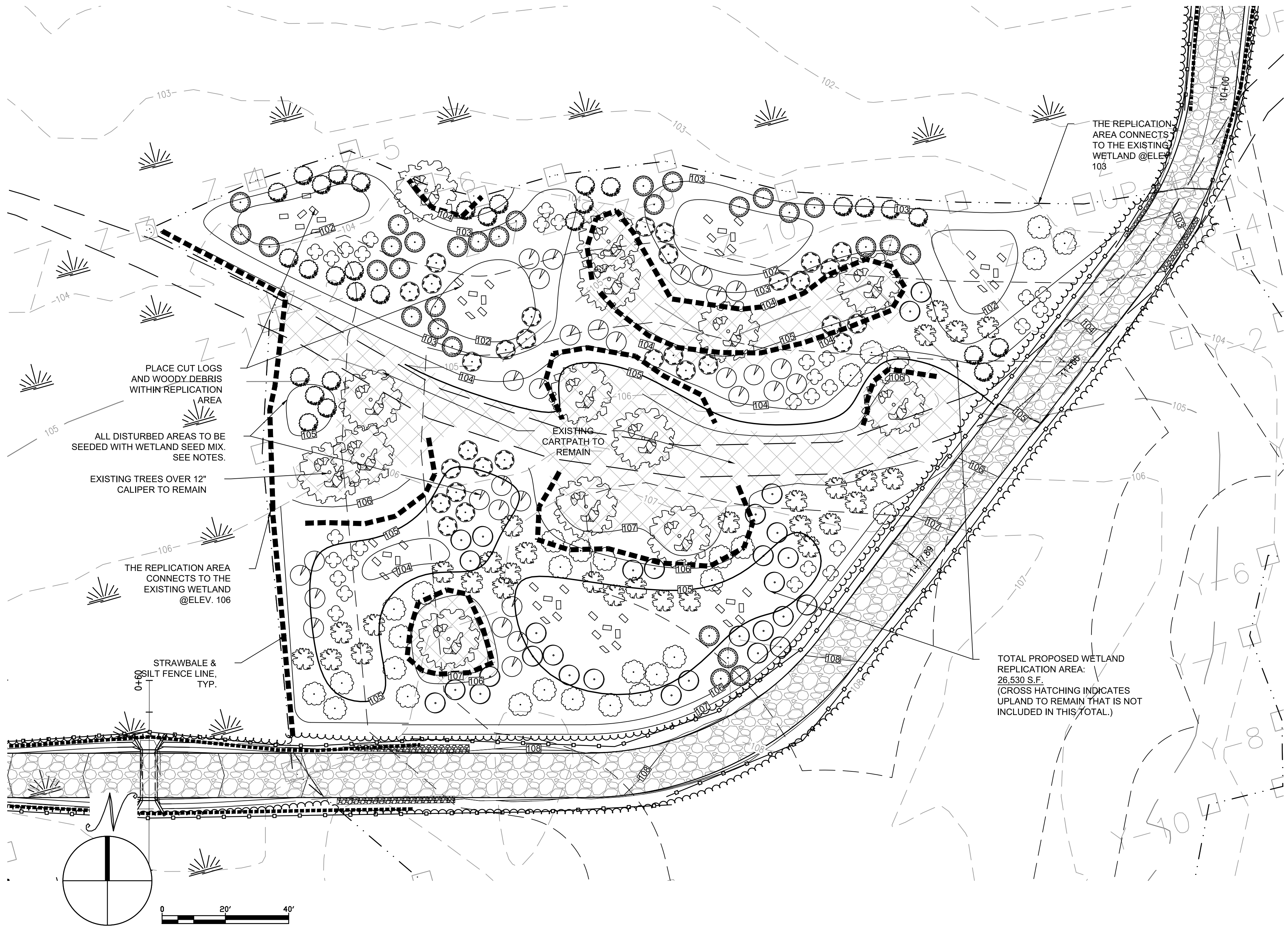


WETLAND CROSSING CONSTRUCTION NOTES:

1. BOX CULVERT WORK FOR CROSSING THE WETLAND SHALL OCCUR BETWEEN JUNE 15TH AND OCTOBER 15TH. IF CONDITIONS WARRANT AN EARLIER OR LATER TIME OF YEAR, THE APPLICANT SHALL SEEK APPROVAL FROM THE TOWN OF WESTPORT CONSERVATION COMMISSION.
2. IF POSSIBLE, CONSTRUCT THE CROSSING IN DRY CONDITONS.
3. PRIOR TO ANY WORK ON THE CONSTRUCTION OF THE GRAVEL ROAD, INCLUDING EARTHWORK, THE LIMITS OF WORK (2' OUTSIDE OF PROPOSED TOE OF SLOPE) SHALL BE STAKED OUT.
4. MINIMIZE THE EXTENT AND DURATION OF THE HYDRAULIC DISRUPTION. ANY MATERIALS (FORMS, GRAVEL, PRECAST CONCRETE BOX CULVERT, ETC.) SHALL BE STAGED PRIOR TO THE COMMENCEMENT OF THE WORK.
5. ONCE THE LIMIT OF WORK IS STAKED OUT AND APPROVED BY THE TOWN OF WESTPORT, THE EROSION CONTROLS SHALL BE INSTALLED.
6. TREE CLEARING CAN COMMENCE ONCE APPROVAL OF EROSION CONTROLS HAS BEEN ACCEPTED. IF WATER IS PRESENT, THE UPSTREAM END OF STREAM WATER DIVERSION TECHNIQUES. WORK TO BE DISCUSSED SHALL INCLUDE:
 - LOCATION AND METHOD OF STREAM DIVERSION
 - LOCATION OF INLET HOSE, PUMP AND ROUTE FOR HOSE
 - LOCATION OF OUTLET HOSE AND FILTER BAG AND EROSION CONTROL PROTECTIONS AT FILTER BAG
 - DETERMINATION OF PUMP FLOW RATE AND FREQUENCY OF PUMPING.
7. IF DEWATERING IS NECESSARY TO CONSTRUCT THE CULVERT, A DEWATERING PLAN CONSISTENT WITH NPDES REQUIREMENTS AND MA DEP SHALL BE PREPARED AND SUBMITTED TO THE WESTPORT CONSERVATION COMMISSION.
8. A TEMPORARY CROSSING (APPROVED BY THE WESTPORT CONSERVATION COMMISSION AT LEAST 72 HOURS PRIOR TO CONSTRUCTION) SHALL BE INSTALLED IN ORDER EROSION CONTROL INSTALLATION. TEMPORARY CROSSING COULD INCLUDE TIMBERS/TIMBER MAT OR EQUAL. THIS CROSSING IS ALSO NEEDED FOR CONSTRUCTION OF THE 3-SIDED BOX CULVERT SPAN. REFER TO SHEET C-5.4.
9. MINIMIZE IMPACT TO RIPARIAN VEGETATION DURING WORK IN THIS AREA.
10. PREVENT EXCAVATED MATERIAL FROM RUNNING INTO WATER BODIES AND OTHER SENSITIVE AREAS.
11. USE PRE-CAST CONCRETE FOOTINGS FOR THE 3-SIDED BOX CULVERT FOUNDATION. THIS WILL MINIMIZE THE DURATION OF THE CROSSING CONSTRUCTION.
12. A QUALIFIED WETLAND SCIENTIST SHALL BE ON-SITE TO MONITOR ANY CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE WETLAND CROSSING. ANY DISCREPANCIES FROM THE PLAN-OF-RECORD SHALL BE DOCUMENTED AND REPORTED TO THE WESTPORT CONSERVATION COMMISSION.

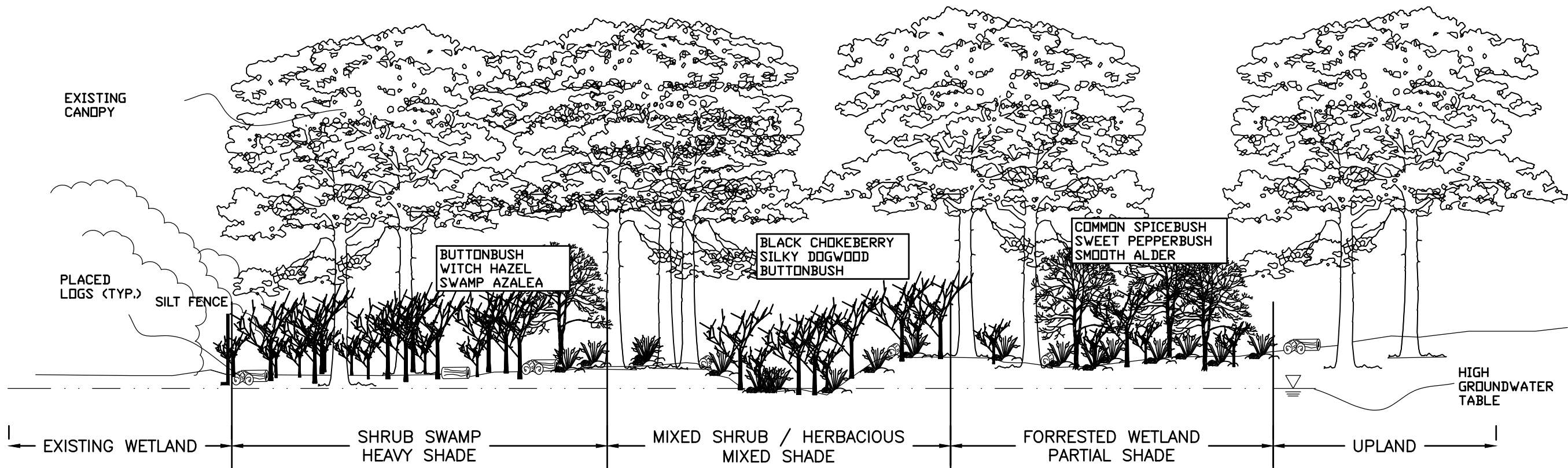


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SCHEMATIC CROSS SECTION OF REPLICATION AREA EARTHWORK
NOT TO SCALE

TOTAL WETLAND IMPACT AREA: 18,188 S.F.
TOTAL WETLAND REPLICATION: 26,530 S.F.
REPLICATION RATIO = 1.5 : 1



SCHEMATIC CROSS SECTION OF REPLICATION AREA VEGETATION
NOT TO SCALE

WETLAND REPLICATION NOTES:

- THE EXISTING WETLANDS WITHIN THE IMPACT AREAS CONSIST OF DECIDUOUS FORESTED WETLAND SUCH AS WHITE OAK AND RED MAPLE TREES, SWEET PEPPERBUSH AND SMOOTH ALDER SHRUBS, AND HERBACEOUS PLANTS INCLUDING CINNAMON FERN.
- IN NO CASE SHALL LIVING TREES LARGER THAN 12" CALIPER BE REMOVED FROM THE WETLAND REPLICATION AREA. THE WETLAND REPLICATION AREA SHALL BE GRADED IN A MANNER TO ACCOMMODATE SUCH TREES. ANY SHRUBS OR HERBACEOUS UNDERSTORY VEGETATION BENEATH EXISTING TREES TO BE REMOVED.
- IT IS INTENDED THE EXISTING TREES TO REMAIN IN THE WETLAND REPLICATION AREA AND THE UNDERSTORY PLANTED WITH SHRUBS AND A WETLAND SEED MIX AND DEVELOP INTO A DECIDUOUS FORESTED WETLAND
- THE REPLICATION AND IMPACT AREAS SHOULD BE EXCAVATED WHEN THE WATER TABLE IS LOW AND THE SOIL CAN BE EXCAVATED IN A PREDOMINANTLY DRY CONDITION.
- THE REPLICATION AND IMPACT AREAS SHALL BE STAKED BY A SURVEY CREW.
- EXISTING TREES TO REMAIN TO BE MARKED BY A SURVEY CREW.
- THE SILT FENCE SHALL BE PLACED AND TOED IN AT THE DOWNGRADE LIMIT OF REPLICATION AREA AND IN THE WETLAND IMPACT AREA AS SHOWN ON THIS PLAN.
- FINAL ELEVATIONS SHALL MIMIC EXISTING GRADES WITHIN THE ADJACENT WETLAND.
- EXCAVATION TO A SUB-GRADE ELEVATION SHALL BE APPROXIMATELY 12 INCHES BELOW THE PROPOSED FINAL ELEVATIONS. DO NOT EXCAVATE UNDER EXISTING TREES TO REMAIN.
- A WETLAND SCIENTIST MONITOR SHALL BE ON-SITE DURING EXCAVATION TO ENSURE ADEQUATE SUBGRADES ARE ACHIEVED TO INTERCEPT WETLAND HYDROLOGY.
- THE WETLAND SCIENTIST MAY RECOMMEND MODIFICATIONS TO SUBGRADE AND FINAL GRADE TO ENSURE ADEQUATE INTERCEPTION OF HYDROLOGY.
- APPROXIMATELY 12 INCHES OF ORGANIC RICH TOPSOIL SHALL BE ESTABLISHED IN THE WETLAND REPLICATION AREA. DO NOT BACKFILL AGAINST EXISTING TREES.
- ORGANIC MATERIAL FROM THE IMPACT AREA SHALL BE PLACED ON THE BASE OF THE OVER EXCAVATED REPLICATION AREA. STOCKPILED SOILS SHALL BE COVERED OR KEPT MOIST. SHOULD ADDITIONAL SOILS BE NEEDED, IMPORTED SOILS ARE TO BE FREE OF INVASIVE SPECIES AND HAVE A HIGH ORGANIC CONTENT. THIS MAY BE ACCOMPLISHED BY MIXING 1/3 COMPOST WITH 2/3 TOPSOIL. THE SURFACE OF THIS SOIL SHALL BE GENTLY DISTURBED WITH THE FORKS OF AN EXCAVATOR IN A NORTH-SOUTH DIRECTION TO CREATE A MICROTOPOGRAPHY. THE AREA SHALL NOT BE ROLLED SMOOTHED OR COMPACTED.
- THE WETLAND SCIENTIST SHALL BE ON-SITE DURING ESTABLISHMENT OF FINAL GRADING OF THE WETLAND REPLICATION AREA.
- THE WETLAND SCIENTIST SHALL OVERSEE CREATION OF MICRO-TOPOGRAPHY.
- SURVEY EQUIPMENT SHALL BE USED DURING GRADING ACTIVITIES TO COMPARE TO ADJACENT WETLAND AREAS.
- PLANTING WILL OCCUR DURING THE GROWING SEASON. THE GROWING SEASON FOR BRISTOL COUNTY (SOUTHERN) ACCORDING TO THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION INLAND WETLAND REPLICATION GUIDELINES IS APRIL 24TH TO OCTOBER 11TH.
- ALL PLANTINGS SHALL COME FROM A REPUTABLE PLANT NURSERY OR GARDEN CENTER WITH RECEIPT OF RECEIVING ALL PLANT MATERIAL SPECIFIED IN THIS RESTORATION PLAN AND FOR THE RECEIPT TO BE SUBMITTED TO THE CONSERVATION COMMISSION.
- SEE PLANTING SCHEDULE FOR NUMBER OF SPECIES. THE LOCATIONS SHOWN ON THE PLAN ARE APPROXIMATE AND SHOULD BE ADJUSTED ON SITE, AS WELL AS THE LOCATION AND SHAPE OF THE HUMmockS, TO MATCH THE EXISTING CHARACTER OF THE ADJACENT WETLAND AND INCREASE THE SUCCESSFUL ESTABLISHMENT OF PLANTINGS.
- PRIOR TO SHRUB PLANTING, PLANTS SHALL BE "LAYED OUT" IN GROUPS OF THE SAME SPECIES (2-5 PLANTS PER GROUP).
- ALL BURLAP SHALL BE REMOVED FROM PLANT SPECIMENS AND ROOTS SHALL BE TEASED APART GENTLY. PLANTS CAN THEN BE PLACED IN THEIR HOLES AND COVERED WITH LOAM UP TO THE BASE OF THE PLANT.
- ONCE HOLES ARE DUG FOR EACH INDIVIDUAL TREE PLANTING, 1 PART ORGANIC COW MANURE AND 2 PARTS ORGANIC PEAT SHALL BE PLACED IN THE HOLE TO PROVIDE NUTRIENTS TO THE NEW PLANTS.
- THE WETLAND SCIENTIST SHALL OVERSEE PLANT INSTALLATION AND MAY RELOCATE PROPOSED PLANTS BASED ON THEIR WETLAND INDICATOR STATUS AND FINAL GRADING AND MICROTOPOGRAPHY. SUBSTITUTIONS SHALL BE APPROVED BY THE OVERSEEING WETLAND SCIENTIST. NO CULTIVARS ARE ALLOWED.
- THROUGHOUT THE REPLICATION PROCESS THE NUMBER AND PLACEMENT OF PLANTINGS AT THE REPLICATION LOCATION MAY BE MODIFIED DEPENDING ON UNANTICIPATED CONDITIONS, IF SO RECOMMENDED BY THE CONSERVATION AGENT.
- THE BASE AREA SHALL BE SEEDED WITH WETMIX BY NEW ENGLAND WETLAND PLANTS, INC. OR APPROVED EQUAL.
- REPLICATION AREA MUST HAVE 75% COVER OF NATIVE WETLAND PLANTS WITHIN TWO GROWING SEASONS.
- ONCE ALL PLANTING IS DONE, A REPORT WITH PICTURES OF THE OUTCOME SHALL BE SUBMITTED TO THE CONSERVATION COMMISSION.
- THE REPLICATION PROCESS SHALL BE MONITORED BY A WETLAND SCIENTIST RETAINED BY THE OWNER AND BY THE WESTPORT CONSERVATION AGENT. THE REPLICATED AREA SHALL BE INSPECTED BY A WETLAND SCIENTIST IN THE SPRING OF 2021 AND THE SPRING OF 2022 AND THE CONDITION OF THE REPLICATED AREA SHALL BE REPORTED TO THE WESTPORT CONSERVATION COMMISSION. IF INVASIVE SPECIES, SUCH AS PHARMACIST'S POLEWORT, ARE OBSERVED IN THE REPLICATED AREA, THEY SHALL BE REMOVED BY HAND AND DISPOSED OFF-SITE.
- AN AS-BUILT PLAN SHALL BE PREPARED FOLLOWING THE COMPLETION OF THE REPLICATION AREA TO CONFIRM PROPOSED SQUARE FOOTAGE AND ELEVATION HAS BEEN ACHIEVED.

PLANTING SCHEDULE:

| BOTANICAL NAME | COMMON NAME | QUANTITY | SYMBOL | STATUS | SUN/SHADE |
|---------------------------|------------------|----------|--------|--------|-----------|
| CEPHALANTHUS OCCIDENTALIS | BUTTONBUSH | 30 | | OBL | |
| CORNUS AMOMUM | SILKY DOGWOOD | 30 | | FACW | |
| LINDERA BENZOIN | COMMON SPICEBUSH | 30 | | FACW-- | |
| RHODODENDRON VISCOSUM | SWAMP AZALEA | 30 | | FACW | |
| CLETHRA ALNIFOLIA | SWEET PEPPERBUSH | 30 | | FACW | |
| ALNUS SERRULATA | SMOOTH ALDER | 30 | | OBL | |
| HAMAMELIS VIRGINIANA | WITCH HAZEL | 30 | | FAC-- | |
| ARONIA MELANOCARPA | BLACK CHOKEBERRY | 30 | | FACW | |

SEED MIX NOTES:

THE ENTIRE WETLAND REPLICATION AREA IS TO BE SEEDED WITH ONE POUND PER 2,500 SQUARE FEET OF WETMIX SUPPLIED BY NEW ENGLAND WETLAND PLANTS, INC., OR APPROVED EQUAL WHICH CONTAINS THE FOLLOWING SPECIMENS:

| Botanical Name | Common Name | Indicator |
|--|------------------------------|-----------|
| Carex vulpinoidea | Fox Sedge | OBL |
| Carex scoparia | Blunt Broom Sedge | FACW |
| Carex lurida | Lurid Sedge | OBL |
| Carex lupulina | Hop Sedge | OBL |
| Poa palustris | Fowl Bluegrass | FACW |
| Bidens frondosa | Beggar Ticks | FACW |
| Scirpus atrovirens | Green Bulrush | OBL |
| Asclepias incarnata | Swamp Milkweed | OBL |
| Carex crinita | Fringed Sedge | OBL |
| Veronica noveboracensis | New York Ironweed | FACW+ |
| Juncus effusus | Soft Rush | FACW+ |
| Aster lateriflorus (Symphyotrichum lateriflorum) | Starved/Calico Aster | FACW |
| Iris versicolor | Blue Flag | OBL |
| Glyceria grandis | American Mannagrass | OBL |
| Mimulus ringens | Square Stemmed Monkey Flower | OBL |
| Eupatorium maculatum (Eutrochium maculatum) | Spotted Joe Pye Weed | OBL |

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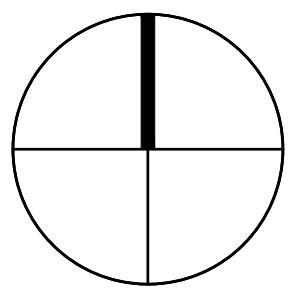
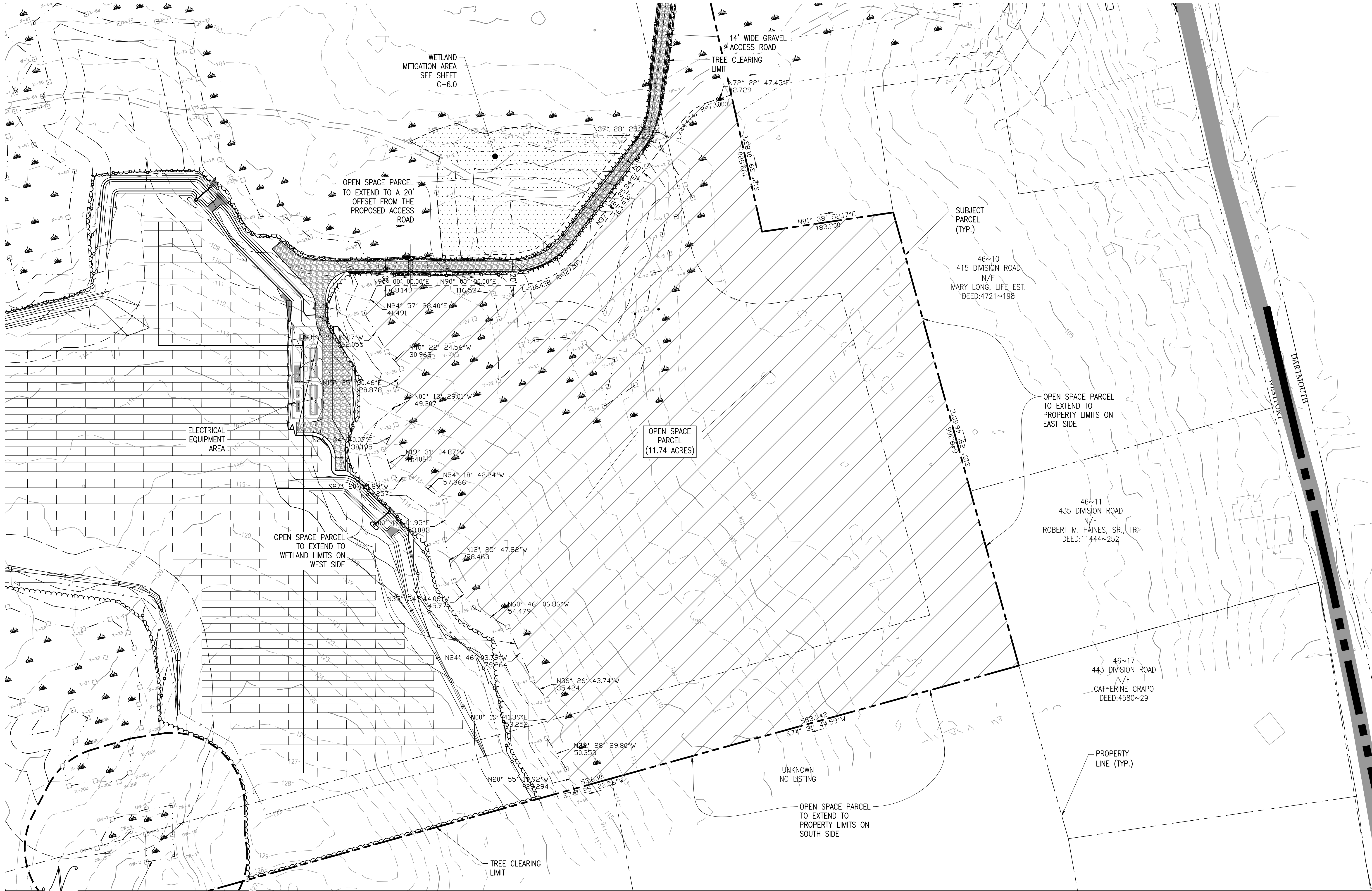
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PROJECT NUMBER:
905-2046

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| | 02/19/20 | DA | PLAN SET CREATION | |
| | 04/06/20 | WS | EDITS PER SITEC REVIEW | |
| | 07/17/20 | WS | EDITS PER PEER REVIEW | |
| | 09/24/20 | WS | PLOT FOR SUBMISSION TO WESTPORT PB | |

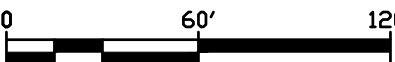
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WETLAND REPLICATION PLAN



OPEN SPACE PARCEL PLAN

SCALE: 1" = 60'



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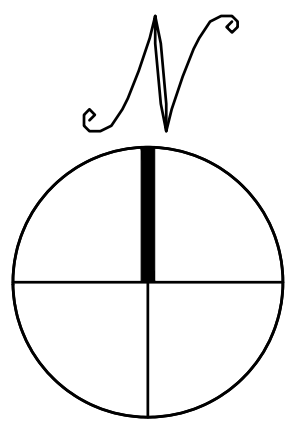
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OPEN SPACE PARCEL PLAN

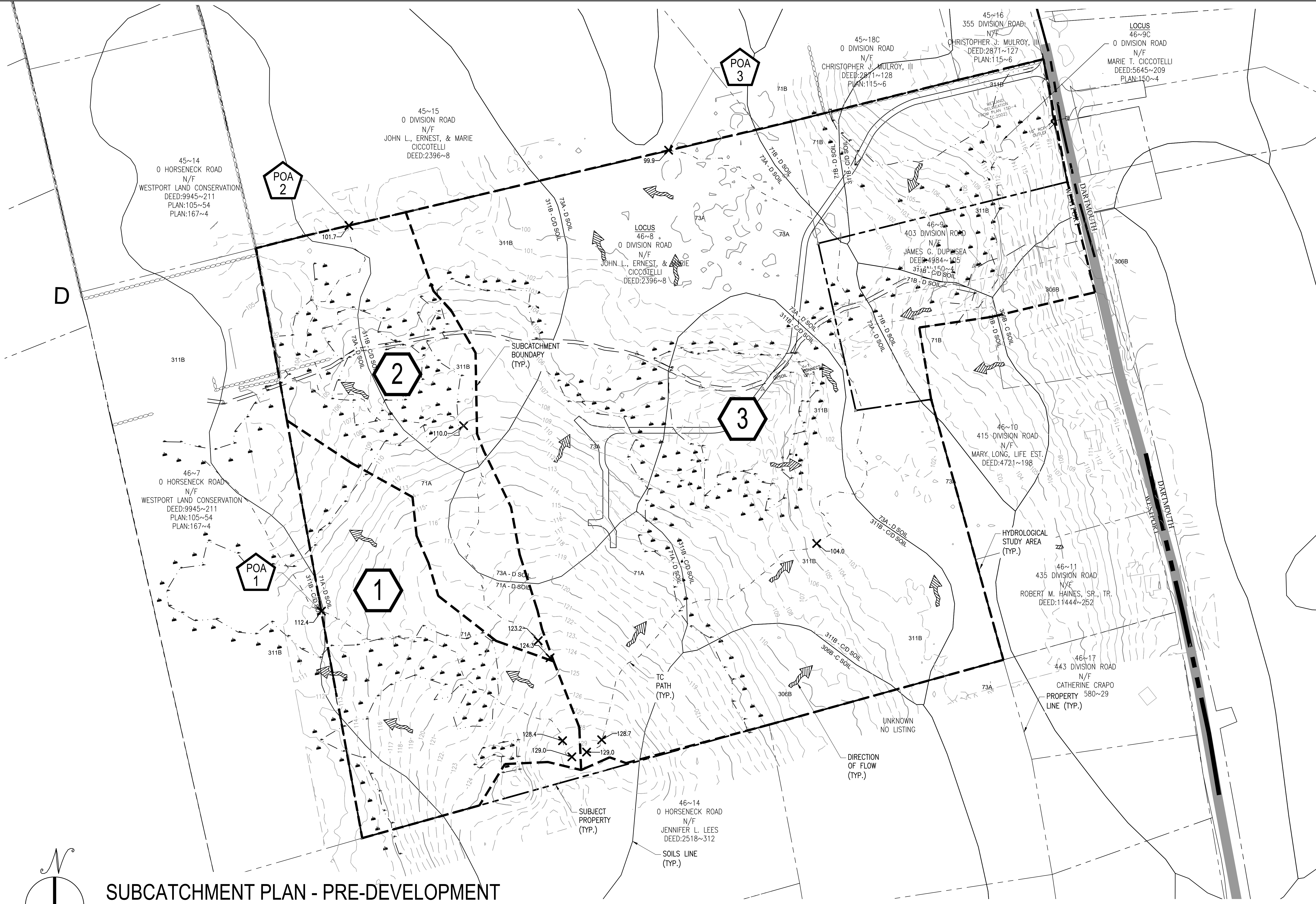
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SUBCATCHMENT PLAN - PRE-DEVELOPMENT

SCALE: 1" = 100'



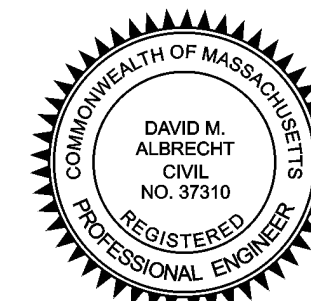
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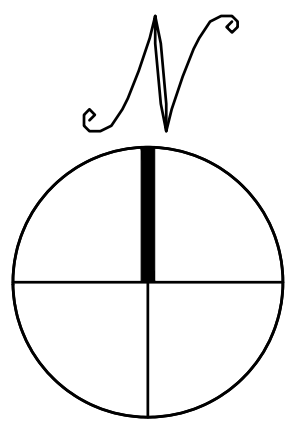
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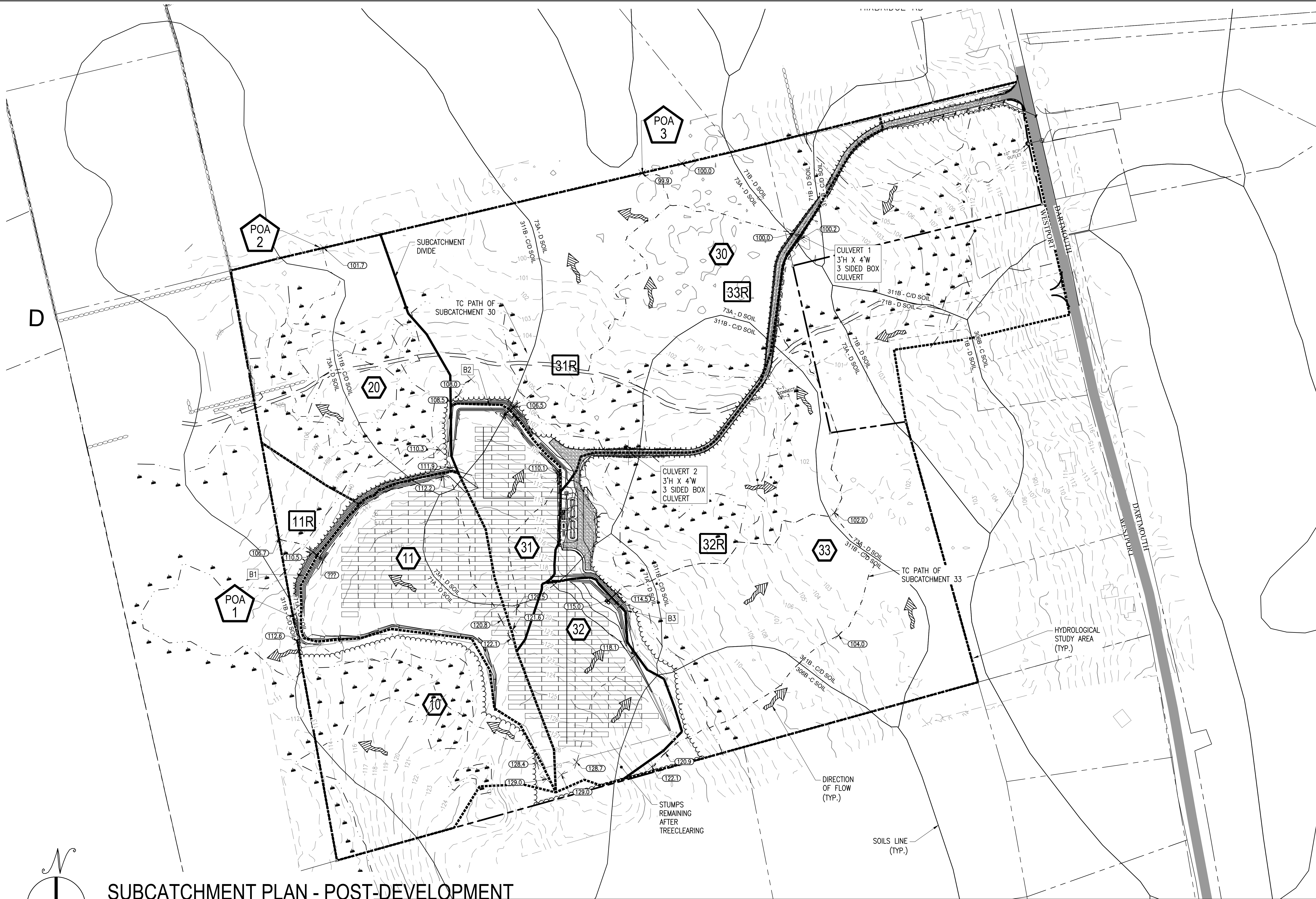
FIG 3
SUBCATCHMENT PLAN -
PRE-DEVELOPMENT

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SUBCATCHMENT PLAN - POST-DEVELOPMENT

SCALE: 1" = 100'



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FIG 4

SUBCATCHMENT PLAN -
POST-DEVELOPMENT