## · ODETIC DESIGNATION S 31/4" FOUR #4 REBARS EVENLŸ SPACED · Suppor 13 YEAR MONUMENT SET SIDE VIEW GEODETIC SURVEY CONTROL PLAN VIEW GEODETIC SURVEY CONTROL STATION DISK STATION DISK CONCRETE MONUMENT FOR GEODETIC SURVEY CONTROL STATION CONCRETE MONUMENT FOR FINAL GRADE GEODETIC SURVEY CONTROL STATION FINAL GRADE

#4 REBAR

CONCRETE MIX

BACKFILL

SONOTURE

1 1/2-INCH CLEAR CRUSHED STONE

#4 REBAR

8'0" SONOTUBE

4" NOMINAI

SIDE VIEW

**METHOD** 

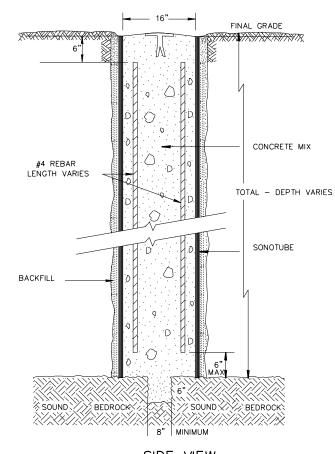
STANDARD TYPE INSTALLATION

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

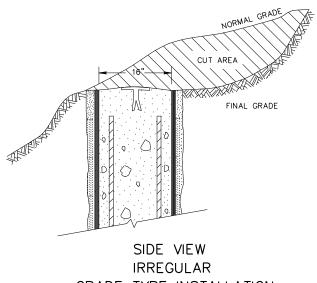
- $\bigcirc$  ALL CONCRETE MIX SHOULD BE WISCONSIN DEPARTMENT OF TRANSPORTATION GRADE A AIR ENTRAINED WITH A SLUMP NOT TO EXCEED 4 INCHES.
- 2 ALL REINFORCING BARS SHALL BE NUMBER 4 (1/2 INCH DIAMETER).
- (3) ALL SONOTUBES USED WILL HAVE A 16-INCH INSIDE DIAMETER WITH 0.25-INCH THICK WALL.
- (4) CLEAN MORTAR SAND OR SIMILAR MATERIAL SHALL BE USED FOR BACKFILL.
- (5) MONUMENT BASE MATERIAL SHALL BE 1 1/2-INCH CLEAR CRUSHED STONE.
- 6 GEODETIC SURVEY CONTROL STATION DISKS WILL BE FURNISHED BY THE DEPARTMENT.
- (7) TOP OF DISK SHALL BE FLUSH TO 1 INCH BELOW FINAL GRADE.
- (8) SURFACE OF ROCK MUST BE FREE OF LOOSE MATERIAL. IN LIEU OF KEY HOLE, REBARS MAY BE SET IN DRILL HOLES IN SOUND BEDROCK.

## CONCRETE MONUMENT FOR GEODETIC SURVEY CONTROL STATION



SIDE VIEW ROCK TYPE INSTALLATION **METHOD** 

CONCRETE MONUMENT FOR GEODETIC SURVEY CONTROL STATION



GRADE TYPE INSTALLATION **METHOD** 

CONCRETE MONUMENT FOR GEODETIC SURVEY CONTROL STATION

PROJECT NO: HWY: COUNTY: CONSTRUCTION DETAIL SHEET

CONCRETE MIX

BACKFIL

SONOTUBE

SONOTUBE

SIDE VIEW

BELL TYPE INSTALLATION

METHOD

TOTAL DEPTH

FILE NAME: \$\$....designfile....\$\$ PLOT BY: \$\$...plotuser...\$\$ PLOT DATE: \$\$...plottingdate...\$\$ PLOT NAME : PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42