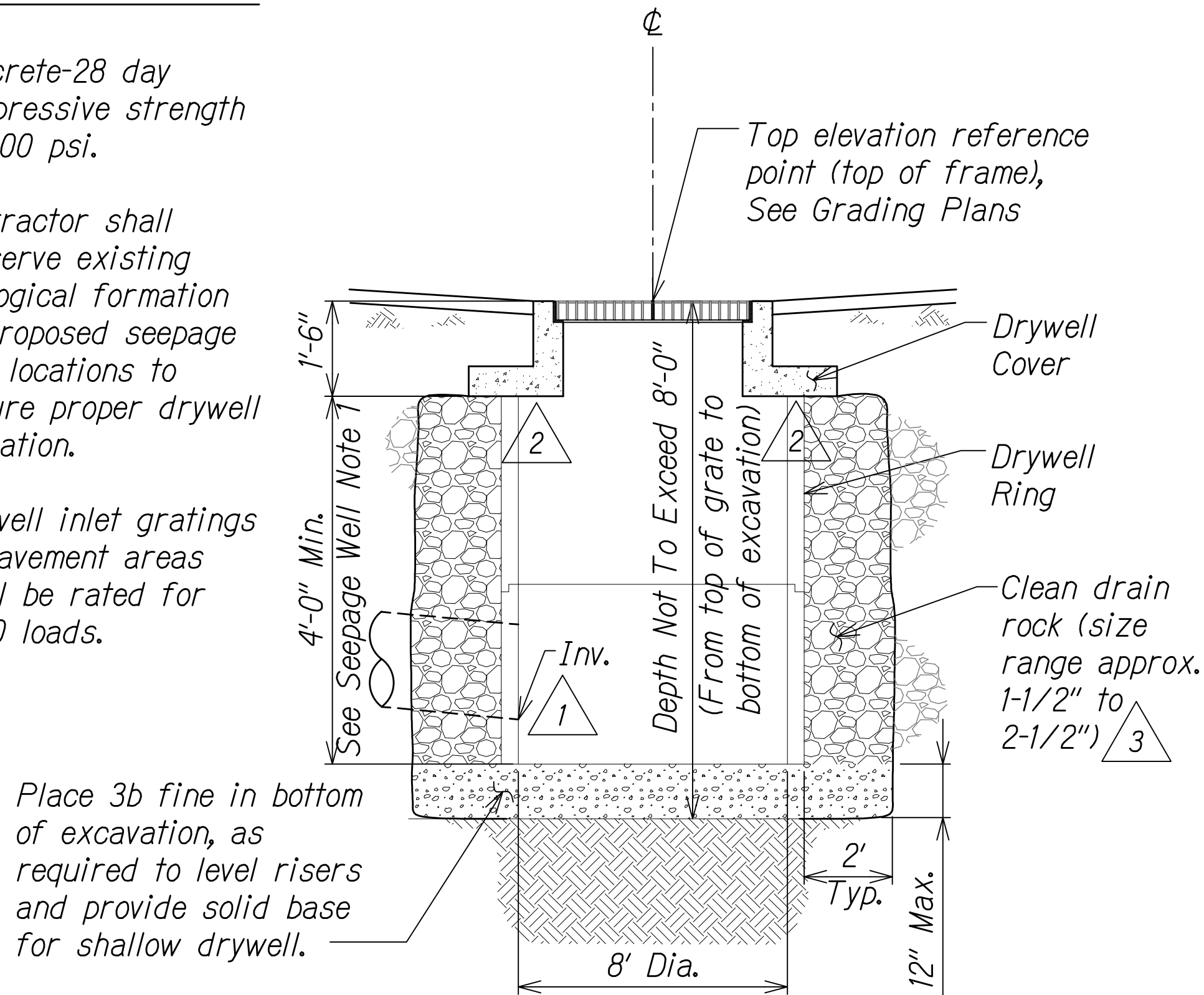


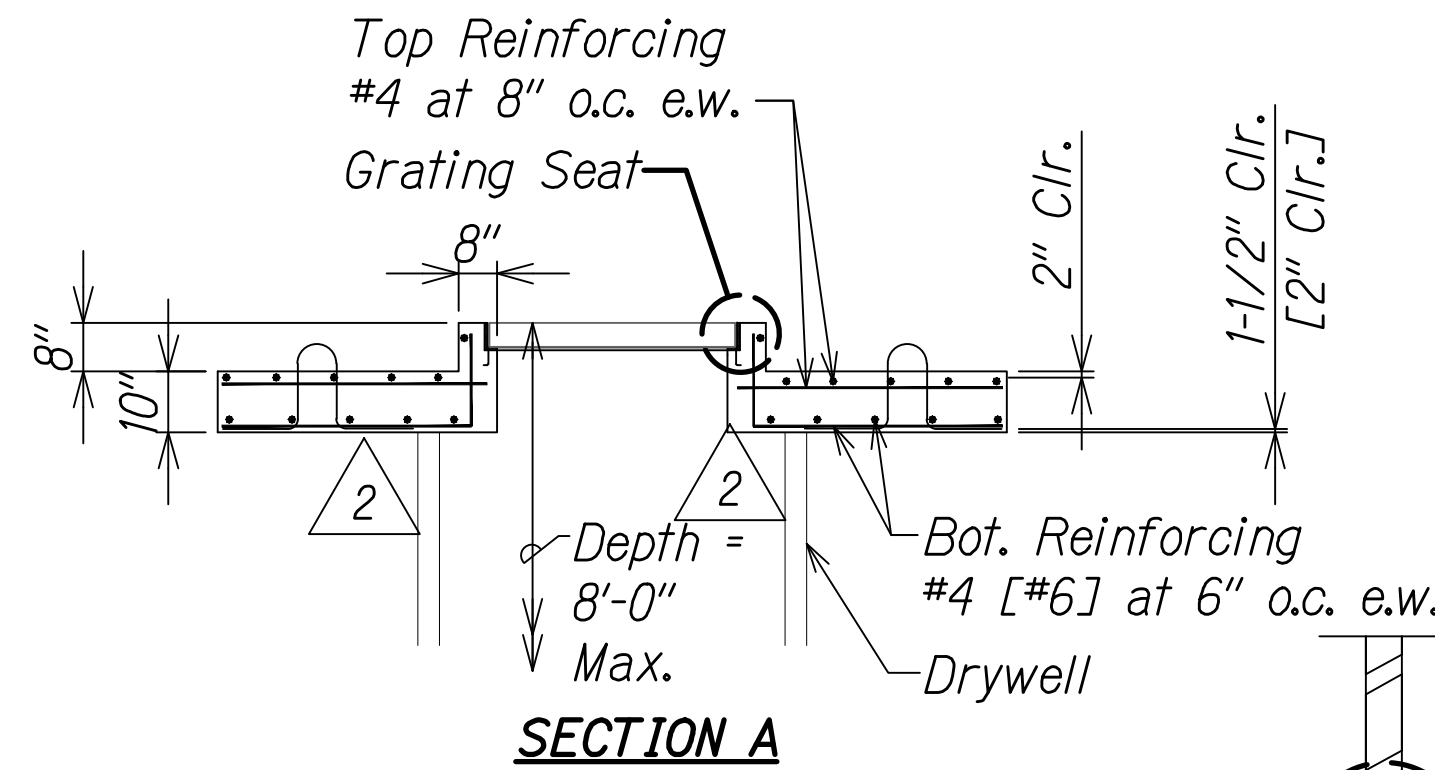
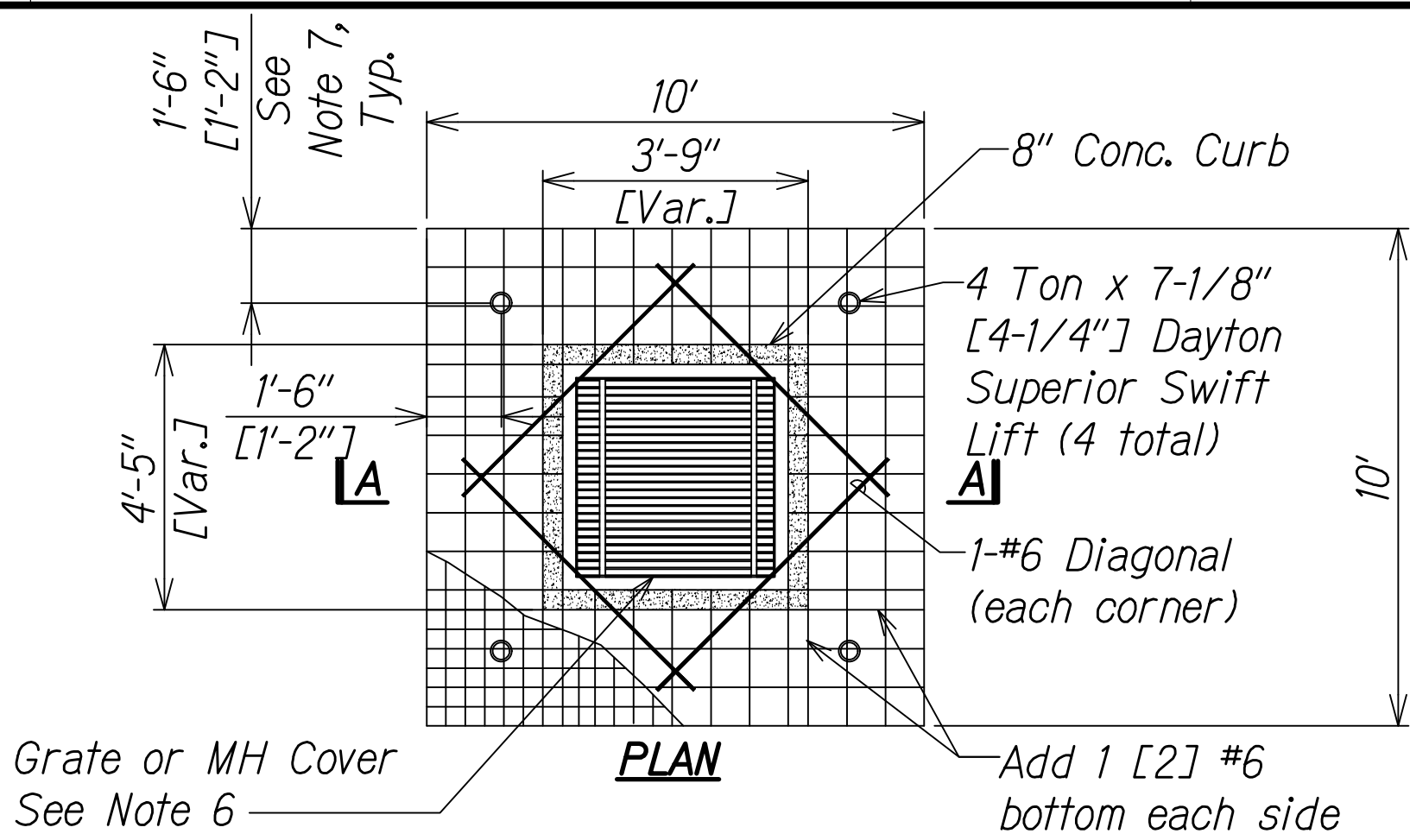
SHALLOW
DRYWELL NOTES:

- Concrete-28 day compressive strength = 4000 psi.
- Contractor shall preserve existing geological formation at proposed seepage well locations to ensure proper drywell operation.
- Drywell inlet gratings in pavement areas shall be rated for H-20 loads.

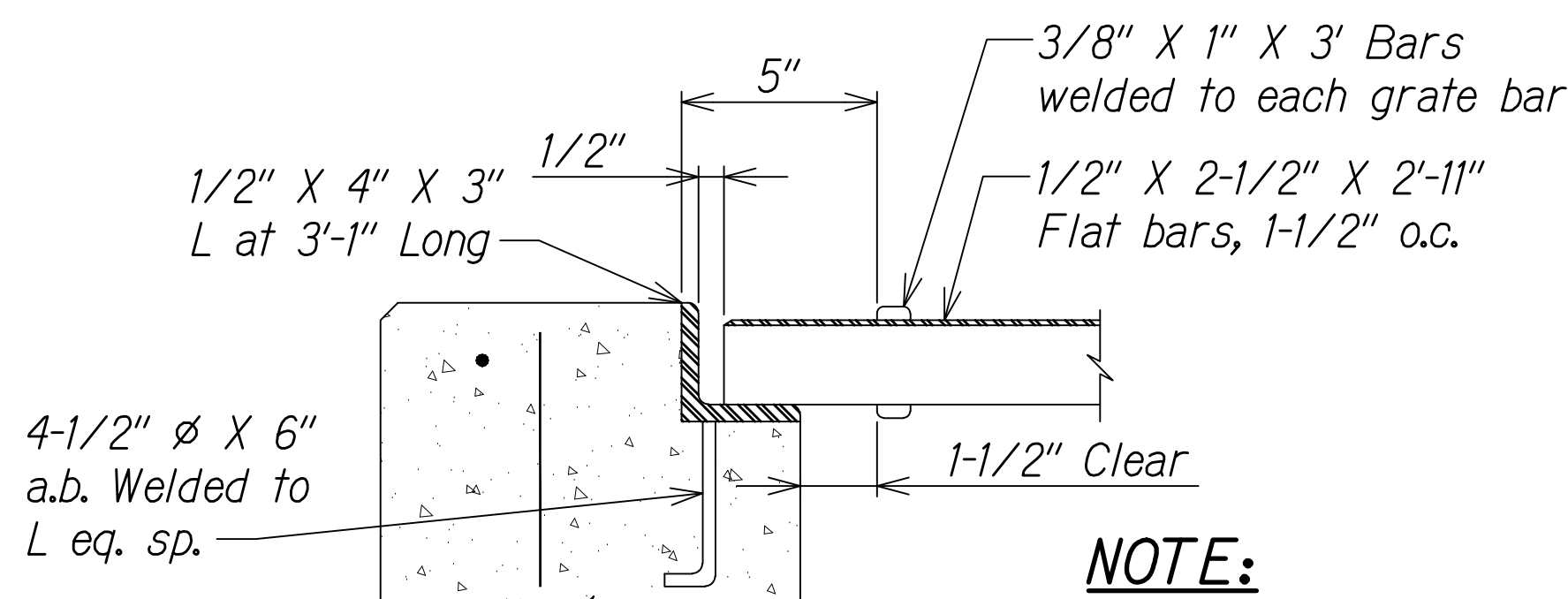


NOTES:

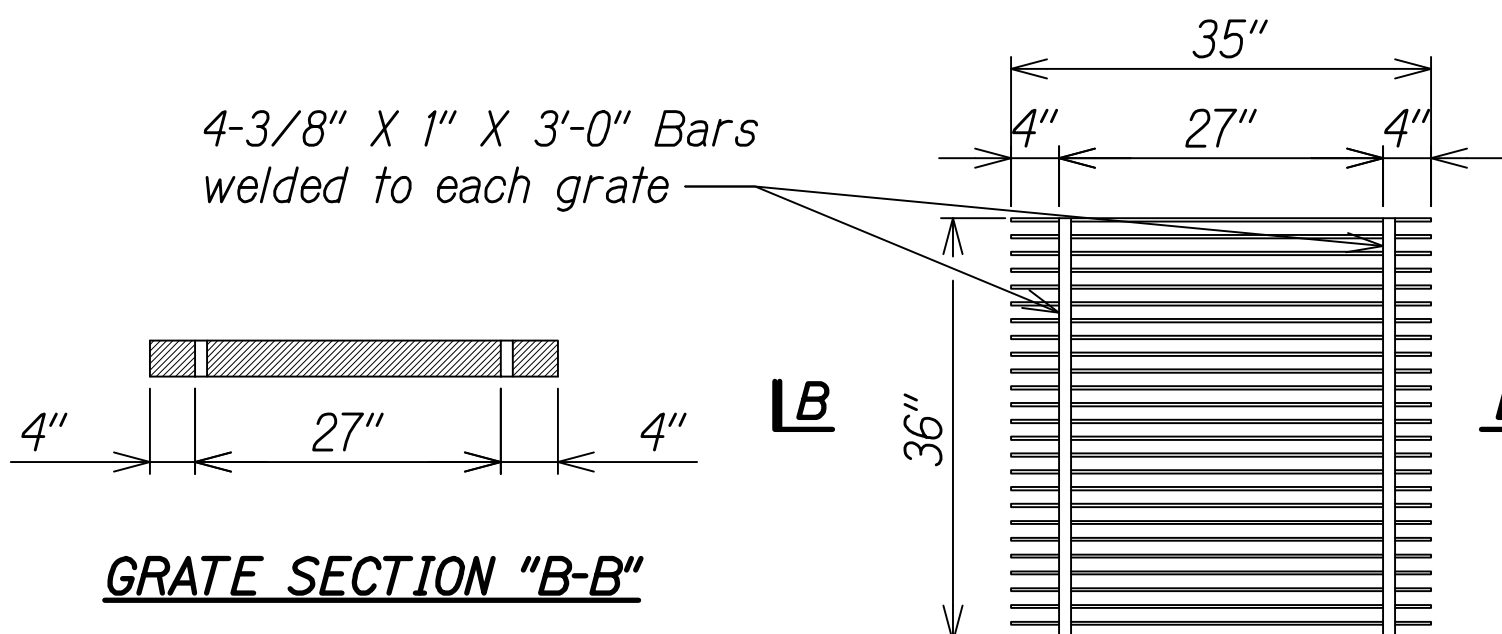
- Precast concrete drywell rungs and #2 crushed rock may be omitted in solid rock areas.
- Concrete-28 days compressive concrete strength = 4000 psi minimum.
- Contractor shall preserve existing geological formation at proposed dry well location to ensure proper dry well operation.
- Wells may be drilled, only water soluble drilling lubricants will be allowed, no clay or other drilling lubricants, which have the potential to reduce permeability will be permitted.
- After drilling of the dry well is completed, the sidewalls shall be washed along the entire depth and the bottom of the dry well cleaned out to allow positive permeability.
- Unless otherwise noted on the grading and drainage plans, grating shall be Generic (35"x36") per detail on this sheet. For other types of grating and cover, see the following DOT Std. Plans for details:
Type 61616P: H-16
Type 1A-9P: H-10 and H-11
Mod. Type 1211214P: H-15 and this sheet
MH (Type P): H-07
- Dimensions or callouts in brackets "[]" are only to be used for Std. or Mod. DOT grates and cover.
- All rebars to be placed 1-1/2" clear min. on all sides/surfaces.



DRYWELL COVER DETAIL

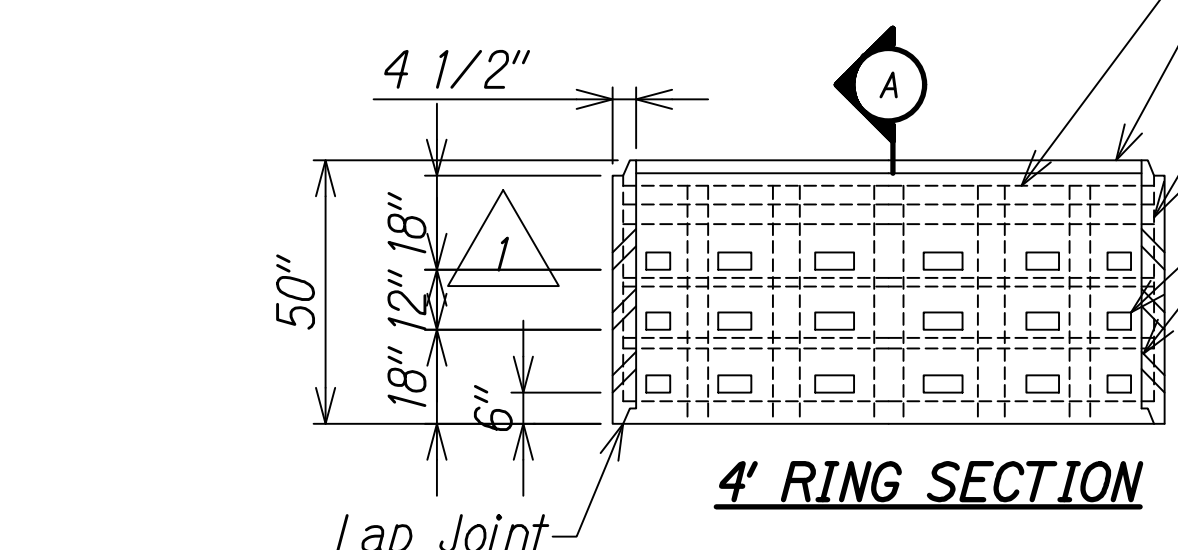


GRATING SEAT DETAIL (GENERIC)

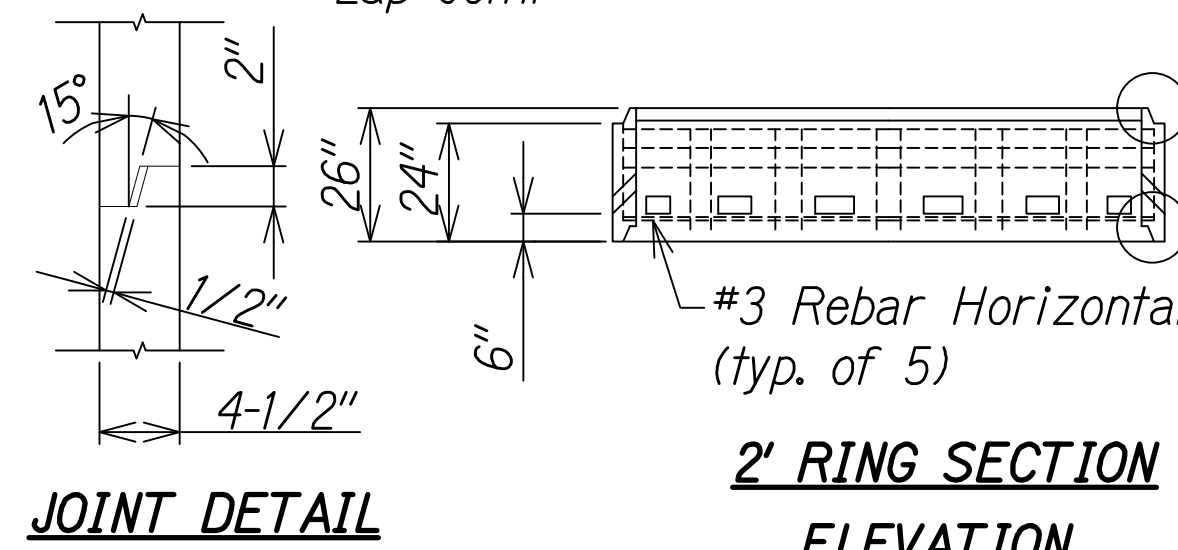


DRAIN FRAME AND GRATE DETAIL (GENERIC)

SHALLOW DRYWELL DETAIL

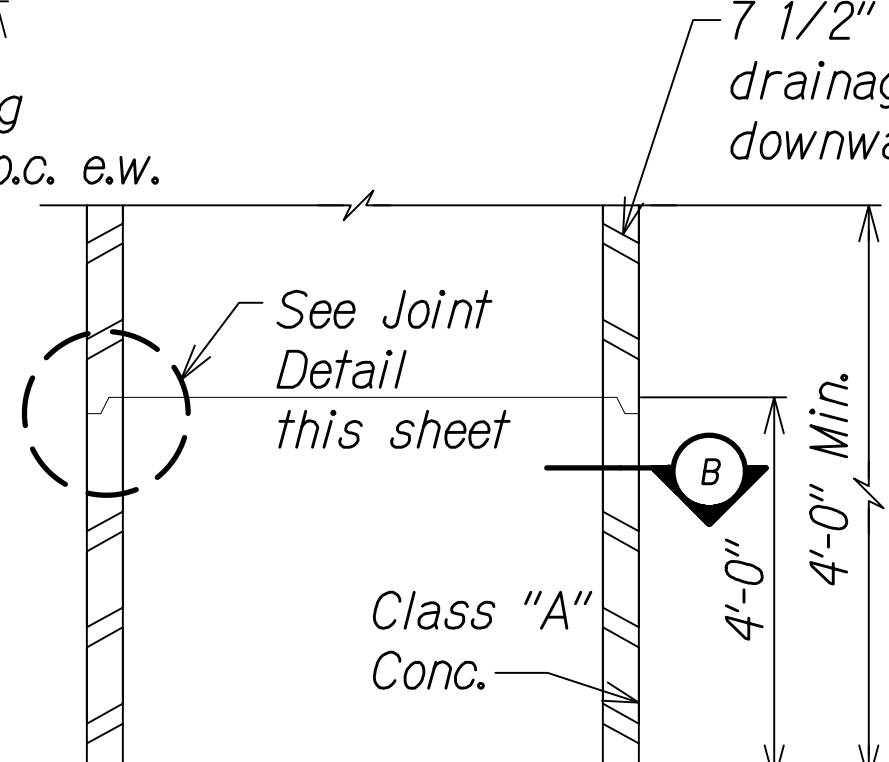


4 RING SECTION

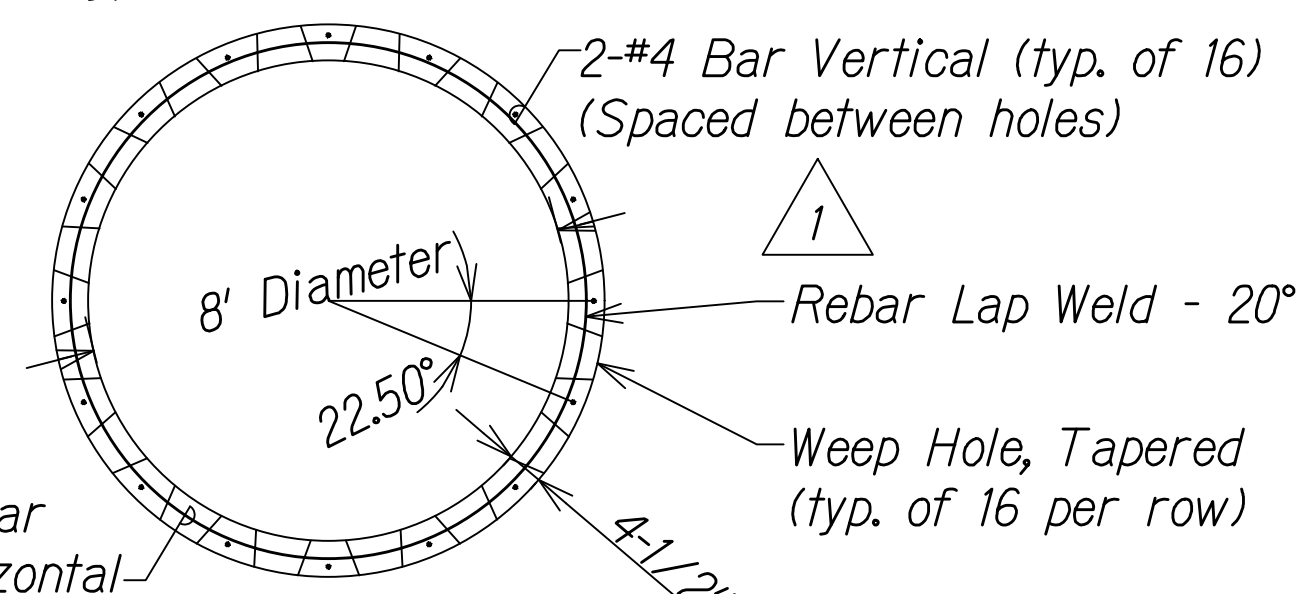


2 RING SECTION

ELEVATION

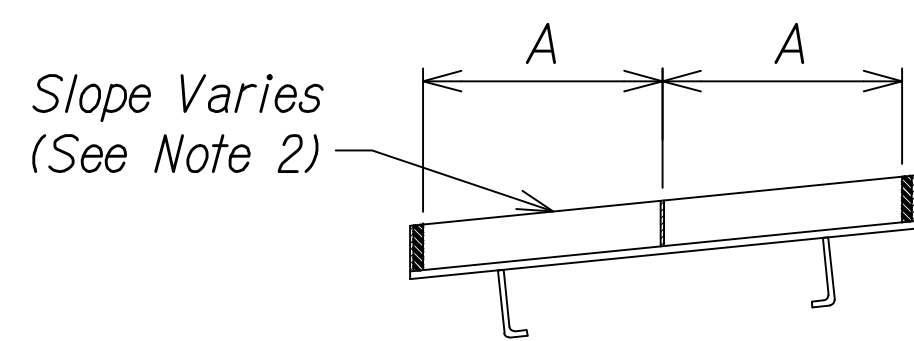


SECTION - A



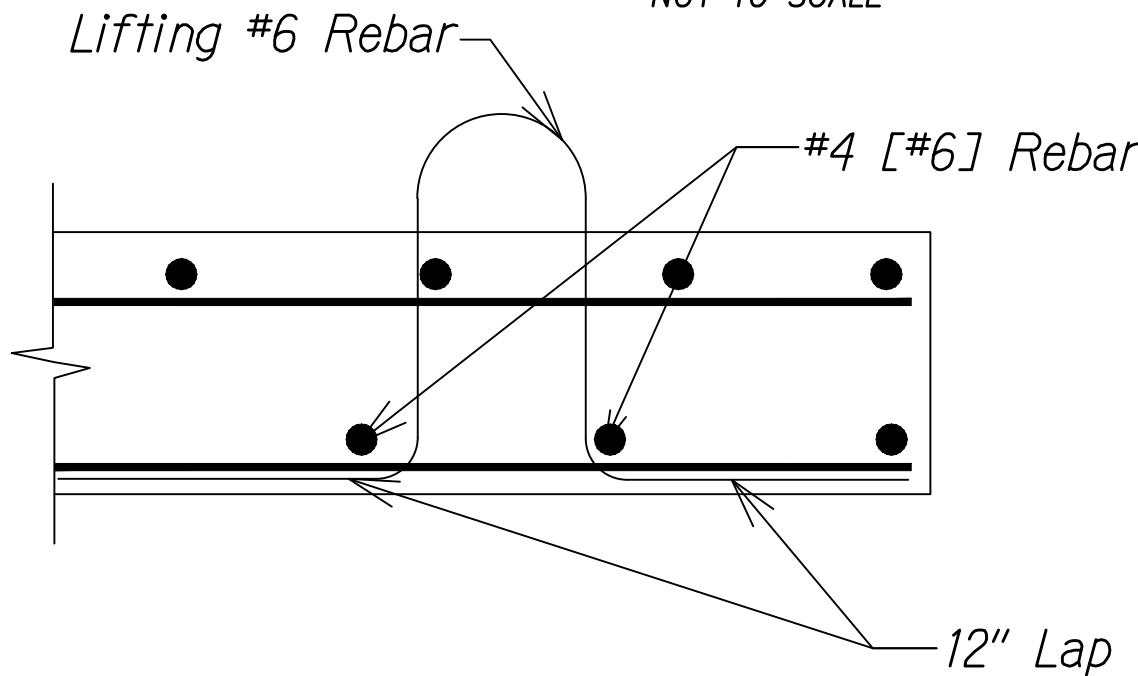
SECTION - B

DRYWELL RING DETAIL



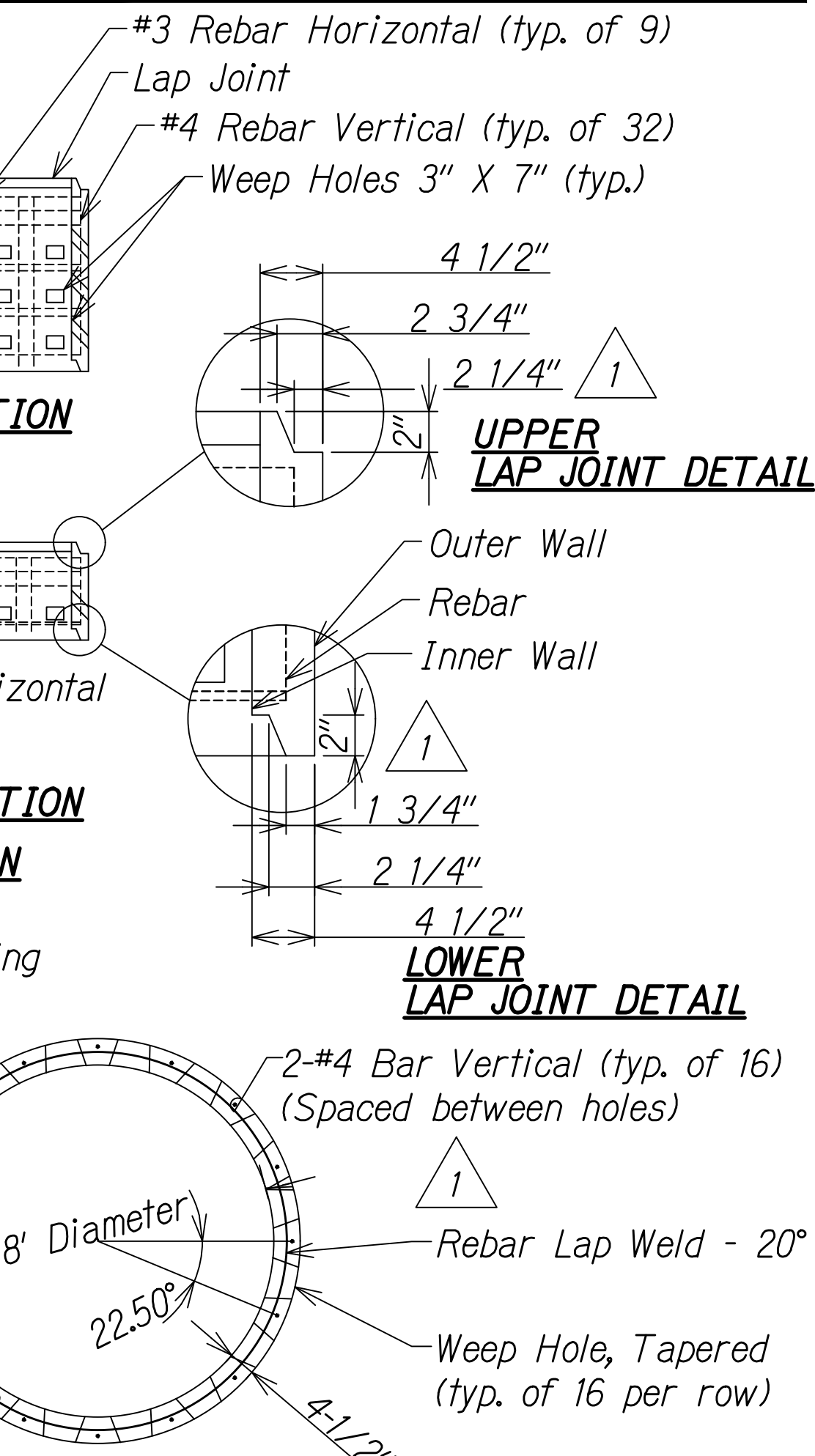
FRAME SECTION

MODIFIED TYPE 1211214P



LIFTING REBAR

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(38)R	2016	C.O. 287	528



NOTES:

- For other dimension of Modified Type 1211214P, please refer to DOT Std. Plan H-15.
- Slope to follow concrete swale cross slope. Slope varies from 12:1, 10:1 or 4%.

DATE	REVISION
3/1/17	3 Revise drain rock callout
8/1/16	2 Removed gasket
1/22/16	1 Revised/added details for additional grates and drywell cover; Revised note 1 and drywell ring detail; Added pipe connection to drywell

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