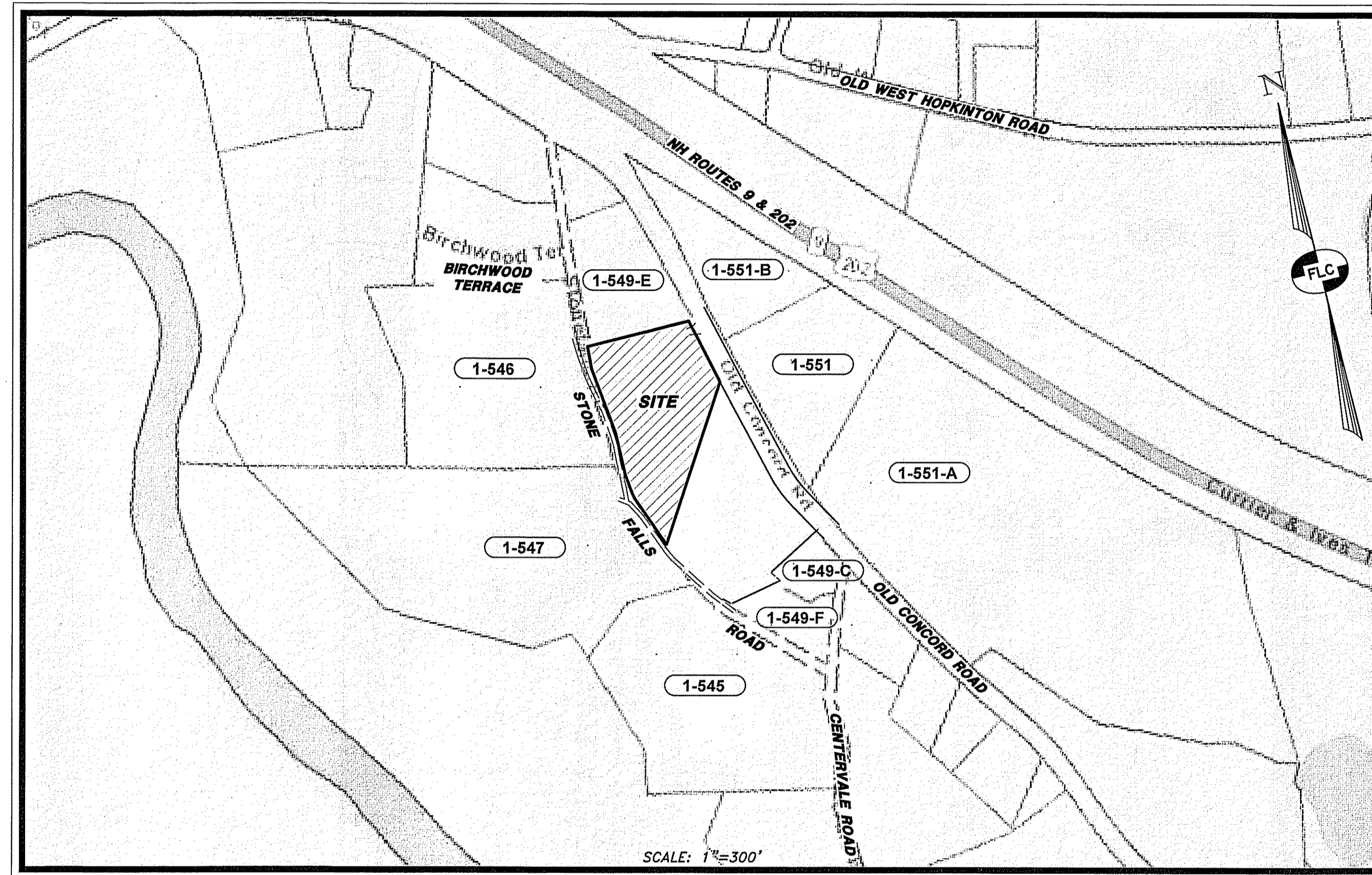


SITE PLAN SET
CIARDELLI FUEL CO. INC.
BULK FUEL STORAGE FACILITY

TAX MAP PARCEL 1-549-G - OLD CONCORD ROAD
 HENNIKER, NEW HAMPSHIRE

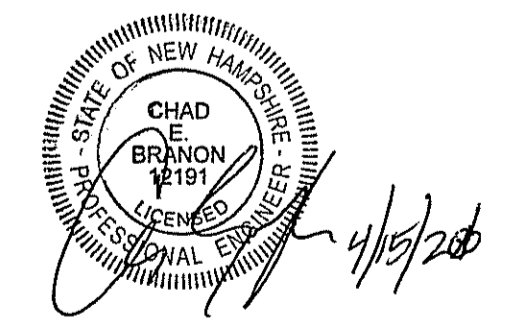
MARCH 16, 2020
 LAST REVISED: APRIL 15, 2020

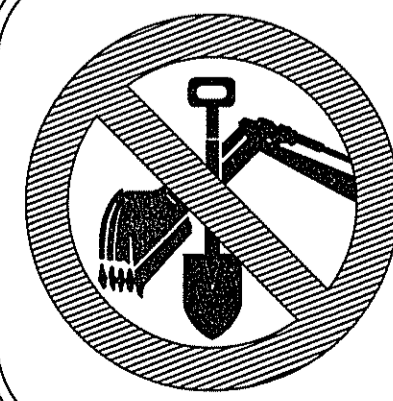


| SHEET INDEX | | |
|-------------|-------|--------------------------|
| PAGE | SHEET | TITLE |
| 1 | CV-1 | COVER SHEET |
| 2 | EX-1 | EXISTING CONDITIONS PLAN |
| 3 | SP-1 | SITE PLAN |
| 4 | GR-1 | GRADING & UTILITY PLAN |
| 5 | LT-1 | LIGHTING PLAN |
| 6 | LS-1 | LANDSCAPING PLAN |
| 7 | DT-1 | CONSTRUCTION DETAILS |
| 8 | DT-2 | CONSTRUCTION DETAILS |
| 9 | DT-3 | CONSTRUCTION DETAILS |

PREPARED FOR:
MAC MILFORD REALTY, LLC
 5 CIARDELLI CROSSING
 MILFORD, NH 03055

LAND OF:
J AND M MORSE TRUCKING, LLC
 P.O. BOX 513
 HENNIKER, NH 03242





1. THE LOCATION OF THE UTILITIES SHOWN ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PRESERVE ALL UTILITY SERVICES.
2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING WITH ALL JURISDICTIONAL AGENCIES AND UTILITY COMPANIES PRIOR TO AND DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND PROPOSED WORK PRIOR TO CONSTRUCTION.

CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION
DIGSAFE.COM
 OR DIAL 811
 CALL BEFORE YOU DIG

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs



FIELDSTONE

LAND CONSULTANTS, PLLC

206 Elm Street, Milford NH 03055
 Phone: (603)-672-5456 Fax: (603)-413-5456
www.FieldstoneLandConsultants.com

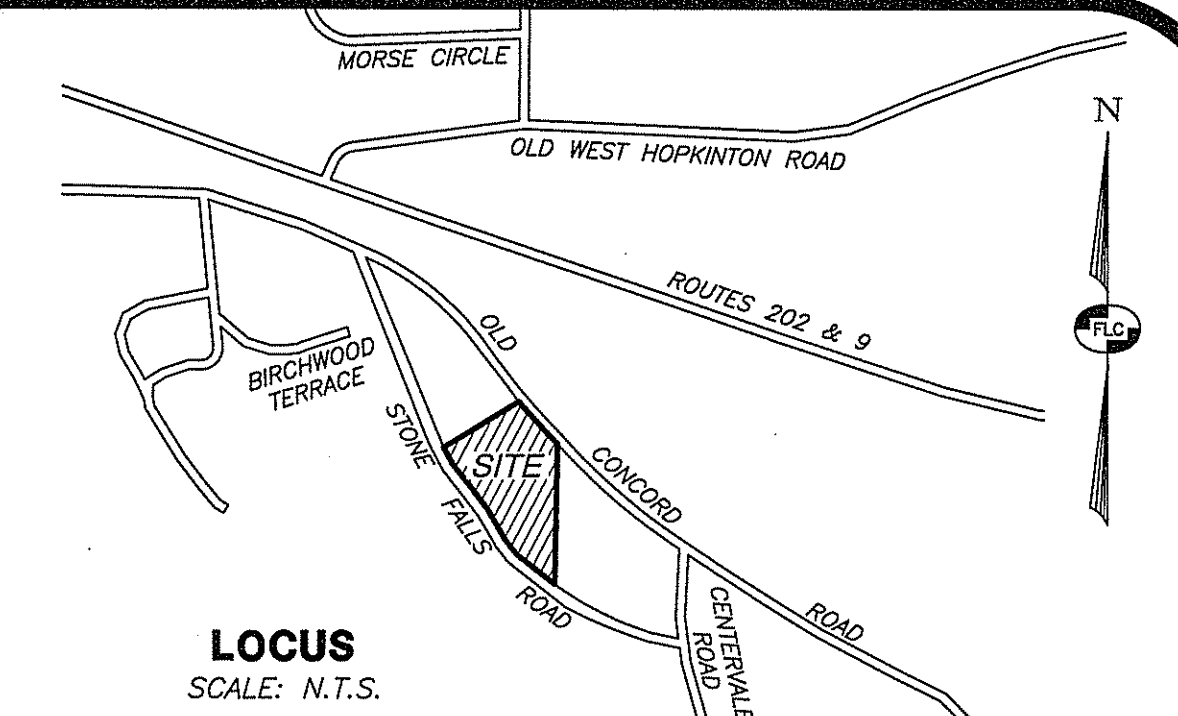
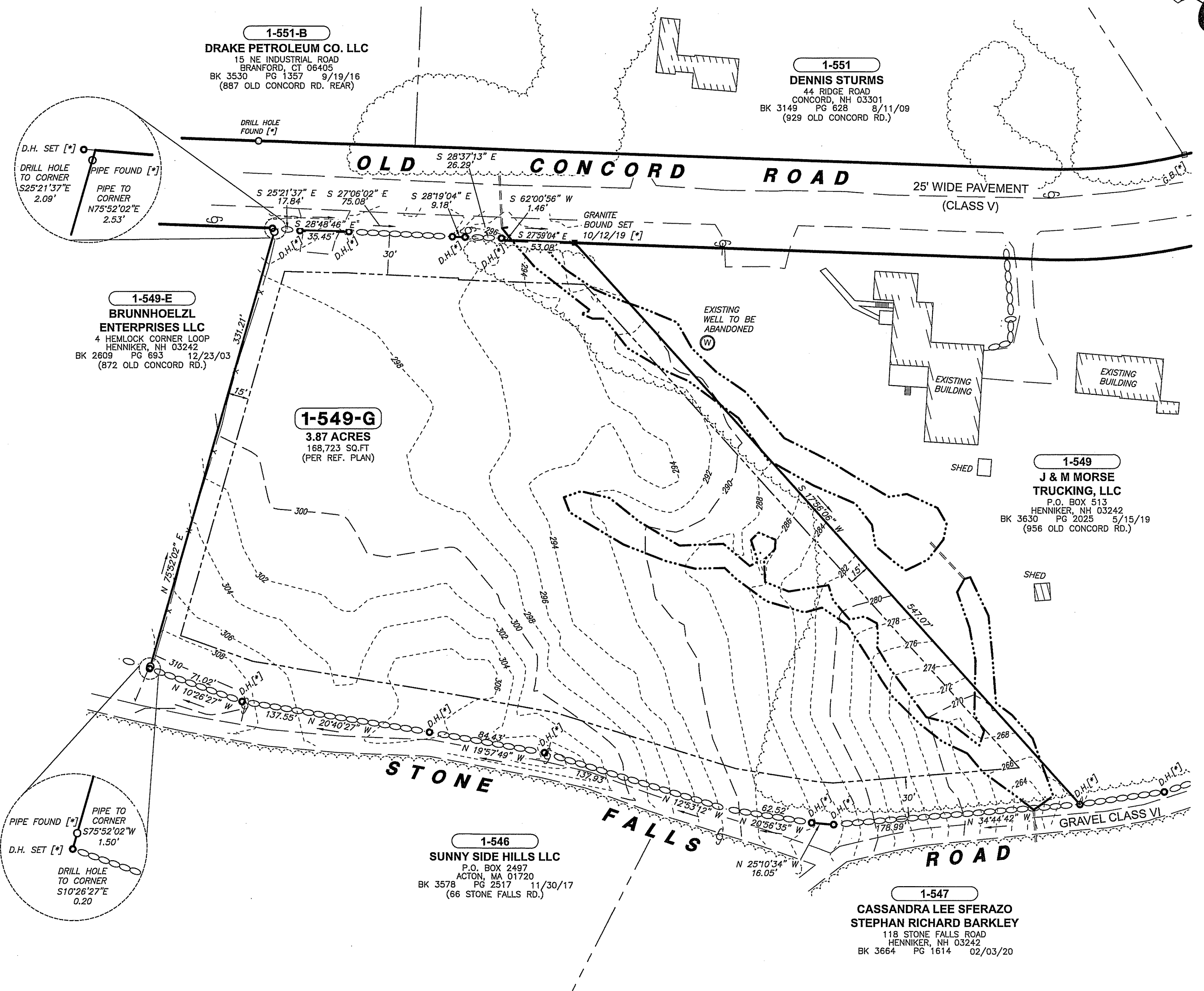
| REV. | DATE | DESCRIPTION | C/O | DR | CK |
|--|----------|-------------------|-----|-----|-----|
| A | 04/15/20 | PER TOWN PLANNING | - | DSL | CEB |
| FILE: 2392CV00A.dwg PROJ. NO. 2392.00 SHEET: CV-1 PAGE NO. 1 OF 9 | | | | | |

REFERENCE PLAN:

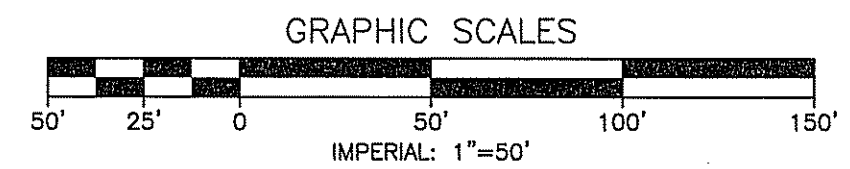
"PROPOSED SUBDIVISION - PREPARED FOR J AND M MORSE TRUCKING, LLC - 956 OLD CONCORD ROAD - TAX MAP 1 LOT 549 - HENNIKER, NEW HAMPSHIRE", SCALE 1"=50', DATED JULY 23, 2019 AND LAST REVISED OCTOBER 12, 2019, HIGGINSON LAND SERVICES, RECORDED IN THE M.C.R.D. AS PLAN NO.201900023420.

LEGEND:

- RIGHT-OF-WAY LINE
- BOUNDARY LINE
- ABUTTING LOT LINE
- BUILDING SETBACK LINE
- EDGE OF PAVED ROAD
- EDGE OF GRAVEL ROAD
- STONE WALL
- EDGE OF TREE LINE
- EDGE OF WETLANDS
- EXISTING EASEMENT LINE
- 300' 10' CONTOUR INTERVAL
- 302' 2' CONTOUR INTERVAL
- STOCKADE FENCE
- CULVERT
- OH — OVERHEAD UTILITY LINE
- UGE — UNDERGROUND UTILITY LINE
- 2D-18 TAX MAP & LOT NUMBER
- UTILITY POLE, GUY & LIGHT
- LIGHT POST
- SINGLE SIGN POST
- ORNAMENTAL TREES
- EXISTING BUILDING
- [*] PER REFERENCE PLAN
- [G.B.*] GRANITE BOUND PER REF.PLAN
- [D.H.*] DRILL HOLE PER REF.PLAN
- [PIPE*] IRON PIPE FOUND



- NOTES:**
- OWNER OF RECORD FOR TAX MAP 1 LOT 549-G IS J AND M MORSE TRUCKING, LLC, P.O. BOX 513 HENNIKER, NH 03242 (SEE M.C.R.D. BK 3630 PG. 2025 DATED 5/14/19).
 - THE PURPOSE OF THIS PLAN IS TO DEPICT THE BOUNDARY AND EXISTING CONDITIONS FOR TAX MAP PARCEL 1-549-G AS SHOWN.
 - THE TOTAL AREA OF TAX MAP PARCEL 1-549-G IS 3.87 ACRES PER REFERENCE PLAN.
 - LOT NUMBERS REFER TO THE TOWN OF HENNIKER ASSESSORS MAP 1.
 - ZONING FOR THE PARCEL IS HEAVY COMMERCIAL (CH) ZONE. THIS ZONE HAS A MINIMUM LOT SIZE OF 2 ACRES WITH 125.00 FEET OF FRONTAGE. THE MINIMUM SETBACKS ARE 30 FEET FRONT AND 15 FEET SIDE AND REAR.
 - THE WETLANDS ON THE SITE WERE DELINEATED IN ACCORDANCE WITH THE US ARMY CORPS OF ENGINEERS 1987 WETLANDS DELINEATION MANUAL Y-87-1 AND REGIONAL SUPPLEMENTS FOR NORTHEAST AND NORTHCENTRAL REGION AND FIELD INDICATORS FOR HYDRIC SOILS IN NEW ENGLAND PER REFERENCE PLAN AND FIELD VERIFIED BY CHRISTOPHER A. GUIDA, C.W.S. IN DECEMBER 2019.
 - THE BOUNDARY AND SURFACE FEATURES SHOWN ARE PER REFERENCE PLAN.
 - THE PARCEL IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE AS DETERMINED FROM THE FLOOD INSURANCE STUDY FIRM MAP NUMBER: 3301300491E, DATED: APRIL 19, 2010.
 - SOIL TYPE FOR THE ENTIRE SITE IS 480B MILLSITE-WOODSTOCK-HENNIKER COMPLEX.
 - THE LOCATION OF ANY UTILITIES SHOWN HAVE BEEN COMPILED IN PART FROM PLANS OF RECORD AND FIELD LOCATION. THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.
 - THE EXISTING SITE WILL BE SERVICED BY ON SITE WATER AND SEPTIC AND UNDERGROUND TELEPHONE, AND ELECTRIC UTILITIES.



| REV. | DATE | DESCRIPTION | C/O | DR | CK |
|------|------|-------------|-----|----|----|
| | | | | | |

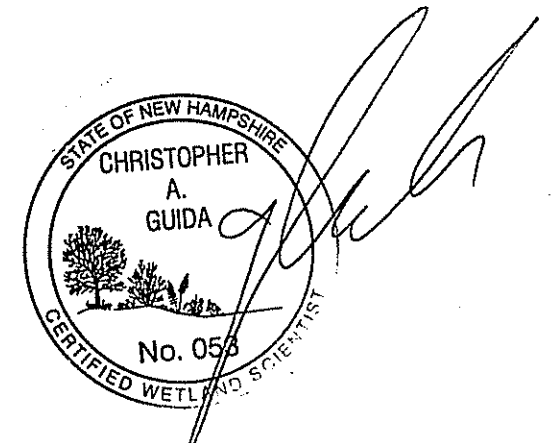
EXISTING CONDITIONS PLAN
TAX MAP 1 LOT 549-G
(OLD CONCORD ROAD)
HENNIKER, NEW HAMPSHIRE
 PREPARED FOR:
MAC MILFORD REALTY, LLC
 5 CIARDELLI CROSSING, MILFORD, NH 03055
 LAND OF:
J AND M MORSE TRUCKING, LLC
 513 P.O. BOX, HENNIKER, NH 03242

SCALE: 1" = 50' MARCH 17, 2020

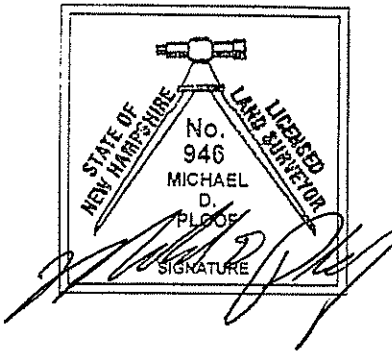
Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

206 Elm Street, Milford, NH 03055
 Phone: (603) 672-5456 Fax: (603) 413-5456
 www.FieldstoneLandConsultants.com

CERTIFICATION:
 JURISDICTIONAL WETLANDS SHOWN HEREON ARE PER THE REFERENCE PLAN CITED AND WERE FIELD VERIFIED BY CHRISTOPHER A. GUIDA, C.W.S. IN DECEMBER 2019.
 DATE: 3/17/20

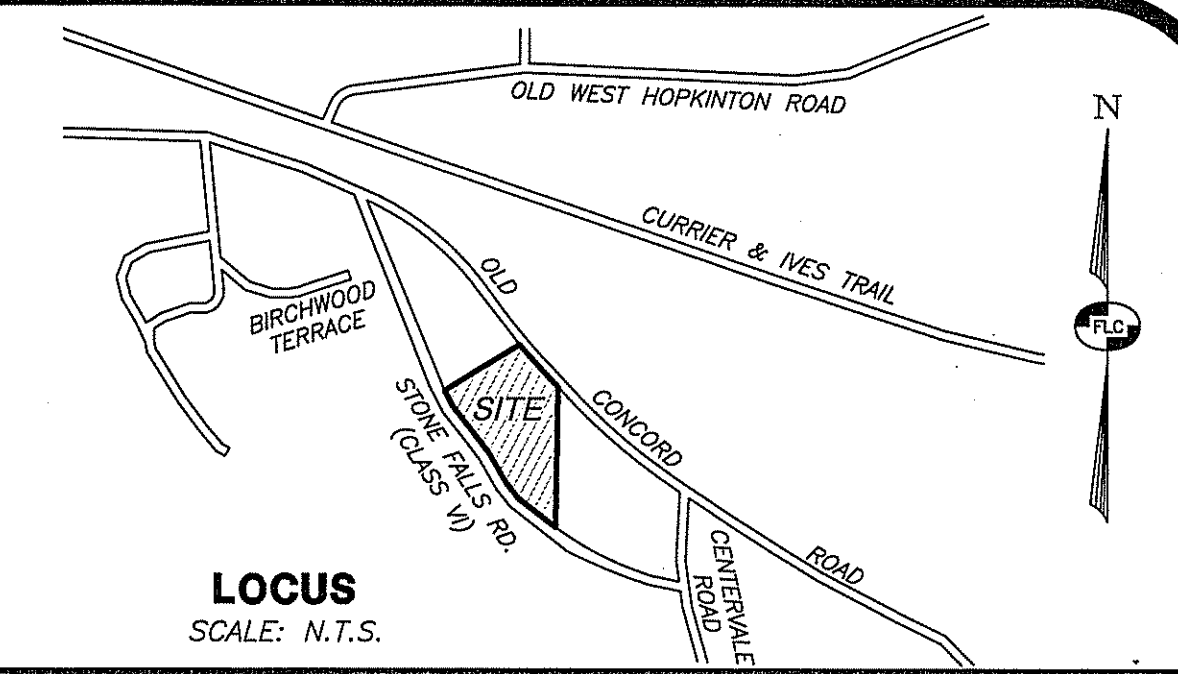
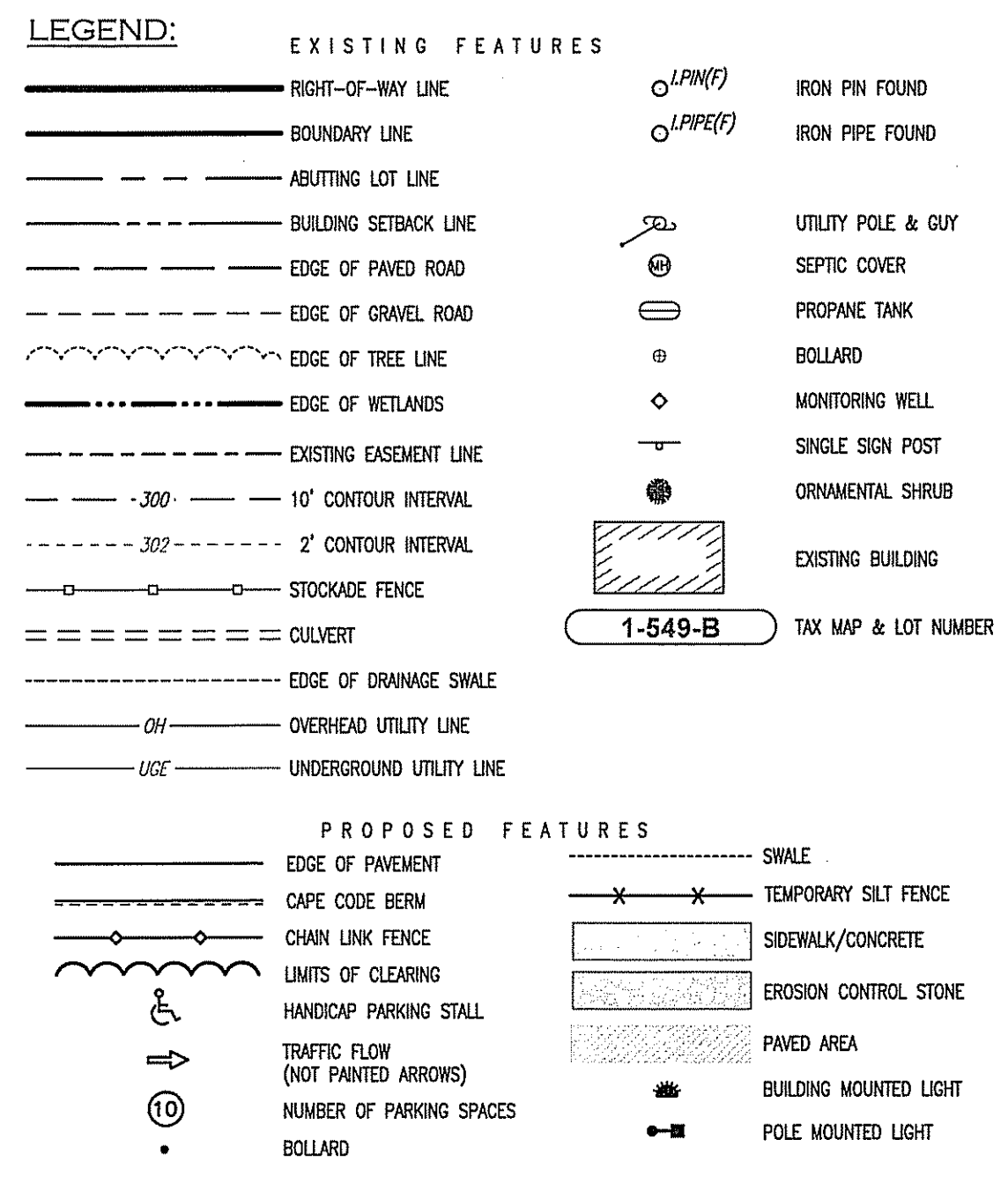
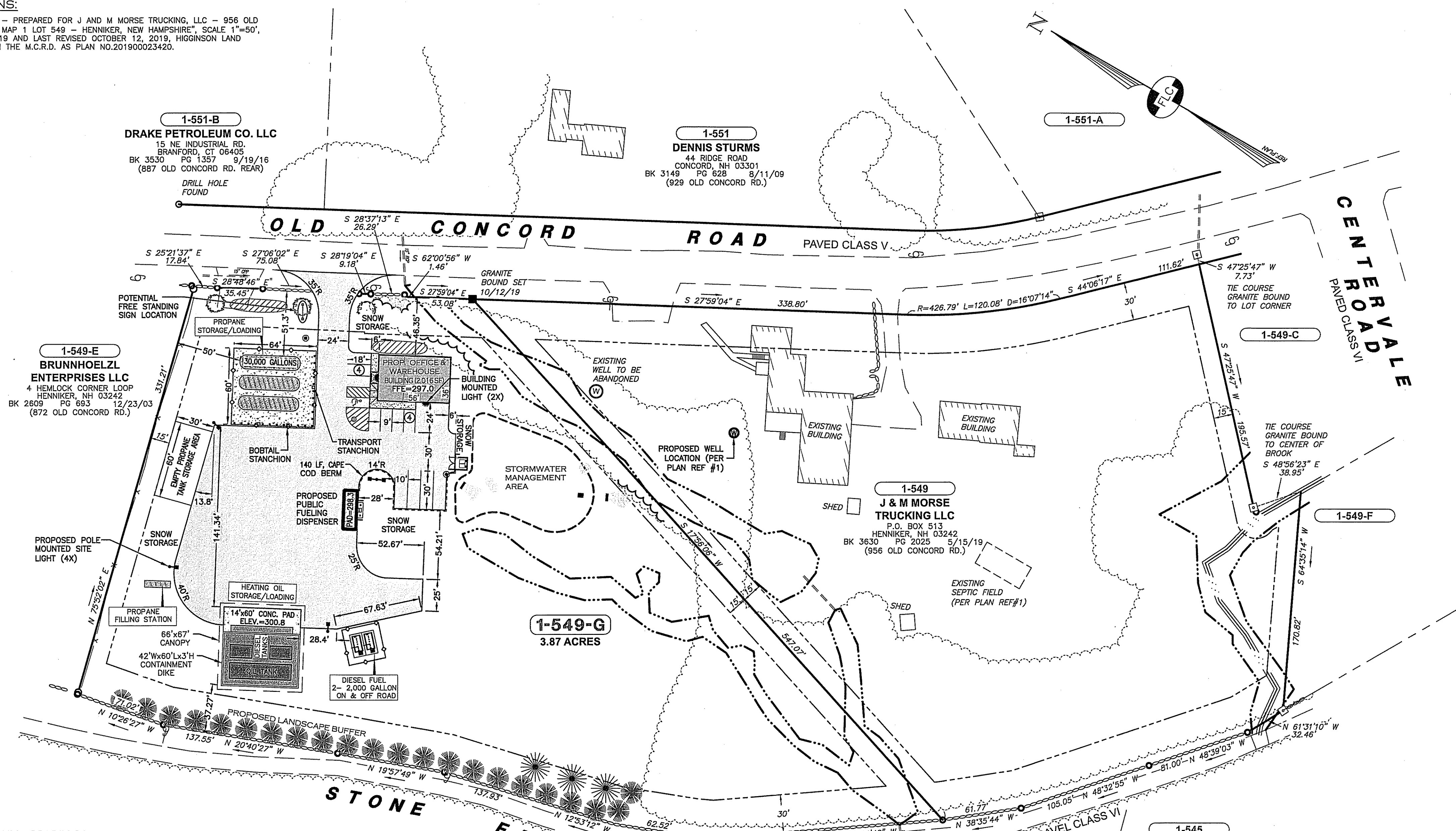


CERTIFICATION:
 I HEREBY CERTIFY THAT THE BOUNDARY AND IMPROVEMENTS SHOWN WERE DEVELOPED ENTIRELY FROM THE REFERENCE PLAN CITED HEREON AND THAT IT IS MATHEMATICALLY CORRECT.
 DATE: 3/17/20



REFERENCE PLANS:

1. "PROPOSED SUBDIVISION - PREPARED FOR J AND M MORSE TRUCKING, LLC - 956 OLD CONCORD ROAD - TAX MAP 1 LOT 549 - HENNIKER, NEW HAMPSHIRE, SCALE 1"=50', DATED JANUARY 23, 2019 AND LAST REVISED OCTOBER 12, 2019, HIGGINSON LAND SERVICES, RECORDED IN THE M.C.R.D. AS PLAN NO.201900023420.



- NOTES:**
- OWNER OF RECORD FOR TAX MAP 1 LOT 549-G IS J AND M MORSE TRUCKING LLC, P.O. BOX 513 HENNIKER, NH 03242 (SEE M.C.R.D. BK 3630 PG. 2025 DATED 5/14/19).
 - THE PURPOSE OF THIS PLAN IS TO DEPICT THE DEVELOPMENT OF A PROPOSED BULK FUEL STORAGE FACILITY WITH ASSOCIATED SITE IMPROVEMENTS OVER TAX MAP PARCEL 1-549-G AS SHOWN.
 - THE TOTAL AREA OF TAX MAP PARCEL 1-549-G IS 3.87 ACRES PER REFERENCE PLAN #1.
 - LOT NUMBERS REFER TO THE TOWN OF HENNIKER ASSESSORS MAP 1.
 - ZONING FOR THE PARCEL IS HEAVY COMMERCIAL (CH) ZONE. THIS ZONE HAS A MINIMUM LOT SIZE OF 2 ACRES WITH 125.00 FEET OF FRONTAGE. THE MINIMUM SETBACKS ARE 30 FEET FRONT AND 15 FEET SIDE AND REAR.
 - THE WETLANDS ON THE SITE WERE DELINEATED IN ACCORDANCE WITH THE US ARMY CORPS OF ENGINEERS 1987 WETLANDS DELINEATION MANUAL Y-87-1 AND REGIONAL SUPPLEMENTS FOR NORTHEAST AND NORTH-CENTRAL REGION AND FIELD INDICATORS FOR HYDRIC SOILS IN NEW ENGLAND BY CHRISTOPHER A. GUIDA, C.W.S. IN DECEMBER 2019.
 - THE BOUNDARY AND SURFACE FEATURES SHOWN ARE PER REFERENCE PLAN #1.
 - THE PARCEL IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE AS DETERMINED FROM THE FLOOD INSURANCE STUDY FIRM MAP NUMBER: 3301300491E, DATED: APRIL 19, 2010.
 - SOILS TYPE FOR THE ENTIRE SITE IS IA 480B MILLSITE-WOODSTOCK-HENNIKER COMPLEX.
 - THE LOCATION OF ANY UTILITIES SHOWN HAVE BEEN COMPILED IN PART FROM PLANS OF RECORD AND FIELD LOCATION. THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.
 - THE EXISTING SITE WILL BE SERVICED BY ON SITE WATER AND SEPTIC AND UNDERGROUND TELEPHONE, GAS, ELECTRIC UTILITIES.
 - THE CURRENT SITE LAYOUT PROVIDES FOR 7 STANDARD PARKING SPACES, 1 VAN ACCESSIBLE PARKING SPACE, AND 4 DEDICATED PARKING SPACES FOR COMPANY TRUCKS.
 - THE SITE WILL HAVE A DUMPSTER LOCATED IN A DUMPSTER ENCLOSURE FOR SOLID WASTE MANAGEMENT.
 - SITE LIGHTING WILL BE PRIMARILY BUILDING MOUNTED WITH ONE POLE LIGHT AT THE DIESEL FUELING STATION. THE LIGHTING IS DOWNCAST AND WILL BE FULLY SHIELDED LED LIGHT FIXTURES.
 - PHASING: THIS PROJECT MAY BE CONSTRUCTED IN PHASES. IF DONE IN PHASES, PHASE 1 WOULD CONSIST OF GRADING THE SITE, CONSTRUCTING THE DRAINAGE IMPROVEMENTS, INSTALLING AT LEAST ONE PROPANE TANK AND COMPLETING THE LANDSCAPING AS SHOWN. PHASE 2 WOULD CONSIST OF CONSTRUCTING THE REMAINDER OF THE SITE IMPROVEMENTS AS SHOWN.
 - THE ANTICIPATED HOURS OF OPERATION FOR THE OFFICE ARE MONDAY THROUGH SATURDAY 7 AM TO 5 PM. THE BULK STORAGE FACILITY AND DIESEL PUMPS WILL BE OPEN 24 HOURS. THESE HOURS ARE SUBJECT TO CHANGE BASED ON MARKET DEMAND.
 - THE SITE WILL NOT DISCHARGE HAZARDOUS OR TOXIC WASTE ON-SITE.
 - ADEQUATE SNOW STORAGE IS AVAILABLE ON-SITE. THIS PLAN DESIGNATES POTENTIAL AREAS FOR SNOW STORAGE.
 - STUMPS, DEBRIS AND OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY. STUMPS MAY BE GROUND AND USED FOR EROSION CONTROL ON-SITE IF DESIRED.
 - THE PROPOSED CHAIN LINK FENCE WILL BE SIX FOOT HIGH, BLACK VINYL CHAIN LINK FENCE. THE APPLICANT RESERVES THE RIGHT TO ADJUST THE LIMITS AND/OR CONFIGURATION OF THE PROPOSED FENCING AS NECESSARY.
 - THERE IS POTENTIAL FOR A FREE STANDING BUSINESS SIGN AS SHOWN. ALL SIGNAGE SHALL CONFORM TO THE APPLICABLE TOWN OF HENNIKER REGULATIONS WITH ALL NECESSARY SIGN PERMITS ARE TO BE SECURED PRIOR TO INSTALLATION.

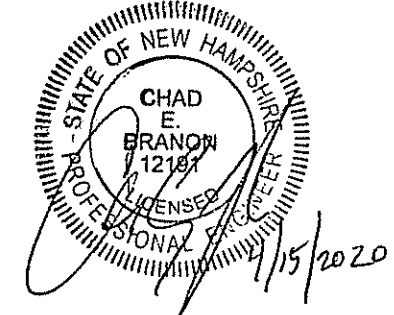
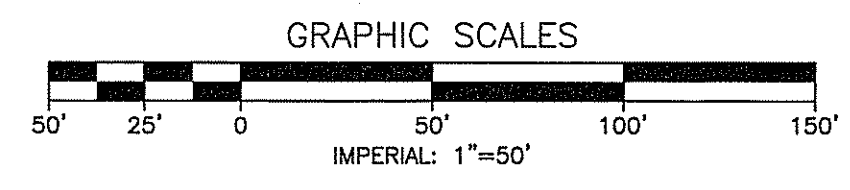
| REV. | DATE | DESCRIPTION | C/O | DR | CEB | CK |
|------|----------|-------------------|-----|----|-----|-----|
| A | 04/15/20 | PER TOWN PLANNING | | | DSL | CEB |

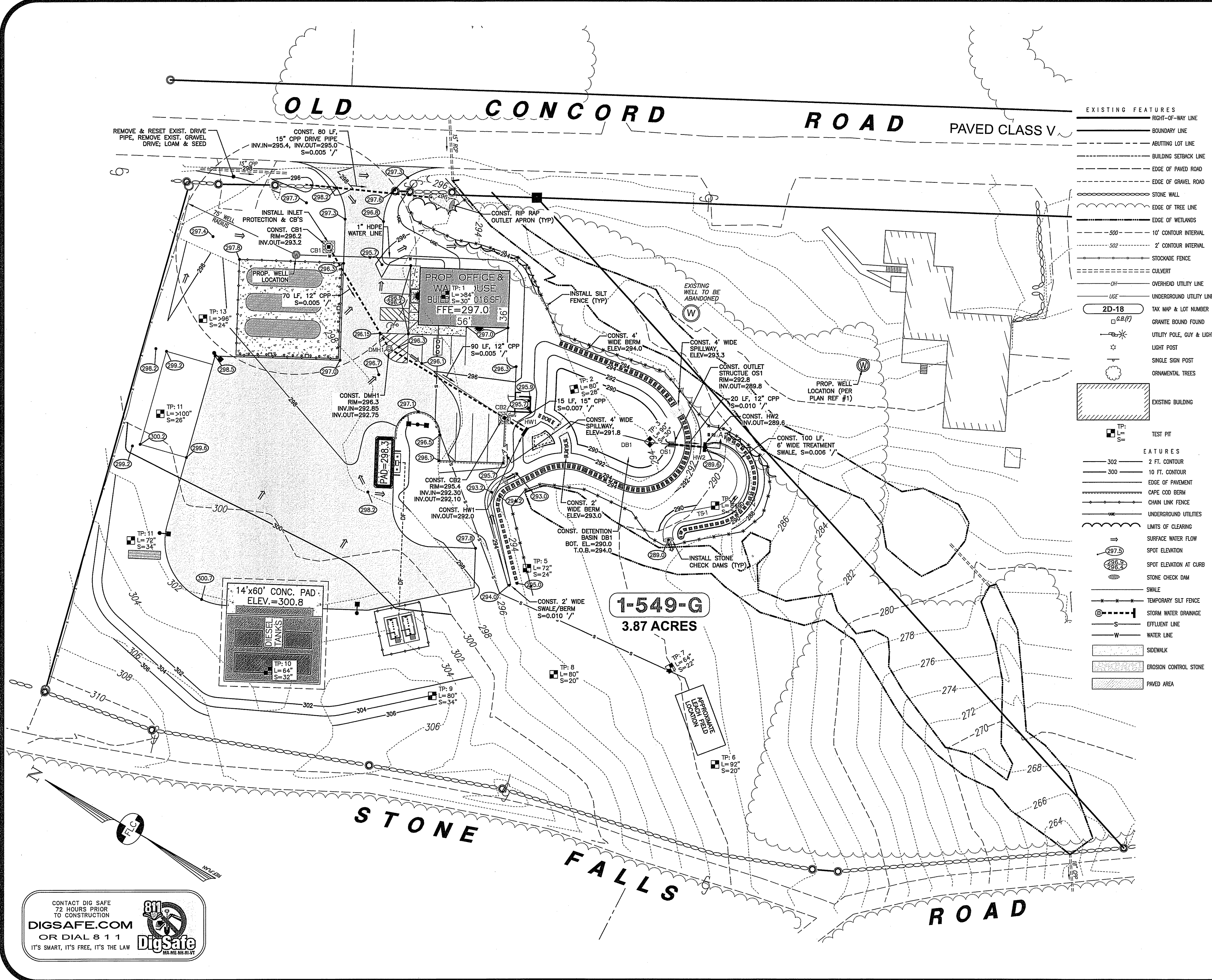
SITE PLAN
TAX MAP 1 LOT 549-G
(OLD CONCORD ROAD)
HENNIKER, NEW HAMPSHIRE
 PREPARED FOR:
MAC MILFORD REALTY, LLC
 5 CIARDELLI CROSSING, MILFORD, NH 03055
 LAND OF:
J AND M MORSE TRUCKING, LLC
 513 P.O. BOX, HENNIKER, NH 03242

SCALE: 1" = 50' MARCH 16, 2020

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

FIELDSTONE
LAND CONSULTANTS, PLLC
 206 Elm Street, Milford, NH 03055
 Phone: (603) 672-5456 Fax: (603) 413-5456
 www.FieldstoneLandConsultants.com





- GENERAL CONSTRUCTION NOTES:**
- ALL WORK SHALL CONFORM TO THE APPLICABLE REGULATIONS AND STANDARDS OF THE TOWN OF HENNIKER AND SHALL BE BUILT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. THE TOWN OF HENNIKER DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS FOR ROAD CONSTRUCTION AND SEWERS AND DRAINS AND THE NHDOT STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION APPROVED AND ADOPTED 2016 ARE HEREBY INCORPORATED BY REFERENCE.
 - SITE AND DRAINAGE CONSTRUCTION SHALL CONFORM TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS AND THE SPECIFICATIONS NOTED ABOVE. ANY ALTERATION OF THIS DESIGN OR CHANGE DURING CONSTRUCTION MAY REQUIRE APPROVAL OF VARIOUS TOWN/CITY BOARDS OR AGENCIES AND SHALL BE DISCUSSED WITH THE OWNER AND ENGINEER PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL VERIFY THAT ALL THE INFORMATION SHOWN HEREON IS CONSISTENT, COMPLETE, ACCURATE, AND CAN BE CONSTRUCTED PRIOR TO AND/OR DURING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES, ERRORS, OMISSIONS, OR EXISTING UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION SO THAT REMEDIAL ACTION MAY BE TAKEN BEFORE PROCEEDING WITH THE WORK.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING "DIGSAFE" AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION (DIGSAFE.COM OR DIAL 811).
 - THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE CITY DEPARTMENTS PRIOR TO CONSTRUCTION TO ARRANGE FOR NECESSARY INSPECTIONS.
 - STUMPS, DEBRIS AND OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY. STUMPS MAY BE GROUND AND USED FOR EROSION CONTROL ON-SITE IF DESIRED.
 - ALL DISTURBED NON-PAVED AREAS SHALL BE LOAMED AND SEEDED IMMEDIATELY UPON BEING CONSTRUCTED.

EXISTING FEATURES

- RIGHT-OF-WAY LINE
- BOUNDARY LINE
- ABUTTING LOT LINE
- BUILDING SETBACK LINE
- EDGE OF PAVED ROAD
- EDGE OF GRAVEL ROAD
- STONE WALL
- EDGE OF TREE LINE
- EDGE OF WETLANDS
- 10' CONTOUR INTERVAL
- 2' CONTOUR INTERVAL
- STOCKADE FENCE
- CULVERT
- OVERHEAD UTILITY LINE
- UNDERGROUND UTILITY LINE
- TAX MAP & LOT NUMBER
- GRANITE BOUND FOUND
- UTILITY POLE, GUY & LIGHT
- LIGHT POST
- SINGLE SIGN POST
- ORNAMENTAL TREES
- EXISTING BUILDING
- TEST PIT

FEATURES

- 2 FT. CONTOUR
- 10 FT. CONTOUR
- EDGE OF PAVEMENT
- CAPE COD BERM
- CHAIN LINK FENCE
- UNDERGROUND UTILITIES
- LIMITS OF CLEARING
- SURFACE WATER FLOW
- SPOT ELEVATION
- SPOT ELEVATION AT CURB
- STONE CHECK DAM
- SWALE
- TEMPORARY SILT FENCE
- STORM WATER DRAINAGE
- EFFLUENT LINE
- WATER LINE
- SIDEWALK
- EROSION CONTROL STONE
- PAVED AREA

CHAD BRANON
12/19/17
REGISTERED PROFESSIONAL ENGINEER
4/15/2020

GRAPHIC SCALES
30' 15' 0' 30' 60' 90'
IMPERIAL: 1"=30'

| REV. | DATE | PER TOWN PLANNING DESCRIPTION | C/O | DSL DR | CEB CK |
|------|----------|-------------------------------|-----|--------|--------|
| A | 04/15/20 | PER TOWN PLANNING | | | |

GRADING & UTILITY PLAN
TAX MAP 1 LOT 549-G
(OLD CONCORD ROAD)
HENNIKER, NEW HAMPSHIRE

PREPARED FOR:
MAC MILFORD REALTY, LLC
 5 CIARDELLI CROSSING, MILFORD, NH 03055

LAND OF:
J AND M MORSE TRUCKING, LLC
 513 P.O. BOX, HENNIKER, NH 03242

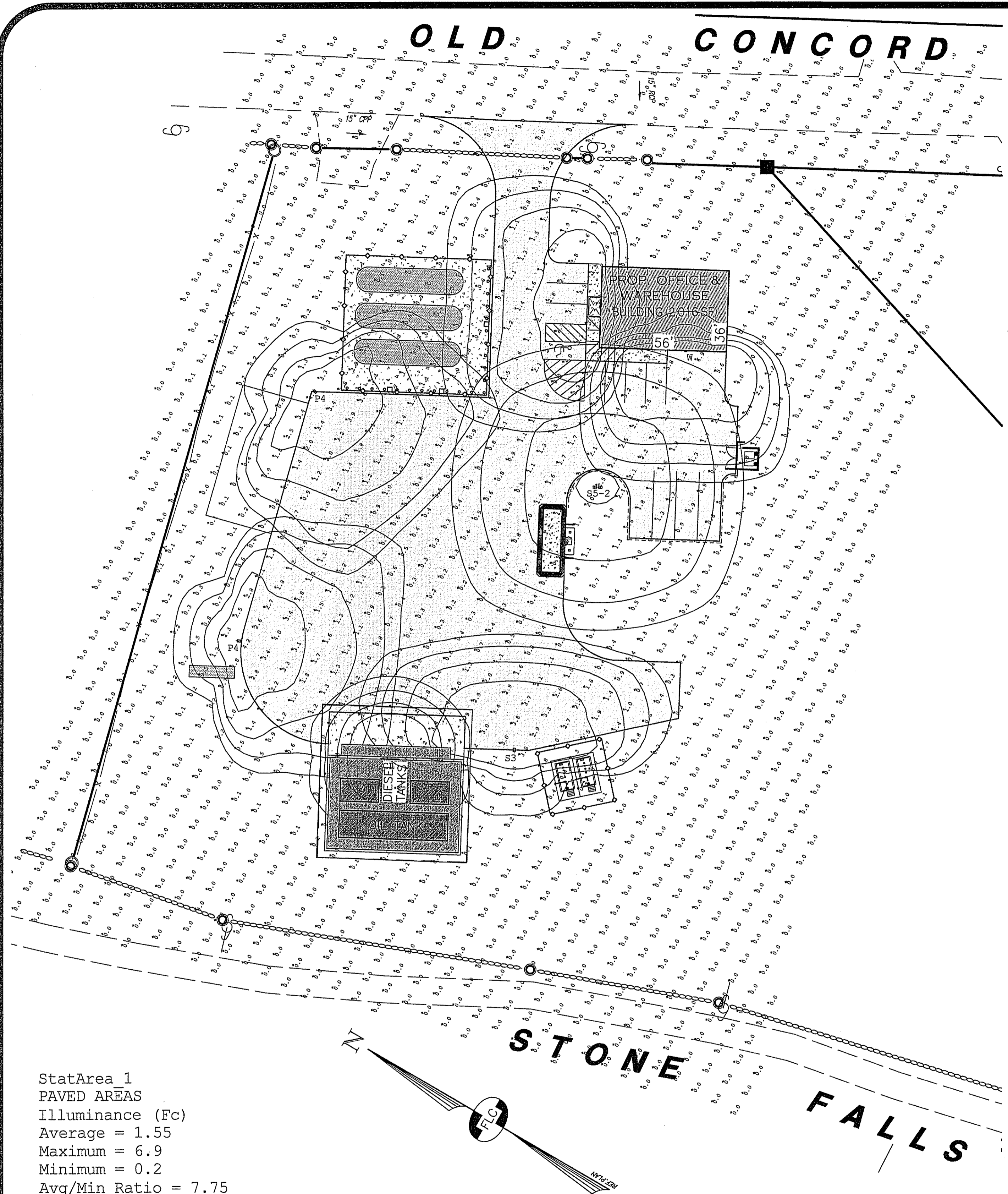
SCALE: 1" = 30' MARCH 16, 2020

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

FIELDSTONE
 LAND CONSULTANTS, PLLC

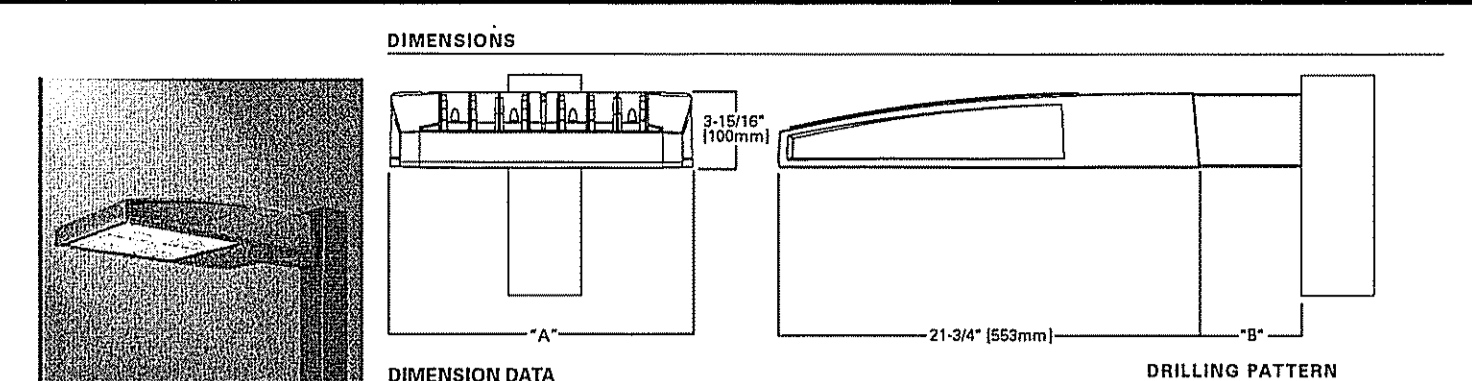
206 Elm Street, Milford, NH 03055
 Phone: (603) 672-5456 Fax: (603) 413-5456
 www.FieldstoneLandConsultants.com

CONTACT DIG SAFE
 72 HOURS PRIOR
 TO CONSTRUCTION
DIGSAFE.COM
 OR DIAL 8 1 1
 IT'S SMART, IT'S FREE, IT'S THE LAW



StatArea_1
PAVED AREAS
Illuminance (Fc)
Average = 1.55
Maximum = 6.9
Minimum = 0.2
Avg/Min Ratio = 7.75
Max/Min Ratio = 34.50

| Symbol | Qty | Label | Arrangement | Description |
|--------|-----|-------|-------------|--|
| | 1 | CL | SINGLE | 8VT2-LD5-12-DR-UNV-L840-CD2-WL-U/ CANOPY MOUNTED |
| | 2 | P4 | SINGLE | GLEON-AF-02-LED-E1-T4FT/ SSS4A20SFN1 (20' AFG) |
| | 1 | S3 | SINGLE | GLEON-AF-02-LED-E1-T3/ SSS4A20SFN1 (20' AFG) |
| | 1 | S5-2 | BACK-BACK | 2-GLEON-AF-01-LED-E1-5WQ/ SSS4A20SFN2 (20' AFG) |
| | 1 | W4 | SINGLE | GWC-AF-02-LED-E1-SL4/ WALL MTD 15' AFG |
| | 1 | W4 | SINGLE | GWC-AF-02-LED-E1-SL4/ WALL MTD 20' AFG |



GLEON GALLEON LED
1-10 Light Squares
Solid State LED
AREA/SITE LUMINAIRE

| Number of Light Squares | "A" Width | "B" Standard Arm Length | "B" Optional Arm Length | Weight with Arm (lbs.) | EPA with Arm (ft/cd) |
|-------------------------|-----------------|-------------------------|-------------------------|------------------------|----------------------|
| 1-4 | 15-1/2" (394mm) | 7" (178mm) | 10" (254mm) | 33 (15.0 kgs.) | 0.88 |
| 5-6 | 21-3/8" (543mm) | 7" (178mm) | 10" (254mm) | 44 (20.0 kgs.) | 1.00 |
| 7-8 | 27-5/8" (702mm) | 7" (178mm) | 13" (330mm) | 54 (24.5 kgs.) | 1.07 |
| 9-10 | 33-3/4" (857mm) | 7" (178mm) | 16" (406mm) | 63 (28.6 kgs.) | 1.12 |

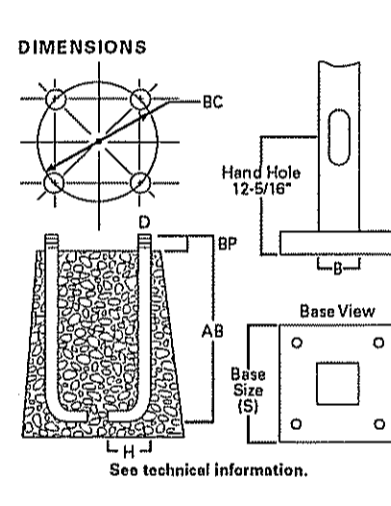
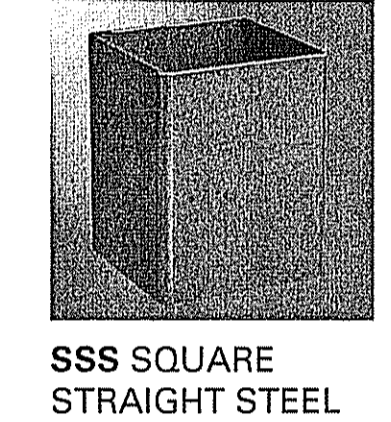
NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.

Sample Number: GLEON-AF-04-LED-E1-T3-GM-QM

| Product Family | Light Engine | Number of Light Squares | Lamp Type | Voltage | Distribution | Color | Mounting |
|----------------|---------------------|---|---------------------------------------|---|---|---|--|
| GLEON-Galleon | AF-1A Drive Current | 01-1 02-2 03-3 04-4 05-5 06-6 07-7 08-8 09-9 10-10 | LED-Solid State Light Emitting Diodes | E1-120-277V E1-240-277V E1-347V 480-480V | T2-Type II T2-Type II Roadway T2-Type II JS T2-Type II Roadway T2-Type II Roadway T2-Type IV Forward Throw P4 T2-Type IV Wide S10-Type V Narrow S10-Type V Square Medium S10-Type V Square Wide S10-Type V Square Wide JS-2 SL4-Type III w/Spill Control SL4-Type III w/Spill Control SL4-Type IV w/Spill Control SL4-90° Spill Light Eliminator Left SL4-90° Spill Light Eliminator Right RW-Rectangular Wide Type I APL-Automotive Frontline | AP-Gray BZ-Bronze BK-Black DP-Dark Platinum GM-Graphite Metallic WH-White | (Blank)-Arm for Round or Square Pole EA-Extended Arm MA-Mast Arm Adapter WH-Wall Mount QM-Quick Mount Arm QMA-Quick Mount Arm (Extended Length) |

POLE FIXTURE SPECIFICATIONS

| Product Family | Material | Finish | Height | Base | Mounting | Options |
|---------------------------|----------|--------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| SSS-Square Straight Steel | Steel | Black | 10-12' 15-20' 25-30' 30-35' | 4-1/2" 4-1/2" 4-1/2" 4-1/2" | 4-1/2" 4-1/2" 4-1/2" 4-1/2" | AP-Gray BZ-Bronze BK-Black DP-Dark Platinum GM-Graphite Metallic WH-White X-Custom Color Y-Black |

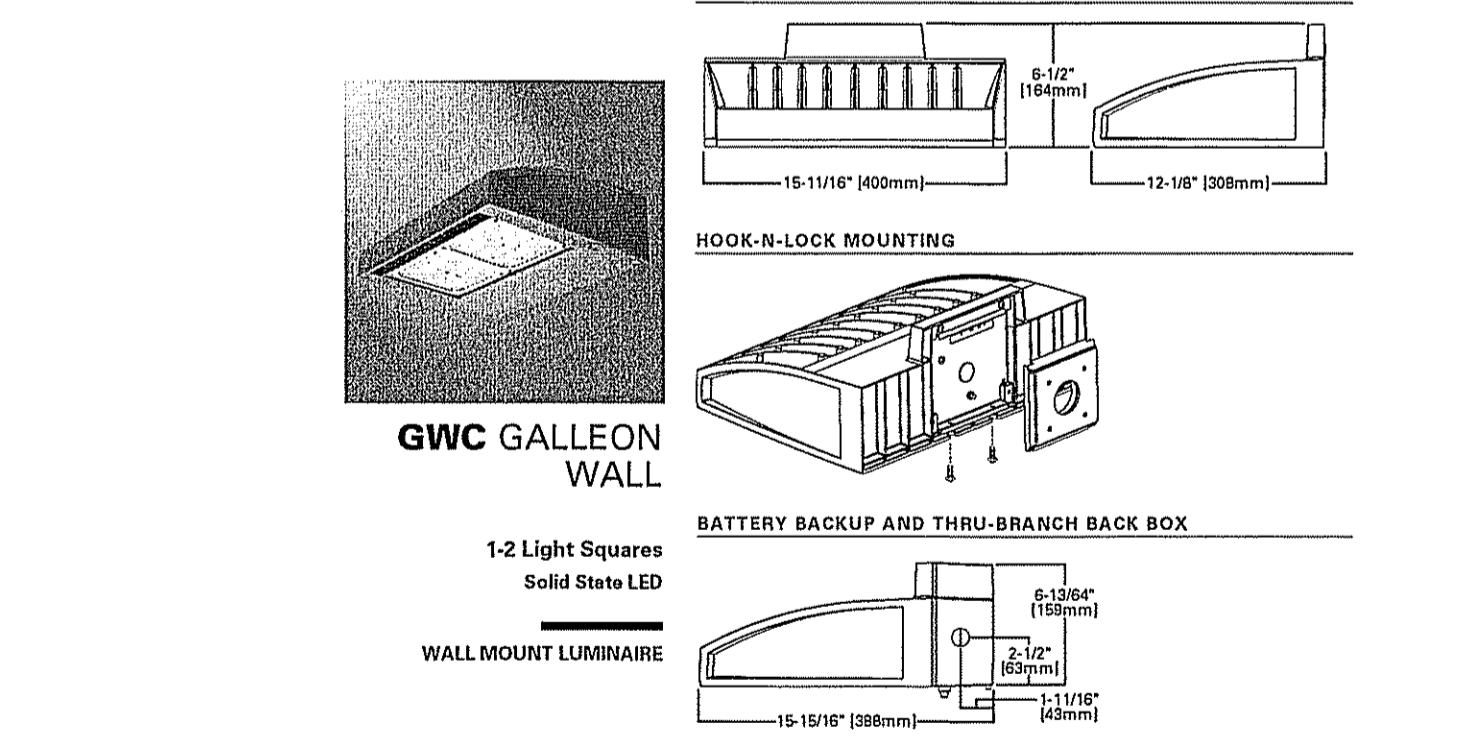


ORDERING INFORMATION
SAMPLE NUMBER: SSSA20SFN1XG

| Product Family | Material | Finish | Height | Base | Mounting | Options |
|---------------------------|----------|--------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| SSS-Square Straight Steel | Steel | Black | 10-12' 15-20' 25-30' 30-35' | 4-1/2" 4-1/2" 4-1/2" 4-1/2" | 4-1/2" 4-1/2" 4-1/2" 4-1/2" | AP-Gray BZ-Bronze BK-Black DP-Dark Platinum GM-Graphite Metallic WH-White X-Custom Color Y-Black |

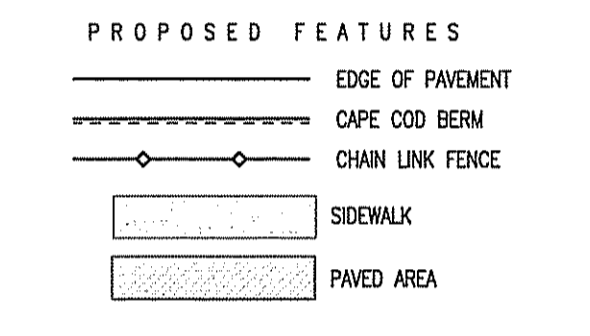
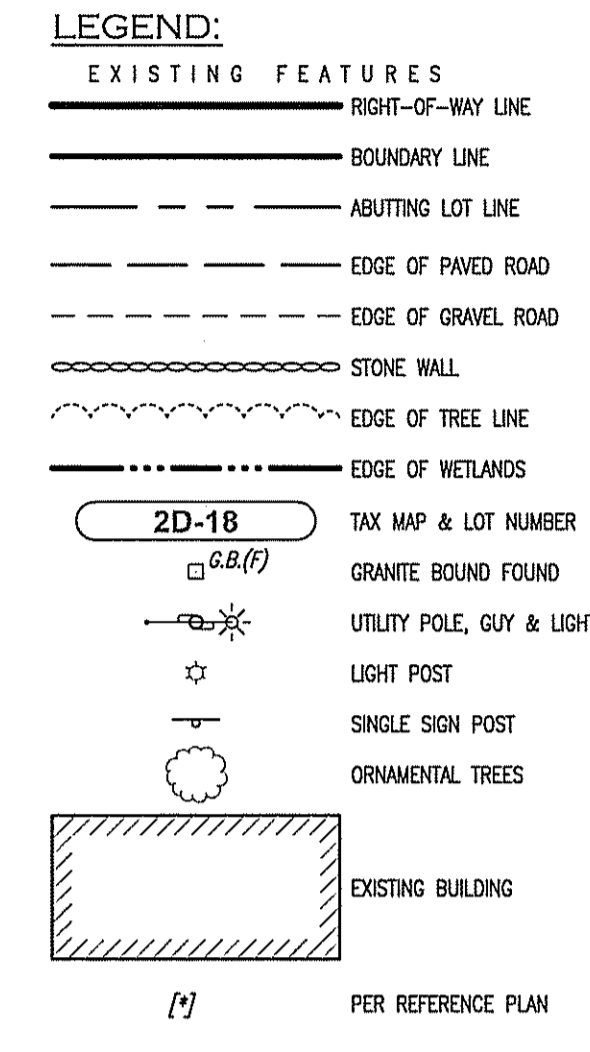
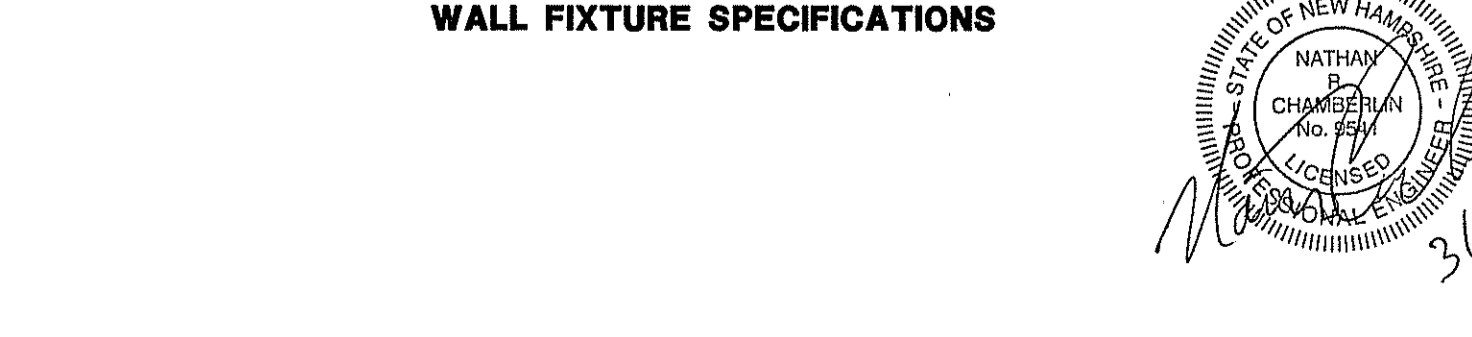
LIGHT POLE SPECIFICATIONS

| Model | Material | Finish | Height | Base | Mounting | Options |
|----------|----------|--------|--------|--------|----------|--|
| SSS4A105 | Steel | Black | 10-12' | 4-1/2" | 4-1/2" | AP-Gray BZ-Bronze BK-Black DP-Dark Platinum GM-Graphite Metallic WH-White X-Custom Color Y-Black |
| SSS4A165 | Steel | Black | 15-20' | 4-1/2" | 4-1/2" | AP-Gray BZ-Bronze BK-Black DP-Dark Platinum GM-Graphite Metallic WH-White X-Custom Color Y-Black |
| SSS4A205 | Steel | Black | 25-30' | 4-1/2" | 4-1/2" | AP-Gray BZ-Bronze BK-Black DP-Dark Platinum GM-Graphite Metallic WH-White X-Custom Color Y-Black |
| SSS4A305 | Steel | Black | 30-35' | 4-1/2" | 4-1/2" | AP-Gray BZ-Bronze BK-Black DP-Dark Platinum GM-Graphite Metallic WH-White X-Custom Color Y-Black |

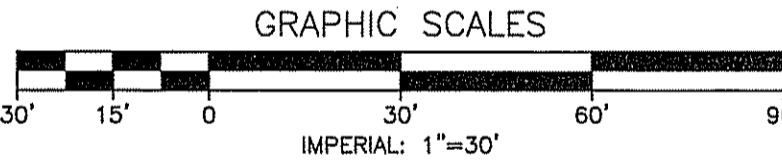


ORDERING INFORMATION
Sample Number: GWC-AF-02-LED-E1-T3-GM

| Product Family | Light Engine | Number of Light Squares | Lamp Type | Voltage | Distribution | Color | Mounting Options |
|------------------|---------------------|-------------------------|---------------------------------------|---|--|--|-----------------------|
| GWC-Galleon Wall | AF-1A Drive Current | 01-1 02-2 | LED-Solid State Light Emitting Diodes | E1-120-277V E1-240-277V E1-347V 480-480V | T2-Type II T2-Type II Roadway T2-Type II JS T2-Type II Roadway T2-Type IV Forward Throw T2-Type IV Wide SL2-Type III w/Spill Control SL2-Type III w/Spill Control SL2-Type IV w/Spill Control SL2-90° Spill Light Eliminator Left SL2-90° Spill Light Eliminator Right RW-Rectangular Wide Type I S10-Type V Square Narrow S10-Type V Square Medium S10-Type V Square Wide | AP-Gray BZ-Bronze BK-Black DP-Dark Platinum GM-Graphite Metallic WH-White CC-Custom Color | (BLANK)-Surface Mount |



CONTACT DIG SAFE
72 HOURS PRIOR TO CONSTRUCTION
DIGSAFE.COM
OR DIAL 8 1 1
IT'S SMART, IT'S FREE, IT'S THE LAW
DigSafe
MADE IN NH



| REV. | DATE | DESCRIPTION | C/O | DR | CK |
|------|------|-------------|-----|----|----|
| | | | | | |

SITE LIGHTING PLAN
TAX MAP 1 LOT 549-G
(OLD CONCORD ROAD)
HENNIKER, NEW HAMPSHIRE

PREPARED FOR:
MAC MILFORD REALTY, LLC
5 CIARDELLI CROSSING, MILFORD, NH 03055

LAND OF:
J AND M MORSE TRUCKING, LLC
513 P.O. BOX, HENNIKER, NH 03242

SCALE: 1" = 30' MARCH 16, 2020

Surveying + Engineering + Land Planning + Permitting + Septic Designs

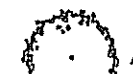



FIELDSTONE
LAND CONSULTANTS, PLLC

206 Elm Street, Milford, NH 03055
Phone: (603) 672-5456 Fax: (603) 413-5456
www.FieldstoneLandConsultants.com

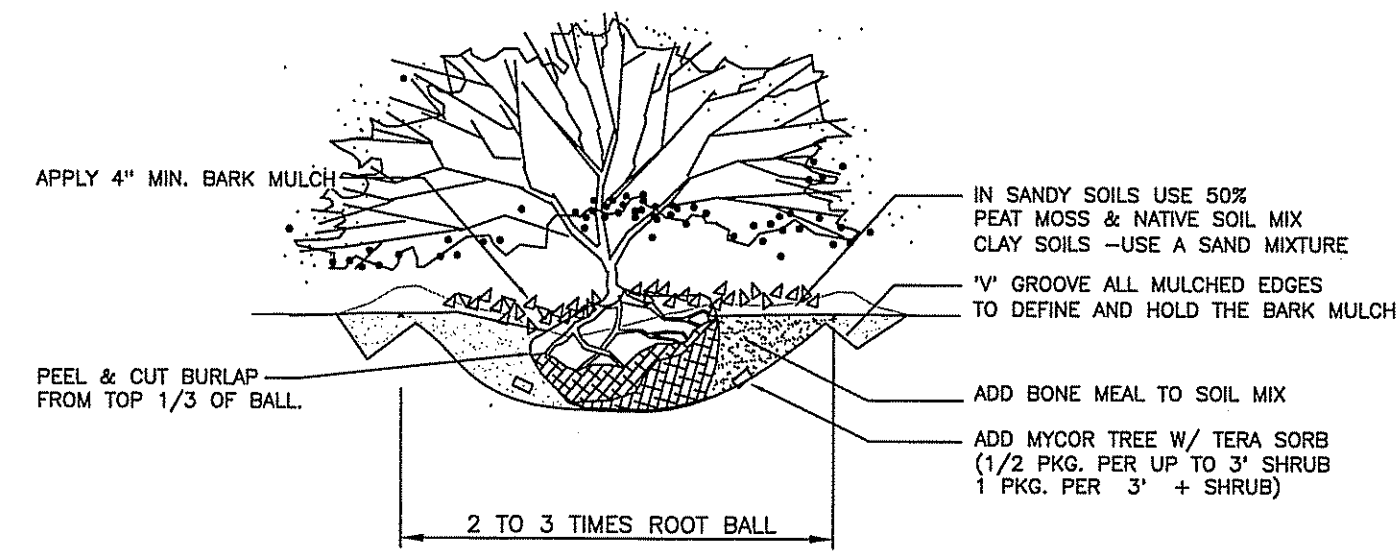
CONTACT DIG SAFE
72 HOURS PRIOR
TO CONSTRUCTION
DIGSAFE.COM
OR DIAL 8 1 1
IT'S SMART, IT'S FREE, IT'S THE LAW



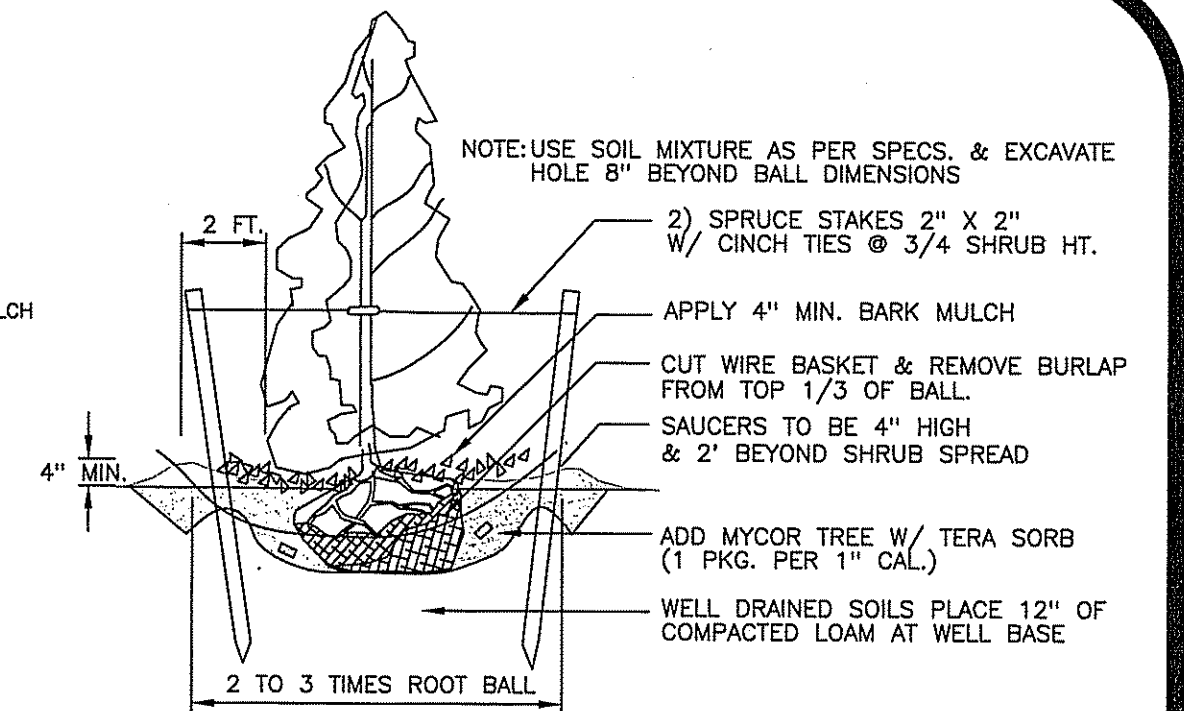
LANDSCAPING LEGEND:

-  ACE ACER RUBRUM "OCTOBER GLORY" MAPLE OR EQUAL 2-1/2" CAL / 6 FEET WHEN PLANTED
-  GGA GREEN GIANT ARBORVITAE / 6' HT.
-  BF BALSAM FIR
-  AREA TO BE LANDSCAPED WITH A BLEND OF NATIVE SPECIES CONSISTING OF THE FOLLOWING:
 - PJM RHODODENDRON (OR EQUAL)
 - TAXUS (DENSE YEW - 'DENSIFORMIS') OR EQUAL
 - JUNIPERUS CHINENSIS, 3 GAL. (GREY OWL JUNIPER)
 - VIBURNUM P.T.; 18"-24" B&B (SUMMER SNOWFLAKE VIBURNUM) OR EQUAL
 - SYRINGA PATULUA; 18"-24" B&B (MISS KIM LILAC) OR EQUAL
 - PERENNIALS: DAYLILY'S, YARROW, CONEFLOWER, SAGE, COREOPSIS AND SEDUM. (AS AVAILABLE)

NOTES:
- LANDSCAPE DESIGN BY GARDEN GATE LANDSCAPES, LLC.
- MATERIALS TO BE PROVIDED BY STONE FALLS GARDEN.



B & B SHRUB PLANTING DETAIL
SCALE: N.T.S.

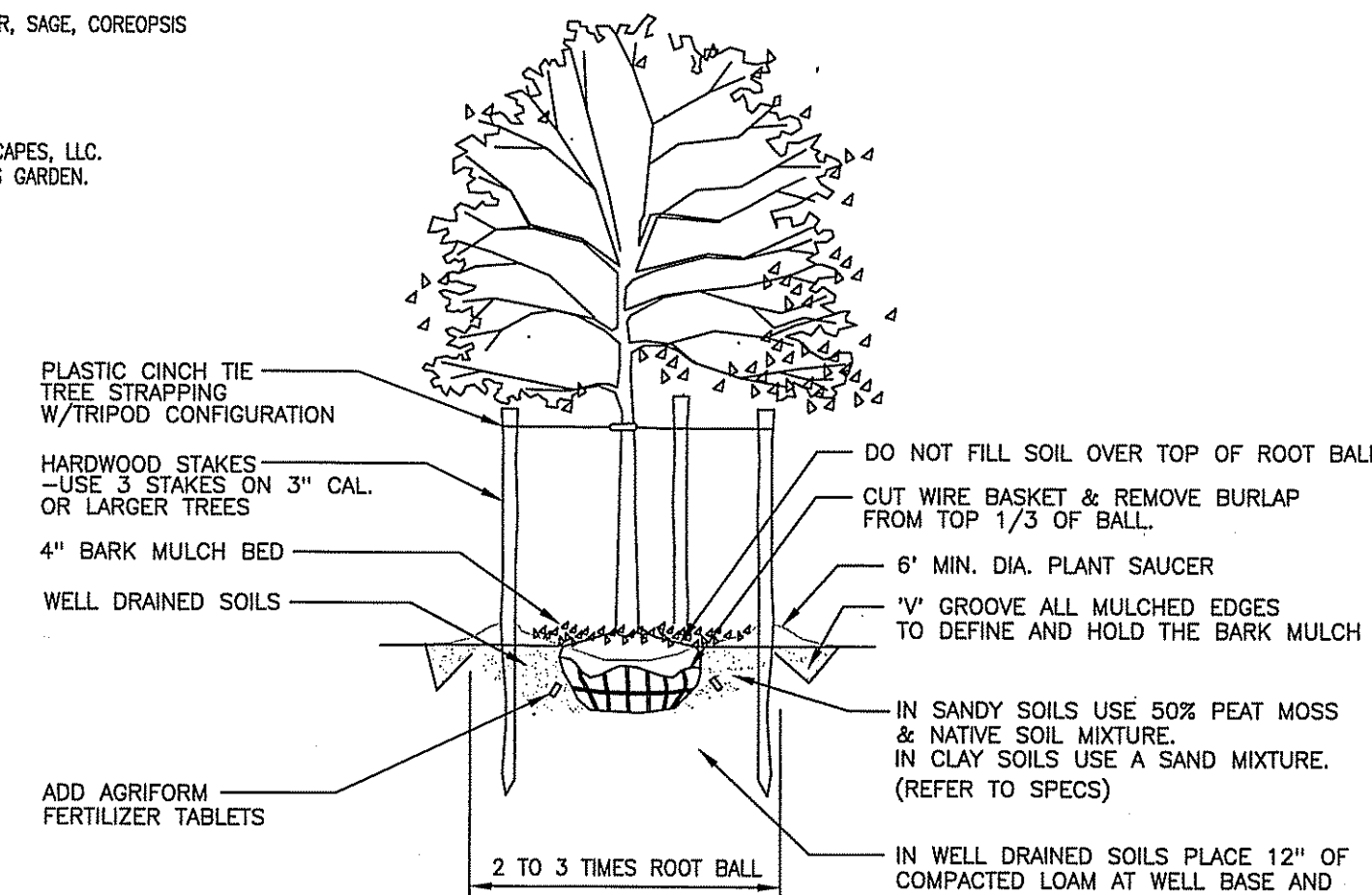


NOTE: ALL PYRAMIDAL EVERGREENS & DECIDUOUS TREES SHALL BE PLANTED W/ MYCOR TREE TRANSPLANT.

EVERGREEN TREE PLANTING DETAIL
SCALE: N.T.S.

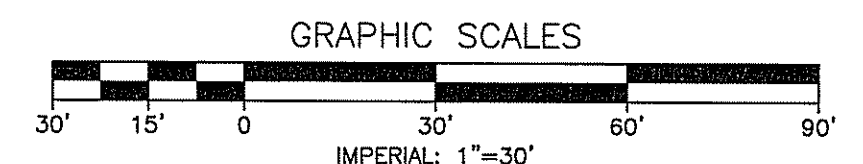
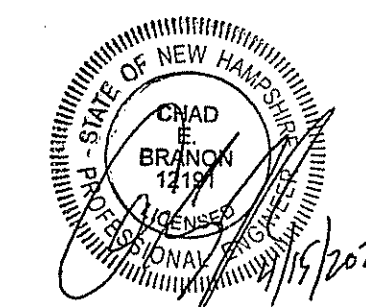
LANDSCAPING NOTES:

1. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIG-SAFE AND FOR VERIFICATION OF ALL UTILITIES AND SHALL NOTIFY THE OWNERS REPRESENTATIVE OF ANY CONFLICTS PRIOR TO COMMENCING.
2. EXISTING TREES TO REMAIN SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION.
3. UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED WITHIN THE IMMEDIATE AREA NO PLANT MATERIAL SHALL BE INSTALLED.
4. UNLESS OTHERWISE NOTED OR APPROVED, ALL TREES MUST BE BALLED AND BURLAPPED.
5. ALL PLANT MATERIALS INSTALLED SHALL MEET OR EXCEED THE SPECIFICATIONS OF "THE AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
6. ANY PROPOSED PLANT MATERIAL SUBSTITUTIONS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.
7. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE INSTALLER FOR ONE YEAR FOLLOWING DATE OF ACCEPTANCE.
8. IN AREAS OF STONE MULCH LAY 6 ML SHEETS OF "VISQUEEN" TYPE POLYETHYLENE ON COMPACTED SUBGRADE BEFORE PLACING STONE, MINIMUM 6" OVERLAP. PERFORATE SHEETING IN PLANTING BEDS BEFORE PLACING STONE.
9. UNLESS OTHERWISE NOTED LOAM AND SEED ALL DISTURBED AREAS WITH A MINIMUM 6" OF SUITABLE LOAM. SLOPES GREATER THAN 3:1 SHALL BE PROTECTED WITH AN EROSION CONTROL BLANKET. SEE SITE PLAN.
10. WHERE APPLICABLE, THE CONTRACTOR SHALL HAVE ALL FALL TRANSPLANTING HAZARD PLANTS DUG IN THE SPRING AND STORED FOR FALL PLANTING.
11. PLANTS SHALL BE INSTALLED WITHIN ONE YEAR OF COMMENCEMENT OF CONSTRUCTION
12. ALL LANDSCAPING SHALL BE LOCATED AND MAINTAINED SO AS NOT TO IMPACT THE LINES OF SIGHT AT ENTRANCE.
13. ALL LANDSCAPED AREAS WILL BE MAINTAINED TO HAVE A SUFFICIENT AMOUNT OF WATER TO MAINTAIN VIABILITY EITHER BY IRRIGATION OR BY OTHER MEANS.

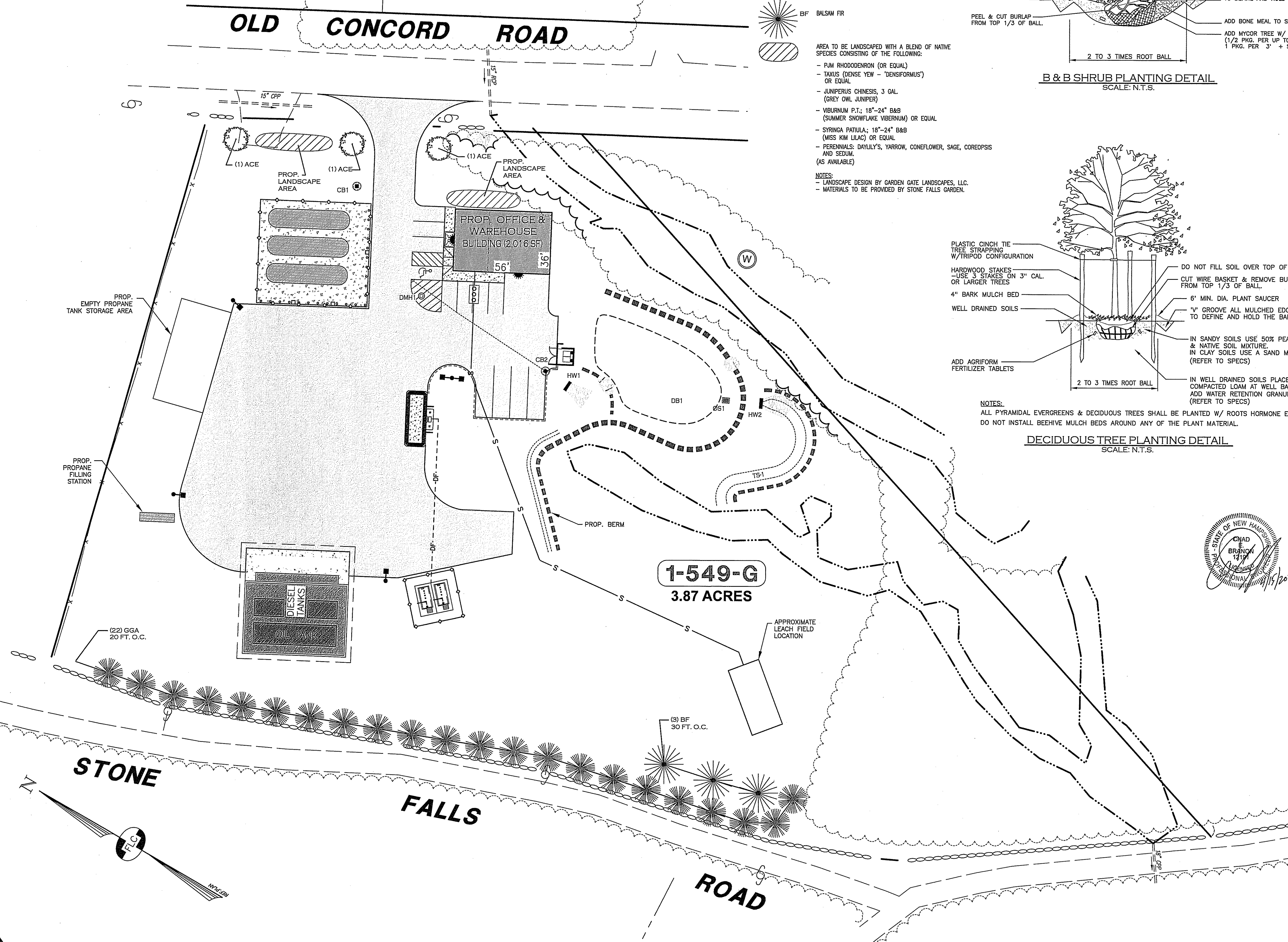


NOTES:
ALL PYRAMIDAL EVERGREENS & DECIDUOUS TREES SHALL BE PLANTED W/ ROOTS HORMONE ENHANCER. DO NOT INSTALL BEEHIVE MULCH BEDS AROUND ANY OF THE PLANT MATERIAL.

DECIDUOUS TREE PLANTING DETAIL
SCALE: N.T.S.



1-549-G
3.87 ACRES



| REV. | DATE | DESCRIPTION | C/O | DR | CK |
|------|----------|-------------------|-----|-----|-----|
| A | 04/15/20 | PER TOWN PLANNING | | DSL | CEB |

LANDSCAPING PLAN
TAX MAP 1 LOT 549-G
(OLD CONCORD ROAD)
HENNIKER, NEW HAMPSHIRE

PREPARED FOR:
MAC MILFORD REALTY, LLC
5 CIARDELLI CROSSING, MILFORD, NH 03055

LAND OF:
J AND M MORSE TRUCKING, LLC
513 P.O. BOX, HENNIKER, NH 03242

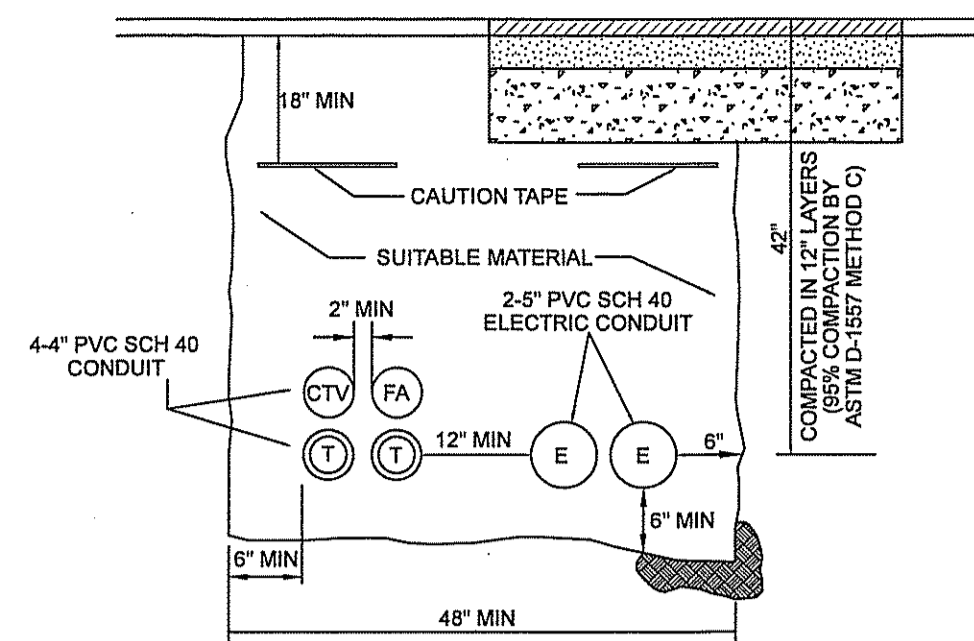
SCALE: 1" = 30' MARCH 16, 2020

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs



FIELDSTONE
LAND CONSULTANTS, PLLC

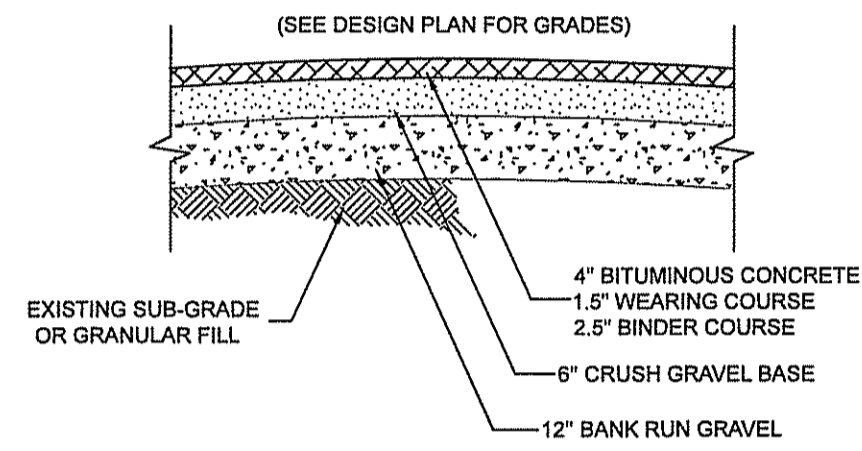
206 Elm Street, Milford, NH 03055
Phone: (603) 672-5456 Fax: (603) 413-5456
www.FieldstoneLandConsultants.com



NOTE:
ALL CONDUIT AND TRENCH WORK SHALL CONFORM TO THEIR RESPECTIVE UTILITY COMPANY REQUIREMENTS

SCALE: N.T.S.
1
DT-1

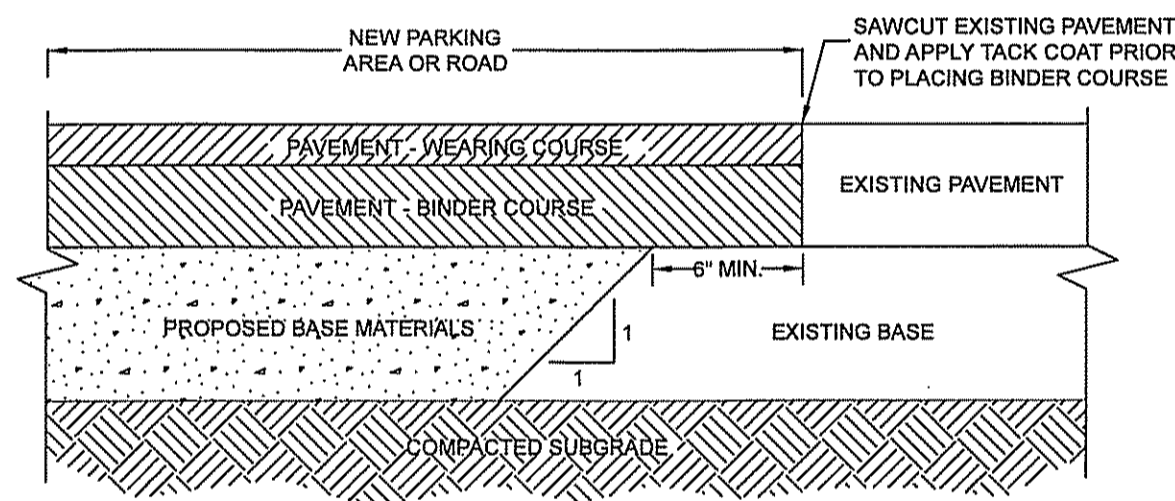
TYPICAL UTILITY TRENCH



NOTE: PAVEMENT SECTION MATERIALS SHALL CONFORM TO CURRENT N.H.D.O.T. SPECIFICATIONS FOR BITUMINOUS CONCRETE PAVEMENT AND SUBGRADE.

2
DT-1

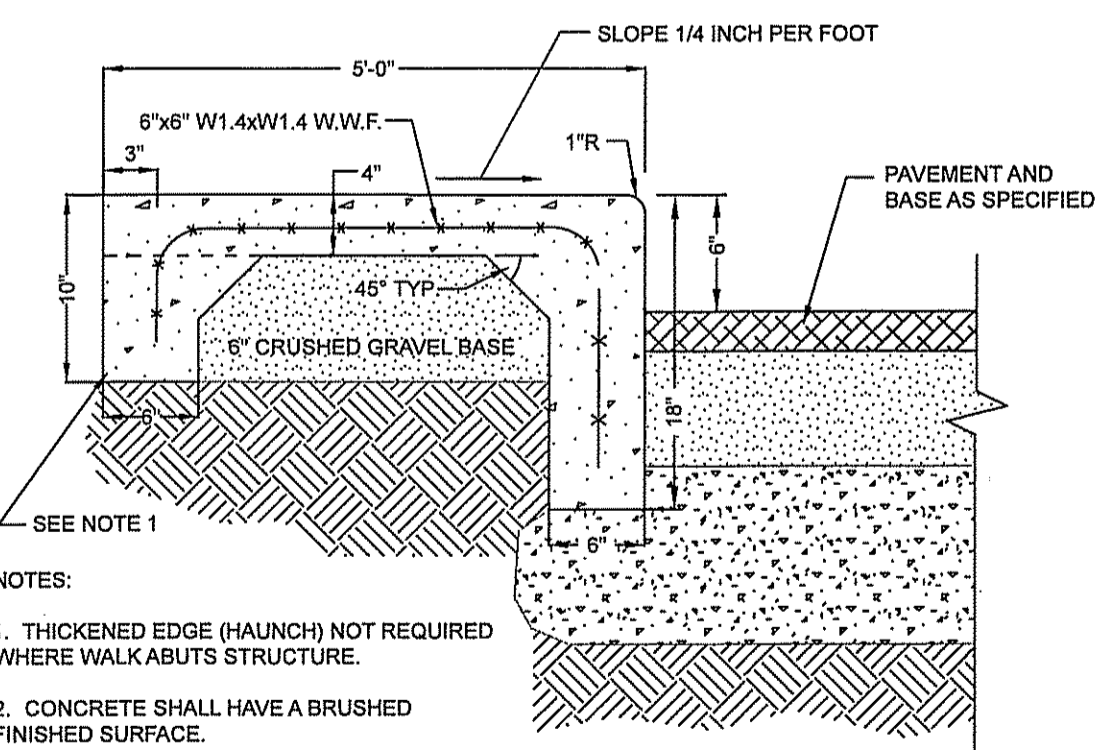
PAVED AREAS/INTERIOR AISLE SECTION



NOTE:
1. SEE ROADWAY OR PARKING LOT SECTION FOR MATERIALS AND ASSOCIATED DEPTHS.
2. INFRARED JOINT AFTER PLACING PAVEMENT.

SCALE: N.T.S.
3
DT-1

PAVEMENT MATCH



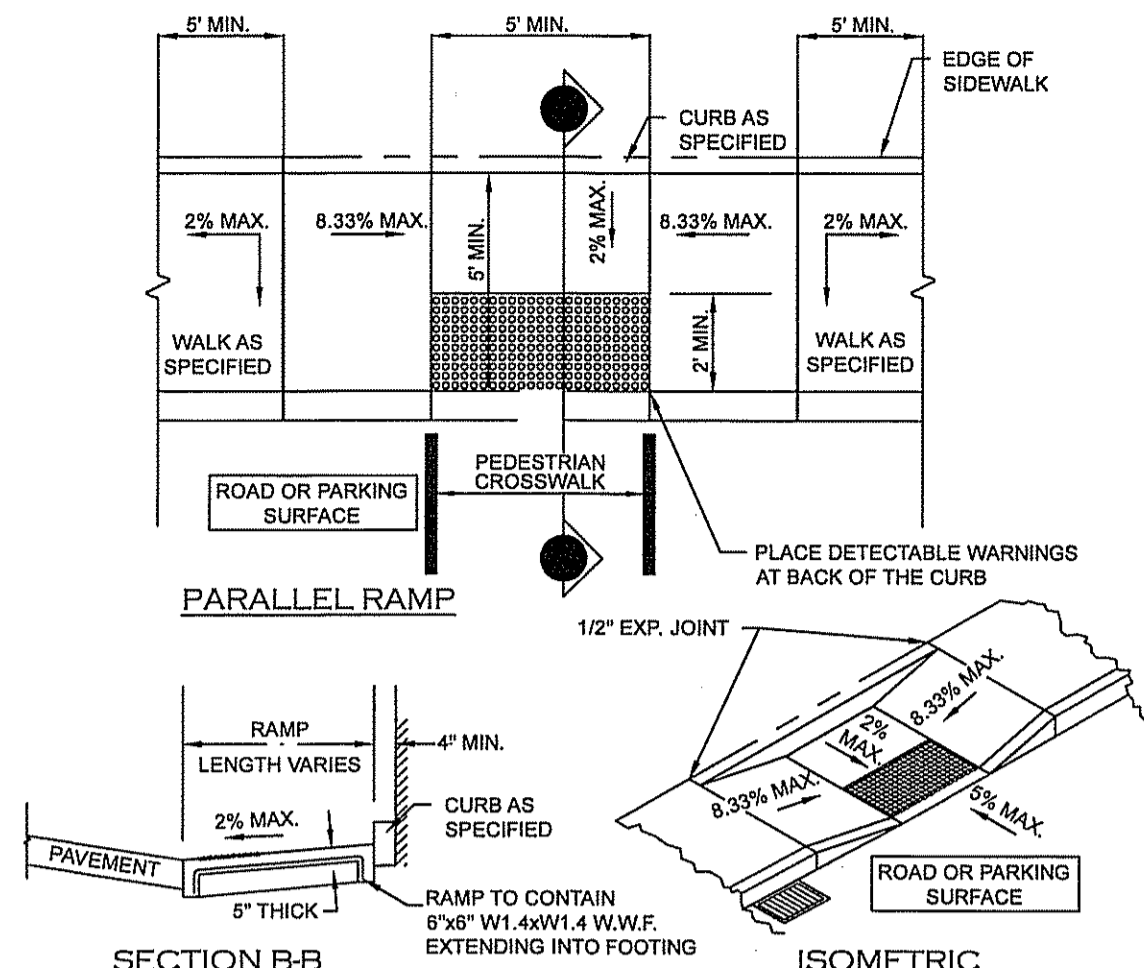
NOTES:

- THICKENED EDGE (HAUNCH) NOT REQUIRED WHERE WALK ABUTS STRUCTURE.
- CONCRETE SHALL HAVE A BRUSHED FINISHED SURFACE.
- PROVIDE A 1/2-INCH NON-EXTRUDING EXPANSION JOINT AGAINST STRUCTURES AND EVERY 20 FT ALONG WALK. SCORED JOINTS SHALL BE PROVIDED EVERY 5 FT.
- CONCRETE SHALL BE 4500 P.S.I. AND BE AIR ENTRAINED.

SCALE: N.T.S.
4
DT-1

SIDEWALK - CONCRETE (INTEGRAL CONCRETE CURB)

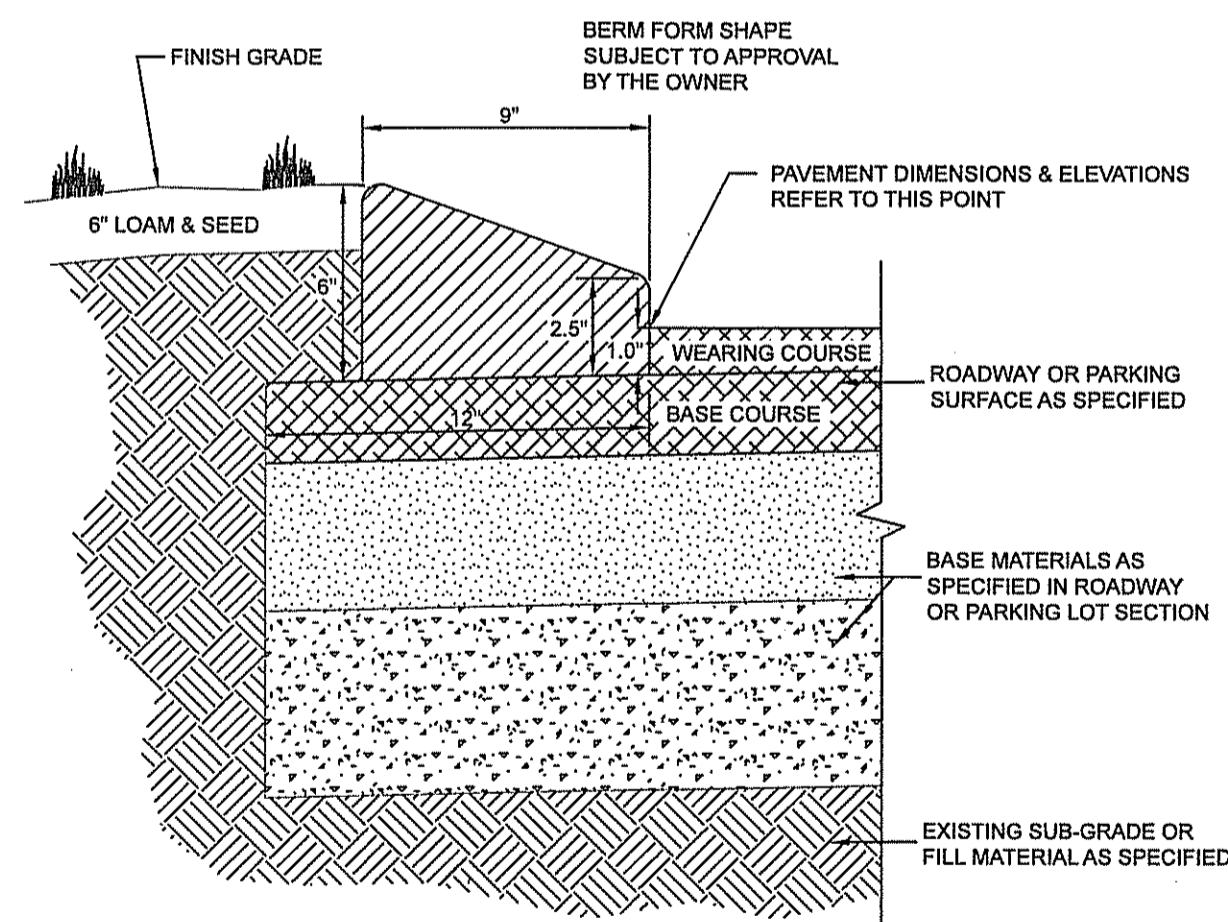
CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION
DIGSAFE.COM
OR DIAL 8 1 1
CALL 811 - KNOW WHAT'S BELOW



- HANDICAP RAMP NOTES:**
- A SIDEWALK CURB RAMP IS DEFINED AS THE ENTIRE CONCRETE SURFACE WHICH INCLUDES THE RAMP AND FLARED SIDES.
 - THE MAXIMUM RUNNING SLOPE OF ANY SIDEWALK CURB RAMP IS 8.33% (1:12). THE MAXIMUM CROSS SLOPE IS 2%. THE SLOPE OF THE LANDING SHALL NOT EXCEED 2% IN ANY DIRECTION. THE FLARED SIDE OF THE RAMP SHALL LIE ON A SLOPE OF 10% (1:10) MAXIMUM MEASURED ALONG THE CURB.
 - TRANSITIONS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. ROADWAY SHOULDER SLOPES ADJOINING SIDEWALK CURB RAMP SHALL BE A MAXIMUM OF 5% (FULL WIDTH) FOR A DISTANCE OF 2 FEET FROM THE ROADWAY CURBLINE.
 - INTERCEPT DRAINAGE ALONG THE CURB IN ADVANCE OF SIDEWALK CURB RAMP OR LANDINGS, CATCH BASINS, MANHOLES, ETC. SHALL NOT BE LOCATED IN, OR AT THE BASE OF, SIDEWALK CURB RAMP OR LANDINGS.
 - THE BOTTOM OF THE SIDEWALK CURB RAMP OR LANDING, EXCLUSIVE OF THE FLARED SIDES, SHALL BE WHOLLY CONTAINED WITHIN THE CROSSWALK MARKINGS. IT IS DESIRABLE THAT THE LOCATION OF THE RAMP BE AS CLOSE AS POSSIBLE TO THE CENTER OF THE CROSSWALK.
 - THE SIDEWALK CURB RAMP OR THE LANDING AREA (PARALLEL SIDEWALK CURB RAMP) SHALL CONTRAST VISUALLY WITH THE ADJOINING SIDEWALK SURFACE, EITHER ASPHALT/LIGHT-COLORED CONCRETE OR LIGHT-COLORED CONCRETE/DARK-STAINED CONCRETE. THE CONCRETE SURFACE SHALL BE SLIP RESISTANT (BROOM FINISHED).
 - DETECTABLE WARNING PANELS SHALL BE THE FULL WIDTH OF THE LANDING, BLENDED TRANSITION, OR CURB RAMP THEY ARE A PART OF AND SHALL BE A MINIMUM OF 2 FEET IN DEPTH. THE ROWS OF TRUNCATED DOMES SHALL BE ALIGNED PERPENDICULAR TO THE GRADE BREAK BETWEEN THE RAMP, BLENDED TRANSITION OR LANDING AND THE STREET.
 - A LEVEL LANDING 6'-0" DEEP WITH A 2% MAXIMUM SLOPE IN EACH DIRECTION SHALL BE PROVIDED AT THE UPPER END OF EACH CURB RAMP TO ALLOW SAFE EGRESS FROM THE RAMP SURFACES. THE WIDTH OF THE LEVEL LANDING SHALL BE AT LEAST AS WIDE AS THE WIDTH OF THE RAMP. A LEVEL LANDING 4' DEEP SHALL BE PROVIDED AT ALL PEDESTRIAN PUSH BUTTONS AT SIGNALIZED CROSSINGS.
 - RAMP OPENING SHALL BE THE SAME WIDTH AS THE SIDEWALK, UP TO 6'-0" WIDE.
 - FOR NEW CONSTRUCTION - ALL DETECTABLE WARNINGS ARE TO BE CAST IRON AND SET IN CONCRETE.

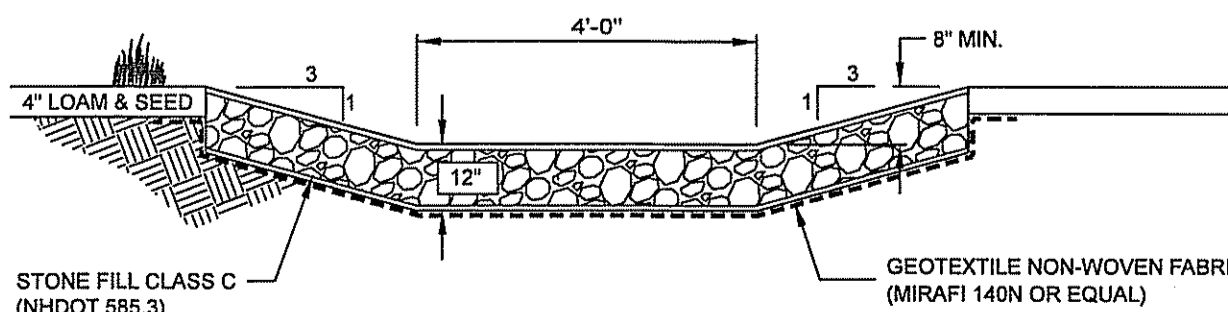
5
DT-1

HANDICAP SIDEWALK RAMP - HCR2



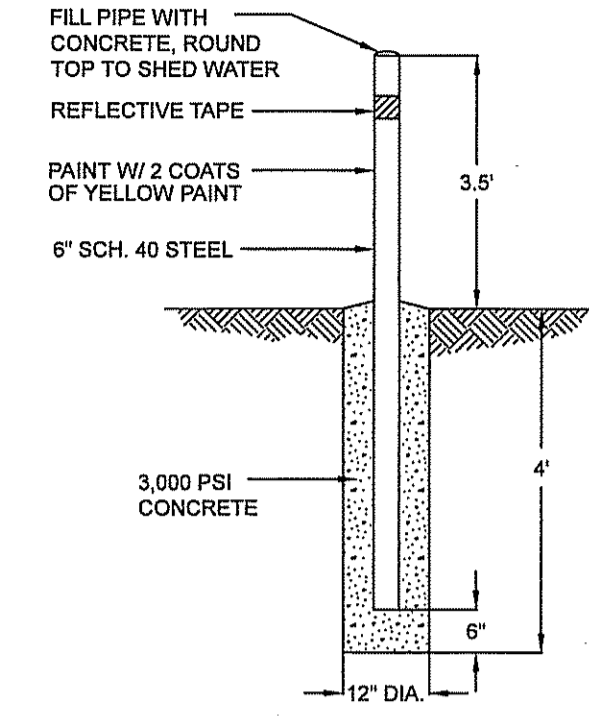
SCALE: N.T.S.
6
DT-1

CURB - ASPHALT (CAPE COD BERM)



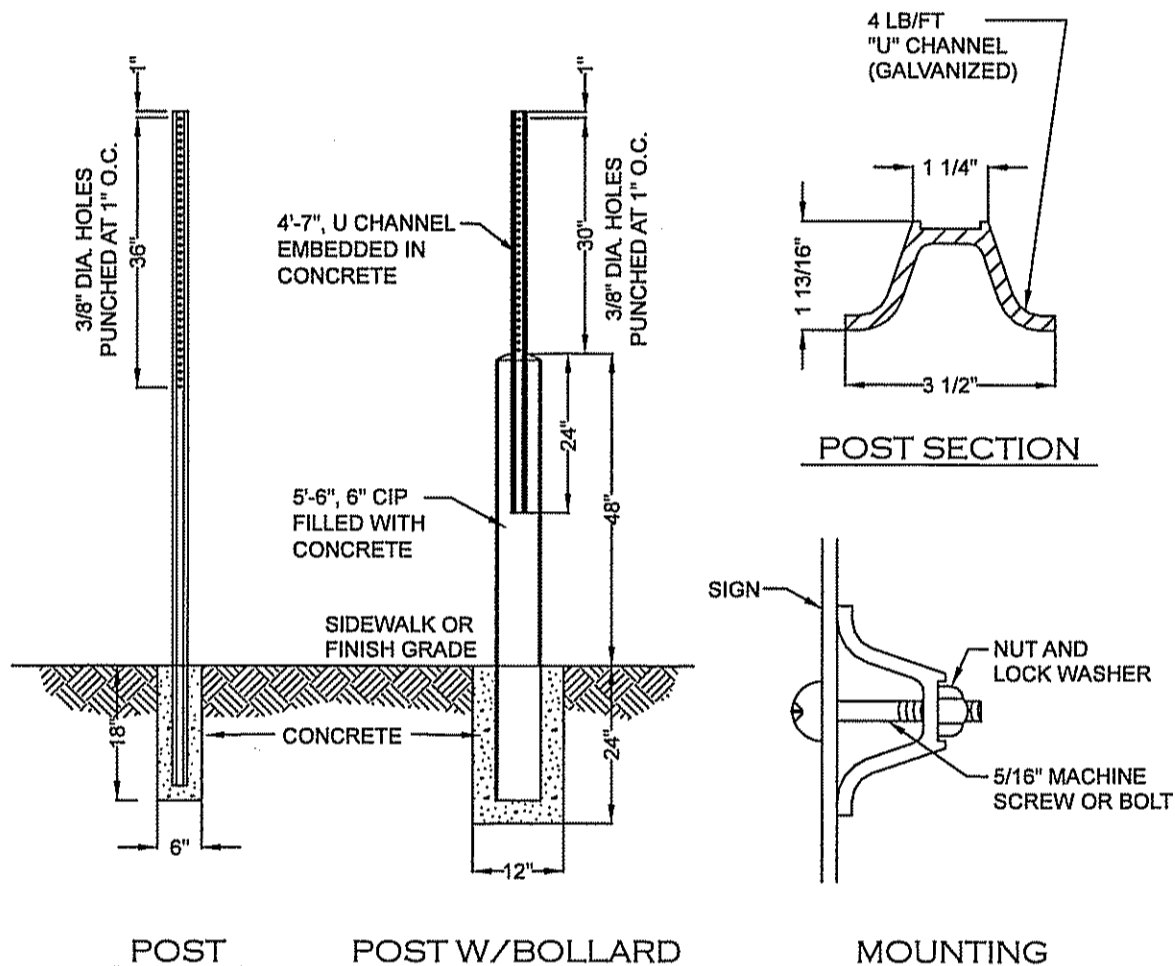
7
DT-1

RIP RAP SPILLWAY



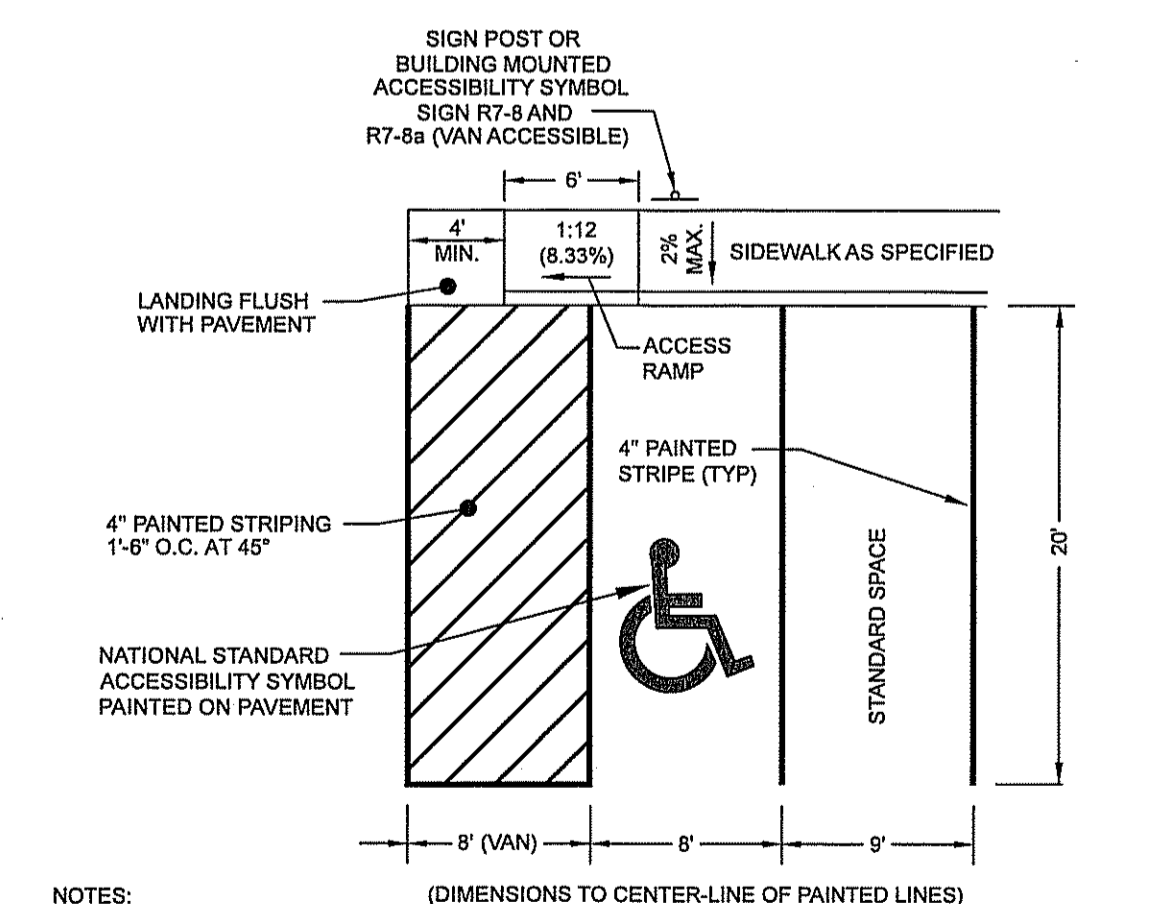
OR APPROVED EQUAL
SCALE: N.T.S.
8
DT-1

BOLLARD



9
DT-1

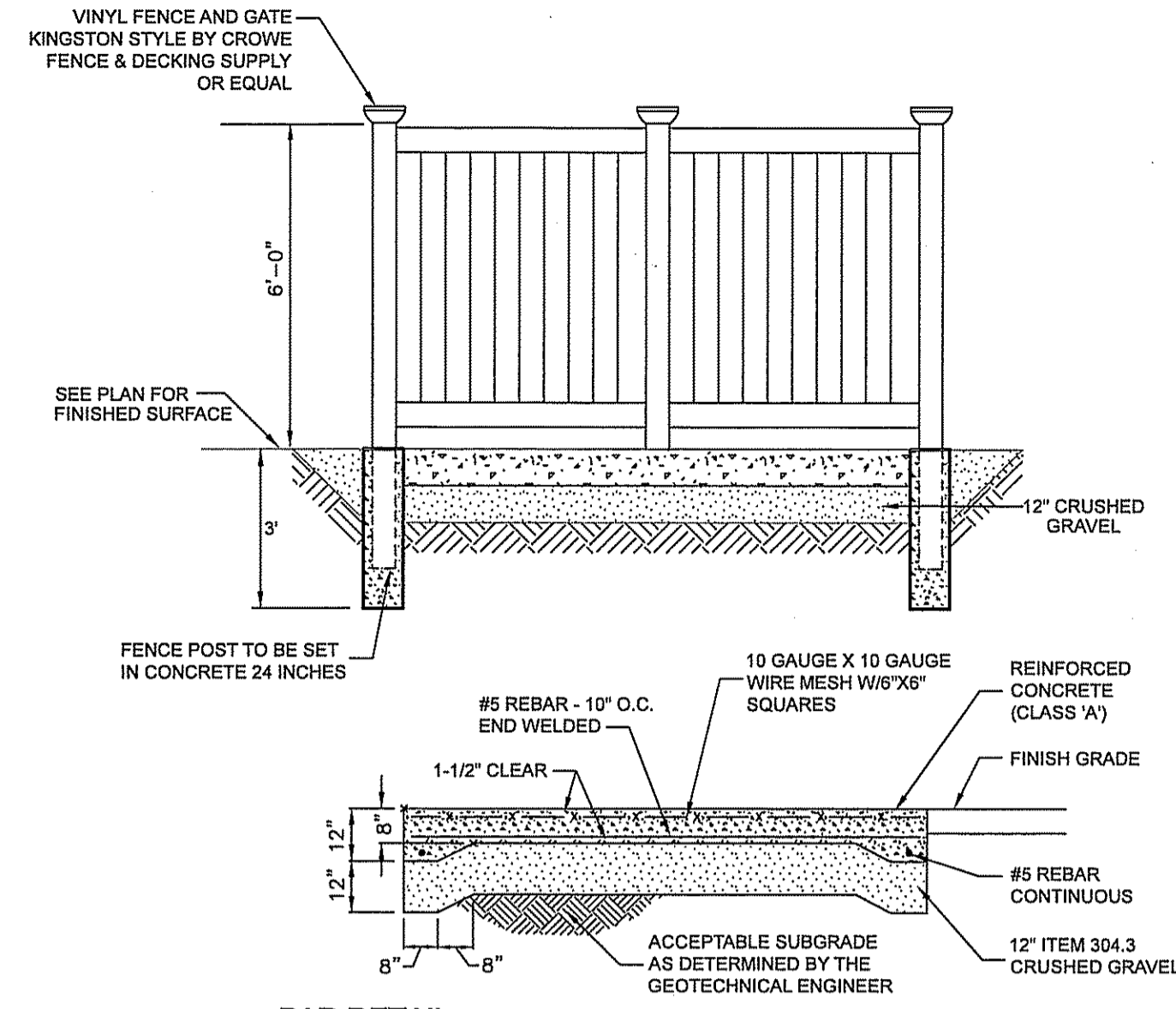
SIGN POST - STANDARD & W/BOLLARD



- NOTES:**
- MAXIMUM SLOPE IN ANY DIRECTION IS 2.0% FOR HANDICAP SPACES.
 - SEE SITE PLAN FOR LOCATION OF HANDICAP SPACES.
 - HANDICAP SYMBOL SHALL BE CENTERED ON WIDTH OF PARKING STALL AND LOCATED 66" FROM ACCESS DRIVE, INTO PARKING SPACE.
 - THE HANDICAP SYMBOL SHALL HAVE A 5' x 5' CONTRASTING BACKGROUND, NORMALLY BLUE. A BACKGROUND IS NOT REQUIRED IF WHITE OR YELLOW SYMBOL IS ON BLACK ASPHALT.

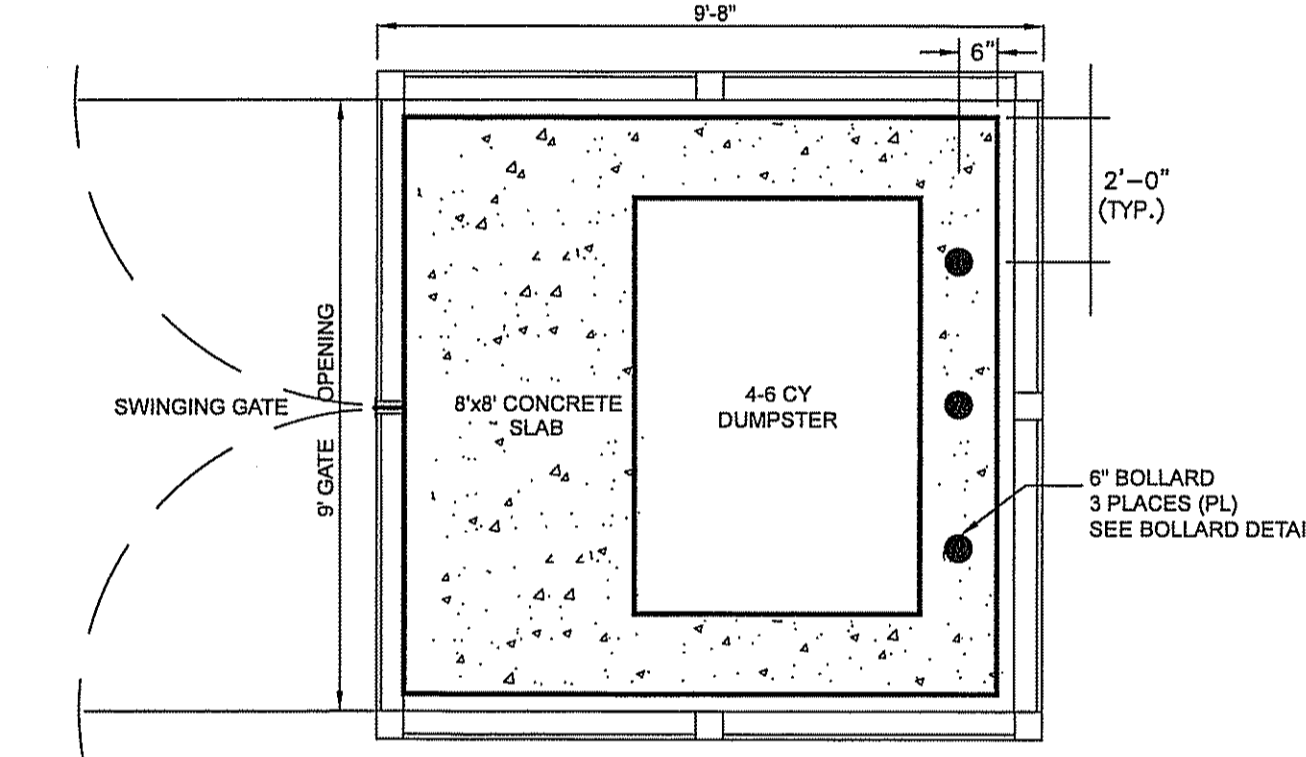
SCALE: N.T.S.
10
DT-1

PARKING STALL LAYOUT



SCALE: N.T.S.
11
DT-1

PAD DETAIL



NOTE:
PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE SCREEN FENCE TO THE ENGINEER FOR APPROVAL.

SCALE: N.T.S.
11
DT-1

DUMPSTER ENCLOSURE

| REV. | DATE | DESCRIPTION | C/O | DR | CK |
|------|------|-------------|-----|----|----|
| | | | | | |

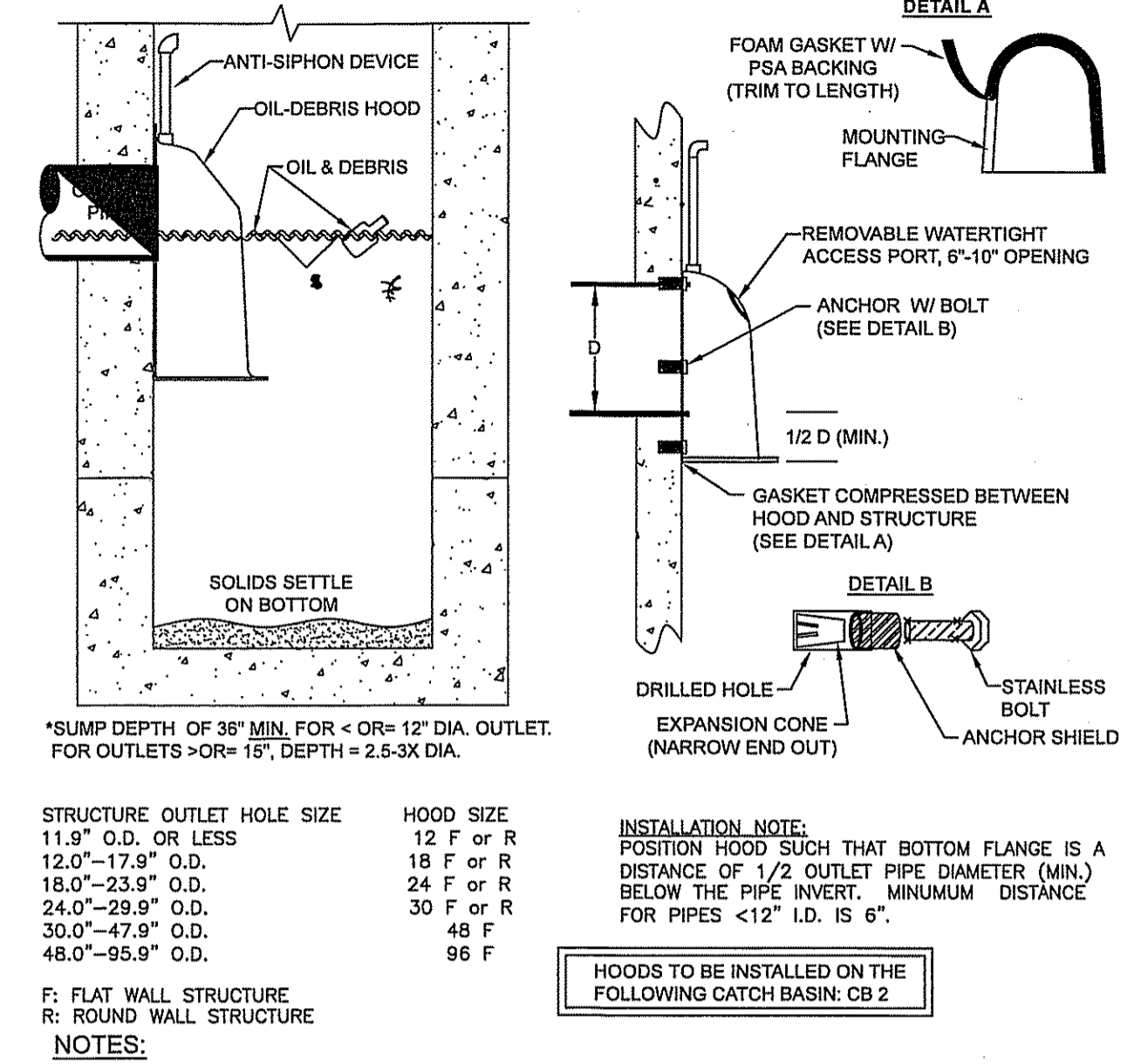
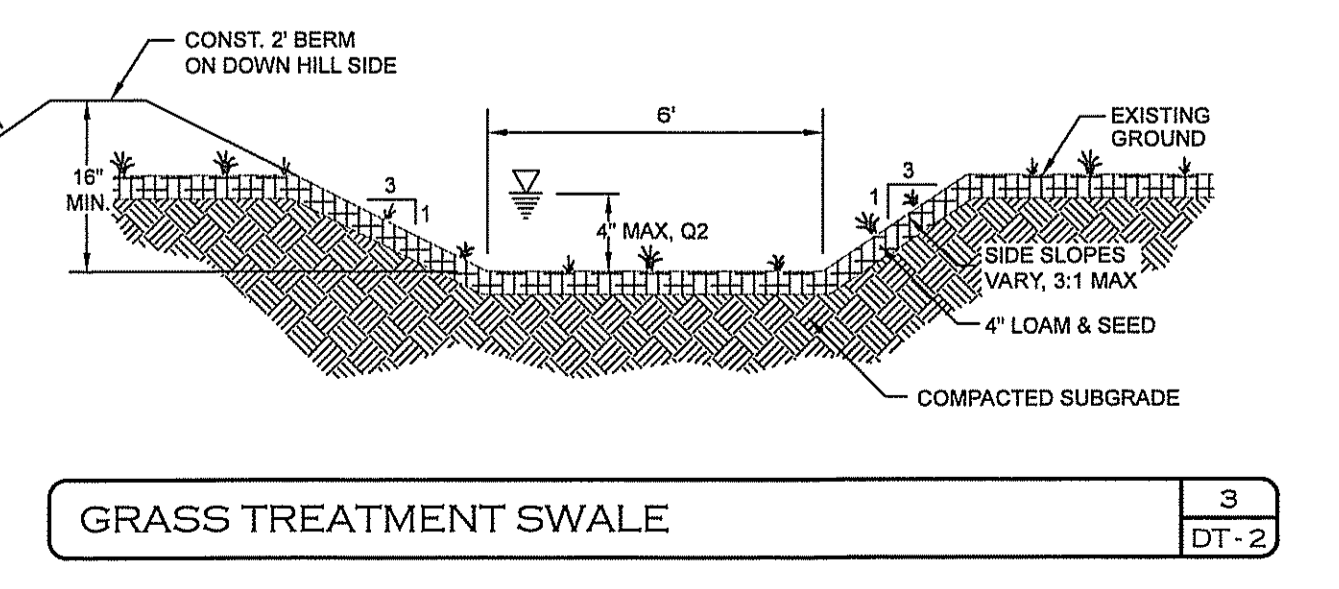
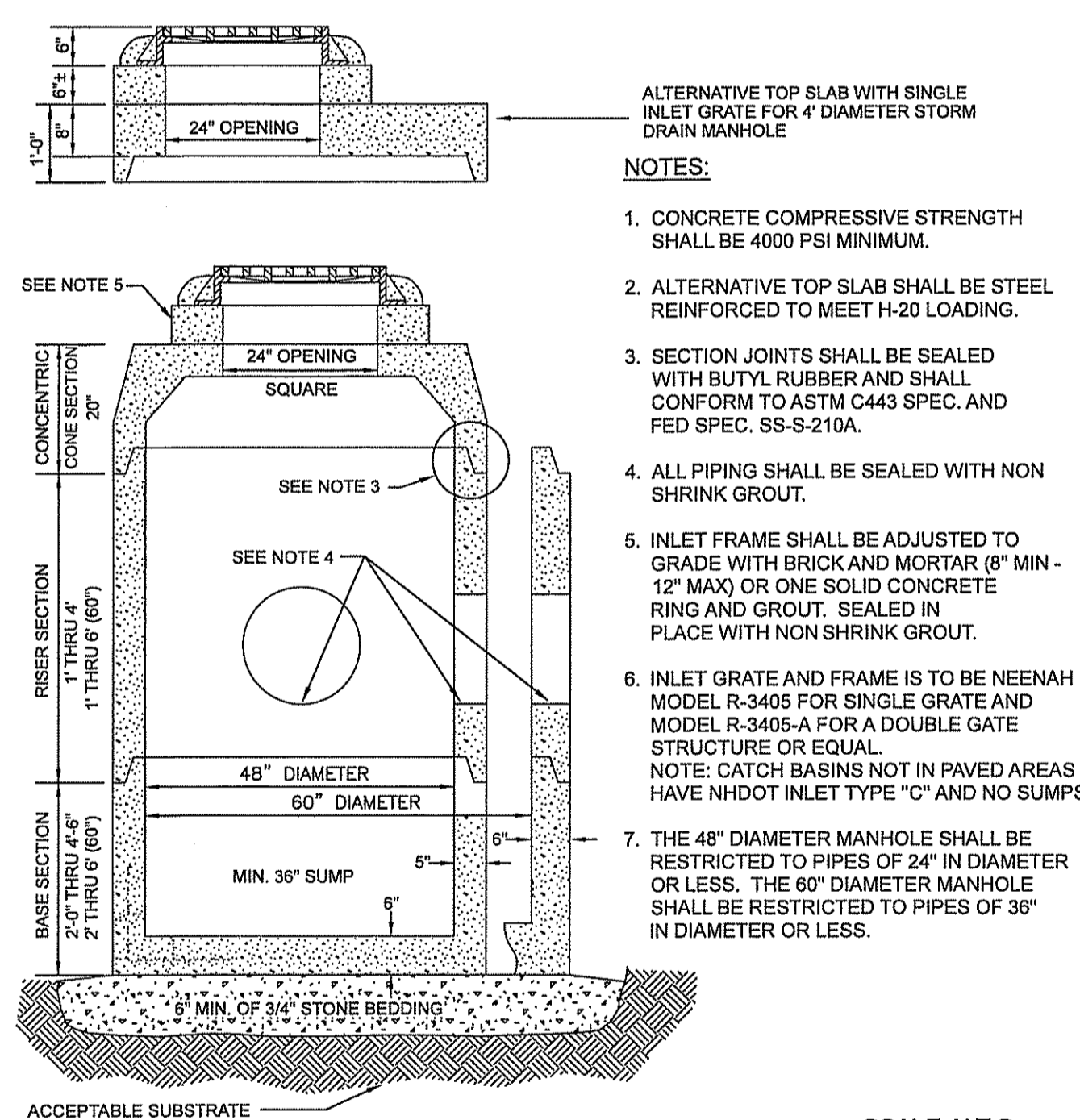
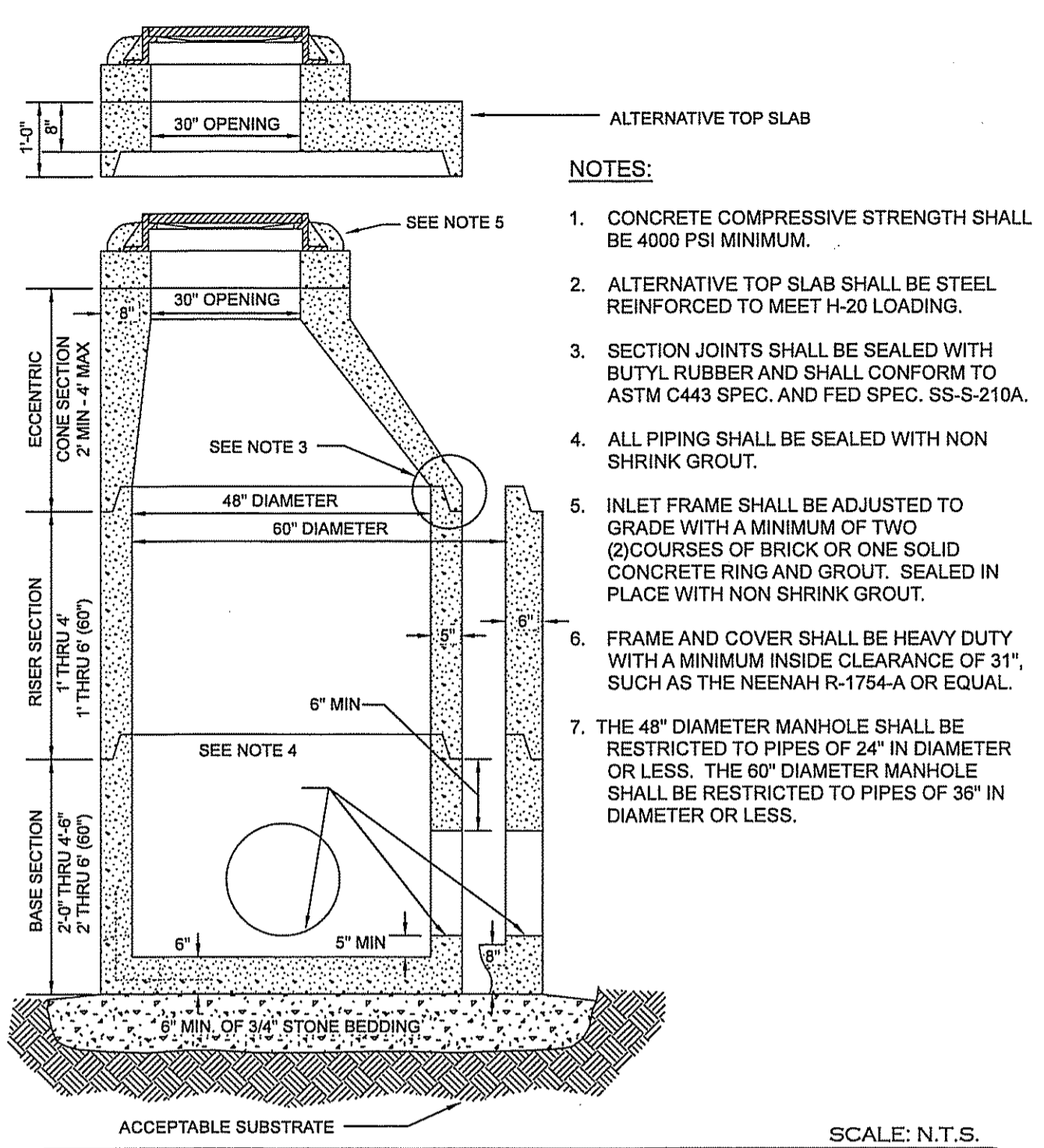
CONSTRUCTION DETAILS
TAX MAP 1 LOT 549-G
(OLD CONCORD ROAD)
HENNIKER, NEW HAMPSHIRE
PREPARED FOR:
MAC MILFORD REALTY, LLC
5 CIARDELLI CROSSING, MILFORD, NH 03055

SCALE: N.T.S. MARCH 16, 2020

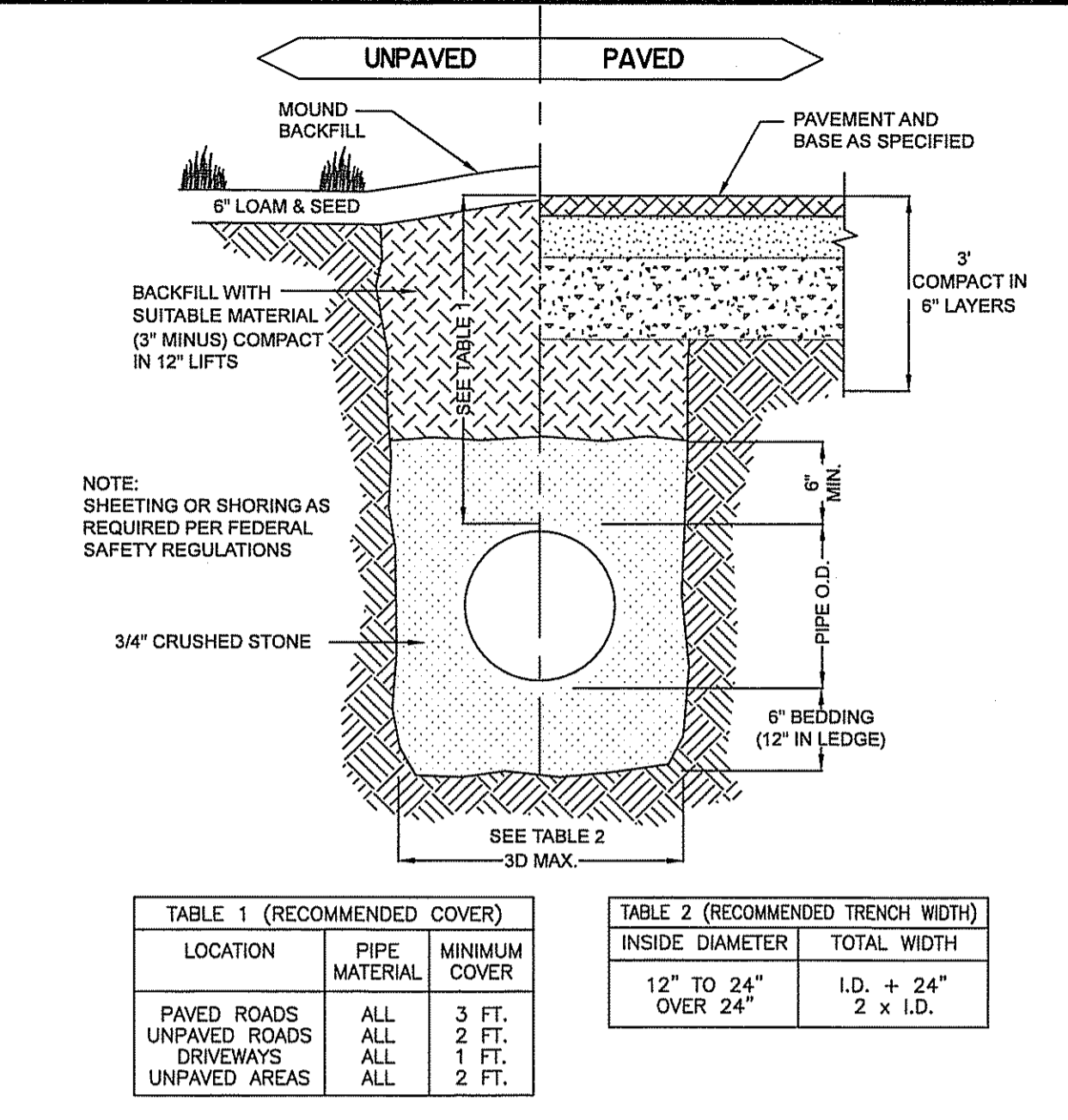
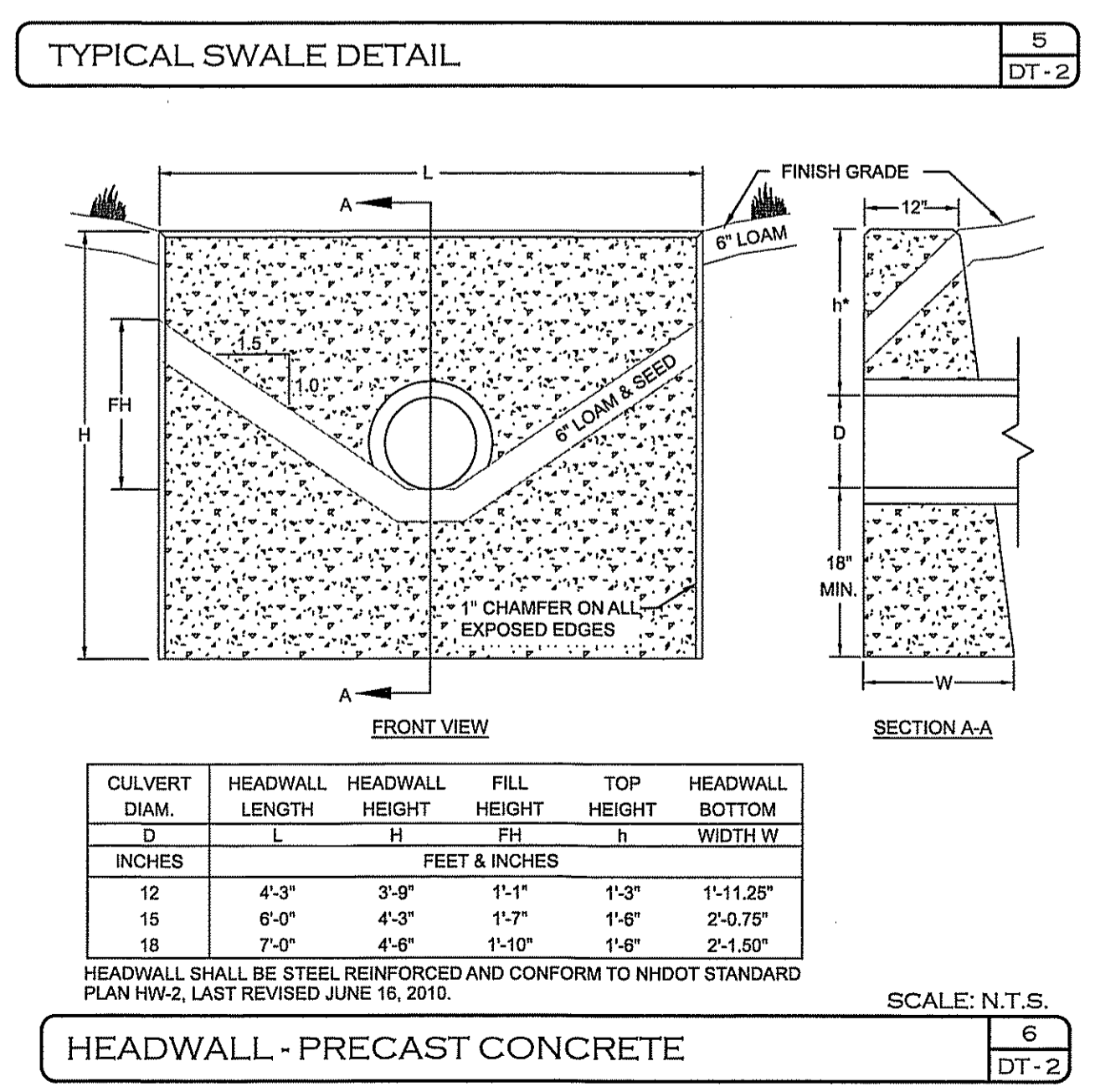
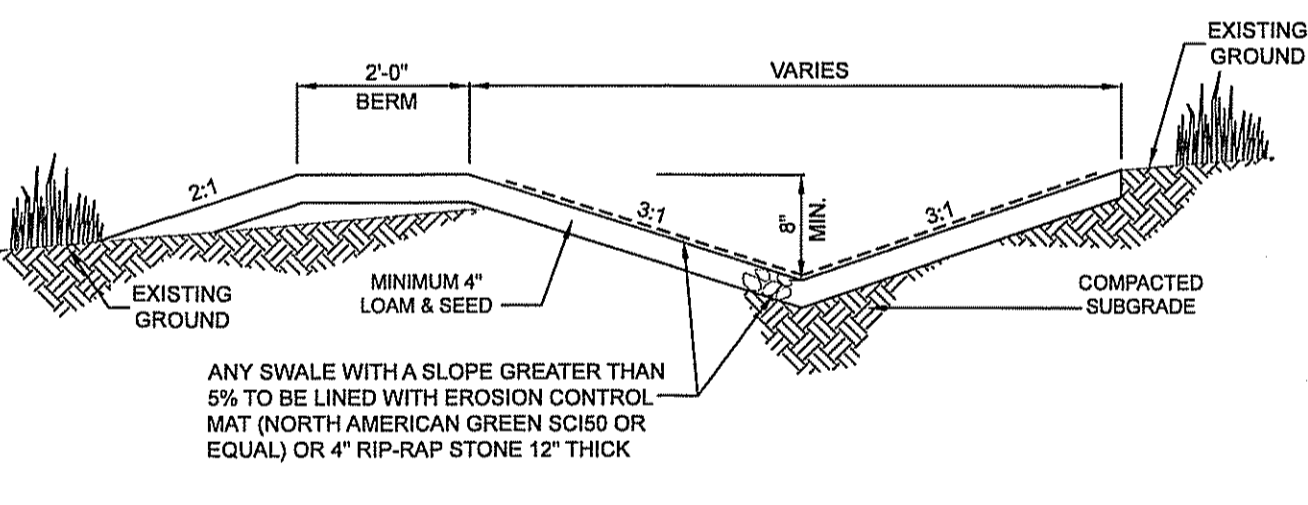
Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

206 Elm Street, Milford, NH 03055
Phone: (603) 672-5456 Fax: (603) 413-5456
www.FieldstoneLandConsultants.com

FILE: 2392DT00.dwg PROJ. NO. 2392.00 SHEET: DT-1 PAGE NO. 7 OF 9

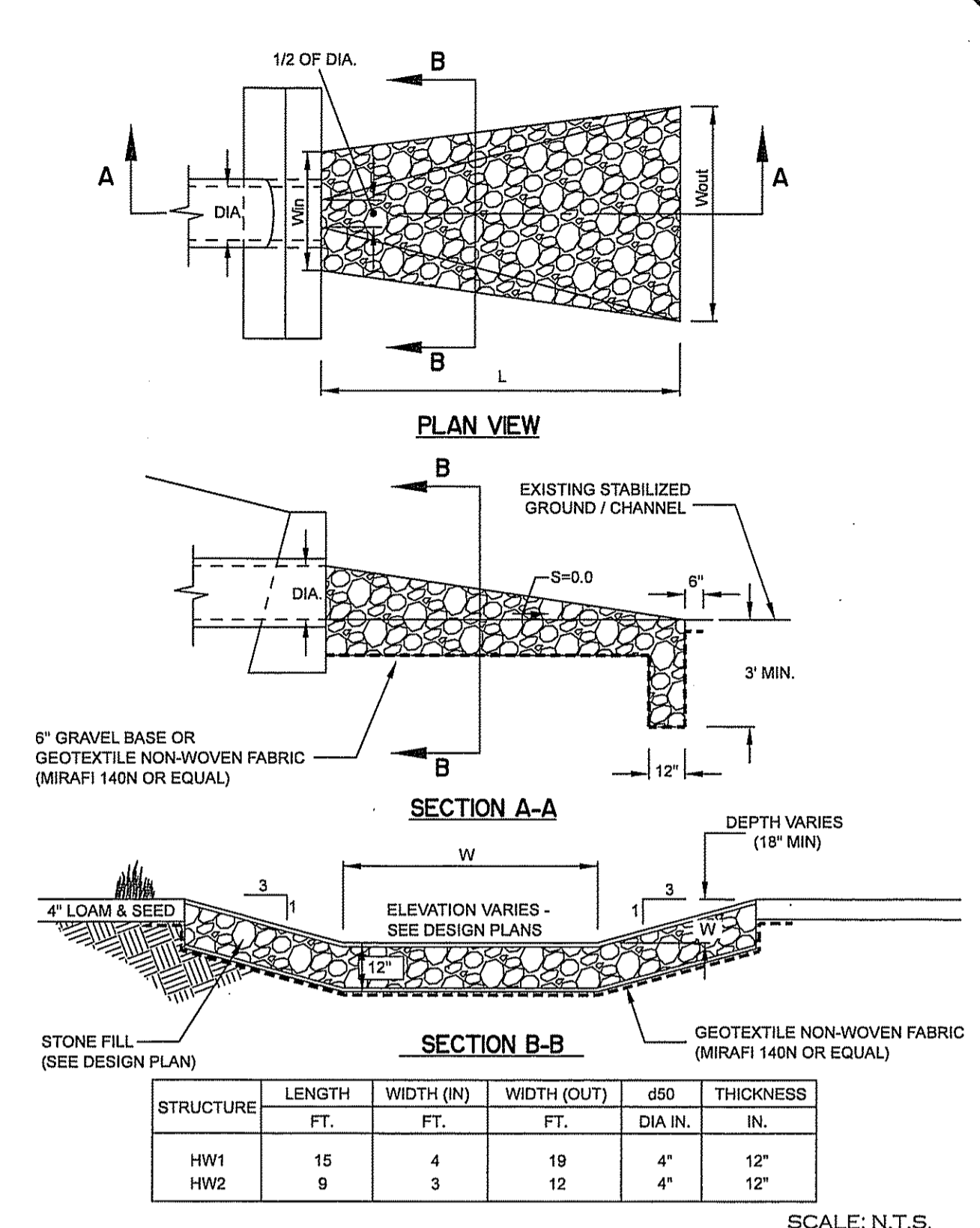
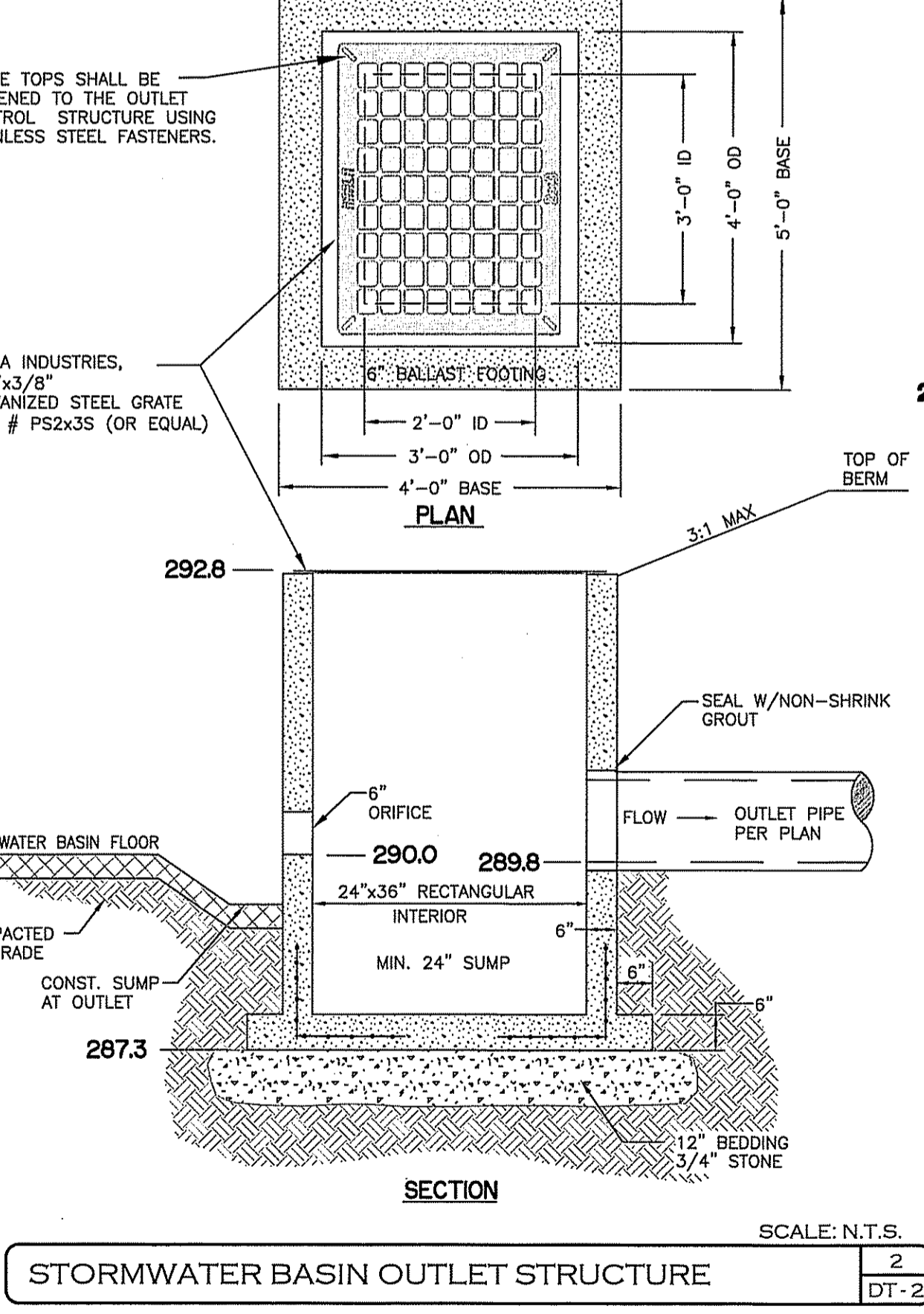


- ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT AS DRAWN. (SEE CONFIGURATION DETAIL)
- THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION.
- THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
- THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 12" ACCORDING TO STRUCTURE CONFIGURATION.
- THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL AND THE PIPE SHALL BE TRIMMED FLUSH TO WALL.
- THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
- ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY BEST MANAGEMENT PRODUCTS, INC., LYME, CT OR EQUAL.



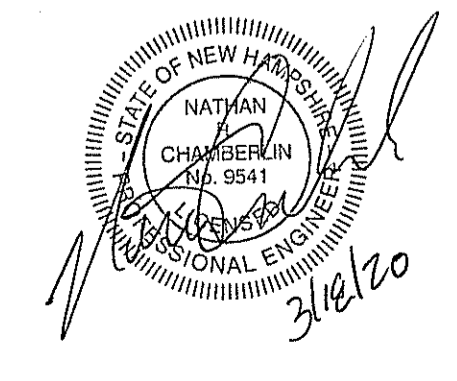
| LOCATION | PIPE MATERIAL | MINIMUM COVER |
|---------------|---------------|---------------|
| PAVED ROADS | ALL | 3 FT. |
| UNPAVED ROADS | ALL | 2 FT. |
| DRIVEWAYS | ALL | 1 FT. |
| UNPAVED AREAS | ALL | 2 FT. |

| INSIDE DIAMETER | TOTAL WIDTH |
|-----------------|-------------|
| 12" TO 24" | I.D. + 24" |
| OVER 24" | 2 x I.D. |



CONSTRUCTION DETAILS
TAX MAP 1 LOT 549-G
(OLD CONCORD ROAD)
HENNIKER, NEW HAMPSHIRE
PREPARED FOR:
MAC MILFORD REALTY, LLC
5 CIARDELLI CROSSING, MILFORD, NH 03055
SCALE: N.T.S. MARCH 16, 2020
Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs
FIELDSTONE LAND CONSULTANTS, PLLC
206 Elm Street, Milford, NH 03055
Phone: (603) 672-5456 Fax: (603) 413-5456
www.FieldstoneLandConsultants.com
FILE: 2392DT00.dwg PROJ. NO. 2392.00 SHEET: DT-2 PAGE NO. 8 OF 9

CONTACT DIG SAFE
72 HOURS PRIOR
TO CONSTRUCTION
DIGSAFE.COM
OR DIAL 8 1 1
CALL 811 - KNOW WHAT'S BELOW
DigSafe
MAINE 811



- INSTALL STONE CHECK DAMS AND SILTATION CONTROL FENCES IN LOCATIONS SHOWN ON PLANS. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATION.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE(S).
- CUT AND CLEAR TREES; DISPOSE OF DEBRIS. STUMPS ARE TO BE BURIED ON SITE AT THE LOCATIONS SHOWN. STUMPS SHALL BE COMPACTED AND ALL VOIDS FILLED WITH SUITABLE MATERIAL. COVER WITH 4" OF LOAM AND SEED PER THE EROSION CONTROL NOTES.
- REMOVE TOPSOIL AND STOCKPILE AWAY FROM ANY WETLAND. STABILIZE STOCKPILE IMMEDIATELY BY SEEDING. PLACE SILT FENCE AROUND THE DOWN SLOPE SIDE OF EARTH STOCKPILES.
- ROUGH GRADE SITE - CONSTRUCT DRAINAGE BASINS AND DRAINAGE SWALES DURING INITIAL PORTION OF CONSTRUCTION. STABILIZE IMMEDIATELY PER THE CONSTRUCTION AND EROSION CONTROL DETAILS. DO NOT DIRECT STORM WATER RUNOFF TO THESE STRUCTURES UNTIL A HEALTHY VEGETATIVE COVER IS ESTABLISHED.
- CONSTRUCT STORAGE BUILDINGS, PAVED AREAS AND ASSOCIATED SITE IMPROVEMENTS AS SHOWN. ALL CUT AND FILL SLOPES SHALL BE STABILIZED UPON COMPLETION OF ROUGH GRADING PER THE EROSION CONTROL NOTES.
- PLACE STONE CHECK DAMS AROUND INLETS AROUND ALL STRUCTURES UNTIL AREAS ARE STABLE AND ALL NON-PAVED DISTURBED AREAS HAVE A HEALTHY VEGETATIVE COVER. SILT SACKS MAY BE UTILIZED IN PLACE OF STONE CHECK DAMS ON CATCH BASINS.
- INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS AND AFTER EVERY 0.25" OR GREATER RAINFALL.
- DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, CULVERTS, DITCHES, SILTATION FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
- FINISH GRADING AND PREPARE FOR LOAMING. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS AFTER FINAL GRADING.
- FINISH CONSTRUCTING STORAGE BUILDINGS AND PAVED AREAS. PERMANENT SEEDING SHALL BE PERFORMED UPON COMPLETION OF DRIVE AND PARKING AREA PAVING (SEE EROSION CONTROL NOTES).
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- STORMWATER FLOWS ARE NOT TO BE DIRECTED INTO THE STORMWATER BASINS UNTIL THE CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
- ALL STRUCTURES SHALL BE CLEANED OF SEDIMENTS ONCE CONSTRUCTION IS COMPLETE.

CONSTRUCTION SEQUENCE NOTES 1
DT-3

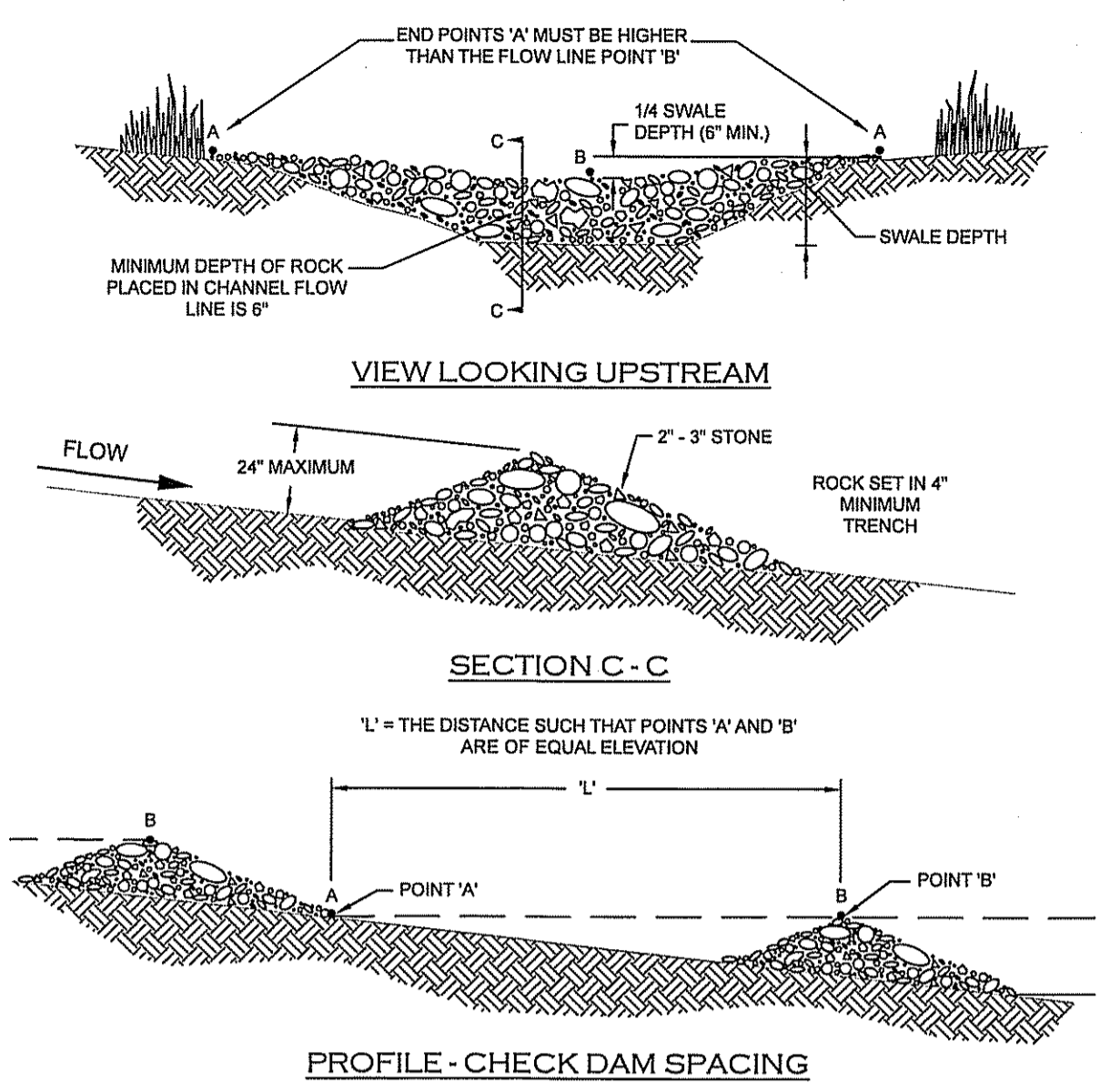
- EROSION CONTROL (GENERAL CONSTRUCTION)**
- PRIOR TO STARTING ANY WORK ON THE SITE THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES.
 - EROSION CONTROL MEASURES SHALL BE INSTALLED PER PLANS AND DETAILS. PERIMETER CONTROLS SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF EARTH DISTURBING ACTIVITIES.
 - EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEN POSSIBLE.
 - EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE KEPT CLEAN DURING CONSTRUCTION. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EVERY 0.25-INCH OR GREATER RAINFALL. SEDIMENTS SHALL BE DISPOSED OF IN AN UPLAND AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND BE PERMANENTLY STABILIZED.
 - THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION.
 - THE LAND AREA EXPOSED SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME. ALL NON-ACTIVE DISTURBED AREAS SHALL BE STABILIZED WITHIN 30 DAYS OF THE DISTURBANCE. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF FINAL GRADING.
 - DITCHES, SWALES AND DRAINAGE BASINS SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
 - AN AREA SHALL BE CONSIDERED STABILIZED IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
 - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL, SUCH AS STONE OR RIPRAP, HAS BEEN INSTALLED; OR
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
 - EROSION CONTROL BLANKETS SHALL BE INSTALLED ON ALL SLOPES THAT ARE STEEPER THAN 3:1 (HORIZONTAL / VERTICAL). UNLESS OTHERWISE SPECIFIED THE CONTRACTOR SHALL USE NORTH AMERICAN GREEN SC150, OR APPROVED EQUAL.
 - ALL AREAS RECEIVING EROSION CONTROL STONE OR RIPRAP SHALL HAVE A GEOTEXTILE MATERIAL INSTALLED BELOW THE STONE (SEE APPROPRIATE DETAILS).
 - ALL DISTURBED AREAS TO TURF FINISHED SHALL BE COVERED WITH A MINIMUM THICKNESS OF 4 INCHES OF COMPACTED LOAM. LOAM SHALL BE COVERED WITH THE APPROPRIATE SEED MIXTURE AS INDICATED BELOW:

| PERMANENT SEED (LAWN AREAS) | POUNDS / 1,000 SQUARE FEET |
|--|----------------------------|
| CREeping RED FESCUE | 0.92 LBS |
| PERENNIAL RYEGRASS | 1.15 LBS |
| KENTUCKY BLUEGRASS | 0.58 LBS |
| REDTOP | 0.12 LBS |
| **APPLICATION RATE TOTALS 2.8 LBS PER 1,000 SF** | |

- APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS. IF SOIL TESTING IS NOT FEASIBLE (CRITICAL TIME FRAMES OR VARIABLE SITES) THEN APPLY FERTILIZER AT A RATE OF 11 POUNDS PER 1,000 SF AND LIMESTONE AT A RATE OF 90 POUNDS PER 1,000 SF. FERTILIZER SHALL BE LOW PHOSPHATE (LESS THAN 2% PHOSPHORUS).
- CAUTION SHOULD BE TAKEN WHEN THE PROPERTY IS LOCATED WITHIN 250 FEET OF A WATER BODY. IN THIS CASE ALL FERTILIZERS SHALL BE RESTRICTED TO A LOW PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER. SLOW RELEASE FERTILIZERS MUST BE AT LEAST 50% SLOW RELEASE NITROGEN COMPONENT. NO FERTILIZER EXCEPT LIMESTONE SHALL BE APPLIED WITHIN 25 FEET OF THE SURFACE WATER. THESE ARE REGULATED LIMITATIONS.
- PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS (SEE WINTER CONSTRUCTION NOTES). NO DISTURBED AREAS SHALL BE LEFT EXPOSED DURING THE WINTER MONTHS.
- A VIGOROUS DUST CONTROL PROGRAM SHALL BE APPLIED BY THE SITE CONTRACTOR. DUST SHALL BE MANAGED THROUGH THE USE OF WATER.
- IN NO WAY ARE THE MEASURES INDICATED ON THE PLANS OR IN THESE NOTES TO BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL USE JUDGMENT TO INSTALL ADDITIONAL EROSION CONTROL MEASURES AS SITE CONDITIONS, WEATHER OR CONSTRUCTION METHODS WARRANT.
- FOLLOWING PERMANENT STABILIZATION, TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND ACCUMULATED SEDIMENTATION IS TO BE DISPOSED OF IN AN APPROVED LOCATION, OUTSIDE OF JURISDICTIONAL WETLANDS.

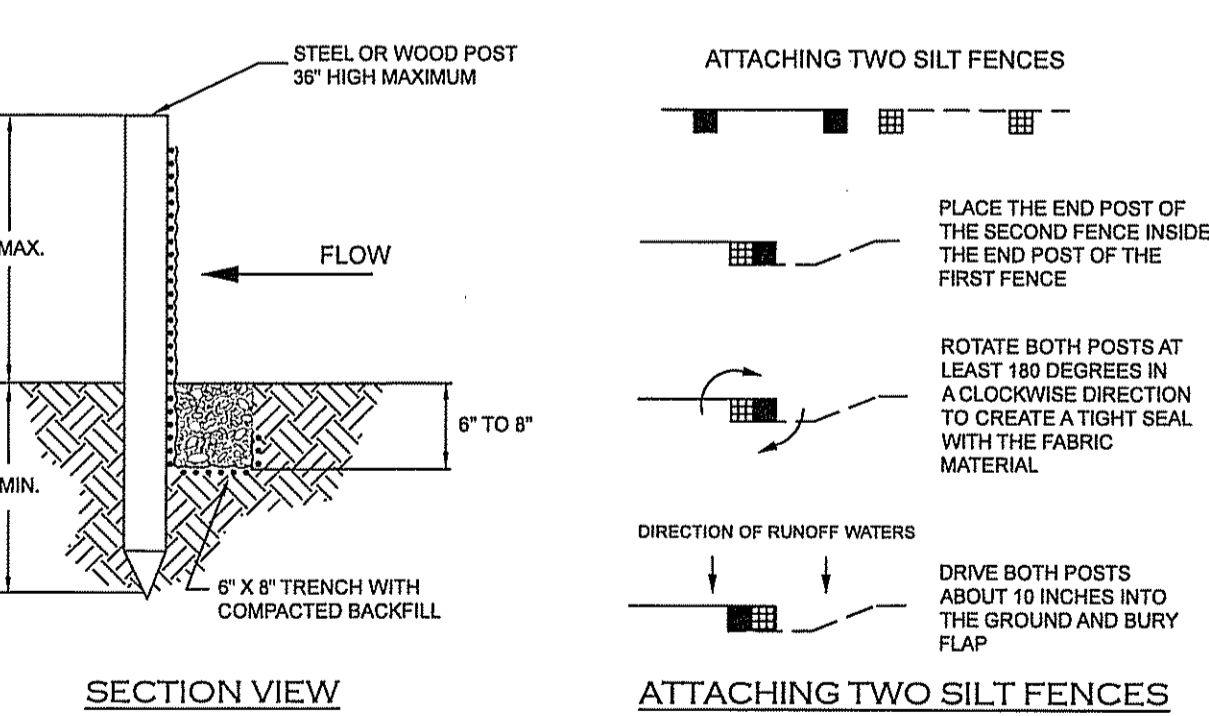
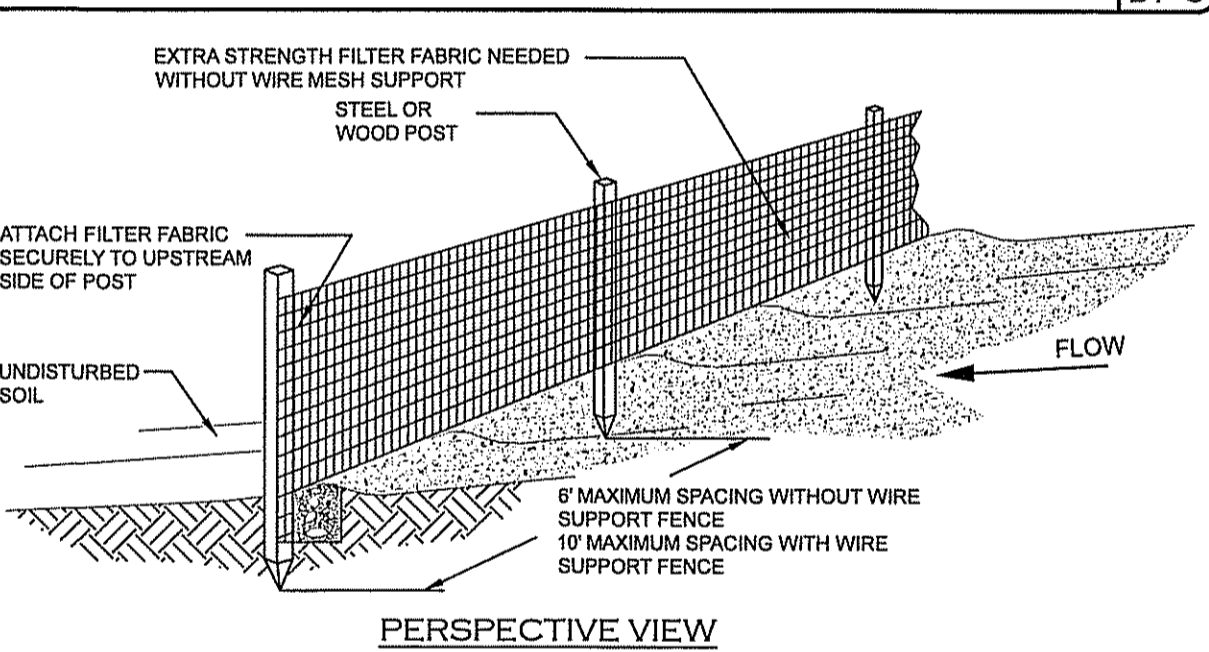
- EROSION CONTROL (WINTER CONSTRUCTION)**
- ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED. STABILIZATION METHODS SHALL INCLUDE SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
 - ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
 - AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL OR PROPERLY INSTALLED EROSION CONTROL BLANKETS COVERED WITH HAY. OTHER STABILIZATION OPTIONS ARE TO BE APPROVED BY THE APPROPRIATE AGENCIES AND THE DESIGN ENGINEER. IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER MONTHS THEN THE ROAD SHOULD BE CLEARED OF ACCUMULATED SNOW AFTER EACH STORM EVENT.

EROSION CONTROL NOTES 2
DT-3



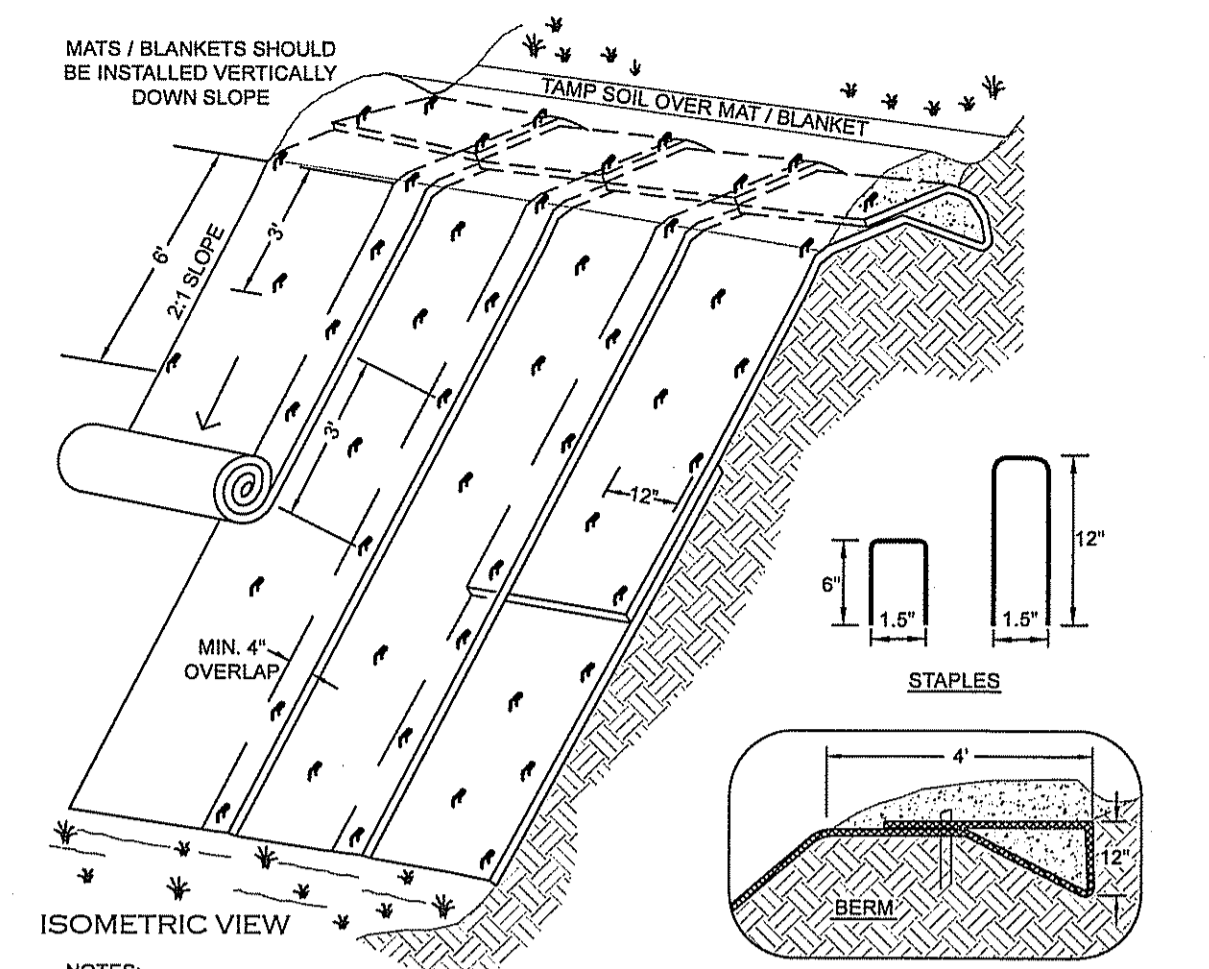
- NOTES:**
- STONE CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE SWALE OR DRAINAGE DITCH.
 - THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE CHECK DAM SHOULD BE LESS THAN ONE ACRE.
 - STONE CHECK DAMS SHOULD NOT BE USED IN A FLOWING STREAM.
 - STONE CHECK DAMS SHOULD BE CONSTRUCTED OF WELL-GRADED ANGULAR 2 TO 3 INCH STONE. THE INSTALLATION OF 3/4-INCH STONE ON THE UPGRADE FACE IS RECOMMENDED FOR BETTER FILTERING.
 - WHEN INSTALLING STONE CHECK DAMS THE CONTRACTOR SHALL KEY THE STONE INTO THE CHANNEL BANKS AND EXTEND THE STONE BEYOND THE ABUTMENTS A MINIMUM OF 18-INCHES TO PREVENT FLOW AROUND THE DAM.
 - STONE CHECK DAMS SHOULD BE REMOVED ONCE THE SWALE OR DITCH HAS BEEN STABILIZED UNLESS OTHERWISE SPECIFIED.

STONE CHECK DAM 3
DT-3



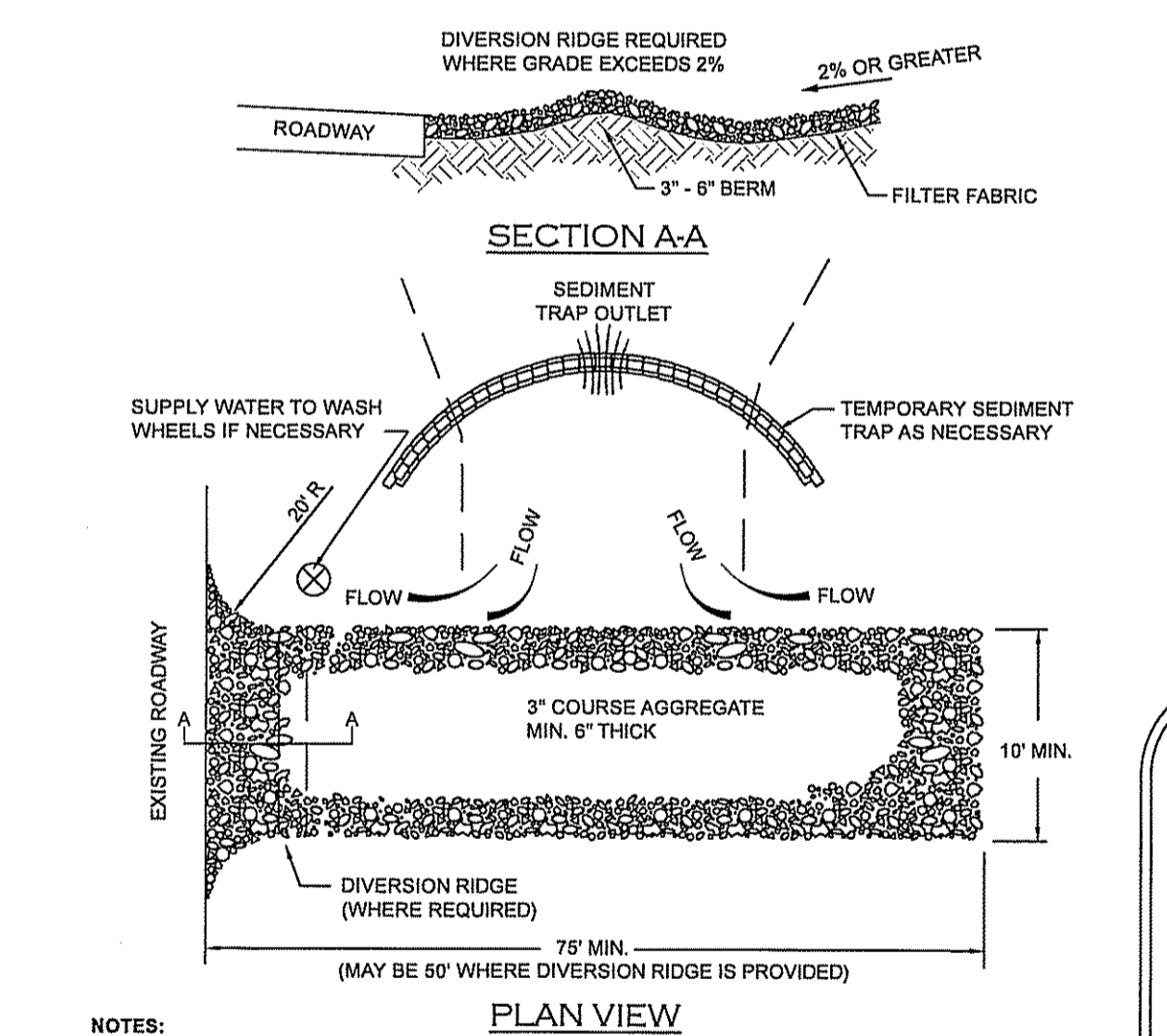
- NOTES:**
- SILT FENCES SHOULD NOT BE USED ACROSS STREAMS, CHANNELS, SWALES, DITCHES OR OTHER DRAINAGE WAYS.
 - SILT FENCE SHOULD BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE AND THE ENDS OF THE SILT FENCE SHOULD BE FLARED UPSLOPE.
 - IF THE SITE CONDITIONS INCLUDE FROZEN GROUND, LEDGE OR THE PRESENCE OF HEAVY ROOTS THE BASE OF THE FABRIC SHOULD BE EMBEDDED WITH A MINIMUM THICKNESS OF 8 INCHES OF 3/4-INCH STONE.
 - SILT FENCES PLACED AT THE TOE OF SLOPES SHOULD BE INSTALLED AT LEAST 6 FEET FROM THE TOE TO ALLOW SPACE FOR SHALLOW PONDING AND ACCESS FOR MAINTENANCE.
 - THE MAXIMUM SLOPE ABOVE THE FENCE SHOULD BE 2:1 AND THE MAXIMUM LENGTH OF SLOPE ABOVE THE FENCE SHOULD BE 100 FEET.
 - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 - SILT FENCES SHOULD BE REMOVED WHEN THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.

SILT FENCE 4
DT-3



- NOTES:**
- DIMENSIONS GIVEN IN THIS DETAIL ARE EXAMPLES; DEVICE SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 - INSTALL STRAW/COCOONUT FIBER EROSION CONTROL MAT SUCH AS NORTH AMERICAN GREEN SC150 OR EQUAL ON ALL SLOPES EXCEEDING 3' HORIZ : 1' VERT.
 - THE EROSION CONTROL MATERIAL(S) SHALL BE ANCHORED WITH "U" SHAPED 11 GAUGE WIRE STAPLES OR WOODEN STAKES WITH A MINIMUM TOP WIDTH OF 1 INCH AND LENGTH OF 7 INCH.
 - SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS / BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 - APPLY LIME, FERTILIZER AND PERMANENT SEEDING BEFORE PLACING BLANKETS.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET AS SHOWN. ROLL THE BLANKETS DOWN THE SLOPE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES OR STAKES IN APPROPRIATE LOCATIONS. REFER TO MANUFACTURER'S STAPLE GUIDE FOR CORRECT STAPLE PATTERN.
 - LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
 - IN LOOSE SOIL CONDITIONS THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 6 INCHES MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
 - THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERTILIZED, RESEEDED AND REMULCHED AS DIRECTED.
- SCALE: N.T.S.

EROSION BLANKETS - SLOPE INSTALLATION 5
DT-3

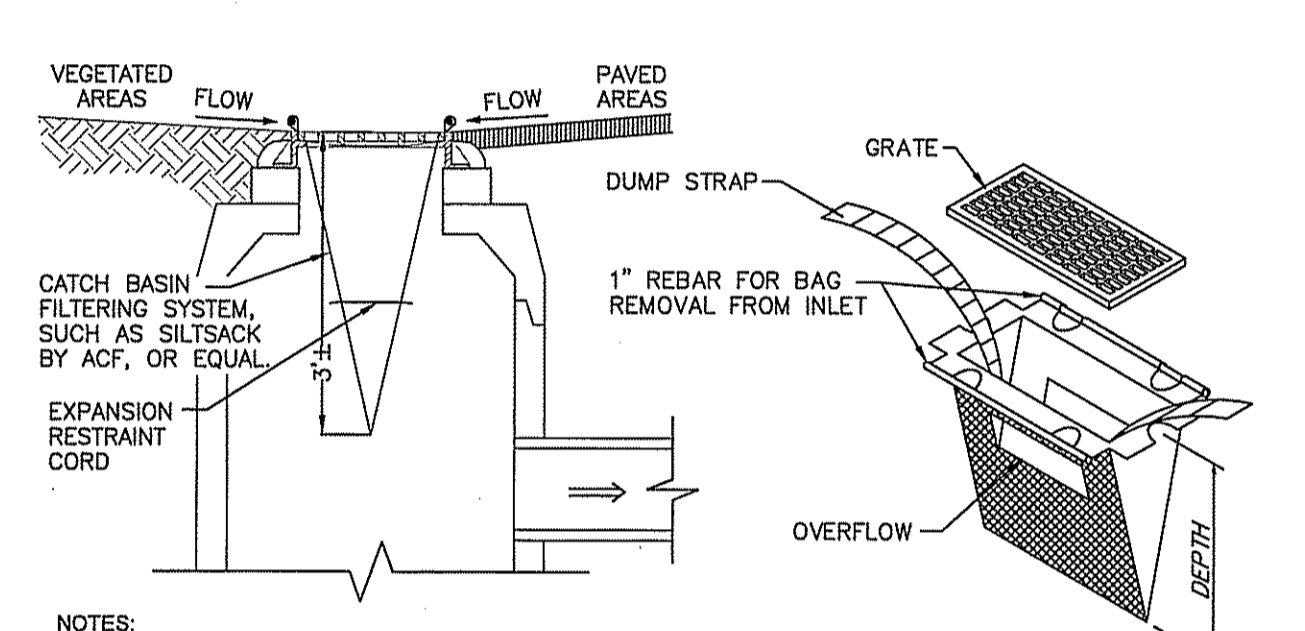


- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN-OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - THE MINIMUM STONE USED SHOULD BE 3-INCH CRUSHED STONE.
 - THE MINIMUM LENGTH OF THE PAD SHOULD BE 75 FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 50 FEET IF A 3-INCH TO 6-INCH HIGH BERM IS INSTALLED AT THE ENTRANCE OF THE PROJECT SITE.
 - THE PAD SHOULD EXTEND THE FULL WIDTH OF THE CONSTRUCTION ACCESS ROAD OR 10 FEET, WHICHEVER IS GREATER.
 - THE PAD SHOULD BE AT LEAST 6-INCHES THICK.
 - THE GEOTEXTILE FILTER FABRIC SHOULD BE PLACED BETWEEN THE STONE PAD AND THE EARTH SURFACE BELOW THE PAD.
 - THE PAD SHALL BE MAINTAINED OR REPLACED WHEN MUD AND SOIL PARTICLES CLOG THE VOIDS IN THE STONE SUCH THAT MUD AND SOIL PARTICLES ARE TRACKED OFF-SITE.
 - NATURAL DRAINAGE THAT CROSSES THE LOCATION OF THE STONE PAD SHOULD BE INTERCEPTED AND PIPED BENEATH THE PAD, AS NECESSARY, WITH SUITABLE OUTLET PROTECTION.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
- SCALE: N.T.S.

GRAVEL CONSTRUCTION EXIT 6
DT-3

- TEMPORARY PROTECTION OF DISTURBED AREAS SHALL BE IMPLEMENTED WHERE A TEMPORARY STAND OF GRASS OR SMALL GRAINS WILL NORMALLY PRODUCE SUFFICIENT COVER TO RETARD EROSION AND REDUCE SEDIMENT.
- USE OF TEMPORARY SEEDING SHALL BE IMPLEMENTED WHEN A DISTURBED AREA OR MATERIAL STOCKPILE WILL BE INACTIVE FOR A PROLONGED PERIOD OF TIME.
- ALL ESSENTIAL GRADING SUCH AS DIVERSIONS, DAMS, DITCHES AND DRAINS NEEDED TO PREVENT GULLYING AND REDUCE SILTATION SHALL BE COMPLETED PRIOR TO SEEDING.
- PREPARE SEEDBED BY REMOVING ALL STONES, TRASH AND STUMPING DEBRIS THAT WILL INTERFERE WITH SEEDING. WHERE FEASIBLE, TILL THE SOIL TO A DEPTH OF ABOUT 3 INCHES TO PREPARE SEEDBED AND MIX FERTILIZER INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATIONS SHOULD BE PERFORMED ACROSS THE SLOPE.
- A MINIMUM OF 300 POUNDS PER ACRE (7 LBS. PER 1,000 SQ.FT.) OF 10-10-10 FERTILIZER, OR ITS EQUIVALENT, SHALL BE UNIFORMLY SPREAD OVER THE AREA PRIOR TO BEING INCORPORATED INTO THE SOIL.
- THE SEED SHALL BE SPREAD UNIFORMLY OVER THE AREA. AFTER SEEDING, THE SOIL SHOULD BE FIRMED BY ROLLING OR PACKING. WHERE ROLLING OR PACKING IS NOT FEASIBLE, THE SEED SHALL BE COVERED LIGHTLY BY RAKING, DISKING, OR DRAGGING.
- HAY OR STRAW MULCH MAY BE NECESSARY TO PROMOTE SEED GERMINATION IN DRY AND/OR INFERTILE CONDITIONS.
- PLANT SELECTION AND APPLICATION RATES:

SEEDING FOR TEMPORARY PROTECTION OF DISTURBED AREAS 7
DT-3



- NOTES:**
- INSTALL AND MAINTAIN SACKS IN ALL CATCH BASINS.
 - TO INSTALL SACK, REMOVE CATCH BASIN GRATE AND PLACE SACK IN OPENING. HOLD OUT APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME FOR THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE.
 - THE SACK SHOULD BE INSPECTED AFTER EVERY STORM, OR ONCE EVERY TWO WEEKS, WHICH EVER OCCURS FIRST.
 - THE RESTRAINT CORD SHOULD BE VISIBLE AT ALL TIMES. IF THE CORD IS COVERED WITH SEDIMENT, THE SACK SHOULD BE EMPTIED. EMPTY THE SACK AWAY FROM THE CATCH BASIN TO PREVENT SEDIMENT FROM RE-ENTERING THE CATCH BASIN. EMPTY THE SACK PER THE MANUFACTURER'S RECOMMENDATIONS.
 - REPLACE THE SACK IN THE CATCH BASIN AFTER THE SACK HAS BEEN EMPTIED. ONCE CONSTRUCTION IS COMPLETE AND ALL DISTURBED AREAS HAVE BEEN STABILIZED BY PAVING OR A HEALTHY VEGETATIVE COVER, REMOVE THE SACK FROM THE CATCH BASINS.

SILT SACK SEDIMENT FILTER 5
DT-2

811
Know what's below.
Call before you dig.
CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION AT DIGSAFE.COM OR DIAL 8 1 1
IT'S SMART, IT'S FREE, IT'S THE LAW

STATE OF NEW HAMPSHIRE
NATHAN CHAMBERLIN
REGISTERED PROFESSIONAL ENGINEER
3/18/20

| REV. | DATE | DESCRIPTION | C/O | DR | CK |
|------|------|-------------|-----|----|----|
| | | | | | |
| | | | | | |

CONSTRUCTION DETAILS
TAX MAP 1 LOT 549-G
(OLD CONCORD ROAD)
HENNIKER, NEW HAMPSHIRE
PREPARED FOR:
MAC MILFORD REALTY, LLC
5 CIARDELLI CROSSING, MILFORD, NH 03055
SCALE: N.T.S. MARCH 16, 2020
Surveying + Engineering + Land Planning + Permitting + Septic Designs
FIELDSTONE
LAND CONSULTANTS, PLLC
206 Elm Street, Milford, NH 03055
Phone: (603) 672-5456 Fax: (603) 413-5456
www.FieldstoneLandConsultants.com
FILE: 2392DT00.dwg PROJ. NO. 2392.00 SHEET: DT-3 PAGE NO. 9 OF 9