NOTES:
PER: ASTM 2656-07, SPECIFICALLY 7.2.2;
THE FOUNDATION SHALL BE POURED ON UNDISTURBED SOIL, OR CONTROLLED AND COMPACTED FILL TO A DENSITY OF NOT LESS THAN 90% MAXIMUM DRY DENSITY IN ACCORDANCE WITH TEST METHODS D1556 AND D2922 AND AASHTO METHOD OF TEST T099

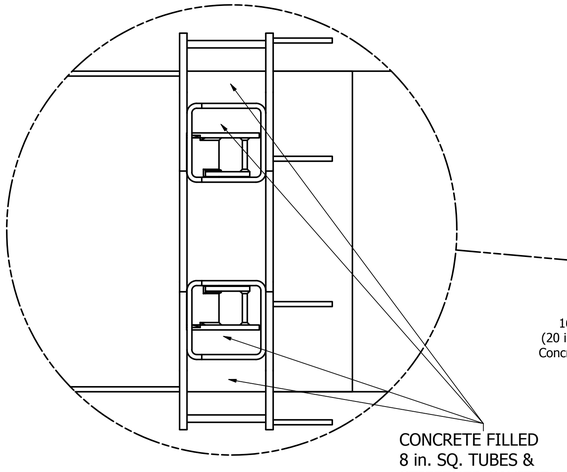
SIDE OF FOUNDATION SHALL BE FORMED IN EXCAVATED MAT'L., IF POSSIBLE. OTHERWISE, SIDEWALLS SHALL BE FORMED WITH INDICATED DIMENSIONS. ALL BACKFILL MATERIAL AND REPLACEMENT METHODS MUST COMPLY WITH STATED CODES LISTED ABOVE.

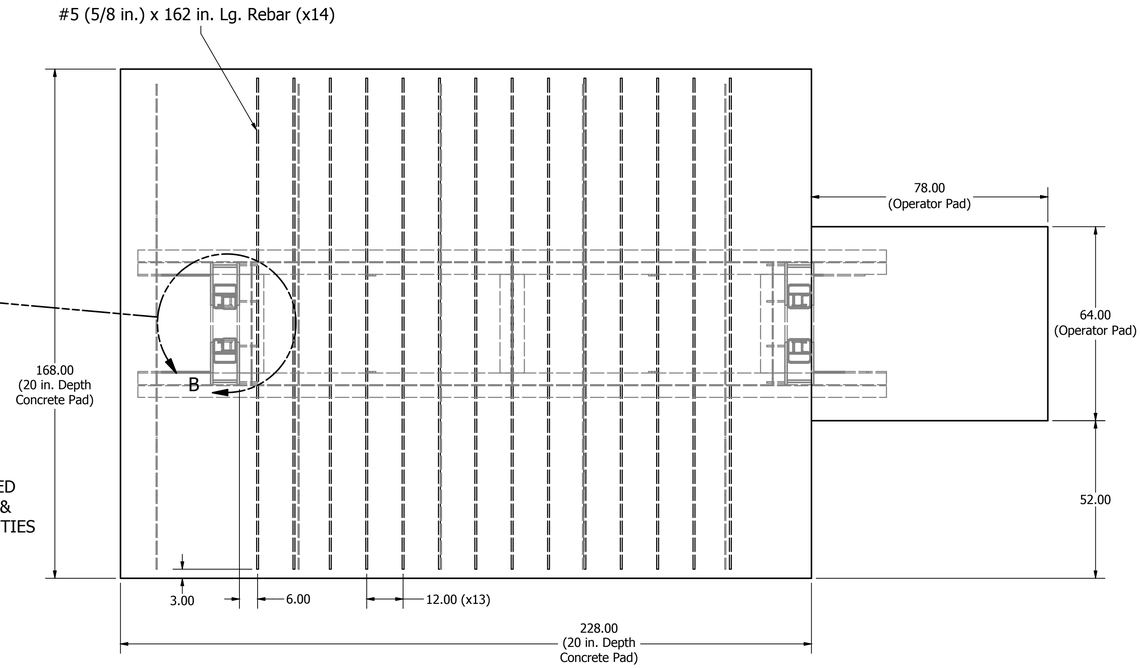
ALL CONCRETE SHALL BE A CONTROLLED STONE GRAVEL MIX PRODUCED, TESTED, TRANSPORTED, PROTECTED, AND PLACED IN ACCORDANCE WITH THE LATEST AMERICAN CONCRETE INSTITUTE RECOMMENDATIONS, FOLLOW ACI RECOMMENDATIONS FOR CURING AND MIX DESIGN WITH CONSIDERATION FOR CLIMATE AND CONDITIONS.

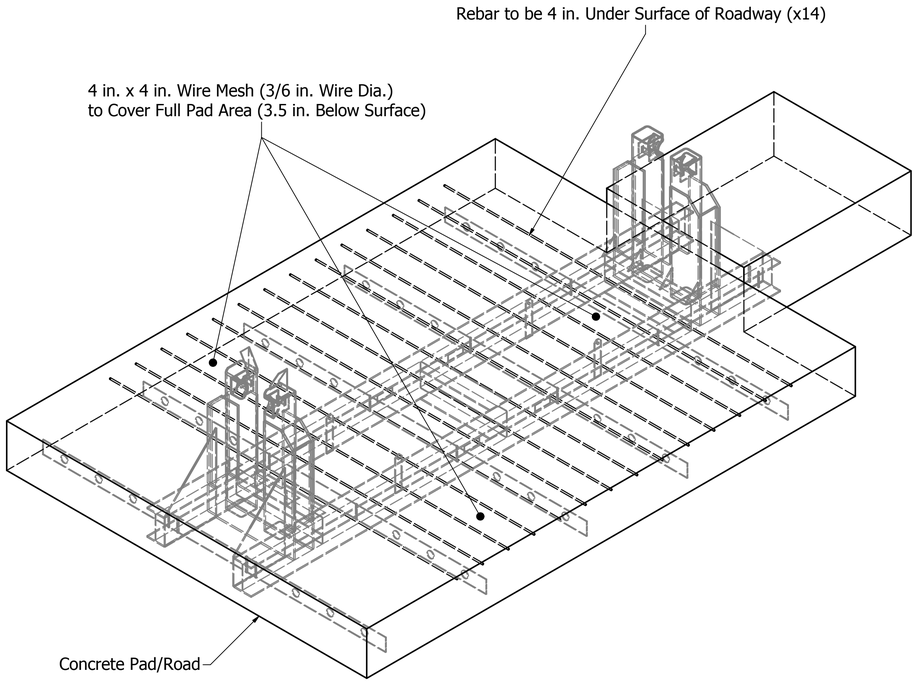
OPTIMUM CONCRETE MIX: 4000 PSI COMPRESSIVE STRENGTH.
MINIMUM 600 LB./CU.YD. CEMENT CONTENT
MAXIMUM 0.50 WATER CONTENT.
6% AIR CONTENT
4 in. SLUMP

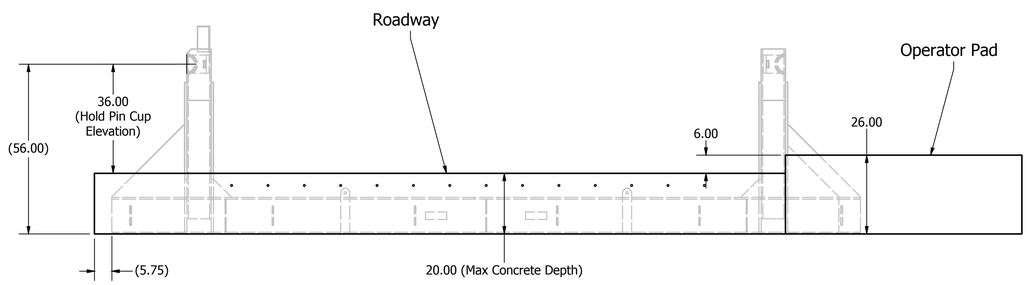
REINFORCING STEEL SHALL BE DEFORMED BARS (ASTM A-615) WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.

CHAMFER ALL EXPOSED CONCRETE EDGES 3/4 in.









SHALLOW MOUNT INSTALLATION STEPS:
1) READ NOTES FIRST
2) SLIDE 3/8 X 6 FLAT BAR REINFORCEMENT BARS THROUGH SLOTS IN I-BEAMS AND CENTER
3) DETERMINE ORIENTATION OF BOLSTER WELDMENT BY VERIFYING THE HAND OF OPERATOR BEING INSTALLED. HAND IS DETERMINED BY STANDING ON THE PROTECTING SIDE OF THE BARRIER, LOOKING OUT
4) HOIST THE BOLSTER WELDMENT AND PLACE IN PIT.
5) LEVEL AND CENTER THE BOLSTER WELDMENT.
6) POUR THE CAVITY BETWEEN TH I-BEAMS FIRST.
7) POUR REMAINING PIT TO I-BEAM HEIGHT AND VIBRATE CONCRETE ASSURING ALL CAVATIES ARE FILLED.
8) FINISH POUR AND PLACE RE-BAR AND WIRE MESH TO PRINT.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
ANGLES ± 1°
X/X ± 1/32, .XX ± .01, .XXX ± .005

DATE: 10/25/2013
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DRAWING: 8083_SMM30_Foundation_Drawing

TITLE: Shallow Mount M30 - Pad Layout

FILE: E:\3D Inventor\YOKES & BOLSTERS\M30 Crash Bolsters\Shallow Mount Bolsters\Drawings\8083_SMM30_Foundation_Drawing.dwg