

SEEDING AND MULCHING SHALL BE APPLIED IMMEDIATELY FOLLOWING THE COMPLETION OF ANY PHASE OF GRADING. ALL DISTURBED AREAS SHALL BE DRESSED TO A DEPTH OF FIVE (5) INCHES. THE TOP TWO (2) INCHES SHALL BE PULVERIZED TO PROVIDE A UNIFORM SEEDBED. AGRICULTURAL LIME SHALL BE APPLIED AT THE RATE OF 95 LBS./1000 SQ. FT. IMMEDIATELY BEFORE SEED BED PREPARATION. GRASS SEED SHALL BE APPLIED AT THE RATES OUTLINED IN "TABLE 7-1: SEEDING AND MULCHING".

5-10-10 FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AT A RATE OF 21 LBS./1000 SQ. FT. MULCHING SHALL CONSIST OF SMALL GRAIN STRAW APPLIED AT A RATE OF 70 LBS./1000 SQ. FT. MULCHED AREAS SHALL BE TACKED WITH AN APPROVED METHOD SUFFICIENT TO HOLD THE STRAW IN PLACE. REFER TO CHAPTER 3 OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES (NCDENR) EROSION AND SEDIMENTATION CONTROL PLANNING AND DESIGN MANUAL FOR MORE DETAILS CONCERNING SEEDING AND MULCHING PROCEDURES. IF ACTIVE CONSTRUCTION CEASES IN ANY AREA FOR MORE THAN 14 DAYS, GROUND COVER IS REQUIRED TO ALL DISTURBED AS DESCRIBED IN "APPENDIX C: GROUND COVER".

TBALE 7-1: SEEDING AND MULCHING						
SEEDING AREA, DATES & TYPES						
AREA TYPE	SEEDING DATE & Types					
	AUGUST 1- JUNE1		MAY 1 - SEPTEMBER 1			
	LBS/ACRE	SEED TYPE & FERTILIZER	LBS/ACRE	SEED TYPE & FERTILIZER		
SHOULDER AND MEDIAN	20	KENTUCKY BLUE GRASS	20	KENTUCKY BLUE GRASS		
	75	HARD FESCUE	75	HARD FESCUE		
	25	RYE GRAIN	10	GERMAN OR BLOWTOP MILLET		
	500	FERTILIZER	500	FERTILIZER		
	4000	LIMESTONE	4000	LMESTONE		
AREAS BEYOND THE MOWING PATTERN, WASTE, AND BORROW AREAS	100	TALL FESCUE	100	TALL FESCUE		
	15	KENTUCKY BLUE GRASS	15	KENTUCKY BLUE GRASS		
	30	HARD FESCUE	30	HARD FESCUE		
	25	RYE GRAIN	10	GERMAN OR BLOWTOP MILLET		
	500	FERTILIZER	500	FERTILIZER		
	4000	LIMESTONE	4000	LMESTONE		
APPROVED CULTIVARS						
CULTIVAR TYPE	CULTIVAR NAMES					
TALL FESCUE	2ND MILLENIUM	COYOTE	INFERNO	OLYMPIC GOLD	SIGNIA	
	AVENGER	DAVINCI	JUSTICE	PADRE	SILVERSTAR	
	BARLEXAS	DYNASTY	JAGUAR 3	PARAISO	SOUTHERN CHOICE II	
	BARLEXAS II	DOMINION	KALAHARI	PISCASSO	STETSON	
	BARRERA	DUSTER	KENTUCKY 31	PIEDMONT	TARHEEL	
	BARRINGTON	ENDEAVOR	KITTY HAWK	PURE GOLD	TITAN LTD	
			KITTY HAWK 2000	PROSPECT	TITANIUM	
	BILTMORE	ESCALADE				
	BINGO	FALCON II, III, IV, & V	LEXINGTON	QUEST	TOMAHAWK	
	BARVO	FIDELIT	MAGELLAN	REBEL EXEDA	TACER	
	CAYENNE	FINESSE II	MASTERPIECE	REBEL SENTRY	TROOPER	
	CHAPEL HILL	FIREBIRD	MATADOR	REGIMENT II	TURBO	
	CHEASAPEAKE	FOCUS	MATADOR GT	REMBRANDT	ULTIMATE	
	CONSTITUTION	GRANDE II	MILLENNIUM	RENDITION	WATCHDOG	
	CHIPPER	GREENKEEPER	MONTAUK	SCORPION	WOLFPACK	
	CORONADO	GREYSTONE	MUSTANG 3	SHELBY		
	KENTUCKY BLUEGRASS	ALPINE	AWARD	CHAMPAGNE	MIDNIGHT	SONOR
		APOLLO	BARIRIS	CHICAGO II	MIDNIGHT II	SONOR
		ARCADIA	BEDAZZLED	ENVICTA	RUGBY	
		ARROW	BORDEAUX	IMPACT	RUGBY	

ON CUT AND FILL SLOPES GREATER THAN 2:1 EROSION CONTROL MATTING SHALL BE INSTALLED.

FERTILIZER SHALL BE 10-20-20 ANALYSIS. A DIFFERENT ANALYSIS OF FERTILIZER MAY BE USED PROVIDED THE 1-2-2 RATIO IS MAINTAINED AND THE RATE OF APPLICATION ADJUSTED TO PROVIDE THE SAME AMOUNT OF PLANT FOOD AS 10-20-20 ANALYSIS AND AS DIRECTED.

NOTE: CONSULT SOIL CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDEED AREAS. THE ABOVE VEGETATION RATES ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS.

TEMPORARY SEEDING: DERTILIZER SHALL BE THE SAME ANALYSIS SPECIFIED FOR SEEDING AND MULCHING AND APPLIED AT THE RATE OF 400 POUNDS AND SEEDED AT THE RATE OF 100 POUNDS PER ACRE. GERMAN MILLET OR BROWNTOP MILLET SHALL BE USED IN SUMMER MONTHS AND RYE GRAIN DURING THE REMAINDER OF THE YEAR. THE ENGINEER WILL DETERMINE THE EXACT DATES FOR USING EACH KIND OF SEED.

FERTILIZER TOPDRESSING: FERTILIZER USED FOR TOPDRESSING SHALL BE 16-8-8 GRADE AND SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE. A DIFFERENT ANALYSIS OF FERTILIZER MAY BE USED PROVIDED THE 2-1-1 RATIO IS MAINTAINED AND THE RATE OF APPLICATION ADJUSTED TO PROVIDE THE SAME AMOUNT OF PLANT FOOD AS 16-8-8 ANALYSIS AND AS DIRECTED.

SUPPLEMENTAL SEEDING: THE KIND OF SEED AND PROPORTIONS SHALL BE THE SAME AS SPECIFIED FOR SEEDING AND MULCHING, AND THE RATE OF APPLICATION MAY VARY FROM 125 TO 75 POUNDS PER ACRE. THE ACTUAL RATE PER ACRE WILL BE DETERMINED PRIOR TO THE TIME OF TOPDRESSING AND THE CONTRACTOR WILL BE NOTIFIED IN WRITING OF THE RATE PER ACRE, TOTAL QUANTITY NEEDED, AND AREAS ON WHICH TO APPLY THE SUPPLEMENTAL SEED. MINIMUM TILAGE EQUIPMENT, CONSISTING OF A SOD SEEDER SHALL BE USED FOR INCORPORATING SEED INTO THE SOILS TO PREVENT DISTURBANCE OF EXISTING VEGETATION. A CLODBUSTER (BALL AND CHAIN) MAY BE USED WHERE DEGREE OF SLOPE PREVENTS THE USE OF A SOD SEEDER.

MOWING: THE MINIMUM MOWING HEIGHT SHALL BE SIX INCHES.

ALL PERMANENT MEASURES ARE TO BE PERFORMED IN STRICT ACCORDANCE WITH REQUIREMENTS OF NCDENR. THE FOLLOWING APPLY TO AREAS WITHIN NCDENR PERMANENT SEEDING MIXTURE AREA #1M:

SPECIES	RATE (LB/ACRE)
TALL FESCUE	100
SERICEA LESPEDEZA	20 (AFTER AUG. 1, USE UNSCARIFIED SEED)
KOREAN LESPEDEZA	10
REITOP	5
KENTUCKY BLUEGRASS	5

NURSE PLANTS:  
BETWEEN MAY 1 AND AUG. 15, ADD 10 LB/ACRE GERMAN MILLET OR 15 LB/ACRE SUDANGRASS. PRIOR TO MAY 1 OR AFTER AUG. 15, ADD 40 LB/ACRE RYE (GRAIN). IT MAY BE BENEFICIAL TO PLANT THE GRASSES IN LATE SUMMER AND OVERSEED THE LESPEDEZAS IN MARCH.

SEEDING DATES:	BEST	POSSIBLE
BELOW 2500 FT:	AUG. 15 - SEPT. 1 MAR. 1 - APR. 1	JULY 25 - SEPT. 15 MAR. 1 - MAY 10
ABOVE 2500 FT:	JULY 25 - AUG. 15 MAR. 20 - APR. 20	JULY 15 - AUG. 30 MAR. 5 - MAY 15

COMPLETE SEEDING EARLIER IN FALL, AND START LATER IN SPRING ON NORTH- AND EAST-FACING SLOPES.

SOIL AMENDMENTS:  
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS OR APPLY 4,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1,000 LB/ACRE 5-10-10 FERTILIZER.

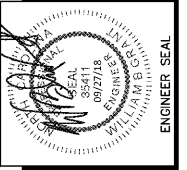
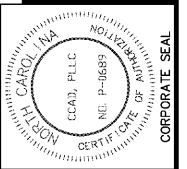
MULCH:  
APPLY 4,000-5,000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCHING MATERIAL. ANCHOR MULCH BY TACKING WITH ASPHALT, ROVING, OR NETTING. NETTING IS THE PREFERRED ANCHORING METHOD ON STEEP SLOPES.

MAINTENANCE:  
MOW NO MORE THAN ONCE A YEAR. REFERTILIZE IN THE SECOND YEAR UNLESS GROWTH IS FULLY ADEQUATE. RESEED, FERTILIZE, AND MULCH DAMAGED AREAS IMMEDIATELY.

- SEWER CONSTRUCTION ON THIS SITE MUST BE AUTHORIZED BY PERMITS ISSUED BY THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY (MSD). ALL SITEWORK SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL REGULATORY STANDARDS, AND ALL REQUIREMENTS IN THE PROJECT TECHNICAL SPECIFICATIONS. REQUIREMENTS AND SPECIFICATIONS OF MSD STANDARDS SUPERSEDE ALL OTHERS IN THE INSTALLATION OF THE PROPOSED SEWER EXTENSION.
- CONTRACTOR TO VERIFY WITH ENGINEER THAT THE REQUIRED SEWER PERMITS AND ASSOCIATED NON-SEWER PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR TO PROVIDE COPY OF STREET CUT PERMIT TO MSD PRIOR TO CONSTRUCTION.
- ALL CONSTRUCTION SHALL BE UNDER THE INSPECTION OF THE ENGINEER, THE OWNER, THE METROPOLITAN SEWERAGE DISTRICT, THE ENGINEER SHALL PERIODICALLY INSPECT THE PROGRESS OF INSTALLATION AND SHALL COMPLETE A FINAL WATER AND SEWER INSPECTION. THE CONTRACTOR SHALL FURNISH, SECURE, AND PROVIDE ALL NECESSARY TESTING MATERIALS, EQUIPMENT, PROCEDURES, AND CERTIFIED LABORATORY TEST RESULTS FOR USE WITH ENGINEERS FINAL CERTIFICATION OF COMPLETION. ANY WORK COVERED PRIOR TO ENGINEER'S INSPECTION IS SUBJECT TO UNCOVERING AND BACKFILLING AT THE CONTRACTOR'S EXPENSE.
- ALL WORK MUST BE PERFORMED BY A NORTH CAROLINA LICENSED UTILITY CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE EXACT LOCATION AND ELEVATION FOR ALL UTILITIES PRIOR TO CONSTRUCTION, AND TO NOTIFY ENGINEER OF ANY CONFLICTS OR DISCREPANCIES. THE LOCATION OF SOME UTILITIES SHOWN ON THE PLANS HAVE BEEN APPROXIMATED. ALL BURIED UTILITIES HAVE NOT BEEN SHOWN ON THE PLANS AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR LOCATION PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROTECT EXISTING AND NEWLY BUILT UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO UTILITIES INCURRED DURING OR RESULTING FROM CONSTRUCTION ACTIVITY IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS TO BE REPAIRED IN ACCORDANCE WITH APPLICABLE STANDARDS OF APPROPRIATE AGENCIES AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AT LEAST 72 HOURS BEFORE CONSTRUCTION ACTIVITY IS TO BEGIN. THE CONTRACTOR SHALL NOTIFY NC ONE CALL AT 1-800-632-4949, 48 HOURS BEFORE CONSTRUCTION BEGINS. NOTIFY THE ENGINEER AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION OF SEWER AND WATER FACILITIES.
- EROSION CONTROL IS FIELD PERFORMANCE BASED AND CONTRACTOR SHALL INSTALL AND MAINTAIN ANY EROSION CONTROL MEASURES NECESSARY TO ASSURE MAXIMUM PROTECTION OF THE SITE. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL MEASURES REQUIRED TO CONTROL SEDIMENT DURING INSTALLATION OF ALL WATER PIPES AND APPURTENANCES.
- SAFETY AND TRAFFIC ROUTING TO BE MAINTAINED WITHIN AND IN STRICT ACCORDANCE WITH NCDOT GUIDELINES FOR CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATION.
- ALL SEWER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH NC PLUMBING CODES AND ALL REQUIREMENTS PER LOCAL AUTHORITIES. COORDINATE EXACT LOCATIONS OF SERVICE LINES WITH THE ARCHITECTURAL, PLUMBING, AND LANDSCAPING PLANS. SEWER METER ASSEMBLY LOCATIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO FINAL VERIFICATION. COORDINATE EXACT LOCATIONS OF SERVICE LINES AND APPURTENANCES WITH THE ARCHITECTURAL, PLUMBING, AND LANDSCAPING PLANS.
- ALL FERROUS UNDERGROUND WATER LINES OUTSIDE BUILDING FOOTPRINT SHALL BE REQUIRED TO HAVE A MAGNETIC- TYPE WARNING TAPE INSTALLED. THE TAPE SHALL BE AT LEAST 6" BELOW GRADE.
- CONTRACTOR TO INSTALL 3" COVER WHERE THE MINIMUM OF 3" COVER OR AT UTILITY CROSSINGS WHERE MINIMUM VERTICAL SEPARATION REQUIRED. PIPE MATERIAL MUST TRANSITION TO D.I.P. 10" PRIOR TO CROSSING VIA A SOLID SLEEVE COUPLING AND EXTEND TO THE NEXT WHOLE.
- INSTALL FERROUS PIPING FOR BOTH WATER AND SEWER WITHIN 10' OF A CROSSING IF:  
A. SEWER LINE CROSSES OVER WATER, OR  
B. VERTICAL CLEARANCE BETWEEN WATER AND SEWER IS LESS THAN 18"  
C. MAINTAIN 10" HORIZONTAL SEPARATION BETWEEN SEWER AND WATER MAINS UNLESS LAID IN SEPARATE TRENCHES WITH THE BOTTOM OF THE WATER LINE AT LEAST 18" ABOVE THE TOP OF SEWER OR USE FERROUS MATERIAL FOR BOTH WATER AND SANITARY SEWER.
- MAINTAIN 12" VERTICAL SEPARATION BETWEEN STORM DRAIN AND SANITARY SEWER, OR INSTALL FERROUS MATERIAL ON THE SANITARY SEWER WITHIN 10' EACH SIDE OF THE CROSSING.
- CONTRACTOR RESPONSIBLE FOR ADJUSTING EXISTING WATER APPURTENANCES AS NECESSARY DUE TO ANY SITE CONSTRUCTION OR INSTALLATION.
- TRENCH BACKFILL AND COMPACTION TESTING SHALL BE PERFORMED BY A CERTIFIED SOILS LABORATORY UNDER ALL PAVED AREAS.
- THE ENTIRE SEWER EASEMENT MUST BE CLEAR AND REMAINED CLEARED OF TREE PLANTINGS, EXISTING TREES, AND ANY PERMANENT STRUCTURES.
- CONTRACTOR SHALL SUPPLY THE ENGINEER WITH RECORD OF DEVIATIONS FROM PLANS FOR PREPARATION OF FINAL RECORD DRAWINGS.
- THE PERMITS REQUIRE CERTIFICATION OF COMPLETION BY THE ENGINEER OF THE SEWER SYSTEMS PRIOR TO ISSUANCE OF FINAL OPERATION APPROVAL BY THE METROPOLITAN SEWERAGE DISTRICT. SECURE FINAL OPERATIONAL APPROVAL FROM MSD PRIOR TO ACTIVATION OF THE SYSTEM.

- WATER CONSTRUCTION ON THIS SITE MUST BE AUTHORIZED BY PERMITS ISSUED BY THE CITY OF ASHEVILLE WATER DEPARTMENT. ALL SITEWORK SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL REGULATORY STANDARDS; AND ALL REQUIREMENTS IN THE PROJECT TECHNICAL SPECIFICATIONS.
- CONTRACTOR TO VERIFY WITH ENGINEER THAT THE REQUIRED WATER PERMITS AND ASSOCIATED NON-WATER PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION SHALL BE UNDER THE INSPECTION OF THE ENGINEER, THE OWNER, AND THE CITY OF ASHEVILLE. THE ENGINEER SHALL PERIODICALLY INSPECT THE PROGRESS OF INSTALLATION AND SHALL COMPLETE A FINAL WATER AND SEWER INSPECTION. THE CONTRACTOR SHALL FURNISH, SECURE, AND PROVIDE ALL NECESSARY TESTING MATERIALS, EQUIPMENT, PROCEDURES, AND CERTIFIED LABORATORY TEST RESULTS FOR USE WITH ENGINEERS FINAL CERTIFICATION OF COMPLETION. ANY WORK COVERED PRIOR TO ENGINEER'S INSPECTION IS SUBJECT TO UNCOVERING AND BACKFILLING AT THE CONTRACTOR'S EXPENSE.
- ALL WORK MUST BE PERFORMED BY A NORTH CAROLINA LICENSED UTILITY CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE EXACT LOCATION AND ELEVATION FOR ALL UTILITIES PRIOR TO CONSTRUCTION, AND TO NOTIFY ENGINEER OF ANY CONFLICTS OR DISCREPANCIES. THE LOCATION OF SOME UTILITIES SHOWN ON THE PLANS HAVE BEEN APPROXIMATED. ALL BURIED UTILITIES HAVE NOT BEEN SHOWN ON THE PLANS AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR LOCATION PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROTECT EXISTING AND NEWLY BUILT UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO UTILITIES INCURRED DURING OR RESULTING FROM CONSTRUCTION ACTIVITY IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS TO BE REPAIRED IN ACCORDANCE WITH APPLICABLE STANDARDS OF APPROPRIATE AGENCIES AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AT LEAST 72 HOURS BEFORE CONSTRUCTION ACTIVITY IS TO BEGIN. THE CONTRACTOR SHALL NOTIFY NC ONE CALL AT 1-800-632-4949, 48 HOURS BEFORE CONSTRUCTION BEGINS. NOTIFY THE ENGINEER AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION OF SEWER AND WATER FACILITIES.
- EROSION CONTROL IS FIELD PERFORMANCE BASED AND CONTRACTOR SHALL INSTALL AND MAINTAIN ANY EROSION CONTROL MEASURES NECESSARY TO ASSURE MAXIMUM PROTECTION OF THE SITE. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL MEASURES REQUIRED TO CONTROL SEDIMENT DURING INSTALLATION OF ALL WATER PIPES AND APPURTENANCES.
- ALL WATER LINES AND SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH NC PLUMBING CODES AND THE CITY OF ASHEVILLE WATER RESOURCES DEPARTMENT DESIGN & CONSTRUCTION MANUAL. WATER LINE AND METER ASSEMBLY LOCATIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO FINAL VERIFICATION. COORDINATE EXACT LOCATIONS OF SERVICE LINES AND APPURTENANCES WITH THE ARCHITECTURAL, PLUMBING, AND LANDSCAPING PLANS.
- CONTRACTOR TO PROVIDE 5' MIN. LATERAL SEPARATION BETWEEN WATER LINE AND OTHER UNDERGROUND UTILITIES. SEE DETAILS FOR GENERAL NOTES CONCERNING WATER MAIN INSTALLATION REQUIREMENTS.
- A 3' COVER DEPTH SHALL BE MAINTAINED FOR ALL PROPOSED WATER LINES, ANY NECESSARY FIELD ADJUSTMENTS MUST BE APPROVED BY THE ENGINEER AND THE CITY INSPECTOR.
- INSTALL FERROUS PIPING FOR BOTH WATER AND SEWER WITHIN 10' OF A CROSSING IF:  
A. SEWER LINE CROSSES OVER WATER, OR  
B. VERTICAL CLEARANCE BETWEEN WATER AND SEWER IS LESS THAN 18"  
C. MAINTAIN 10" HORIZONTAL SEPARATION BETWEEN SEWER AND WATER MAINS UNLESS LAID IN SEPARATE TRENCHES WITH THE BOTTOM OF THE WATER LINE AT LEAST 18" ABOVE THE TOP OF SEWER OR USE FERROUS MATERIAL FOR BOTH WATER AND SANITARY SEWER.
- MAINTAIN 12" VERTICAL SEPARATION BETWEEN STORM DRAIN AND WATER.
- CITY OF ASHEVILLE OWNERSHIP AND MAINTENANCE ENDS AT WATER METER AND/OR THE FIRE LINE ISOLATION VALVE. WATER SYSTEM BEYOND IS TO BE PRIVATELY OWNED AND MAINTAINED.
- METERS, VAULTS, AND FIRE HYDRANTS ARE TO BE PLACED IN RELATIVELY FLAT AREAS.
- BRASS FITTINGS MUST BE LEAD FREE PER CITY OF ASHEVILLE REQUIREMENTS.
- CONTRACTOR RESPONSIBLE FOR ADJUSTING EXISTING WATER APPURTENANCES AS NECESSARY DUE TO ANY SITE CONSTRUCTION OR INSTALLATION.
- TRENCH BACKFILL AND COMPACTION TESTING SHALL BE PERFORMED BY A CERTIFIED SOILS LABORATORY UNDER ALL PAVED AREAS.
- CONTRACTOR SHALL SUPPLY THE ENGINEER WITH RECORD OF DEVIATIONS FROM PLANS FOR PREPARATION OF FINAL RECORD DRAWINGS.
- PRESSURE TEST WATER MAINS TO 200 PSI MIN. AND 250 PSI MAX. AS PER CITY OF ASHEVILLE REQUIREMENTS. DISINFECT WATER LINES AND PROVIDE ACCEPTABLE BACTERIOLOGICAL TEST FROM A CERTIFIED TESTING LABORATORY FOR USE WITH THE ENGINEERS CERTIFICATION OF COMPLETION.
- THE PERMITS REQUIRE CERTIFICATION OF COMPLETION BY THE ENGINEER OF THE WATER SYSTEM PRIOR TO ISSUANCE OF FINAL OPERATION APPROVAL BY THE CITY OF ASHEVILLE. SERVICE WILL BE PROVIDED ONCE FINAL CLOSEOUT SUBMITTALS HAVE BEEN APPROVED BY THE CITY OF ASHEVILLE'S ENGINEERING DEPARTMENT.
- CROSS-CONNECTION CONTROL PROTECTION DEVICES ARE REQUIRED BASED ON DEGREE OF HEALTH HAZARD INVOLVED AS LISTED IN APPENDIX-B OF THE RULES GOVERNING PUBLIC WATER SYSTEMS IN NORTH CAROLINA. THESE GUIDELINES ARE THE MINIMUM REQUIREMENTS. THE DEVICES SHALL MEET AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE) STANDARDS OR BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA APPROVAL LIST. THE DEVICES SHALL BE INSTALLED AND TESTED (BOTH INITIAL AND PERIODIC TESTS THEREAFTER) IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OR THE LOCAL CROSS-CONNECTION CONTROL PROGRAM, WHICHEVER IS MORE STRINGENT.

NO.	DATE	CITY COUNCIL	INITIAL	REVISION
A	01/08/18			OWNER'S REQUEST
B	08/09/18			SITE DESIGN MODIFICATION
C	08/22/18			REV PER HILTON AD. UTILITY WASTE SYSTEM
D	08/20/18			REV PER COMMENTS FROM ARCHITECT
E	09/14/18			FINAL TRC SUBMITTAL
F	09/27/18			ADDENDUM C



**CCAD ENGINEERING**  
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**Project:** Airport Road Hotel  
Site Development Plans  
Arden, North Carolina

**Municipality General Notes**  
DATE: 01/08/2018  
SCALE: N.T.S.  
DRAWN: CCAD  
CHECKED: WBC  
PROJECT #: C03082E