GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

BM 620.93

Hubbard Road ~ 60' R/W

Ex. 8" Waterline

Ex. 18" CMP

INFILTRATION FIELD
MIN. 7000 SF
SEE SECTION AT RIGHT

15' Emergency Spillway
El. 616.8

Leach Line
(Typical)

Tee
(Typical)
Inv. 613.60

Type C Rock Channel Protection
5' Long x 18" Thick x 4' Wide

Typical Sideslope 3:1

Temporary Sediment Trap
40' x 20' x 6.7' Total Depth
8' Outlet Weir Width
See Detail on sht. no. 3

Temporary Stormwater Collection Ditch @ 0.48%
(For use until permanent erosion controls are established)

OUTLET STRUCTURE
See Detail

Maximum 100-year
W.S. El. 616.3

Install Handicapped
Ramps Per Detail

Stone Const.
Entrance

Maintain Driveway
Access At All Times

Fill Rear Yard to Low Point
El. 617.50 at Yard Drain

100'
Easement

Rim 620.90

Remove
Ex. Shed

Neatly Sawcut
for Butt Joint

8 Parking Spaces

14 Parking Spaces

9 Parking Spaces

4 Parking Spaces

13 Parking Spaces

6 Parking Spaces

10 Parking Spaces

16 Parking Spaces

5' Rad.
(Typ.)

Roll Curb & Gutter
Typ. on Roadway

Bldg. No. 1
18 Units

Bldg. No. 2
18 Units

Pnt. 1000

Pnt. 1001

Pnt. 1002

Pnt. 1003

Pnt. 1004

Pnt. 1005

Pnt. 1006

Pnt. 1007

25' Setback

PHASE BOUNDARY

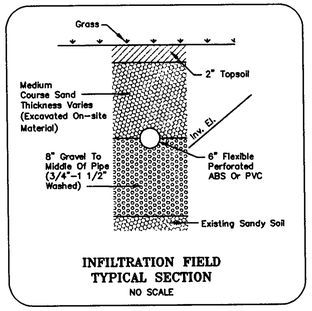
PHASE 1

CONSTRUCTION SCHEDULE FOR
EROSION CONTROL PLAN

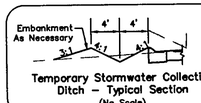
1. Establish silt fences and/or combination barriers at top of proposed fill sections and any proposed temporary storm water discharge ditches, to allow for filtering of all storm water exiting the site.
2. Install Construction Entrance, temporary sediment trap and collection ditch.
3. Clear and grade the construction area as necessary.
4. Accomplish all rough grading required for cuts and fills, and for utility requirements.
5. Install underground utilities – storm sewers, water mains, and sanitary sewers.
6. Install combination barriers around all Manholes and Catch Basins as they are constructed.
7. Temporary seed all disturbed areas outside of proposed pavement.
8. Accomplish fine grading for pavement and pave roadways.
9. Remove combination barriers around Catch Basins located in pavement and pave those box-outs.
10. Install curb drains, backfill with stone to Top Curb.
11. Temporary seeding applied to remaining barren areas.
12. Install Underground Utilities – Electric, Phone, Cable – Temporary seeding applied immediately after construction.
13. Install Gas Utilities – Temporary Seeding applied immediately after construction.
14. Fine grade and seed entire project site.
15. Individual home Builders are responsible for their own individual erosion control.

EROSION CONTROL SYMBOLS

- Combination Silt Fence & Straw Bale Barriers
- Filter Fabric Erosion Control
- Silt Fence
- Construction Entrance



INFILTRATION FIELD
TYPICAL SECTION
NO SCALE



Temporary Stormwater Collection
Ditch – Typical Section
(No Scale)

POND POINTS

Pnt	North	East	El.	Desc.
10655	4877.71	5019.50	617.00	"PG"
10656	4852.23	5019.80	617.00	"PG"
10657	4886.52	5011.47	620.00	"PG"
10658	4843.64	5011.43	620.00	"PG"
10659	4886.97	5145.26	616.00	"PG"
10660	4843.85	5135.42	616.00	"PG"
10661	4890.23	5210.72	617.10	"PG"
10662	4880.07	5233.51	617.10	"PG"
10663	4884.11	5229.96	616.80	"PG"
10664	4890.35	5216.97	616.80	"PG"
10665	4867.73	5219.38	614.40	"PG"
10666	4852.14	5196.02	614.90	"PG"

BUILDING CORNER POINTS

Pnt	North	East	El.	Desc.
1000	4597.71	5353.34	623.83	"PCORB"
1001	4509.46	5501.84	626.50	"PCORB"
1002	4577.64	5539.73	626.00	"PCORB"
1003	4665.89	5391.23	623.33	"PCORB"
1004	4549.68	5575.67	626.00	"PCORB"
1005	4511.79	5643.85	626.50	"PCORB"
1006	4660.29	5732.09	623.83	"PCORB"
1007	4698.18	5663.91	623.33	"PCORB"

NOTES:

1. See sheet no. 8 for roadway centerline information.
2. See Sheet no. 8 for pavement staking information.
3. Elevations shown at building corners are EXTERIOR finished grades, not finished floor elevations.
4. See Sheet No. 5 for horizontal control and benchmark.

Grading Plan Approved
as shown and/or noted
THOMAS P. GILLES, P.E.
Lake County Engineer
GJH 12/09/99

APPROVED
MADISON TOWNSHIP ZONING
DATE 11/24/99
BY DM 16507

STATE OF OHIO
ROBERT JAMES PROVOST
42119
REGISTERED PROFESSIONAL ENGINEER

Foresight Engineering Group
Engineers & Surveyors
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440 286-1034 fax
2500 Lakeshore Blvd. Unit F
Ashtabula, Ohio 44004

SCALE : Horz. 1" = 30'
Vert. None

FILE NAME:
HOW19801\Site-Layout

DATE :
June 7, 1999

REVISIONS: 8/31/99 – Detention pond revised

H. DAVID HOWE, ARCHITECT, INC.
GEORGETOWN ON THE LAKE
Madison Township – Lake County – Ohio
Site Layout and Grading Plan

SHEET NO.
7/14

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