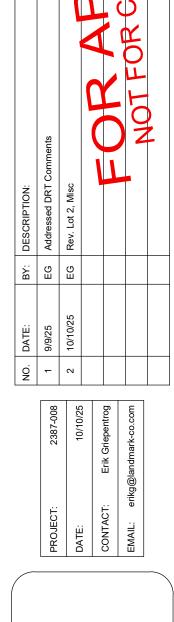




PROPOSED STORM SEWER W/ FLARED END SECTION PROPOSED STORM INLET (CURB & AREA) PROPOSED STORM MANHOLE & CLEANOUT EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR PROPOSED SWALE PROPOSED CURB & GUTTER PROPERTY BOUNDARY 6790.50 SPOT ELEVATION PROPOSED OVERLAND FLOW DIRECTION W/ SLOPE STORM SEWER FLOW DIRECTION EX ASPHALT EX CONCRETE

NOTES:

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- 2. PROJECT BENCHMARK: A RECOVERED NO.5 REBAR W/ ALUMINUM CAP STAMPED "LS 29039" HAVING AN ELEVATION OF 6667.80' BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS SHOWN HEREON.
- 3. ELEVATIONS FOR IMPROVEMENTS THAT ARE CONTROLLED BY ADJACENT EXISTING FACILITIES (SUCH AS PROPOSED GUTTERS ALONG EXISTING ASPHALT) MAY REQUIRE ADJUSTMENT BASED ON ACTUAL CONDITIONS. COORDINATE WITH ENGINEER TO ENSURE A CONSISTENT SECTION WITH SMOOTH TRANSITIONS WHERE NECESSARY.
- 4. SEE SOILS REPORT FOR PAVEMENT, SUBGRADE AND MATERIAL PREPARATION, DESIGN AND RECOMMENDATIONS.
- 5. ALL CURB SPOTS SHOWN ARE FLOWLINE ELEVATIONS, UNLESS NOTED OTHERWISE. ALL OTHER SPOTS ARE FINISHED GRADE ELEVATIONS.
- 6. CONTOUR INTERVAL = 2-FT
- 7. THIS DRAWING SHALL NOT TO BE USED FOR CONSTRUCTION OR CONTRACTING PURPOSES.

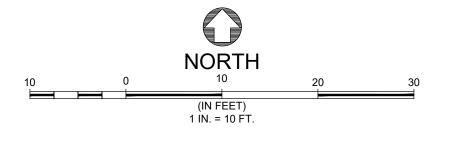


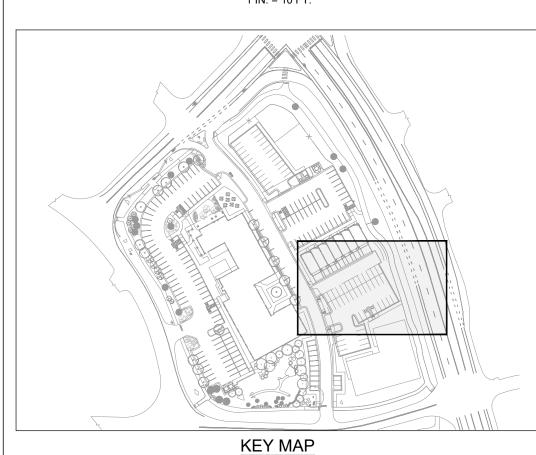
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SHEET C.300

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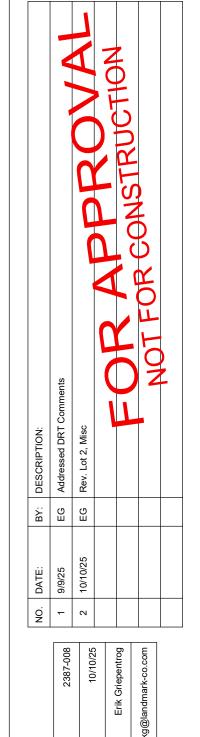


PROPOSED STORM SEWER W/ FLARED END SECTION _____ PROPOSED STORM INLET (CURB & AREA) PROPOSED STORM MANHOLE & CLEANOUT EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR PROPOSED SWALE PROPOSED CURB & GUTTER PROPERTY BOUNDARY SPOT ELEVATION PROPOSED OVERLAND FLOW DIRECTION W/ SLOPE STORM SEWER FLOW DIRECTION

PR ASPHALT PR CONCRETE

EX ASPHALT EX CONCRETE

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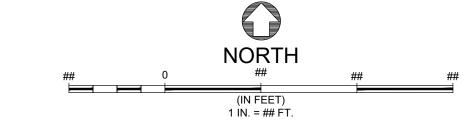
C.301

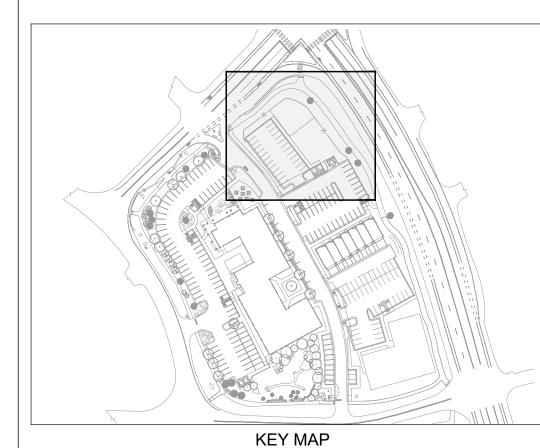
COLORADO CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

Know what's below. Call before you dig.

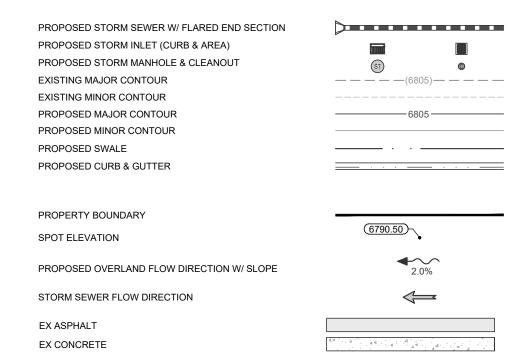
CALL UTILITY NOTIFICATION CENTER OF











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COLORADO

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rading

C.302

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PROPOSED #" SANITARY SEWER W/ MH & C.O.

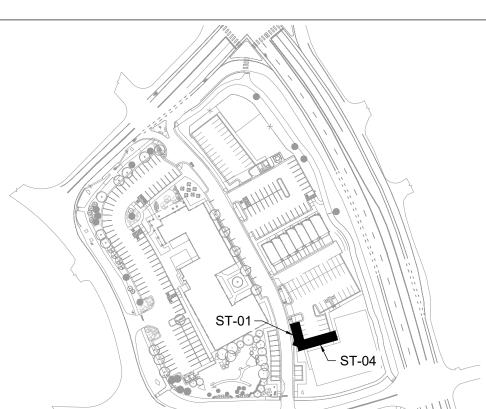
PROPOSED GV, FH & CS PROPOSED STORM SEWER W/ FLARED END SECTION PROPOSED STORM INLET (CURB & AREA)

.

NOTES:

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- EXISTING UNDERGROUND AND OVERHEAD PUBLIC AND PRIVATE UTILITIES AS SHOWN ARE ENGINEER DOES NOT GUARANTEE NOR IS RESPONSIBLE FOR THE ACCURACY OF SUCH LOCATIONS PRIOR TO CONSTRUCTION.
- ION SHALL BE PER THE CITY OF STEAMBOAT SPRINGS STANDARD SPECIFICATIONS, LATEST EDITION.

- 7. SEWER SERVICE SHALL HAVE A MINIMUM OF 4-FT OF COVER.
- 13. THIS DRAWING SHALL NOT TO BE USED FOR CONSTRUCTION OR CONTRACTING PURPOSES.



1 IN. = 20 FT.

KEY MAP NOT TO SCALE

UTILITY PLAN LEGEND:

EXISTING SANITARY SEWER W/ MH & C.O. EXISTING WATER

PROPOSED #" WATER PIPE

PROPOSED STORM MANHOLE & CLEANOUT

APPROX. PAVEMENT SAW CUT



- INDICATED ACCORDING TO THE BEST INFORMATION MADE AVAILABLE TO THE ENGINEER. THE INFORMATION. EXISTING UTILITY MAINS AND SERVICES MAY NOT BE STRAIGHT LINES OR AS INDICATED ON THESE DRAWINGS. CONTRACTOR TO VERIFY EXISTING HORIZONTAL AND VERTICAL
- MAINTAIN 10' HORIZONTAL AND 18" VERTICAL MINIMUM SEPARATION BETWEEN ALL SANITARY SEWER MAINS, WATER MAINS & SERVICES.
- 5. MANHOLES LOCATED OUTSIDE OF THE ROADWAY SHALL PROTRUDE 1' ABOVE EXISTING GRADE TO REDUCE INFILTRATION. GRADE SURFACE TO DRAIN AROUND/AWAY FROM MANHOLE RIMS.
- 6. ALL MANHOLES LOCATED IN THE ROADWAY SHALL HAVE RIM ELEVATIONS ADJUSTED TO $\mbox{\it M}''$ BELOW FINISHED GRADE. IF NECESSARY, CONE SECTIONS SHALL BE ROTATED TO PREVENT LIDS BEING LOCATED WITHIN VEHICLE OR BICYCLE WHEEL PATHS.
- 8. WATER SERVICE SHALL HAVE A MINIMUM OF 7-FT OF COVER. 9. ALL WATER PIPE SHALL BE INSTALLED WITH A #10 SOLID COPPER WIRE COATED WITH 45 MIL POLYETHYLENE FOR LOCATING PURPOSES. "GLENN TEST STATIONS" BY VALVCO, INC TRACER WIRE TEST STATIONS SHALL BE INSTALLED ADJACENT TO ALL FIRE HYDRANTS. ADDITIONAL
- LOCATIONS MAY BE REQUIRED. 10. ALL MATERIALS USED FOR BACKFILL SHALL BE FREE FROM REFUSE ORGANIC MATERIAL, COBBLES, BOULDERS, LARGE ROCKS OR STONES OR FROZEN SOILS GREATER THAN 6-INCHES IN
- 11. ALL TRENCHES SHALL BE COMPACTED TO 95% AS DETERMINED BY ASTM D698 (STANDARD PROCTOR) OR AS SPECIFIED BY GEOTECHNICAL ENGINEER.
- 12. ALL WATER MAINS AND SERVICES (4-INCHES AND LARGER DIAMETER) SHALL BE PVC, NOT D.I.P.





C.310

Profile



NORTH

6670

EXISTING 18" HDPE @ 0.5%

12"X6" HDPE TEE

INV IN=6667.90 E

INV OUT=6667.90 W

129.4 LF 12" HDPE @ 4.0%

EX 18" HDPE STORM

STA=10+29.52 —

DRAIN BASIN 1.1

INV IN=6664.12 NE INV IN=6666.73 E INV OUT=6663.92 W 12"X6" HDPE TEE _

INV IN=6669.17 E

INV OUT=6669.17 W

ST-04 ST-04 10+50

36" HDPE SOLID COVER DRAIN BASIN

ST-04 PLAN & PROFILE

PROFILE SCALE: 1" = 20' (H) 1" = 2' (V)

PROPOSED GRADE -

EXISTING GRADE —

STA=10+61.13 —

DOWNSPOUT CONNECTION

←STA=10+08.22

INV OUT=6669.78 SW

BASECAMP PHASE 2

DOWNSPOUT CONNECTION (RE: ARCHITECTURAL PLANS)

APARTMENTS

─8.7 LF 12" HDPE @ 4.0%

6.6 LF 12" HDPE @ 4.0%

BASECAMP PHASE 2 APARTMENTS

36" HDPE SOLID COVER DRAIN BASIN

DRAIN BASIN 1.1

INV IN=6664.12 NE

INV IN=6666.73 E

INV OUT=6663.92 W

STA=10+00.01

-RIM=6670.77

18" 2'X3' CURB FRAME AND HOOD H-20 DIAGONAL

ST-01 PLAN & PROFILE

PROFILE SCALE: 1" = 20' (H) 1" = 2' (V)

PROPOSED GRADE -

EXISTING GRADE -

32.3 LF 12" HDPE @ 0.5%

8.2 LF 12" HDPE @ 0.5% -

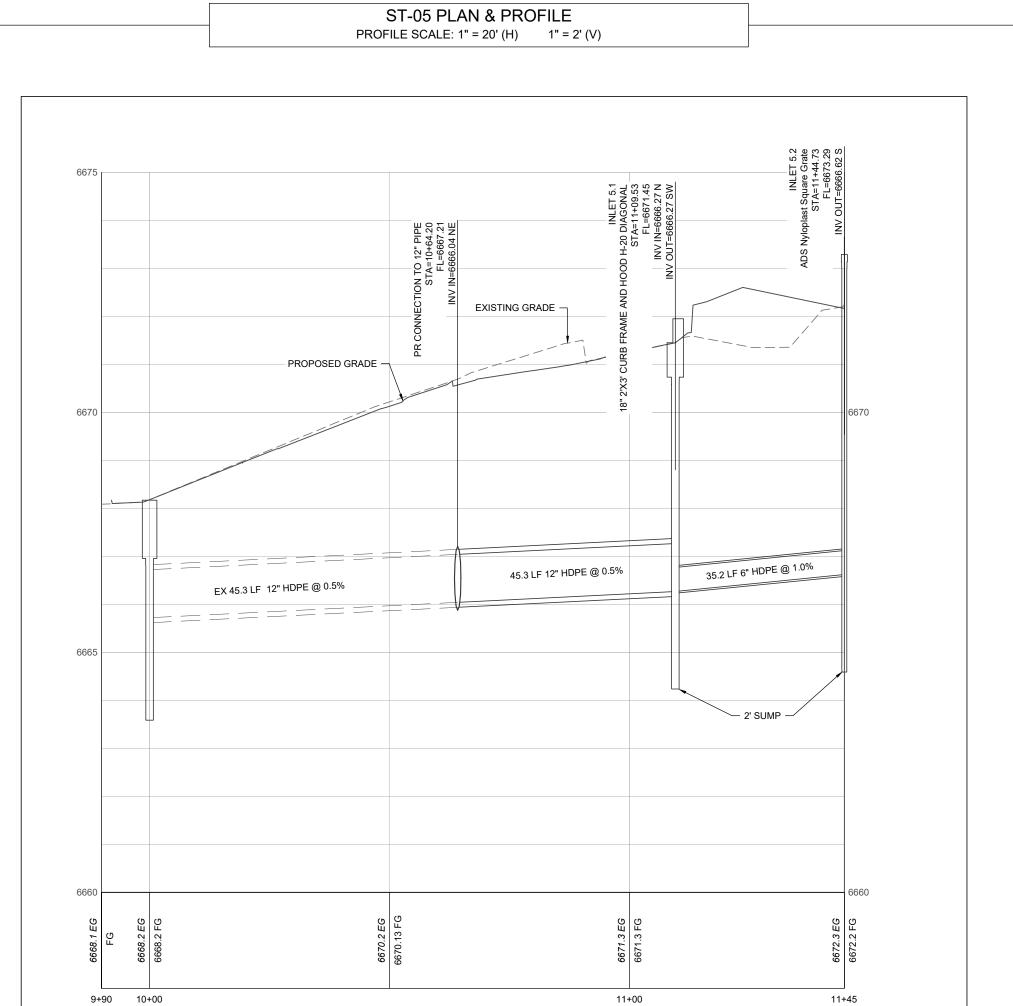
STA=10+40.55 INV OUT=6664.32 S

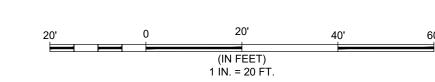
> 18" HDPE 45° BEND STA=10+08.22 — INV IN=6664.16 N INV OUT=6664.16 SW

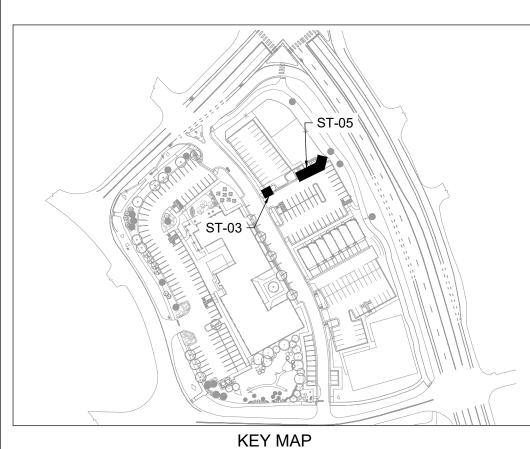
0+41 32.3 LF 12" HDPE @ 0.5%

BASECAMP PHASE 1

6670







UTILITY PLAN LEGEND:

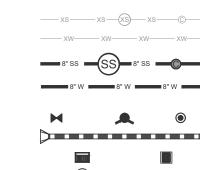
NORTH

EXISTING SANITARY SEWER W/ MH & C.O. EXISTING WATER

PROPOSED #" SANITARY SEWER W/ MH & C.O. PROPOSED #" WATER PIPE

PROPOSED GV, FH & CS PROPOSED STORM SEWER W/ FLARED END SECTION PROPOSED STORM INLET (CURB & AREA)

PROPOSED STORM MANHOLE & CLEANOUT APPROX. PAVEMENT SAW CUT



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COLORADO

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6670 - PROPOSED GRADE EXISTING GRADE -11.9 LF 12" HDPE @ 1.3% — 12" HDPE @ 0.5% 2' SUMP



6675

Profile

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