

NOTE: When specifying trench grates, refer to "CHOOSING THE PROPER INLET GRATE" on pages 108-109. For FREE OPEN AREAS OF Neenah Grates, refer to pages 326-330.

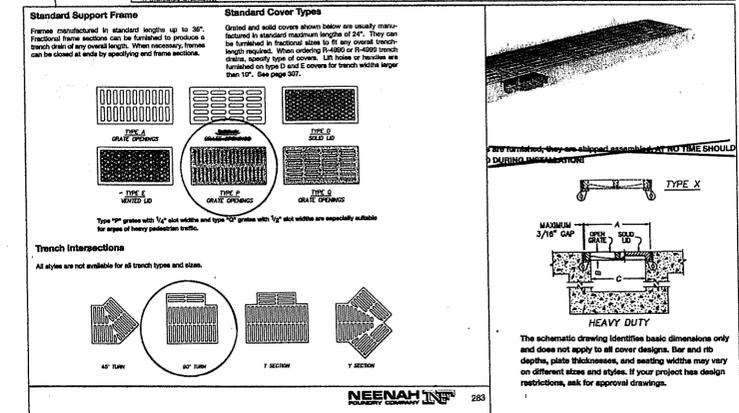
R-490 Series Heavy Duty Trench Grates with Grated or Solid Covers

MATERIALS: All frames and grates are furnished standard in Gray Iron, Class 35, for heavy duty use. For extra heavy duty use, see page 204 for Airport Trenches. Neenah recommends project designers avoid the use of light duty trench installations because it is likely that applications will be subjected to heavy delivery vehicle traffic at some time. Furthermore, the use of a site could be changed to heavy duty use patterns at some unanticipated future date.

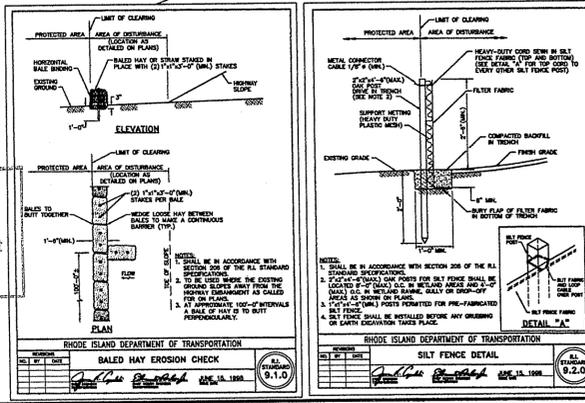
Standard Cover Dimensions		Dimensions in inches									
Grating No.	Grating Size	A	B	C	Type A	Type C	Type D	Type E	Type P	Type Q	Type R
R-490-AX	8 1/2	8	1 1/2	8	X	X	X	X	X	X	X
R-490-BX	10 1/2	10	1 1/2	10	X	X	X	X	X	X	X
R-490-CX	12 1/2	12	1 1/2	12	X	X	X	X	X	X	X
R-490-DX	14 1/2	14	1 1/2	14	X	X	X	X	X	X	X
R-490-EX	17 1/2	17	1 1/2	17	X	X	X	X	X	X	X
R-490-FX	20 1/2	20	1 1/2	20	X	X	X	X	X	X	X
R-490-GX	23 1/2	23	1 1/2	23	X	X	X	X	X	X	X
R-490-HX	26 1/2	26	1 1/2	26	X	X	X	X	X	X	X
R-490-IX	30 1/2	30	2	27	X	X	X	X	X	X	X
R-490-JX	33 1/2	33	2	30	X	X	X	X	X	X	X
R-490-KX	36 1/2	36	2	33	X	X	X	X	X	X	X
R-490-LX	39 1/2	39	2	36	X	X	X	X	X	X	X
R-490-MX	42 1/2	42	2	42	X	X	X	X	X	X	X
R-490-NX	45 1/2	45	2	48	X	X	X	X	X	X	X

Illustrating heavy duty trench frames and Type A grates to drain loading ramp. Trench castings such as these are being used successfully in roadway construction, interlocking elevated highways and underpasses, airport hangar doors, ramps and other special purposes.

Note: Rib depths on larger span trench grates and covers exceed the noted "R" dimension—please contact Neenah for detail drawings.



- GENERAL NOTES**
- Contractor shall obtain a copy of the RI DEM Wetlands Permit and be familiar with additional conditions.
 - Silt Fencing or Haybale Checkdams shown on the plan are to be installed prior to any site activity and shall remain in place and be maintained until all activities are completed, inspections performed, and vegetation established.
 - The Silt Fencing / Haybale line shall be the limit of construction activity.
 - Any substantial silt accumulation against the haybales / silt fence is to be removed by hand labor.
 - All construction litter and debris is to be removed from the vicinity of the silt fence / haybale line daily.
 - No refueling of vehicles within 50' of the Wetlands.
 - Dig-Safe notification is required prior to any excavation. Heavy Duty (H2O loading) grates and frames shall utilize NEENAH (or approved equivalent) type "P" (1/4" slot widths) grates suitable for pedestrian use. Trench drain structure shall be matching NEENAH heavy duty cast iron assembly or concrete assembly formed and poured in compliance with NEENAH trench drain concrete structure installation requirements.



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SITE PLAN FOR WETLANDS PERMIT
PREPARED FOR
FRIENDS OF LITTLE COMPTON NURSING
ASSESSOR'S PLAT 29 LOT 30-3
115 EAST MAIN ROAD
LITTLE COMPTON, RHODE ISLAND

SCALE: 1" = 10' DATE: AUGUST 13, 2014

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REVISIONS:
SHEET 1 OF 1 JOB#: 14-033