



STANDARD DRIVEWAY PLAN VIEW
(BARBER CURB RADIUS APPROACH)

TYPICAL DETAIL OF PCC PAVEMENT OVER A CRUSHED STONE BASE
HEAVY DUTY: 7" PCC / 5" STONE BASE COURSE
LIGHT DUTY: 6" PCC / 5" STONE BASE COURSE (SEE 301)

RELIABLE MECHANICAL SITE PLAN
PART OF THE N 1/2, N 1/2, SW 1/4, SEC. 35, T20N, R9E, 3rd PM
CHAMPAIGN, ILLINOIS

NOTES:

- CURB RAMP SHALL HAVE A DETECTABLE SURFACE EXTENDING THE FULL WIDTH OF THE RAMP.
- DETECTABLE WARNINGS SHALL CONSIST OF A SQUARE GRID PATTERN AND SHALL COMPLY WITH ADA 1108.
- WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACE.
- WARNING SURFACE SHALL EXTEND A MINIMUM OF 24 INCHES IN THE DIRECTION OF TRAVEL. THE IS ADJACENT TO THE BACK OF CURB LINE.

Legend

- Set 3/20" from rod with plastic cap MSA
- Found from rod
- Storm manhole
- Storm inlet
- Sanitary manhole
- Unknown manhole
- Sign
- Hand hole
- Street light
- Telephone pedestal
- Power pedestal
- Utility pole
- Boring location
- Boundary of survey
- Easement line
- Setback line
- Fence line
- Gas line
- Sanitary line
- Storm line
- Overhead utility line
- Underground electric line
- Deciduous tree
- Coniferous tree
- Heavy duty pavement area

STATION STRUCTURE/CASTING

STATION	STRUCTURE/CASTING	RIM	INVERTS
0+00	EXISTING MH	757.99	30" E INV=749.24
0+39	48" MH/RK340B	756.80	12" SE INV=NOT ACCESSIBLE
1+09	24" INLET/RK340B	759.00	12" W INV=755.50
2+45	24" INLET/RK340B	759.00	10" S INV=754.00
2+98	10" S INV=756.31	759.80	10" S INV=756.31
4+51	24" INLET/RK340B	760.00	10" S INV=756.31

INLET TYPE A

PRECAST REINFORCED CONCRETE SIAB WITH PRECAST REINFORCED CONCRETE SAND CUSHION WHEN THE PRECAST REINFORCED CONCRETE SECTION ALTERNATE IS USED.

SECTION A-A

POUR P.C.C. INVERT WITH FLEET EDGE.

SECTION B-B

400 (16) UNLESS OTHERWISE NOTED ON OTHER PLANS ON POLE SERVICE PER CODE MINIMUM GRADE OF 2% MINIMUM GRADE OF 2% PRECAST REINFORCED CONCRETE SAND CUSHION WHEN THE PRECAST REINFORCED CONCRETE SECTION ALTERNATE IS USED.

SECTION C-C

MIN. 1'-0" MIN. 1'-0" DRIVEWAY (BOURED 1'-0" DEEP) 2" CAPPED CONDUIT #4 TIE BARS. 24" (TYP.) MIN. CURB BATH BE REMOVED. PAVEMENT TO EXISTING CURB & OUTER TO BE REMOVED. PAVEMENT TO BE REMOVED. PAVEMENT TO BE REMOVED. PAVEMENT TO BE REMOVED.

SECTION D-D

MIN. 1'-0" MIN. 1'-0" DRIVEWAY (BOURED 1'-0" DEEP) 2" CAPPED CONDUIT #4 TIE BARS. 24" (TYP.) MIN. CURB BATH BE REMOVED. PAVEMENT TO EXISTING CURB & OUTER TO BE REMOVED. PAVEMENT TO BE REMOVED. PAVEMENT TO BE REMOVED. PAVEMENT TO BE REMOVED.

MSA
TRANSPORTATION & MUNICIPAL ENGINEERING SERVICES
201 W. Springfield Ave. Champaign, IL 61820
217.532.6799 Fax: 217.532.6793
www.msa-engineering.com

RELIABLE MECHANICAL SITE PLAN
PART OF THE N 1/2, N 1/2, SW 1/4, SEC. 35, T20N, R9E, 3rd PM
CHAMPAIGN, ILLINOIS

SIGNED: *William E. Sheridan* I.L.P.E. No. 29397
 License Expires 11/30/13
 DATED: NOV 30 2012

FILED: 12/27/2012
 12774019
 1 of 4