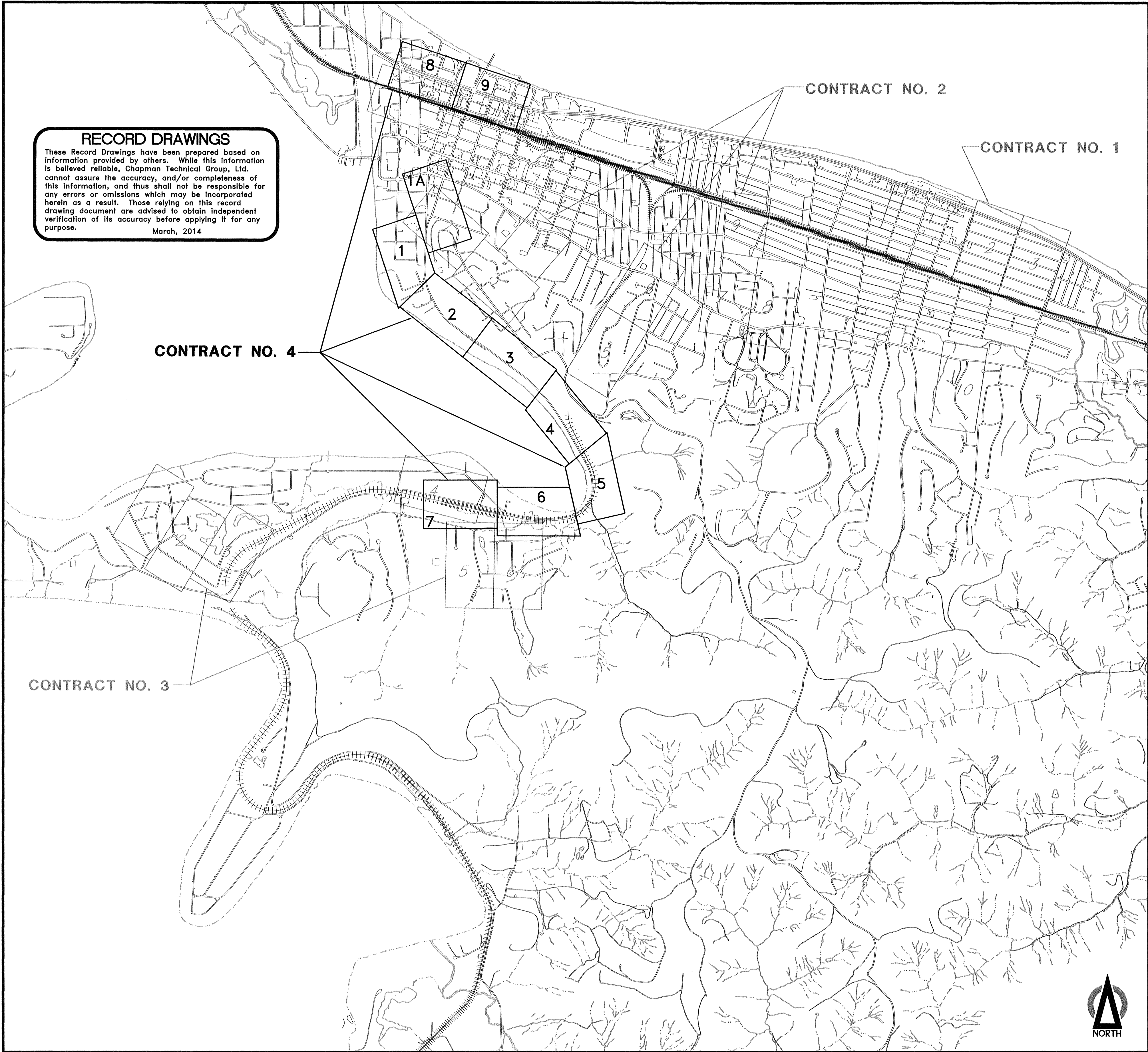




RECORD DRAWINGS
These Record Drawings have been prepared based on information provided by others. While this information is believed reliable, Chapman Technical Group, Ltd. cannot assure the accuracy, and/or completeness of this information, and thus shall not be responsible for any errors or omissions which may be incorporated herein as a result. Those relying on this record drawing document are advised to obtain independent verification of its accuracy before applying it for any purpose.
March, 2014

SPECIAL NOTES

1. DURING THE COURSE OF NEW WATER LINE CONSTRUCTION, THE CONTRACTOR WILL EXTEND INDIVIDUAL WATER SERVICE LINES TO RECONNECT THE EXISTING SERVICE LINE OR TO THE EXISTING METER. EACH CONNECTION WILL BE PAID ON A PER EACH BASIS AS DESCRIBED IN SPECIFICATION SECTION 01150 "MEASUREMENT AND PAYMENT."

LIMITS OF CONSTRUCTION

1. WORK WITHIN WV DIVISION OF HIGHWAYS RIGHT-OF-WAYS IS TO BE PERFORMED IN ACCORDANCE WITH DOH REQUIREMENTS AND THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
2. IN GENERAL THE OWNER HAS OBTAINED A PERMANENT AND/OR TEMPORARY CONSTRUCTION EASEMENT ACROSS PRIVATE PROPERTIES, AS NECESSARY, TO PROVIDE THE CONTRACTOR WITH A 15' WIDE WORK AREA TO COMPLETE THE INTENDED WORK. THIS WORK AREA CONSISTS OF A MAXIMUM OF 7.5' EACH SIDE OF THE PROPOSED WATER LINE INSTALLATION AS SHOWN ON THE DRAWINGS. ANY ADDITIONAL ACCESS NEEDED BY THE CONTRACTOR TO COMPLETE THE REQUIRED WORK MUST BE OBTAINED BY THE CONTRACTOR.

WV DOH REQUIREMENTS

1. ALL WORK WITHIN WV DIVISION OF HIGHWAYS RIGHT-OF-WAYS IS TO BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING:
 - A. WV DOH STANDARD SPECIFICATIONS - ROAD AND BRIDGES, LATEST EDITION.
 - B. ACCOMMODATION OF UTILITIES ON HIGHWAY RIGHT-OF-WAY, LATEST EDITION.
 - C. TRAFFIC CONTROL FOR STREET & HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATION, LATEST EDITION AND AS DIRECTED BY DOH PROJECT REPRESENTATIVE.
 - D. PROJECT SPECIFICATIONS PREPARED BY CHAPMAN TECHNICAL GROUP.
2. CLEAN-UP WILL BE ACCOMPLISHED DAILY WITH AREAS BEING RESTORED NO LATER THAN THE DAY FOLLOWING PIPE REPLACEMENT. SHOULDER WILL BE STABLE AND STONE ADDED DURING CONSTRUCTION AT THE DIVISION'S DISCRETION. DITCH LINES AND CULVERTS SHALL BE KEPT FUNCTIONAL THROUGHOUT CONSTRUCTION.
3. ALL DITCHES WITH GRADES OVER 5% SHALL BE RIP-RAPPED WITH STONE AFTER INSTALLATION OF NEW WATER LINES. SEE GENERAL NOTE NO. 10 FOR RIP-RAP SPEC.
4. ALL ROAD CROSSINGS TO BE BORE AND JACK INSTALLATIONS UNLESS OTHERWISE INDICATED.
5. IN ADDITION TO PROJECT SPECIFICATIONS REQUIREMENTS, THE CONTRACTOR WILL BE REQUIRED TO PERFORM A MINIMUM OF ONE (1) COMPACTION TEST PER EACH 500 FEET PIPE LAID AND BACKFILLED, OR ONE (1) PER DAY, WHICHEVER IS GREATER.

GENERAL NOTES

1. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESHAPED, GRADED TO DRAIN, AND SEEDED AND MULCHED AS PER SPECIFICATIONS. ALL AREAS DAMAGED BY THE CONTRACTOR OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITIONS AS PER SPECIFICATIONS, AT THE CONTRACTOR'S EXPENSE.
2. THE INFORMATION SHOWN ON THE DRAWINGS CONCERNING TYPE, SIZE, AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE, SIZE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY OF WEST VIRGINIA (1-800-245-4848) 48 HOURS IN ADVANCE OF THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL DAMAGE TO ABOVE GROUND OR UNDERGROUND UTILITIES AS A RESULT OF THE WORK PERFORMED UNDER THIS CONTRACT.
4. THE CONTRACTOR SHALL MAINTAIN 10' HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN THE NEW WATER LINES AND THE EXISTING SANITARY SEWER LINES DURING CONSTRUCTION IN ACCORDANCE WITH THE DETAILS.
5. THE CONTRACTOR IS TO DETERMINE THE ACTUAL DEPTH AND LOCATION OF ALL EXISTING SEWER LINES IN RELATION TO NEW WATER LINES PRIOR TO INITIATION OF CONSTRUCTION. IF EXISTING SEWER LINES ARE ENCOUNTERED AT ANYTIME DURING INSTALLATION OF NEW WATER LINES, THE CONTRACTOR IS TO MAINTAIN A MINIMUM COVER DEPTH OF 42" AND THE MINIMUM SEPARATION DISTANCE DESCRIBED ABOVE UNLESS OTHERWISE INDICATED.
6. UTILITIES ENCOUNTERED:

CITY OF ST. ALBANS	(304) 722-3355
AT&T	(304) 545-0507
MOUNTAINEER GAS COMPANY	(304) 347-0577
FIBERNET L.L.C.	(304) 720-5211
EQUITABLE PRODUCTION COMPANY	(304) 348-5349
SUDDENLINK COMMUNICATIONS	(304) 743-1960
AMERICAN ELECTRIC POWER	(614) 883-7832
SPRINT NEXTEL	(800) 521-0579
FRONTIER COMMUNICATIONS	(800) 921-8104
7. THE ENGINEER HAS ATTEMPTED TO LOCATE DRAINAGE CULVERTS THAT EXIST IN THE LIMITS OF CONSTRUCTION. THE SIZE, MATERIAL AND DEPTH OF THE COVER OF EACH CULVERT IS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL USE THIS INFORMATION TO DETERMINE THE POSITION OF THE WATER LINE WITH RESPECT TO THE CULVERT IN ORDER TO MEET THE DEPTH OF COVER REQUIREMENTS AS DESCRIBED IN THE SPECIFICATIONS.
8. THE CONTRACTOR IS TO REMOVE ONLY THOSE TREES NECESSARY TO PERMIT PIPELINE INSTALLATION THAT ARE LOCATED WITHIN THE R/W INDICATED. ALL TREES OUTSIDE THE R/W ARE TO BE REMOVED ONLY IF THE PROPERTY OWNER IS CONSULTED AND AGREES TO ALLOW THEIR REMOVAL, SUBJECT TO THE OWNER'S CONCURRENCE.
9. THE CONTRACTOR SHALL NOT USE EXISTING SEWERS AS A MEANS OF DEWATERING DURING CONSTRUCTION WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURFACE WATER RUNOFF AND GROUND WATER FROM THE TRENCHES AND SHALL PROVIDE NECESSARY DEWATERING AND PUMPING EQUIPMENT FOR HANDLING THESE FLOWS DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS CONSTRUCTION ACTIVITIES WITH THOSE OF OTHER CONTRACTORS AND OTHER ENTITIES INVOLVED IN ORDER TO ASSURE EFFICIENT AND ORDERLY INSTALLATION OF EACH PART OF THE WORK.
11. RIP-RAP, WHERE INDICATED ON THE DRAWINGS, SHALL BE SHOT ROCK PER WVOH STD. SPECIFICATIONS SECTION 704.8. PAYMENT SHALL BE MADE AS PER "MEASUREMENT AND PAYMENT" SPEC. SECTION 01150.
12. ACTUAL LOCATIONS OF EXISTING WATERLINES AND SERVICE LINES TO BE RECONNECTED ARE NOT KNOWN AT THIS TIME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING WATER AND SERVICE LINES AND THE RECONNECTION THEREOF.
13. ALL SERVICE LINES SHALL BE 3/4" UNLESS NOTED OTHERWISE. ALL SERVICES CROSSING PAVED ROADS OR STREETS SHALL BE PUNCHED UNLESS NOTED OTHERWISE.
14. ALL CONNECTION DETAILS, REDUCERS, BENDS, CROSSES, DEAD ENDS, TEES, WYES, AND M.J. CAPS ARE TO HAVE CONCRETE THRUST BLOCKING AS PER SPECIFICATIONS AND DETAIL ON SHEET NO. DET-2.
15. THE CONTRACTOR IS TO PROVIDE THE CITY OF ST. ALBANS WITH UNINTERRUPTED WATER SERVICE THROUGHOUT THE COURSE OF THE WORK. THE CONTRACTOR, PRIOR TO THE INITIATION OF CONSTRUCTION, SHALL SUBMIT TO THE ENGINEER A CONSTRUCTION SEQUENCE SCHEDULE DETAILING HIS PLAN FOR ACCOMPLISHING THE WORK DETAILED IN THE CONTRACT DOCUMENTS. SUBJECT TO THE CONDITIONS STATED HEREIN.
16. CONTRACTOR TO LOCATE EXISTING METERS BEFORE COMPLETING RECONNECTIONS. METER LOCATION SHOWN MAY NOT BE ACCURATE AND ARE FOR INFORMATION PURPOSES ONLY.
17. DIGITAL MAPPING PREPARED FROM AERIAL PHOTOGRAPHY DATED APRIL 2005.

LEGEND

	SIDEWALKS		EXISTING CLEAN OUT
	PAVED ROADS		EXISTING SANITARY SEWER LINE
	TREELINE		EXISTING MANHOLE
	EXISTING FENCE		AIR RELEASE VALVE
	EXISTING STREAM OR DRAINAGE PATH		PROPERTY LINES
	EXISTING POWER POLE		RIGHT OF WAY LINES
	EXISTING UNDERGROUND ELECTRIC		RIP-RAP
	EXISTING GAS LINE		NEW WATER LINE
	EXISTING GAS LINE MARKER		NEW GATE VALVE W/ VALVE BOX
	EXISTING UNDERGROUND TELEPHONE		NEW CASING PIPE INSTALLATION
	EXISTING TELEPHONE PEDESTAL		NEW FIRE HYDRANT ASSEMBLY
	EXISTING WATER LINE		NEW BLOW-OFF ASSEMBLY
	EXISTING WATER METER		PLAN SHEET
	EXISTING WATER VALVE		PARCEL NUMBER
	EXISTING FIRE HYDRANT		TAX MAP

REVISION NUMBER	REVISIONS	DATE	BY



AIRPORT PLANNING / DEVELOPMENT
ARCHITECTURE / INTERIOR DESIGN
CIVIL ENGINEERING / SITE DEVELOPMENT
ENVIRONMENTAL ENGINEERING
LANDSCAPE ARCHITECTURE
SURVEYING

St. Albans, WV
(304) 727-5501

Buckhannon, WV
(304) 472-8914

Martinsburg, WV
(304) 260-1222

www.chaptech.com

PROJECT INFORMATION

ST. ALBANS MUNICIPAL UTILITY COMMISSION

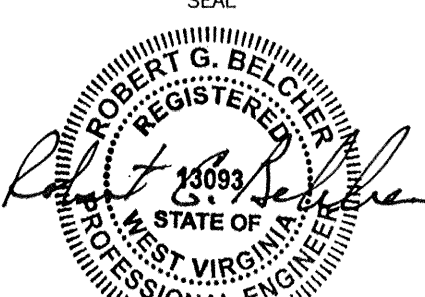
ST. ALBANS, WEST VIRGINIA

WATER SYSTEM IMPROVEMENTS

CONTRACT NO. 4 - DISTRIBUTION SYSTEM

INDEX SHEET AND GENERAL NOTES

SEAL



JOB NUMBER: 08053

SCALE: 1" = 1000'

DATE: MAY 2010

DRAWN BY: FLB

DESIGNED BY: MJC

CHECKED BY: RGB/JDE

SHEET NO. 28

REVISION

INDEX