

Figure PS-3 Seed Mixtures for Permanent Seeding Lbs/Acre | Lbs/1,000 Sq. Ft. Seed Mixture (Variety) 4 Kentucky Bluegrass Creeping Red Fescue (Pennlawn, Wintergreen) Perennial Ryegrass (Norlea, Manhatten) 1.00 Total 45 Creeping Red Fescue (Pennlawn, Wintergreen) Redtop (streeking, Common) Tall Fescue (Kentucky 31) or Smooth Bromegrass (Saratoga, Lincoln) Creeping Red Fescue (Pennlawn, Wintergreen) Bird's-foot Trefoil (Empire, Viking) with inoculant Tall Fescue (Kentucky 31) or Smooth Bromegrass (Saratoga, Lincoln) 1,10 Creeping Red Fescue (Pennlawn, Wintergreen) or Tall Fescue (Kentucky 31 Redtop (Streeker, Common) Bird's—foot Trefoil (Empire, Viking) with inoculant¹ Total 30 55 White Clover Perennial Rye Grass Total 12 .30 Creeping Red Fescue Redtop (streeker, Common) Perennial Rye Grass 1.05 Total 42 Smooth Bromegrass (Saratoga, Lincoln) Perennoai Ryegass (Noriea, Manhatten) Bird's-foot Trefoil (Empire, Viking) with inoculant¹ Total 30 g⁶ | Switchgrass (Blackwell, Shelter, Cave-in-rock) Weeping Lovegrass Little Bluestern (Blaze, Aldous, Camper) .57 Total 23 Creeping Red Fescue (Penniawn, Wintergreen) Crown Vetch (Chemung, Penngift) with inoculant (or Flatpea (Lathco) with inoculant¹) Tall Fescue (Kentucky 31) or Smooth Bromegrass (Saratoga, Lincoln) (.75) 35 Redtop (streeker, Common) otal 42 (or 57 1.00 (or 1.40) 10⁵ Creeping Red Fescue (Pennlawn, Wintergreen) Redtop (streeker, Common) Crown Vetch (Chemung, Penngift) with inoculant (or Flatpea (Lathco) with inoculant) (.75) Total 37 (or 52) .85 (or 1.25) 115 Bird's-foot Trefoil (Empire, Viking) with inocutant 1 Crown Vetch (Chernung, Penngift) with inoculant 1 Creeping Red Fescue (Pennlawn, Wintergreen) or Tall Fescue (Kentucky 3 Switchgrass (Blackwell, Shelter, Cave-in-rock) Perennial Ryegrass (Norlea, Manhatten) Crown Vetch (Chemung, Penngift) with inoculant 1.05 Total 45 Not used Tali Fescue (Kentucky 31) Flatpea (Lathco) with inoculant 1.20 Total 50 Not used Chewing Fescue Hard Fescue Colonial Bentgrass Bird's—foot Trefoil (Empire, Viking) Perennial Rygrass 2.3 Total 100 1.35 Total 60 Creeping Red Fescue (Pennlawn, Wintergreen) Creeping Red Fescue (Pennlawn, Wintergreen) Tall Fescue (Kentucky 31) 1.35 Total 60 23⁵ Creeping Red Fescue (Pennlawn, Wintergreen)

 $^{
m 1}$ Use proper inoculant for legume seeds, use four times recommended rate when hydroseeding. ²Use Pure Live Seed (PLS) = <u>% Germination X % Purity</u>

175 to 250

3.60

6 to 8

EXAMPLE: Common Bermuda seed with 70% germination and 80% purity= 17.9 lbs/acre of bagged seed 10 lbs PLS/acre

Flatpea (Lathco) with inoculant 1

Turf Type Tall Fescue (Bonanza, Mustang, Rebel II, Spartan, Jaguar) or Perennial Rye ("Future 2000" mix, Fiesta II, Blazer II, and Dasher II)

⁴ Wild flower mix containing New England Aster, Baby's Breath, Black Eye Susan, Catchfly, Dwarf Columbine, Purple Conflower, Lance-leaved Coreopsis, Cornflower, Ox-eye Daisy, Dame's Rocket, Scarlet Flax, Foxglove, Gayfeather, Rocky Larkspur, Spanish Larkspur, Corn Poppy, Spurred Snapdragon, Wallflower and/or Yarrow may be added to any seed mix given. Most seed suppliers carry a wild flower mixture that is suitable for the Northeast and contains a variety of both annual and perennial flowers. Seeding rates for the specific mixtures should be followed.

⁵Considered to be a cool season mix. ⁶Considered to be a warm season mix.

Figure PS-2 Selecting Seed Mix to Match Need

Amon To Do Souded	Mixtur	Number ¹
Area To Be Seeded	Mowing Desired	5,6,7,8,9,10,11 12,16, 22 5,6 5,6,11 9,10,11,12
BORROW AREAS, ROADSIDE, DIKES, LEVEES, POND BANKS AND OTHER SLOPES AND BANKS A) Well or excessively drained soils 2 B) Somewhat poorly drained soils 2 C) Variable drainage soils 2	1,2,3,4,5, or 8 2 2	12,16, 22 5,6
DRAINAGE DITCH AND CHANNEL BANKS A) Well or excessively drained soil ² B) Somewhat poorly drained soils ² C) Variable drainage soils ²	1,2,3 or 4 2 2	9,10,11,12
DIVERSIONS A) Well or excessively drained soil ² B) Somewhat poorly drained soils ² C) Variable drainage soils ²	2,3 or 4 2 2	9,10,11
GULLIED AND ERODED AREAS		3,4,5,8,10,11,12
SOD WATERWAYS AND SPILLWAYS	1,2,3,4,6,7, or 8	1,2,3,4,6,7, or 8
SUNNY RECREATION AREAS (Picnic areas and playgrounds or driving and archery ranges, nature trails)	1,2, or <i>23</i>	
LAWNS AND HIGH MAINTENANCE AREAS	1,19, <i>21</i> or <i>29</i>	

1 The numbers following in these columns refer to seed mixtures in Figure PS-3. Mixes for shady areas are in **bold-litalics** print (including mixes 20 through 24) 2 See county soil survey for drainage class. Soil surveys are available from the County Soil and Water

3Use mix 26 when soil passing a 200 mesh sieve is less than 15% of total weight. Use mix 26 & 27 when passing a 200 mesh sieve is between 15 and 20% of total weight. Use mix 26, 27 & 28 when soil passing a 200 mesh is above 20% of total weight.

Temporary Seeding Rates and Dates Optimum Seeding Dates 3/15 4/15 5/15 6/15 7/15 8/15 9/15 10/1 Characteristics 5/1 4/1 5/1 6/1 7/1 8/1 9/1 10/1 May be added in mixes. Will mow out of most stands Annual ryegrass
Lolium muftiflorum 40 1.0 0.5 Use for winter cover. Tolerates cold 40 1.0 0.5 Perennial ryegrass and low moisture. Lolium perenne Winter rye Secale cereale In northern CT. will winter kill with the first killing frost and may through Avena sativa out the state in severe winters. 120 3.0 1.0 Quick germination with moderate Winter Wheat Triticum aestivum Millet Warm season small grain. Dies with frost in September. Echinochloa crusgo Tolerates warm temperatures and 30 0.7 1.0 Sudangrass droughty conditions. Sorphum sudanense Hardy plant that will reseed itself and 15 0.4 1.0 Sudangrass is good as a green manure crop. Warm-season perennial. May bunch. Weeping Lovegrass | 5 | 0.2 | 0.25 | Eragostis curbula soils. Excellent nurse crop. Usually DOT All Purpose Mix 150 3.4 0.5 Suitable for all conditions.

May be planted throughout summer if soil moisture is adequate or can be irrigated. Fall seeding may be extended 15 days in the coastal towns.

2 Seed at twice the indicated depth for sandy soils.

³ See Permanent Seeding Figure PS-3 for seeding mixture requirements. 4 Listed species may be used in combinations to be obtain a broader time spectrum. If used in combinations, reduce each species planting rate by 20% of that listed.

ALL SEEDED AREAS SHALL BE WATERED UNTIL AREAS ARE FULLY STABILIZED. RE-SEED, RE-MULCH AND CONTINUE TO WATER UNDERDEVELOPED AREAS AS NECESSARY.

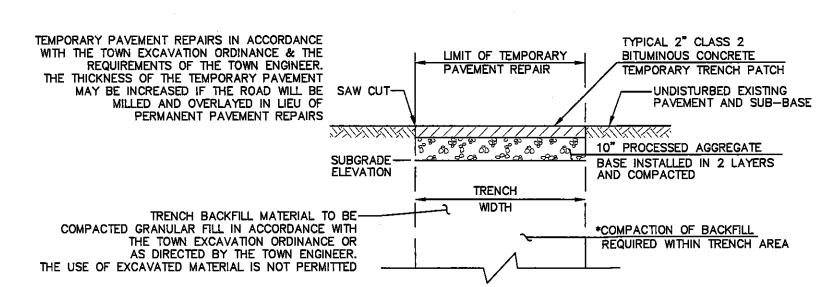
CONSTRUCTION SEQUENCE

- Contact the Town of Wallingford at least 48 hours prior to commencement of construction activities.
 Demolish existing building and remove existing surfaces that are not part of the proposed site

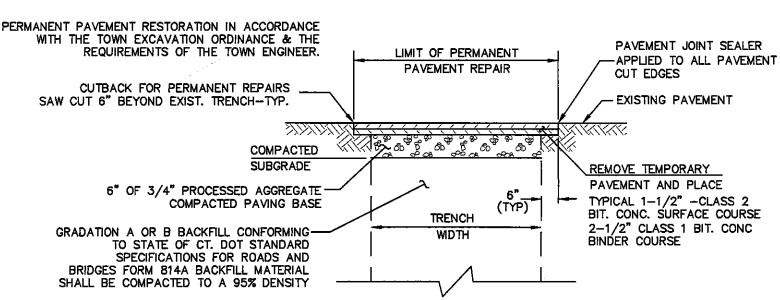
Demoish existing building and remove existing surfaces that are not part of the proposed site improvements.
 Stockpile topsoil for re-use in final landscaping.
 Begin construction of proposed building.
 Existing utilities to be utilized for the proposed building unless found by the contractor to need replacement or as required by the Town of Wallingford.
 Install concrete sidewalks for access to proposed building.
 Place topsoil, seed, fertilizer and mulch in accordance with the permanent seeding schedule on all disturbed areas.

CONSTRUCTION TIME SCHEDULE

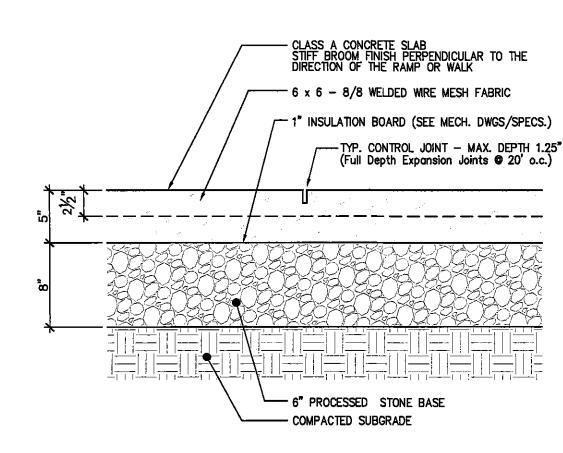
1. This construction sequence is provided as a guide for the contractor and applicant. The engineer has no control over the contractors construction schedule or the availability of products or materials for the completion of the proposed work. Total construction time for the construction of the building and associated site work is approximately 6 months. Start construction as soon as possible (Summer 2020).



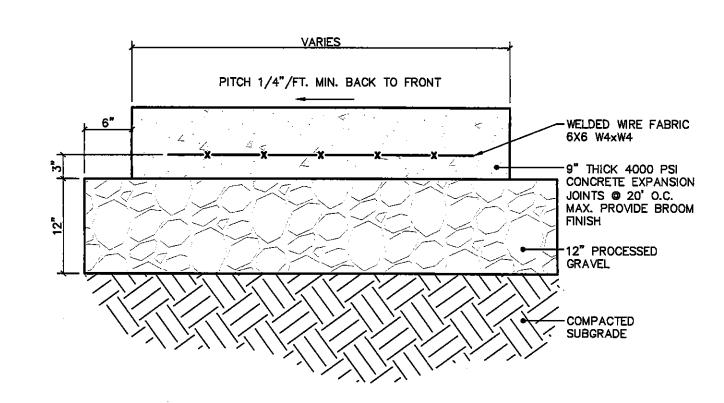
TEMPORARY PAVEMENT REPAIR DETAIL



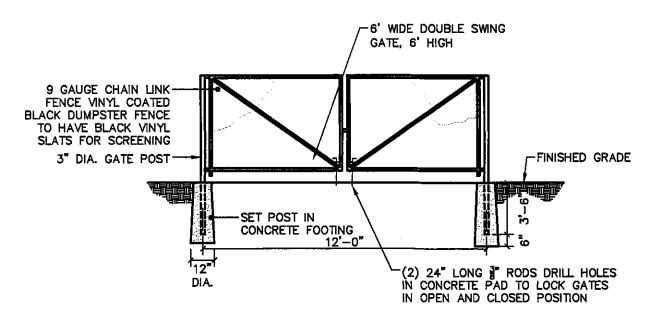
PERMANENT PAVEMENT REPAIR DETAIL



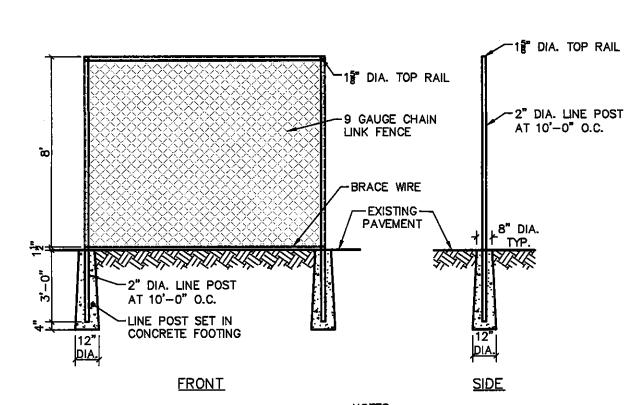
CONCRETE SIDEWALK DETAIL N.T.S.



CONCRETE DUMPSTER PAD DETAIL



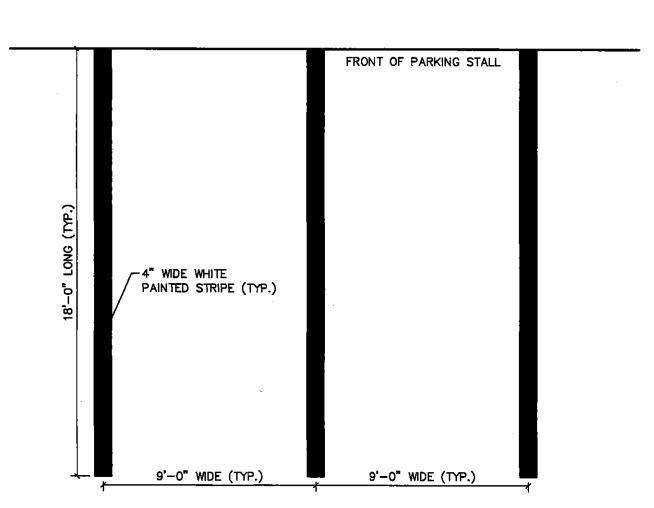
DUMPSTER ENCLOSURE GATE DETAIL N.T.S.



1. FENCE DETAILS AREA INTENDED AS A GUIDE ONLY.

2. ALL FENCE MATERIALS AND CONSTRUCTION METHODS SHALL BE APPROVED BY THE ENGINEER AND FENCE MANUFACTURER.

DUMPSTER ENCLOSURE FENCE DETAIL N.T.S.



PARKING SPACE STRIPE DETAIL



				LRC GROUP	
Description				 Land Planning Civil Engineering Environmental Services Land Surveying Landscape Architecture 	
		ļ 	160 West Street, Suite E Cromwell, CT 06416 Tel: 860.635.2877		
				85 Civic Center Plaza, Suite 103 Poughkeepsie NY 12601 Tel: 845,243.2880	
Date				1 International Blvd, Suite 400 Mahwah, NJ 07495 Tel: 908.603.5730	L

LRC Engineering & Surveying, LLC LRC Environmental Services, Inc.

CONSTRUCTION DETAILS

LAND OF DINATALE REALTY, LLC #382 - #384 Center Street

#8 & #10 Wallace Avenue Town of Wallingford New Haven County, Connecticut

RHR CAD File DS141453B.dwg Sheet No. RHR Project No. 14-1453B Checked NDB Date 5/28/20 NDB Scale 1"=10"

N.T.S.