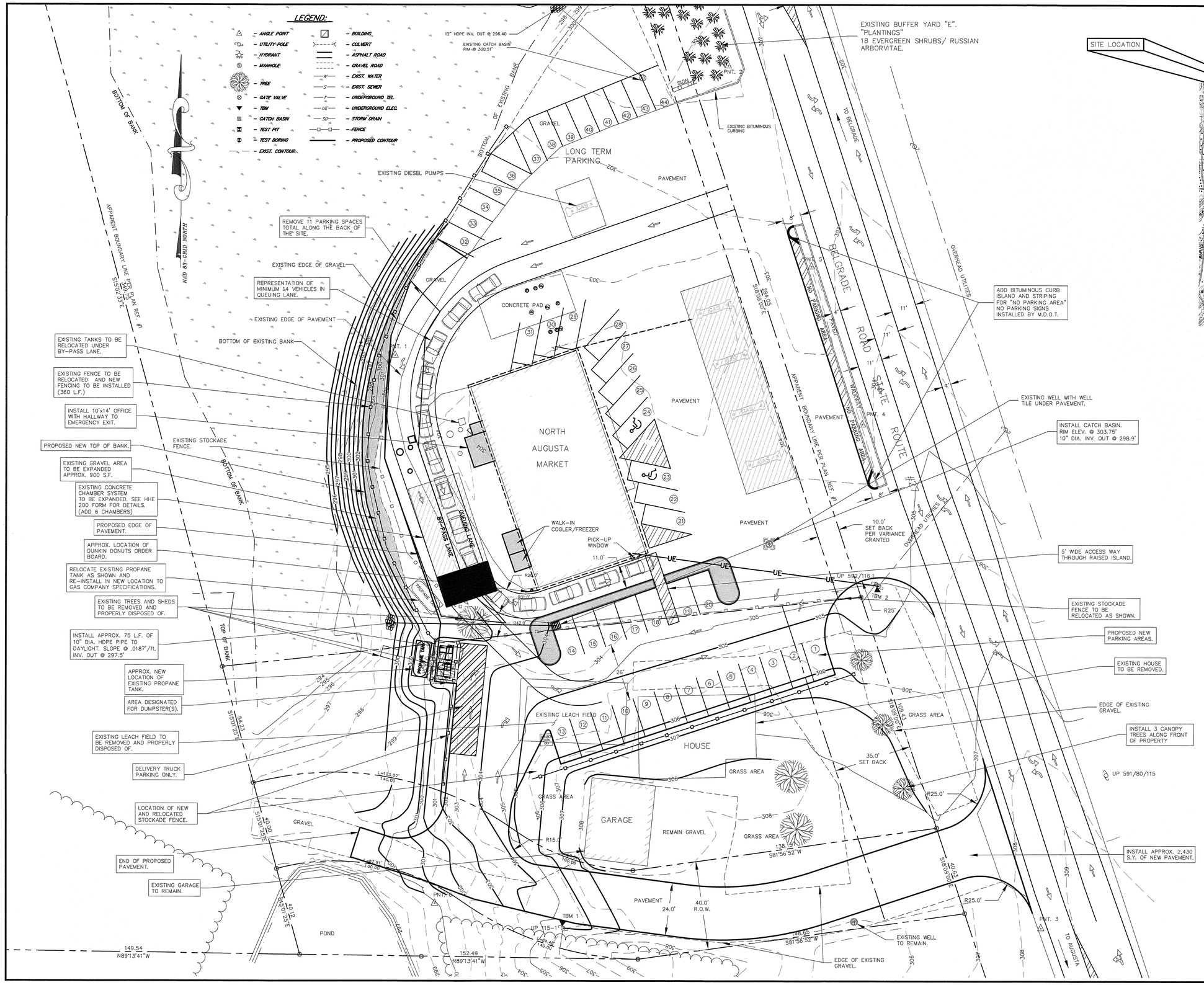
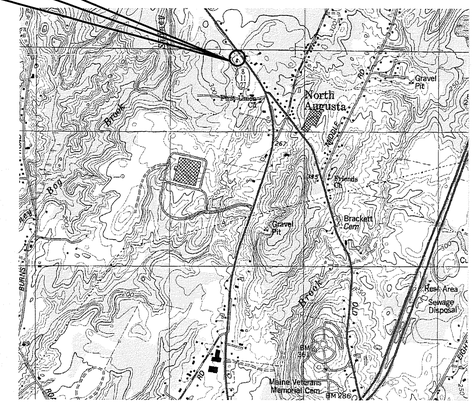
CONTROL	DESCRIPTION	ELEV.
1	P-K In UP 115-1	307.61'
2	P-K In UP 592/116.1	306.04'



SITE LOCATION



LOCUS MAP

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

GENERAL NOTES

1. PROPERTY SURVEY INFORMATION DONE BY ROWE AND WENDELL SURVEYORS, 179 MAIN ST., WATERVILLE, MAINE. PHONE: 207-873-5808

2. TOPOGRAPHICAL SURVEY DONE BY A.E. HODSDON ENGINEERS. 10 COMMON ST., WATERVILLE, MAINE. PHONE: 207-873-5164

3. PLAN REFERENCES: "PLAN OF STANDARD BOUNDARY SURVEY JAY A. & DEBRA A AINSLIE" DATED FEBRUARY 1994, BY THAYER ENGINEERING, RECORDED: E2000/048

4. ELEVATION DATUM: ELEVATIONS SHOWN ARE BASED UPON "ME ORIAL RM 2" FROM NGS DATA SHEET PID1353 NAVD 88 ELEVATION ELEV. 355.16' TRANSFERRED TO SITE BY GPS RTK METHODS.

5. OWNER: WK ENTERPRISES, INC. 670 CIVIC CENTER DRIVE, AUGUSTA, MAINE 04330

6. ZONING DESIGNATION: RURAL VILLAGE DISTRICT

7. PROPOSED USAGE: CONVENIENCE STORE, RESTAURANT & GAS STATION

8. ALL SITE LIGHTING SHALL BE FULL CUTOFF FIXTURES MOUNTED TO BUILDING.

No.	Revisions	Date	App'd.
2	REVISED PER STAFF COMMENTS 12/29/15	1/4/16	AEH
1	REVISED NEW PARKING AREA	12/22/15	AEH

NORTH AUGUSTA MARKET W/ DUNKIN DONUTS

670 CIVIC CENTER DRIVE — AUGUSTA, MAINE

SITE PLAN

STATE OF MAINE — ALBERT E. HODSDON III — No. 2026 — LICENSED PROFESSIONAL ENGINEER

PRELIMINARY WITHOUT ORIGINAL SIGNATURE AND SEAL

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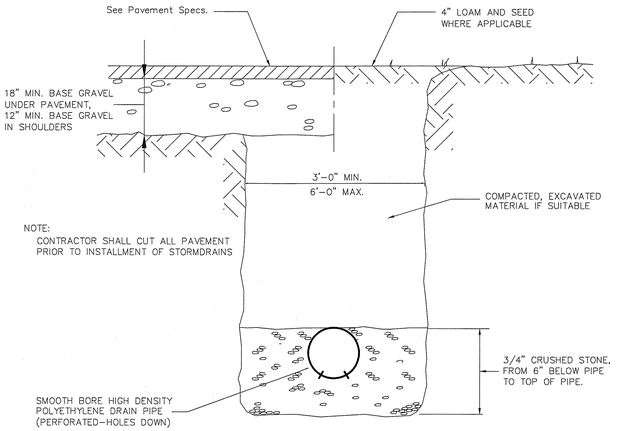
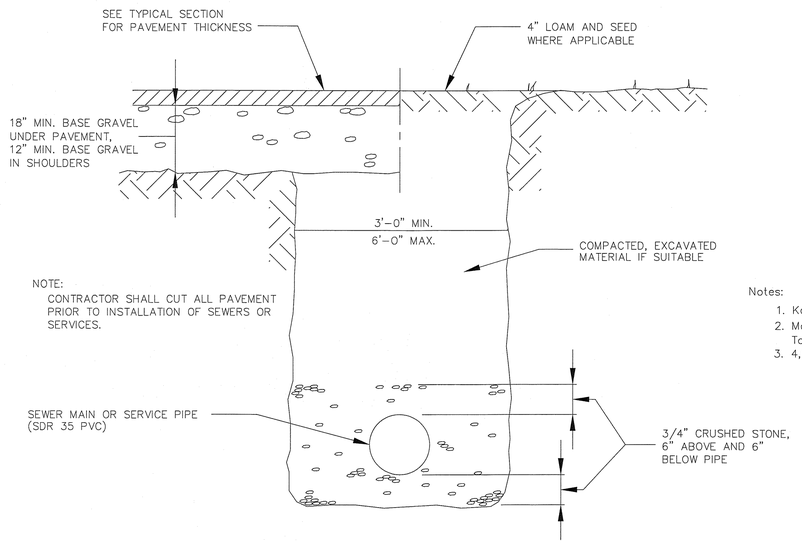
10 Common St. Waterville, Me. 04901 (207) 873-5164

Drawn By: BB	Scale: 1" = 20'-0"	Sheet No.	1
Checked By: MEM.	Date: 12/15/15		
Approved By: AEH	Date: 12/15/15		
29-15-AUGUSTA-DD-4	Project No. 29-15-AUGUSTA-DD	Of	3



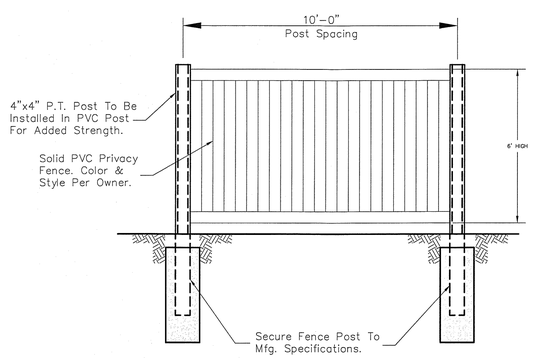
Typical HDPE Pipe Trench Detail

Not To Scale



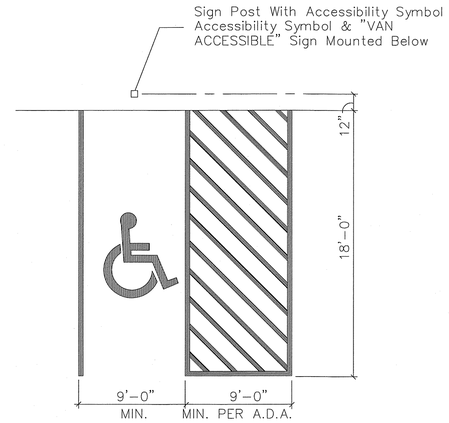
Typical PVC Pipe Trench Detail

Not To Scale



Typical Fence Detail

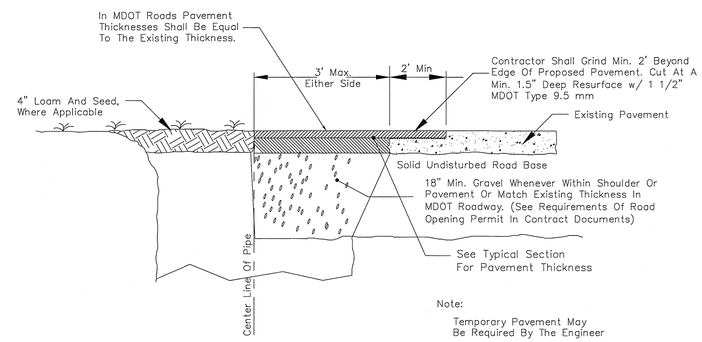
Not To Scale



NOTE:
Parking Area In Handicap Area Shall Not Exceed 2% In Any Direction.

Handicap Parking Detail

Not To Scale

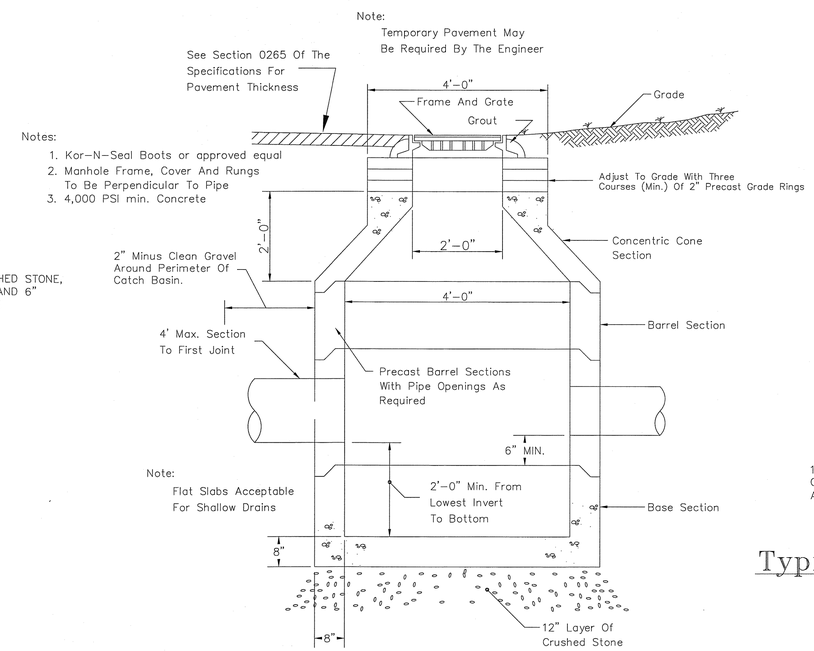


Typical Pavement Tie-In Detail

Not To Scale

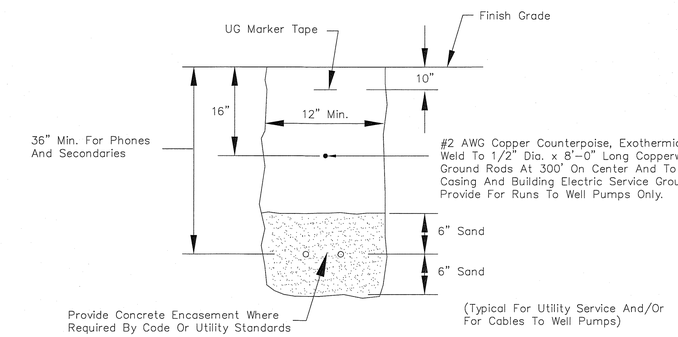
Notes: 1. The Final Saw Cutting Of Pavement Shall Be Performed After Backfilling And Compaction To The Top Of The Existing Gravel Base Is Complete. After Saw Cutting And Removing The Additional Two Feet Of Pavement The Entire Exposed Gravel Layer Shall Be Again Compacted, Including The Undisturbed Gravel Portion, Prior To Paving

2. During Excavation, Seperate The Existing Grave Layer From The Common Excavation Below. Reuse Original Excavated Materials During Backfilling In The Same Order as Removed, If Suitable.



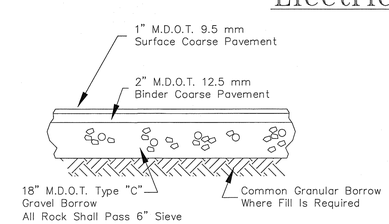
Typical Precast Catch Basin Detail

Not To Scale



Electrical Ditch Detail

Not To Scale



Typical Paved Area Section

Not To Scale

No.	Revisions	Date	App'd.

NORTH AUGUSTA MARKET
W/ DUNKIN DONUTS

670 CIVIC CENTER DRIVE — AUGUSTA, MAINE

SITE DETAILS

STATE OF MAINE — ALBERT E. HODSDON III — 2223 — LICENSED — PROFESSIONAL ENGINEER

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Checked By: M.E.M.	Date: 12/15/15	2	
Approved By: A.E.H.	Date:		
29-15-AUGUSTA-DD-3	Project No. 29-15-AUGUSTA-DD	Of	3

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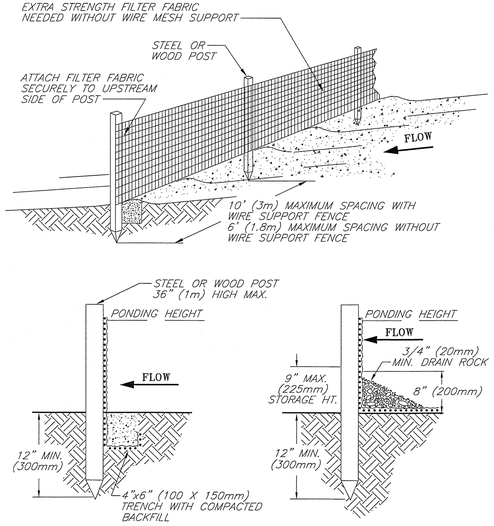


TRENCH DETAIL

INSTALLATION WITHOUT TRENCHING

NOTES:

1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.

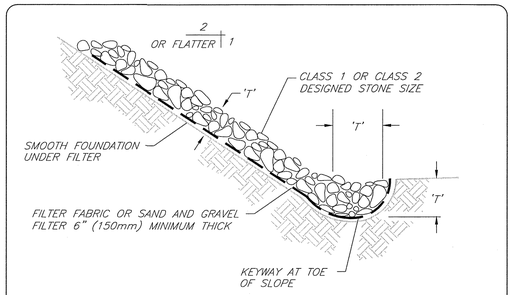
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

NOT TO SCALE

SILT FENCE

© 1994 JOHN McCULLAH

FILE: SILTFENC

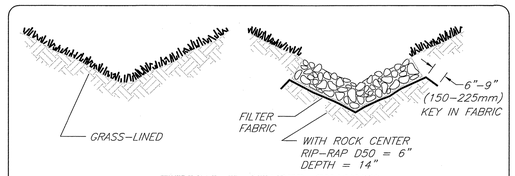


TYPICAL SECTION

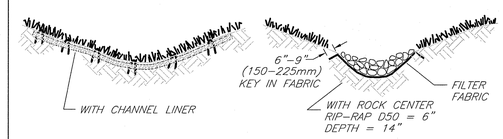
NOTE:
'T' = THICKNESS: THICKNESS SHALL BE DETERMINED BY THE ENGINEER.

MINIMUM THICKNESS SHALL BE 1.5x THE MAXIMUM STONE DIAMETER, NEVER LESS THAN 6" (150mm).

RIPRAP PROTECTION

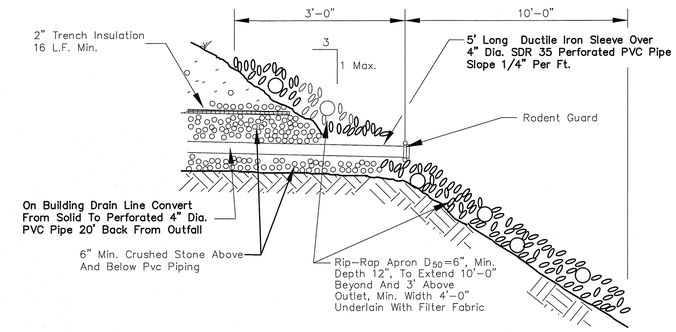


TYPICAL V-SHAPED CHANNEL CROSS-SECTION



TYPICAL PARABOLIC CHANNEL CROSS-SECTION

GRASS-LINED CHANNEL TYPICAL CROSS SECTIONS



Daylight Detail

Not To Scale

Erosion Control Notes

1. Install silt fence as shown on the drawings and at the limit of clearing for all site work and above all water courses to protect against erosion from construction. Install along contour with guidelines provided in latest edition of MDEP BMP manual and in accordance with details. Maintain silt fence until disturbed areas have established vegetative cover.

2. Construct a construction entrance at the intersection of the project entrance and the Town Road to limit the amount of vehicle tracking from the site during construction.

3. Prior to construction the contractor shall prepare and submit a schedule and marked up plan indicating the progress of the work and the timing for stabilizing disturbed areas. Special attention shall be given to the 14-day limit between disturbance and stabilization.

4. All disturbed areas shall be stabilized or provided with temporary erosion control within 14-days of disturbance. During winter conditions, all disturbed areas shall be stabilized with 7-days of disturbance.

5. All disturbed areas within 100 feet of any protected water course shall be stabilized or provided with temporary erosion control within 48-hours of disturbance.

6. Temporary erosion control shall include erosion control blankets or mulch. Apply hay or straw mulch at a rate of 2 square bales per 1,000 sq. ft. to form a continuous cover over bare soil. Maintain mulch cover by wetting or placing netting over mulch.

7. Erosion control blanket shall be used in all ditches and on disturbed slopes in excess of 15% grade.

8. All disturbed areas that do not receive final seeding by September 15th of the construction year shall receive a winter rye seeding at the rate of 3 lbs. per 1,000 sq. ft. A heavy layer (4") of hay or straw mulch shall also be applied.

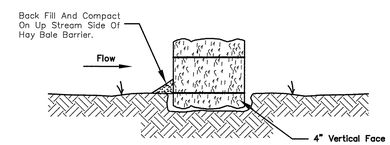
9. All disturbed areas shall receive 4" of loam. The loam shall be seeded, fertilized and mulched at the rates shown in the notes.

10. All erosion control devices, check dams, silt fence, etc, shall remain in place and be maintained until grass has become 85% established.

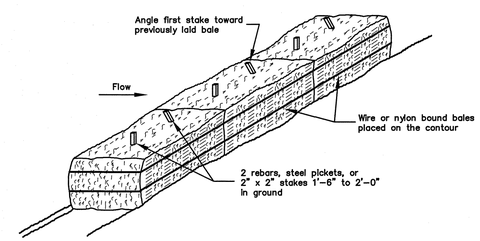
11. Additional erosion control may be required by the municipality and/or the Maine DEP to stop soil from leaving the site. Any additional erosion control required will be the responsibility of the contractor.

12. The contractor shall inspect and repair all erosion control measures after each rainfall and shall keep a log of these events.

13. The contractor shall repair and re-seed all eroded areas within 1-year of the date of substantial completion of the work. Repair work shall be completed within 14-days of notification.



EMBEDDING DETAIL



ANCHORING DETAIL

All Disturbed Areas To Be Revegetated As Follows:

Hay Mulch	2 Bales/1000 sq. ft.
Ground Limestone	138 lb./1000 sq. ft.
Fertilizer 10-20-20	18.4 lb./1000 sq. ft.
SEED MIX	
Creeping Red Fescue	0.46 lb./1000 sq. ft.
Red Top	0.05 lb./1000 sq. ft.
Tall Fescue	0.46 lb./1000 sq. ft.

EMBANKMENT SEEDING MIXTURE

Species	Varieties	Lb. Per Acre
Flatpea	Lathco	10.0
Perennial Pea	Lancer	2.0
Crownvetch	Penngift, Chemug	10.0
Tall Fescue	Ky-31, Rebel, Ken-Hi	10.0

STABILIZATION NOTES:

Waterways Shall Be Stabilized In Accordance With The Appropriate Standard And Specification For Vegetative Measures.

1. All Trees, Brush, Stumps, Obstructions And Other Objectionable Material Shall Be Removed And Disposed Of So As Not To Interfere With The Proper Functioning Of The Waterway.
2. The Waterway Shall Be Excavated Or Shaped To Line, Grade, And Cross Section As Required To Meet The Criteria Specified Herein, And Be Free Of Bank Projections Or Other Irregularities Which Will Impede Normal Flow.
3. Fills Shall Be Compacted As Needed To Prevent Unequal Settlement That Would Cause Damage In The Completed Waterway.
4. All Earth removed and Not Needed In Construction Shall Be Spread Or Disposed Of So That It Will Not Interfere With The Functioning Of The Waterway.
5. Construction Operations Shall Be Carried Out In Such A Manner That Erosion And Air and Water Pollution Will Be Minimized. State and Local Laws Will Be Complied With.
6. Stabilization Shall Be Done According To The Appropriate Standard And Specifications For Vegetative Practices.

CONSTRUCTION SPECIFICATIONS

1. Bales shall be Placed in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a minimum of 4"
3. Bales shall be securely anchored in place by stakes or rebars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
4. Inspection shall be frequent and repair or replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

Straw Or Hay Bale Barrier Detail

Not To Scale

No.	Revisions	Date	App'd.

NORTH AUGUSTA MARKET
W/ DUNKIN DONUTS

670 CIVIC CENTER DRIVE — AUGUSTA, MAINE

EROSION CONTROL DETAILS

STATE OF MAINE — ALBERT E. HODSDON, III — No. 12626 — LICENSED PROFESSIONAL ENGINEER

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29-15-AUGUSTA-DD-3		Project No. 29-15-AUGUSTA-DD	

Sheet No. 3 Of 3

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