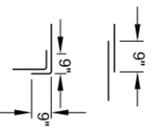
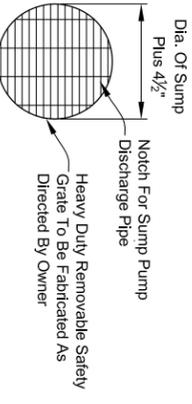


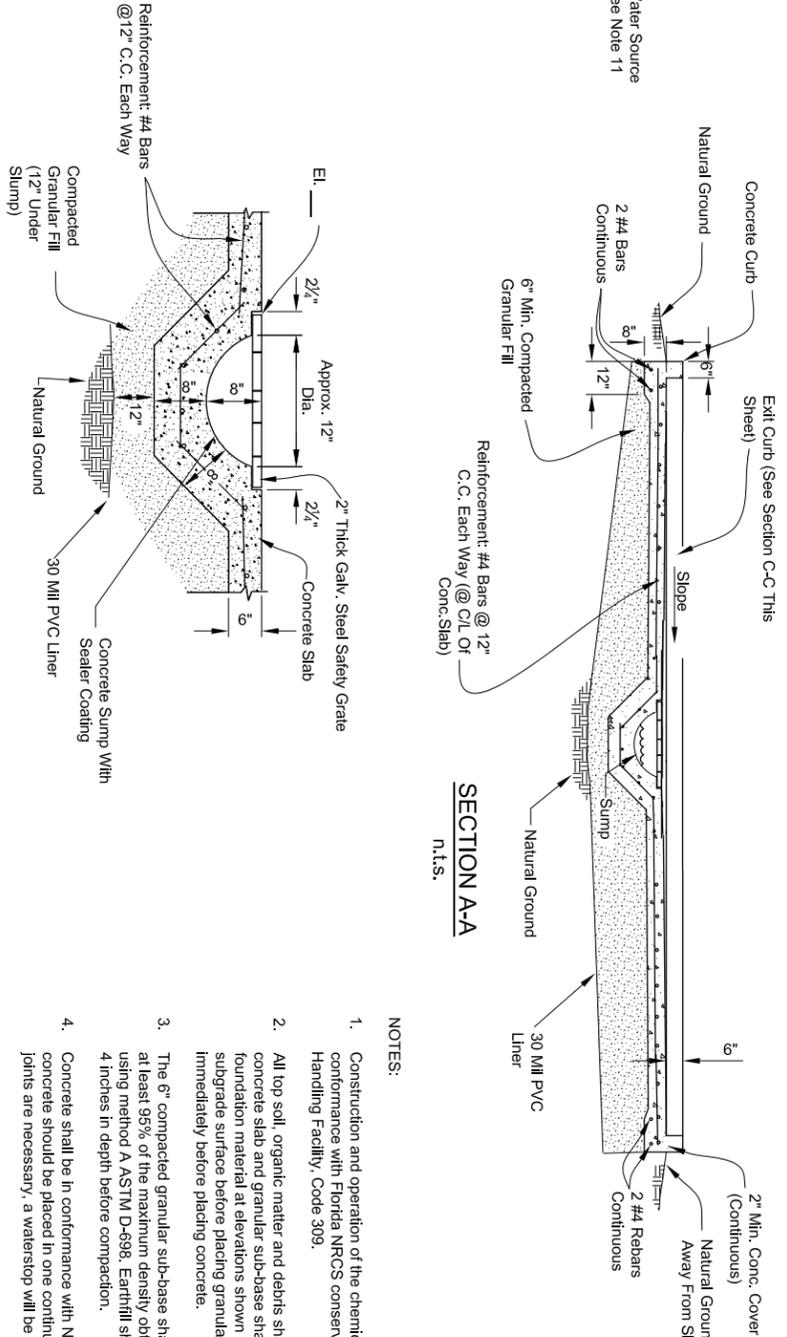
PLAN VIEW
n.t.s.



REINFORCEMENT SPLICE DETAIL
n.t.s.

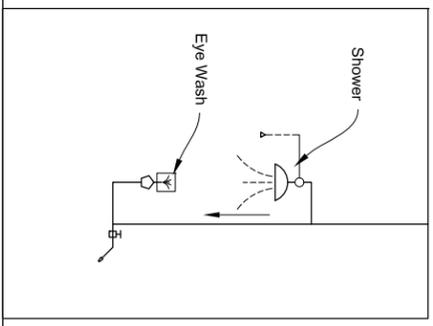


SUMP SAFETY GRATE
n.t.s.

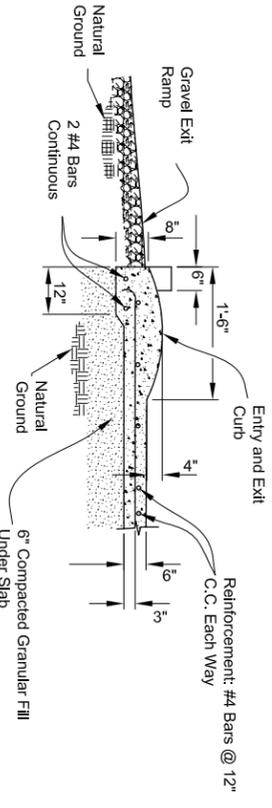


SECTION AA
n.t.s.

SECTION B-B
n.t.s.
(Pump not Shown)



EMERGENCY SHOWER/EYE WASH CENTER
n.t.s.



SECTION C-C
n.t.s.

NOTES:

1. Construction and operation of the chemical mixing center shall be in conformance with Florida NRCS conservation practice standard Agricultural Handling Facility, Code 309.
2. All top soil, organic matter and debris shall be removed from the site. The concrete slab and granular sub-base shall be situated on firm uniform foundation material at elevations shown on the drawings. Compact the subgrade surface before placing granular sub-base. Moisten the granular fill immediately before placing concrete.
3. The 6" compacted granular sub-base shall be compacted to a density equal to at least 95% of the maximum density obtained with oven dried granular fill using method A ASTM D-698. Earthfill shall be placed in layers not exceeding 4 inches in depth before compaction.
4. Concrete shall be in conformance with NRCS construction specifications. All concrete should be placed in one continuous placement. Where construction joints are necessary, a waterstop will be installed.
5. Cement shall be Type I or II conforming to ASTM Specification C 150.
6. The concrete shall have a compressive strength equal or exceeding 4000 psi at 28 days, maximum water-cement ratio of 0.45, a slump of 3 ± 1 inches and air content of 5 to 7.5% by volume.
7. The concrete slab shall be wet cured for a minimum of 7 days (14 days when pozzolan is used) or cured using a liquid membrane forming curing compound conforming to (ASTM C309).
8. Provide 3/4" x 45° chamfer on all exposed concrete.
9. The concrete slab shall be protected by a surface applied impervious coating. See Florida NRCS Conservation practice standard Agricultural Handling Facility, code 309.
10. Management of chemicals will be the responsibility of the owner-operator and shall be in accordance with applicable federal, state, and local laws and regulations.
11. Locate water lines and electric lines as required outside of slab/sump area. Final location of water lines, emergency shower/eye wash, faucets, and electric lines shall be as required by owner/operator to facilitate the operation of the chemical mixing center.
12. Electrical service shall meet or exceed the requirements of the latest National Electrical Code. All electrical components used within the facility for the sump pump, lights, duplex outlets, etc shall be water and explosion proof.
13. Backflow prevention devices shall be installed on all ground- water or potable water supplies.
14. All disturbed land surfaces shall be vegetated in accordance with NRCS standards and specifications.

Agrichemical Handling Facility	
Concrete Pad Details	
Standard DWG. No.	FL-309B.dwg
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Date	Revisions	Title
2/11	Approved J.T. Wilson	St. Cont. Eng.

File No.	FL-309B.dwg
Drawing No.	5/7/2013
Sheet	2 of 2



Agrichemical Handling Facility
Concrete Pad Details

Designed	_____	Date	_____
Drawn	_____		
Checked	_____		
Approved	_____		