

LEGEND	EXISTING	PROPOSED
PROPERTY BOUNDARY	_____	_____
SECTION LINE	_____	_____
LOT BOUNDARY	_____	_____
EASEMENT	_____	_____
SETBACK	_____	_____
EDGE OF ASPHALT	_____	_____
CURB	_____	_____
CURB FLOWLINE	_____	_____
1/2 FT CONTOUR	---5282---	---5282---
5/10 FT CONTOUR	---5280---	---5280---
EDGE OF GRAVEL	_____	_____
CENTER LINE OF DITCH	→→→→→	→→→→→
WATER MAIN	⊙ ⊗ ⊗ ⊗	⊙ ⊗ ⊗ ⊗
CURB STOP, GV, FH	⊙ ⊗ ⊗	⊙ ⊗ ⊗
SIGN	⊙ ⊗ ⊗	⊙ ⊗ ⊗
LIGHT POLE	⊙ ⊗ ⊗	⊙ ⊗ ⊗
SEWER MAIN	⊙ ⊗ ⊗ ⊗	⊙ ⊗ ⊗ ⊗
MANHOLE AND CLEANOUTS	⊙ ⊗	⊙ ⊗
ELECTRICAL – UNDERGROUND	—X—X—X—X—	—X—X—X—X—
ELECTRICAL – OVERHEAD	—X—X—X—X—	—X—X—X—X—
ELECTRICAL – OVERHEAD – HIGH VOLTAGE	—X—X—X—X—	—X—X—X—X—
ELECTRICAL–PRIMARY	—X—X—X—X—	—X—X—X—X—
FIBER OPTIC	—X—X—X—X—	—X—X—X—X—
TELEPHONE	—X—X—X—X—	—X—X—X—X—
UNDERGROUND	—X—X—X—X—	—X—X—X—X—
UTILITY PEDESTALS	⊙ ⊗ ⊗ ⊗	⊙ ⊗ ⊗ ⊗
POWER POLE/ LIGHT POLE	⊙ ⊗ ⊗ ⊗	⊙ ⊗ ⊗ ⊗
GAS	—X—X—X—X—	—X—X—X—X—
FENCE	—X—X—X—X—	—X—X—X—X—
WOODEN FENCE	—X—X—X—X—	—X—X—X—X—
PROPOSED EDGE OF CONCRETE	_____	_____
DECK	_____	_____
PROPOSED BUILDING	_____	_____
OVERHANG	_____	_____
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	_____	_____

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR	INV	INVERT
AP	ANGLE POINT	LF	LINAL FEET
APR	APPROXIMATE	LP	LOW POINT
A	ASPHALT	MAX	MAXIMUM
BFE	BASE FLOOD ELEVATION	MIN	MINIMUM
BFF	BASEMENT FINISH FLOOR	MOD	MODULE
BOW	BOTTOM OF WALL	NG	NATURAL GROUND
BVC	BEGIN VERTICAL CURVE	NO	NUMBER
BW	BACK OF WALK	NTS	NOT TO SCALE
C	CURB	O/S	OFFSET
CL	CENTERLINE	OH	OVERHEAD DOOR
CLNG	CEILING	PC	POINT OF CURVATURE
CMP	CORRUGATED METAL PIPE	PED	PEDESTAL
C/O	CLEAN OUT	PI	POINT OF INTERSECTION
CONC	CONCRETE	PL	PROPERTY LINE
CNR	CORNER	PR	PROPOSED
CR	CURB RETURN	PT	POINT
CS	CURB STOP	PVC	POINT OF VERTICAL CURVE
D	DEPTH	PVC	POLYVINYL CHLORIDE PIPE
DI	DRAIN INLET	PVI	POINT OF VERTICAL INTERSECTION
DIP	DUCTILE IRON PIPE	R	ROAD
DMH	DRAINAGE MANHOLE	R	RADIUS
DRN	DRAIN	RO	ROUGH OPENING
DT	DITCH	ROW	RIGHT-OF-WAY
DW	DRIVEWAY	RW	RETAINING WALL
EA	EACH	SFHA	SPECIAL FLOOD HAZARD AREA
EG	EXISTING GRADE	SOFT	SQUARE FEET
ELEV	ELEVATION	SMH	SEWER MANHOLE
ENGR	ENGINEER	SS	SANITARY SEWER
EOA	EDGE OF ASPHALT	STA	STATION
EOW	EDGE OF WALK	STRUCT	STRUCTURAL
EX	EXISTING	SW	SIDEWALK
FES	FLARED END SECTION	TB	THRUST BLOCK
FFE	FINISH FLOOR ELEVATION	TBD	TO BE DETERMINED
FG	FINISH GRADE	TBR	TO BE REMOVED
FH	FIRE HYDRANT	TBW	TOP BACK OF WALK
FL	FLOW LINE	TEL	TELEPHONE
FT	FOOT OR FEET	TOP	TOP OF PIPE
GFE	GARAGE FFE	TO	TOP OF
GB	GRADE BREAK	TYP	TYPICAL
GYP	GYPSUM	VOL	VOLUME
GV	GATE VALVE	VP	VALLEY PAN
HC	HANDICAP RAMP	W	WIDTH
HP	HIGH POINT	WL	WATERLINE
IN	INLET	W/	WITH
		WQ	WATER QUALITY

PROJECT CONTACT LIST

PROJECT OWNER


GRAY STONE, LLC – BOB AMIN	EMAIL: bobamin@live.com
83 E. 112th Ave	CELL: 303–895–4594
Thornton, CO 80233	

PROJECT ARCHITECT

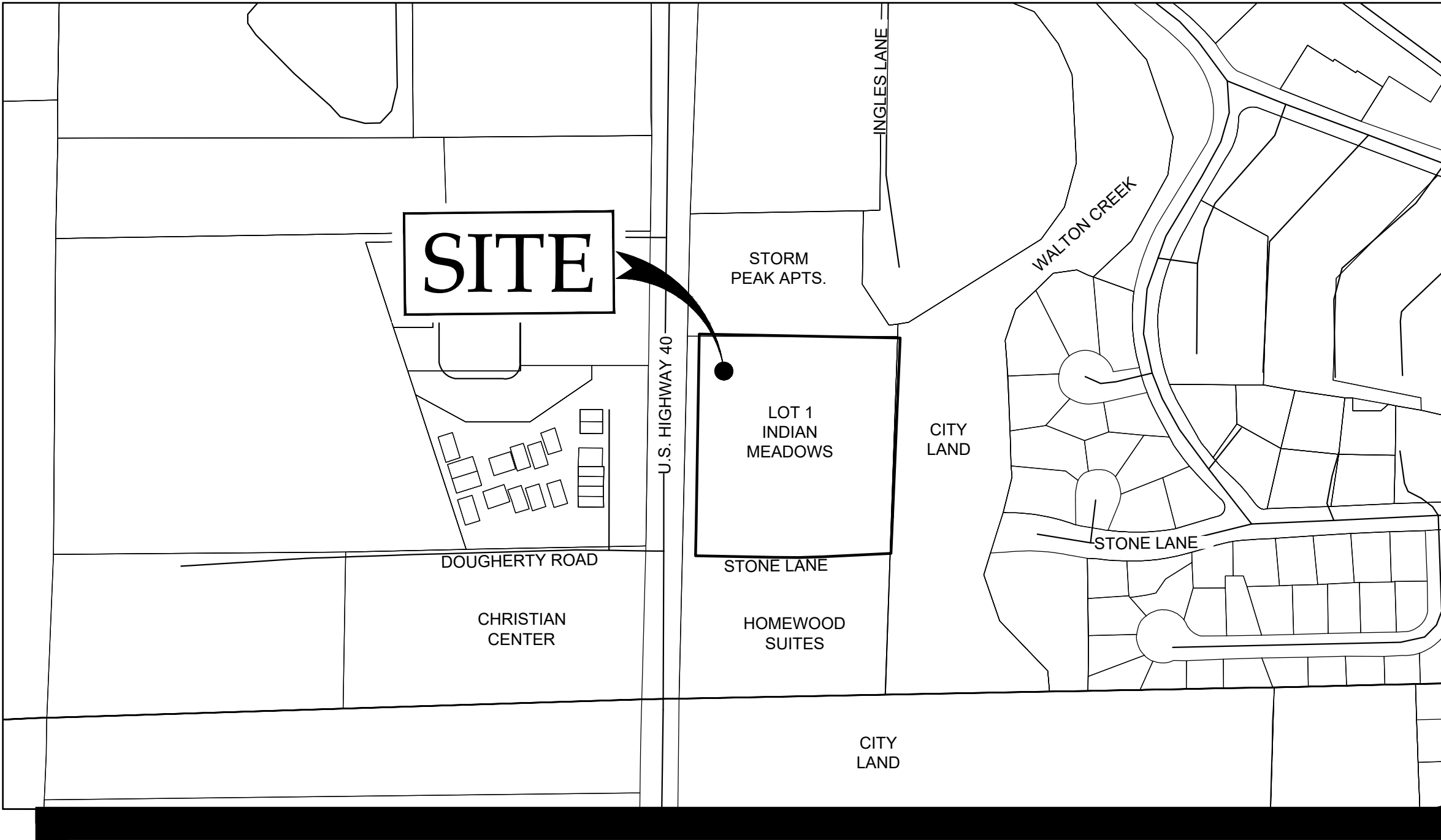
DESIGN CELL ARCHITECTURE	EMAIL: OFFICE:
--------------------------	----------------

CIVIL ENGINEER

FOUR POINTS SURVEYING AND ENGINEERING	OFFICE: (970) 871–6772
ATTN: JOE WIEDEMEIER, P.E.	CELL: (515) 451–5377
440 S. Lincoln Ave, Suite 4B	EMAIL: joew@fourpointssse.com
P.O. Box 775966	
Steamboat Springs, CO 80487	

DEVELOPMENT PLANS PREPARED BY FOUR POINTS SURVEYING & ENGINEERING	No.	DATE	REVISIONS	INT
DATE: 2/10/2000	1	4/20/22	PER DRT COMMENTS, 1ST ROUND	JLW
JOB #: 1024-029				
DRAWN BY: SDW				
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.				
PRELIMINARY - NOT FOR CONSTRUCTION				
<div><div></div><div><div>Four Points Surveying &amp; Engineering</div><div>440 S. Lincoln Ave, Suite 4A</div><div>P.O. Box 775966</div><div>Steamboat Springs, CO 80487</div><div>(970)-871-6772</div><div>matthew@fourpointssse.com</div></div></div>				
SHEET #				C1

PHASE I CIVIL DEVELOPMENT PLAN  
for LOT 1 INDIAN MEADOWS  
(ADDRESS TBD)  
STEAMBOAT SPRINGS, CO 80487



PROJECT VICINITY MAP  
SCALE: 1"= 250'

SHEET INDEX

CIVIL PLANS

C1	CIVIL COVER PAGE & NOTES
C2	EXISTING CONDITIONS PLAN
C3.1	OVERALL SITE PLAN
C3.2	FUTURE CROSS ACCESS TO INGLES LANE
C3.3	SITE PLAN – STONE LANE BRIDGE ADDITION
C4.1	GRADING AND DRAINAGE PLAN
C4.2	CROSS ACCESS ROAD SECTION VIEWS
C5	UTILITY PLAN
C6	LIGHTING PLAN
C7	PHASING PLAN

LANDSCAPE PLANS

L1	PHASE 1 LANDSCAPE MASTER PLAN
----	-------------------------------

GENERAL NOTES:

- BENCHMARK = FOUND RED PLASTIC CAP ON #5 REBAR IN THE NORTHWEST PROPERTY CORNER. ELEVATION = 6765.29 (SEE EXISTING CONDITIONS PLAN).
- EXISTING CONDITIONS SURVEYED BY FOUR POINTS SURVEYING & ENGINEERING. TOPOGRAPHY GENERATED FROM A COMBINATION OF FIELD SURVEY DATA AND 2018 ROUTT COUNTY GIS LIDAR DATA.
- 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.
- 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.
- 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.
- ALL INFRASTRUCTURE CONSTRUCTION AND RELATED WORK SHALL CONFORM TO THE CITY OF STEAMBOAT SPRINGS STANDARD SPECIFICATIONS, LATEST REVISION.
- ALL WATER AND SANITARY SEWER CONSTRUCTION AND RELATED WORK SHALL CONFORM TO MOUNT WERNER WATER STANDARD SPECIFICATIONS, LATEST EDITION.
- 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.
- PRIOR TO ANY WORK IN THE RIGHT-OF-WAY INCLUDING STREET CUTS, CONTACT ROUTT COUNTY ROAD AND BRIDGE FOR PERMIT REQUIREMENTS.
- 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
- 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.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL (SIGNS, BARRICADES, FLAGMEN, LIGHTS, ETC) IN ACCORDANCE WITH THE MUTCD, CURRENT EDITION.
- 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.
- 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.
- RECORD DRAWINGS ARE REQUIRED FOR: PUBLIC AND PRIVATE WATER AND SEWER.
- ALL STORMWATER PIPE OUTFALLS REQUIRE FLARED END SECTIONS AND RIPRAP.
- 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:

- 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.
- VEGETATED SLOPES 2:1 AND GREATER REQUIRE SOIL STABILIZATION WITH STRAW BLANKET AT MINIMUM UPON FINAL GRADING AND SEEDING/REVEGETATION.
- ADJUST RIMS OF CLEANOUTS, MANHOLES, VALVE COVERS TO FINAL GRADE.

EROSION CONTROL:

- CONTRACTOR SHALL SUBMIT A CONSTRUCTION SITE MANAGEMENT PLAN (CSMP) TO THE COUNTY PLANNING DEPARTMENT FOR APPROVAL PRIOR TO BUILDING PERMIT ISSUANCE.
- CONTRACTOR SHALL WORK IN A MANNER THAT MINIMIZES THE POTENTIAL FOR EROSION.
- 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.
- ANY AREA DISTURBED BY CONSTRUCTION AND NOT PAVED OR NATURAL ROCK SURFACE SHALL BE REVEGETATED WITHIN ONE CONSTRUCTION SEASON.

WATER, SEWER AND UTILITY NOTES:

- EXISTING UTILITY LOCATIONS WERE OBTAINED FROM FIELD LOCATES AND FIELD SURVEYING AND HAVE NOT BEEN VERIFIED WITH ANY ADDITIONAL UNDERGROUND POTHOLOGING. POTHOLOGING AND VERIFICATION OF LINE LOCATIONS SHALL BE REQUIRED AT ALL EXISTING UTILITY CROSSINGS.
- 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.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF MOUNT WERNER WATER STANDARDS AND SPECIFICATIONS, LATEST EDITION.
- 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.
- 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.
- VALVES SHALL BE OPERATED BY UTILITY PERSONNEL ONLY.
- SEWER SERVICES ARE ANTICIPATED TO BE FOUR (4") INCH DIAMETER, SDR 35 PVC. MINIMUM SLOPE OF 2%, UNLESS NOTED OTHERWISE.
- WATER SERVICES ARE ANTICIPATED TO BE ONE (1") INCH DIAMETER, COPPER TYPE K, UNLESS NOTED OTHERWISE.
- DISINFECTION, BACTERIOLOGICAL, AND HYDROSTATIC TESTING IS REQUIRED FOR THE 8" DIP WATER/FIRE SERVICE PIPE.
- ALL MECHANICAL JOINTS, RESTRAINT, THRUST BLOCKS AND CROSSING MUST BE OBSERVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL.
- MECHANICAL RESTRAINTS AND THRUST BLOCKS ARE REQUIRED AT ALL BENDS, TEES, REDUCERS AND DEAD ENDS.
- ALL FITTINGS ASSOCIATED WITH UTILITY INSTALLATION WILL BE ON-SITE PRIOR TO WATER LINE SHUT DOWN.