

THE WILSON GROUP
NC CERTIFICATE NUMBER 51140

PO BOX 5510
CHARLOTTE, NC 28299
(704) 331-9747 • (704) 331-9748 FAX

CIVIL ENGINEER
TALBERT & BRIGHT

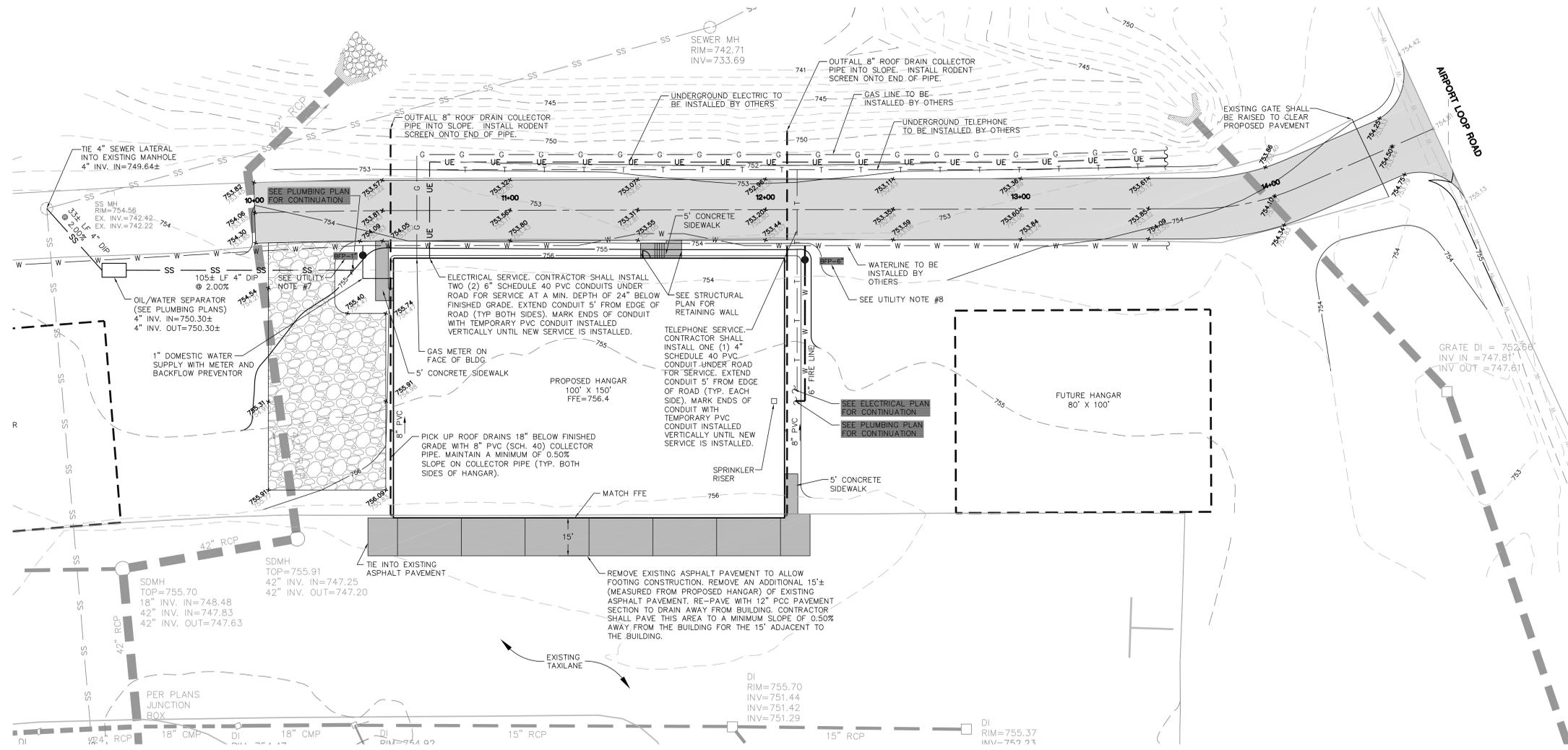
FIRM NUMBER: NC C-1163
4944 PARKWAY PLAZA
CHARLOTTE, NC 28217
(704) 426-6070 • (704) 426-6080 FAX

STRUCTURAL ENGINEER (SLAB)
STEWART

ENGINEERING
FIRM NUMBER: NC C-1051
200 S. COLLEGE ST., SUITE 720
CHARLOTTE, NC 28202
(704) 334-7925 • (704) 334-7926 FAX

MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION
SABER ENGINEERING

FIRM NUMBER: C-2130
2923 SOUTH TRYON STREET, SUITE 280
CHARLOTTE, NC 28203
(704) 373-0068 • (704) 373-0260 FAX

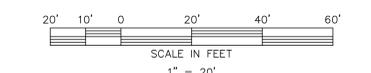
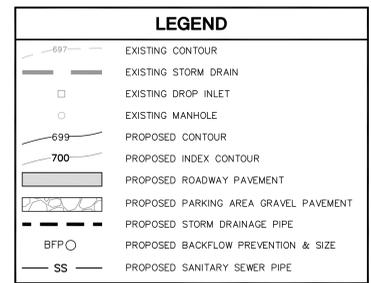
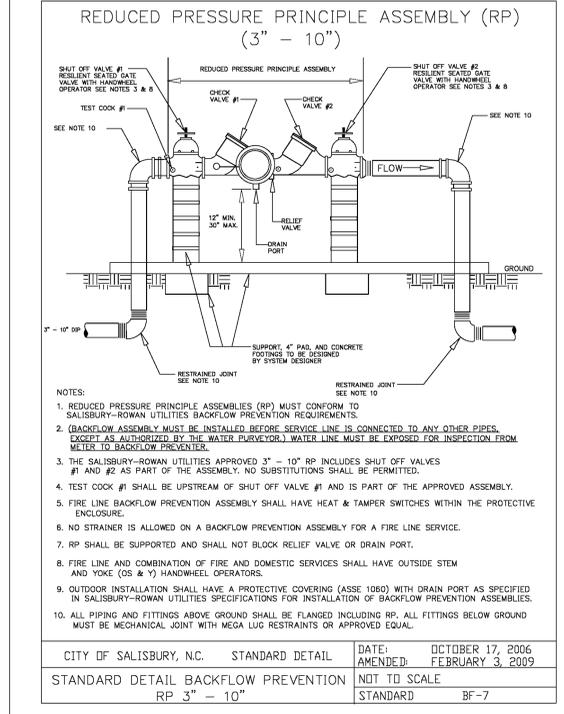
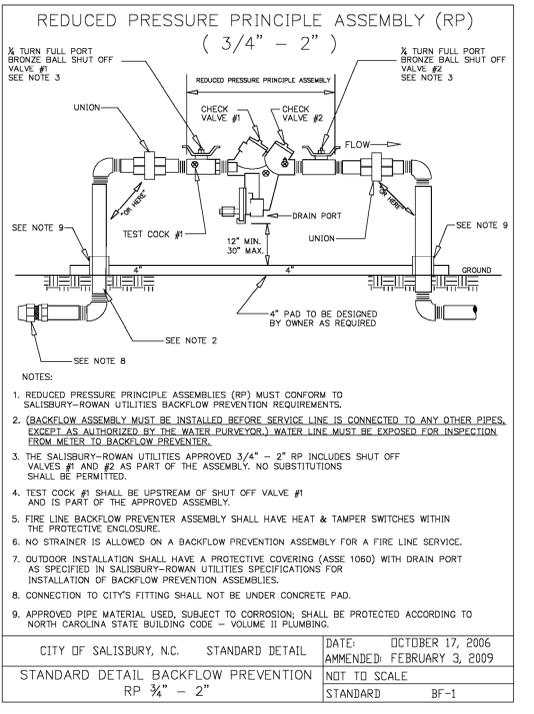


SITE NOTES:

1. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE ON THE PROJECT FOR THE COMPLETE DURATION OF THE PROJECT.
2. AN ELECTRONIC FILE OF THIS PLAN MAY BE OBTAINED BY THE CONTRACTOR TO AID IN THE PROJECT LAYOUT AND GRADING ONCE THE PROJECT HAS BEEN AWARDED.
3. ALL CONNECTIONS TO EXISTING PAVEMENT SHALL BE MADE BY SAW CUTTING A NEAT VERTICAL FACE. MATCH EXISTING PAVEMENT ELEVATIONS. EDGE SHALL BE TACKED PRIOR TO PAVING. (NO PAY ITEM)
4. ALL HIGHLY PLASTIC SOILS SHALL BE UNDERCUT FROM BENEATH FOOTING AND WALL FOUNDATIONS TO A MINIMUM DEPTH OF TWO (2) FEET BELOW THE FOUNDATION BEARING ELEVATION AND REPLACED WITH ABC STONE. THE OWNER'S TESTING FIRM SHALL CONFIRM THE ACTUAL REQUIRED DEPTH OF EXCAVATION.
5. ALL HIGHLY PLASTIC SOILS SHALL BE UNDERCUT FROM BENEATH THE PROPOSED SLAB AREA TO A MINIMUM DEPTH OF TWO (2) FEET AND REPLACED WITH SUITABLE AND PROPERLY COMPACTED STRUCTURAL FILL. THE OWNER'S TESTING FIRM SHALL CONFIRM THE ACTUAL REQUIRED DEPTH OF EXCAVATION.
6. ALL UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE, UNLESS OWNER ELECTS TO MAINTAIN THE MATERIALS ON AIRPORT PROPERTY.
7. ALL DEMOLISHED MATERIALS SHALL BE DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE, UNLESS OWNER ELECTS TO MAINTAIN THE MATERIALS ON AIRPORT PROPERTY.
8. FILL MATERIAL FOR EMBANKMENT AND FOR BACKFILL OF UNSUITABLE AREAS MUST BE PROVIDED BY THE CONTRACTOR AND MEET THE P-152 SPECIFICATION. THERE IS NO ON-SITE BORROW SOURCE FOR THIS PROJECT.

UTILITY NOTES:

1. THE CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES AND FACILITIES (I.E., AIRPORT LIGHTING, NAVAIDS, ETC.) FROM DAMAGE BY EQUIPMENT OR PERSONNEL. THE CONTRACTOR SHALL CONTACT ALL UTILITY AND FACILITY AGENCIES FOR FIELD MARKING PRIOR TO BEGINNING CONSTRUCTION. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE UNDERGROUND UTILITIES. ALL UTILITIES AND FACILITIES ARE NOT NECESSARILY SHOWN. THE CONTRACTOR SHALL ADVISE THE ENGINEER, IN WRITING, OF ANY EXISTING DAMAGED UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ANY UTILITIES OR FACILITIES DAMAGED DURING THE PROJECT BY THE CONTRACTOR'S MEN OR EQUIPMENT SHALL BE PROMPTLY REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. HAND DIGGING TO PROTECT UTILITIES FROM DAMAGE SHOULD BE ANTICIPATED.
2. ALL BACKFLOW PREVENTERS, WATER LINES, LATERALS, VALVES, ETC. AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH SALISBURY-ROWAN UTILITY (SRU) DEPARTMENT WATER AND SEWER STANDARDS AND SPECIFICATIONS.
3. THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER-USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS REQUIRED BACKFLOW PREVENTER.
4. EACH BACKFLOW PREVENTION ASSEMBLY IS REQUIRED TO BE TESTED BY AN SRU-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
5. CONTRACTOR IS RESPONSIBLE FOR ALL FEES ASSOCIATED WITH SALISBURY-ROWAN UTILITY DEPARTMENT IN ORDER TO INSTALL ALL UTILITIES SHOWN ON THE PLANS.
6. DUCTILE IRON PIPE FOR PROPOSED WATER LINE SHALL BE PRESSURE CLASS 350.
7. 1" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY INSTALLED ABOVE-GROUND WITHIN HEATED INSULATED ENCLOSURE PER SRU REQUIREMENTS. ENCLOSURE TO INCLUDE DRAIN PORT(S) FOR DISCHARGE WATER PER SRU REQUIREMENTS.
8. 6" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY INSTALLED ABOVE-GROUND WITHIN HEATED INSULATED ENCLOSURE PER SRU REQUIREMENTS. ENCLOSURE TO INCLUDE DRAIN PORT(S) FOR DISCHARGE WATER PER SRU REQUIREMENTS. FIRE LINE SERVICES SHALL HAVE OUTSIDE STEM AND YOKE (OS & Y) HANDWHEEL OPERATORS. TAMPER SWITCHES ARE REQUIRED ON FIRE LINES.
9. ALL BENDS, TEES, VALVES, PLUGS, CROSSES, AND FULL BODY TAPPING SLEEVE/VALVES, SHALL BE RESTRAINED MJ TYPE.
10. ALL CONTRACTORS WORKING ON SRU PROJECTS ARE REQUIRED TO OWN A COPY OF THE SRU DESIGN MANUAL AND SHALL KEEP A COPY ON THE JOBSITE AT ALL TIMES.
11. WATER METERS 1" AND LARGER MUST BE PLACED IN CONCRETE VAULT.
12. ALL UTILITIES CROSSING EXISTING STONE BASE ROAD SHALL BE INSTALLED BY OPEN-CUTTING THE ROAD AND BACKFILLING WITH COMPACTED ABC STONE.



REVISIONS

Project Status
DATE SEPT. 10, 2012
PROJECT NUMBER 9114-000
SHEET TITLE
SITE PLAN
SHEET NUMBER
C1.01