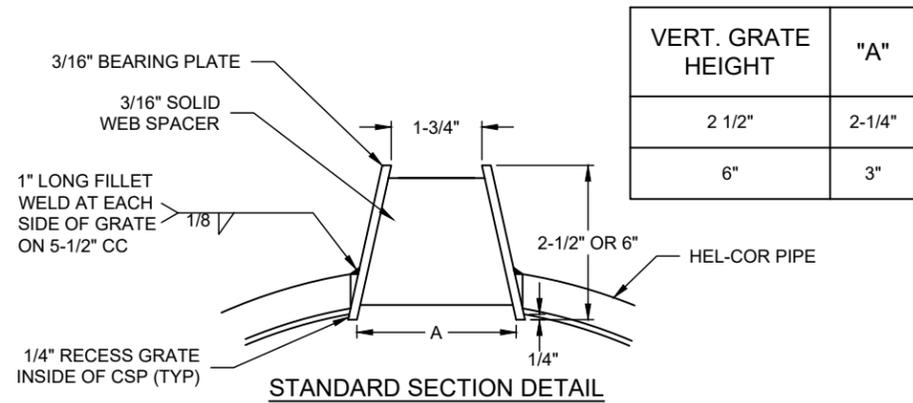
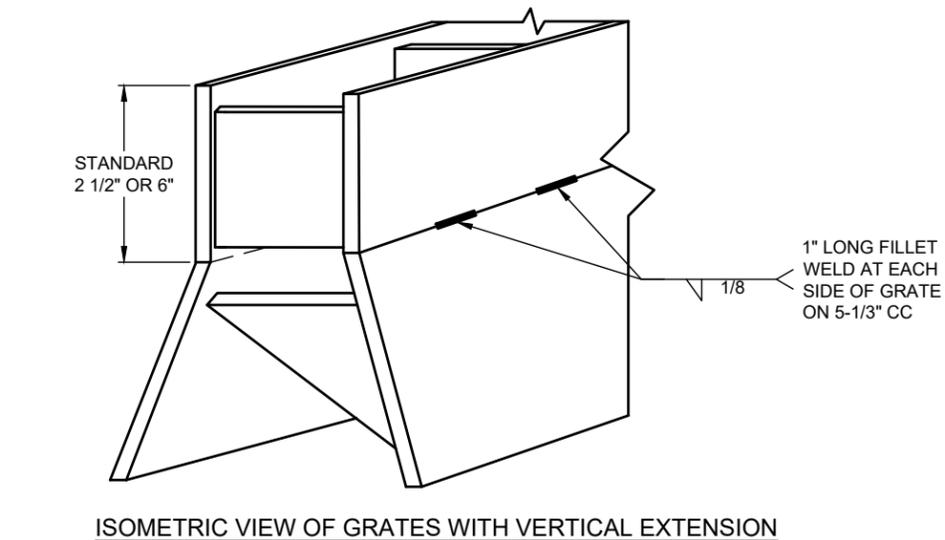
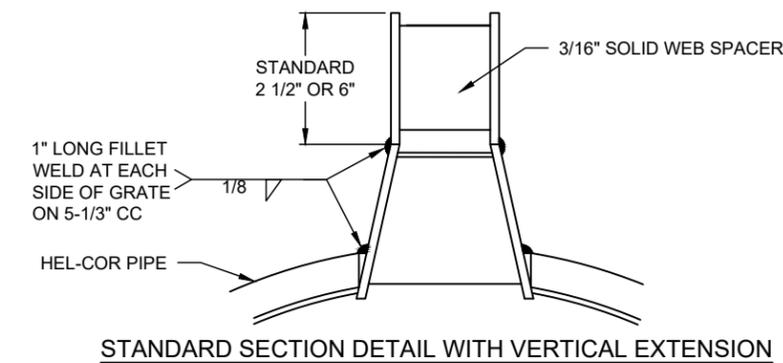


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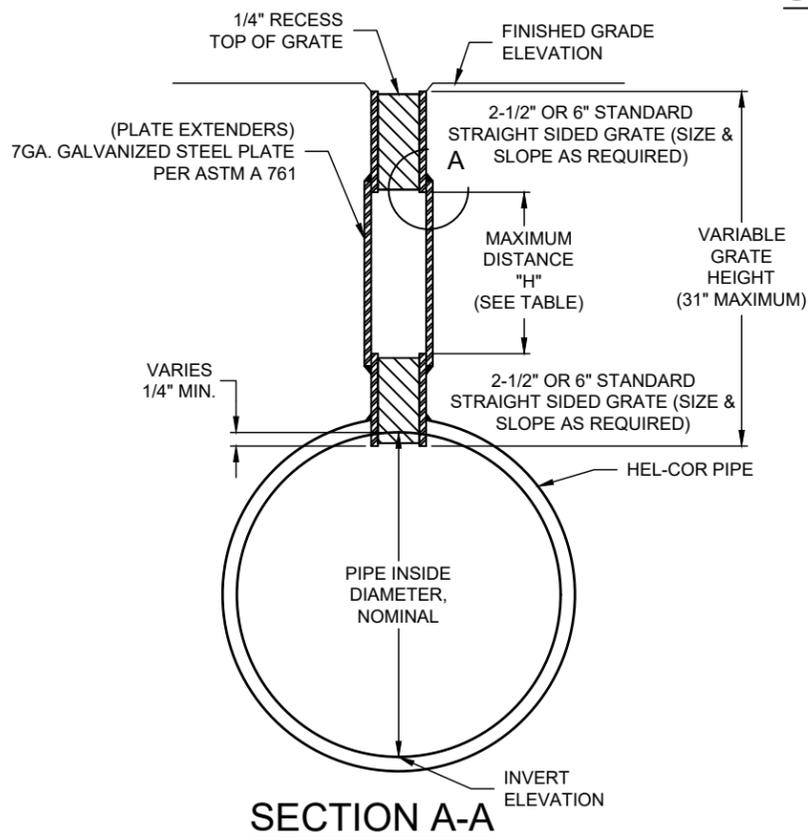
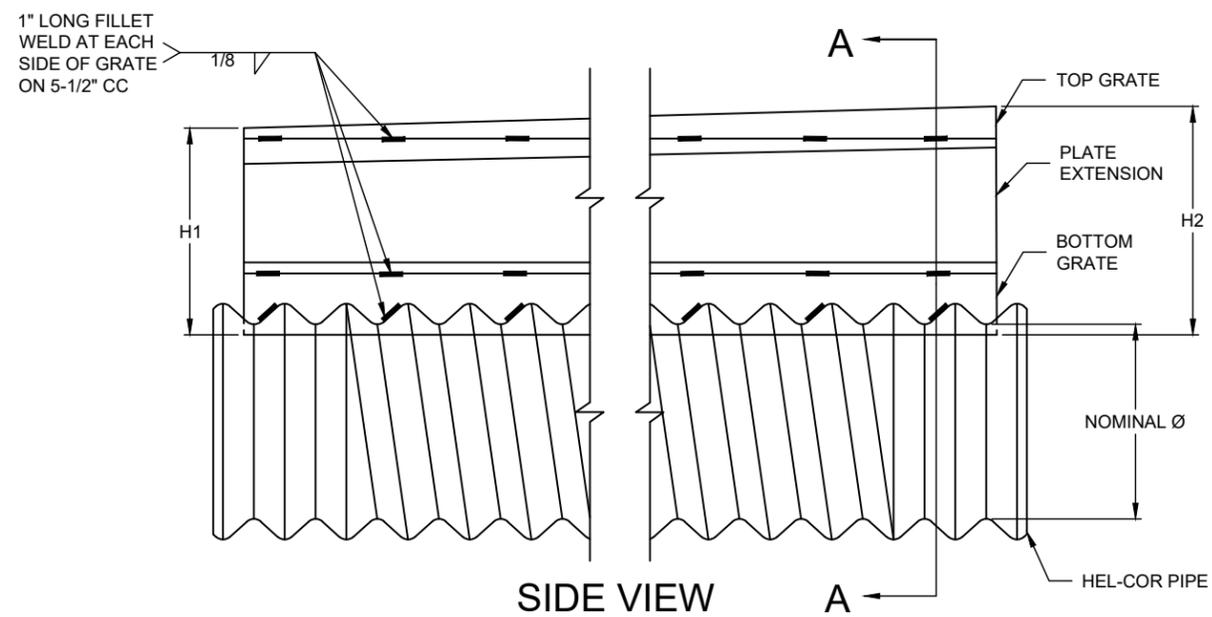


VERT. GRATE HEIGHT	"A"
2 1/2"	2-1/4"
6"	3"



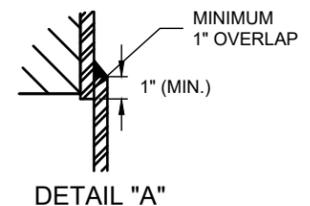
- NOTES:**
1. SPACERS DO NOT LINE UP WHEN PLACING THE VERTICAL EXTENSION ONTO THE TRAPEZOIDAL SECTION.
 2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES
 3. BOTTOM GRATE MAY BE A STRAIGHT GRATE (OPTIONAL)

**SLOTTED DRAIN GRATE EXTENSION DETAIL
(TRAPEZOIDAL GRATES)**
NOT TO SCALE



LOADING CONDITION	H
≤ H10 * GRANULAR BACKFILL	8"
H20/H25/HL93 * 750 PSI CONCRETE	19"
AIRPORT ** 1000 PSI CONCRETE	12"

* 125 PSI TIRE PRESSURE
** 195 PSI TIRE PRESSURE



- NOTES**
1. FINISHED ELEVATION IS SET FROM TOP OF GRATE, NOT FROM INVERT OF PIPE.
 2. TOP OF GRATE TO BE RECESSED 1/4" FROM FINISHED GRADE.
 3. H1 & H2 MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE.
 4. GRATES ARE SLOPED AS REQUIRED PER THE PROJECT DRAWINGS.
 5. REFERENCE SLOTTED DRAIN INSTALLATION DETAILS FOR BACKFILL REQUIREMENTS.
 6. ORDER MUST NOTE IF PRODUCT IS USED UNDER AIRCRAFT & HEAVY LOADING FOR SPECIAL WELDING & REINFORCEMENT.
 7. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.

**SLOTTED DRAIN CORRUGATED STEEL PIPE
VARIABLE HEIGHT GRATE DETAIL**
NOT TO SCALE

0-SLOTTED DRAIN DETAIL GRID

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CONTECH
PIPE SOLUTIONS
CONTECH CONTRACT DRAWING

**SLOTTED DRAIN
STANDARD DETAILS
VARIABLE HEIGHT GRATES**

PROJECT No.:	SEQ. No.:	DATE:
DESIGNED:	DRAWN:	11/10/2021
CHECKED:	APPROVED:	----
SHEET NO.:	6 OF 6	