

UNLESS OTHERWISE NOTED, ANY DISTURBANCE OR REPLACEMEN EXISTING UTILITIES SHALL BE INCIDENTAL TO THE PROJECT REGUIRED, THE CONTRACTOR SHALL COORDINATE RELOCATION OF THE UTILITY WITH THE UTILITY CONER ALL UTILITIES ARE TO BE ADJUSTED AND/OR RELOCATED BY THE RESPECTIVE UTILITY COMPANIES UNLESS OTHERWISE INDICATED IN THESE DRAWINGS

KNOWN HITTE TATES TO BE DELIGRATED THEFTIDE BLACK HITTES SOME AND LIGHT OVERHEAD ELECTRIC, GOLDEN WEST, AND MONTANA DAKOTA UTILITIES THE STREET AND MILITIES CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ACTIVITIES WITH THE RESPECTIVE UTILITY COMPANY

ANY REFERENCE TO "THE CONTRACTOR" HEREIN IS REFERRING TO

THE CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS PRICE TO

ALL EXISTING UTILITIES MAY NOT SE SHOWN OR THE LOCATIONS MAY VARY FROM THAT SHOWN THE CONTRACTOR IS RESPONSIBLE TO HAVE ALL UTILITIES LOCALED PRIOR TO BEGINNING WORK

PROVIDE TRAFFIC CONTROL DURING CONSTRUCTION IN ACCORDANCE

PRIOR TO BEGINNING CONSTRUCTION, THE STREET AND UTILITIES

A THIST CONTROL PERMIT
A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

CITY OF RAPID CITY EROSION AND SEDIMENT CONTROL

WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

ALL WORK SHALL COMPLY WITH THE CITY OF RAPID CITY

CONTRACTOR SHALL OBTAIN AND COMPLY WITH

STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

INPOSS) PERMIT FOR STORM WATER BUNGFF

THE CONTRACTOR SHALL FINISH GRADE THE SITE TO THE LINES

THOSE AREAS TO BE PAVED, SHALL BE FERTILIZED, SEEDED AND

THOSE AREAS TO BE PAVED, SHALL BE FEATILIZED, SEEDED AND WULCHED FOLLOWING COMPLETION OF THE FINISH GRADING OPERATIONS THE TOPSOIL PLACEURIT, FERTILIZING, SEGUENG AND MULCHING SHALL BE DOME IN CONFIDMANCE WITH THE CITY OF RAPID CITY, STANDARD SPECIFICATIONS FOR PUBLIC MORKS

SEED MIX FOR ALL AREAS SHALL BE IN ACCORDANCE WITH CITY

OF RAPID CITY STANDARD SPECIFICATIONS FOR PUBLIC WORKS

AND GRADES SHOWN ON THE DRAWINGS OF STAKED BY THE ENGINEER EXCAVATION/TRENCHING SMALL INCLUDE ALL

ALL AREAS, WITHIN THE LIMITS OF CONSTRUCTION, EXCEPT

MATERIALS SWOW INTERED OF WHATEVER NATURE

CONSTRUCTION (2007 EDITION)

CONSTRUCTION (2007 EDITION)

THE PHASE 2 STREET AND UTILITIES CONTRACTOR

TEMPORARY EROSION CONTROL SHALL BE THE CONTRACTOR 8 RESPONSIBILITY AND SHALL CONSIST OF STRAW BALES, SILT FENCE, OR OTHER MEANS TO CONTROL EROSION AS NEEDED TOR AS SHOWN ON THE PLANS: ENGSION CONTROL SHALL BE IN ACCORDANCE WITH THE CITY STANDARDS FOR PUBLIC WORKS

MAINTENANCE SHALL BE PERFORMED ON ALL EROSION CONTROL PRACTICES AS SPECIFIED IN THE APPROVED STORM WATER POLLUTION PREVENTION PLAN

CONSTRUCTION LIMITS IN GENERAL, THE CONSTRUCTION LIMITS FOR THE PROJECT SHALL BE DEFINED AS SHOWN ON THE PLAN SHEETS AS FOLLOWS

PROPERTY LINES, RIGHT OF WAY (ROW) LINES, GRADING LIMITS, AND EXISTING UTILITY EASEMENT LINES SHALL BE THE CONSTRUCTION LIMITS UNLESS INDICATED OTHERWISE ON THE

THE CONTRACTOR SHALL CONFINE CONSTRUCTION WORK WITHIN THE CONSTRUCTION LIMITS DEFINED

CONSTRUCTION ACTIVITIES SMALL BE RESTRICTED TO THE CONSTRUCTION LIMITS UNLESS PRIOR APPROVAL IS RECEIVED FROM THE ENGINEER USE OF CITY OR STATE LAND FOR STAGING AREAS, WATERIAL STORAGE, SEDIMENTATION PONDS, DEWATERING AND/OR TOPSOIL STOCKPILING SHALL ONLY BE WITH PRIOR WHITTEN APPROVAL ANY DAMAGES AND RESTORATION OUTSIDE THE CONSTRUCTION LIMITS SHALL BE AT THE CONTRACTOR S EXPENSE

SIDEWALKS AND RAMPS

SIDEWALK RAMP PLACEMENT SMALL BE REFERRED TO ON PLAN/PROFILE SHEETS AND INTERSECTION SHEETS RAME COMPTGURATIONS AND SLOPES SHALL BE CONSTRUCTED IN CONFORMANCE TO CURRENT ADA REQUIREMENTS AND THE CITY OF RAPID CITY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2007 EDITION THE MAXIMUM RAMP SLOPES SMALL BE 1 12 (8 33%) FOR THE RUNNING SLOPE AND 1/4"/FT (2 0%) FOR THE CROSS SLOPE IF THE FULL VERTICAL RISE CAN NOT BE OBTAINED PRIOR TO REACHING THE SIDEWALK, PROVIDE A LANDING AREA AND RESUME THE RAMP SLOPE ALONG THE SIDEWALK LENGTH

DESIGNED BY THE PROJECT ENGINEER

FIRE HYDRANT ASSEMBLIES SHALL INCLUDE THE FIRE HYDRANT AND RISER, 6" AUXILIARY GATE VALVE AND 6" PVC LEAD UNLESS CINERWISE MOTED

WATER AND SEWER SERVICES SHALL BE EXTENDED TO INSIDE THE MALER AND SERVICES STALL BE EXTENDED TO TASTOC THE PROPERTY TO AYOTO PRIVATE UTILITIES AND SHALL BE CAPPED CURB STOPS ARE SHOWN O 5 INSIDE THE R O W THE CONTRACTOR SHALL MARK END OF SERVICES WITH A POST INDICATING TYPE OF

WATER AND SEWER SERVICE LINES AND APPURTEMANCES SHALL BE CONSTRUCTED TO SERVE EACH LOT TENTATIVE LOCATIONS ARE SHOWN ON THIS DRAWING HOMEVER THE FINAL LOCATION FOR EACH SERVICE SHALL BE DETERMINED IN THE FIELD DURING CONSTRUCTION IN GENERAL THE WATER SERVICE LINE WILL MAINTAIN A MINIMUM DISTANCE OF 10 FROM THE SEWER SERVICE

SEWER SERVICES SMALL BE INSTALLED AT MINIMUM CRADE UNLESS OTHERWISE APPROVED BY THE OWNER MARK END OF SEWER SERVICE LINES WITH A POST INDICATING DEPTH

CONFIRM VERTICAL SEPARATION AT ALL LOCATIONS WHERE WATER MAINS CROSS SANITARY OR STORM SEWER MAINS PROVIDE ENCASEMENT IN ACCORDANCE WITH CITY OF BAPTO CITY 10(1) IT CONSTRUCTION CODE IF WATER MAIN IS LESS THAN IS ASOVE OR BELOW THE SEWER MAIN ENCASE THE WATER MAIN IN SIX (6)

INCHES OF CONCRETE FOR AT LEAST TEN (TO) FEET OUTSIDE OF SEWER PIPE EACH SIDE OF THE CROSSING SURY ELEVATION FOR FIRE HYDRANTS ARE TO BE SET AT TOP BACK OF CURB MEIGHT PLUS 2 IN GRADE TO R O W LINE BURY ELEVATION IS AT THE BOTTOM OF FIRE HYDRANT

MANHOLE DETAILS ARE SHOWN ON THE DRAWINGS. AIM ELEVATIONS OF MANHOLES AS SHOWN ON THE PLANS ARE APPROXIMATE THE CONTRACTOR SHALL FIELD VERIFY THE REGUIRED RIM ELEVATIONS TO MATCH THE PROPOSED PAVENERT ELEVATION AND GRADE MANHOLE BARREL SECTIONS SHALL BE O RING GASKET JOINTS

TABLE OF FIRE HYDRAHTS

STREET	STATION	OFFSET	FINISH GRADE	INV	LEAD
FIELDSTONE DRIVE	9+82 10	30 50 A	3167 37	3161	09
FIELOSTONE DRIVE	13+85 94	30 SD R	3159 14	3151	63
FIELDSTONE DRIVE	19+21 10	30 50 L	3142 54	3136	87
SAINT BURY COURT	0+06 00	11 00 L	3185 64	3179	32
SAINT BURY COURT	3+94 06	29 56 R	3189 80	3183	80
RUST RIDGE COURT	0+12 52	40 94 L	3177 33	3171	25
RUST RIDGE COURT	1+50 26	28 15 R	3172 63	3166	48
VINECLIFF ORIVE	17+96 30	50 29 R	3143 02	3136	92

RESTRAINED LENGTHS STEMPS FITTINGS INSTALLATION CONDITIONS USED FOR CALCULATIONS
1 SOIL 1996 - CL. GAAR FIG. 111 X 11_1EN 11 2 22_LDN 45_LEN 22 % 3 FT 13 F TIG"X6" 5X6_LEN 1 FT VALVE/CAP 43 FT REDUCERS/INCREASERS

ALAN VANROCHOVE

TIMOTHY ERZCKSON

TERRY HOEFR

DICK DEUTSCHER

MARK JOHRING

DUSTY SCHALES

MATT SCHWARL

PROPOSED

RESTRAIREMO ARGUIREMENTS ALL FITTINGS, VALVES, AND PIPE JUINTS WITHIN THE SPECIFIED RESTRAINED LEMBING LIGHED RELOW

STORTHOD YTLLITU

BLACK HILLS POWER

KNOLOGY

SI SCHOOL DISTO

TELEPHONE RISER

CONFERCUS TREE

HEDGE/TREE UNE

CHARLINK FENCE

STORED MOE CONA

SANITARY SEWER MANHOLE

FIRE HODRAN

GATE VALVE

WOOD FENCE

BENCHMARI

RIPRAP

24" RCP

DOT FOW DAP

STORM SEWER LINE

TELEPHONE LINE

POWER HUE

FIBEROPTIC LINE

CARLE TV LINE

TYPE 8 INLET

TYPE B INLET

TYPE E PILET

WATER LINE

POWER POLE

PROPERTY LINE

SECTION LINE

CUARTER LINE

SMITTHIN LINE

EASEMENT LINE RICHT-OF-WAY LINE

TELEPHONE CONDUC WATER SERVICE

SEWER SERVICE

-- -- -- 3100-- -- - WAIDE CONTOUR

---- UNDER CONTINUE

SANITARY SEWER LINE

TRAFFIC CONDUIT LINE

CAS LINE

DECEMBERS TREE

St ISH

EXISTING

MONTANA DAKOTA UTILITIES

BOCKY MOINTAIN PIPELINE

INTOCONTENENT COMMUNICATIONS

MAPID VALLEY SANITARY DISTRICT WEST RIVER ELECTRIC ASSOCIATION, INC.

LEGEND

TREMCH TYPE - CL, GAAR FE TREMCH TYPE - 5 TEST PRESSURE - 150 PSI SAFFTY FACTOR 1 1 1

PRELIMINARY FOR REVIEW ONLY

DREAM DESIGN

410HA, INC.

GROWTH MANAGEMENT DEPT CHARL COMENT SERVICES

Plans are reviewed for general conformance with applicable governmental regulators. supplishers inner criters and angreeing standards. The Oty of Raoid Ohy soon not carify the sensitiv, whepsale, or mointenance of the closes or design, which are the pointfully of the arguness of record. All records this shall be obtained prior to construction of the Common State of

791 7123 343 9764 393 1500 COMMENTS

342 0160

721 2722

PROPOSED BACK FLOW PREVENTED PROPOSED HIGH DEPLECTION COUPLER

ENNER & ASSOC JUNE 2008

PROPOSED CA PROPOSED REDUCER OR INCREASER PROPOSED THRUSTBLOCK PROPOSED CROSS PROPOSED 11 1/C BOID PROPOSED 22 1/2' BOND PROPOSED 45" BENE

PROPOSED COUPLER OR VERTICAL BEND

PROPOSED BUTTERFLY VALVE

PROPOSED FIRE HYDRAN

PROPOSED GATE VALVE

PROPOSED O FINANCE PROPOSED SANITARY SEMER HANHOLE PROPOSED TYPE & MART ONSIDE DIMENSIONS PROPOSED TYPE E SPLET (MISIDE DIMENSIONS)

DECEMBER OF THE A. MINTER PROPOSED 4 SECTION K FUTURE CURB & CUTTER SITTINGS AT STIFFWARE PROPOSED BY SANITARY SENIOR MAR PORPOSTO CUNTURY STREET LATTER ----

> PROPOSED 6" WATER WAR PROPOSED AT MATER MAIN -16" W-PROPOSED 16" WITTH MAN PROPOSED WATER LATERAL DECOURTS AT LOS SOURCES PROPOSED SILT FENCE TAP. TOP OF PIPE ELEVERADE. 13

R FLOW LINE CONCRETE WATER WAR ENCASEMENT-PLAN CONCRETE WATER HAW ENCASEMENT-PROFLE ⊚

VEHICLE TRACKING CONTROL

EROSION CONTROL BALES STREET 1906

GENERAL NOTES TYPICAL SECTIONS

SING 2

ш

酝 \$ ш

HA T&F

STRE

CROS

UTILITIE

2 0 30