06SR064

Notes
Use 2004 City of Rapid City Standard Specifications & Details

Field 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 work. Handicap Ramps

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

Place "Construction Ahead" & "Truck Entrance" signs in Sandra Lane and Stumer Rd. Other signing required per Manual of Uniform Traffic Control Devices(MUTCD).

Water Main Notes:
Regarding Proposed 12" and 8" Class 150 PVC Water Main and appurtenances. Ref. Rapid City 2004 Standard Specifications as applicable for corrosion protection.

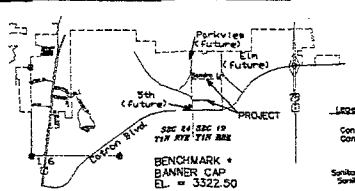
For ALL metallic components as applicable.
1. Use ONLY granular backfill, clean sand or soil with non-corrosive properties to backfill 18" in all directions, or Flowable Fill 12" all directions around metallic components.
2. Use ONLY Cor-Blue series 300 fasteners or equal.
3. DOUBLE wrap w/ polyethelene and securely tape ends to entire pipe OD.

Use ONLY high deflection pipe couplings Romac style 901 or equal when vertical or horizontal deflections needed at locations other than bends shown.

PIPE RESTRAINT TABLE: EBAA Iron Series 1600 or equal
Palo Verde Zone= 3546 Test Pressure 150 psi.

Dead End & Valves (each way): 12"- 56 Ft.; 8" 39 Ft.
Tees: 12x8-5Ft along 8"branch; 8x8-16 Ft along 8"branch.
12"x 11 ¼ deg. bends 2 Ft each way.
12"x 22 ½ deg. bends 4 Ft. "
12"x 45 deg. bend 9 Ft. "

Dead End & Valves (each way): 8" 39 Ft.
Tees: 8x6-2Ft along 6"branch; 8x8-16 Ft along 8"branch.
8"x 11¼ deg. bends 2 Ft each way.
8"x 22½ deg. bends 3 Ft. "
8"x 45 deg. bends 6 Ft. "



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
W14-2a No Outlet Sign
JF-1 Triple Diamond Barricade
Red & White reflective
Street light Conduit & signing size, materials, mounting, & locations per City of Rapid City Standards.
Coordinate w/ City Traffic Division & private utility companies

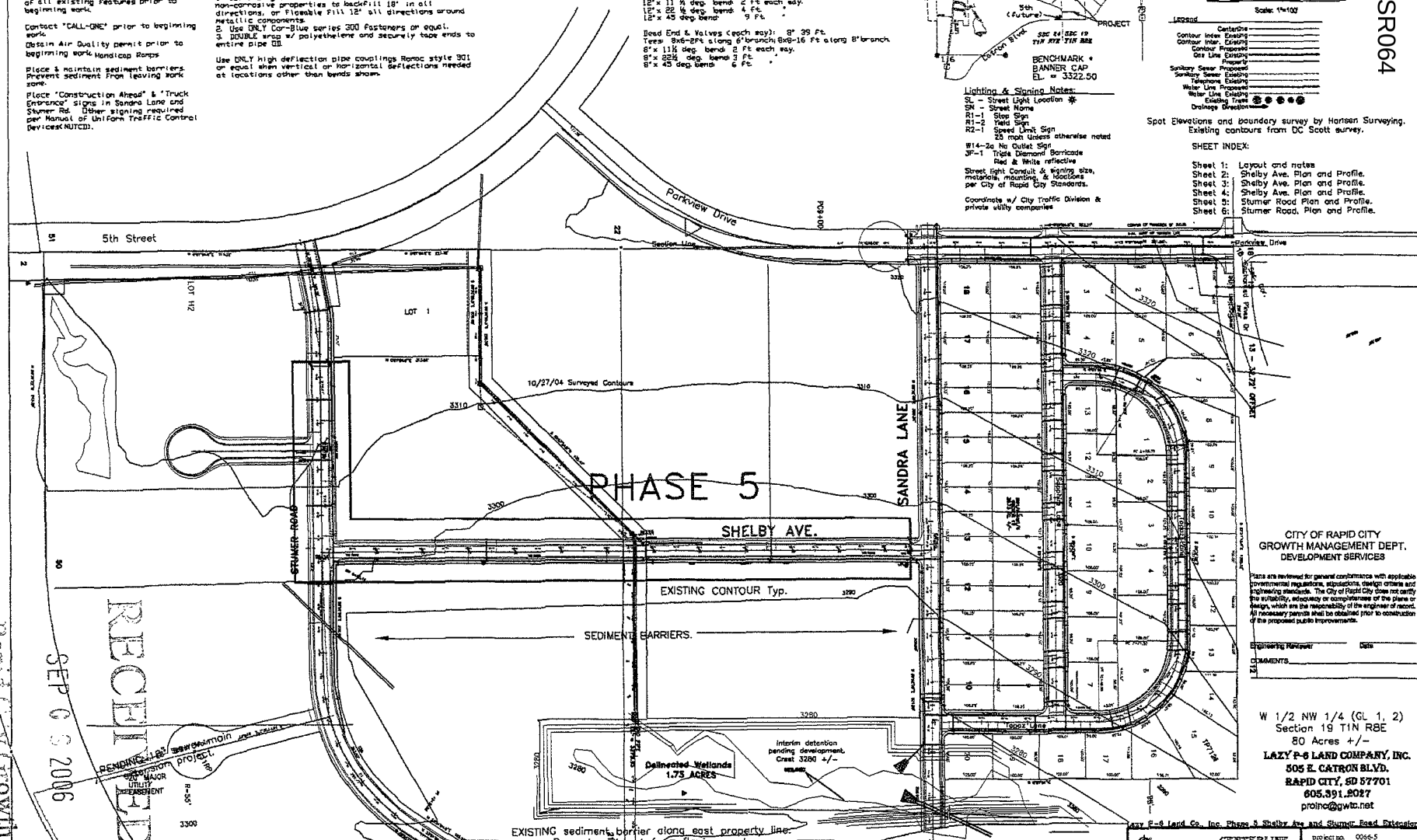
100' 50' 0 100' 200'
Scale: 1"=100'

Legend
Centerline
Contour Index Existing
Contour Inter. Existing
Contour Proposed
Gas Line Existing
Property
Sanitary Sewer Proposed
Sanitary Sewer Existing
Telephone Existing
Water Line Proposed
Water Line Existing
Existing Trees
Drainage Direction

Spot Elevations and boundary survey by Hansen Surveying.
Existing contours from DC Scott survey.

SHEET INDEX:

Sheet 1: Layout and notes
Sheet 2: Shelby Ave. Plan and Profile.
Sheet 3: Shelby Ave. Plan and Profile.
Sheet 4: Shelby Ave. Plan and Profile.
Sheet 5: Stumer Road Plan and Profile.
Sheet 6: Stumer Road, Plan and Profile.



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Rapid City Growth Management Dept.

CITY OF RAPID CITY
GROWTH MANAGEMENT DEPT.
DEVELOPMENT SERVICES

Plans are reviewed for general conformance with applicable environmental regulations, stipulations, design criteria and engineering standards. The City of Rapid City does not certify the suitability, adequacy or completeness of the plans or design, which are the responsibility of the engineer of record. All necessary permits shall be obtained prior to construction of the proposed public improvements.

Engineering Reviewer _____ Date _____

COMMENTS _____

W 1/2 NW 1/4 (GL 1, 2)
Section 19 T1N R8E
80 Acres +/-

LAZY P-6 LAND COMPANY, INC.
505 E. CATRON BLVD.
RAPID CITY, SD 57701
605.391.2027
proinc@gwtc.net

Lazy P-6 Land Co., Inc. Phase 5 Shelby Ave and Stumer Road Extension

CENTERLINE
320 Kansas City Street Suite 207, Rapid City, SD 57701
Phone (605) 341-3198 Fax (605) 341-3338

project no.	0066-5
date	9/08/06
file	0066-5
sheet	1/6