

TOWN OF VERNON

PLAN

FOR THE

CONSTRUCTION OF STAND ALONE SIDEWALKS

AT VARIOUS LOCATIONS

APRIL 17, 2023

STATE LOTCIP PROJECT NO. L146 - 0001



MAYOR

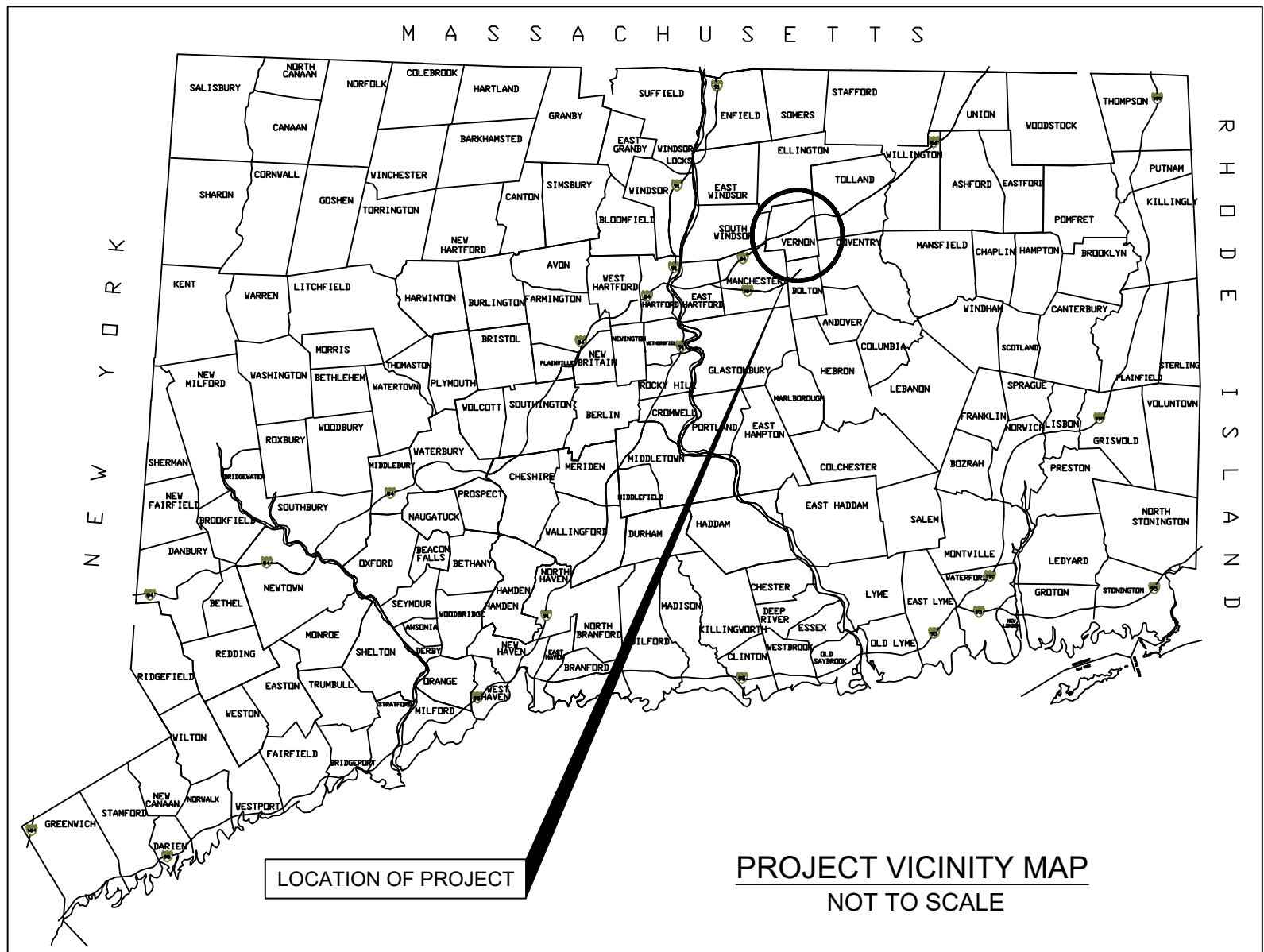
DANIEL CHAMPAGNE

TOWN ADMINISTRATOR

MICHAEL J. PURCARO

TOWN ENGINEER

DAVID A. SMITH, P.E., L.S.



CT DOT-817 CONSTRUCTION NOTES

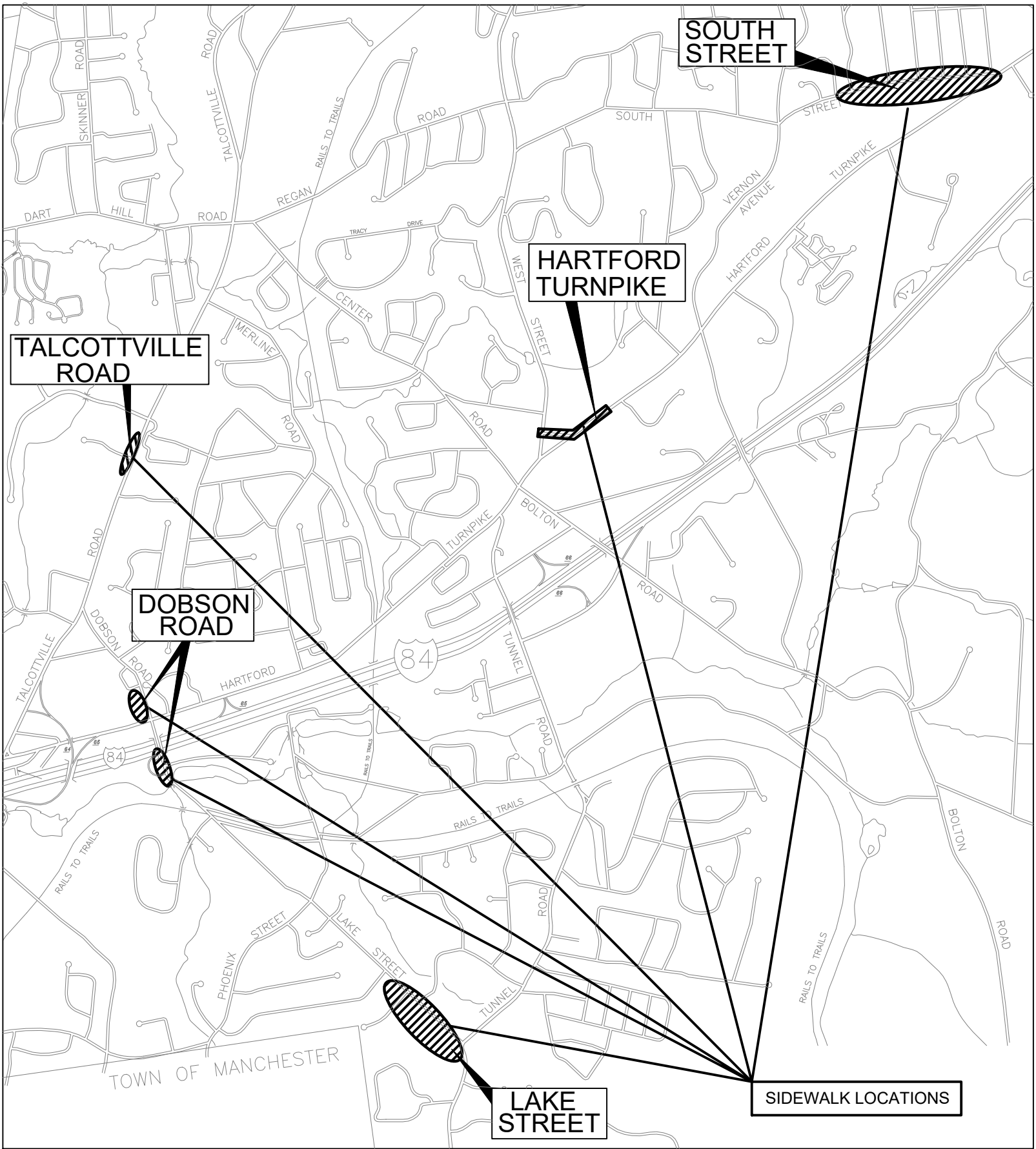
1. REMOVAL OF PAVEMENT MARKINGS ALONG STATE ROADS SHALL BE COMPLETED BY A NON-DESTRUCTIVE METHOD IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 817 SECTION 12.11 AS REVISED.
2. NEW PAVEMENT MARKINGS SHALL BE PAINTED WITH EPOXY RESIN PAINT IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 817 SECTION 12.10 AS REVISED.
3. NEW SIGN MATERIAL AND SHEETING SHALL BE MADE OF REFLECTIVE MATERIAL IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 817 SECTION 12.08 AS REVISED. TYPE 1 REFLECTIVE SHEETING SHALL BE USED FOR SIGNS WITH WHITE BACKGROUND, TYPE 3 REFLECTIVE SHEETING SHALL BE USED FOR SIGNS WITH COLORED BACKGROUND EXCEPT FOR SIGNS WITH RED BACKGROUND THAT SHALL BE TYPE 8 OR 9 REFLECTIVE SHEETING.
4. ALL SIGNS AND PAVEMENT MARKINGS INSTALLED ALONG THE STATE ROAD MUST CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE LATEST STATE OF CONNECTICUT CATALOG SIGNS AND STANDARD AS REVISED.
5. ANY DAMAGE TO THE EXISTING CURB, SIDEWALK OR ANY OTHER HIGHWAY APPURTENANCES DURING THE DEVELOPMENT OF THE PERMITTED SITE SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE DISTRICT PERMIT SECTION AT NO COST TO THE STATE.
6. ALL WORK WITHIN THE STATE RIGHT OF WAY WILL COMPLY WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 817 WITH THE LATEST SPECIAL PROVISION AND TYPICAL STATE STANDARD DETAILS.

PROJECT SUMMARY:

| | |
|--|--------------------------|
| SOUTH STREET | 2480 LF 5' WIDE SIDEWALK |
| TALCOTTVILLE ROAD (ROUTE 83) | 752 LF 5' WIDE SIDEWALK |
| LAKE STREET (PARTIALLY ROUTE 527) | 1891 LF 5' WIDE SIDEWALK |
| HARTFORD TURNPIKE - DART ROAD (PARTIALLY ROUTE 30) | 1689 LF 5' WIDE SIDEWALK |
| DOBSON ROAD (PARTIALLY UNNUMBERED STATE HIGHWAY) | 542 LF 5' WIDE SIDEWALK |
| TOTAL | 7354 LF 5' WIDE SIDEWALK |

DAVID A. SMITH, P.E., L.S.

LICENSE NO. 14173

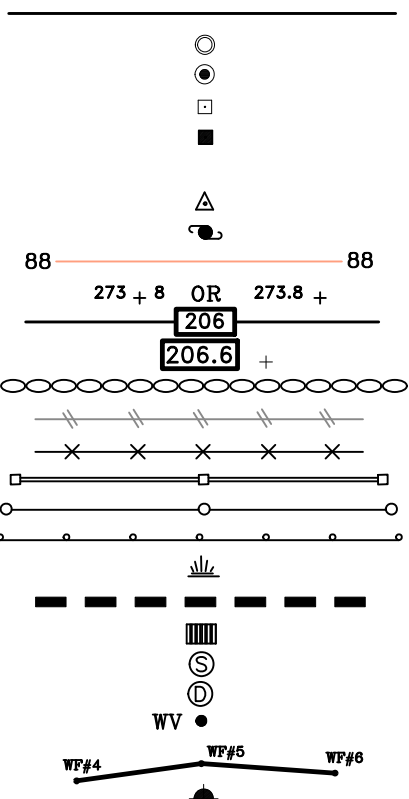


PROJECT LOCATIONS PLAN
NOT TO SCALE

PROGRESS PRINT
RELEASED FOR REVIEW
- NOT FOR CONSTRUCTION -

LEGEND

PROPERTY LINE
ANGLE POINT IN PROPERTY LINE (COMPUTED)
IRON PIN OR DRILL HOLE (SET OR FOUND)
CONCRETE MONUMENT (COMPUTED)
CONCRETE MONUMENT (FOUND OR SET)
CHD: CONNECTICUT HIGHWAY DEPT. (MONUMENT)
SURVEY CONTROL POINT
UTILITY POLE
EXISTING CONTOUR LINE
EXISTING SPOT ELEVATION
PROPOSED CONTOUR LINE
PROPOSED SPOT ELEVATION
STONE WALL
BOX-WIRE FENCE
BARBED WIRE FENCE
WOOD FENCE
CHAIN LINK FENCE
GUARD RAIL
WETLANDS SYMBOL
SILTATION BARRIER (SILT FENCE OR HAY BALES)
CATCH BASIN
SANITARY SEWER MANHOLE
STORM DRAIN MANHOLE
WV: WATER VALVE
DELINEATED INLAND WETLANDS
HYDRANT
PVC: POLYVINYLCHLORIDE PIPE
RCP: REINFORCED CONCRETE PIPE
CMP: CORRUGATED METAL PIPE
CPP: CORRUGATED PLASTIC PIPE
N/F: NOW OR FORMERLY



| Town of Vernon Standalone Sidewalks Quantities: July 27, 2023 | | | | | | | | |
|---|-----------------------|------------|-------------|-------------------|-------------|--------------|-------------------|---------|
| ITEM | DETAIL | UNIT | Dobson Road | Hartford Turnpike | Lake Street | South Street | Talcottville Road | Summary |
| 5' Wide Concrete Sidewalk - 5" thick | | LF | 512 | 1207 | 1741 | 1920 | 706 | 6086 |
| Transition from 4' to 5' wide - 5" thick | | LF | 5 | | | | | 5 |
| Transition from 11' wide to 5' wide - 5" thick | | LF | 10 | | | | | 10 |
| Bus waiting area - 5" thick | | SF (total) | 60 | | | | | 60 |
| 5' Wide Concrete Sidewalk - 8" thick & Driveway Aprons | | SF (total) | | 1554 | 2182 | 5494 | 475 | 9705 |
| Raise Sewer Manhole Covers | | EA | | 2 | | 1 | | 3 |
| Remove trees | | | | | | | | |
| | 10" Spruce | EA | | 1 | | | | 1 |
| | 42" Maple | EA | | 1 | | | | 1 |
| | 10" Ash | EA | | 1 | | | | 1 |
| | 10" Maple | EA | | | | 1 | | 1 |
| | 14" Maple | EA | | | | 1 | | 1 |
| | 10 + 14" triple trees | EA | | | | 1 | | 1 |
| | 10" Poplar | EA | | | | 1 | | 1 |
| | Twin 10" Oaks | EA | | | | 1 | | 1 |
| | Twin 24" Oaks | EA | | | | 1 | | 1 |
| | 8" Dogwood | EA | | | | 1 | | 1 |
| | Triple Dogwood | EA | | | | 1 | | 1 |
| | Multi-Stem J. Maple | EA | | | | 1 | | 1 |
| Remove Tree Stumps | | EA | | | | | 4 | 4 |
| Painted Bar Crosswalks | | LF (total) | 144 | 43 | 77 | 108 | 36 | 408 |
| Yield to Pedestrians Painted Saw-tooth Arrows | | LF | 30 | | | | | 30 |
| Relocate Cobblestone Driveway Apron | | SF | | 56 | | | | 56 |
| Remove Stonewall (@ #801) | | LF | | 10 | | | | 10 |
| Vertical Concrete Curb 12" Reveal | | LF | | | 72 | | | 72 |
| Remove Bituminous Curb | | LF | 32 | 42 | 14 | 215 | 83 | 386 |
| New Bituminous Curb | | LF | 16 | 46 | 52 | 193 | 50 | 357 |
| Remove VCMS Sidewalk Ramp | | SF | | 110 | | | | 110 |
| Install Utility Pole Sidewalk Guy Brace | | EA | | 1 | 1 | 2 | | 4 |
| Relocate utility pole guy wire | | EA | | | 2 | | 1 | 3 |
| Regrade & Resurface Gravel Driveway @ #765 | | SF | | 250 | | | | 250 |
| Regrade & Repave Driveway @ #765 | | SF | | 354 | | | | 354 |
| Remove, Regrade, Replace Concrete Sidewalk @ #765 | | SF | | 78 | | | | 78 |
| Remove Sidewalk & Step @ #765 | | SF | | 78 | | | | 78 |
| Remove Chain Link Fence | | LF | | 62 | | | | 62 |
| Install 4' Tall Chain Link Fence | | LF | | 44 | | | | 44 |
| Double Sided Pedestrian Crossing Signs - Yield to Pedestrians (new) | | EA | 2 | 2 | | 2 | | 6 |
| Pedestrian Crossing Ahead Signs | | EA | 2 | | | | | 2 |
| Rectangular Rapid Flashing Beacons (Inc. signs) | | EA | 2 | | | | | 2 |
| Type 9 Concrete Sidewalk Ramp | | EA | 1 | 1 | | 4 | | 6 |
| Type 16 Concrete Sidewalk Ramp | | EA | 2 | 1 | 4 | 4 | 4 | 15 |
| Type 17 Concrete Sidewalk Ramp | | EA | | 1 | | | | 1 |
| Ramps on private sidewalks (non DOT standard) | | EA | | | | 4 | | 4 |
| Rehabilitate Sink Hole | | EA | 1 | | | | | 1 |
| Loam, Fertilize, Seed, & Mulch | | SF | 4750 | 14006 | 16252 | 18908 | 5960 | 59876 |
| Relocate Stop Sign | | EA | | | 1 | | | 1 |
| Relocate Street Name Sign | | EA | | | 1 | | | 1 |
| Relocate Speed Limit Sign | | EA | | | | | 1 | 1 |
| Relocate Pedestrian Crossing Sign | | EA | | | | 2 | | 2 |
| Eradicate & Repaint Stop Bar | | EA | | 1 | 1 | | 1 | 3 |
| 12" HDCPP | | LF | | | 72 | | | 72 |
| 2' Square Yard Drain | | EA | | | 1 | | | 1 |
| Remove Existing 3-4' Wide Bituminous Sidewalk | | LF | | | 773 | 654 | | 1427 |
| Remove Bituminous Apron | | SF | | | 1246 | 4269 | 613 | 6128 |
| Remove Bituminous Apron (Not at Driveway) | | SF | | | 78 | | | 78 |
| Install Mountable Bituminous Curb | | LF | | | 18 | | | 18 |
| Pipe Rail | | LF | | | 24 | 12 | | 36 |
| Remove & Rebuild Stonewall | | LF | | | 532 | | | 532 |
| Reset Water Curb Stop | | EA | | | | 4 | | 4 |
| Reset Gas Service Valve | | EA | | | 1 | 3 | | 4 |
| Brush/Tree Clearing Stumping and Removal | | SF | | | 6100 | 1100 | | 7200 |
| Remove Yew Hedge | | LF | | | | 26 | | 26 |
| Relocate 3' Dia. Boulder | | EA | | | | 1 | | 1 |
| Siltation Barrier | | LF | | | 220 | 240 | | 460 |
| Replace Type C CB With Type CL Top | | EA | | | | 1 | | 1 |
| Remove Pavement Around CB, Regrade, & Repave | | SF | | | | 90 | | 90 |
| Permanent Stone Check Dam | | EA | | | 1 | | | 1 |
| Remove Block Headwall | | EA | | | 1 | | | 1 |
| New CL CB With Risers and Sump | | EA | | | 1 | | | 1 |
| 30" HDCPP | | LF | | | 55 | | | 55 |
| 30" Flared End Section | | EA | | | 1 | | | 1 |
| Rip-Rap Scour Pad | | SF | | | 45 | | | 45 |
| Remove Landscape Bed | | SF | | | | 68 | 22 | 90 |
| 5" Concrete Pad for Bench | | SF | | | | | 50 | 50 |
| Open Bench at Bus Stop | | EA | | | | | 1 | 1 |
| Raise Telephone Manholes | | EA | | | | | 1 | 1 |
| Remove/Relocate Light Standard | | EA | | | | | 1 | 1 |
| Plant 2" Japanese Maple | | EA | | | | 1 | | 1 |
| Sawcut Pavement in Front of Driveways & Sidewalks | | LF | 72 | | 524 | 1298 | 168 | 2062 |
| Patch Pavement in Front of Driveways & Sidewalks (2') | | SF | 72 | | 564 | 1970 | 168 | 2774 |
| Sawcut Driveways and sidewalks | | LF | | 113 | 280 | 720 | 88 | 1201 |
| Repair Area Rear of Walk & Sidewalks & Driveways (2') | | SF | | 88 | 258 | 720 | 88 | 1154 |
| Install Landscape Trees | | EA | | | | 3 | | 3 |
| Prune Dogwood | | EA | | | | 1 | | 1 |
| Sawcut 3' concrete sidewalks | | EA | | | | 8 | | 8 |
| Remove concrete sidewalks | | SF | | 220 | | 50 | | 270 |
| Common Fill | | CU YD | 0 | 50 | 400 | 0 | 150 | 600 |
| Subbase gravel | | CU YD | 150 | 250 | 375 | 425 | 125 | 1325 |
| Reset property corner pin | | EA | | | | | 1 | 1 |
| Reset CHD | | EA | | | | | 1 | 1 |
| Install rip-rap at Lake Street drainage | | CU YD | | | 10 | | | 10 |
| Install 2" traprock at Lake Street drainage | | CU YD | | | 2 | | | 2 |

PROGRESS PRINT
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— NOT FOR CONSTRUCTION —



| | | |
|---|----------------------|----------------|
| REVISION #1: JULY 27, 2023 | | |
| DETAILED ESTIMATE SHEET | | |
| TOWN OF VERNON STAND ALONE SIDEWALKS LOTICIP - L146-0001 | | |
| TOWN OF VERNON ENGINEERING DEPARTMENT 55 WEST MAIN STREET, VERNON, CT 06066 | | |
| SCALE: N.T.S. | DATE: APRIL 17, 2023 | SHEET: 2 OF 39 |
| FILE: \\ENGINEERING\STAND ALONE SIDEWALKS\TITLE SHEET.DWG | | |

GENERAL NOTES:

- TOPOGRAPHIC INFORMATION IS BASED ON THE TOWN OF VERNON GIS DATA SUPPLEMENTED BY SURVEYED FIELD LOCATIONS. PROPERTY LINES WERE TAKEN FROM, GIS MAPPING, MONUMENTATION RECOVERED, AND RECORD MAPPING.
- THE LOCATION OF THE UTILITIES SHOWN SHOULD BE CONSIDERED TO BE APPROXIMATE AND NEED TO BE VERIFIED BY THE CONTRACTOR BY COMPLYING WITH THE REQUIREMENTS OF CALL BEFORE YOU DIG. A MARK-OUT REQUEST MUST BE MADE TO 800-922-4455, 811, OR THROUGH THE ONLINE CBYD PORTAL.
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE TOWN INSPECTOR OR TOWN ENGINEER IMMEDIATELY.
- SEDIMENT AND EROSION CONTROL AS DEPICTED ON THESE PLANS SHALL BE IMPLEMENTED PRIOR TO CONSTRUCTION & MAINTAINED UNTIL PERMANENT COVER STABILIZATION IS ESTABLISHED. ALL SEDIMENT & EROSION CONTROL MEASURES SHALL CONFORM TO THE “2002 CONNECTICUT GUIDELINES FOR SOIL EROSION & SEDIMENT CONTROL”, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
- SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF GREATER THAN ONE INCH.
- ACCUMULATED SEDIMENT SHALL BE REMOVED AS REQUIRED TO KEEP SILT FENCE FUNCTIONAL. IN ALL CASES DEPOSITS SHALL BE REMOVED WHEN THE ACCUMULATED SEDIMENT HAS REACHED THE ONE-HALF HEIGHT ABOVE THE GROUND HEIGHT OF THE FENCE.
- LOCATION OF THE LAYDOWN AREA, INCLUDING CONSTRUCTION ENTRANCE PAD AND STOCKPILE LOCATIONS, SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. ALL STOCKPILES SHALL BE PROTECTED WITH SILT FENCE OR HAYBALES (NO SEPARATE PAYMENT). IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY REQUIRED LAYDOWN OR STOCKPILE AREAS AS NECESSARY.
- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE TOWN OF VERNON STANDARDS AND SPECIFICATION FOR CURBS, SIDEWALKS, AND STREET EXCAVATION AND STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 817 DATED 2019 OR LATEST SUPPLEMENTS, AND AS SUPPLEMENTED IN THE SPECIAL PROVISIONS.
- THE PLANS REQUIRE CONTRACTOR’S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
- ALL SLOPES OR DISTURBED AREAS ARE TO BE STABILIZED WITH A MINIMUM OF 4 INCHES OF TOPSOIL, AND SEEDED WITH GRASS. REFER TO SPECIAL PROVISIONS FOR SEEDING SCHEDULE. THE CONTRACTOR SHALL YORK RAKE THE TOPSOIL PRIOR TO TURF ESTABLISHMENT, IF REQUIRED. THE COST OF “YORK RAKING” SHALL BE INCLUDED IN THE ITEM “FURNISHING AND PLACING TOPSOIL”.
- ALL MAILBOXES SHALL BE RELOCATED USING EXISTING SUPPORTS. WHERE EXISTING SUPPORTS ARE NOT SUITABLE FOR RELOCATION, THE CONTRACTOR SHALL PROVIDE A SIMILAR APPLICATION AT NO ADDITIONAL EXPENSE. THIS WORK SHALL BE INCLUDED IN THE COAST OF “CLEARING AND GRUBBING”.
- ALL RELOCATED SIGNS SHALL BE INSTALLED ON NEW POSTS WITH NEW HARDWARE, UNLESS DETERMINED OTHERWISE BY THE ENGINEER IN THE FIELD.
- IRON PINS OR MONUMENTS DISTURBED BY CONSTRUCTION SHALL BE RESET BY A CONNECTICUT LICENSED LAND SURVEYOR, WHICH SHALL BE INCLUDED IN THE COST OF CLEARING AND GRUBBING.
- THE CONTRACTOR SHALL WALK THE PROJECT PRIOR TO CONSTRUCTION WITH THE TREE WARDEN AND TOWN ENGINEER. TREES TO BE REMOVED SHALL BE MARKED IN THE FIELD. EXTREME CARE SHALL BE EXERCISED TO PROTECT ALL TREES NOT DESIGNATED FOR REMOVAL. THE COST OF THIS WORK SHALL BE INCLUDED IN “CLEARING AND GRUBBING”. THE TRIMMING OF TREES SHALL BE PERFORMED BY A CONNECTICUT LICENSED ARBORIST. THE COST OF TREE REMOVAL AND TRIMMING SHALL BE INCLUDED IN “CLEARING AND GRUBBING”.
- CALCIUM CHLORIDE AND WATER PLACED FOR DUST CONTROL, AND SWEEPING SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE SOIL CONSERVATION SERVICE HANDBOOK, OR AS DIRECTED BY THE ENGINEER, UNTIL ALL AREAS ARE STABILIZED OR SURFACES ARE TREATED. THE COST FOR THIS ITEM SHALL BE PAID UNDER THE RESPECTIVE DUST CONTROL ITEM.
- INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AS SHOULD NOT BE CONSIDERED COMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED BY CALLING “CALL BEFORE YOU DIG”, DIAL 811; OR GO TO [WWW.CBYD.COM](http://www.cbyd.com) AT LEAST TWO FULL WORK DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- THE CONTRACTOR SHALL TAKE PRECAUTION TO PREVENT DAMAGE TO EXISTING WATER MAINS, GAS MAINS AND OTHER UNDERGROUND UTILITIES WHEN OPERATING HEAVY MACHINERY.
- THE CONTRACTOR SHALL RELOCATE OR ADJUST PRIVATELY OWNED UTILITY SERVICE CONNECTIONS ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE NOTED. ELEVATIONS OF ALL RELOCATED OR ADJUSTED UTILITIES TO MATCH THE PROPOSED GRADE, UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL WORK REQUIRED TO RESET PRIVATE UTILITY OWNED GATE BOXES TO FINISHED GRADE SHALL BE COMPLETED BY THE RESPECTIVE UTILITY COMPANY.
- THE CONTRACTOR SHALL HAND DIG AROUND EXISTING UTILITIES AND MUST PROVIDE TEMPORARY SUPPORT FOR EXISTING UTILITIES AS REQUIRED TO ACCOMPLISH THE WORK. THERE SHALL BE NO SEPARATE PAYMENT FOR THIS THIS WORK, BUT SHALL BE INCLUDED IN THE VARIOUS ITEMS COMPRISING THE WORK.
- ALL WASTE MATERIALS (INCLUDING WASTEWATER) SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAW. LITTER AND DEBRIS SHALL BE PICKED UP AT THE END OF EACH WORK DAY.
- ANY MAINTENANCE OR REFUELING OF EQUIPMENT AND VEHICLES SHALL BE PERFORMED AT LEAST 50 FEET FROM WETLANDS OR WATERCOURSES. OIL, GASOLINE, DIESEL FUEL, AND CHEMICALS NEEDED AT THE SITE SHALL BE STORED IN A SECONDARY CONTAINER AT LEAST 50 FEET FROM WETLANDS OR WATERCOURSE AND OUTSIDE OF FLOODPLAIN AND FLOODWAY LIMITS TO PREVENT CONTAMINATION FROM POSSIBLE LEAKS.□

MAP REFERENCES:

HARTFORD TURNPIKE – DART ROAD – WEST ROAD

- SUBDIVISION PLAN LAND OF THE TOWN OF VERNON KNOW AS ECKER FARM / SKINNER INN 765 HARTFORD TURNPIKE CONN. RTE. 30 AND DART RD.; DATE OCT. 15 1990; SHEET NO. 1 OF 1; AS PREPARED BY TOWN OF VERNON, CONNECTICUT ENGINEERING DEPARTMENT 14 PARK PLACE VERNON, CONN. 06066. THIS MAP IS FILED AS MAP #3240 IN THE VERNON TOWN CLERK’S OFFICE.
- SITE PLAN ROCKVILLE BAPTIST CHURCH #825 HARTFORD, TURNPIKE VERNON, CONNECTICUT; PALMBERG & RUSSO; BY RL; SCALE 1”=40”; SHEET 2 OF 6; CHECKED J.R.R.; NO. 84190.
- CODE VIOLATION PROJECT VERNON CENTER MIDDLE SCHOOL, VERNON, CONNECTICUT, FRIAR ASSOCIATES, INC. SHEET NO. L-1
- CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP WEST FROM THE HARTFORD TURNPIKE NORTHERLY TO GRAND AVE, NUMBER 146-07; SHEET 1 OF 3.
- SEVERAL SHEETS OF 22 SHEET SET OF WORK SHEETS FOR HARTFORD TURNPIKE RECEIVED FROM THE DOT LABELED 146-08.

SOUTH STREET

- LAND OF STEPHEN NAGY ROCKVILLE, CONN. SURVEYED OCT. 13-14 1932; SCALE: - 40 FEET = 1 INCH; C. H. BANCROFT, SURVEYOR; LINES OF LAND OF GEO. W. SCHAEFFER PER SURVEY OF SEPT 1947 SHOWN IN RED.
- PROPERTY OF LAWRENCE H. ROYAL TOWN OF VERNON CONN.; SCALE: 1”=40”; ROBERT H. CHAMBERS, C.E., MARCH 1950; REVISED OCT. 1951.
- GROVE – VERNON ASSOCIATES LIMITED PARTNERSHIP 101 SOUTH STREET VERNON, CONNECTICUT; SCALE 1” = 40”; DATE: APRIL 18, 1986; AS PREPARED BY NOK CIVIL ENGINEERING & LAND SURVEYING. THIS MAP IS FILED AS MAP #3494 IN THE VERNON TOWN CLERK’S OFFICE.
- SOUTH VILLAGE CONDOMINIUM SOUTH STREET VERNON, CONNECTICUT; BY M.L.T.; SCALE 1”=40”; DATE 10-30-87; SHEET NO. 1 OF 1; MAP NO. 5193-B AS PREPARED BY GARDNER & PETERSON ASSOCIATES.
- MORTGAGE SURVEY LAND OF LEWIS W. ILGEN TOWN OF VERNON, CONNECTICUT TO BE CONVEYED TO FRANK AND DONNA COLLINS; BY WLR; SCALE 1”=20”; DATE 2-28-90; SHEET NO. 1 OF 1; MAP NO. 8689-M AS PREPARED BY GARDNER & PETERSON ASSOCIATES. THIS MAP IS FILED AS MAP #2892 IN THE VERNON TOWN CLERK’S OFFICE.
- MAP SHOWING SOME LAND OF CHESTER C. BLONIAZ VERNON; CONNECTICUT; SCALE 1”=100”; TO BE CONVEYED TO DAVID J. WEBSTER; JULY 10, 1969; REVISED 7-22-69; BY EVERETT O. GARDNER, LS #4395.
- RESUBDIVISION PLAN LAND OF LOUIS F. & DIANE M. ALLEVO SOUTH STREET VERNON, CONNECTICUT; APRIL 3, 1989; REVISED THRU 9-21-89; F. T. CLARK ASSOCIATES, INC. THIS MAP IS FILED AS MAP #2789 IN THE VERNON TOWN CLERK’S OFFICE.
- PARCEL OF LAND TO BE CONVEYED BY DAVID J. WEBSTER VERNON, CONNECTICUT SCALE: 1”=40”; CONTAINS 1.76 ACRES; JANUARY 6, 1971 AS PREPARED BY ALFRED E. SCHINDLER, LS #5731.
- SITE PLAN STORM AND SANITARY SYSTEM LAYOUT FOR DAVID WEBSTER; SCALE: 1”=40”; DATE: 3-10-69; REVISED THRU 4-11-69; AS PREPARED BY JOHN R. POZZATO, P.E. CONSULTING ENGINEER VERNON, CONN. THIS MAP IS FILED AS MAP #711 IN THE VERNON TOWN CLERK’S OFFICE.

DOBSON ROAD

- CONNECTICUT DEPARTMENT OF TRANSPORTATION PROJECT NUMBER: 0171-0455 ROUTE 30 (HARTFORD TURNPIKE) AT DOBSON ROAD; TOWN(S): VERNON; DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN.
- AS-BUILT PLAN PREPARED FOR FIRESTONE TIRE & RUBBER COMPANY 327 HARTFORD TURNPIKE AKA CONN. RTE. 30 VERNON, CONNECTICUT; BY RHH; SCALE 1”=20”; DATED 10/07/87; SHEET NO. 1 OF 1; MAP NO. 7010AB AS PREPARED BY GARDNER & PETERSON ASSOCIATES.
- SCHEDULE A-3 DOBSON COMMONS AT DOBSON ROAD AND ACTIVE ADULT COMMUNITY VERNON, CONNECTICUT; DECLARANT KJB DEVELOPERS, LLC 20 GERALD DRIVE VERNON, CONNECTICUT; BY LF; CALE 1”=40”; DATE 9-10-03; SHEET NO. 1 OF 2; CHECKED JRR; NO. 2003-052 AS PREPARED BY J.R. RUSSO & ASSOCIATES. THIS MAP IS FILED AS MAP #4746 IN THE VERNON TOWN CLERK’S OFFICE.
- IRISH PUB RESTAURANTS, INC. VERNON, CONNECTICUT; ALTA/ACSM LAND TITLE SURVEY; PROPERTY LINE PLAN; DRAWING NUMBER SV-1; SHEET 1 OF 2; PROJECT NUMBER 40315 AS PREPARED BY VHB, INC.
- COMPILATION PLAN TOWN OF VERNON MAP SOWING LAND RELEASED TO KJB DEVELOPERS, LLC BY THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION DOBSON ROAD; SCALE 1”=40”; APRIL 2002; TOWN 146; PROJ. NO. 76-89; SERIAL NO. 90A; SHEET NO. 1 OF 1. THIS MAP IS FILED AS MAP #4556 IN THE VERNON TOWN CLERK’S OFFICE.
- CONNECTICUT DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP TOWN OF VERNON INTERSTATE 84 FROM THE MANCHESTER TOWN LINE EASTERLY TO THE TOLLAND TOWN LINE; SCALE 1”=80”; NUMBER 146-10; SHEET NO. 4 OF 14.
- TOWN OF VERNON MAP SHOWING LAND RELEASED TO TOWN OF VERNON BY THE STATE OF CONNECTICUT INTERSTATE ROUTE 84 (LIMITED ACCESS HIGHWAY); SCALE 1”=40”; FEB 1985; TOWN NO. 146; PROJECT NO. 76-89; SERIAL NO. 105A; SHEET 5 OF 7.
- CUMBERLAND FARMS, INC. FUEL & RETAIL STORE 343 HARTFORD TURNPIKE VERNON, CONNECTICUT, AUG 15, 2016; REVISED 9/6/16; DRAWING NUMBER AB-1; SHEET 1 OF 1; PROJECT NUMBER 42213.00 AS PREPARED BY VHB, INC.

TALCOTTVILLE ROAD

- SEWER EASEMENT PLAN PREPARED FOR SAMUEL BELSITO, JR. & PAULETTE A. BELSITO VERNON, CONN.; BY RHH, WLR; SCALE AS SHOWN; DATE APR. 18. 1984; SHEET NO. 1 OF 1; MAP NO. 5768E; REVISED 5-24-84 AS PREPARED BY GARDNER & PETERSON ASSOCIATES.
- AS BUILT PLAN PREPARED FOR ROGERS AUTOMOTIVE, INC. 209 TALCOTTVILLE ROAD VERNON, CONNECTICUT; BY RHH; SCALE 1”=40”; DATE 1-18-83; SHEET NO. 1 OF 1; MAP NO. 5768 AB AS PREPARED BY GARDNER & PETERSON ASSOC.
- LAND OF MARCIA L. JULIANO PROPOSED EXPANDED SEWER EASEMENT PREPARED FOR THE TOWN OF VERNON WATER POLLUTION CONTROL AUTHORITY; SCALE: 1”=20”; DATE: MAY 25, 2017; SHEET: 1 OF 1 AS PREPARED BY THE TOWN OF VERNON ENGINEERING DEPARTMENT.
- IMPROVEMENT LOCATION SURVEY RECORD DRAWING TRAIL RUN TALCOTTVILLE VERNON DEVELOPMENT, LLC 243 TALCOTTVILLE ROAD VERNON, CONNECTICUT; BY E.R.P.; SCALE 1”=30”; DATED 10-28-2021; SHEET NO. 1 OF 4; MAP NO. 9479-AB1; REVISED 12/14/2021 AS PREPARED BY GARDNER & PETERSON ASSOCIATES, LLC.
- RIGHT OF WAY SURVEY TOWN OF VERNON MAP SHOWING LAND ACQUIRED FROM TALCOTTVILLE VERNON DEVELOPMENT, LLC BY THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION TALCOTTVILLE ROAD CONN. RTE. NO. 83; SCALE 1”=100”; MAY 2018; TOWN NO. 146; PROJ NO 146-000; SERIAL NO. 135; SHEET 1 OF 2. THIS MAP IS FILED AS MAP #6052 IN THE VERNON TOWN CLERK’S OFFICE.
- EXISTING CONDITIONS PLAN PREPARED FOR 327 TALCOTTVILLE LLC DAVID W. BOBOWSKI, MANAGER 327 TALCOTTVILLE ROAD (ROUTE 83) VERNON, CONNECTICUT; PROPERTY SURVEY; DATE: OCT. 23, 2012; SCALE: 1” = 40”; PROJECT #2012138; SHEET 1 OF 1 AS PREPARED BY CME ASSOCIATES. THIS MAP IS FILED AS MAP #6474 IN THE VERNON TOWN CLERK’S OFFICE.
- TAX ID 03-004-00009 TAX ID 03-0004-0009B 243 & 253 TALCOTTVILLE ROAD VERNON, CONNECTICUT; ISSUED FOR LOCAL APPROVALS MAY 15, 2015; ALTA/ACSM LAND TITLE SURVEY PROPERTY SURVEY & TOPOGRAPHIC SURVEY; DRAWING NUMBER SV-1; SHEET 1 OF 2; PROJECT NUMBER 42120000; AS PREPARED BY VHB.
- IMPROVEMENT LOCATION SURVEY SITE PLAN OF DEVELOPMENT THE VILLAGE AT NAEK ROAD 291 & 293 TALCOTTVILLE ROAD 26, 32, 37, 38 & 46 NAEK ROAD VERNON, CONNECTICUT; BY E.R.P.; SCALE 1”=100”; DATE 03-17-2021; SHEET 1 OF 14; MAP NO. 5768B; REVISED THRU 01/17/2022 AS PREPARED BY GARDNER & PETERSON ASSOCIATES, LLC.
- RIGHT OF WAY SURVEY STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP TOWN OF VERNON TALCOTTVILLE ROAD FROM PITKIN ROAD NORTHEASTERLY TO WINDSORVILLE ROAD; SCALE 1”=40”; NUMBER 146-11; SHEET NO. 3 & 4 OF 12. THIS MAPS WERE OBTAINED FROM THE DOT DISTRICT 1 OFFICE AND ARE STAMPED PRELIMINARY.
- #333 TALCOTTVILLE ROAD CONN. ROUTE NO. 83 VERNON, CONNECTICUT; ISSUED FOR AS-BUILT DRAWING; PROPERTY & TOPOGRAPHIC SURVEY; DRAWING NUMBER AB-1; PROJECT NUMBER 41800.00 AS PREPARED BY VHB.

LAKE STREET

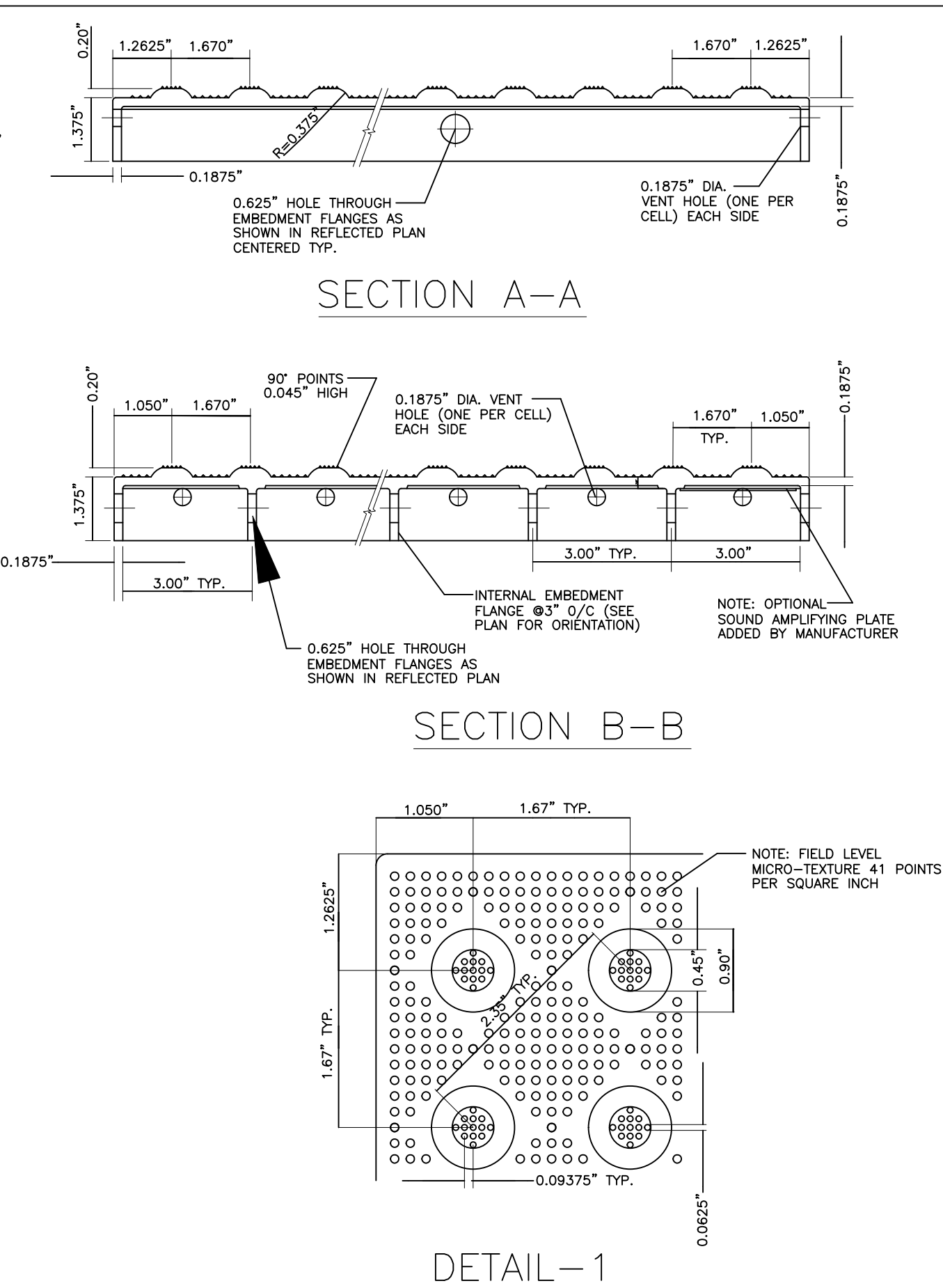
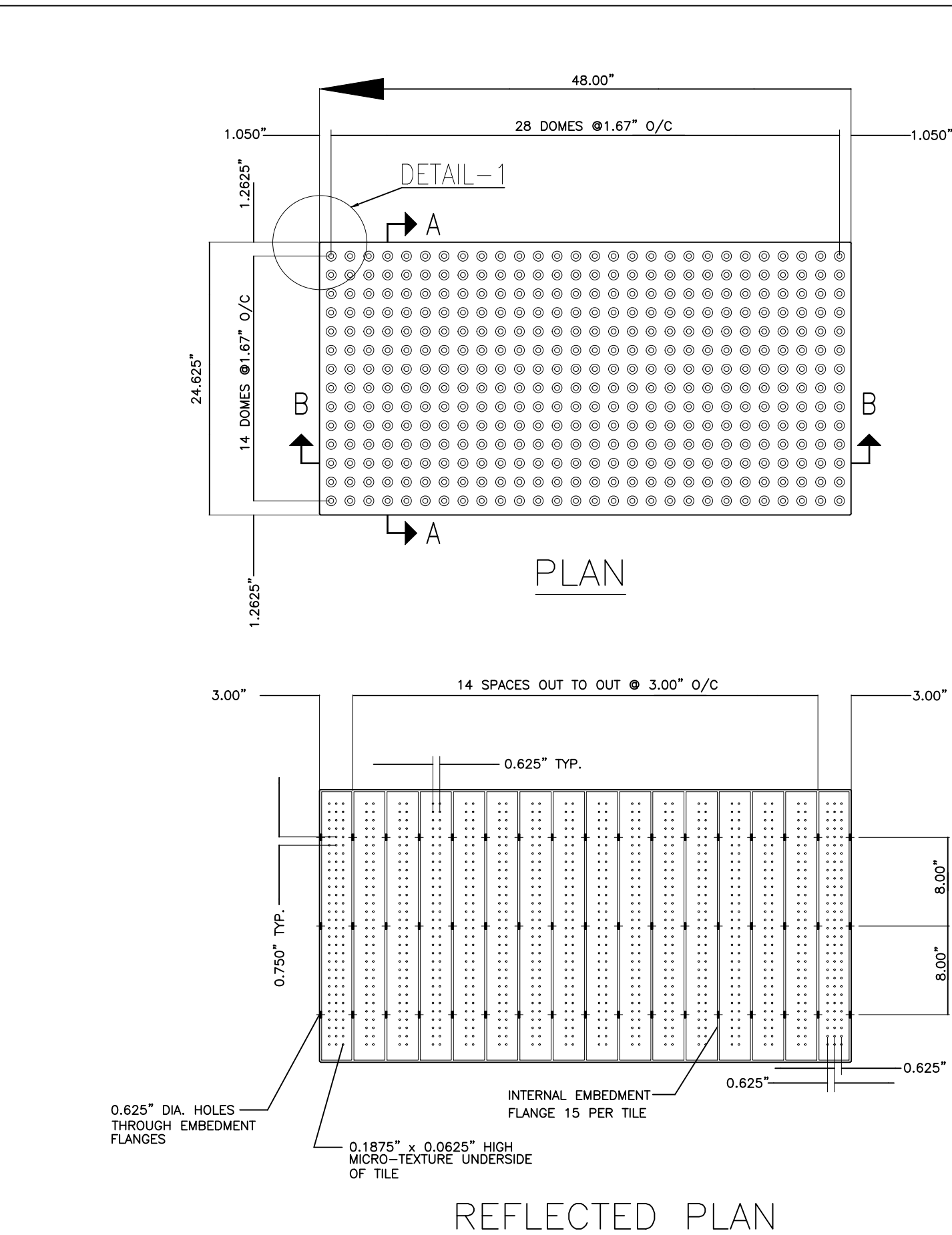
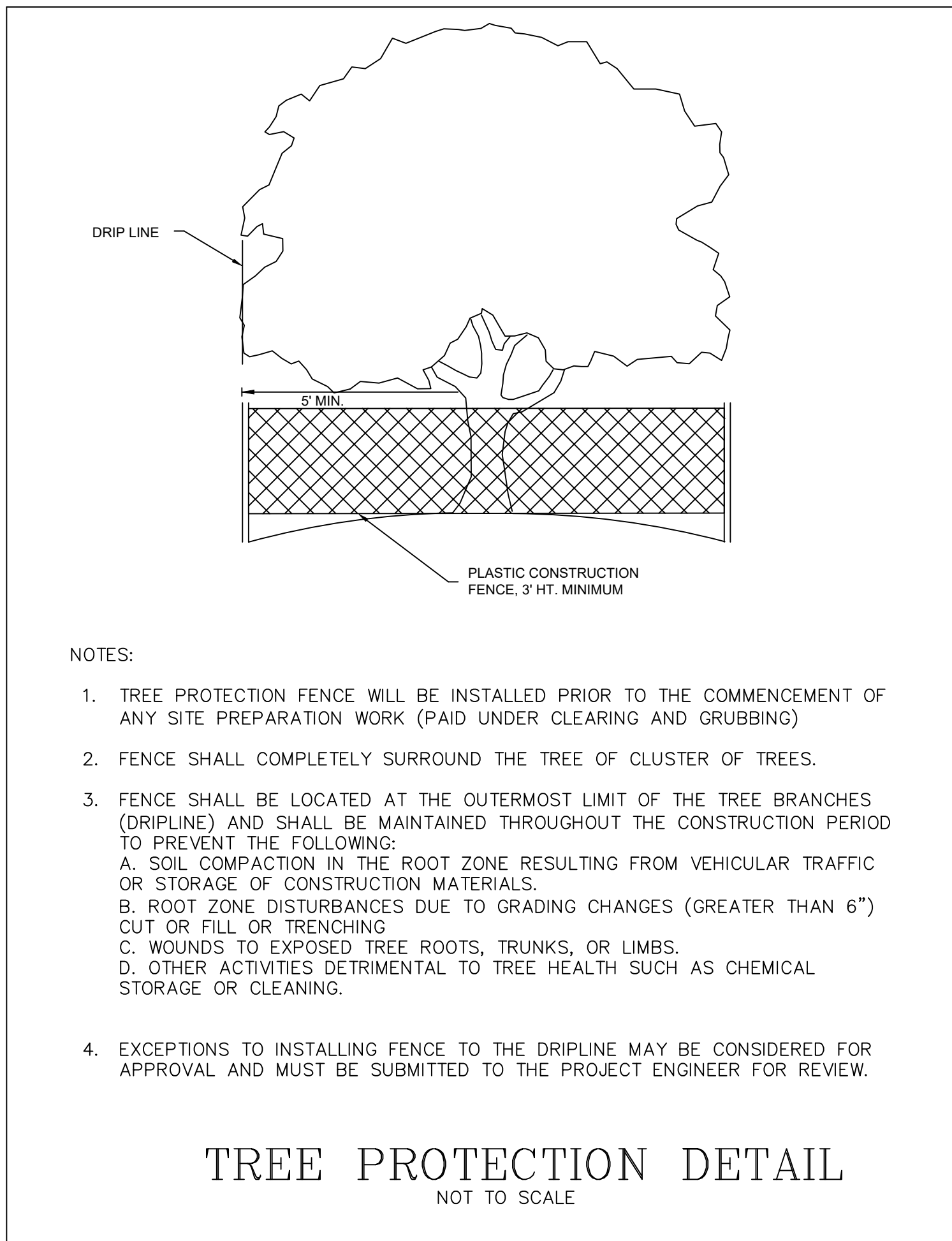
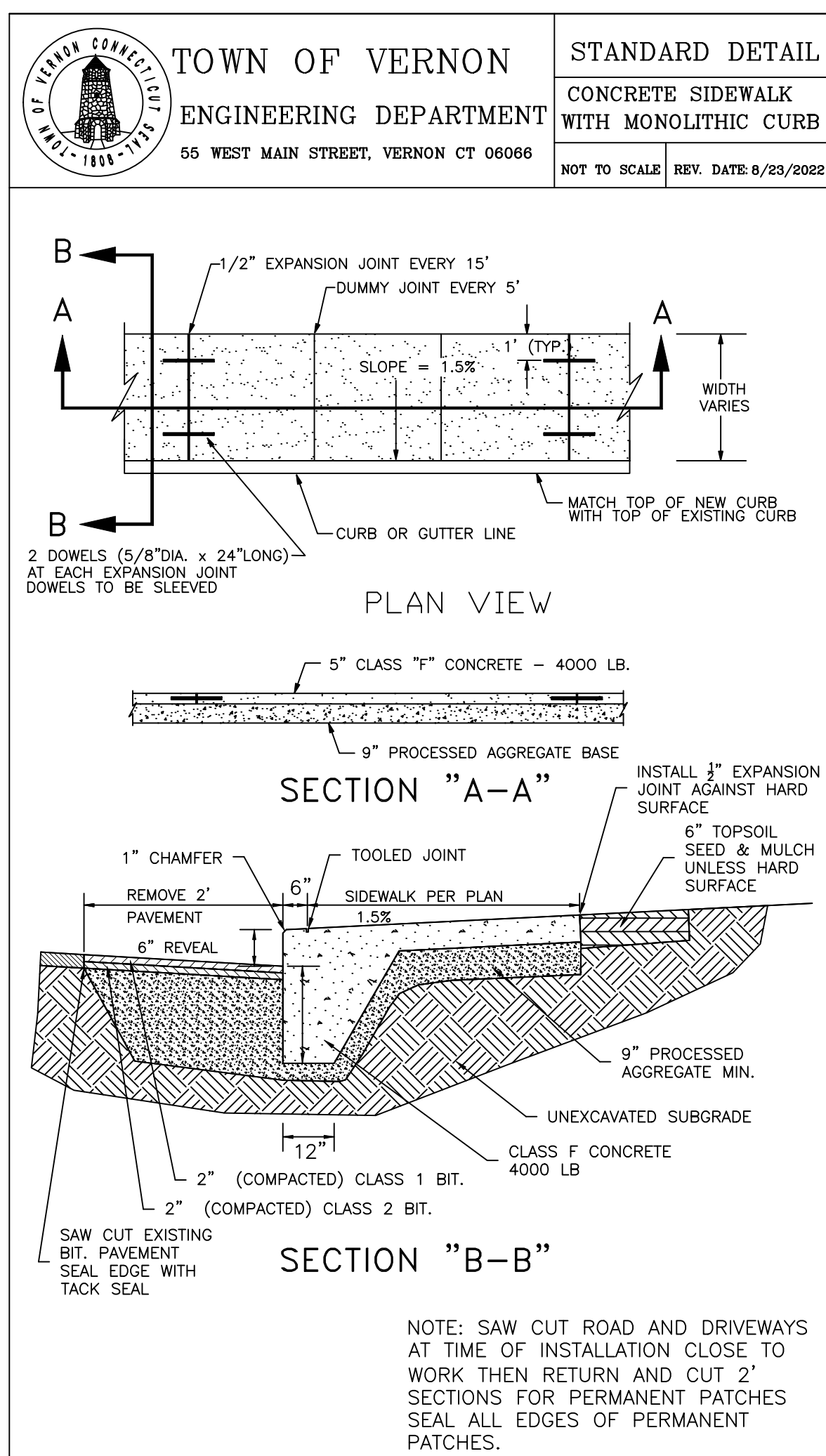
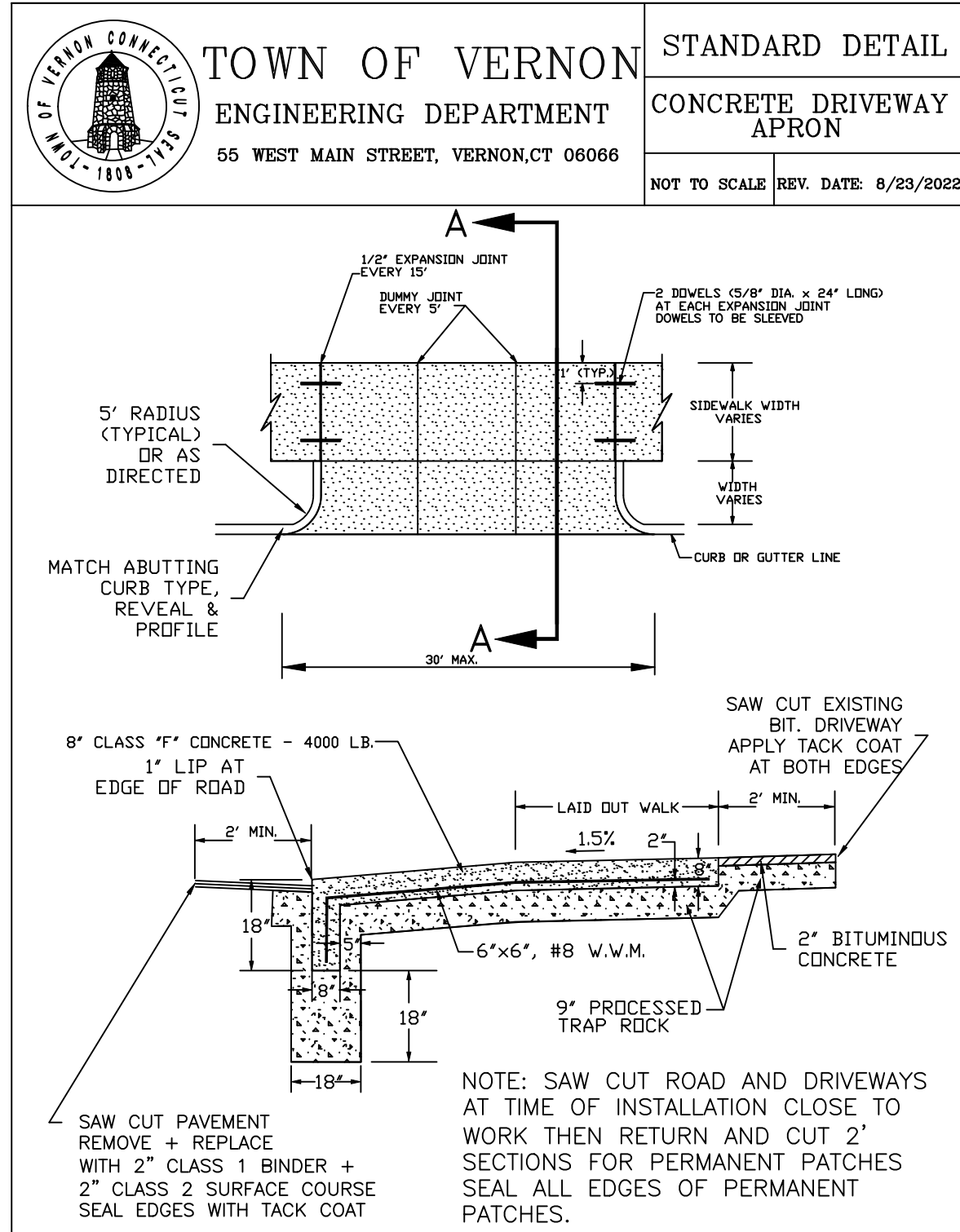
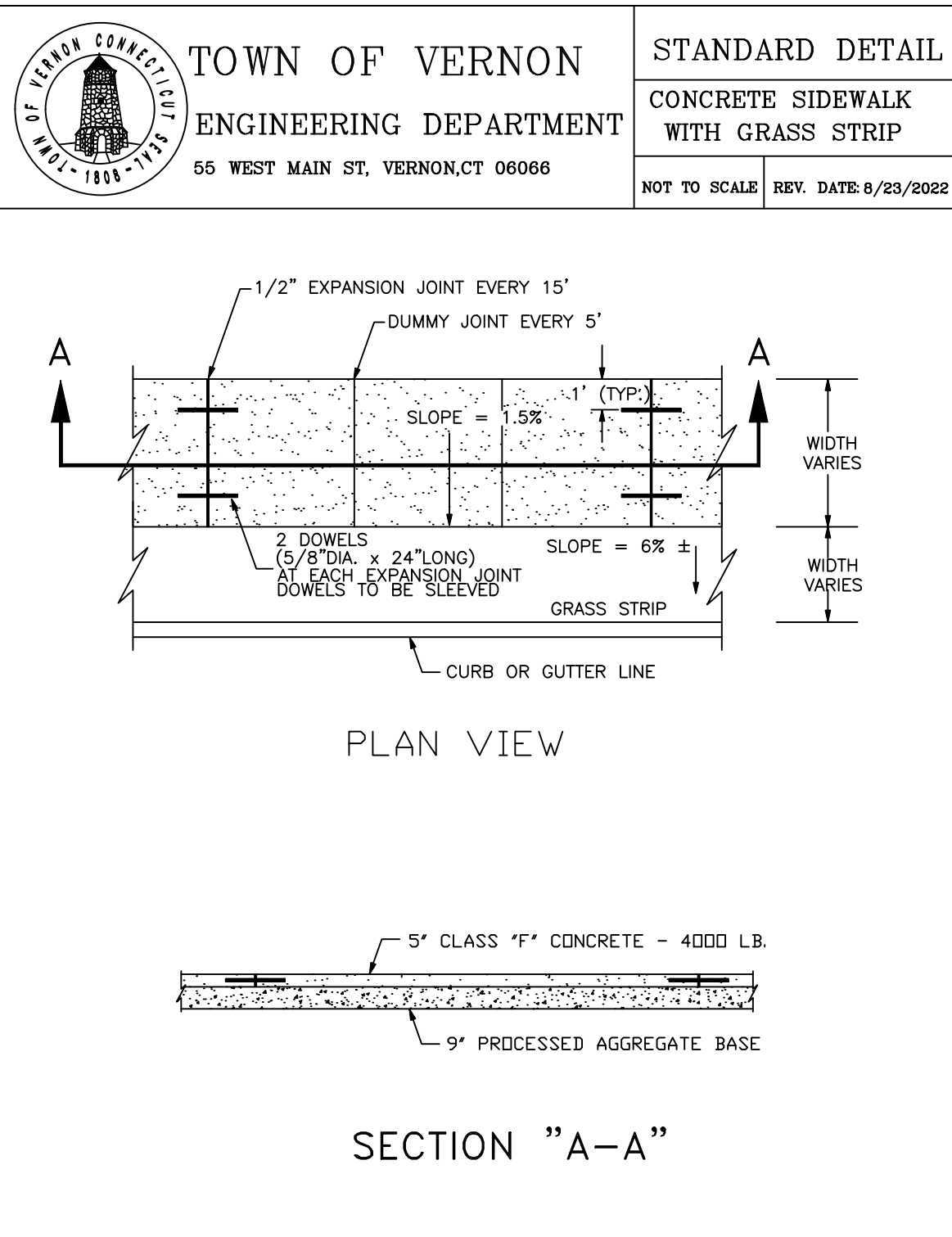
- LAKEWOOD SUBDIVISION SECTION 2 SAMUEL SCHRAGER & MARK LAVITT LAKE STREET VERNON, CONNECTICUT; JB NUMBER: 78-40; SCALE 1”=40” DATE: MAR. 1979; DRAWN: ED; DRAWING NO. 3 OF 4 AS PREPARED BY LENARD ENGINEERING, P.C. THIS MAP IS FILED AS MAP #1322 IN THE VERNON TOWN CLERK’S OFFICE.
- ALTA/NSPS LAND TITLE SURVEY 205 LAKE STREET VERNON, CONNECTICUT; PROPERTY AND TOPOGRAPHIC SURVEY – LEASE AREA & ACCESS EASEMENT AT LAKE STREET SCHOOL; PREPARED FOR JAKE SCHNEIDER EARTHLIGHT TECHNOLOGIES 92 WEST ROAD ELLINGTON, CT 06029; PROJECT NO. 4608; DATE: 2-15-2021; DRAWN BY: BDC; CHECKED BY: LRC AS PREPARED BY DESIGNED PROFESSIONALS.
- COMPILATION PLAN PREPARED FOR STEPHEN A. & MYRA L. JOHNSON LAKE STREET; BY W.W.L.; SCALE 1”=40”; DATE 2-24-00; SHEET NO. 1 OF 1; MAP NO. 8171 AS PREPARED BY GARDNER & PETERSON ASSOCIATES. THIS MAP IS FILED AS MAP #3982 IN THE VERNON TOWN CLERK’S OFFICE.
- SUBDIVISION PLAN PREPARED FOR JEAN CHAPLIN 127 LAKE STREET VERNON, CONN.; BY LAB; SCALE 1”=40”; DATE 1/16/92; SHEET NO. 1 OF 3; MAP NO. 8900; REVISED 4/8/92 AS PREPARED BY GARDNER & PETERSON ASSOCIATES. THIS MAP IS FILED AS MAP #3205 IN THE VERNON TOWN CLERK’S OFFICE.
- MAP OF MORELAND ACRES OWNED BY MORELAND ACRES INC. VERNON AND MANCHESTER CONN.; MAY 1956; SCALE 1”=100”; F. E. THRALL SURVEYOR. THIS MAP IS FILED AS MAP #172 IN THE VERNON TOWN CLERK’S OFFICE.
- SUBDIVISION PLAN PARCELS “A” & “B” PROPERTY OF PHYLLIS J. CHAPLIN VERNON, CONNECTICUT; SCALE: AS NOTED; SUBDIVIDER JACK CHAPLIN; ZONE: R 17 AS PREPARED BY STANLEY W. SZESTOWICKI, LS #7772. THIS MAP IS FILED AS MAP #1230 IN THE VERNON TOWN CLERK’S OFFICE.
- PROPERTY SURVEYED FOR THE TOWN OF VERNON PROPOSED SCHOOL – MAGUIRE – PROPERTY LAKE STREET SCHOOL – VERNON, CONN.; SCALE 1”=50”; FEB. 24, 1958; HAYDEN L. GRISWOLD C.E. THIS MAP IS FILED AS MAP #226 IN THE VERNON TOWN CLERK’S OFFICE.
- SITE PLAN; LAKE STREET ELEMENTARY SCHOOL VERNON, CONNECTICUT; SHEET NO. L-1 AS PREPARED BY FRIAR ASSOCIATES, INC. THIS MAP IS FILED AS MAP #2541 IN THE VERNON TOWN CLERK’S OFFICE.

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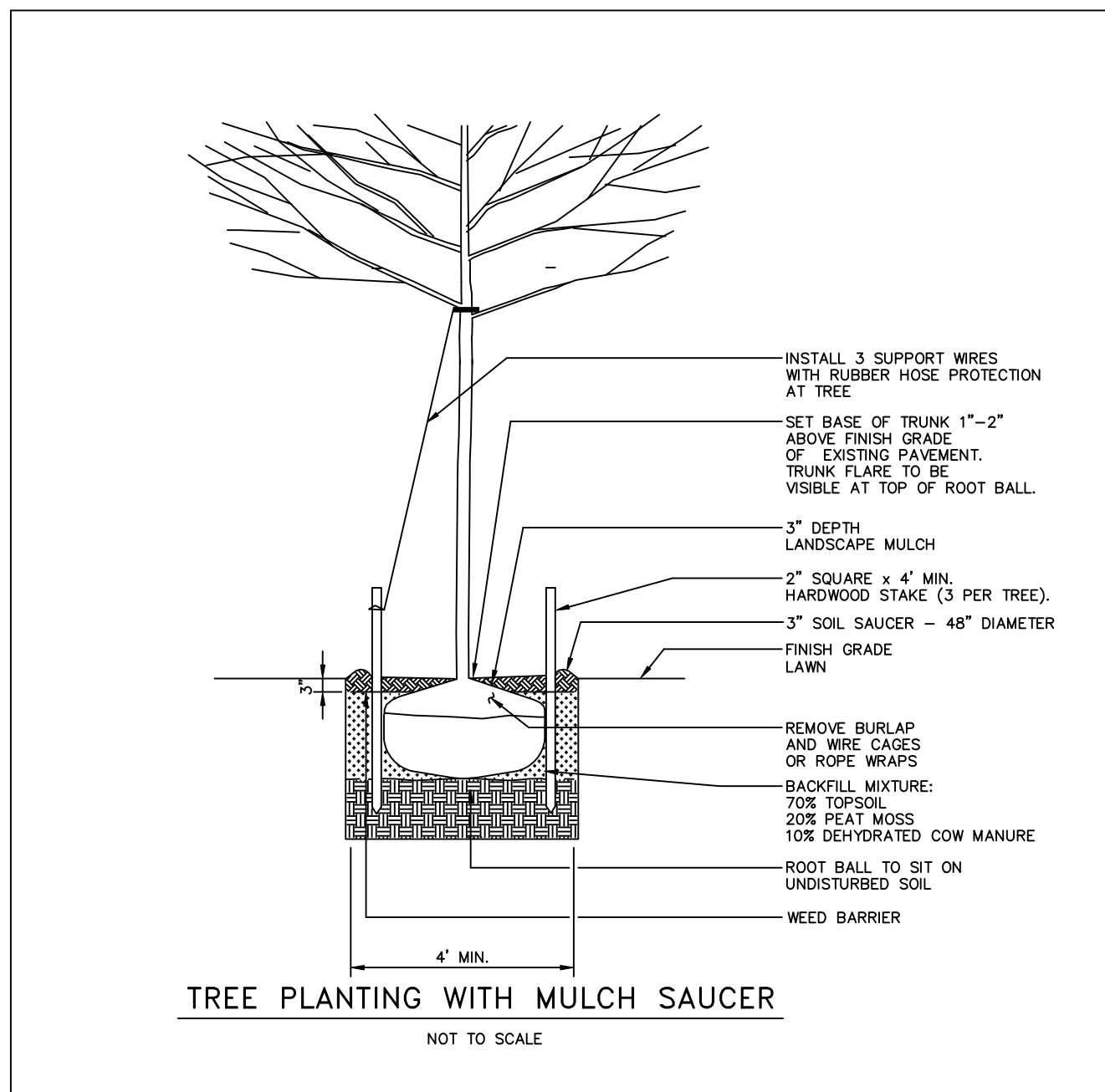
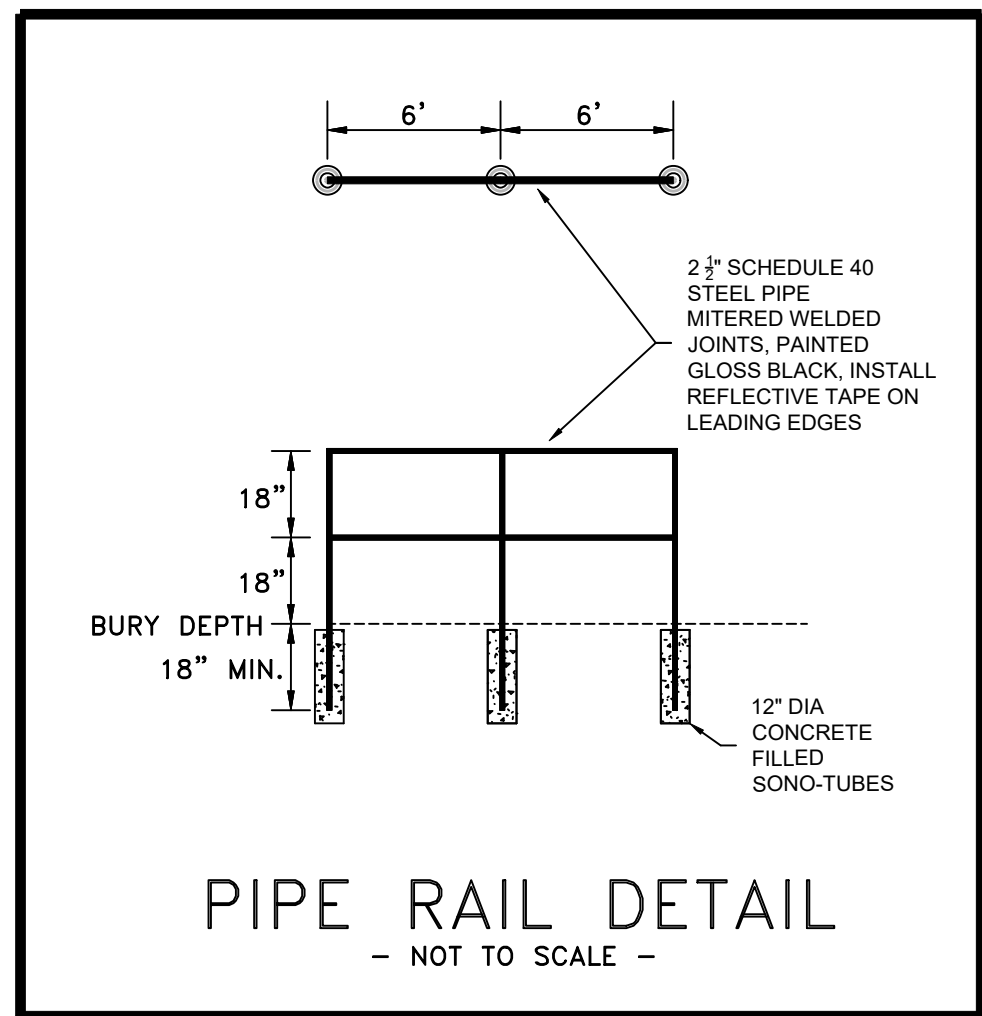
| NOTES | | |
|---|----------------------|----------------|
| TOWN OF VERNON STAND ALONE SIDEWALKS LOTICIP – L146-0001 | | |
| TOWN OF VERNON ENGINEERING DEPARTMENT 55 WEST MAIN STREET, VERNON, CT 06066 | | |
| SCALE: N.T.S. | DATE: APRIL 17, 2023 | SHEET: 3 OF 39 |
| FILE: \\ENGINEERING\STAND ALONE SIDEWALKS\TITLE SHEET.DWG | | |



NOTES:

MAINTAINING A 4"-7" SLUMP RANGE, PLACE AND FLOAT THE CONCRETE WITHOUT REMOVING ANY CONCRETE, PLACE THE TILE ON THE CURB RAMP 6"-8" FROM THE FACE OF CURB TAMP THE TILE GRID PATTERN ACROSS THE TOP FACE EMBEDDING THE TILE INTO THE CONCRETE PLACE TWO CONCRETE BLOCKS OR 25 LB. WEIGHTS ON THE TILE TO PREVENT FLOATING CREATE AN EDGE AROUND THE PERIMETER OF THE TILE USING A 3/8" RADIUS EDGING TOOL APPLY A BROOM FINISH THE CURB RAMP AFTER THE CONCRETE HAS CURED, REMOVE THE PROTECTIVE PLASTIC WRAP WITH A SHARP KNIFE IF CONCRETE HAS BLED UNDER THE PLASTIC, CLEAN THE TILE SURFACE WITH A SOFT WIRE BRUSH COLOR TO BE BRICK RED / FEDERAL YELLOW

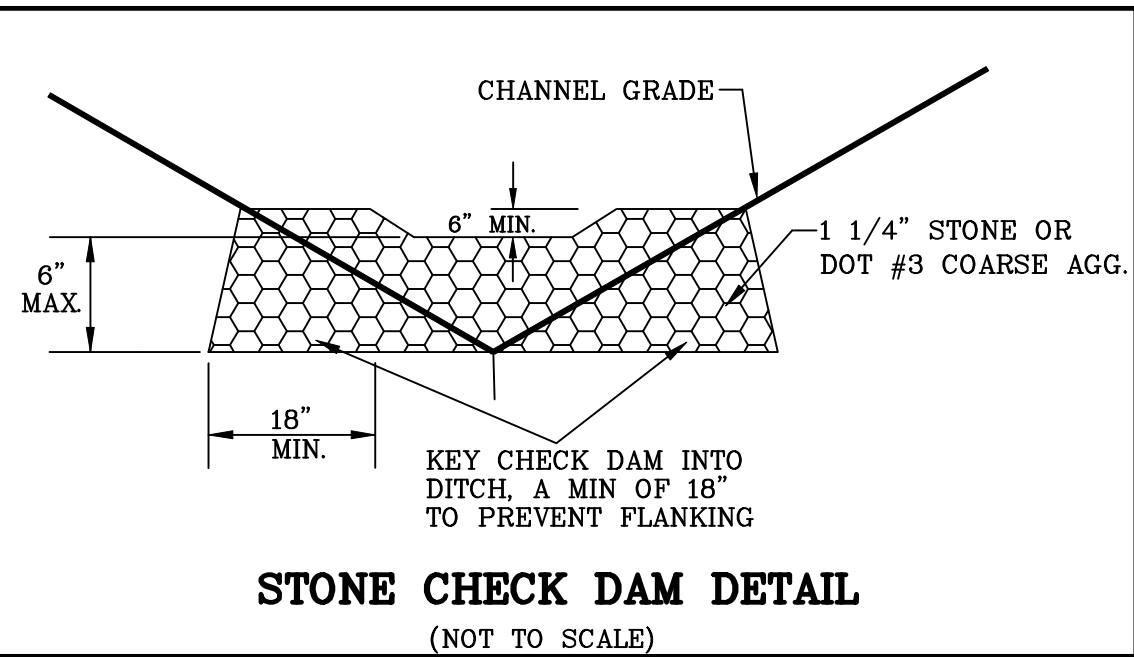
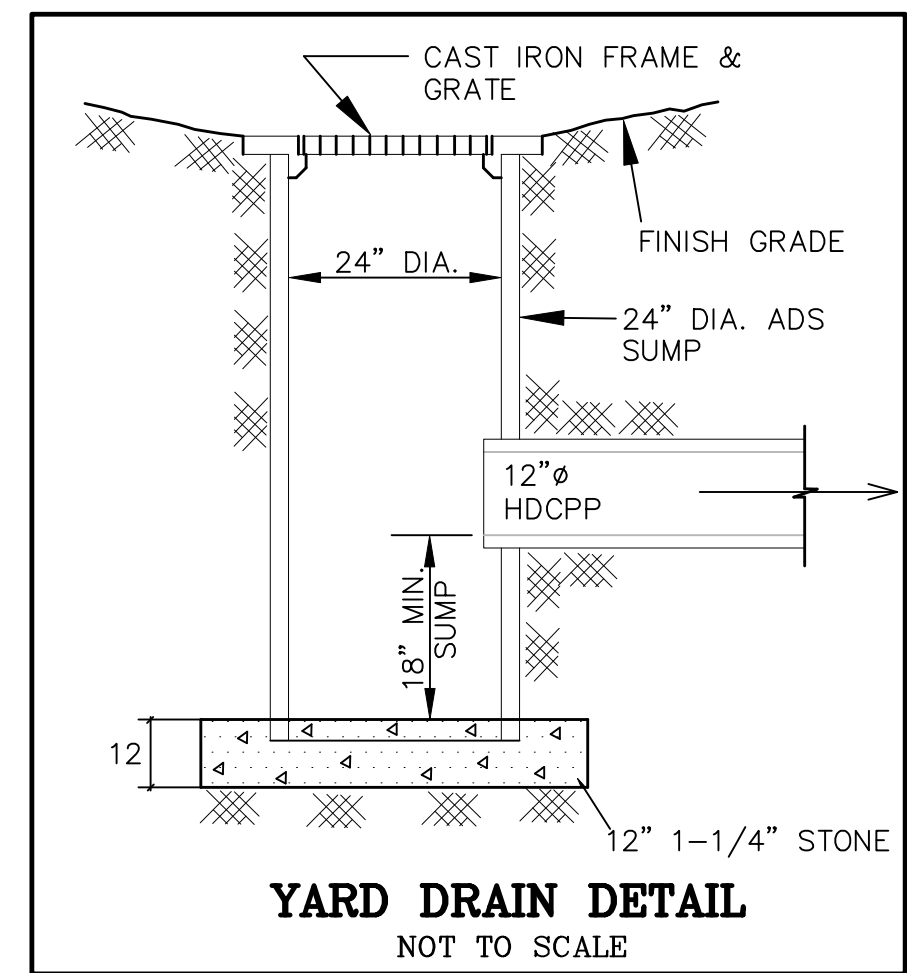
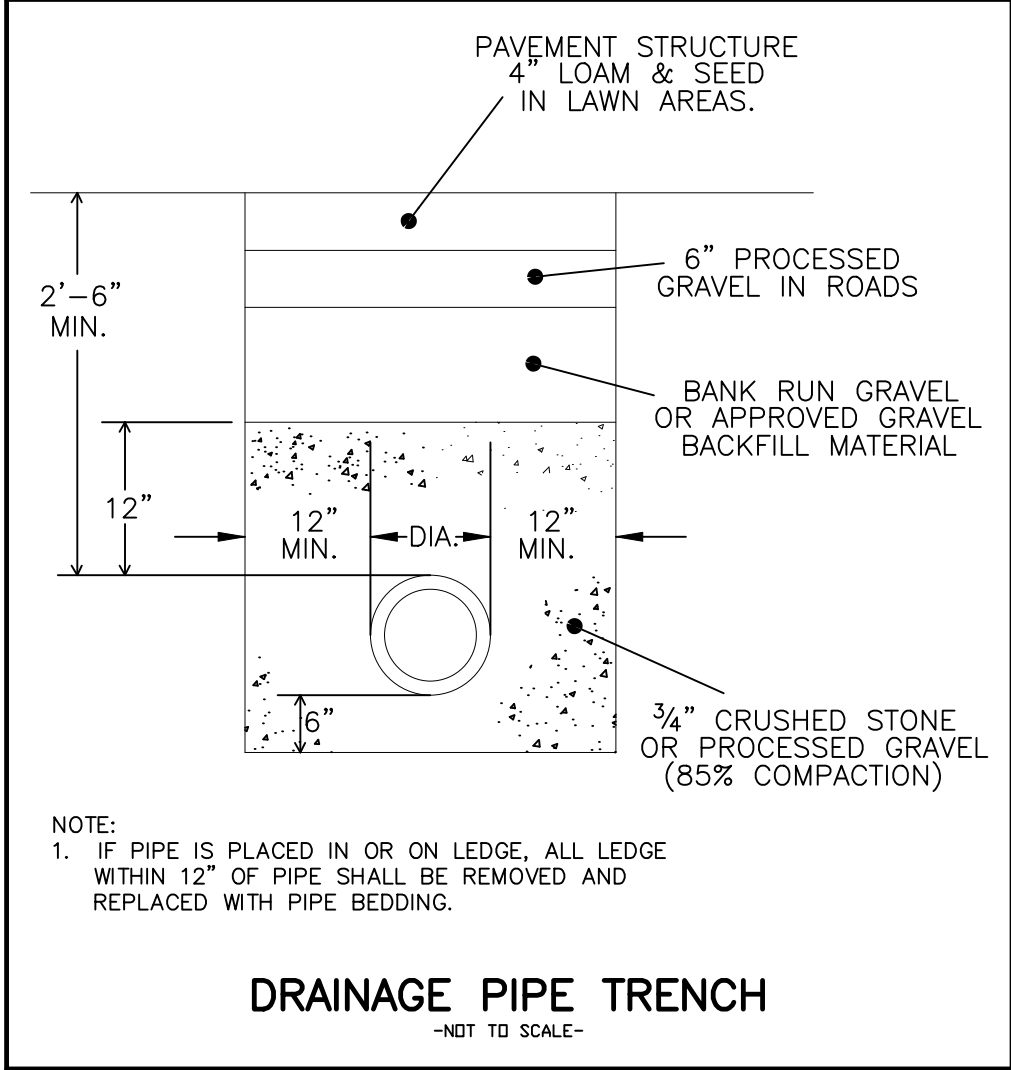
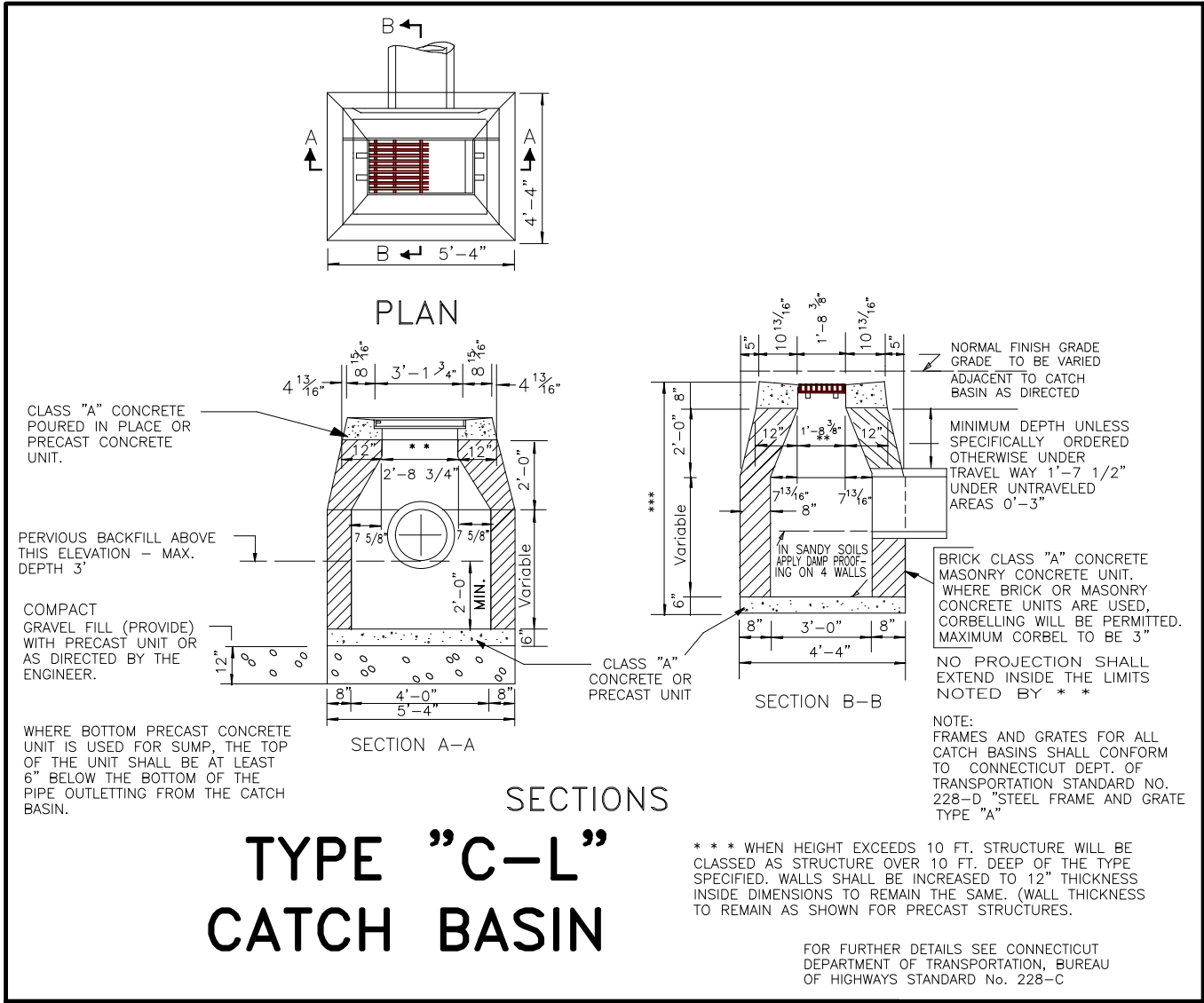
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| REVISION #1: JULY 27, 2023 | | |
| DETAILS - SHEET 1 | | |
| TOWN OF VERNON STAND ALONE SIDEWALKS LOTICIP - L146-0001 | | |
| TOWN OF VERNON ENGINEERING DEPARTMENT 55 WEST MAIN STREET, VERNON, CT 06066 | | |
| SCALE: N.T.S. | DATE: APRIL 17, 2023 | SHEET: 4 OF 39 |
| FILE: \\ENGINEERING\STAND ALONE SIDEWALKS\TITLE SHEET.DWG | | |



VEGETATIVE COVER FOR DISTURBED AREAS

ESTABLISHMENT PROCEDURES:

- SURFACES COMPACTED BY CONSTRUCTION EQUIPMENT SHOULD BE SCARIFIED TO A MINIMUM DEPTH OF 2" BEFORE PLACING TOPSOIL.
- A MINIMUM OF 4" OF TOPSOIL WILL BE PLACED ON ALL AREAS TO BE SEEDED.
- APPLY LIME AND/OR FERTILIZER ACCORDING TO SOIL TEST RESULTS. INCORPORATE FERTILIZER WITH SOIL TO A DEPTH OF 3". FINE GRADE SEEDBED BEFORE APPLYING SEED.
- APPLY SEED UNIFORMLY AND COVER BY LIGHTLY RAKING TO A MINIMUM DEPTH EQUAL TO THE LARGEST DIMENSION OF THE LARGEST SEED WHERE A MIXTURE IS USED. SMOOTH AND FIRM SEEDBED BY ROLLING.
- MULCH IMMEDIATELY, USING HAY OR STRAW AT A RATE OF 3 BALES PER 1,000 SQ. FT.
- ANCHOR MULCH WITH CELLULOSE FIBER MULCH OR EQUAL, APPLIED HYDRAULICALLY AT A RATE OF 700 LBS./ACRE.

MATERIALS:

FERTILIZER: COMPLETE COMMERCIAL FERTILIZER, 50% ORGANIC
LIME: RAW GROUND AGRICULTURAL LIMESTONE
MULCH: HAY OR STRAW (FREE FROM WEED SEEDS)

| AREA WHERE SEED MIX APPLIES | SEED MIX % BY WEIGHT | MIN. RATE PER 1,000 SQ. FT. ** | SEEDING DATES |
|---|--|--------------------------------|--|
| LAWN AREAS (3) | CREeping RED FESCUE 45 KENTUCKY BLUE GRASS 45 PERENNIAL RYE GRASS 10 | 1 LB. | APRIL 15 - JUNE 15 AUG. 15 - SEPT. 15 |
| ROAD CUTS & FILLS DIVERSION DITCHES WATERWAYS | TALL FESCUE (K-31) 45 REDTOP 10 CREeping RED FESCUE 45 | 1 LB. | APRIL 15-JUNE 15 AUG. 15-SEPT. 15 |
| VERY STEEP SLOPES (NO MAINTENANCE AREAS) | REED CANARY GRASS 50 REDTOP 15 BIRDSFOOT TREFOIL 35 | 3/4 LB. * INOCULATE SEED | SPRING ONLY APRIL 15-JUNE 15 |

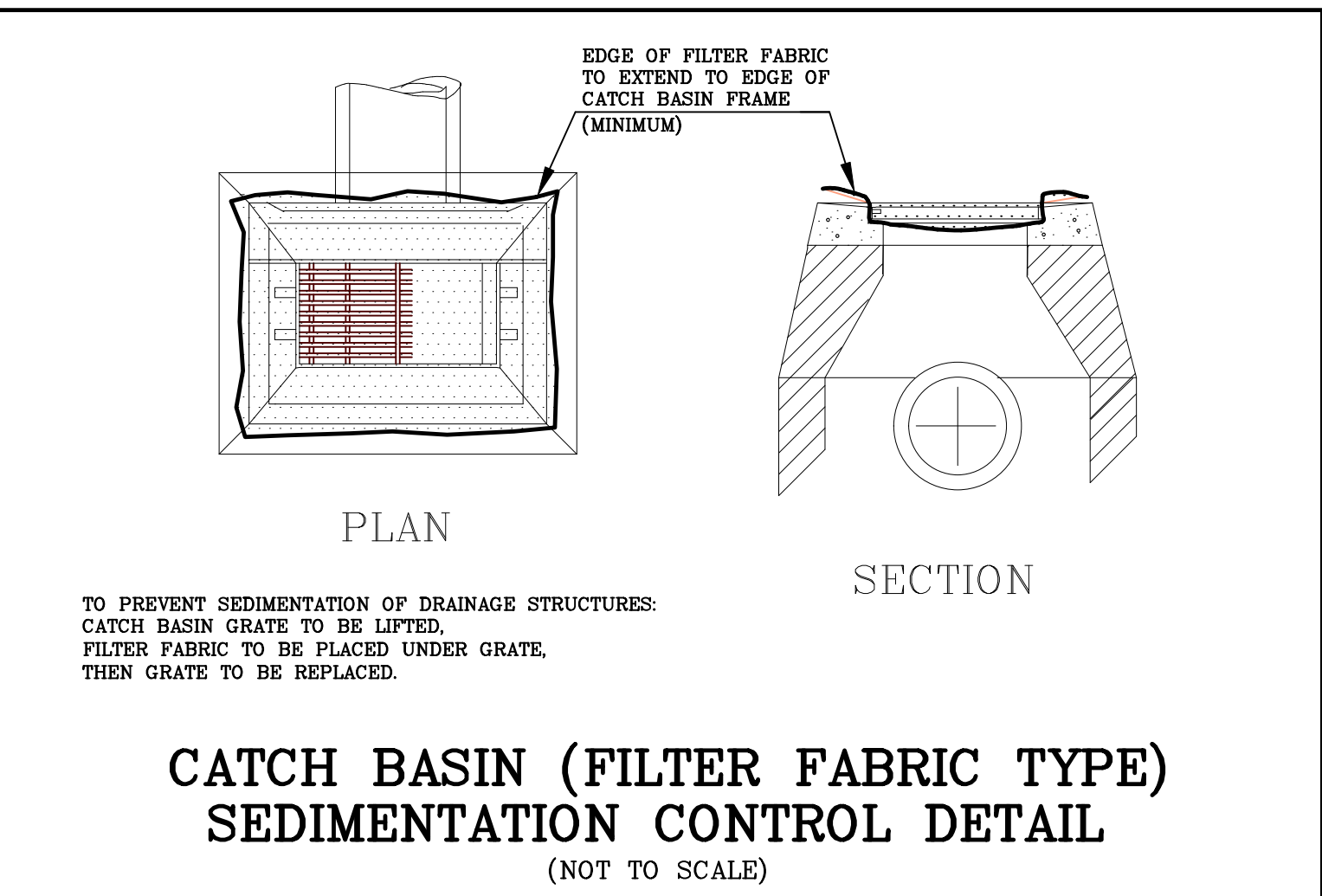
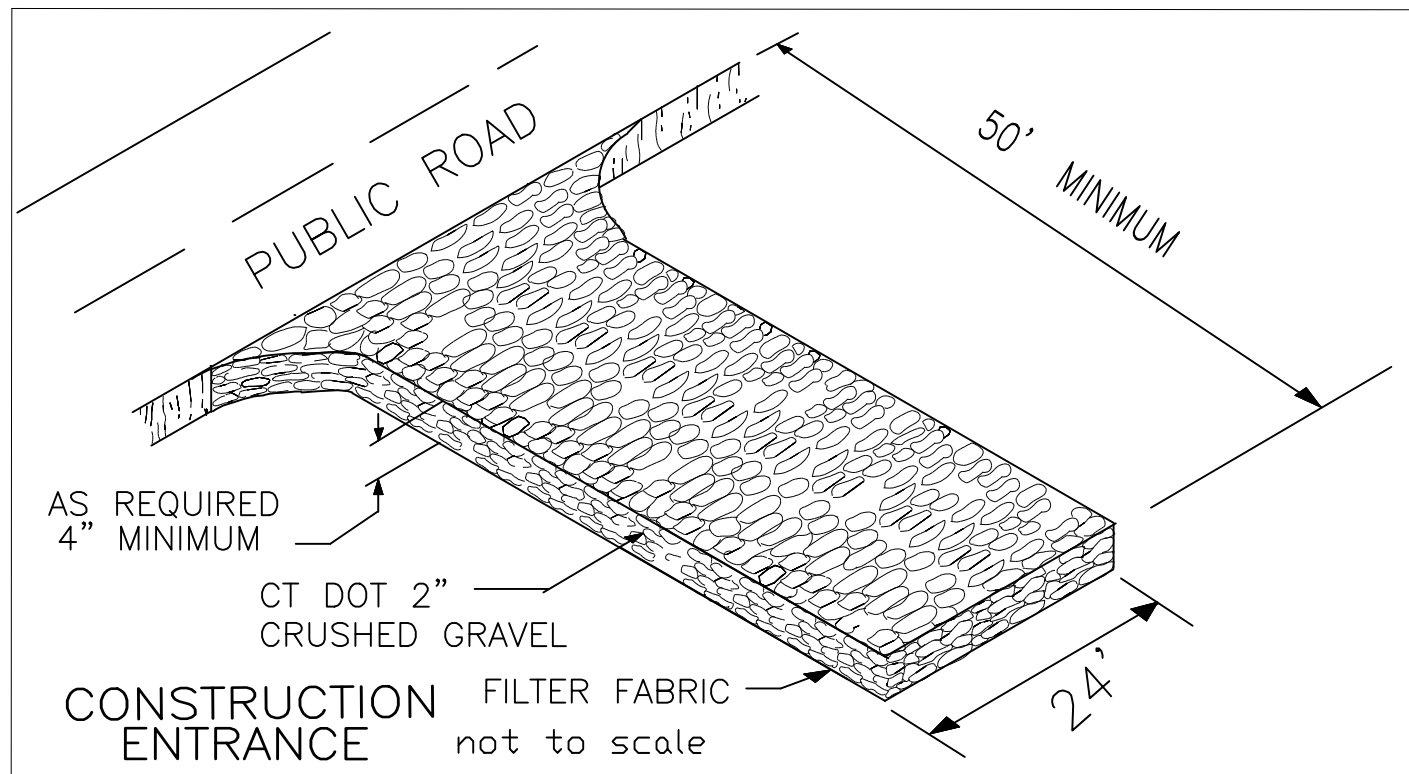
** INCREASE (4X) RATE WHEN HYDROSEEDING.

RECOMMENDED TEMPORARY SEEDINGS: WHERE FINAL GRADING IS NOT COMPLETED BY SEPT. 30, A TEMPORARY COVER WILL PROTECT THE SOIL OVER THE WINTER MONTHS.

| SEED (ALL AREAS) | RATE PER 1,000 SQ. FT. | SEEDING DATES |
|------------------|------------------------|----------------|
| WINTER RYE 100% | 3 LBS. | AUG. 15-OCT. 1 |

- ROLLING NOT RECOMMENDED ON SLOPES OF A GRADIENT STEEPER THAN 2:1.
- HYDROSEEDING MAY BE USED FOR APPLYING SEED, FERTILIZER, AND FIBER MULCH IN ONE OPERATION, IN LIEU OF USING STRAW OR HAY MULCH. USE RATE OF 1400 LB./ACRE FOR FIBER MULCH IN THIS TYPE OF OPERATION.
- SHADY MIX: 100% CREeping RED FESCUE OR 2:1 (65% : 35%) CREeping RED FESCUE AND K-31 TALL FESCUE RESPECTIVELY, AT 1/2 LBS./1000 SQ.FT.

* NOTE: ALTERNATE SUBJECT TO APPROVAL. FOR ADDITIONAL INFORMATION AND SUGGESTED ALTERNATIVES SEE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, JANUARY 1985, THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, CHAPTER 6 - VEGETATIVE MEASURES.



EROSION AND SEDIMENTATION CONTROL NOTES

PROJECT DESCRIPTION:

THIS PROJECT CONSISTS OF REMOVING AN EXISTING HEADWALL, INSTALLATION OF A NEW CATCH BASIN STRUCTURE, EXTENDING A NEW STORM WATER CULVERT, PLACING FILL, AND INSTALLATION OF A NEW SIDEWALK.

CONSTRUCTION SCHEDULE:

- MARK LIMITS OF CLEARING.
- INSTALL CONSTRUCTION ENTRANCE.
- CUT TREES, REMOVE LOGS AND BRUSH, OR RETAIN WOOD CHIPS ON SITE TO BE USED IN EROSION AND SEDIMENT CONTROLS AND FINAL SITE STABILIZATION.
- INSTALL HAY BALES, SILT FENCE, AND TEMPORARY CHECK DAMS AS SHOWN ON THE PLAN.
- REMOVE STUMPS AND LAND CLEARING DEBRIS AND DISPOSE OF PROPERLY OFF SITE.
- STRIP AND REMOVE TOPSOIL. TOPSOIL TO BE STOCKPILED FOR FINAL RESTORATION.
- REMOVE THE HEADWALLS AND DISPOSE OF PROPERLY OFF SITE.
- INSTALL CATCH BASIN, NEW CULVERT, FLARED END, AND RIP-RAP SCOUR HOLE.
- PLACE GENERAL FILL.
- INSTALL 6 INCHES OF TOPSOIL.
- FINISH GRADE SITE. FERTILIZE, SEED AND MULCH DISTURBED AREAS.
- REMOVE ALL TEMPORARY SEDIMENT AND EROSION CONTROLS ONCE SITE IS PERMANENTLY STABILIZED.

ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR THE START OF CONSTRUCTION AND SHALL REMAIN IN EFFECT UNTIL ALL DISTURBED AREAS ARE STABILIZED.

OPERATION AND MAINTENANCE:

IN GENERAL, EROSION AND SEDIMENTATION CONTROL AND RESTORATION MEASURES SHALL CONFORM TO THE "2002 CONNECTICUT E & S GUIDELINES" AS PUBLISHED BY THE DEEP AND TO LOCAL TOWN REQUIREMENTS.

PUBLIC WORKS PERSONNEL SHALL MAKE DAILY INSPECTIONS OF THE SITE TO ENSURE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES AND IMMEDIATELY MAKE NECESSARY REPAIRS.

ALL CONSTRUCTION TRAFFIC SHALL ENTER AND LEAVE BY THE CONSTRUCTION ENTRANCE.

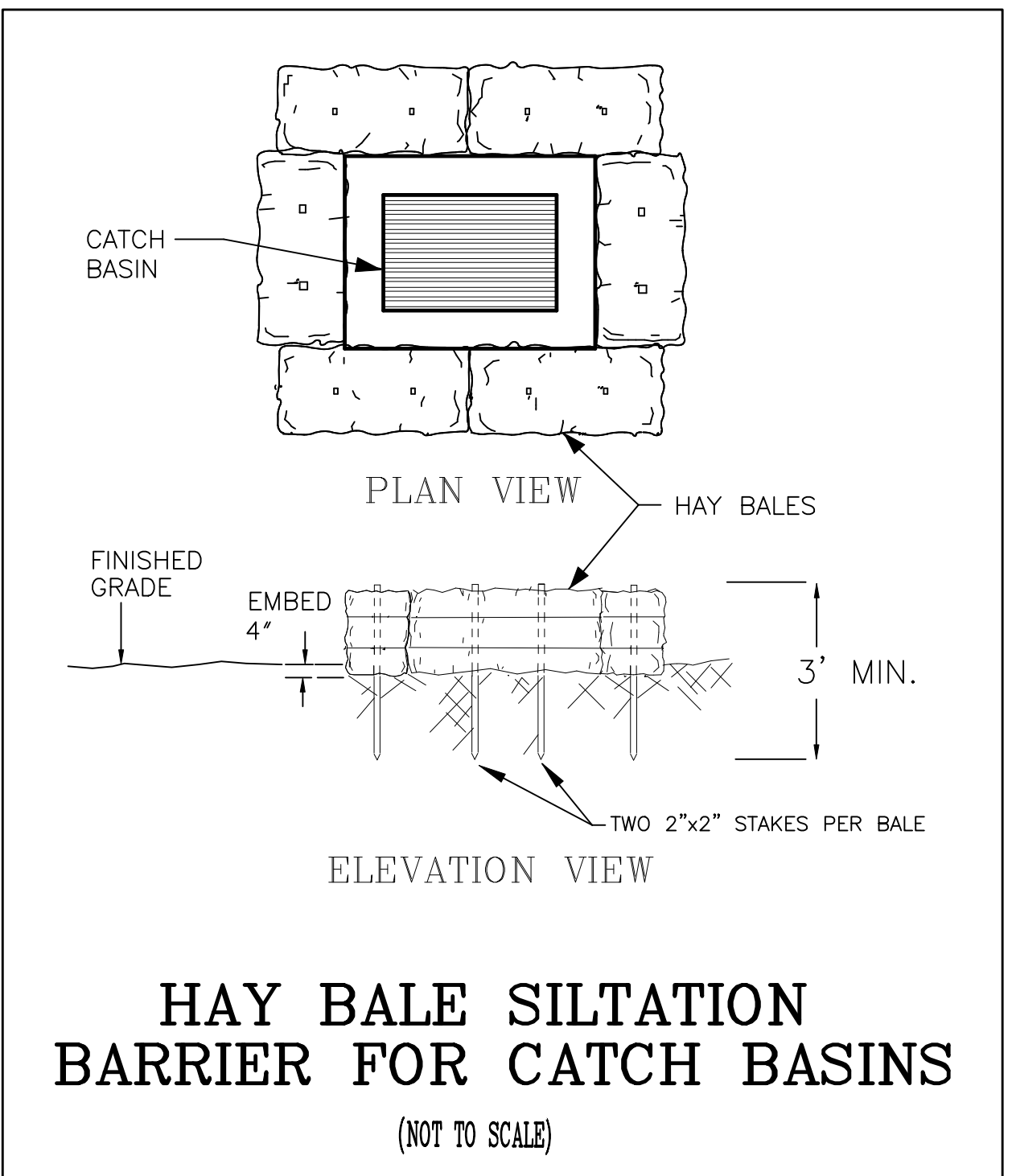
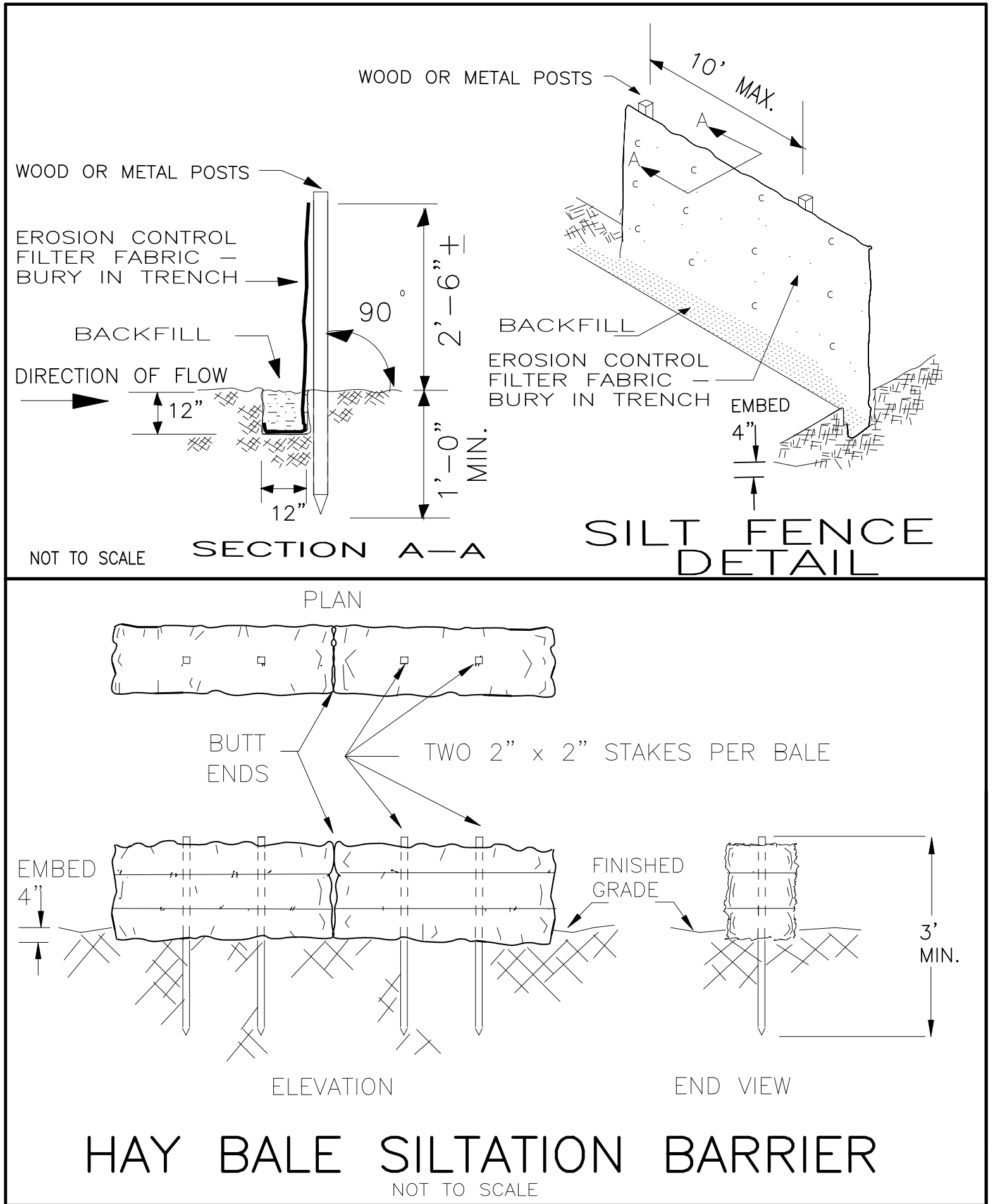
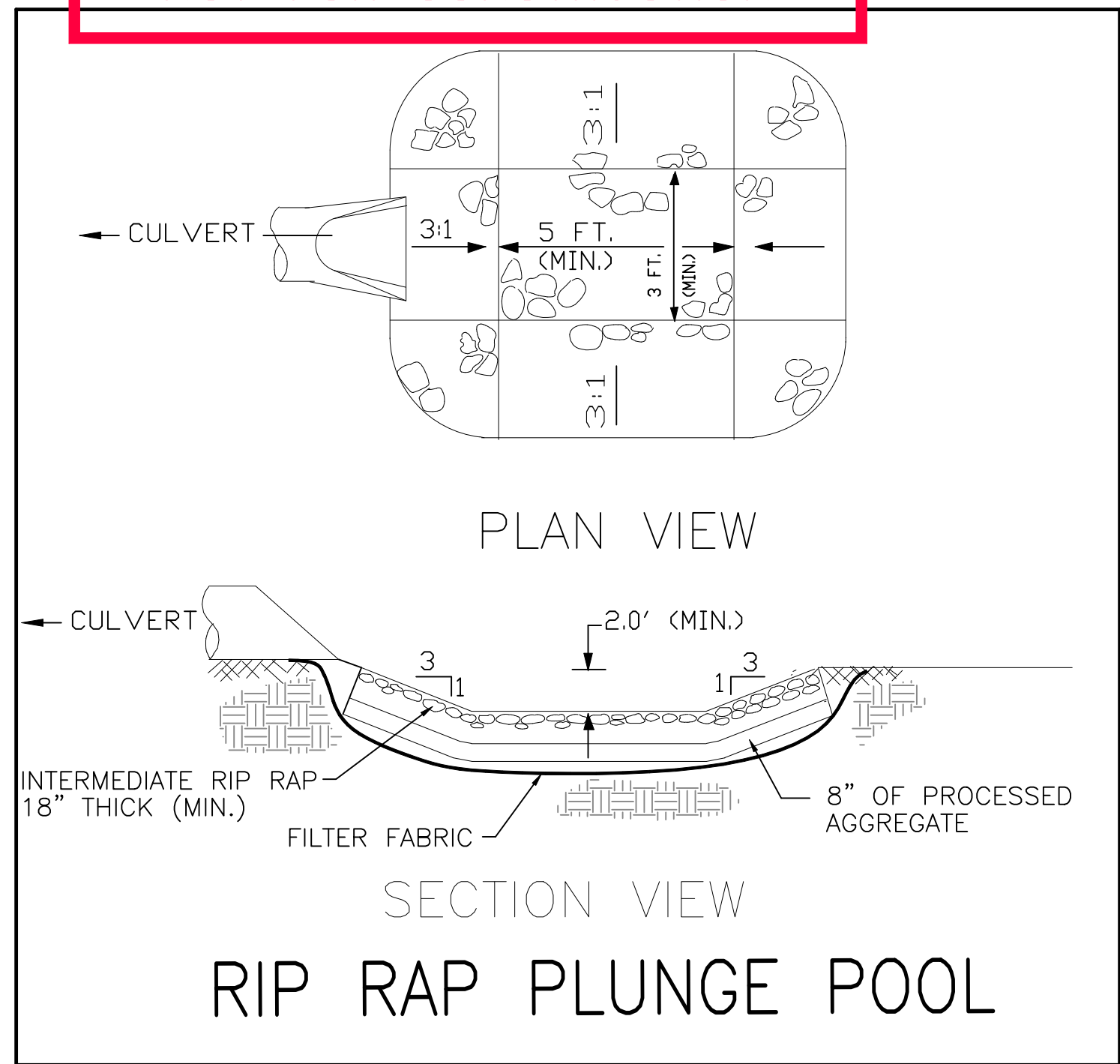
WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA OR WHEN GRADING ACTIVITY HAS TEMPORARILY CEASED FOR A PERIOD OF TIME EXPECTED TO EXCEED ONE MONTH, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT CONTROL MEASURES ARE IMPLEMENTED.

ALL ON SITE STOCKPILED EARTH MATERIALS SHALL BE PROTECTED WITH HAY BALES OR SILT FENCE.

ADDITIONAL SEDIMENTATION AND/OR EROSION CONTROL MEASURES IF REQUESTED BY THE TOWN STAFF SHALL BE INSTALLED IMMEDIATELY UPON REQUEST.

THE CONTRACTOR HEREBY ACKNOWLEDGES HIS RESPONSIBILITY TO INSTALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ON THIS SITE AND THAT HIS FAILURE TO INSTALL AND MAINTAIN THESE DEVICES COULD RESULT IN FINES OR SUSPENSION OF WORK.

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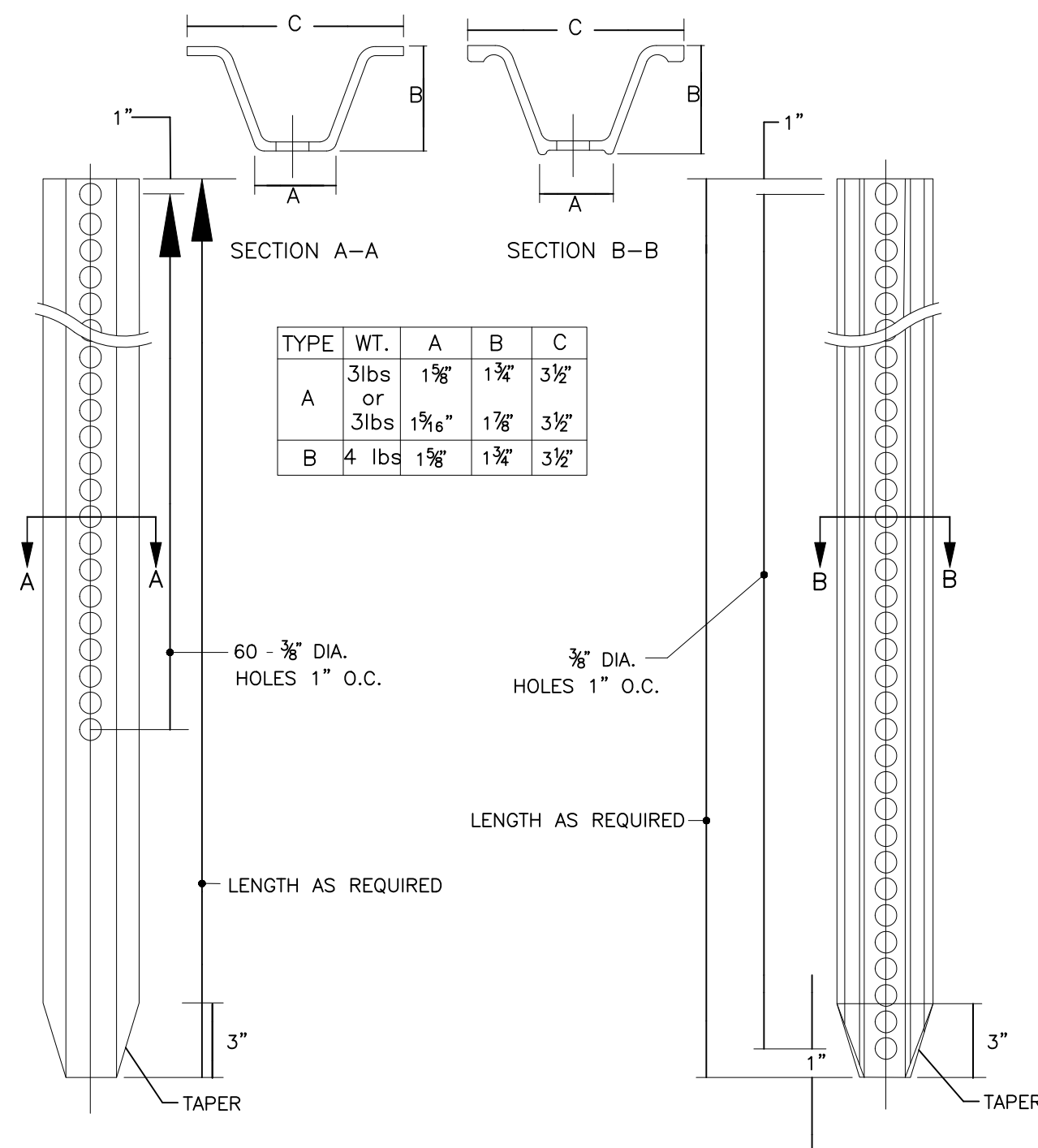
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DETAILS - SHEET 2

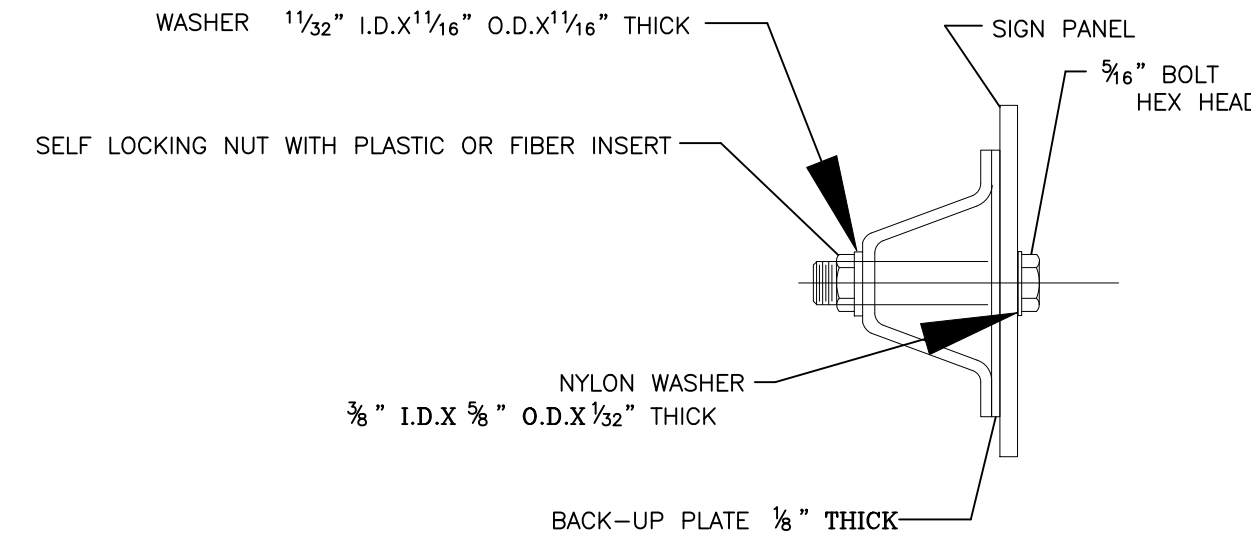
TOWN OF VERNON
STAND ALONE SIDEWALKS
TOWN DRAINAGE IMPROVEMENTS
TOWN OF VERNON
ENGINEERING DEPARTMENT
55 WEST MAIN STREET, VERNON, CT 06066

SCALE: N.T.S. DATE: APRIL 17, 2023 SHEET: 5 OF 39
FILE: \\ENGINEERING\STAND ALONE SIDEWALKS\LAKE STREET 2022.DWG

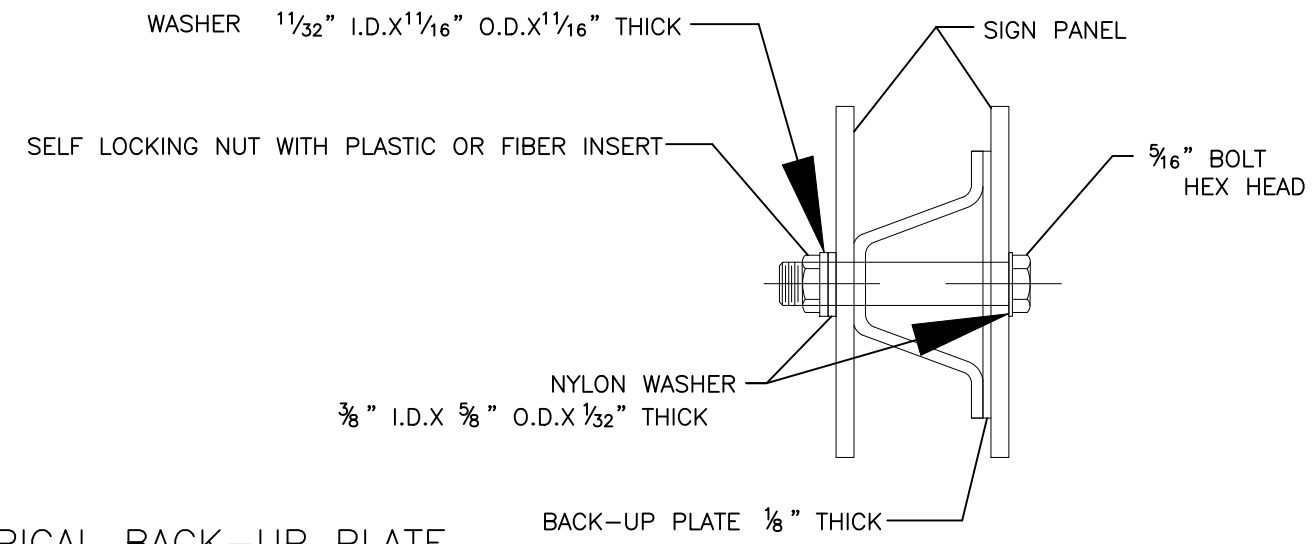
TYPICAL METAL SIGN POSTS



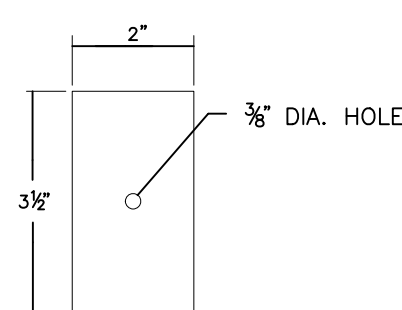
TYPICAL SIGN PANEL ATTACHMENT



TYPICAL BACK TO BACK SIGN PANEL ATTACHMENT



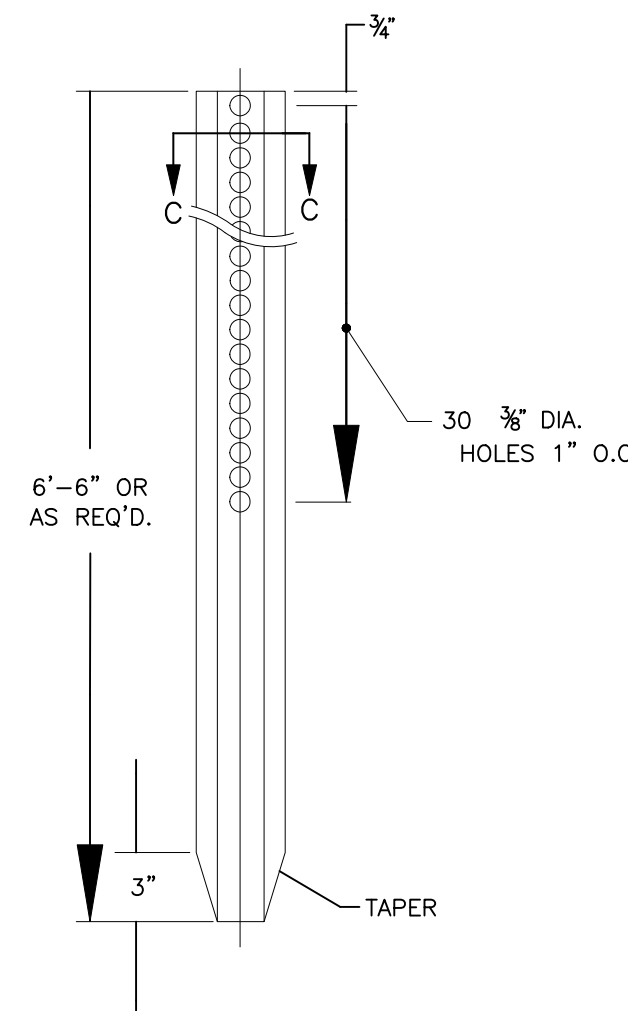
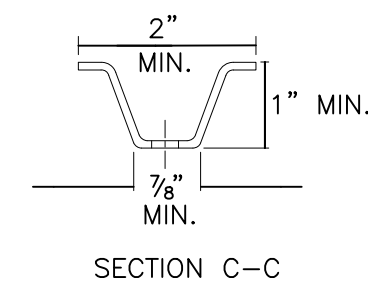
TYPICAL BACK-UP PLATE



BOLTS - STAINLESS STEEL CONFORMING TO ASTM F593, ALLOY GROUP 1 OR 2 (ALLOY TYPES 304 OR 316).
 SELF LOCKING NUTS - STAINLESS STEEL CONFORMING TO ASTM F594, ALLOY GROUP 1 OR 2 (ALLOY TYPES 403 OR 316).
 WASHERS - STAINLESS STEEL CONFORMING TO ASTM A204, (ALLOY TYPES 304 OR 316).

METAL DELINEATOR POST

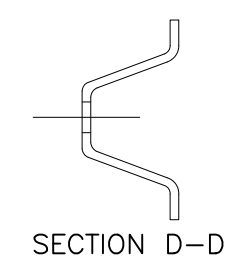
WT./FT. = 1.12 LBS. (MIN.)



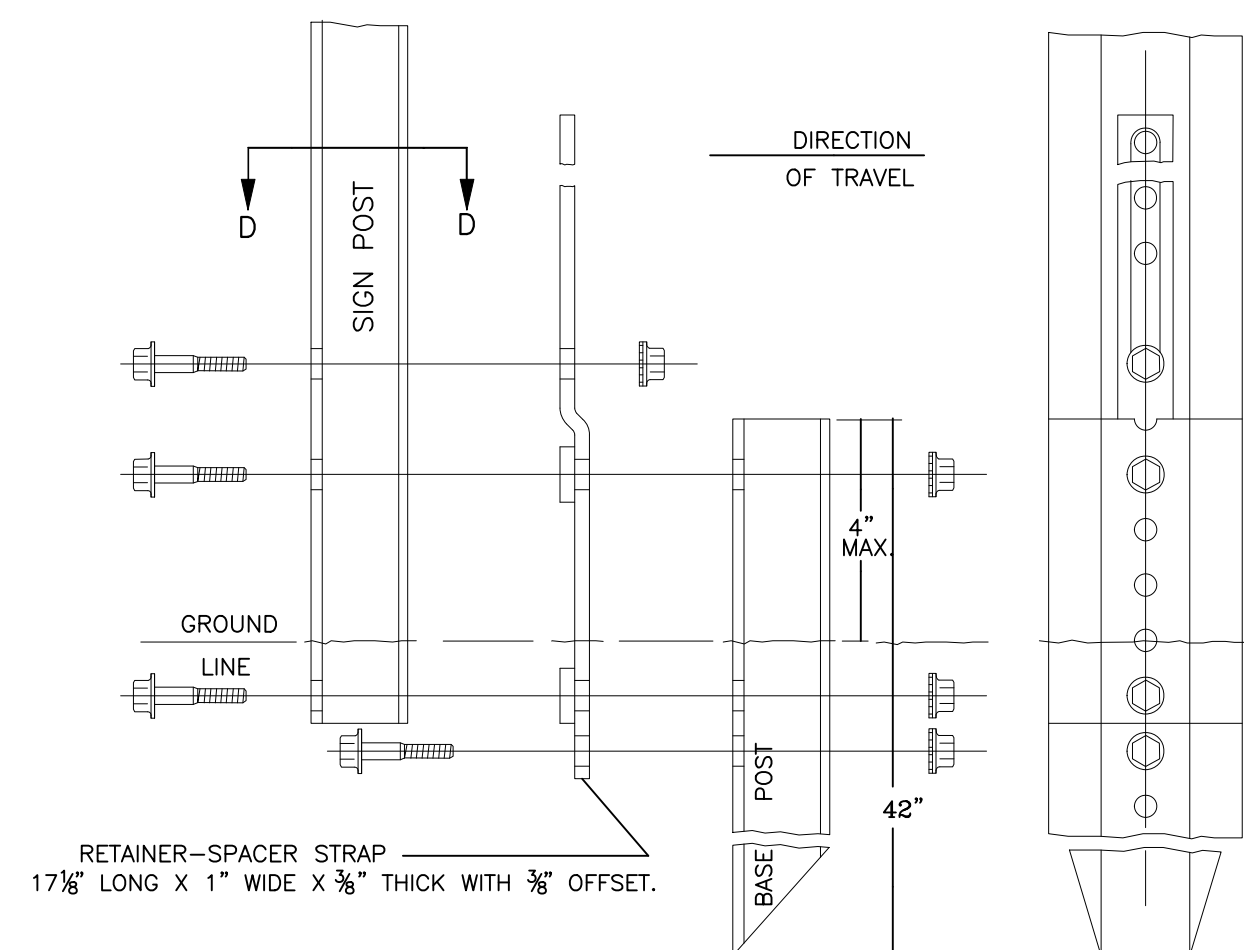
GENERAL NOTES:

- STEEL FOR DELINEATOR POSTS SHALL BE ASTM A36 STEEL. STEEL FOR ALL OTHER POSTS SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM 499 GRADE 60 AND TO THE CHEMICAL REQUIREMENTS OF ASTM A1 CARBON STEEL TEE RAIL HAVING NOMINAL WEIGHT OF 91 lbs. OR GREATER PER LINEAR YARD.
- AFTER FABRICATION, ALL STEEL POSTS, STRAPS AND PLATES SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM 123.
- WASHERS FOR BREAKAWAY INSTALLATIONS SHALL MEET ASTM F436, TYPE 1.
- ALL BOLTS, NUTS, AND WASHERS FOR BREAKAWAY INSTALLATIONS SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A153.
- ALL SIGN POSTS SHALL HAVE BREAKAWAY FEATURES THAT MEET AASHTO REQUIREMENTS CONTAINED IN THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS". THE BREAKAWAY FEATURES SHALL BE STRUCTURALLY ADEQUATE TO CARRY THE SIGNS SHOWN IN THE PLANS AT 60 mph WIND LOADINGS. INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE TO MEET THE REQUIREMENTS OF ASTM A153.
- TYPE A POSTS - 3 lbs/ft TYPE B POSTS - 4 lbs/ft.

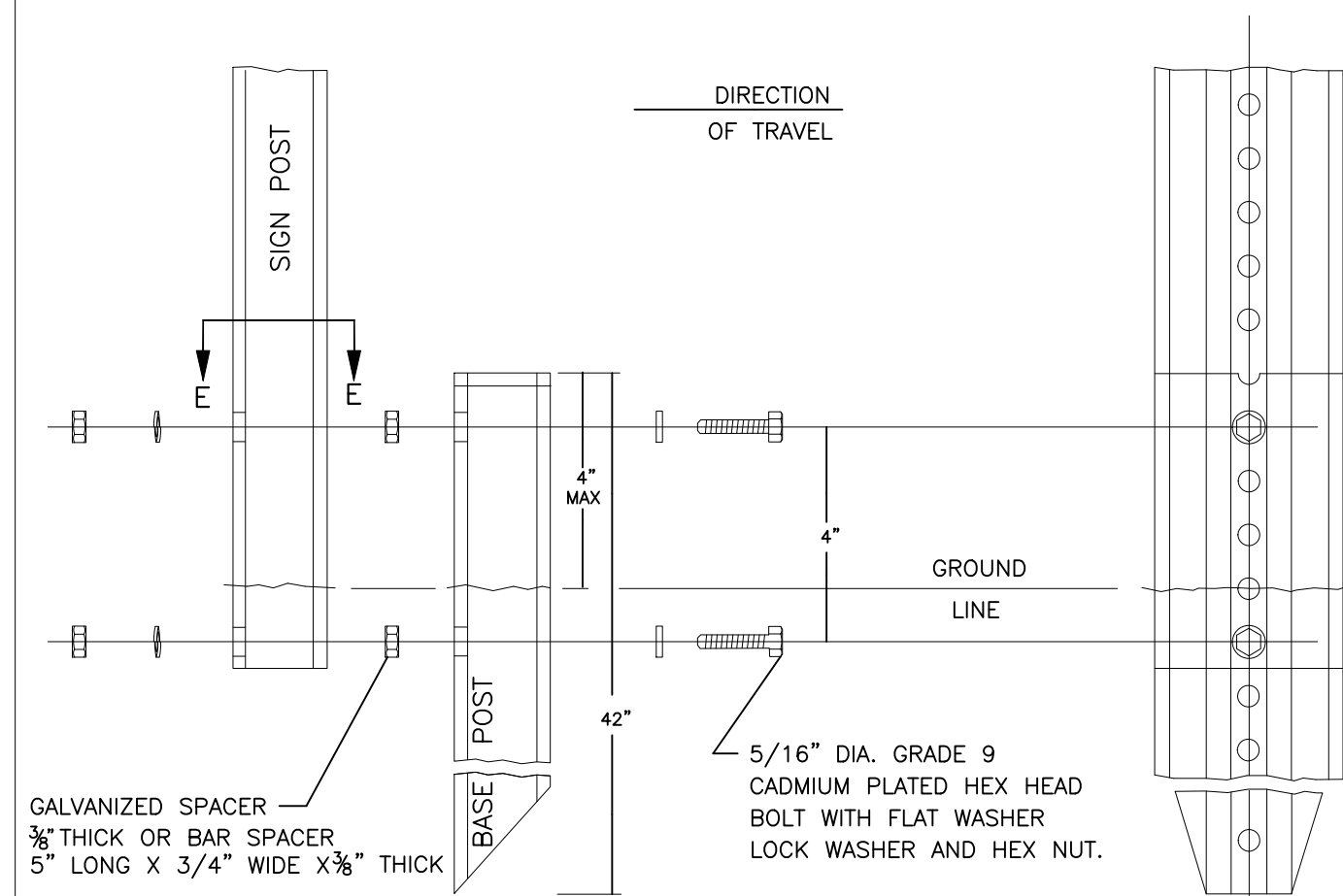
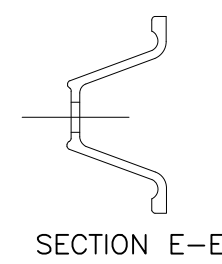
BREAKAWAY TYPE I INSTALLATION FOR 3 & 4 LB. POSTS



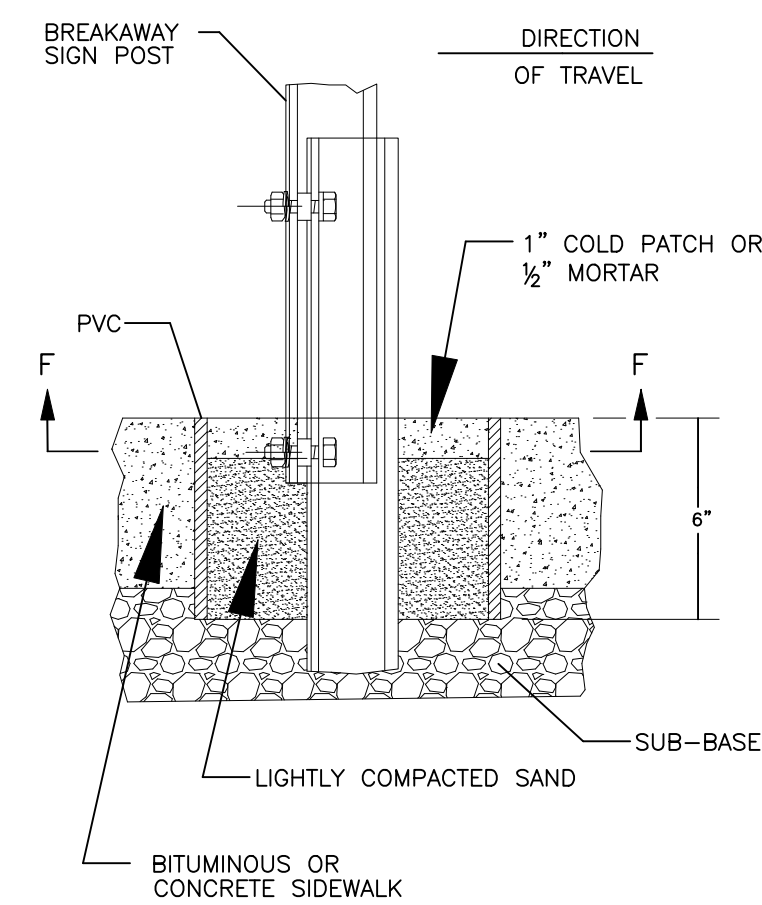
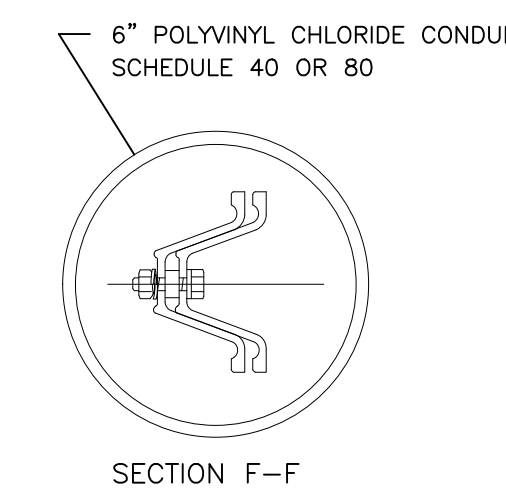
BOLTS - HEX HEAD INTEGRAL FLANGE CONFORMING TO ASTM A354, SIZE IS 3/8" - 18 UNC X 3/4" GRADE BC FOR 3 LBS/FT POSTS & 3/8" - 18 UNC X 2" GRADE BD FOR 4 LBS/FT POSTS.
 NUTS - 3/8" - 18 UNC HEX HEAD, INTEGRAL FLANGE CONFORMING TO ASTM A563, GRADE DH.
 LOCKWASHERS - HEAVY DUTY EXTERNAL TYPE.



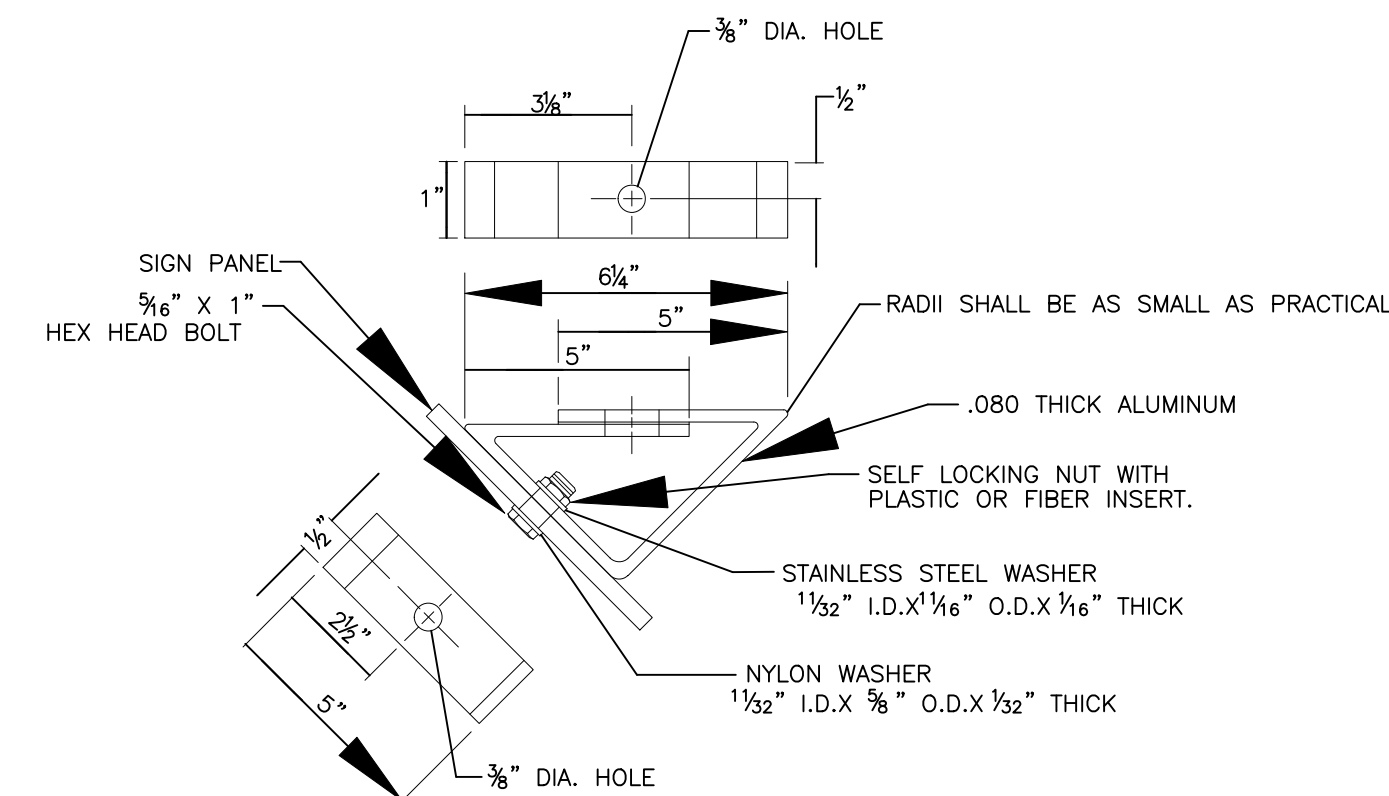
BREAKAWAY TYPE II INSTALLATION FOR 3 & 4 LB. POSTS



TYPICAL SLEEVE FOR PAVED AREAS



45° SUBMOUNTING BRACKET



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DETAILS - SHEET 3

TOWN OF VERNON
 STAND ALONE SIDEWALKS
 LOTCIP - L146-0001

TOWN OF VERNON
 ENGINEERING DEPARTMENT

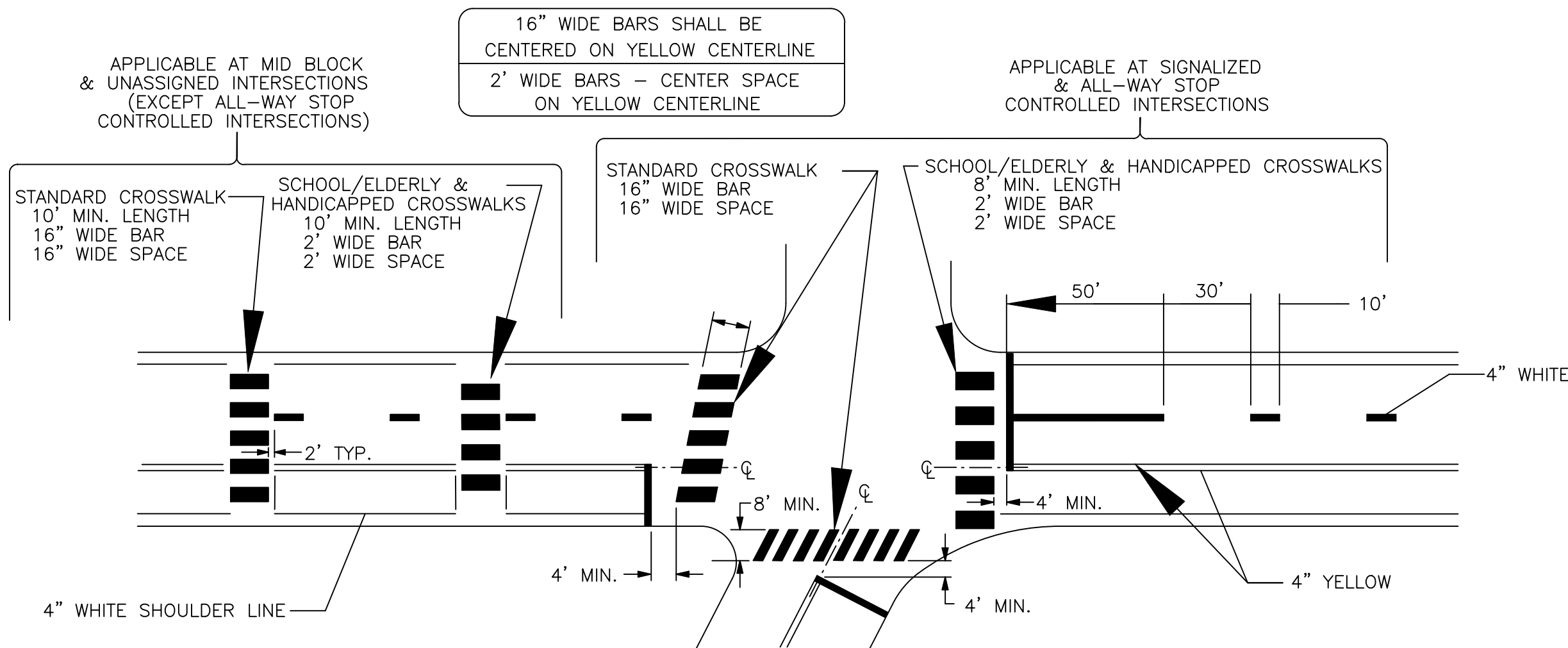
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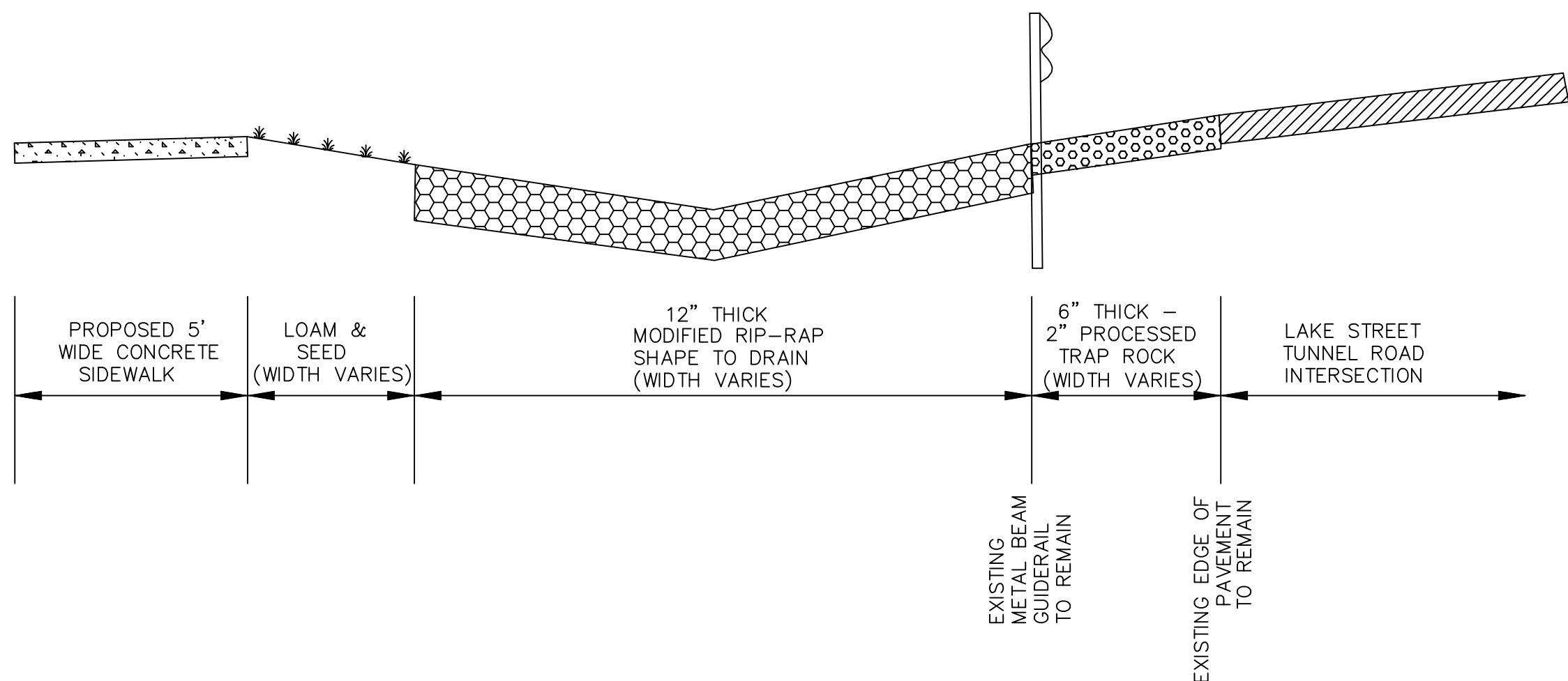


CROSSWALK NOTES:

- CROSSWALK MARKINGS SHALL BE WHITE.
- AT LOCATIONS WHERE THE CROSSWALK IS SKEWED, BARS TO BE PARALLEL TO THE ϕ AND ENDS OF BARS TO BE PARALLEL. THE LENGTH OF THE BARS WILL VARY DEPENDING ON THE ANGLE OF THE SKEW.
- SCRAMBLE WALKS TO BE MARKED WITH ONE 24" WIDE LINE ACROSS EACH APPROACH.
- BARS WILL NORMALLY BE NO CLOSER THAN 2' FROM CURB LINE/EDGE OF ROAD. WHERE EXCESS SPACE MAY DEVELOP THIS DISTANCE MAY BE DECREASED TO 1'.
- ONLY FULL LENGTH BARS ARE TO BE INSTALLED AT CORNERS.



PAVEMENT MARKINGS FOR
STOP BARS AND CROSSWALKS



RIP-RAP DETAIL
LAKE STREET AND TUNNEL ROAD INTERSECTION
- NOT TO SCALE -

W16 - SERIES

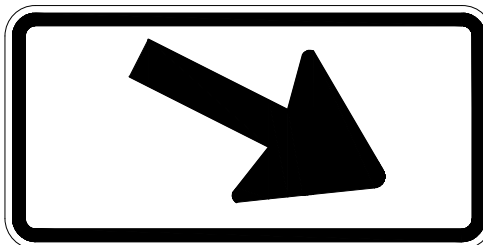
W16-9P



| AREA (SQ FT) | SIZE (INCHES) | CONN. DOT # | POSTS | ALUM. THK. |
|-----------------|------------------|----------------|-------|---------------|
| 2 | 24 X 12 | | 1 | 0.08 |

W16 - SERIES

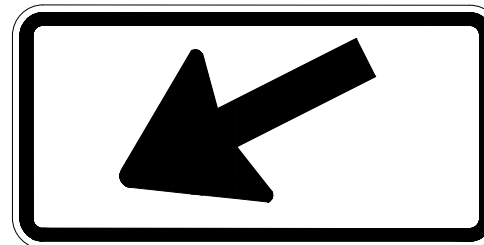
W16-7PR



| AREA (SQ FT) | SIZE (INCHES) | CONN. DOT # | POSTS | ALUM. THK. |
|-----------------|------------------|----------------|-------|---------------|
| 2 | 24 X 12 | 41-2609 | 1 | 0.08 |

W16 - SERIES

W16-7PL



| AREA (SQ FT) | SIZE (INCHES) | CONN. DOT # | POSTS | ALUM. THK. |
|-----------------|------------------|----------------|-------|---------------|
| 2 | 24 X 12 | 41-2607 | 1 | 0.08 |

COLORS: SYMBOLS - BLACK
BACKGROUND - FLUORESCENT YELLOW (RETROREFLECTIVE)
BACKGROUND NEAR SCHOOLS - FLUORESCENT YELLOW GREEN (RETROREFLECTIVE)

W11-SERIES

W11-2



| AREA (SQ FT) | SIZE (INCHES) | CONN. DOT # | POSTS | ALUM. THK. |
|-----------------|------------------|----------------|-------|---------------|
| 6.25 | 30 X 30 | 41-4810 | 1 | 0.08 |

COLORS: SYMBOLS - BLACK
BACKGROUND - FLUORESCENT YELLOW (RETROREFLECTIVE)

S-SERIES

S1-1



| AREA (SQ FT) | SIZE (INCHES) | CONN. DOT # | POSTS | ALUM. THK. |
|-----------------|------------------|----------------|-------|---------------|
| 4.69 | 30 | 41-2111 | 1 | 0.08 |

COLORS: SYMBOLS - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN (RETROREFLECTIVE)

CROSSWALK SIGNS

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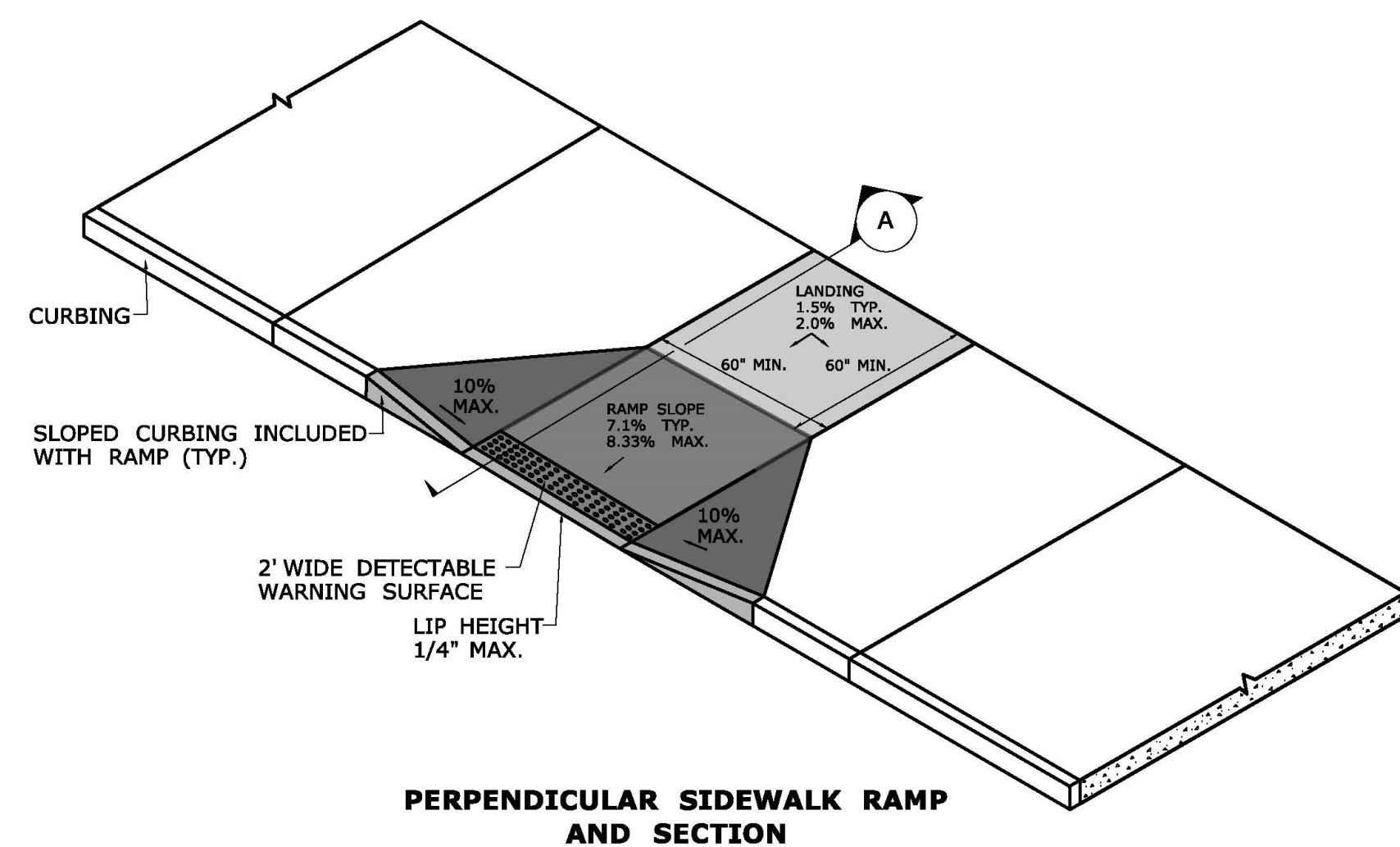


DETAILS - SHEET 4

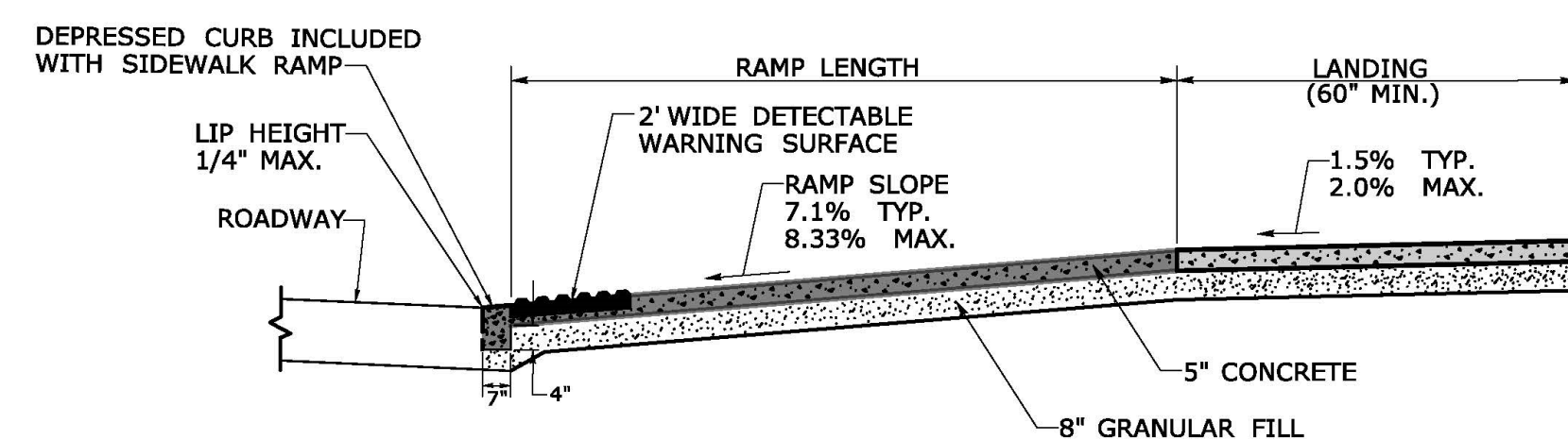
TOWN OF VERNON
STAND ALONE SIDEWALKS
LOTICIP - L146-0001
TOWN OF VERNON
ENGINEERING DEPARTMENT
55 WEST MAIN STREET, VERNON, CT 06066

SCALE: N.T.S. DATE: APRIL 17, 2023 SHEET: 7 OF 39
FILE: \\ENGINEERING\STAND ALONE SIDEWALKS\TITLE SHEET.DWG

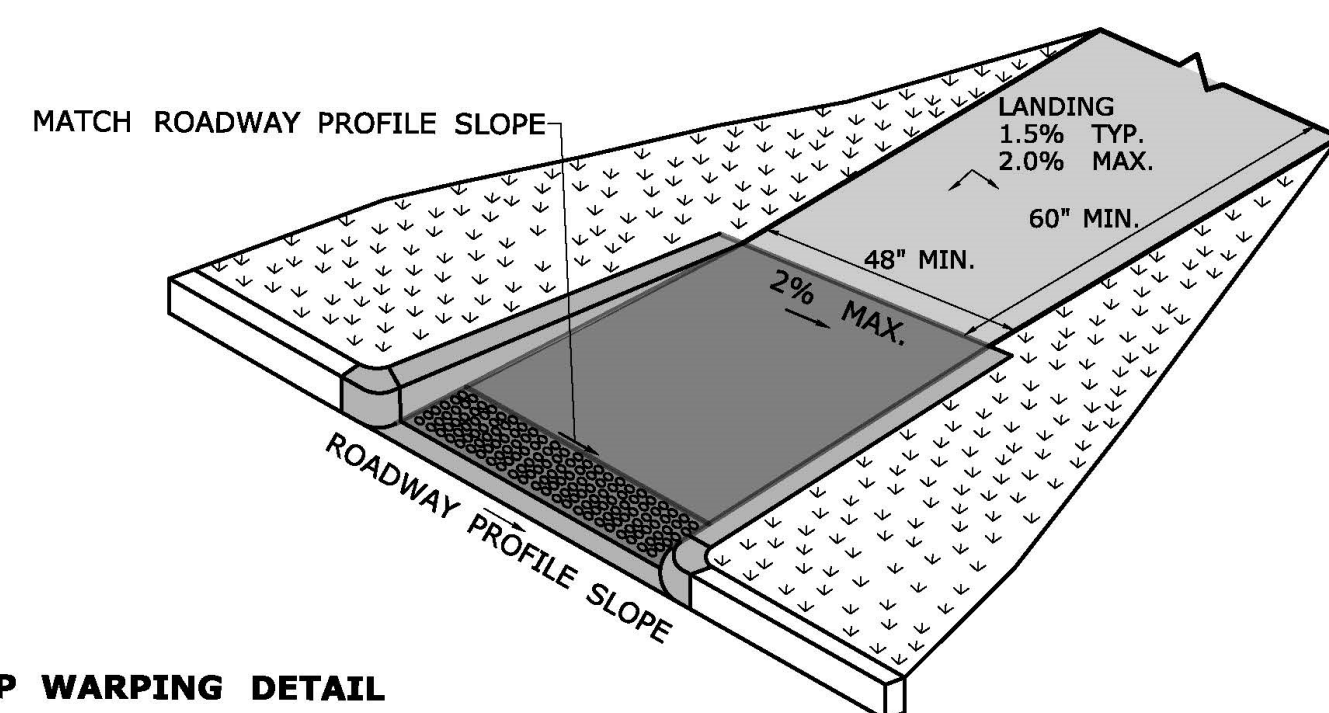
REVISION #1: JULY 27, 2023



PERPENDICULAR SIDEWALK RAMP AND SECTION

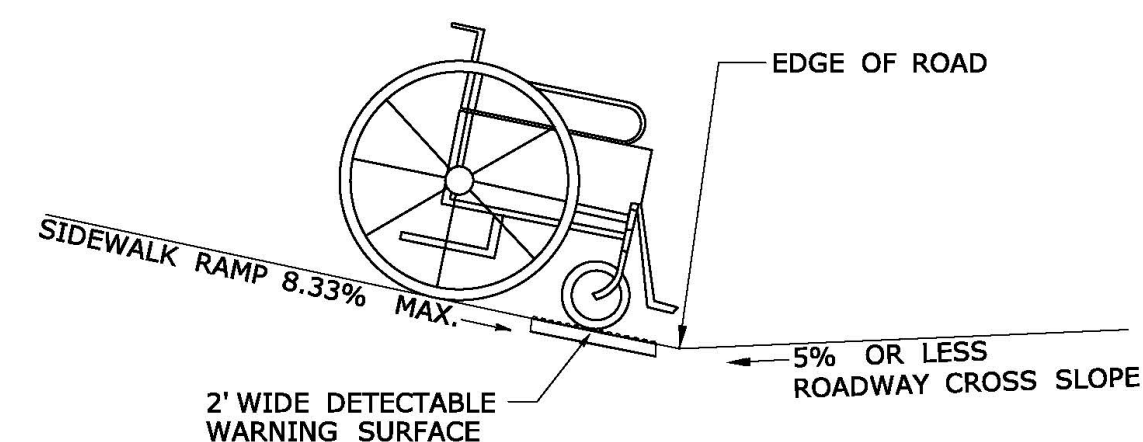


SECTION A

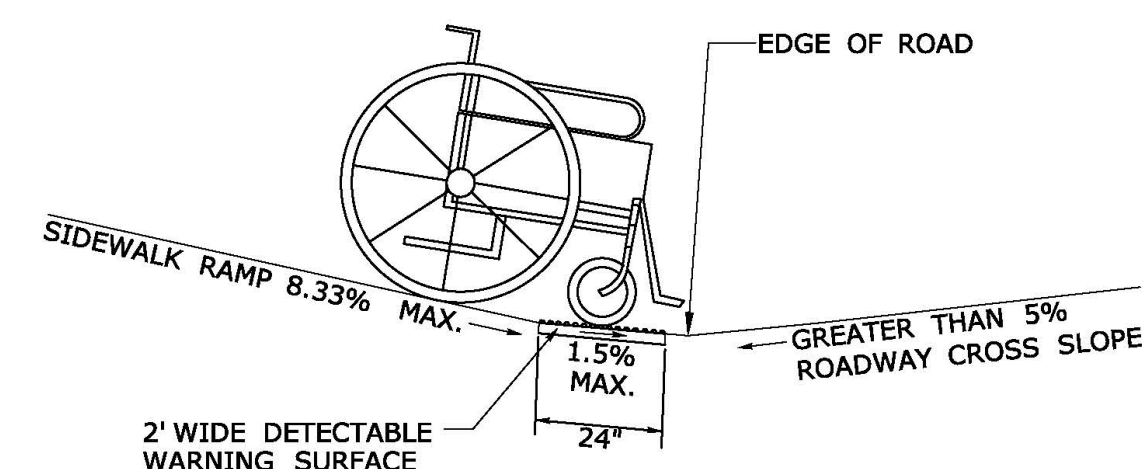


RAMP WARPING DETAIL

1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3 % PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE.
2. COMPLETE TRANSITION TO ROADWAY PROFILE BEHIND DETECTABLE WARNING SURFACE.



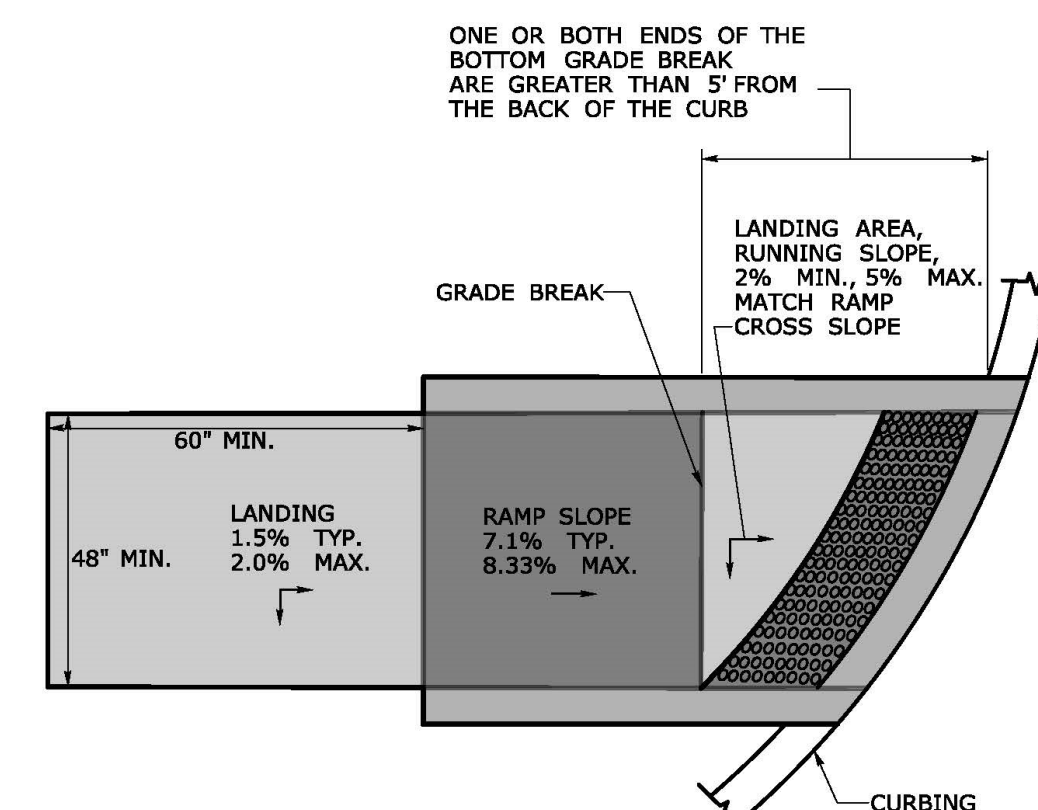
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE



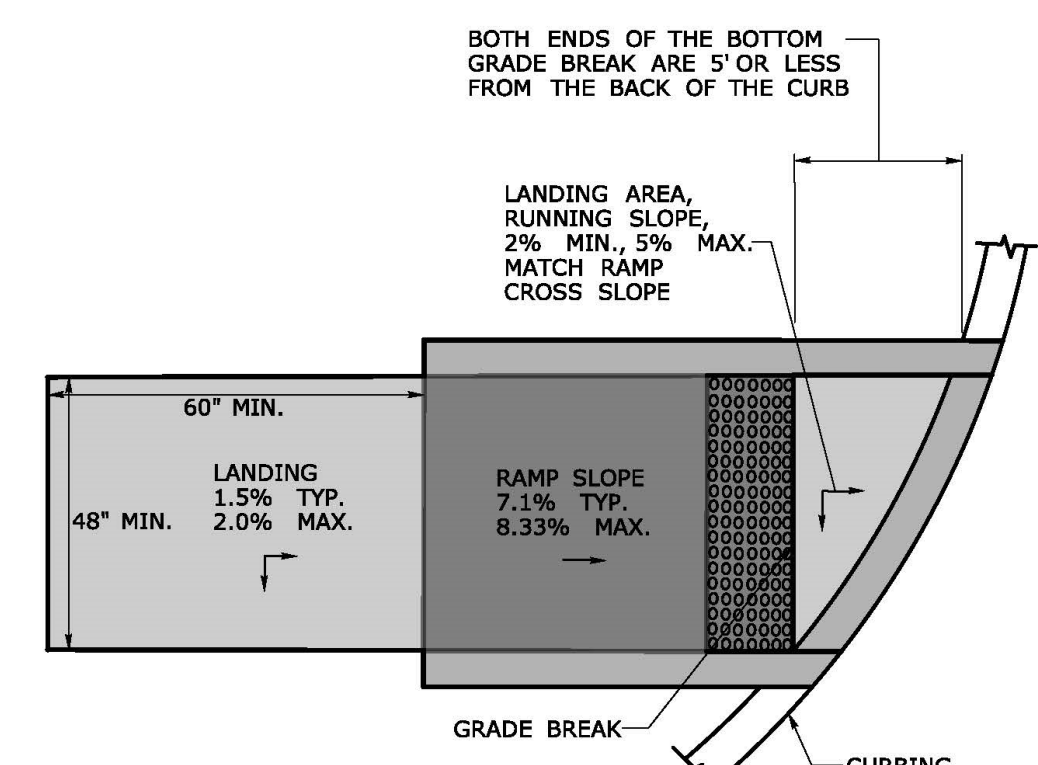
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE

GENERAL NOTES:

1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED 1/4 INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.



GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION



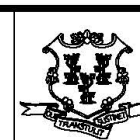
GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION

DESIGNER/DRAFTER: CHECKED BY: FILE NAME: W:\CT_CONNECT_DDE\CT_Configuration\Organization\Cell\CTDOT_Borders_Contract.cel PLOTTED DATE: 10/15/2021

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING
2800 REBURN TURNPIKE
NEWINGTON, CT 06111

APPROVED BY:



STATE OF CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



PROJECT NUMBER: #####
PROJECT DESCRIPTION: #####
TOWN(S): #####
DRAWING TITLE: CONCRETE SIDEWALK RAMP SHEET 1

DRAWING NO. ###
SHEET NO.

REVISION #1: JULY 27, 2023

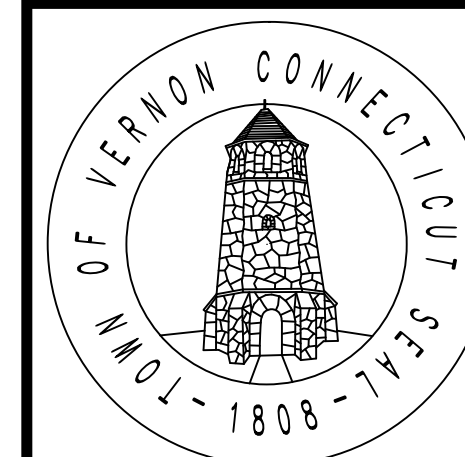
DETAILS - SHEET 5

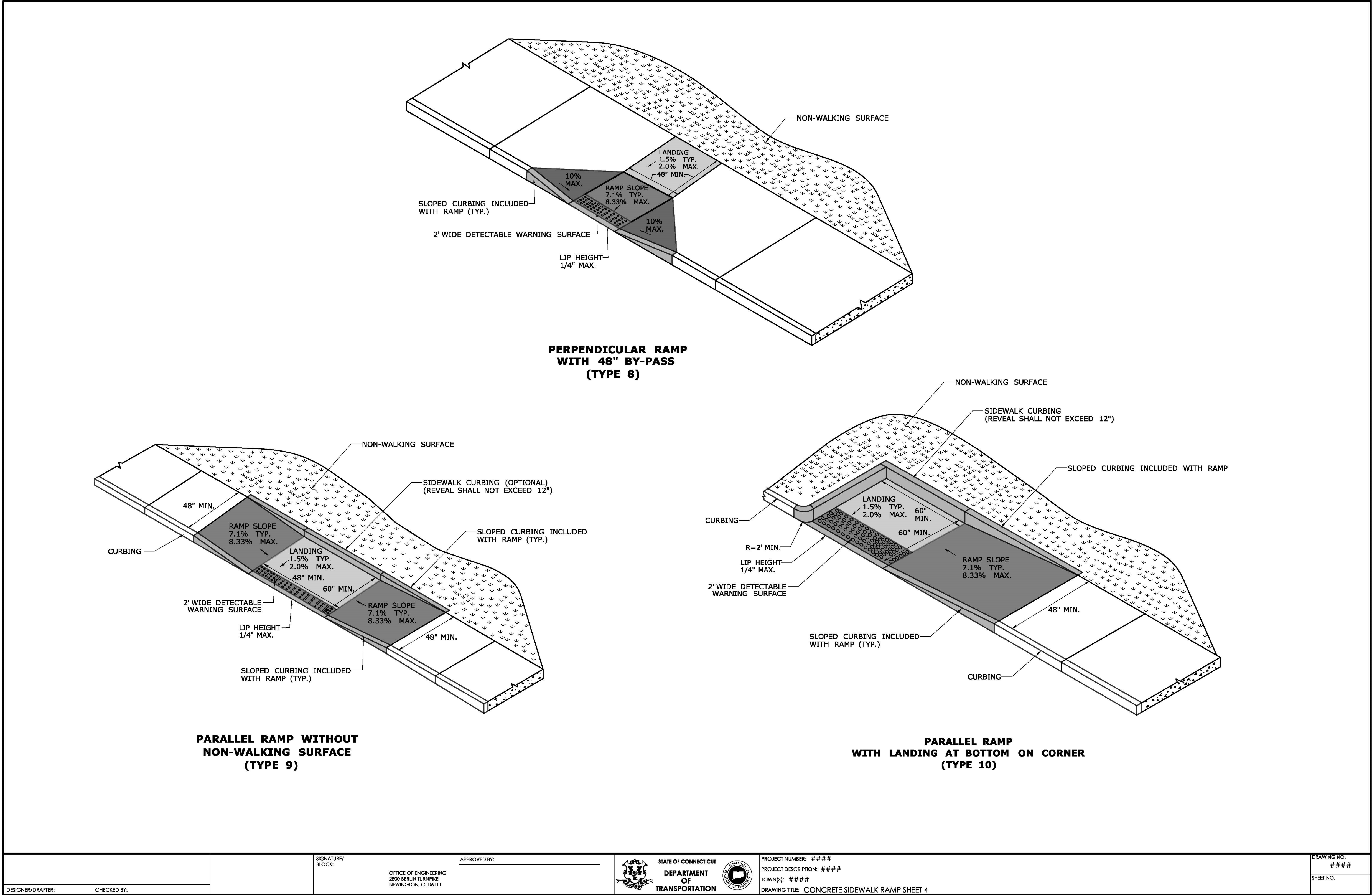
TOWN OF VERNON
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LOTICIP - L146-0001

TOWN OF VERNON
ENGINEERING DEPARTMENT
55 WEST MAIN STREET, VERNON, CT 06066

SCALE: N.T.S. DATE: APRIL 17, 2023 SHEET: 8 OF 39
FILE: \\ENGINEERING\STAND ALONE SIDEWALKS\TITLE SHEET.DWG

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REVISION #1: JULY 27, 2023

DETAILS – SHEET 6

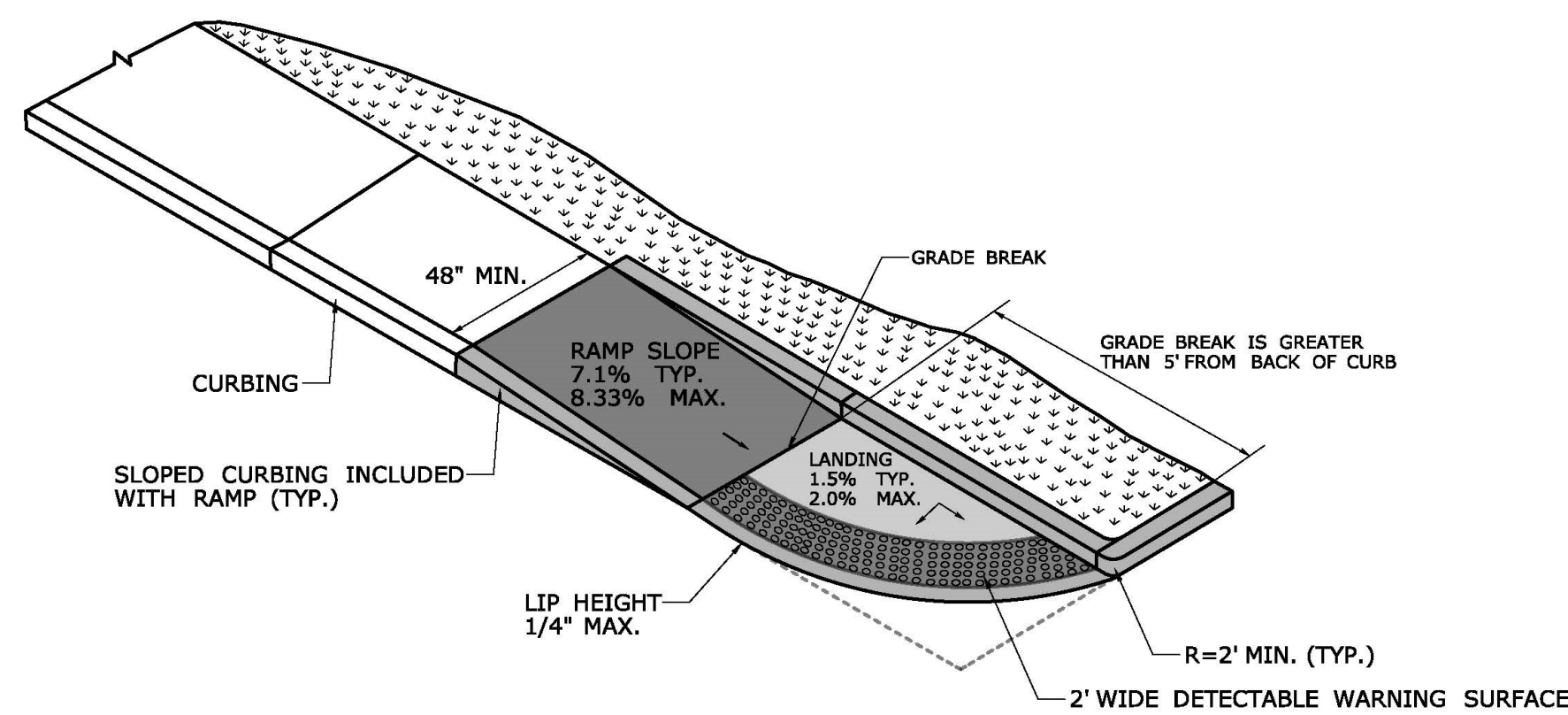
TOWN OF VERNON
STAND ALONE SIDEWALKS
LOTICIP – L146-0001

TOWN OF VERNON
ENGINEERING DEPARTMENT
55 WEST MAIN STREET, VERNON, CT 06066

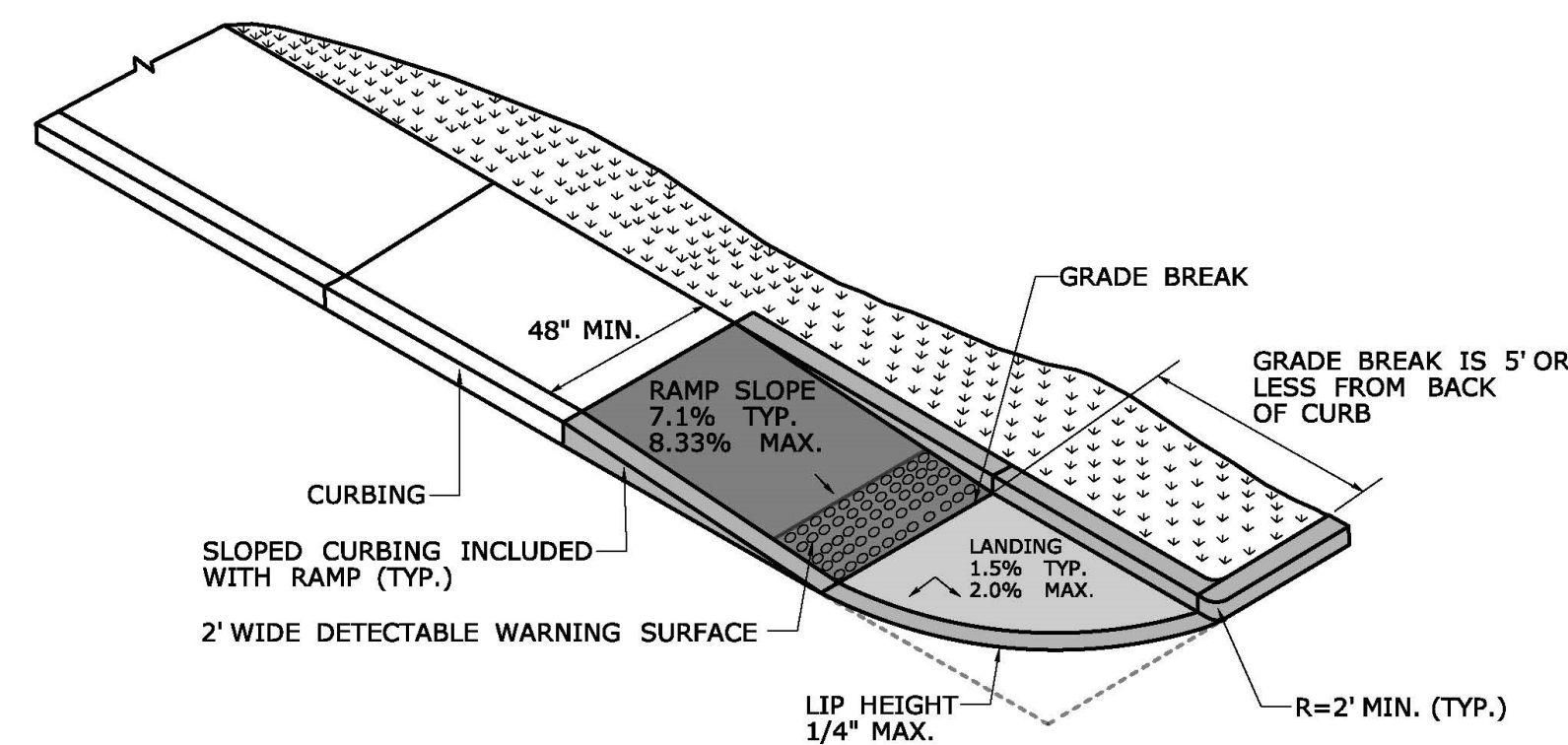
SCALE: N.T.S. DATE: APRIL 17, 2023 SHEET: 9 OF 39
FILE: \\ENGINEERING\STAND ALONE SIDEWALKS\TITLE SHEET.DWG

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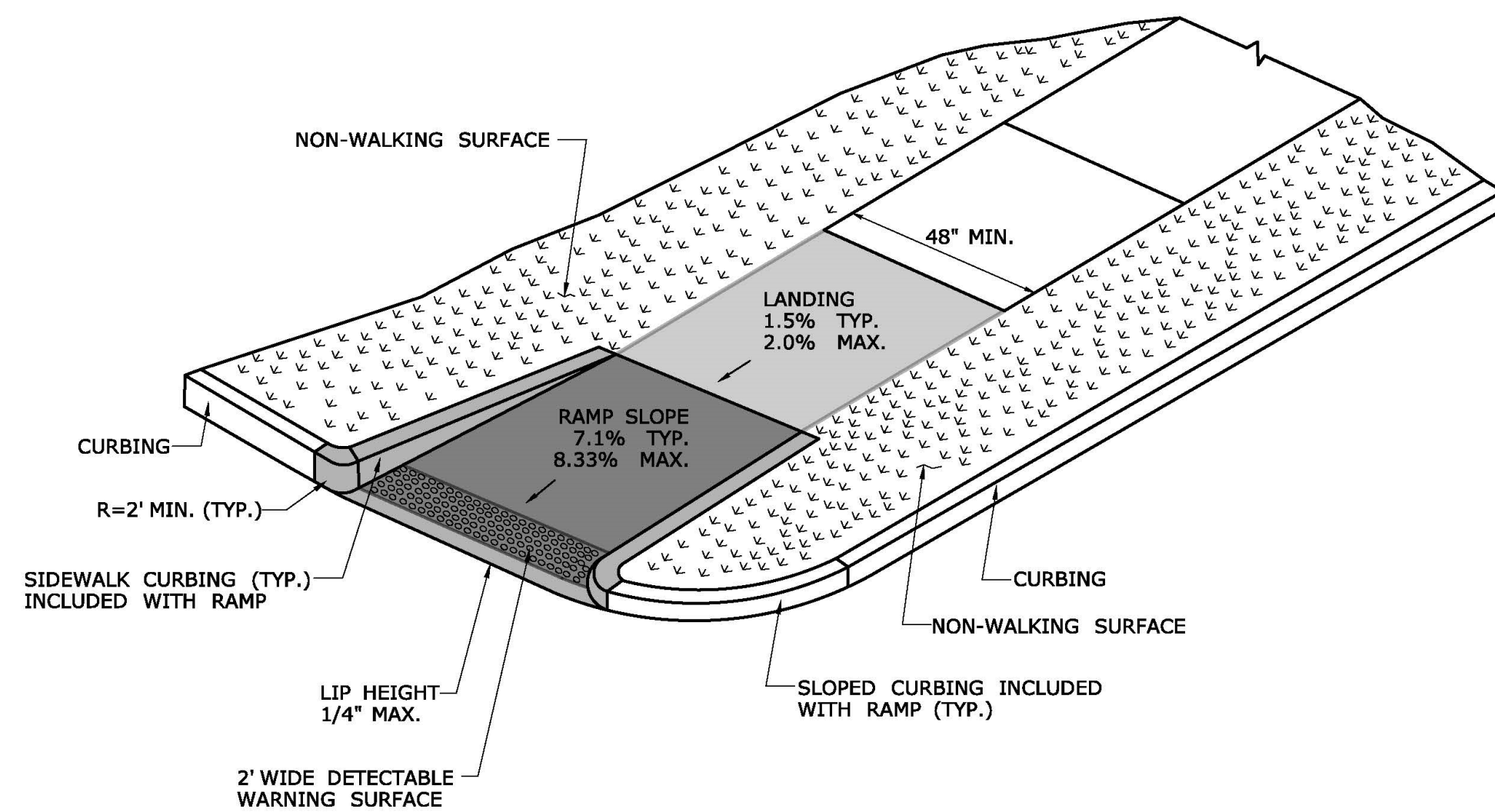




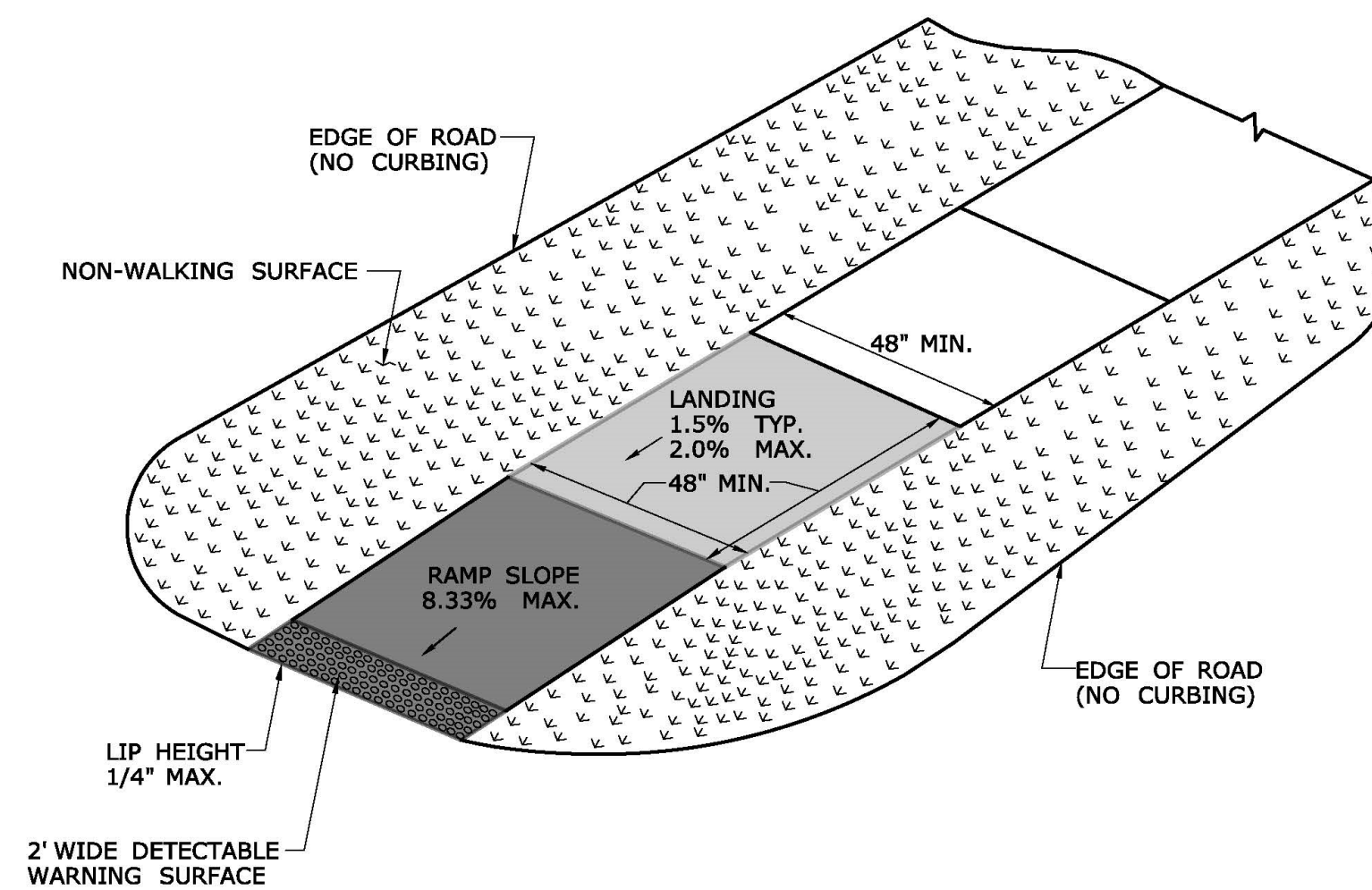
**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK GREATER THAN 5'
(TYPE 14)**



**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK 5' OR LESS
(TYPE 15)**



**SINGLE DIRECTION - RETURN CURB
WITH NON-WALKING SURFACE
(TYPE 16)**



**SINGLE DIRECTION - NO CURB
WITH NON-WALKING SURFACE
(TYPE 17)**

| | | | | | |
|----------------------------|--|--|--|---|--------------------|
| DESIGNER/DRAFTER: | CHECKED BY: | SIGNATURE/ BLOCK: | APPROVED BY: | PROJECT NUMBER: ##### | DRAWING NO. ### |
| LASTED SAVED BY: RichardEH | FILE NAME: W:\CT_CONNECT_DDE\CT_Configuration\Organization\Cell\CTDOT_Borders_Contract.cel | OFFICE OF ENGINEERING 2800 BERLIN TURNPIKE NEWINGTON, CT 06111 | STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION | PROJECT DESCRIPTION: ##### | SHEET NO. |
| PLOTTED DATE: 10/15/2021 | | | | TOWN(S): ##### | |
| | | | | DRAWING TITLE: CONCRETE SIDEWALK RAMP SHEET 6 | |

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DETAILS - SHEET 7

**TOWN OF VERNON
STAND ALONE SIDEWALKS
LOTICIP - L146-0001**

**TOWN OF VERNON
ENGINEERING DEPARTMENT**

55 WEST MAIN STREET, VERNON, CT 06066

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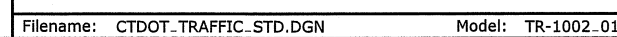
PLACE NO. 6 CRUSHED STONE IN CENTER OPENING AFTER
CONDUITS AND GROUND ROD HAVE BEEN INSTALLED.



| | | | |
|-------------|-------------|---|--------------------|
| | | | |
| | | | |
| 2 | 1-2014 | REMOVED SPAN POLE FOUNDATION DETAILS, REVISED TYPICAL CONCRETE SIDEWALK AT CONTROLLER FOUNDATION. | |
| 1 | 4-2012 | MINOR REVISIONS. | |
| REV. | DATE | REVISION | DESCRIPTION |

DIMENSIONS ARE IN ENGLISH (') & METRIC UNITS (mm).
METRIC DIMENSIONS ARE ROUNDED
- OVER 1" TO NEAREST 5 mm
- UNDER 1" TO NEAREST 1 mm.

NOT TO SCALE

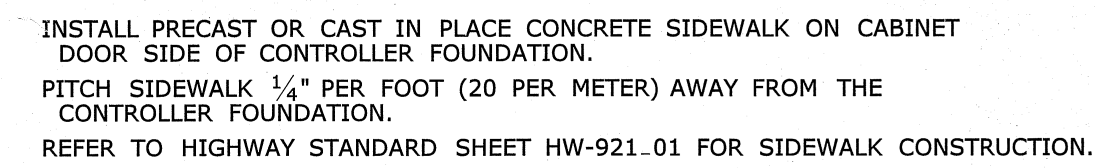


| | |
|--------------------------|---|
| SUBMITTED BY: | NAME/DATE/TIME: |
| <i>Tracy L. Fogarty</i> | Tracy L. Fogarty 2014.01.07 16:12:06-05'00' |
| APPROVED BY: | NAME/DATE/TIME: |
| <i>Charles S. Harlow</i> | Charles S. Harlow 2014.01.08 09:02:54-05'00' |

**CTDOT
STANDARD SHEET**

TRAFFIC CONTROL FOUNDATIONS

TR-1002_01



AREA OF LIMITATION FOR
CONDUIT SWEEPS.
SEPARATE CONDUITS A
MINIMUM OF 2" (50) APART.

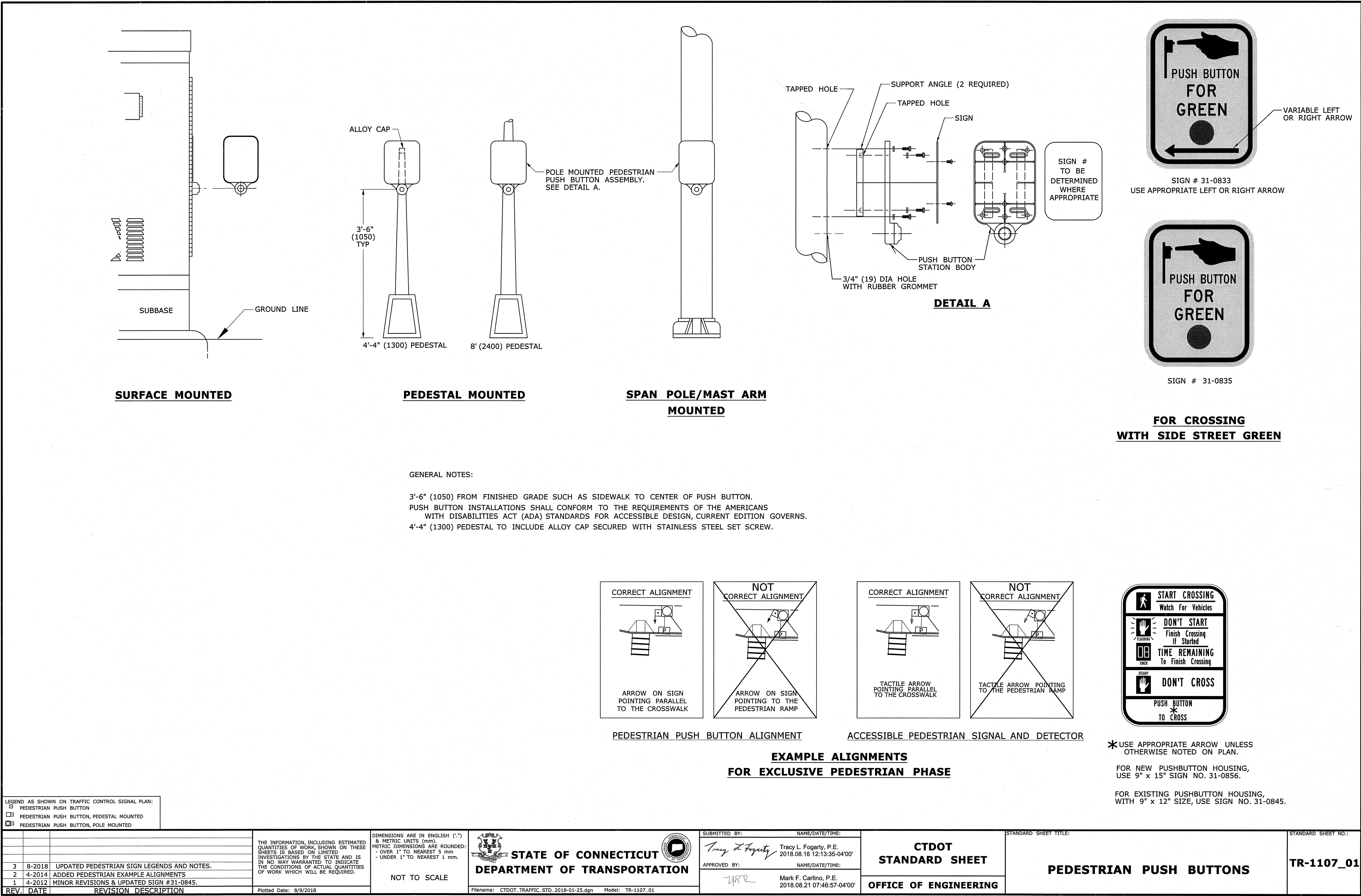


INSTALL FOUNDATION 6" (150) OF COMPACTED GRAVEL IN ACCORDANCE WITH SECTION 2.14.
LEVEL FOUNDATION WITH A PROJECTION OF 4" (100) ABOVE FINISHED GRADE.
INSTALL COPPER GROUND ROD: $\frac{3}{8}$ " x 10 (16 x 300).
PLACE NO. 6 CRUSHED STONE IN THE CENTER OPENINGS AFTER THE CONDUITS AND GROUND ROD
ARE INSTALLED. INSULATE THE CONDUITS AND GROUND RODS WITH 2" (50) GROUT LEVEL WITH THE
TOP OF THE FOUNDATION AND NEATLY FINISHED. THE GROUT SHALL CONFORM WITH THE
REQUIREMENTS OF ARTICLE M.3.01-12.
CONCRETE: CLASS "A" CONFORMING TO ARTICLE M.3.01.
#4 REBAR (50) MIN COVER ABOVE ALL OPENINGS. 3-#4 REBARS IN EACH CORNER.
CONCRETE SHALL NOT PROJECT MORE THAN 2" (50) ABOVE FOUNDATION.

| | | |
|---|----------------------|-----------------|
| ENGINEERING DEPARTMENT | | |
| 55 WEST MAIN STREET, VERNON, CT 06066 | | |
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DETAILS - SHEET 10

TOWN OF VERNON
STAND ALONE SIDEWALKS
LOTICIP - L146-0001
TOWN OF VERNON
ENGINEERING DEPARTMENT
55 WEST MAIN STREET, VERNON, CT 06066
SCALE: N.T.S. DATE: APRIL 17, 2023 SHEET: 13 OF 39
FILE: \\ENGINEERING\STAND ALONE SIDEWALKS\TITLE SHEET.DWG