



PROJECT PERIMETER PROPERTY LINE PROPOSED PROPERTY LINE PROPOSED BUILDING ENVELOPE PROPOSED SEWER WETLAND BOUNDARY (L&D) WETLAND BOUNDARY (VHB) WETLAND BUFFER (VHB)

LEGEND

TREE AND SHRUB PLANTING SPECIFICATIONS

- ALL PLANT MATERIALS SHALL CONFORM TO THE INTERNATIONAL SOCIETY OF ARBORICULTURE PRINCIPALS AND PRACTICES OF PLANTING TREES AND SHRUBS, AND THE MOST RECENT VERSION OF THE AMERICAN STANDARD FOR NURSERY STOCK - ANSI Z60.1
- ALL PLANT MATERIALS SHALL BE INSTALLED BETWEEN APRIL 15TH AND JUNE 30TH. NO PLANTING SHALL BE DONE WHEN THERE IS SNOW COVER, FROZEN GROUND OR UNSATISFACTORY WEATHER CONDITIONS. SOME PLANTINGS CAN OCCUR BETWEEN AUGUST 15TH AND SEPTEMBER 30TH WITH APPROVAL BY THE ENGINEER PRIOR TO PLANTING. IF SPECIAL CONDITIONS EXIST THAT WARRANT A VARIANCE FROM THESE PLANTING TIMES, A WRITTEN REQUEST SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO PLANTING. ANY VARIANCE IN THE PLANTING SEASON WILL NOT AFFECT THE GUARANTEE PERIOD.
- ALL PLANTS SHALL HAVE A PRELIMINARY INSPECTION BY THE ENGINEER AT THE TIME OF DELIVERY, PLANTS THAT HAVE DAMAGED OR CROOKED LEADERS, BARK ABRASIONS, SUN SCALD, INSECT DAMAGE, DISFIGURING KNOTS, OR CUTS OF LIMBS GREATER THAN 3/4" WILL BE REJECTED. PLANTS WITH EXCESSIVE SOIL ON TOP OF THE ROOT FLARE AND/ OR MINIMAL ROOT BALL WILL BE REJECTED.
- SUN AND DRYING WINDS. ALL PLANT ROOT BALLS SHALL BE KEPT SHADED AND PROTECTED WITH SOIL, SHREDDED HARDWOOD MULCH OR OTHER ACCEPTABLE MATERIAL, AND REGULARLY WATERED. PRIOR TO INSTALLATION OF LANDSCAPE PLANTINGS, CONTRACTOR SHALL

SEE LANDSCAPING PLAN -

3 x WIDEST DIMENSION

OF ROOT BALL

FOR STREET TREES

TYPICAL GROUPINGS OF SHRUBS TO BE A MIX OF SUMMERSWEET, ANNABELLE HYDRANGEA, ANTHONY WATERER SPIREA, CHINESE LILAC, SARGENT JUNIPER AND CREEPING JUNIPER. A MINIMUM OF 6 SHRUBS OF AT LEAST 2 DIFFERENT SPECIES.

TYPICAL PLANTING PLAN FOR MULTI FAMILY BUILDINGS

THIS IS THE TYPICAL PLANTING PLAN FOR THE MULTI FAMILY

BUILDING. PLANTS MAY BE ADJUSTED IN THE FIELD DURING

IDENTIFIED IN THE PLANT LIST ON THIS SHEET.

FINISH GRADE -

PLANTING. PLANTS MAY BE SUBSTITUTED USING SIMILAR SPECIES

- DETERMINE WHERE EXISTING UNDERGROUND UTILITIES ARE LOCATED TO AVOID INTERFERENCE.
- DEAD OR INJURED BRANCHES.

- SHALL BE REMOVED TO LOCATE THEM. PLANT SHRUBS AND PERENNIALS SO THAT THE MAIN ORDER ROOTS ARE AT FINISHED GRADE. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL OR MORE THAN 1" OF
- TREE WRAP, ROPE, STRING AND SURVEYOR TAPE PRIOR TO PLANTING TO PREVENT GIRDLING.
- 11. WATER ALL TREES AND SHRUBS THOROUGHLY ONCE PLANTED TO PULL
- MAY BE NEEDED; WATER AGAIN TO ENSURE COMPLETE COMPACTION. RE-SET SETTLED PLANTS TO PROPER GRADE AND POSITION. RESTORE ADJACENT MATERIAL AND REMOVE DEAD MATERIAL.
- MULCH WILL BE ACCEPTED.
- SHALL BE TWICE WEEKLY. TREES SHALL RECEIVE A MINIMUM OF 10 GALLONS AND SHRUBS SHALL RECEIVE A MINIMUM OF 5 GALLONS.
- DEFICIENCIES BECOME APPARENT AND WEATHER PERMITS.
- 15. ALL TREES AND SHRUBS SHALL BE GUARANTEED FOR A PERIOD OF TWO YEARS AFTER PLANTING, CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ALL PLANTINGS AND SHALL INCLUDE PRUNING WEEDING, AND WATERING NECESSARY TO MAINTAIN PLANTS IN GOOD HEALTH AND FREE OF INSECTS AND DISEASE UNTIL FINAL ACCEPTANCE.

BALL. WHERE THE MAIN ORDER ROOTS ARE NOT VISIBLE. EXCESS SOIL

- EXAMINE EVERY TREE AND SHRUB AND REMOVE ALL NURSERY TAGS,
- CUT AND COMPLETELY REMOVE WIRE MESH BASKET, ROPE, AND BURLAP WRAPAFTER PLACEMENT IN PLANTING PIT.
- SOIL AGAINST ROOT BALL AND SETTLE AIR POCKETS. ADDITIONAL SOIL
- 12. ONCE ALL TREES AND SHRUBS HAVE BEEN INSTALLED, PLACE A LAYER OF SHREDDED HARDWOOD MULCH AS SHOWN IN THE DETAIL. NO DYED
- 13. THE MINIMUM WATERING INTERVAL DURING THE WARRANTY PERIOD
- 14. CORRECTIVE WORK SHALL OCCUR AS SOON AS POSSIBLE AFTER

4" HIGH X 8" WIDE ROUND-TOPPED SOIL BERM ABOVE ROOT BALL SURFACE SHALL BE CONSTRUCTED

AROUND THE ROOT BALL. BERM SHALL BEGIN AT ROOT BALL

PRIOR TO MULCHING, LIGHTLY TAMP

LIFTS TO BRACE SHRUB. DO NOT OVER-

WATER AROUND THE ROOT BALL TO

SOIL AROUND THE ROOT BALL IN 6"

COMPACT. WHEN THE PLANTING HOLE HAS BEEN BACKFILLED, POUR

SETTLE THE SOIL.

Large Trees Acer x freemanii 'Sienna Glen' Freeman Maple 7 B&B, container Bn Betula nigra 'Heritage' River Birch 7 B&B, container 2 1/2" caliper Celtis occidentalis 'Prairie Pride' 2 1/2" caliper B&B, container Common Hackberry Gd Gymnocladus dioicus Kentucky Coffeetree 2 1/2" caliper B&B, container Honeylocust 8 B&B, container Gleditsia triacanthos 'Shademaster' 2 1/2" caliper Northern Red Oak 2 1/2" caliper B&B, container Ouercus rubra B&B. container Tilia tomentosa 'Green Mountain' Silver Linden 2 1/2" caliper Ulmus americana 'Valley Forge' American Elm 2 1/2" caliper 6 B&B, container Small Trees Amelanchier canadensis 'Traditional' | Shadblow Serviceberry | 2" caliper 3 B&B, container Calt Cornus alternifolia Pagoda Dogwood 2 B&B, container Hc Halesia carolina Carolina Silverbell 1 B&B, container B&B, container Eastern Red Cedar Juniperus virginiana 'Canaerti' Thuja occidentalis 'Smaragd' Northern White Cedar 48" height B&B. container Vp Viburnum prunifolium Blackhaw 2" caliper 3 B&B, container Shrubs Aronia arbutifolia 'Brilliantissima' Red Chokeberry 5 Container 18" to 24" Height Ca Corvlus americana American Hazelnut Container Cornus sericea 'Cardinal' Red Osier Dogwood 18" to 24" Height Ilex verticillata 'Winter Red'' Winterberry (female) Container Ilex verticillata 'Southern Gentleman' Winterberry (male) 18" to 24" Height Container Physocarpus opulifolia 'Center Glow' Common Ninebark 18" to 24" Height Container Northern Arrowwood | 18" to 24" Height | Vd | Viburnum dentatum

Common Name

Quantity Remarks

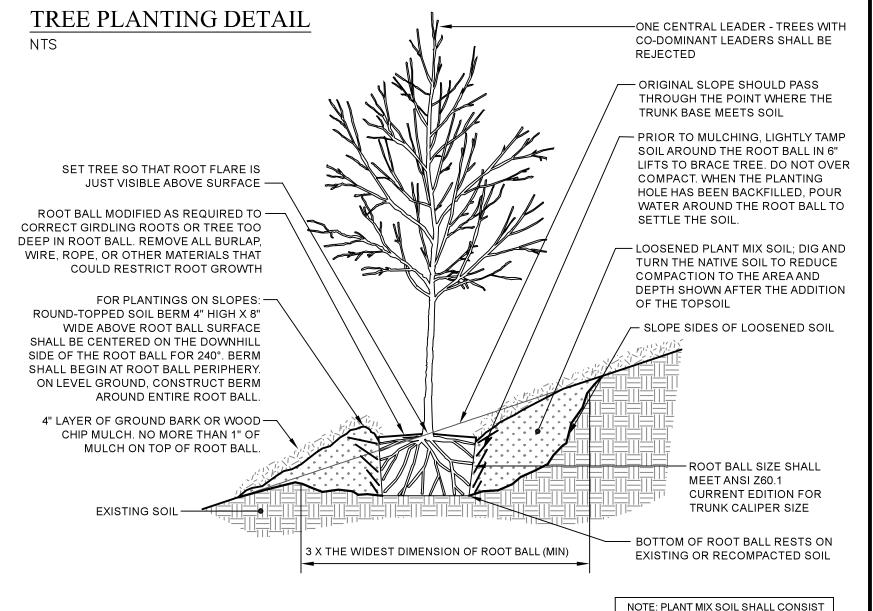
. Unless a cultivar is designated, plants shall be the species. . Trees shall be single-stemmed.

PLANTING SCHEDULE

Key | Botanical Name

. Reject trees with co-dominant leaders.

The lowest branching height for trees to be planted near pavement or sidewalks shall be 6 ft above the root flare. Trees shall be selected at the nursery to comply with branching requirements without the need for pruning.



ABOVE GRADE AND 6 INCHES BELOW. THE ROCK SHALL HAVE NO DIMENSION LESS THAN 30 INCHES.

BOULDERS SHALL BE INSTALLED ALONG THE EDGE OF THE CLAS2 2 WETLAND BUFFER / WATERSHED PROTECTION BUFFER AT A MAXIMUM SPACING OF 50 FEET

WATERSHED PROTECTION BUFFER DEMARCATION

Upon finding that the final plans complied with all requirements of the Williston Development Bylaw, and all conditions imposed on the approval of Discretionary Permit #DP 19-11, the Williston Zoning Administrator approved the final plans on the _____ day of

MARKER ROCK SHALL EXTEND A MINIMUM OF 24 INCHES

11-19-19 REVISED LOTS 3-6 & 8 AND MOVED TREES 08-23-19 ADDED WATERSHED BUFFER DEMARCATION DETAIL 03-06-19 | CREATE LANDSCAPING PLAN These plans shall only be used for the purpose shown below: Act 250 Review Sketch/Concept Construction Record Drawing Adams Real Properties, LLC Development & SPECIFICATIONS

Proposed Mixed Use/Open Space 700 Mountain View Road Williston, Vermont LANDSCAPING PLAN, DETAILS Checked

Lamoureux & Dickinson Consulting Engineers, Inc. 14 Morse Drive, Essex, VT 05452 802-878-4450 www.LDengineering.com

OF 3 PARTS EXISTING LOOSE NATIVE

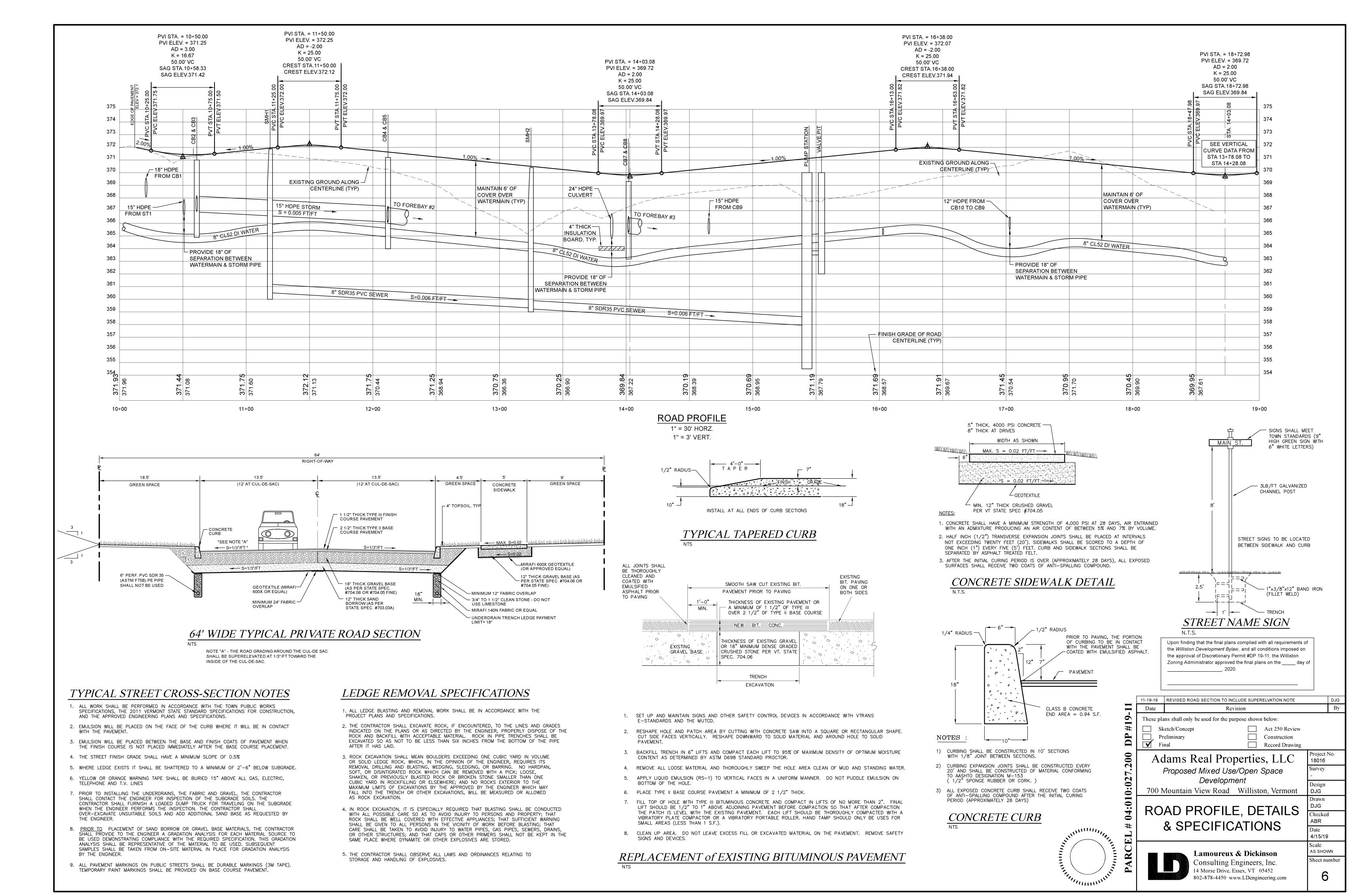
SOILAND 1 PART TOPSOIL

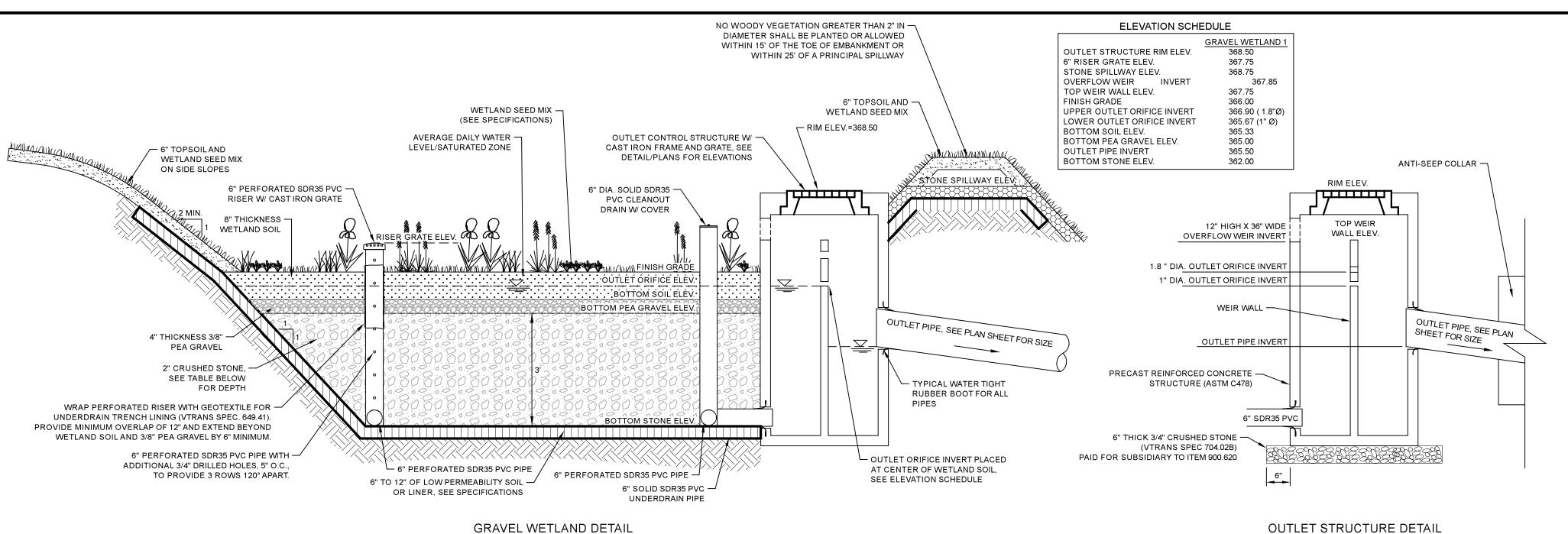
Design DJG/BJT

4/15/19

AS SHOWN

Sheet number



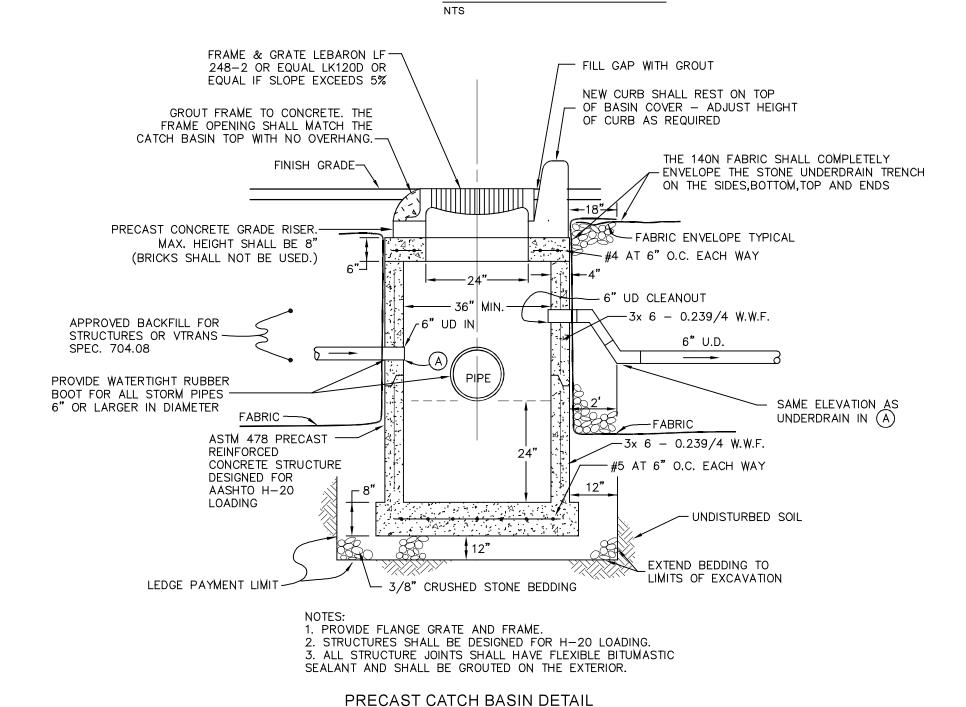


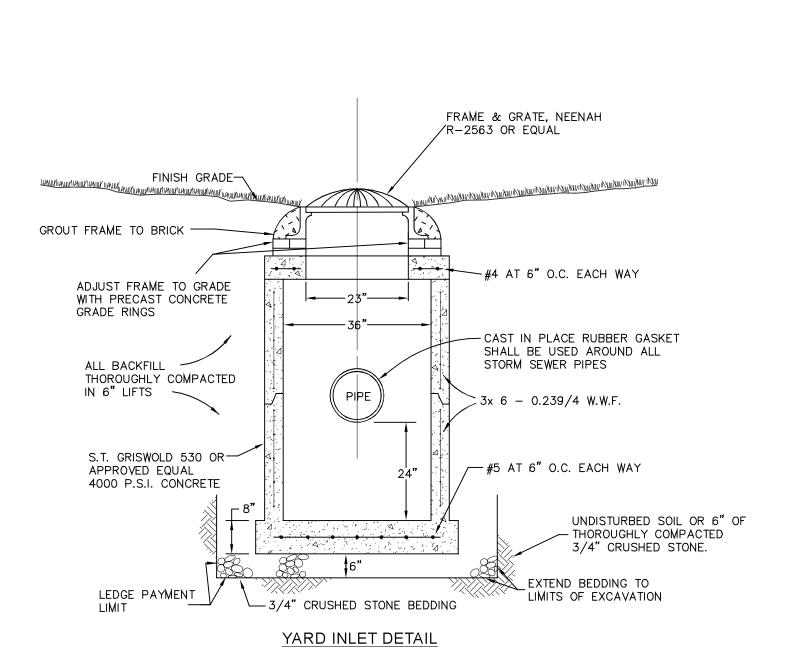
- SEE PLANS FOR GRADING 4" LOAMY SAND -SIDESLOPES SHALL BE TOPSOIL AND 3H:1V OR FLATTER URBAN SEED MIX EXISTING GROUND ☐ 5" THICK 2 1/2" Ø CRUSHED STONE 2' MINIMUM - NATIVE SAND OR LOAMY SAND WHERE AREAS OF LOAMY VERY FINE SAND OR VERY -FINE SANDY LOAM EXIST AT THE BOTTOM OF THE 2 1/2" Ø CRUSHED STONE INFILTRATION BASIN, THE BOTTOM SHALL BE OVER - MIRAFI 140 GEOTEXTILE SURROUNDING CRUSHED EXCAVATED AND THE MATERIAL REPLACED WITH ONSITE SAND BORROW STONE WITH MINIMUM 24" OVERLAP AT TOP

INFILTRATION BASIN CONSTRUCTION NOTES

- 1. THROUGHOUT ALL CONSTRUCTION ACTIVITIES, THE OPERATION OF HEAVY EQUIPMENT OVER THE AREA OF THE PROPOSED STORMWATER INFILTRATION BASINS SHALL BE RESTRICTED TO PREVENT COMPACTION OF THE UNDERLYING SOILS AND REDUCTION OF THE SOIL PERMEABILITY. IF EQUIPMENT MUST BE USED IN THE INFILTRATION BASINS FOR BUILDING OR UTILITY CONSTRUCTION, A MINIMUM OF 2 FEET OF OVERBURDEN SHALL BE IN PLACE TO MINIMIZE COMPACTION OF THE UNDERLYING SOILS.
- 2. DURING EXCAVATION FOR THE INFILTRATION BASINS, THE CONTRACTOR SHALL TAKE CARE TO PREVENT CONTAMINATION OF THE NATIVE SOILS WITH SEDIMENT OR FILL MATERIAL. THE STORMWATER INFILTRATION BASINS SHALL NOT BE USED FOR CONCRETE WASHOUT AREAS.
- 3. THE INFILTRATION BASINS SHALL BE USED TO CONTROL AND INFILTRATE RUNOFF FROM THE SITE DURING CONSTRUCTION. DURING THE INITIAL EXCAVATION OF THE BASINS, THE BOTTOM SHALL BE EXCAVATED TO 6" ABOVE THE FINISH GRADE ELEVATION. AFTER CONSTRUCTION OF THE BUILDING, DRIVES, AND PARKING ARE SUBSTANTIALLY COMPLETE. THE BOTTOM OF THE INFILTRATION BASINS AND SIDESLOPES SHALL BE EXCAVATED TO THE FINISH GRADES SHOWN. THE BOTTOM OF THE BASINS SHALL BE IN NATIVE SAND. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED UPON FINAL STABILIZATION OF THE UPSLOPE CONTRIBUTING AREA. IF ANY FILL MATERIAL IS REQUIRED TO FILL VOIDS, ONLY APPROVED CLEAN NATIVE SAND SHALL BE USED.
- 4. A MINIMUM 4" THICK LOAMY SAND TOPSOIL SHALL BE PLACED OVER THE BOTTOM AND SIDESLOPES OF THE INFILTRATION BASIN. THE CONTRACTOR SHALL APPLY SOIL AMENDMENTS AS NECESSARY, BASED UPON A SOIL TEST.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A PERMANENT VIGOROUS GROWTH OF THICK GRASS THROUGHOUT THE BASIN AND CONTRIBUTING SWALES. ALL DISTURBED AREAS SHALL BE SEEDED WITH SEED MIX AT THE SPECIFIED RATE, PRIOR TO MULCHING.

INFILTRATION BASIN DETAIL





ORIGINAL

GROUND

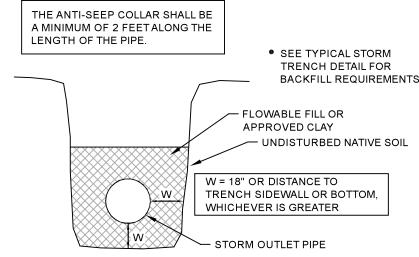
MIRAFI 500X WOVEN GEOTEXTILE, OR

APPROVED EQUAL, ABOVE AND BELOW DRAINAGE LAYER. OUTER EDGES OF

ROCK TO REMAIN EXPOSED - CUT AWAY ANY OVERHANGING GEOTEXTILE.

Indicator Fox Sedge OBL Carex vulpinoidea FACW Carex scoparia | Blunt Broom Sedge 'arex lurida Lurid Sedge OBL Carex lupulina Hop Sedge OBL Fowl Bluegrass FACW Bidens frondosa Beggar Ticks FACW Scirpus atrovirens | Green Bulrush OBL sclepias incarnata Swamp Milkweed OBL Carex crinita Fringed Sedge OBL Vernonia noveboracensis New York Ironweed FACW+ FACW+ Soft Rush Juncus effesus 1ster lateriflorus Starved/Calico Aster FACW ris versicolor American Mannagrass OBL Hyceria grandis Mimulus ringens Square Stemmed Monkey Flower | OBL upatorium maculatum | Spotted Joe Pye Weed Application rate of 1 lbs per 2500 SF or 18 lbs per acre

WETLAND SEED MIX



- 1. A MINIMUM OF THREE ANTI-SEEP COLLARS SHALL BE INSTALLED ON THE OUTLET PIPE FROM THE STORMWATER PONDS.
- 2. THE COLLAR SHALL BE CONSTRUCTED WITH FLOWABLE FILL (250 PSI CONCRETE) OR APPROVED CLAY.
- 3. PAYMENT FOR THE ANTI-SEEP COLLARS SHALL BE CONSIDERED SUBSIDIARY TO THE STORMWATER PIPE INSTALLATION.

FINISH GRADE

FOR STORM LINES,

('D' IS OUTSIDE

TYPICAL STORM DETAIL

GRAVEL WETLAND - MATERIAL SPECIFICATIONS

<u>WETLAND SOIL MIX</u> THE WETLAND SOIL SHALL CONSIST OF THE AMENDMENT OF NATURAL TOPSOIL WITH PEAT MOSS OR LEAF MOLD, AT A RATIO OF 75% TOPSOIL TO 25% *ORGANIC MATERIAL BY VOLUME. LOW HYDRAULIC CONDUCTIVE SOIL (0.1 - 0.01 FT/DAY), AS FOLLOWS:

12-15% *ORGANICS 15-25%

*ORGANICS SHOULD CONSIST OF PEAT MOSS OR LEAF MOLD

THE WETLAND SOIL MIX SHALL BE FREE OF STICKS, SHRUBS, STONES, STUMPS, OR ROOTS LARGER THAN TWO (2) INCHES IN

ANY DIMENSION. THE SOIL MIX SHALL BE FREE OF NOXIOUS WEEDS.

GRAVEL SHALL CONSIST OF CRUSHED ANGULAR ROCK FRAGMENTS. THE CRUSHED GRAVEL SHALL BE FREE FROM CLAY, LOAM AND ORGANICS AND SHALL CONFORM TO THE FOLLOWING GRADATION

85-100 No. 4

STONE SHALL CONSIST OF CRUSHED ANGULAR ROCK FRAGMENTS. THE CRUSHED STONE SHALL BE CLEAN AND FREE FROM CLAY, LOAM AND ORGANICS AND SHALL CONFORM TO THE FOLLOWING GRADATION:

1-1/2" 35-70 0-15

No. 8

No. 16

HE SOIL SHALL CONSIST OF A MINIMUM OF 15% PASSING THE No. 200 SIEVE, PLACED AND COMPACTED TO PROVIDE A MAXIMUM PERMEABILITY RATE OF 1 X 10^-5 CM/SEC (0.025 FT/DAY).

ALTERNATIVE LINERS: IN SUBSTITUTION OF LOW PERMEABILITY SOIL LINER THE FOLLOWING MAY BE USED:

GEOMEMBRANE: 30 MIL LINER, LOW DENSITY POLYETHYLENE GEOMEMBRANE

OVER EXCAVATE THE BOTTOM OF THE WETLAND 2" CRUSHED STONE LAYER BY 4".

PLACE 4" OF SAND BARROW (VTRANS SPEC. 703.03) 3. PLACE POLYETHYLENE GEOMEMBRANE AND WELD FIELD SEAMS PER MANUFACTURE SPECIFICATIONS.

- OVER EXCAVATE THE BOTTOM OF THE WETLAND 2" CRUSHED STONE LAYER BY 6". APPLY BENTONITE AT A MINIMUM RATE OF 2 LBS/SF (MINIMUM OF THICKNESS OF 1/4"), RAKE AS NEEDED TO
- PROVIDE A CONSISTENT LAYER. 3. REPLACE THE OVER EXCAVATED SOIL AND COMPACT.

ALL PIPE SHALL BE SDR35 PVC. PERFORATIONS SHALL BE 1/2" Ø DRILLED HOLES, 5" O.C., TO PROVIDE 3 ROWS 120° APART.

<u>WETLAND SEED MIX</u> WETLAND SEED MIX SHALL BE USED TO ESTABLISH GROWTH ON THE SIDE SLOPES AND BOTTOM OF THE GRAVEL WETLAND. SEE TABLE (LEFT) FOR APPLICATION RATE AND SEEDING SPECIFICATIONS.

GRAVEL WETLAND - EROSION PREVENTION AND SEDIMENT CONTROL SEQUENCING

- 1. INSTALL SILT FENCE AND/OR OTHER APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES TO PREVENT SEDIMENT FROM ENTERING THE GRAVEL WETLAND DURING CONSTRUCTION.
- 2. RUNOFF SHALL NOT BE DIRECTED INTO THE GRAVEL WETLAND FACILITY UNTIL:
- A. ALL UPGRADIENT CONTRIBUTING AREAS HAVE BEEN PERMANENTLY STABILIZED.
- B. ANY FOREBAYS OR REQUIRED PRETREATMENT DEVICES ARE INSTALLED. C. THE GRAVEL WETLAND FACILITY IS COMPLETE AND ALL AREAS SUBJECT TO RUNOFF HAVE BEEN PERMANENTLY
- 3. REMOVE TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES AFTER THE GRAVEL WETLAND IS PLACED ONLINE AND IS RECEIVING RUNOFF.
- 4. IN THE EVENT THAT SEDIMENT IS INTRODUCED INTO THE GRAVEL WETLAND, THE SEDIMENT AND ALL CONTAMINATED MATERIAL (SUCH AS STONE OR SOIL MIX) SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO EXPENSE TO

GRAVEL WETLAND - PLANTING SPECIFICATIONS

- PLANTS SHALL BE OF THE SPECIES SHOWN IN THE PLANTING SCHEDULE. ANY CHANGES TO THE SCHEDULE SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.
- 2. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WELL IN ADVANCE WITH THE NURSERIES SUPPLYING THE PLANTS TO ENSURE ADEQUATE QUANTITIES ARE AVAILABLE WHEN THEY ARE NEEDED.
- BEFORE TRANSPLANTING, KEEP PERENNIALS CONSISTENTLY MOIST AND IN AN AREA NOT SUBJECT TO FULL SUN. STRONG WINDS, OR TEMPERATURE EXTREMES. INSTALL PLANTS AS SOON AS POSSIBLE, BUT IN ANY CASE WITHIN 1 WEEK OF DELIVERY FROM THE NURSERY.
- 4. ALL SPECIFIED PLANTINGS REQUIRE VERY MOIST CONDITIONS TO SURVIVE. IF THE PEA STONE DRIES, MOST OF THE PLANTS WILL DIE. EITHER ALLOW THE GRAVEL WETLAND TO FILL TO CAPACITY, OR PROVIDE FOR REGULAR IRRIGATION
- PLANTS ARE TO BE INSTALLED ON A 2-FT GRID. MARK THE GRID PRIOR TO PLANTING USING A DEVICE SUCH AS A RAKE WITH TINES SPACED 24" ON CENTER.
- 6. INSTALL PLUGS TO THE DEPTH OF THE PLUG AND NO DEEPER. DO NOT BEND OR DEFORM THE ROOT BALL.

THAT WILL KEEP PLANTINGS CONTINUALLY MOIST UNTIL THE GRAVEL WETLAND HAS FILLED.

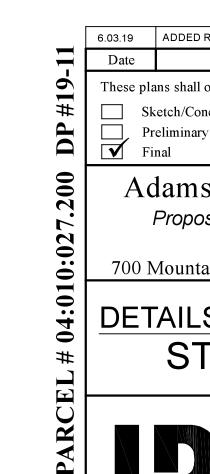
AFTER PLANTING. THE PEA STONE SHALL BE MAINTAINED IN A MOIST OR WET CONDITION. IF RAINFALL AND SUBSURFACE WATER LEVEL ARE NOT ADEQUATE TO ACHIEVE THIS, IRRIGATION SHALL BE USED AS NEEDED

> Upon finding that the final plans complied with all requirements of the Williston Development Bylaw, and all conditions imposed on the approval of Discretionary Permit #DP 19-11, the Williston Zoning Administrator approved the final plans on the _____ day of

CEL# 04:010:027.200 DP#19-11	6.03.19 Date						DJG
	Sk	ans shall only be used setch/Concept reliminary nal	l for the purpose	show	Act 250 Review Construction Record Drawing		
	Adams Real Properties, LLC Proposed Mixed Use/Open Space Development 700 Mountain View Road Williston, Vermont					Project 18016 Survey - Design DJG	No.
	DETAILS & SPECIFICATIONS STORMWATER					Drawn DJG Checke ABR Date 4/15/19	
CE		Lam	oureux & I)ick	inson	Scale	

Morse Drive, Essex, VT 05452 802-878-4450 www.LDengineering.com Sheet number

UNDISTURBED SOIL IF COVER IS LESS THAN 3 1/2' PLACE 4" THICK INSULATED BOARD WHICH IS SUITABLE - FOR BURIAL OVER PIPE. DIAMETER OF PIPE) THE CONTRACTOR SHALL AT ALL TIMES KEEP THE TRENCHES ENTIRELY FREE OF WATER UNTIL ALL WORK IS FINISHED AND READY FOR BACKFILLING 3/8" STONE FOR PE OR PVC PIPE



Consulting Engineers, Inc.

18016-12-DETAILS STORM.dwg Layout1 1/24/2020 14:34:35

SIDEWALK

12" DRAINAGE LAYER

COMPOSED OF 3" - 6"

STONE

BACKFILL WITH APPROVED EXCAVATED MATERIAL

THOROUGHLY COMPACTED

THE SIDES OF TRENCHES

ENTERED BY PERSONNEL

SHALL BE SHEETED OR

SLOPED TO THE ANGLE

APPROVED ROCK FREE

BACKFILL THOROUGHLY

COMPACTED IN 6"

LIFTS (NO STONES

LARGER THAN 1 1/2"

UNDISTURBED SOIL

4 FT. OR MORE IN DEPTH

IN 6" LIFTS

UNDERDRAIN

_TRENCH

ROADWAY

ROCK SANDWICH CROSS-SECTION

