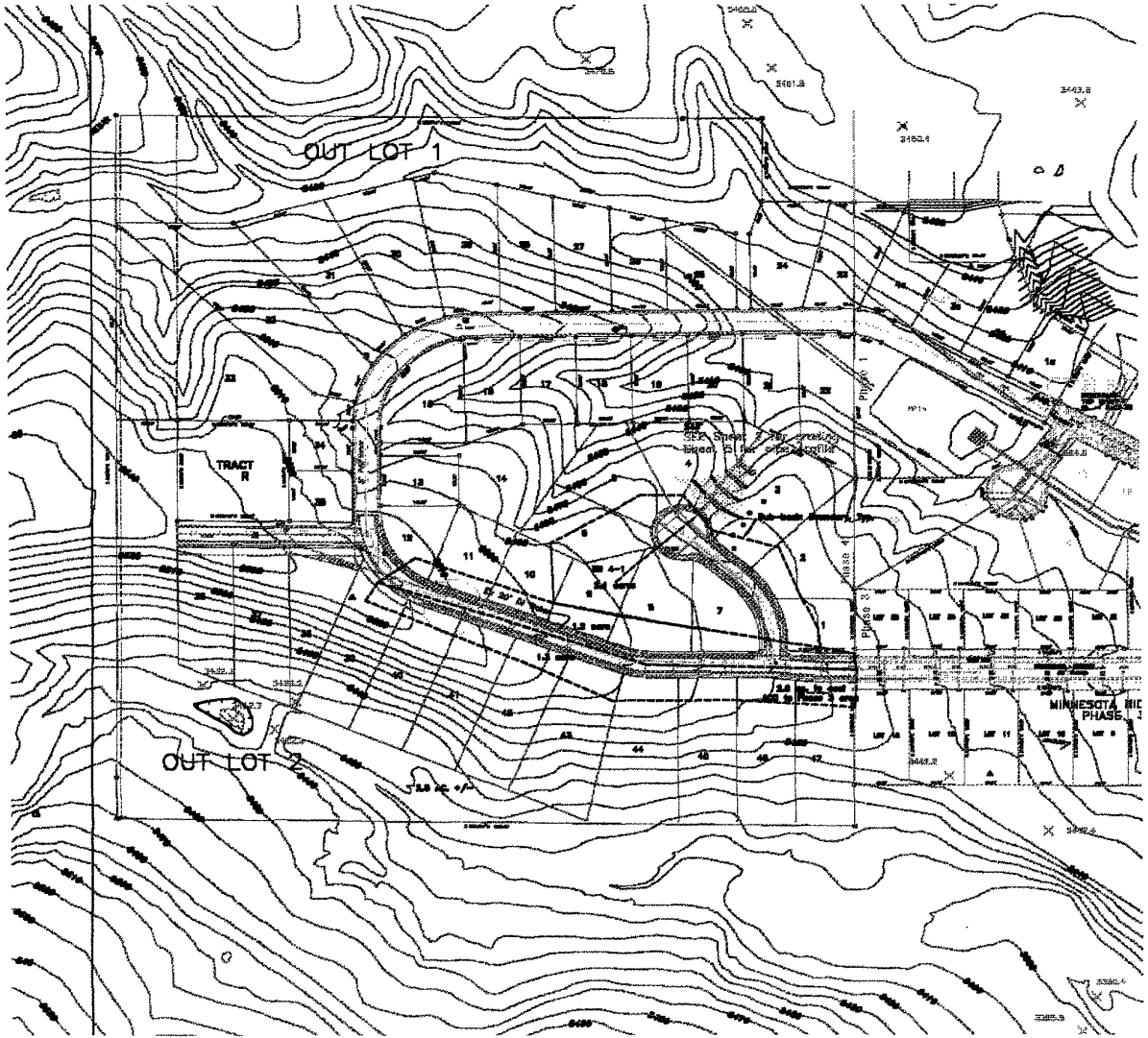
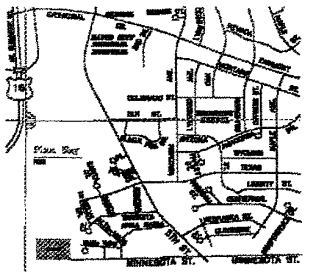
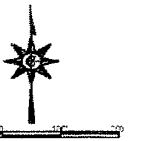
04PL048



Sheet Index:
Sheet 1: Layout, Notes, Sections
Sheet 2: Mass Grading & Sediment Control
Sheet 3: Minnesota St. Plan & Profile
Sheet 4: Minnesota St. Plan & Profile
Sheet 5: Ridge Heights Court Plan & Profile

Legend

Lighting & Signing Notes:
SL – Street Light Location
SN – Street Name
R1-1 – Stop Sign
R1-2 – Yield Sign
R2-1 – Speed Limit Sign
25 mph Unless otherwise noted
W16-2 No Outlet Sign
OM-3 Type I Barricades
Red & White reflectors
Street Name & signing sign, installed, maintained & numbered per City of Rapid City Standards.
Coordinate w/ private utility companies

Notes:
Use 1994 City of Rapid City Standard Specifications & Details Unless Otherwise Noted.

Initial verify location & elevation of all existing features prior to Beginning work.

Contact "CALL-ONE" prior to beginning work.

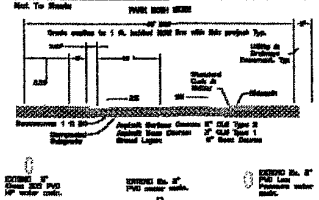
Obtain Air Quality permit prior to beginning, as A.

Place & maintain sediment barriers, Prevent sediment from leaving work zone.

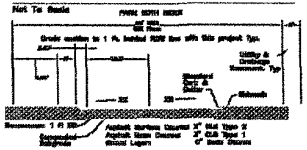
Place "Construction Ahead" & "Men Working" sign, at Minnesota St. and Middle Valley Dr. Obtain signing required per Manual of Uniform Traffic Control Devices(MUTCD).

UBC 1994 City of Rapid City Standard Specifications and Details

Typical Street Section:
Middle Valley Drive, Ridge Heights Court



Typical Street Section:
Minnesota Street



Water Main Notes:
Regarding installing 90° DI and New 8" Class 900 PVC Water Main and appurtenances, Ref: Rapid City 9009 Standard Specifications

For ALL metallic components -- applicable
1. Use ANLY granular backfill, clean sand or soil with non-corrosive properties to backfill 18" in all directions around metallic components.
2. Use ANLY Ox-Blue series 300 fasteners or equal.
3. DOUBLE wrap w/ polyethelene and vapor-ply tape ends to entire size 40.

Use ANLY high deflection pipe couplings Romac style 501 or equal when vertical or horizontal deflections needed at locations other than bends shown.

PIPE RESTRAINT TABLE: EBAA Iron Series 1500 or equal

Dead Ends: 50 Ft.
Valves: 50 Ft. each way.
Tees: 10 Ft along branch.
11 1/4 deg. bends: 2 Ft each way.
22 1/2 deg. bends: 5 Ft. "
45 deg. bends: 10 Ft. "
90 deg. bends: 20 Ft. "


CENTERLINE