LEGEND	EXISTING	PROPOSED		
PROPERTY BOUNDARY				
SECTION LINE				
LOT BOUNDARY				
EASEMENT				
SETBACK				
EDGE OF ASPHALT				
CURB				
CURB FLOWLINE				
1/2 FT CONTOUR	— — 5282- — —			
5/10 FT CONTOUR	— — 5280- — —	5280		
EDGE OF GRAVEL				
	$\rightarrow - \cdots \rightarrow - \cdots -$			
WATER MAIN	— XW — XW —			
CURB STOP, GV, FH				
SIGN	<u> </u>			
LIGHT POLE		Å Å		
SEWER MAIN	— XS—— XS—	—		
MANHOLE AND CLEANOUTS	(S) •	(S)		
ELECTRICAL – UNDERGROUND	XE XE			
	XE XE			
ELECTRICAL – OVERHEAD – HIGH		HVE HVE -		
	XE XE	——————————————————————————————————————		
FIBER OPTIC		— FO — FO —		
TELEPHONE	XT XT			
		- UGT UGT		
UTILITY PEDESTALS				
POWER POLE/ LIGHT POLE GAS	XGXG	GAS		
FENCE		X X		
WOODEN FENCE				
PROPOSED EDGE OF CONCRETE				
DECK				
PROPOSED BUILDING				
OVERHANG		<u> </u>		
SIDEWALK/ BOARDWALK				
BASE FLOOD CROSS SECTION				
FEMA SFHA BOUNDARY				
WALL				
VEGETATION OUTLINE				
PROPERTY CORNERS				
STORM INLET				
CULVERT				
ASPHALT				
CONCRETE				
GRAVEL/SOFT SURFACE				
ROCK/RIP RAP				
WETLANDS/WETLANDS REMOVAL	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			

ABBREVIATIONS:

ABBREVIA		
AFF APR A BFE BFF BOW BVC BW C CL CLNG CMP C/O CONC CNR CS D DI DIP DMH DRN DT DW EA EG ELEV ENGR EOA EOA EOA EOA ES FFE FG FH FL FT GFE GB GYP GV HC HP IN	DRAIN DITCH DRIVEWAY EACH EXISTING GRADE ELEVATION	INV LF MAX MOD NO SOP PP PP PP PP PP PP PP PP PP PP PP PP P

	LINEAL FEET
	LOW POINT
X	MAXIMUM
	MINIMUM
)	MODULE
	NATURAL GROUND
	NUMBER
,	NOT TO SCALE
5	OFFSET
)	OVERHEAD DOOR
	POINT OF CURVATURE
)	PEDESTAL
	POINT OF INTERSECTION
	PROPERTY LINE
	PROPOSED
	POINT
	POINT OF VERTICAL CURVE
	POLYVINYL CHLORIDE PIPE
	POINT OF VERTICAL INTERSECTION
	ROAD
	RADIUS
	ROUGH OPENING
V	
	RIGHT-OF-WAY
	RETAINING WALL
	SPECIAL FLOOD HAZARD AREA
	SQUARE FEET
4	SEWER MANHOLE
	SANITARY SEWER
	STATION
UCT	STRUCTURAL
	SIDEWALK
	THRUST BLOCK
)	TO BE DETERMINED
	TO BE REMOVED
V	TOP BACK OF WALK
*	TELEPHONE
)	TOP OF PIPE
	TOP OF
	TYPICAL
-	VOLUME
	VALLEY PAN
	WIDTH
	WATERLINE
	WITH
	WATER QUALITY

DEVELOPMENT PLAN PHASING SEQUENCE

PHASE 1 - SHARED CROSS ACCESS ROAD . INSTALL PERMANENT STORM WATER SWALE AND QUALITY FEATURE

- ALONG EAST PROPERTY LINE.
- CULVERT CROSSING.
- 3. SERVICE MAIN CONNECTION TO EXISTING MANHOLE: INSTALL 8"
- SANITARY SEWER MAIN AND MANHOLE TO SERVE HOTELS A & B.
- CONSTRUCT NEW CROSS ACCESS ROAD TO FAIRFIELD INN. 5.1. CONSTRUCT PARALLEL PARKING STALLS FOR HOTEL A.

6. VACATE EXISTING ACCESS EASEMENT AND ACCESS ROAD TO THE FAIRFIELD INN.

<u>Phase 2 – Hotel A</u> HOTEL A CONSTRUCTION.

2. PARKING LOT CONSTRUCTION. 2.1. TIE INTO STORM SEWER INSTALLED IN PHASE 1.

<u>Phase 3 – Hotel e</u> HOTEL B CONSTRUCTION.

2. PARKING LOT CONSTRUCTION.

2.1. TIE INTO STORM SEWER INSTALLED IN PHASE 1.

2.2. ABANDON TEMPORARY CULVERT IN PLACE (FLOW FILL). 2.3. INSTALL PERMANENT STORM WATER QUALITY FEATURE.

PROJECT CONTACT LIST

PROJECT OWNER

GRAY STONE, LLC – BOB AMIN 83 E. 112th Ave Thornton, CO 80233

PROJECT ARCHITECT

DESIGN CELL ARCHITECTURE

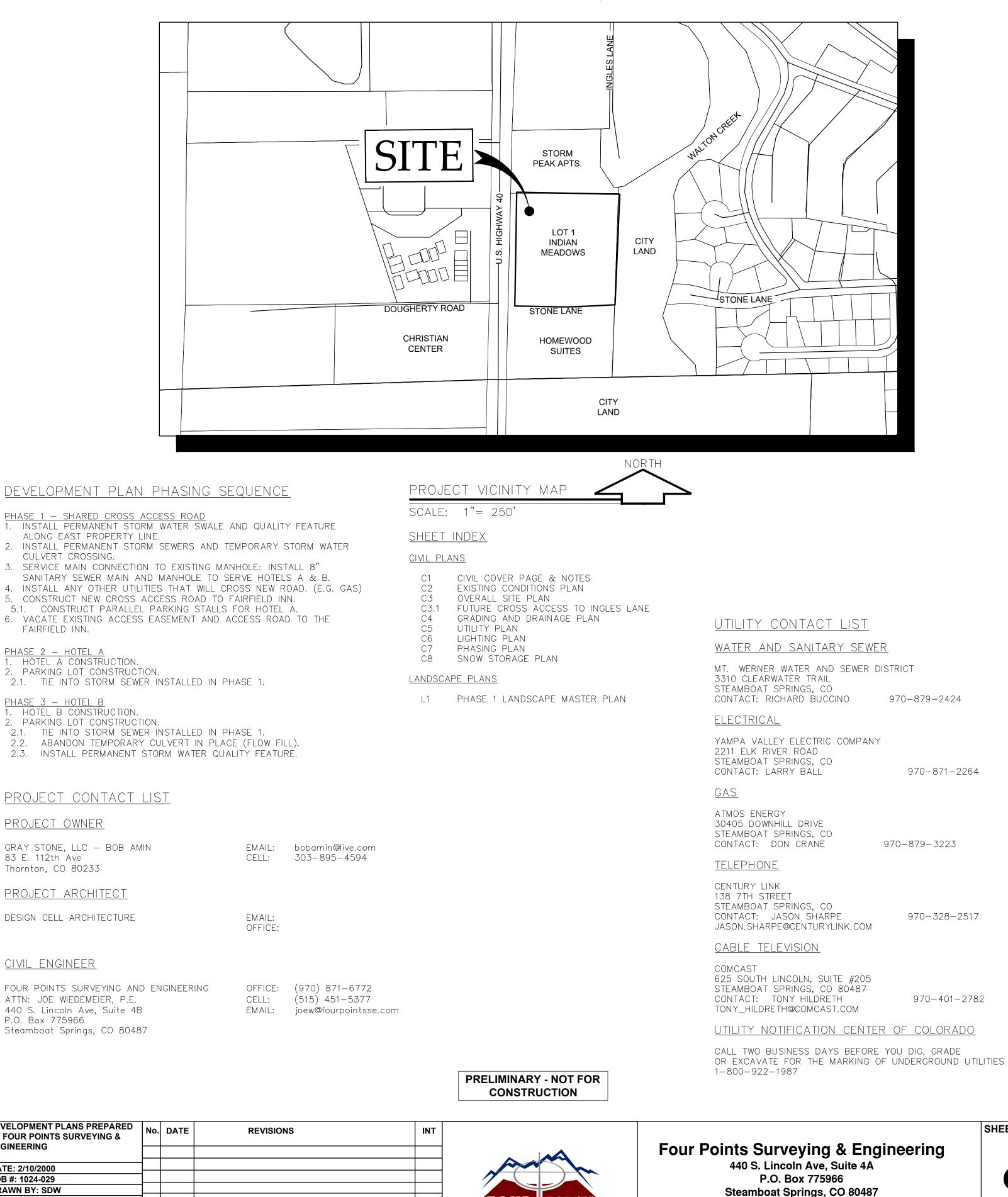
CIVIL ENGINEER

FOUR POINTS SURVEYING AND ENGINEERING ATTN: JOE WIEDEMEIER, P.E. 440 S. Lincoln Ave, Suite 4B P.O. Box 775966 Steamboat Springs, CO 80487

			_
DEVELOPMENT PLANS PREPARED BY FOUR POINTS SURVEYING & ENGINEERING		DATE	
ENGINEERING			Γ
			┢
DATE: 2/10/2000			
JOB #: 1024-029			L
DRAWN BY: SDW			L
DESIGN BY: JLW			
REVIEW BY: RL			
IF THIS DRAWING IS PRESENTED IN A			
FORMAT OTHER THAN 24" X 36", THE GRAPHIC SCALE SHOULD BE UTILIZED.			

PHASE I CIVIL DEVELOPMENT PLAN for LOT 1 INDIAN MEADOWS

(ADDRESS TBD) **STEAMBOAT SPRINGS, CO 80487**



FOUR POINTS

SURVEYING ENGINEERING

GENERAL NOTES:

- 1. BENCHMARK = FOUND RED PLASTIC CAP ON #5 REBAR IN THE NORTHWEST
- PROPERTY CORNER. ELEVATION = 6765.29 (SEE EXISTING CONDITIONS PLAN). 2. EXISTING CONDITIONS SURVEYED BY FOUR POINTS SURVEYING & ENGINEERING
- TOPOGRAPHY GENERATED FROM A COMBINATION OF FIELD SURVEY DATA AND 2018 ROUTT COUNTY GIS LIDAR DATA.
- 3.CITY OF STEAMBOAT SPRINGS REVIEW AND APPROVAL IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF STEAMBOAT SPRINGS ENGINEERING AND CDC DESIGN CRITERIA AND CODE. THE CITY IS NOT RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF THE DRAWINGS. DESIGN, DIMENSIONS, AND ELEVATIONS SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE.
- 4. ONE COPY OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS SHALL BE KEPT ON THE JOB SITE AT ALL TIMES. PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR TO VERIFY WITH PROJECT ENGINEER THE LATEST
- REVISION DATE OF THE APPROVED CONSTRUCTION PLANS. 5. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CALL THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 1-800-922-1987 AND ANY NECESSARY PRIVATE UTILITY TO PERFORM LOCATES PRIOR TO CONDUCTING ANY SITE WORK.
- 6.ALL INFRASTRUCTURE CONSTRUCTION AND RELATED WORK SHALL CONFORM TO THE CITY OF STEAMBOAT SPRINGS STANDARD SPECIFICATIONS, LATEST REVISION.
- 7. ALL WATER AND SANITARY SEWER CONSTRUCTION AND RELATED WORK SHALL CONFORM TO MOUNT WERNER WATER STANDARD SPECIFICATIONS, LATEST EDITION.
- 8. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS REQUIRED TO PERFORM THE WORK SUCH AS RIGHT-OF-WAY PERMIT, GRADING AND EXCAVATION PERMIT, CONSTRUCTION DEWATERING PERMIT, STORM WATER QUALITY PERMIT, ARMY CORP OF ENGINEER PERMIT, ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF ALL APPLICABLE CODES, LICENSES, SPECIFICATIONS, AND STANDARDS NECESSARY TO PERFORM THE WORK, AND BE FAMILIAR WITH THEIR CONTENTS PRIOR TO COMMENCING ANY WORK.
- 9. PRIOR TO ANY WORK IN THE RIGHT-OF-WAY INCLUDING STREET CUTS, CONTACT ROUTT COUNTY ROAD AND BRIDGE FOR PERMIT REQUIREMENTS. 10. PRIOR TO START OF CONSTRUCTION CONTRACTOR SHALL COORDINATE WITH PROJECT ENGINEER TO IDENTIFY PROJECT INSPECTION AND TESTING REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE FOR INSPECTIONS AND TESTING AT AN ADEQUATE FREQUENCY FOR THE PROJECT ENGINEER TO DOCUMENT THAT PROJECT IS CONSTRUCTED IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. PRIOR TO MAKING ANY CHANGES TO THE
- 11. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY TRAFFIC CONTROL. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- 12. CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL (SIGNS, BARRICADES, FLAGMEN, LIGHTS, ETC) IN ACCORDANCE WITH THE MUTCD, CURRENT EDITION.
- 13. CONTRACTOR MUST SUBMIT A CONSTRUCTION SITE MANAGEMENT PLAN (CSMP) AND EROSION CONTROL PLAN (ECP) FOR REVIEW AND APPROVAL BY ROUTT COUNTY PLANNING PRIOR TO START OF CONSTRUCTION. THE CSMP AND ECP MUST BE MAINTAINED ON-SITE AND UPDATED AS NEEDED TO REFLECT CURRENT CONDITIONS.
- 14. THE FOLLOWING PRIVATE IMPROVEMENTS REQUIRE CONSTRUCTION OBSERVATION PER THE CITY OF STEAMBOAT SPRINGS ENGINEERING SERVICES SPECIFICATION OR AS REQUIRED BY THE CITY: WATER, SEWER, AND STORM SEWER.
- 15. RECORD DRAWINGS ARE REQUIRED FOR: PUBLIC AND PRIVATE WATER AND SEWER. 16. ALL STORMWATER PIPE OUTFALLS REQUIRE FLARED END SECTIONS AND RIPRAP. 17. EXISTING ASPHALT PAVEMENT SHALL BE STRAIGHT SAW CUT WHEN ADJOINING WITH NEW ASPHALT PAVEMENT OR WHEN ACCESS TO UNDERGROUND UTILITIES IS REQUIRED. TACK COAT SHALL BE APPLIED TO ALL EXPOSED SURFACES INCLUDING SAW CUTS, POTHOLES, TRENCHES, AND ASPHALT OVERLAY. ASPHALT PATCHES IN THE RIGHT-OF-WAY SHALL BE PER ROUTT COUNTY ROAD AND BRIDGE SPECIFICATIONS.

GRADING:

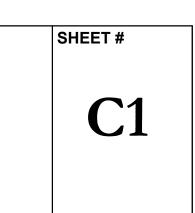
- 1. GRADING SHALL OCCUR WITHIN THE PROPERTY LIMITS. WHERE OFF-SITE WORK IS APPROVED, WRITTEN PERMISSION OF THE ADJACENT PROPERTY OWNER MUST BE OBTAINED PRIOR TO ANY OFF-SITE GRADING OR CONSTRUCTION.
- 2. VEGETATED SLOPES 2:1 AND GREATER REQUIRE SOIL STABILIZATION WITH STRAW
- BLANKET AT MINIMUM UPON FINAL GRADING AND SEEDING/REVEGETATION. 3. ADJUST RIMS OF CLEANOUTS, MANHOLES, VALVE COVERS TO FINAL GRADE.

EROSION CONTROL:

- 1. CONTRACTOR SHALL SUBMIT A CONSTRUCTION SITE MANAGEMENT PLAN (CSMP) TO THE COUNTY PLANNING DEPARTMENT FOR APPROVAL PRIOR TO BUILDING PERMIT ISSUANCE.
- 2. CONTRACTOR SHALL WORK IN A MANNER THAT MINIMIZES THE POTENTIAL FOR EROSION. 3. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING, INSPECTING, AND
- MAINTAINING ALL NECESSARY EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION AND REMOVING EROSION CONTROL WHEN PROJECT IS COMPLETE AND VEGETATION IS ESTABLISHED.
- 4. ANY AREA DISTURBED BY CONSTRUCTION AND NOT PAVED OR NATURAL ROCK SURFACE SHALL BE REVEGETATED WITHIN ONE CONSTRUCTION SEASON.

WATER, SEWER AND UTILITY NOTES:

- 1. EXISTING UTILITY LOCATIONS WERE OBTAINED FROM FIELD LOCATES AND FIELD SURVEYING AND HAVE NOT BEEN VERIFIED WITH ANY ADDITIONAL UNDERGROUND POTHOLING. POTHOLING AND VERIFICATION OF LINE LOCATIONS SHALL BE REQUIRED AT ALL EXISTING UTILITY CROSSINGS.
- 2. MINIMUM SEPARATION BETWEEN PARALLEL WATER AND SEWER MAINS AND SERVICES IS TEN (10') FEET. MINIMUM SEPARATION BETWEEN PARALLEL WATER AND SEWER SERVICE LINES IS TEN (10') FEET.
- 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF MOUNT WERNER WATER STANDARDS AND SPECIFICATIONS, LATEST EDITION.
- 4. MINIMUM COVER FROM FINISHED GRADE TO TOP OF WATER MAIN LINE IS SEVEN (7') FEET UNLESS OTHERWISE NOTED. ALL WATER SERVICE LINES SHALL BE TYPE "K" COPPER AND SEAMLESS BETWEEN FITTINGS.
- 5. MINIMUM SEPARATION BETWEEN UTILITY PEDESTALS AND FIRE HYDRANTS IS FIFTEEN (15') FEET. MINIMUM SEPARATION BETWEEN FIRE HYDRANTS, WATER OR SEWER MAINS, AND ENDS OF CULVERTS IS FIVE (5') FEET. MINIMUM SEPARATION BETWEEN WATER AND SEWER SERVICE LINES IS TEN (10') FEET. NO RIP-RAP IS PERMITTED WITHIN TEN (10') FEET OF A SEWER MAIN.
- 6. VALVES SHALL BE OPERATED BY UTILITY PERSONNEL ONLY.
- 7. SEWER SERVICES ARE ANTICIPATED TO BE FOUR (4") INCH DIAMETER, SDR 35 PVC, MINIMUM SLOPE OF 2%, UNLESS NOTED OTHERWISE. 7.WATER SERVICES ARE ANTICIPATED TO BE ONE (1") INCH DIAMETER, COPPER TYPE K,
- UNLESS NOTED OTHERWISE. 8. DISINFECTION, BACTERIOLOGICAL, AND HYDROSTATIC TESTING IS REQUIRED FOR THE 8" DIP WATER/FIRE SERVICE PIPE.
- 9. ALL MECHÁNICAL JOINTS, RESTRAINT, THRUST BLOCKS AND CROSSING MUST BE OBSERVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL.
- 10. MECHANICAL RESTRAINTS AND THRUST BLOCKS ARE REQUIRED AT ALL BENDS, TEES, REDUCERS AND DEAD ENDS. 11. ALL FITTINGS ASSOCIATED WITH UTILITY INSTALLATION WILL BE ON-SITE PRIOR TO WATER LINE SHUT DOWN.



970-871-2264

970-401-2782

(970)-871-6772

matthew@fourpointsse.com