MATCHLINE – SEE DRAWING G10

MATCHLINE – SEE DRAWING G11

MATCHLINE – SEE DRAWING G14

INFLUENT PUMP STATION (100)

EXCAVATION SUPPORT, SEE NOTES 5 AND 7

EXCAVATION SUPPORT, SEE NOTES 6 AND 7

INFLUENT JUNCTION CHAMBER (880)

ENDWALL, SIM TO VDOT STD DETAIL EW-7

INV OUT = 887.50

60 LF, 36" RCP

128 LF, 36" PIPE SEE NOTE 8

SEE NOTE 9

JB
GRATE = 904.50
INV IN = 892.00
INV OUT = 889.00

OUTLET PROTECTION
23'W x 20'L x 2' THICK
CLASS AI STONE

BLOWER BUILDING

STORMWATER COLLECTION BOX (PS-1)
GRATE = 904.00
INV IN (N) = 894.00
INV IN (S) =893.60
INV OUT = 893.50
SEE DRAWING M882

YI-5
GRATE = 904.0
INV IN = 898.5
INV OUT = 893.90
SEE NOTE 2

16 LF, 36" RCP

164 LF, 18" RCP

XCB-1

0242000

0251000

CONSTRUCTION LIMITS, TYP

PIPE GALLERY

TEMPORARY GRAVEL ROAD SEE NOTE 10

0251004R

ROANOKE RIVER

120 LF, 18" RCP

CB-1
GRATE = 903.5
INV OUT = 885.5
SEE NOTE 3

PRIMARY ANAEROBIC DIGESTER NO 1

PRIMARY ANAEROBIC DIGESTER NO 2

XCB-2

XCB-3

XYI-1

FUTURE SWAS METER VAULT CONTRACT 18

NITRIFICATION CLARIFIERS NOS 1–6

## NOTES:

1. SEE NOTES ON DRAWING G1.
2. EXISTING CURB INLET SHALL BE DEMOLISHED. A NEW YARD INLET SHALL BE INSTALLED PER DETAIL 1 0243102 ON DRAWING G5.
3. EXISTING STORMWATER PIPING SYSTEM SHALL BE CONNECTED TO NEW CURB INLET.
4. CONTRACTOR SHALL MAINTAIN INTEGRITY OF FLOOD PROTECTION BERM AND FLOOD WALL AT ALL TIMES.
5. CONTRACTOR SHALL PROVIDE EXCAVATION SUPPORT AS REQUIRED DURING CONSTRUCTION OF INFLUENT PUMP STATION TO MAINTAIN THE INTEGRITY OF THE FLOOD PROTECTION BERM.
6. CONTRACTOR SHALL PROVIDE SECONDARY EXCAVATION SUPPORT AS REQUIRED DURING INSTALLATION OF 84" PLANT INFLUENT, 54" OVERFLOW AND STORMWATER PIPE TO MAINTAIN THE INTEGRITY OF THE FLOOD PROTECTION BERM.
7. SELECTION AND DESIGN OF MEANS OF EXCAVATION SUPPORT SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL SUBMIT DESIGN DRAWINGS AND COMPUTATIONS FOR ALL EXCAVATION SUPPORT TO THE ENGINEER FOR REVIEW. ALL DRAWINGS AND COMPUTATIONS SHALL BE SEALED BY A LICENSED ENGINEER IN THE STATE OF VIRGINIA.
8. SECTION OF STORMWATER PIPE BETWEEN STORMWATER COLLECTION BOX AND MANHOLE SHALL BE DUCTILE 3 IRON (PRESSURE CLASS 350) OR PCCP.
9. CONTRACTOR SHALL NOT INSTALL ENDWALL AND INDICATED PORTION OF PIPING UNTIL NECESSARY PERMITS HAVE BEEN OBTAINED BY THE OWNER.
10. CONTRACTOR SHALL REMOVE TEMPORARY GRAVEL ROAD AT END OF CONTRACT AND RETURN AREA TO ORIGINAL CONDITIONS.

KEY PLAN

1"=20'-0"

| NO. | | DATE | BY |
|---|---|---|---|
| | COMMENTS FROM ENG. DEPT. | NOV 2003 | RLT |
| | ADDENDUM NO 4 | AUG 2003 | RLT |
| | ~~RECORD DRAWINGS~~ | ~~MAR 2003~~ | ~~RLT~~ |
| | CONSTRUCTION | MAR 2004 | RLT |
| | REGULATORY APPROVAL | NOV 2003 | RLT |
| | PRELIMINARY DESIGN | NOV 2002 | RLT |

DESIGNED DAN
DRAWN RWB
CHECKED
PROJ. ENGR. DAN
APPROVED

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIORE, SEAL NO. 22769

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY RONALD L. TAYLOR, SEAL NO. 024649

RECORD DRAWING

HAZEN AND SAWYER
Environmental Engineers & Scientists
4011 WestChase Blvd, Raleigh, North Carolina 27607

CITY OF ROANOKE
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT
WET WEATHER IMPROVEMENTS

PARTIAL SITE PLAN
GENERAL
GRADING, DRAINAGE AND EROSION CONTROL

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.

DATE JULY 2003
H & S JOB NUMBER 30788A
CONTRACT NUMBER A
DRAWING NUMBER G13

PLOT DATE 11/06/07 11:15am FILE= H:\30788\30788A\GEN\Copy of g013r by BCOOWN XREF=H:\30788a\misc\30789b, 001\xp-st, 001\key plan, 001\xp-st-aerial-2002, 001\xp-st-names, 001\xp-tp, 001\xp-sca,