



WELL INSTALLATION DIAGRAM

WELL NO.: MW-211

PROJECT: DDMT - Phase 2 Wells

PROJECT NUMBER: 3202-019

SITE LOCATION: MI

e2M PROJECT MANAGER: T. Holmes

e2M FIELD STAFF: Jim Anstaett

DATE COMPLETED: 3/21/07

WELL LOCATION: 190 ft. east of W. E. Freeman Dr. and 670 ft. north of Memphis Depot Pkwy.

NORTHING: 278000.59

EASTING: 802973.69

GROUND SURFACE ELEVATION (ft, msl): 304.09

TOP OF CASING ELEVATION (ft, msl): 303.74

TOP OF SCREEN ELEVATION (ft, msl): 137.5

DRILLING CO.: Prosonic

DRILLING METHOD: Sonic

BOREHOLE DIAMETER (in): 6

SURFACE COMPLETION: Flush Mount

BOLLARDS: No

WELL DIAMETER (in): 2

TYPE OF SCREEN/RISER MATERIAL: PVC Schedule 40

SLOT SIZE OF SCREEN: 0.010

TYPE OF FILTER PACK: Sand

GRADATION OF FILTER PACK: 10-20

QUANTITY OF FILTER PACK: 8.5-50lb. Bags

TYPE OF BENTONITE IN SEAL: 3/8" Shur Plug Chips

QUANTITY OF BENTONITE IN SEAL: 2-50lb. Bag

TYPE OF GROUT: Portland Type I

QUANTITY OF GROUT: 28-94lb. Bags

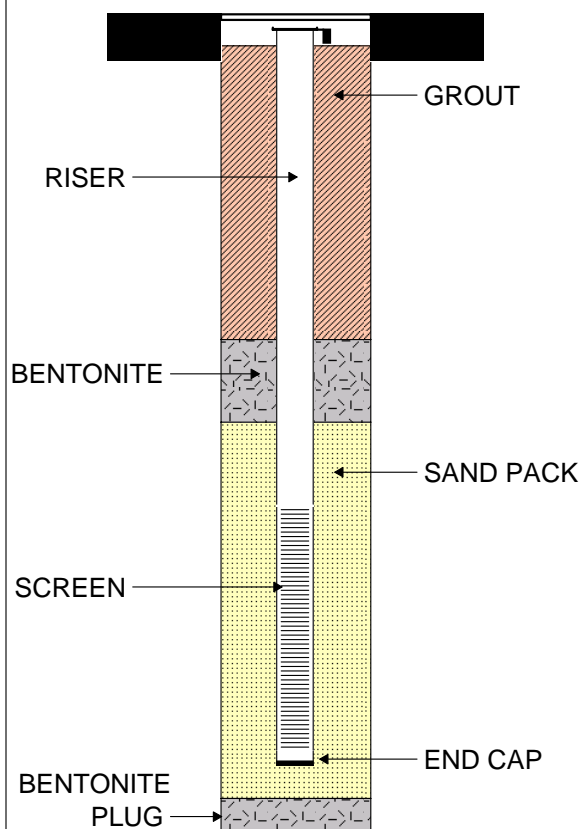
DEVELOPMENT METHOD: Grundfos RediFlow II

DATE DEVELOPED: 4/3/2007

DEPTH TO WATER (ft.btoc): 109.01-ft. - 5/4/2007

NOTES:

**Well
Completion
(Not to Scale)**



**Well
Details**

DIMENSIONS OF CONCRETE PAD: 3-ft. by 3-ft.

LENGTH OF RISER (ft): 166.3

DEPTH TO TOP OF BENTONITE (ft, bgs): 154

DEPTH TO TOP OF SAND PACK (ft, bgs): 160

LENGTH OF SCREEN (ft): 15

LENGTH OF END CAP: 0.3

TOTAL DEPTH OF WELL (ft, btoc): 181.6

DEPTH TO TOP OF BACKFILL (ft, bgs): 184

TOTAL DEPTH OF BORING (ft, bgs): 186

Prepared by: **WTR**

Date: **5/16/2007**

Checked by: **KMS**

Date: **5/16/2007**