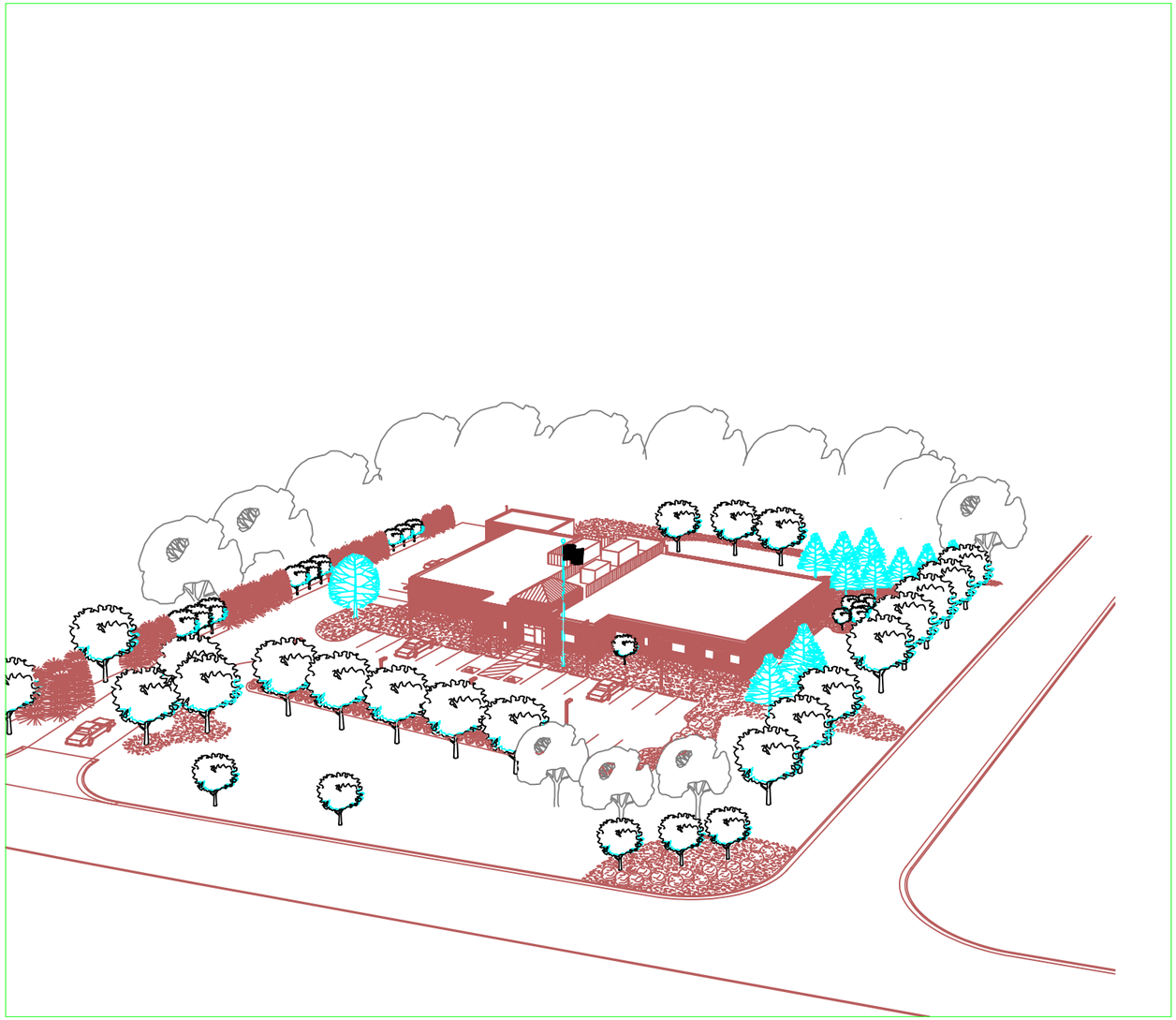


NOAA/
NATIONAL WEATHER SERVICE

FDI CONTRACT NO. 449404

ATLANTA, GEORGIA

AS-BUILT SUBMITTAL
29 AUGUST 1994
DRAWING NO. SKA01 REV. 1
PROJECT NO. CK01

RIVER FORECAST CENTER / WEATHER FORECAST OFFICE

FLUOR DANIEL

KANSAS CITY, MISSOURI U.S.A.

GOULD EVANS
ARCHITECTS, P.A.

ABBREVIATIONS

A	ACOUSTIC
@	AT
AB	ANCHOR BOLT
ABV	ABOVE
AC	ALTERNATING CURRENT
AC	ASPHALTIC CONCRETE
ACU	AIR COOLED CONDENSING UNIT
ACI	AMERICAN CONCRETE INSTITUTE
ACIST	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
A/C	AIR CONDITIONING
AD	ACCESS DOOR
ADJ	ADJUSTABLE
ADJT	ADJACENT
AF	AMP FRAME
AFF	ABOVE FINISH FLOOR
AFCS	AUTOMATION OF FIELD OPERATIONS AND SERVICES
AHU	AIR HANDLING UNIT
AIA	AMERICAN INSTITUTE OF ARCHITECTS
AIC	AMPERES INTERRUPT CURRENT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ALUM	ALUMINUM
AMP A	AMPERE
ANOD	ANODIZED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
APPROX	APPROXIMATE
ARCH	ARCHITECT(URE)(URAL)
AS	AMP SWITCH
ASA	AMERICAN STANDARDS ASSOCIATION, INC.
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AWG	AMERICAN WIRE GAUGE
AWIPS	ADVANCE WEATHER INTERACTIVE PROCESSING SYSTEM
AWS	AMERICAN WELDING SOCIETY
B	BARE
BATT	BATTERY
BC	BEGINNING OF CURVE
BD	BOARD
BDD	BACKDRAFT DAMPER
BEJ	BRICK EXPANSION JOINT
BITUM	BITUMINOUS
BKR	BREAKER
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BENCH MARK
BOT	BOTTOM OF
BOCA	BUILDING OFFICIALS AND CODE ADMINISTRATORS INTERNATIONAL, INC.
BP	BASE PLATE
BRNG	BEARING
BTM	BOTTOM
BTU	BRITISH THERMAL UNIT
BTWN	BETWEEN
BU/BUR	BUILT UP/BUILT UP ROOF
C	CONDENSER/CONDUIT/CONDUCTOR
CAB	CABINET
CAP	CAPACITY
CB	CATCH BASIN
CER	CERAMIC
CFM	CUBIC FEET PER MINUTE
CHAM	CHAMFER
CI	CAST IRON
CIP	CAST IRON PIPE
CJ	CONTROL JOINT
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CLKG	CAULKING
CLOS	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEAN OUT/COMPANY
COE	CORP OF ENGINEERS
COL	COLUMN
COMM	COMMERCIAL/COMMUNICATIONS
COMP	COMPOSITION
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS/CONTROL
CONTR	CONTRACTOR
CORR	CORRIDOR
Cp	EXTERNAL PRESSURE COEFFICIENT
Cpi	INTERNAL PRESSURE COEFFICIENT
CR	CUBICLE
CPT T	CARPET TILE
CR	CONTROL RELAY
CSI	CONSTRUCTION SPECIFICATIONS INSTITUTE
CT	CERAMIC TILE
CTR	CENTER, CENTRAL
CU	COPPER
CU FT	CUBIC FEET
CU YD	CUBIC YARD
CUH	CABINET UNIT HEATER
CW	COLD WATER
C TO C	CENTER TO CENTER
CJ	CHANNEL
D	DRAIN
D	PENNY (AS 10D NAIL)
DB	DECIBEL/DRY BULB
DBL	DOUBLE
DC	DIRECT CURRENT
DDG	DIESEL DRIVEN GENERATOR
DDS	DOOR INTERLOCKED DISCONNECT SWITCH
DEG	DEGREE
DEPT	DEPARTMENT
DES	DESIGN
DET	DETECTION
DIA	DIAMETER
DIAG	DIAGONAL/DIAGRAM
DIM	DIMENSION
DISC	DISCONNECT
DISP	DISPENSER
DIV	DIVISION
DK	DECK
DL	DEAD LOAD
DMC	DEPUTY METEOROLOGIST IN CHARGE
DN	DOWN
DO	DOWNSPOUT NOZZLE
DO	DITTO
DOH	DEVELOPMENT & OPERATIONS HYDROLOGIST
DP	DISTRIBUTION PANEL
DR	DOOR
DS	DOWNSPOUT/DISCONNECT SWITCH
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
°F	DEGREE FAHRENHEIT
E	EAST/ELECTRIC (CIVIL)
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EB	EXPANSION BOLT
EC	END OF CURVE
EDH	ELECTRIC DUCT HEATER
EF	EACH FACE/EXHAUST FAN
EJ	END JACK/EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEC CHAR	ELECTRIC CHARACTERISTIC
ELEV	ELEVATOR
EMER	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
ENG	ENGINE
ENGR	ENGINEER
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
ESC	ELECTRONIC SPEED CONTROL
ESP	EXTERNAL STATIC PRESSURE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXH	EXHAUST
EXP	EXPANSION
EXT	EXTERIOR
EXTG	EXISTING
F	FAHRENHEIT/FEEDER
FAO	FINISH ALL OVER
FB	FACE BRICK
FC	FOOT CANDLE
FCO	FLOOR CLEANOUT
FD	FIRE DAMPER/FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
FG	FINISH GRADE
FH	FIRE HYDRANT
FIN	FINISH
FL	FLOOR
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FLR	FLOORING
FLUOR	FLUORESCENT
Fst	FORCE MAIN/ OPTIONAL FAN MOTOR
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FR	FIRE RESISTIVE/FRAME
FRTW	FIRE RETARDANT TREATED WOOD
FS	FINISH SURFACE
FSC	FAN SPEED CONTROL (-20° AMBIENT)
FT OR '	FEET
FTG	FOOTING
FTU	FAN TERMINAL UNIT
FTG TO F	FACE TO FACE
G	GAS/GUST RESPONSE FACTOR
GA	GAUGE/GAGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GEN/G	GENERAL/GENERATOR
GEP	GENERATOR ENCLOSURE PANEL
GFCI	GROUND FAULT CIRCUIT INTERRUPT
GFE	GOVERNMENT FURNISHED EQUIPMENT
GFM	GOVERNMENT FURNISHED MATERIAL
GI	GALVANIZED IRON
GL	GLASS
GND/G	GROUND
GOVT	GOVERNMENT
GP	GRINDER PUMP
GVL	GRAVEL
GYP	GYPSUM
H	HIGH
HB	HOSE BIB
HC	HOLLOW CORE
HD	HEAVY/HEAVY DUTY/ HEAT DETECTOR
HDBD	HARDBOARD
HDW	HARDWARE
HDWD	HARDWOOD
HEM	HIGH EFFICIENCY MOTORS
HG	HOT GAS LINE
HH	HINGED HOOD
HIC	HYDROLOGIST IN CHARGE
HM	HOLLOW METAL(STEEL, U N O)
HOR	HORIZONTAL
HP	HIGH PRESSURE
HP	HORSEPOWER
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
HR	HOUR
HS	HIGH STRENGTH
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HU	HUMIDIFIER
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
HW	HOT WATER
HZ	HERTZ
H PT	HIGH POINT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IES	ILLUMINATING ENGINEERING SOCIETY
IF	INSIDE FACE
IGV	INLET GUIDE VANES
IN OR "	INCH
INCL	INCLUDE(D)(ING)
INFO	INFORMATION
INSUL	INSULATION/INSULATED
INT	INTERIOR
INV	INVERT
IP	IRON PIPE
IS	INSECT SCREEN
JAN	JANITOR
JB/J	JUNCTION BOX
JST	JOIST
JT	JOINT
JUNCT	JUNCTION
K	KELVIN/KIP
KCMIL	THOUSAND CIRCULAR MILS
KO	KNOCK OUT
KS	KITCHEN SINK
KVA	KILOVOLT AMPERE
KW	KILOWATT
L	STEEL ANGLE
LA	SURGE AND LIGHTNING ARRESTER
LAM	LAMINATED
LAN	LOCAL AREA NETWORK
LAT	LEAVING AIR TEMPERATURE
LAV	LAVATORY
LB	POUND
LBS OR #	POUNDS
LC	LIGHTING CONTACTOR
LD	LOAD
LF	LINEAR FOOT (FEET)
LG	LONG/LENGTH
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LK	LOCKED
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LIGHTING PANEL
LT	LIGHT
LTC	LEE-TEMP CONTROL (-20° AMBIENT)
LTG	LIGHTING
LTL	LINTEL
LW	LIGHTWEIGHT
L PT	LOW POINT
M	METER(S)/MOTOR
mA	MILLIAMPERE
MACH	MACHINE
MAN	MANUAL
MAS	MASONRY
MATL	MATERIAL(S)
MAX	MAXIMUM
MB	MACHINE BOLT
MBH	1000 X BTU/HR
MBR	MEMBER
MCA	MAXIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MD	MANUAL DAMPER
MECH	MECHANICAL
MEMB	MEMBRANE
MFR	MANUFACTURER
MG	MOTOR GENERATOR
MH	MANHOLE
MIC	METEOROLOGIST IN CHARGE
MIN	MINIMUM
MISC	MISCELLANEOUS
MK	MARK
MLDG	MOLDING
MLO	MAIN LUGS ONLY
MLOS	MICROWAVE LINE-OF-SIGHT
MM	MILLIMETER
MO	MASONRY OPENING
MOD	MOTOR OPERATED DAMPER
MOOP	MAXIMUM OVERCURRENT PROTECTION
MS	MOP SINK/2" DEEP SEMI-RECESSED
	MOUNTING SLEEVE
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION
N	NEUTRAL/NORTH/NORMAL
N/A	NOT APPLICABLE
NAT	NATURAL
NC	NO CEILING
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEXRAD	NEXT GENERATION RADAR
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NFWH	NON-FREEZE WALL HYDRANT
NIC	NOT IN CONTRACT
NL	NAILABLE
NO	NORMALLY OPEN
NO OR #	NUMBER
NOM	NOMINAL
NPW	NON POTABLE WATER
NTS	NOT TO SCALE
NWR	NOAA WEATHER RADIO
NWS	NATIONAL WEATHER SERVICE
O TO O	OUT TO OUT
OA	OUTSIDE AIR/OVERALL
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OFC	OFFICE
OH	OPPOSITE HAND/OVERHEAD
OHP	OVERHEAD POWER
OJ	OPEN-WEB JOIST
OPER	OPERATION/OPERATIONS
OPNG	OPENING
OPP	OPPOSITE
OR	OUTRIGGER
OZ	OUNCE
P	POLE
PAC	PACKAGED AIR CONDITIONER
PART BD	PARTICLE BOARD
PASS	PASSAGE
PAW	PAW(ED)(MENT/ER)
PB	PULL BOX/PUSH BUTTON
PBX	PRIVATE BRANCH EXCHANGE
PC	PORTLAND CEMENT
PC	PULL CHAIN/PHOTOCELL
PD	PRESSURE DROP
PERP	PERPENDICULAR
PH OR #	PHASE
PI	POINT OF INTERSECTION
PK	PARK
PKG	PARKING
PL	PLATE/PROPERTY LINE
PLAS	PLASTER
PLBG	PLUMBING
PLCS	PLACES
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
P LAM	PLASTIC LAMINATE
PNEU	PNEUMATIC
PNL	PANEL
POB	POINT OF BEGINNING
POL	POLISHED
PORC	PORCELAIN
PP	PERFORATED PANEL
PP	POWER PANEL
PR	PAIR
PRD	POURED
PRESS	PRESSURE
PROJ	PROJECTION
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT/PLATE TRUSS
PTC	PHOTO TEMPERATURE CONTROL
PTD	PERFORATED
PTRV	PRESSURE AND TEMPERATURE RELIEF VALVE
PUP	PRINCIPAL USER PROCESSOR
PUR	PURPOSE
PVC	POLYVINYL CHLORIDE
PVT	PRIVATE
PWR	POWER
%	PERCENT
QT	QUARRY TILE
R	RADIUS/RISER
RA	RETURN AIR
RCB	REMOTE CONTROL BOX
RCP	REINFORCED CONCRETE PIPE
RCPT	RECEPTACLE
RCPTN	RECEPTION
RD	ROAD/ROOF DRAIN
RDA	RADAR DATA ACQUISITION
RE BAR	REINFORCING BAR
REF OR RE	REFRIG(ERANT)
REFL	REFLECT(ED)(IVE)(OR)
REFR	REFRIGERATOR
REINF	REINFORCE(MENT)(ED)
REQD	REQUIRED
RES	RESILIENT
REST	REVAMP(ING)
REV	REVISIONS
RFC	RIVER FORCAST CENTER
RFG	ROOFING
RG	ROUGH GRADE
RGS	RIGID GALVANIZED STEEL
RH	RIGHT HAND/ROOF HOOD
RHR	RIGHT HAND REVERSE
RJ	RAKE JOINT
RL	RETROGRAM LIQUID LINE
RLA	RUNNING LOAD AMP
RM	ROOM
RND OR #	ROUND
RO	ROUGH OPENING
RPG	RADAR PRODUCTS GENERATOR
RP-OP	RADAR PRODUCTS GENERATOR OPERATOR
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION LINE
RVS	REVERSE (SIDE)
R/W	RIGHT OF WAY
S	SOUTH
SA	SUPPLY AIR
SB	SPLASH BLOCK
SC	SOLID CORE
SCHED	SCHEDULE
SCT	STRUCTURAL CLAY TILE
SD	SMOKE DAMPER
SED	SMOKE DETECTOR
SD	SOAP DISPENSER
SD	STORM DRAIN
SEC	SECTION
SEP	SEWAGE EJECTOR PUMP
SERV	SERVICE
SEW	SEWER
SF	SPECIAL FRAME
SHT	SHEET
SHLD	SHIELD(ED)
SIM	SIMILAR
SM	SURFACE MOUNTED
SMACNA	SHEET METAL AND AIR CONDITION CONTRACTORS NATIONAL ASSOCIATION
SP	STATIC PRESSURE
SPCS	SPACES
SPEC	SPECIFICATIONS
SPKR	SPEAKER
SQ	SQUARE
SS	SANITARY SEWER
SS	SCHOOL SINK
SSTL	STAINLESS STEEL
SSPC	STEEL STRUCTURE PAINTING COUNCIL
SST	SATURATED SUCTION TEMPERATURE
ST	STABILIZ/SURGE TANK
STA	STATION
STC	SOUND TRANSMISSION CLASS
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STOR	STORAGE
ST P	STAND PIPE
STR	STRUCTURAL
STS	STORM SEWER
SUBFL	SUBFLOOR
SUSP	SUSPENDED
SW	SWITCH
SYM	SYMMETRICAL
SYS	SYSTEM
T	TELEPHONE/TREAD/ INTEGRAL THERMOSTAT
TB	TERMINAL BLOCK
TBR	TO BE REPLACED
T & G	TONGUE AND GROOVE
TCB	TOP OF CATCH BASIN
TECH	TECHNICAL, TECHNICIAN
TEL	TELEPHONE
TEMP	TEMPERATURE
TERM	TERMINAL
TF	TRANSFER FAN
THK	THICK
TKBD	TACK BOARD
TO	TOP OF
TOB	TOP OF BOLT
TOC	TOP OF CONCRETE/CURB
TOM	TOP OF MASONRY
TOP	TOP OF PAVEMENT
TOS	TOP OF STEEL
TOW	TOP OF WALL
TRANSF	TRANSFER
TRANSL	TRANSLUCENT
TRANSP	TRANSPARENT
TS	TUBULAR STEEL/TERMINAL STRIP
TV	TELEVISION
TWR	TOWER
TYP	TYPICAL
U	UTILITY
UBC	UNIFORM BUILDING CODE
UCP	UNIT CONTROL POSITION
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UNO/UON	UNLESS NOTED OTHERWISE/ UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UR	URINAL
V	VENT/VOLTAGE)
VA	VOLT AMPERE
VAC	VOLTS ALTERNATING CURRENT
VAR	VARIABLE
VAV	VARIABLE AIR VOLUME
VCP	VITRIFIED CLAY PIPE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VI	VIBRATION ISOLATORS
VIN	VINYL
VOL	VOLUME
VR	VAPOR RETARDER
VT	VINYL TILE
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W	WASTE/WATER/WHITE
WB	WET BULB
W	WATT/WIRE
W	WIDE, FLANGE SHAPE STEEL BEAM
W	WEST/WIDE/WIDTH
W/	WITH
W/IN	WITHIN
W/O	WITHOUT
WBRT	WEATHER BUREAU RADIO THEODOLITE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WD	WOOD
WDW	WINDOW
WFO	WEATHER FORECAST OFFICE
WH	WEEP HOLE
WKSTA	WORKSTATION
WP	WEATHERPROOF/WORK POINT/WELL PUMP
WS	WATER STOP
WT	WEIGHT
WTR	WATER
WWF	WELDED WIRE FABRIC
XFMR	TRANSFORMER
YD	YARD
YR	YEAR

REFERENCE SYMBOLS

SECTION, DETAIL OR ELEVATION

SEC, DTL OR ELEV — 3 / A05 — SECTION, DETAIL OR ELEVATION NUMBER; DRAWING NUMBER FROM WHICH SECT, DTL OR ELEV IS REFERENCED. (-) INDICATES REFERENCED FROM SAME DRAWING.

SCALE: 1/4"=1'-0"

COLUMN LINE REFERENCE

1 — NUMBER VERTICAL COLUMN LINES LEFT TO RIGHT

A — NUMBER HORIZONTAL COLUMN LINES TOP TO BOTTOM

DETAIL REFERENCE

3 / A05 — DETAIL NUMBER; DRAWING NUMBER ON WHICH DETAIL APPEARS. (-) INDICATES REFERENCED FROM SAME DRAWING.

SECTION REFERENCE

3 / A05 — SECTION NUMBER; DRAWING NUMBER ON WHICH SECTION OR DETAIL APPEARS. (-) INDICATES REFERENCED FROM SAME DRAWING.

FLAG OPTIONAL

ARCHITECTURAL FULL WALL SECTION REFERENCE

A / A05 — SECTION LETTER; DRAWING NUMBER ON WHICH SECTION OR DETAIL APPEARS. (-) INDICATES REFERENCED FROM SAME DRAWING.

FLAG OPTIONAL

ARCHITECTURAL ELEVATION REFERENCE

3/A05 — DRAWING NUMBER ON WHICH ELEVATION APPEARS; ELEVATION NUMBER

NORTH ARROW

DOOR NUMBER

114 — ROOM NUMBER; 2 — NUMBER OF DOOR

ACCESSORY SYMBOL

E-2 — ACCESSORY LETTER; RE: SPECIFICATION

PARTITION SYMBOL

D — REFER TO: PARTITION TYPES

WORKING POINT

CONTROL JOINT/RAKE JOINT

CJ RJ

GRAPHIC SCALE

0 2' 4' 8' 12'

SCALE: 1/4"=1'-0"

NOTE REFERENCE

1 — A NUMBER WITHIN A BOX INDICATES A SPECIFIC NOTE REFERENCED ON THE SAME DRAWING

PARTITION TYPES

MARK	DESCRIPTION	SKETCH
A	ONE LAYER 5/8" GYPSUM BOARD APPLIED PARALLEL TO 7/8" STL FURRING CHANNELS AT 16" OC. ATTACHED TO CONCRETE WALL WITH 1" DRYWALL SCREWS 12" OC AT VERTICAL EDGES AND 16" OC AT INTERMEDIATE CHANNELS. STC RANGE: N/A FIRE RATING: N/A	
B	BASE LAYER 5/8" GYPSUM WALLBOARD APPLIED PERPENDICULAR AND OR PARALLEL TO EACH SIDE OF 2 1/2" STL STUDS AT 16" OC WITH 1" DRYWALL SCREWS AT 24" OC FACE LAYER 5/8" GYPSUM WALLBOARD APPLIED PERPENDICULAR AND OR PARALLEL TO EACH SIDE OF STUDS WITH 1 5/8" DRYWALL SCREWS 12" OC. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 16" OC EACH SIDE. PROVIDE 2 1/2" FIBER BATT INSULATION IN CAVITY. STC RANGE: 50-54 FIRE RATING: N/A	
C	ONE LAYER 5/8" GYPSUM WALLBOARD APPLIED PARALLEL TO 3 5/8" STL STUDS AT 16" OC. STC RANGE: N/A FIRE RATING: N/A	
D	ONE LAYER 5/8" GYPSUM WALLBOARD APPLIED PERPENDICULAR OR PARALLEL TO EACH SIDE OF 3 5/8" STL STUDS AT 16" OC WITH 1" DRYWALL SCREWS AT 8" OC TO VERTICAL EDGES AND TOP AND BOTTOM RUNNERS, AND 12" OC TO INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 16" OC EACH SIDE. STC RANGE: N/A FIRE RATING: N/A	
D1	SAME AS D WITH 3 1/2" FIBER BATT INSULATION. STC RANGE: N/A FIRE RATING: N/A	
E	SAME AS D W/ 6" STL STUDS STC RANGE: N/A FIRE RATING: N/A	
F	SAME AS D WITH 6" FIBER BATT INSULATION STC RANGE: N/A FIRE RATING: N/A	
E1	BASE LAYER 5/8" GYPSUM WALLBOARD APPLIED PERPENDICULAR AND OR PARALLEL TO EACH SIDE OF 6" STL STUDS AT 16" OC WITH 1" DRYWALL SCREWS AT 24" OC FACE LAYER 5/8" GYPSUM WALLBOARD APPLIED PERPENDICULAR AND PARALLEL TO EACH SIDE OF STUDS WITH 1 5/8" DRYWALL SCREWS 12" OC. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 16" OC EACH SIDE. STC RANGE: N/A FIRE RATING: N/A	
F1	SAME AS F WITH 6" FIBER BATT INSULATION AND 6" STL STUDS. STC RANGE: 45-49 FIRE RATING: N/A	
G	CHASE WALL: ONE LAYER 5/8" GYPSUM WALLBOARD ON TWO ROWS OF 3 5/8" STL STUDS AT 16" OC WITH 2 LAYERS OF 3 1/2" FIBER BATT INSULATION. WIDTH AS INDICATED ON THE PLANS. (ATTACHMENT SAME AS DESCRIBED FOR D). STC RANGE: N/A FIRE RATING: N/A	
H	ONE LAYER 5/8" GYPSUM WALLBOARD ON TWO ROWS OF 3 5/8" STL STUDS AT 16" OC. WIDTH AS INDICATED ON PLANS. (ATTACHMENT SAME AS DESCRIBED FOR D). STC RANGE: N/A FIRE RATING: N/A	

LIST OF DRAWINGS

REV	DWG NO	DRAWING TITLE
1	SKA01	COVER SHEET
3	I01	INDEX/GENERAL INFORMATION
1	C01	OVERALL SITE/KEY PLAN
2	C02	RFC/WFO SITE AND UTILITIES PLAN
2	C03	RFC/WFO FINISH GRADING PLAN
1	C04	RDA CONDUIT PLAN SHEET 1 OF 2
2	C05	RDA CONDUIT PLAN SHEET 2 OF 2
2	C06	RDA ACCESS ROAD PLAN
1	C07	UPPER AIR INFLATION BUILDING CONDUIT PLAN SHEET 1 OF 2
1	C08	UPPER AIR INFLATION BUILDING CONDUIT PLAN SHEET 2 OF 2
2	C09	UPPER AIR INFLATION BUILDING FINISH GRADING PLAN
2	C10	SECTIONS AND DETAILS SHEET 1 OF 3
1	C11	SECTIONS AND DETAILS SHEET 2 OF 3
1	C12	SECTIONS AND DETAILS SHEET 3 OF 3
2	A01	LANDSCAPE PLAN
1	A02	FLOOR PLAN
1	A03	ELEVATIONS
1	A04	WALL SECTIONS/DETAILS
1	A05	EXTERIOR DETAILS
1	A06	REFLECTED CEILING PLAN
1	A07	ROOF PLAN/DETAILS
1	A08	DETAILS AND INTERIOR ELEVATIONS SHEET 1 OF 2
1	A09	DETAILS AND INTERIOR ELEVATIONS SHEET 2 OF 2
1	A10	SCHEDULES
1	A11	DDG/STORAGE BUILDING PLAN/ ELEVATIONS/DETAILS
1	S01	FOUNDATION PLAN
1	S02	ROOF FRAMING PLAN
1	S03	FOUNDATION SECTIONS AND DETAILS SHEET 1 OF 2
1	S04	FOUNDATION SECTIONS AND DETAILS SHEET 2 OF 2
2	S05	MISCELLANEOUS CONCRETE DETAILS
1	S06	COLUMN AND ANCHOR BOLT SCHED/ FRAMING ELEVATIONS
1	S07	FRAMING ELEVATIONS/MISC SECTIONS AND DETAILS
1	S08	FRAMING SECTIONS AND DETAILS SHT 1 OF 3
1	S09	FRAMING SECTIONS AND DETAILS SHT 2 OF 3
1	S10	FRAMING SECTIONS AND DETAILS SHT 3 OF 3
1	S11	DDG/STORAGE BUILDING PLANS, SECTIONS AND DETAILS
1	S12	DDG/STORAGE BUILDING SECTIONS AND DETAILS
1	S13	TRASH ENCLOSURE PLANS, SECTIONS AND DETAILS
1	M01	PLUMBING PLAN
1	M02	PLUMBING DETAILS AND SCHEDULES
1	M03	HVAC PLAN
1	M04	HVAC SECTIONS AND DETAILS
1	M05	HVAC TEMPERATURE CONTROLS
1	M06	HVAC SYMBOLS, SCHEDULES AND LEGEND
1	M07	DIESEL DRIVEN GENERATOR PLAN AND FUEL TANK
1	M08	IRRIGATION PLAN
1	E01	LEGEND AND FIXTURE SCHEDULE
1	E02	ONE-LINE DIAGRAM
1	E03	PANELBOARDS, SCHEMATICS AND CONTROL DIAGRAMS
1	E04	ELECTRICAL SITE PLAN
1	E05	ELECTRICAL GROUNDING PLAN
1	E06	ELECTRICAL POWER PLAN
1	E07	COMMUNICATIONS/CONTROLS PLAN
1	E08	ELECTRICAL LIGHTING PLAN
1	E09	ELECTRICAL DDG/STORAGE BUILDING
1	E10	ELECTRICAL SECTIONS AND DETAILS
2	E11	ELECTRICAL UPPER AIR INFLATION BLDG SITE PLAN
3	UA01	UPPER AIR INFLATION BLDG PLANS AND ELEVATIONS
1	UA02	UPPER AIR INFLATION BLDG SECTIONS AND DETAILS SHEET 1 OF 2
1	UA03	UPPER AIR INFLATION BLDG SECTIONS AND DETAILS SHEET 2 OF 2
1	US01	UPPER AIR INFLATION BUILDING FOUNDATION PLAN, DETAILS AND ELEVATIONS
1	US02	UPPER AIR INFLATION BUILDING STAIR PLAN AND DETAILS
1	UE01	UPPER AIR INFLATION BLDG ELECTRICAL PLANS
1	UE02	UPPER AIR INFLATION BLDG ELEVATIONS AND DETAILS
1	UE03	UPPER AIR INFLATION BLDG MATERIALS LIST AND DETAILS

1 2

NOTICE
TO BIDDERS ONLY

DRAWINGS MAY NOT NECESSARILY BE FULL SIZE. THE BIDDERS SHALL VERIFY THE SCALE OF EACH DRAWING WITH THE BAR SCALES AND THE DIMENSIONS PROVIDED.

MATERIAL SYMBOLS

PLAN/ SECTION	MATERIAL	ELEVATION
	FLOOR TILE	
	CARPET	
	GLASS	
I	IRON OR STEEL	
	EARTH	
	SAND, GRAVEL, OR CRUSHED ROCK	
	STONE	
	ASPHALT PAVING	

PLAN/ SECTION	MATERIAL	ELEVATION
	CONCRETE	
	BRICK VENEER	
	MASONRY BLOCK	
	PLASTER, STUCCO, OR POURED GYPSUM	
	GYPSUM BOARD	
	WOOD	
	INSULATION	
	ACOUSTICAL TILE	

CODE INFORMATION

GOVERNING CODES
1991 UNIFORM BUILDING CODE
1990 NATIONAL ELECTRICAL CODE
1988 UNIFORM PLUMBING CODE
1991 UNIFORM MECHANICAL CODE
AMERICAN CONCRETE INSTITUTE STANDARD 318-89
AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS ASD-89

GROSS AREA: 11,607 SQUARE FEET
OCCUPANCY: B2
OCCUPANT LOAD: 60 PERSONS
CONSTRUCTION TYPE: TYPE V N

NO.	DATE	PREPARED BY	CHECKED BY	AS APPROVED	DESCRIPTION OF REVISION
3	8/29/94	CCT	JJS/MRD	MJM/TLS	FOR/DHM	REVISED PER AS BUILT CONDITIONS
2	2/03/93	DAK	JJS/MRD	BLR/TLS	FOR/DHM	CHANGED REVISION NUMBERS
1	11/17/92	JDB	JJS/MRD	BLR/JFH	FOR/DHM	CHANGED REVISION NUMBERS

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
KANSAS CITY, MO. U.S.A.

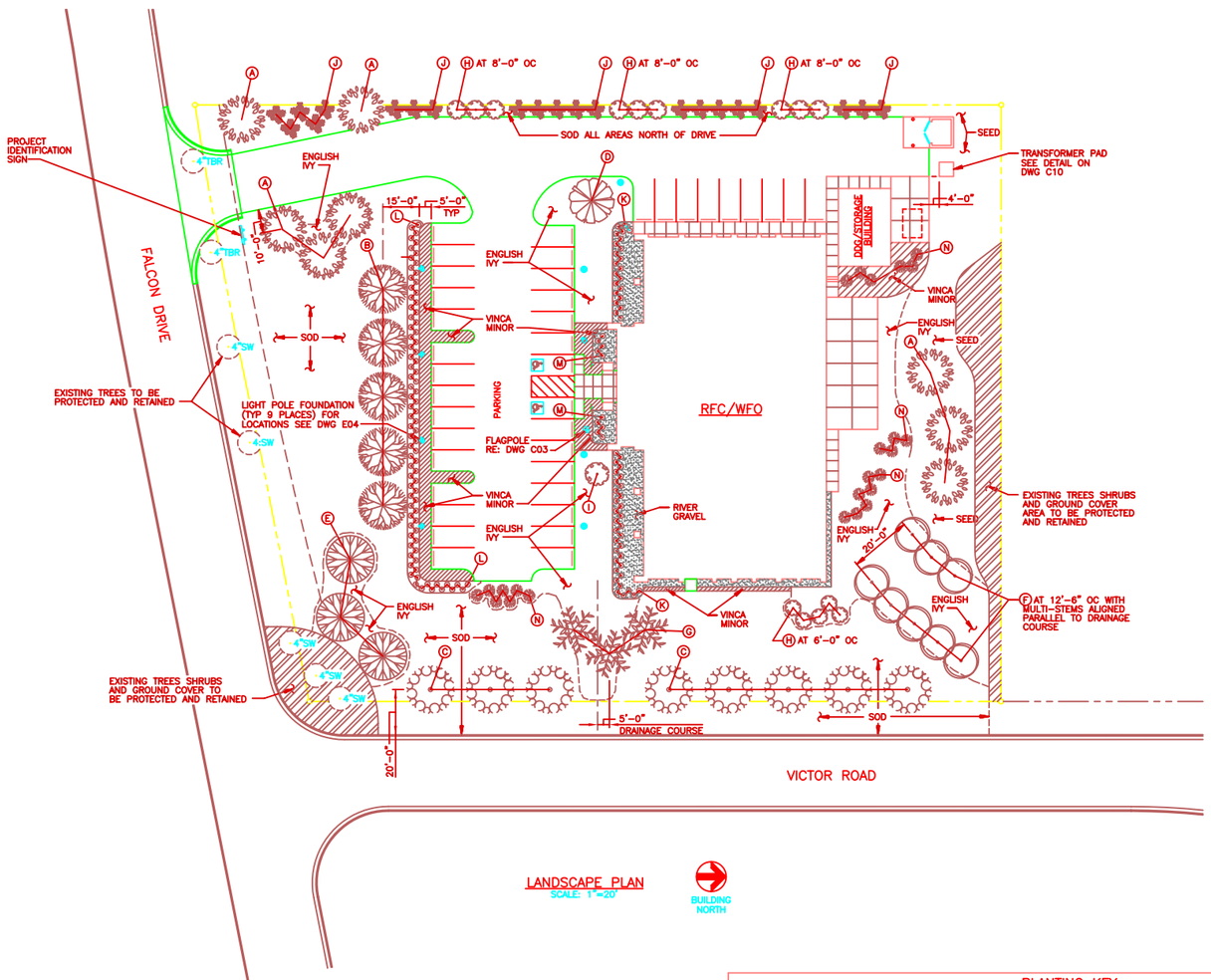
DRAWN: L. HUSTON
CHECKED: J. SCHNEIDER
SUP'V. ENGR: M. DEATON
ENGR/PROJ. MGR.: BLR/TLS
ACCES./CORR.: DHM/MAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA

INDEX/GENERAL INFORMATION

	SIZE	DWG. NO.	CUR.	REV.
449404-	6	I01	CK	3

F25P0004 08/28/94 09:41 CCT 12/1=1" KC2K0013

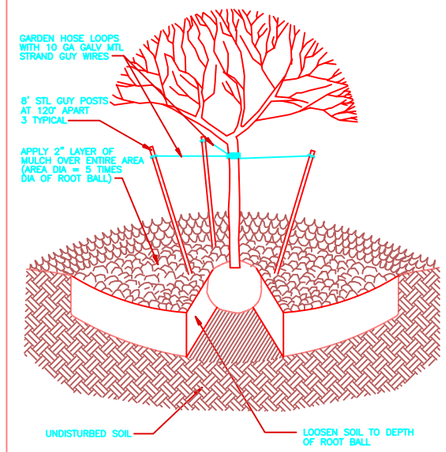


LANDSCAPE PLAN

SCALE: 1"=20'

BUILDING NORTH

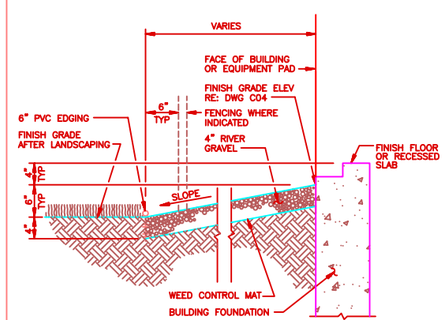
0 10' 20' 40' 60'
SCALE: 1"=20'



TYPICAL TREE PLANTING DETAIL

SCALE: NONE

NOTE: WATER HOLDING BERM NOT RECOMMENDED



TYPICAL RIVER GRAVEL AND EDGING DETAIL

SCALE: NONE

NOTE: WHERE RIVER GRAVEL AND EDGING ARE INDICATED AROUND EQUIPMENT PADS, LOCATE PVC EDGING 6" BEYOND OUTSIDE FACE OF FENCING.

NOTES

1. SEED ALL AREAS EXCEPT AREAS NOTED TO BE SODDED WITHIN PROPERTY LINES NOT OTHERWISE COVERED BY PAVING, BUILDING OR LANDSCAPING.
2. SEE CIVIL DRAWINGS FOR ACTUAL SITE LAYOUT, SIDEWALKS, LIGHTING AND PAVING.
3. THIS DRAWING IS FOR LANDSCAPE PURPOSES ONLY.
4. TREES SHALL BE PLANTED PER TYPICAL TREE PLANTING DETAIL.
5. SHRUBS SHALL BE PLANTED PER SPECIFICATIONS.
6. PROVIDE EROSION CONTROL BLANKET WHERE FINISH GRADE IS 3:1 OR MORE. REFER TO DRAWING C03.

PLANTING KEY

TYPE	COMMON NAME	BOTANICAL NAME	QTY	SIZE
A	RED MAPLE "RED SUNSET"	ACER RUBRUM "RED SUNSET"	8	2 1/2" CAL., 12'-14', 20' OC
B	RED MAPLE "OCTOBER GLORY"	ACER RUBRUM "OCTOBER GLORY"	5	2 1/2" CAL., 12'-14', 22'-6" OC
C	SUGAR MAPLE	ACER SACCHARUM	8	2 1/2" CAL., 12'-14', 25' OC
D	BRADFORD PEAR	PYRUS CALLERYANA "BRADFORD"	1	2 1/2" CAL., 12'-14'
E	SOUTHERN MAGNOLIA	MAGNOLIA GRANDIFLORA	3	2 1/2" CAL., 10' HT., 20' OC
F	RIVER BIRCH (MULTI-STEM)	BETULA NIGRA	8	3-STEM MIN., 2 1/2" CAL. TOTAL, 10'-12'
G	WILLOW OAK	QUERCUS PHELLOS	3	2 1/2" CAL., 12'-14', 17'-6" OC
H	CRAPE MYTRLE "WATERMELON RED"	LAGERSTROEMIA INDICA	14	6' HT
I	WHITE CRAPE MYRTLE	LAGERSTROEMIA INDICA	1	SPECIMEN, 6'-8'
J	VIRGINIA PINE	PINUS VIRGINIANA	21	1 1/4" CAL. MIN., FULL, 6' HT, 8' OC
K	KARUME AZALEA "SHERWOOD RED"	RHODODENDRON OBTUSUM	55	2 GAL, 3' OC
L	BURFORD HOLLY	ILEX CORNUTA "BURFORDII"	84	3 GAL, 3' OC
M	DWARF BURFORD HOLLY	ILEX CORNUTA "BURFORDII NANA"	10	3 GAL, 3' OC
N	PURPLELEAF SAND CHERRY	PRUNUS X CISTENA	24	3' HT., 5' OC
	ENGLISH IVY	HEDERA HELIX		ROOTED CUTTINGS, 6" OC
	COMMON PERIWINKLE	VINCA MINOR		4" POTS, 6" OC

PLANTING INFORMATION

SITE DATA:	±1.80 ACRES	±78,506 SF	APPROVED BY:
PERMANENTLY DISTURB:	±0.82 ACRES	±35,792 SF	PLANNING COMMISSION
LANDSCAPED:	±0.98 ACRES	±42,714 SF	DATE:
REQUIRED CANOPY TREES: 36			
REQUIRED UNDERSTORY TREES: 36			BY:

NO.	DATE	PREPARED BY	CHECKED BY	PE APPROVED	ARCHITECT APPROVED	DESCRIPTION OF REVISION
2	8/29/94	JWM	M DEATON	BLR/TLS	EMJ/RAR	REVISED PER AS-BUILT CONDITIONS.
1	11/17/93	JDB	JS/MD	BLR/TLS	EMJ/RAR	REMOVED MECHANICAL EQUIPMENT FENCE

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRESS MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
REGISTRY OFFS. INC. U.S.A.

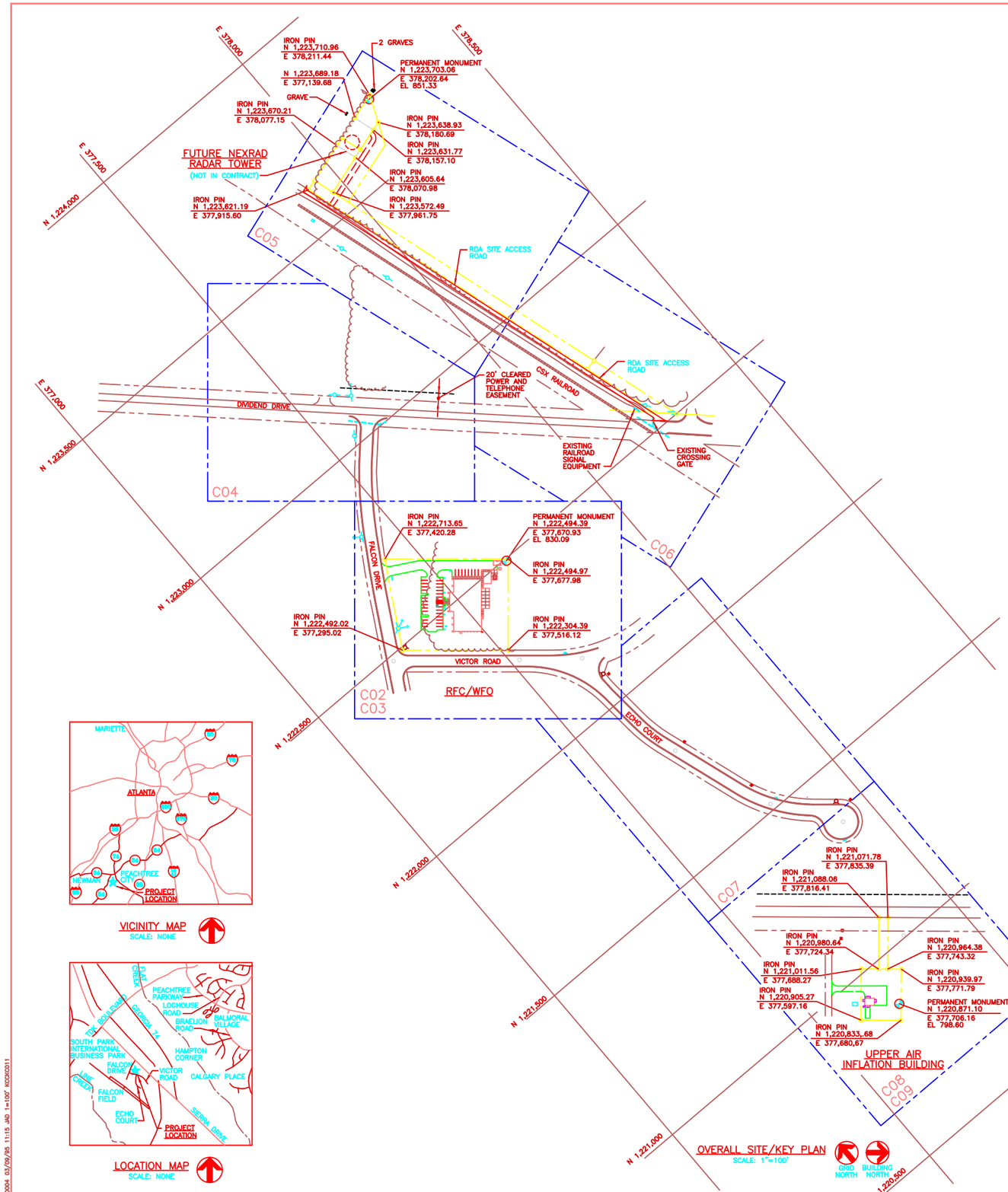
DESIGN: L. HUSTON
CHECKED: J. D. BRANDER
DWFT. BY: M. DEATON
ENGR/PROJ. MGR.: BLR/TLS
ARCHIT./PROJ.: EMJ/RAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA

LANDSCAPE PLAN

SIZE	DWG. NO.	CLAS.	REV.
449404-	6	A01	CK	2

FDSP0004 08/05/94 12:51 JWM 1=20' KCC0A012



VICINITY MAP
SCALE: NONE

LOCATION MAP
SCALE: NONE

OVERALL SITE/KEY PLAN
SCALE: 1"=100'

GRID NORTH BUILDING NORTH

0 50' 100' 200' 300'
SCALE: 1"=100'

UTILITY DESIGNATION

2 1/2"W — SERVICE IDENTIFICATION; LINE SIZE

LEGEND

- PROPERTY LINE / RIGHT OF WAY
- EASEMENT / SETBACK / GREENBELT
- 820 — EXISTING GRADE CONTOUR
- 820 — FINISH GRADE CONTOUR
- EXISTING FENCE
- FUTURE FENCE (NOT IN CONTRACT)
- TEMPORARY SILT FENCE
- CHAIN LINK FENCE
- T — EXISTING UNDERGROUND TELEPHONE
- E — EXISTING UNDERGROUND POWER
- OHT — EXISTING UNDERGROUND TELEGRAPH
- OHP — EXISTING OVERHEAD POWER
- OH — EXISTING OVERHEAD UTILITY
- 10"W — EXISTING WATER LINE
- 4"SS — EXISTING SANITARY SEWER
- G — EXISTING GAS LINE
- 2 1/2"W — WATER LINE
- 4"SS — SANITARY SEWER
- DITCH OR SWALE
- RIDGE / VALLEY LINE
- SLOPE
- 820.00 — FINISH GRADE SPOT ELEVATION
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- EXISTING TELEPHONE PEDESTAL
- LIGHT POLE FOUNDATION
- GROUND TEST WELL
- WATER METER
- EXISTING VALVE
- EXISTING MANHOLE
- EXISTING CURB INLET
- PERMANENT MONUMENT
- FLAGPOLE
- 12"SW — EXISTING SOFTWOOD TREE SHOWN WITH DIAMETER AT TIME OF SURVEY
- 12"TBR — EXISTING TREE TO BE REPLACED SHOWN WITH DIAMETER AT TIME OF SURVEY
- AGGREGATE ROAD SURFACE
- EXISTING CULVERT
- CULVERT
- CURB AND GUTTER
- CONCRETE SURFACE
- NEW 3" ASPHALTIC CONCRETE PAVEMENT
- RAILROAD TRACKS
- TREE/BRUSH LINE
- LIMITS OF TREE/BRUSH REMOVAL

PROFILE DESIGNATION

833.8 — FINISH GRADE ELEVATION
833.50 — EXISTING GRADE ELEVATION

GENERAL NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01.
2. BEARING SYSTEM AND PERMANENT MONUMENT COORDINATES SHOWN ARE BASED ON THE GEORGIA STATE PLANE COORDINATES GEORGIA WEST ZONE LOCALIZED CONTROL NETWORK. OTHER COORDINATES DO NOT HAVE GRID FACTOR ADJUSTMENTS. ALL DISTANCES SHOWN ARE GROUND DISTANCES.
3. ELEVATIONS SHOWN ARE BASED ON MEAN SEA LEVEL.
4. EXISTING UTILITY AND TOPOGRAPHIC INFORMATION IS BASED ON AN OCTOBER 3, 1991 (REVISED DECEMBER 19, 1991) AND A JUNE 10, 1992 TOPOGRAPHIC SURVEY, PREPARED BY JEFFERSON CONSULTANTS, INC..
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES WITH THE DRAWINGS TO THE CONTRACT ADMINISTRATOR FOR RESOLUTION.
6. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THAT THE PERMANENT SITE MONUMENTS AND PROPERTY CORNERS ARE LOCATED AS SHOWN ON THE DRAWINGS AND HAVE NOT BEEN DISTURBED. IF ANY DISCREPANCIES ARE FOUND, NOTIFY THE CONTRACT ADMINISTRATOR FOR RESOLUTION.
7. CONTRACTOR'S ACCESS TO THE PROPERTY SHALL BE FROM FALCON DRIVE ONLY.
8. CONTRACTOR'S PARKING AND LAYDOWN AREAS SHALL BE LIMITED TO THE SPACE WITHIN THE PROPERTY LINES SHOWN ON THIS DRAWING.
9. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS FROM STRUCTURES SHALL BE MEASURED OFF THE FACE OF THE FOUNDATION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING STORM DRAINAGE NETWORK OR INSTALLING AN ADEQUATE TEMPORARY SYSTEM UNTIL THE NEW FACILITY HAS BEEN CONSTRUCTED.
11. PRIOR TO TRENCHING FOR THE RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATIONS, THE CONTRACTOR SHALL VERIFY, WITH THE UTILITIES COMPANIES, THE LOCATION AND ELEVATION OF EXISTING UTILITIES ALONG THE ENTIRE CONDUIT RUNS. AT ALL PROPOSED CROSSING POINTS THE CONTRACTOR SHALL ADJUST CONDUIT ELEVATIONS AS REQUIRED TO PROVIDE A 6 INCH (MINIMUM) CLEARANCE BETWEEN THE CONDUITS AND EXISTING UTILITIES. EXISTING UTILITIES SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL CONDUIT INSTALLATION OPERATIONS.
12. EXISTING LAWN AREAS DISTURBED DURING RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATION SHALL BE RETURNED TO ORIGINAL GRADE AND SODDED BY THE CONTRACTOR.
13. THE FUTURE RADAR FOUNDATION PAD TOWER AND FENCE ARE NOT PART OF THIS CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EARTHWORK ACTIVITIES AND CONSTRUCTION FEATURES IN AND AROUND THE FUTURE RADAR SITE.

NO.	DATE	PREPARED BY	CHECKED BY	FIELD APPROVED	ACCEPTED/APPROVED	DESCRIPTION OF REVISION
1	8/29/94	JWM	L D BOWEN	BLR/TLS	EHM/WAR	REVISED PER AS-BUILT CONDITIONS.

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRESS ASSOCIATED SERVICES CORPORATION
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
ENGINE CRFT, INC.
U.S.A.

SEPO

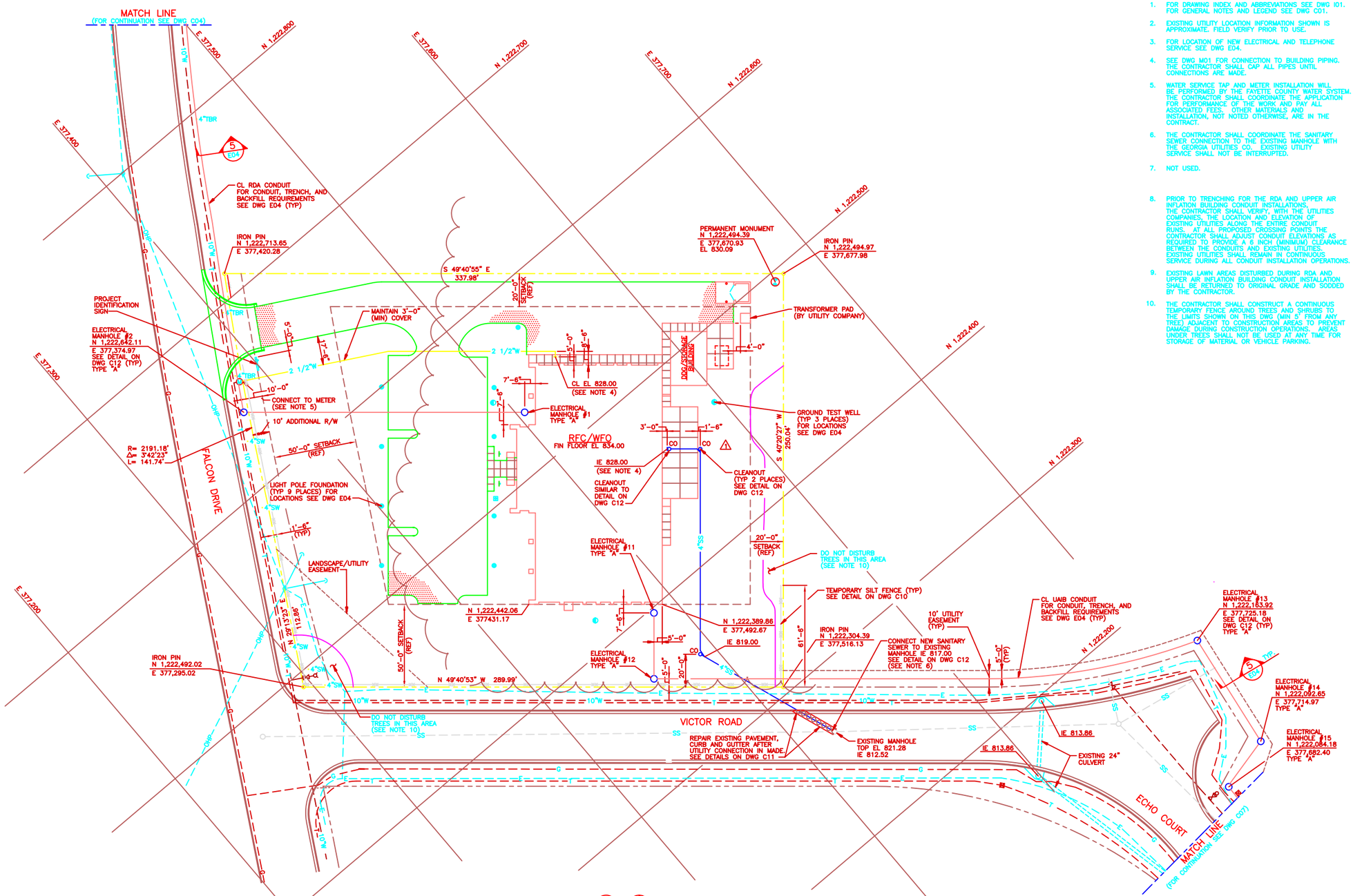
DRAWN: J.A. DILLEY
CHECKED: L. D. BOWEN
SUP'V. ENGR.: L. D. BOWEN
ENGR/PROJ. MGR.: BLR/TLS
ACCEP./PROM.: EHM/WAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA

OVERALL SITE/KEY PLAN

449404–	SIZE 6	DWG. NO. C01	CLN. CK	REV. 1

FDSP00004 03/09/95 11:15 JAD 1=100' KCOXC011



RFC/WFO
SITE AND UTILITIES PLAN
SCALE: 1"=20'

NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. EXISTING UTILITY LOCATION INFORMATION SHOWN IS APPROXIMATE. FIELD VERIFY PRIOR TO USE.
3. FOR LOCATION OF NEW ELECTRICAL AND TELEPHONE SERVICE SEE DWG E04.
4. SEE DWG M01 FOR CONNECTION TO BUILDING PIPING. THE CONTRACTOR SHALL CAP ALL PIPES UNTIL CONNECTIONS ARE MADE.
5. WATER SERVICE TAP AND METER INSTALLATION WILL BE PERFORMED BY THE FAYETTE COUNTY WATER SYSTEM. THE CONTRACTOR SHALL COORDINATE THE APPLICATION FOR PERFORMANCE OF THE WORK AND PAY ALL ASSOCIATED FEES. OTHER MATERIALS AND INSTALLATION, NOT NOTED OTHERWISE, ARE IN THE CONTRACT.
6. THE CONTRACTOR SHALL COORDINATE THE SANITARY SEWER CONNECTION TO THE EXISTING MANHOLE WITH THE GEORGIA UTILITIES CO. EXISTING UTILITY SERVICE SHALL NOT BE INTERRUPTED.
7. NOT USED.
8. PRIOR TO TRENCHING FOR THE RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATIONS, THE CONTRACTOR SHALL VERIFY, WITH THE UTILITIES COMPANIES, THE LOCATION AND ELEVATION OF EXISTING UTILITIES ALONG THE ENTIRE CONDUIT RUNS. AT ALL PROPOSED CROSSING POINTS THE CONTRACTOR SHALL ADJUST CONDUIT ELEVATIONS AS REQUIRED TO PROVIDE A 6 INCH (MINIMUM) CLEARANCE BETWEEN THE CONDUITS AND EXISTING UTILITIES. EXISTING UTILITIES SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL CONDUIT INSTALLATION OPERATIONS.
9. EXISTING LAWN AREAS DISTURBED DURING RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATION SHALL BE RETURNED TO ORIGINAL GRADE AND SODDED BY THE CONTRACTOR.
10. THE CONTRACTOR SHALL CONSTRUCT A CONTINUOUS TEMPORARY FENCE AROUND TREES AND SHRUBS TO THE LIMITS SHOWN ON THIS DWG (MIN 5' FROM ANY TREE) ADJACENT TO CONSTRUCTION AREAS TO PREVENT DAMAGE DURING CONSTRUCTION OPERATIONS. AREAS UNDER TREES SHALL NOT BE USED AT ANY TIME FOR STORAGE OF MATERIAL OR VEHICLE PARKING.

0 10' 20' 40' 60'
SCALE: 1"=20'

NO.	DATE	PREPARED BY	CHECKED BY	RE APPROVED	ACCEPTED/ APPROVED	DESCRIPTION OF REVISION
2	8/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.
1	11/17/92	JDB	LD BOWEN	BLR/TLS	EHM/RAR	REMOVED MECHANICAL EQUIPMENT FENCE

WFO / NEXRAD PROGRAM
PROJECT NO. C901

PROGRESS MANAGEMENT SERVICES CORPORATION
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
DENVER CITY, MO.
U.S.A.

DRAWN: JA DILLEY
CHECKED: LD BOWEN
SUPV. ENGR. LD BOWEN
ENGR/PROJ. MGR. BLR/TLS
ACCEP./APPR. EHM/RAR

SEPO

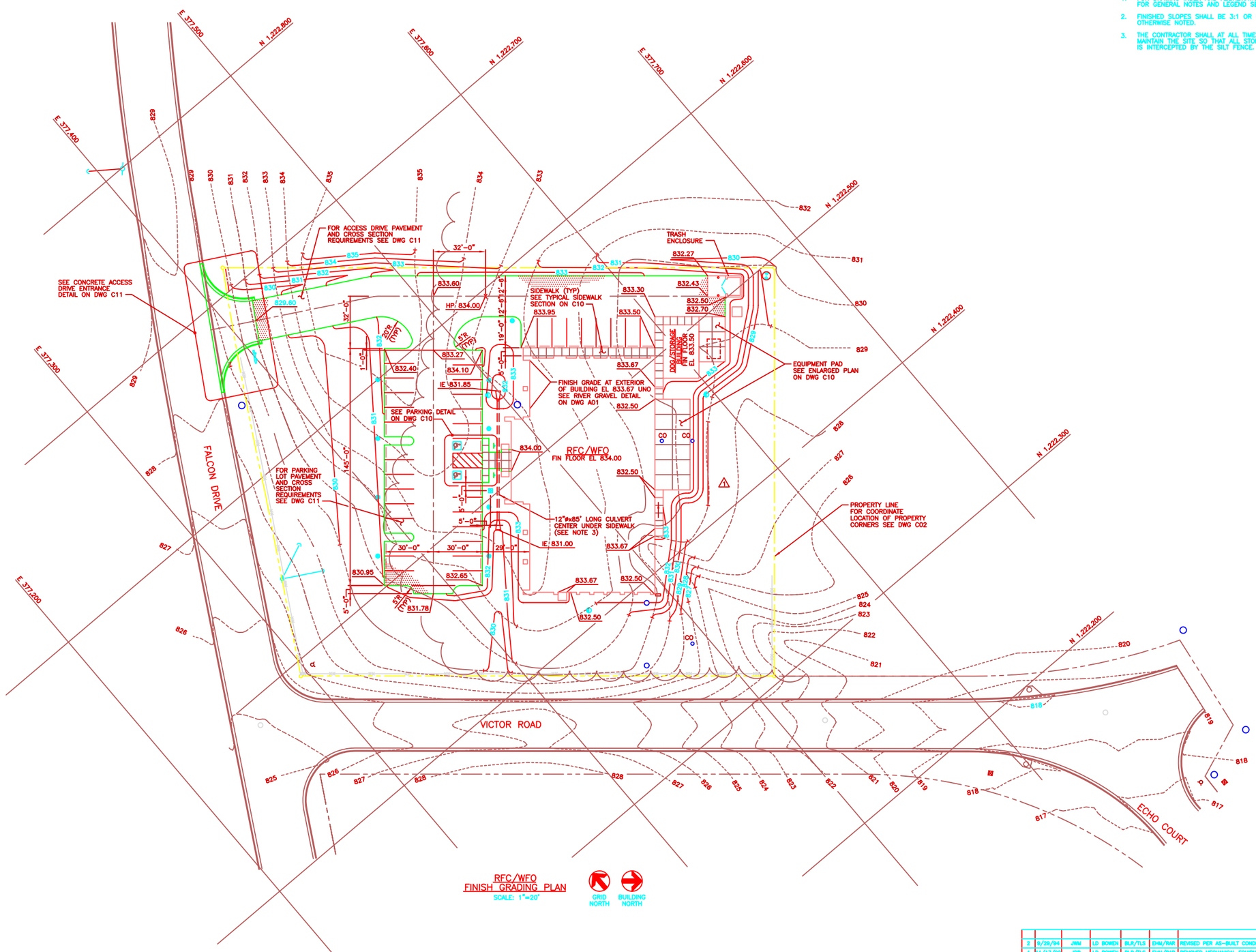
SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA
RFC/WFO
SITE AND UTILITIES PLAN

449404–	SIZE 6	DWG. NO. C02	CLN. CK	REV. 2

FDSPC004 08/29/94 10:58 CCT 1=20' KCKC022

NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. FINISHED SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL AT ALL TIMES GRADE AND MAINTAIN THE SITE SO THAT ALL STORMWATER RUNOFF IS INTERCEPTED BY THE SILT FENCE.



RFC/WFO
FINISH GRADING PLAN
SCALE: 1"=20'

GRID NORTH
BUILDING NORTH

0 10' 20' 40' 60'
SCALE: 1"=20'

NO.	DATE	PREPARED BY	CHECKED BY	APPROVED	ACCEPTANCE APPROVED	DESCRIPTION OF REVISION
2	9/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.
1	11/17/92	JDB	LD BOWEN	BLR/TLS	EHM/RAR	REMOVED MECHANICAL EQUIPMENT FENCE

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL GOULD EVANS ARCHITECTS, P.A.
KANSAS CITY, MO. U.S.A.

SEPO

DRAWN: JA DILLEY
CHECKED: LD BOWEN
SUP'S. INIT.: LD BOWEN
ENGR/REG. NO.: BLR/TLS
ACCEPT. ENGR.: EHM/RAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA

RFC/WFO
FINISH GRADING PLAN

449404–	SIZE 6	DWG. NO. C03	CLIN. CK	REV. 2

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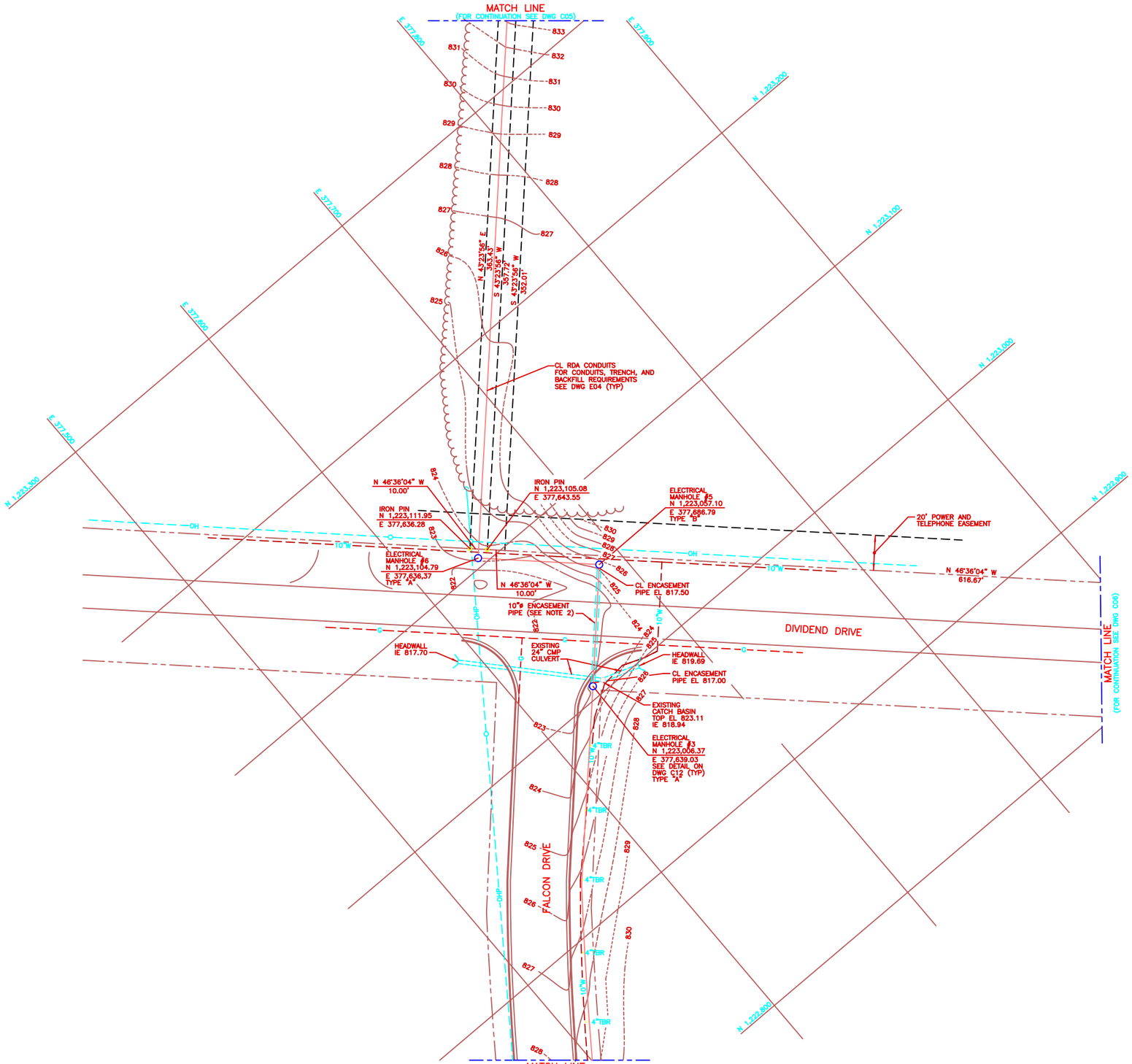


RDA CONDUIT PLAN
SCALE: 1"=20'

0 10' 20' 40' 60'
SCALE: 1"=20'

NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. CONDUIT ENCASEMENT PIPE SHALL BE INSTALLED UNDER EXISTING ROAD USING HYDRAULIC BORING/JACKING TECHNIQUES. ROAD SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL BORING/JACKING OPERATIONS.
3. PRIOR TO TRENCHING FOR THE RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATIONS, THE CONTRACTOR SHALL VERIFY, WITH THE UTILITIES COMPANIES, THE LOCATION AND ELEVATION OF EXISTING UTILITIES ALONG THE ENTIRE CONDUIT RUNS. AT ALL PROPOSED CROSSING POINTS THE CONTRACTOR SHALL ADJUST CONDUIT ELEVATIONS AS REQUIRED TO PROVIDE A 6 INCH (MINIMUM) CLEARANCE BETWEEN THE CONDUITS AND EXISTING UTILITIES. EXISTING UTILITIES SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL CONDUIT INSTALLATION OPERATIONS.
4. EXISTING LAWN AREAS DISTURBED DURING RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATION SHALL BE RETURNED TO ORIGINAL GRADE AND SODDED BY THE CONTRACTOR.

NO.	DATE	PREPARED BY	CHECKED BY	PE APPROVED	ARCH/ENGR APPROVED	DESCRIPTION OF REVISION
1	8/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

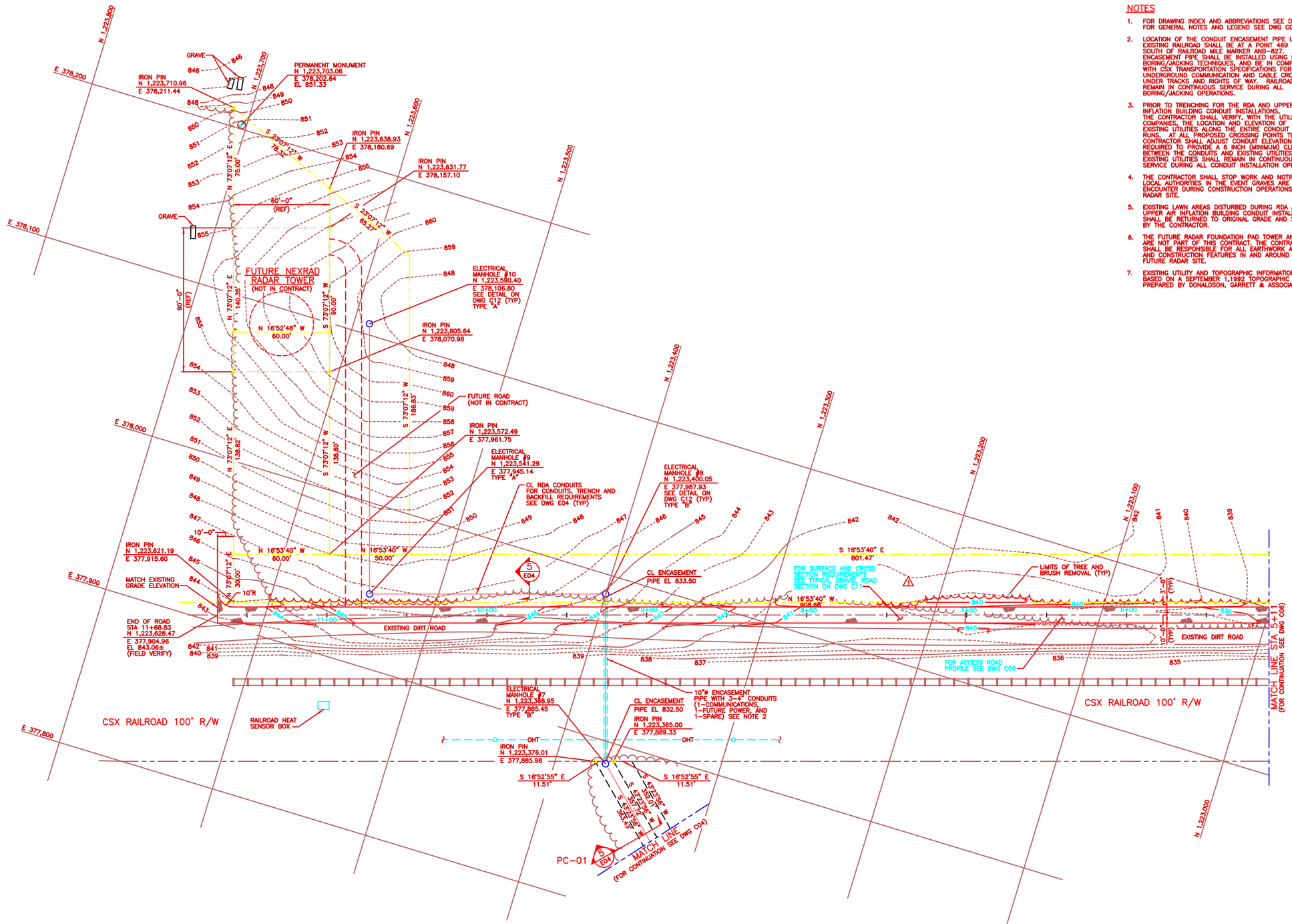
PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
RESIDENT OFFC. SEA.
U.S.A.

DRAWN: JA DILLEY
CHECKED: LD BOWEN
SUP'V. ENGR.: LD BOWEN
ENGR/PROJ. MGR.: BLR/TLS
ARCH/PROJ.: EHM/RAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA
RDA CONDUIT PLAN
SHEET 1 OF 2

449404–	SIZE 6	DWG. NO. C04	QUAL. CK	REV. 1

FDSP0004 08/29/94 10:59 CCT 1=20' KCOKC041



NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. LOCATION OF THE CONDUIT ENCASEMENT PIPE UNDER THE EXISTING RAILROAD SHALL BE AT A POINT 469 FEET SOUTH OF RAILROAD MILE MARKER ANB-827. ENCASEMENT PIPE SHALL BE INSTALLED USING HYDRAULIC BORING/JACKING TECHNIQUES, AND BE IN COMPLIANCE WITH CSX TRANSPORTATION SPECIFICATIONS FOR UNDERGROUND COMMUNICATION AND CABLE CROSSINGS UNDER TRACKS AND RIGHTS OF WAY. RAILROAD SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL BORING/JACKING OPERATIONS.
3. PRIOR TO TRENCHING FOR THE RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATIONS, THE CONTRACTOR SHALL VERIFY, WITH THE UTILITIES COMPANIES, THE LOCATION AND ELEVATION OF EXISTING UTILITIES ALONG THE ENTIRE CONDUIT RUNS. AT ALL PROPOSED CROSSING POINTS THE CONTRACTOR SHALL ADJUST CONDUIT ELEVATIONS AS REQUIRED TO PROVIDE A 6 INCH (MINIMUM) CLEARANCE BETWEEN THE CONDUITS AND EXISTING UTILITIES. EXISTING UTILITIES SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL CONDUIT INSTALLATION OPERATIONS.
4. THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE LOCAL AUTHORITIES IN THE EVENT GRAVES ARE ENCOUNTER DURING CONSTRUCTION OPERATIONS AT THE RADAR SITE.
5. EXISTING LAWN AREAS DISTURBED DURING RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATION SHALL BE RETURNED TO ORIGINAL GRADE AND SODDED BY THE CONTRACTOR.
6. THE FUTURE RADAR FOUNDATION PAD TOWER AND FENCE ARE NOT PART OF THIS CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EARTHWORK ACTIVITIES AND CONSTRUCTION FEATURES IN AND AROUND THE FUTURE RADAR SITE.
7. EXISTING UTILITY AND TOPOGRAPHIC INFORMATION IS BASED ON A SEPTEMBER 1,1992 TOPOGRAPHIC SURVEY, PREPARED BY DONALDSON, GARRETT & ASSOCIATES, INC..

RDA CONDUIT PLAN
SCALE: 1"=20'

GRID NORTH

0 10' 20' 40' 60'
SCALE: 1"=20'

NO.	DATE	PREPARED BY	CHECKED BY	PE APPROVED	ACOE/CCRS APPROVED	DESCRIPTION OF REVISION
2	9/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.
1	2/3/93	SJL	LD BOWEN	BLR/TLS	EHM/RAR	REMOVED ROAD WORK

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
KANSAS CITY, MO. U.S.A.

DRAWN JA DILLEY
CHECKED LD BOWEN
SUP'V. ENGR. LD BOWEN
ENGR/PROJ. MGR. BLR/TLS
ACCRD./PGRD. EHM/RAR

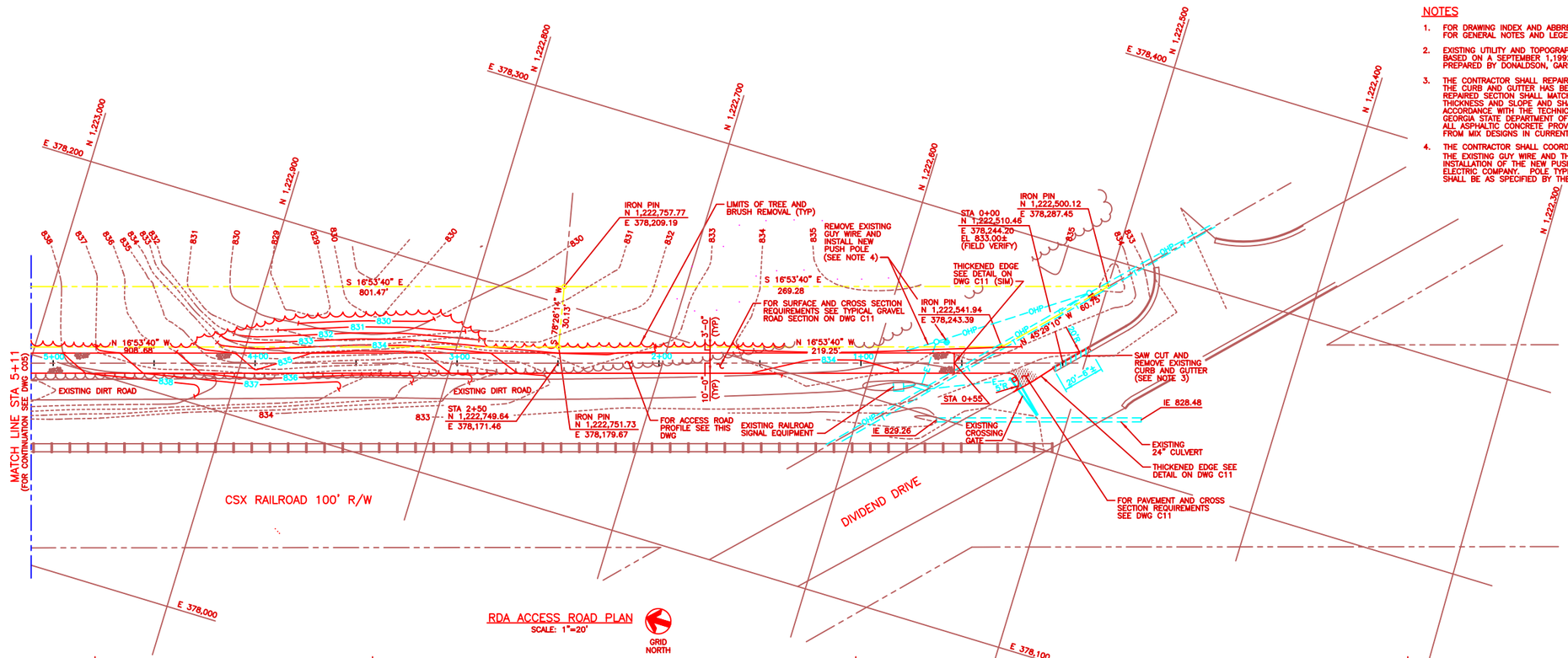
SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA
RDA CONDUIT PLAN
SHEET 2 OF 2

SIZE	DWG. NO.	CLN.	REV.
449404-	6	C05	CK	2

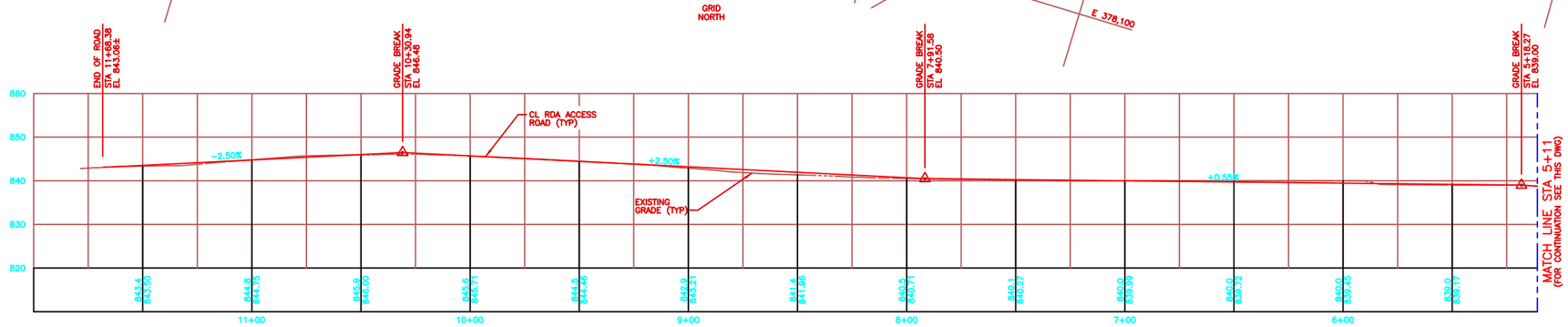
TDSP00004 08/04/94 17:53 JWM 1=20' KCCKC052

NOTES

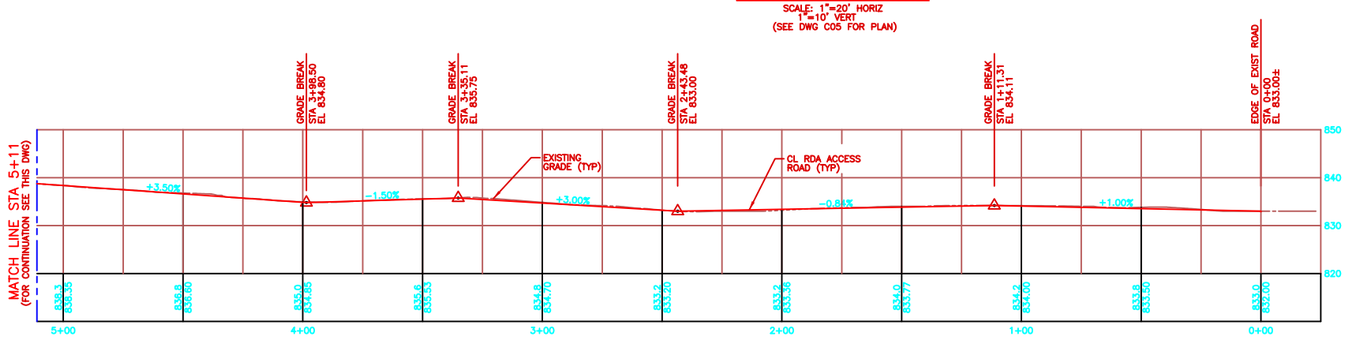
1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. EXISTING UTILITY AND TOPOGRAPHIC INFORMATION IS BASED ON A SEPTEMBER 1,1992 TOPOGRAPHIC SURVEY, PREPARED BY DONALDSON, GARRETT & ASSOCIATES, INC..
3. THE CONTRACTOR SHALL REPAIR THE PAVEMENT AFTER THE CURB AND GUTTER HAS BEEN REMOVED. THE REPAIRED SECTION SHALL MATCH THE EXISTING PAVEMENT THICKNESS AND SLOPE AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TECHNICAL REQUIREMENTS OF THE GEORGIA STATE DEPARTMENT OF TRANSPORTATION (GDOT). ALL ASPHALTIC CONCRETE PROVIDED SHALL BE PRODUCED FROM MIX DESIGNS IN CURRENT USE.
4. THE CONTRACTOR SHALL COORDINATE THE REMOVAL OF THE EXISTING GUY WIRE AND THE LOCATION AND INSTALLATION OF THE NEW PUSH POLE WITH GEORGIA ELECTRIC COMPANY. POLE TYPE AND INSTALLATION SHALL BE AS SPECIFIED BY THE ELECTRIC COMPANY.



RDA ACCESS ROAD PLAN
SCALE: 1"=20'



RDA ACCESS ROAD PROFILE
SCALE: 1"=20' HORIZ
1"=10' VERT
(SEE DWG C05 FOR PLAN)



RDA ACCESS ROAD PROFILE
SCALE: 1"=20' HORIZ
1"=10' VERT
(SEE THIS DWG FOR PLAN)

NO.	DATE	PREPARED BY	CHECKED BY	PE APPROVED	ACPE/CCPE APPROVED	DESCRIPTION OF REVISION
2	9/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.
1	2/3/93	SJL	LD BOWEN	BLR/TLS	EHM/RAR	REMOVED ROAD WORK

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRESS MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
ATLANTA, GA.
SEPO

DRAWN: JA. DILLEY
CHECKED: LD BOWEN
SUP'V. ENGR.: LD BOWEN
ENGR/PROJ. MGR.: BLR/TLS
ACPE/CCPE APPROVED: EHM/RAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA

RDA ACCESS ROAD PLAN AND PROFILE

SIZE	ENG. NO.	CLN.	REV.
6	C06	CK	2

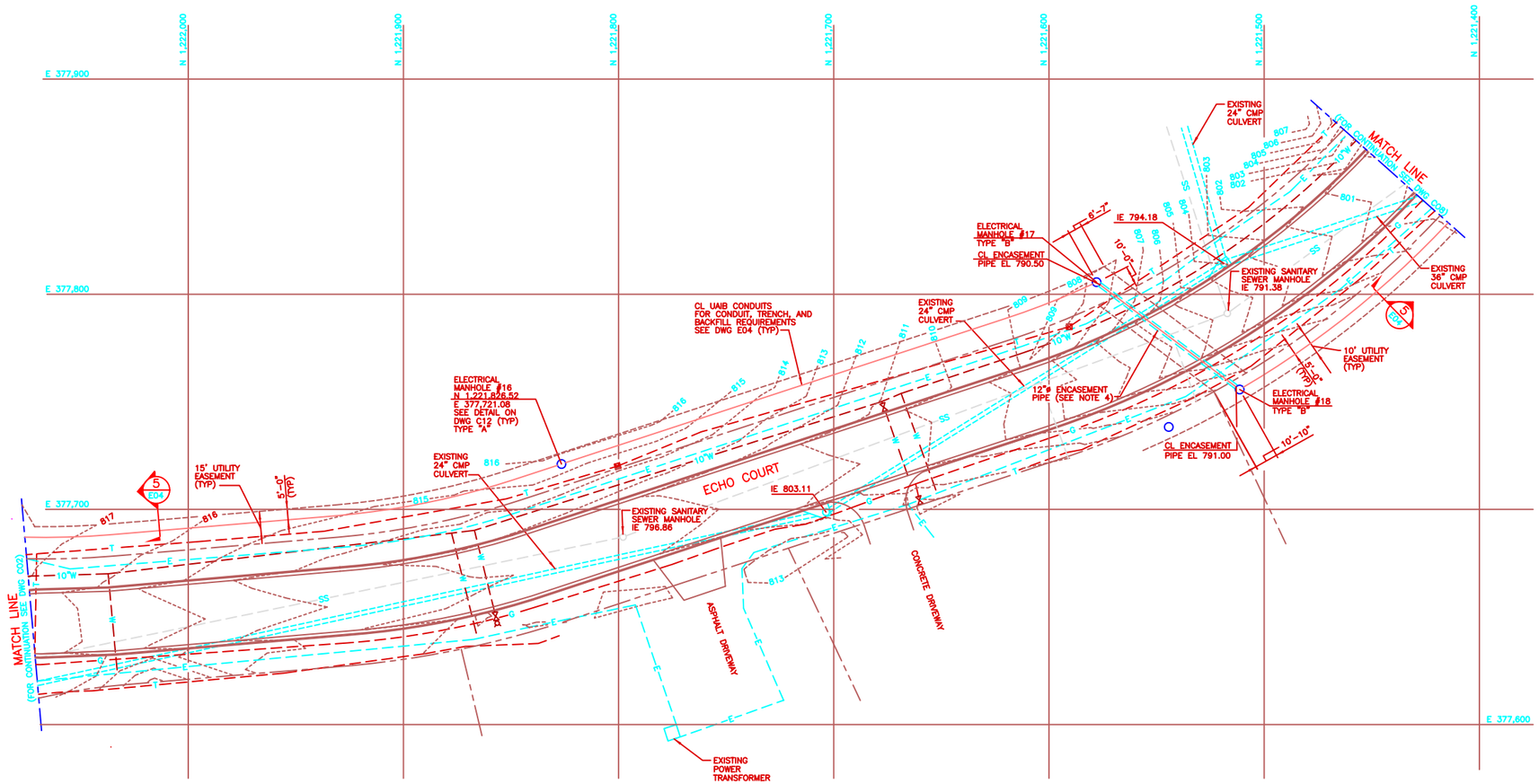
449404–

0 5' 10' 20' 30'
SCALE: 1"=10'
0 10' 20' 40' 60'
SCALE: 1"=20'

FDSP0004 09/04/94 17:50 JWM 1=20' KCCKC062

NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. PRIOR TO TRENCHING FOR THE RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATIONS, THE CONTRACTOR SHALL VERIFY, WITH THE UTILITIES COMPANIES, THE LOCATION AND ELEVATION OF EXISTING UTILITIES ALONG THE ENTIRE CONDUIT RUNS. AT ALL PROPOSED CROSSING POINTS THE CONTRACTOR SHALL ADJUST CONDUIT ELEVATIONS AS REQUIRED TO PROVIDE A 6 INCH (MINIMUM) CLEARANCE BETWEEN THE CONDUITS AND EXISTING UTILITIES. EXISTING UTILITIES SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL CONDUIT INSTALLATION OPERATIONS.
3. EXISTING LAWN AREAS DISTURBED DURING RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATION SHALL BE RETURNED TO ORIGINAL GRADE AND SODDED BY THE CONTRACTOR.
4. CONDUIT ENCASEMENT PIPE SHALL BE INSTALLED UNDER EXISTING ROAD USING HYDRAULIC BORING/ JACKING TECHNIQUES. ROAD SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL BORING/JACKING OPERATIONS.



UPPER AIR INFLATION BUILDING CONDUIT PLAN
SCALE: 1"=20'

GRID NORTH

0 10' 20' 40' 60'
SCALE: 1"=20'

NO.	DATE	PROPOSED BY	CHECKED BY	RD APPROVED	ECM/COOS APPROVED	DESCRIPTION OF REVISION
1	8/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
COULD EVANS ARCHITECTS, P.A.
KANSAS CITY, MO.
U.S.A.

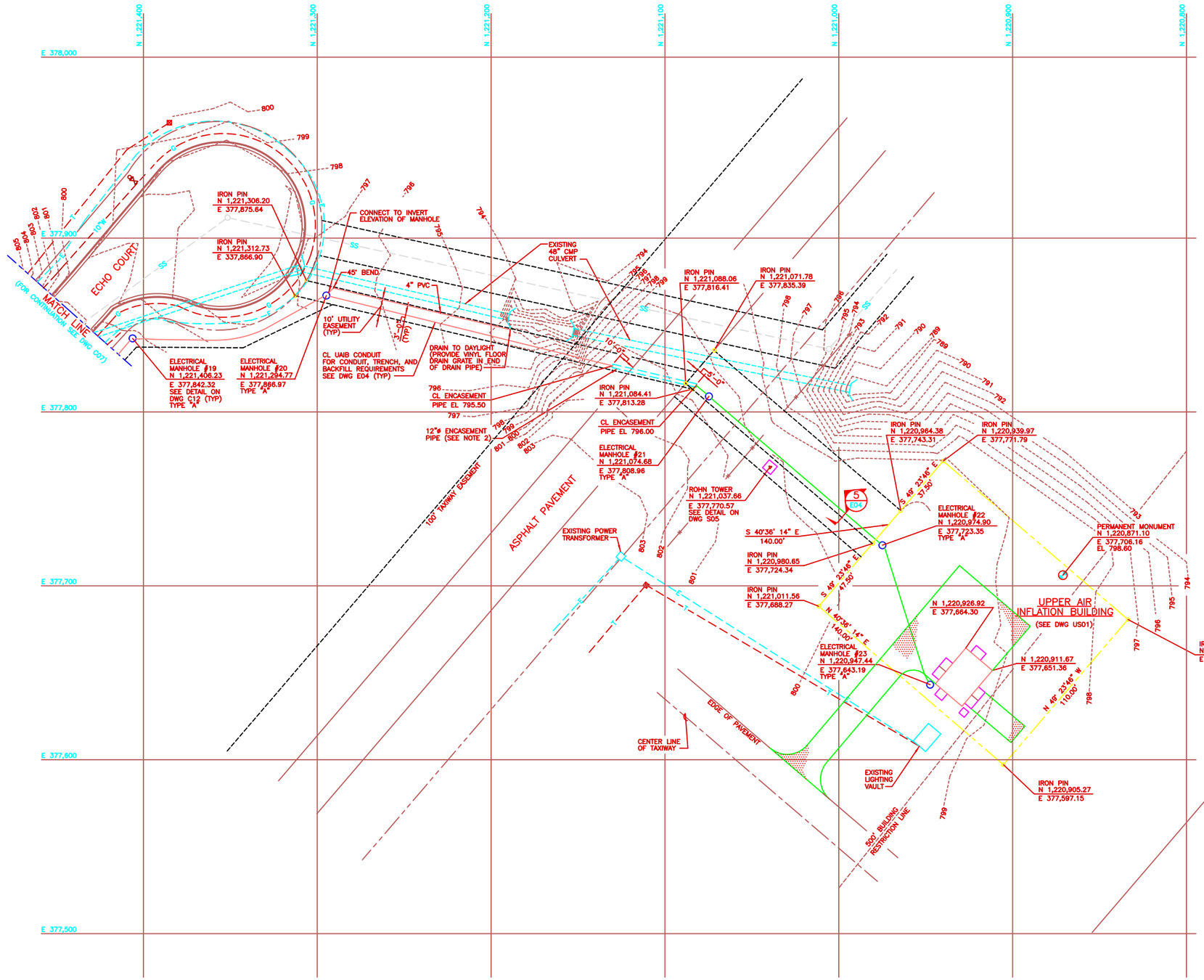
DRAWN JA DILLEY
CHECKED LD BOWEN
SUPV. ENGR. LD BOWEN
ENGINEER IN CHARGE BLR/TLS
ACCEPTANCE EHM/RAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA

UPPER AIR INFLATION BUILDING CONDUIT PLAN
SHEET 1 OF 2

449404–	SIZE 6	DWG. NO. C07	CLN. CK	REV. 1

F:\SEPO\004 08/29/94 11:04 OCT 1=20' KCOXC071



NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. CONDUIT ENCASEMENT PIPE SHALL BE INSTALLED UNDER EXISTING ROAD USING HYDRAULIC BORING/JACKING TECHNIQUES. ROAD SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL BORING/JACKING OPERATIONS.
3. PRIOR TO TRENCHING FOR THE RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATIONS, THE CONTRACTOR SHALL VERIFY, WITH THE UTILITIES COMPANIES, THE LOCATION AND ELEVATION OF EXISTING UTILITIES ALONG THE ENTIRE CONDUIT RUNS. AT ALL PROPOSED CROSSING POINTS THE CONTRACTOR SHALL ADJUST CONDUIT ELEVATIONS AS REQUIRED TO PROVIDE A 6 INCH (MINIMUM) CLEARANCE BETWEEN THE CONDUITS AND EXISTING UTILITIES. EXISTING UTILITIES SHALL REMAIN IN CONTINUOUS SERVICE DURING ALL CONDUIT INSTALLATION OPERATIONS.
4. EXISTING LAWN AREAS DISTURBED DURING RDA AND UPPER AIR INFLATION BUILDING CONDUIT INSTALLATION SHALL BE RETURNED TO original GRADE AND SODDED BY THE CONTRACTOR.
5. DELETED

UPPER AIR INFLATION BUILDING CONDUIT PLAN
SCALE: 1"=20'

GRID NORTH

0 10' 20' 40' 60'
SCALE: 1"=20'

NO.	DATE	PREPARED BY	CHECKED BY	FIS APPROVED	AUTH/CONS APPROVED	DESCRIPTION OF REVISION
1	9/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
DENVER CITY, MO. U.S.A.

DRAWN JA DILLEY
CHECKED LD BOWEN
SUP'V. ENGR. LD BOWEN
ENGR/PROJ. MGR. BLR/TLS
AUTH/CONS EHM/RAR

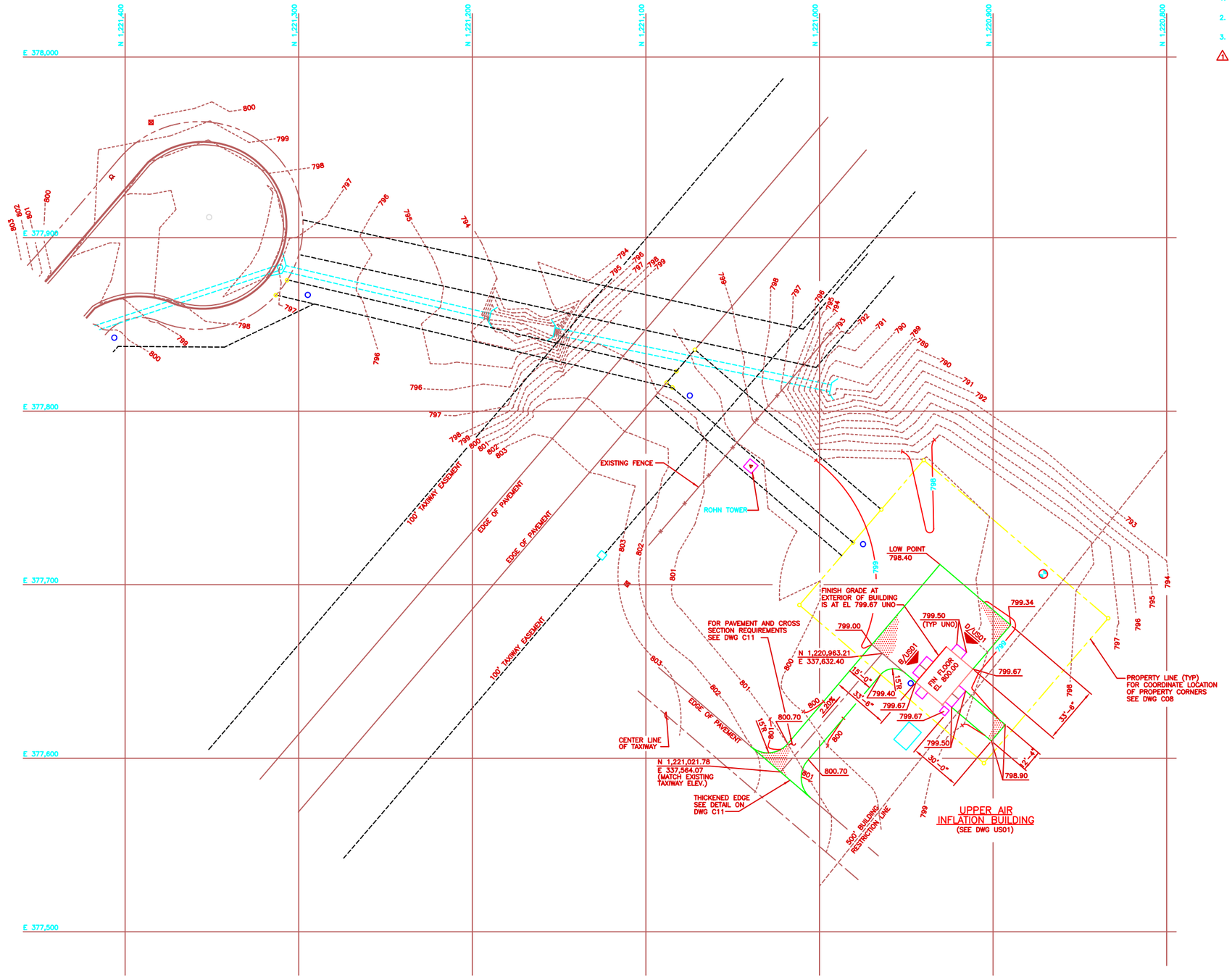
SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA
UPPER AIR INFLATION BUILDING CONDUIT PLAN
SHEET 1 OF 2

SIZE	DWG. NO.	CLN.	REV.
449404–	6	C08	CK	1

FDSP0004 03/09/95 11:10 JAD 1=20' KCCKCC081

NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. FINISHED SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
3. DELETED.



UPPER AIR INFLATION BUILDING
FINISH GRADING PLAN
SCALE: 1"=20'

GRID NORTH

0 10' 20' 40' 60'
SCALE: 1"=20'

NO.	DATE	PREPARED	CHECKED	RS APPROVED	ACCR/FLOOR APPROVED	DESCRIPTION OF REVISION
2	9/29/94	JWM	LD BOWEN	BLR/TLS	JAB/RAR	REVISED PER AS-BUILT CONDITIONS.
1	2/3/93	DAK	LD BOWEN	BLR/TLS	JAB/RAR	REVISED NOTE 3

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

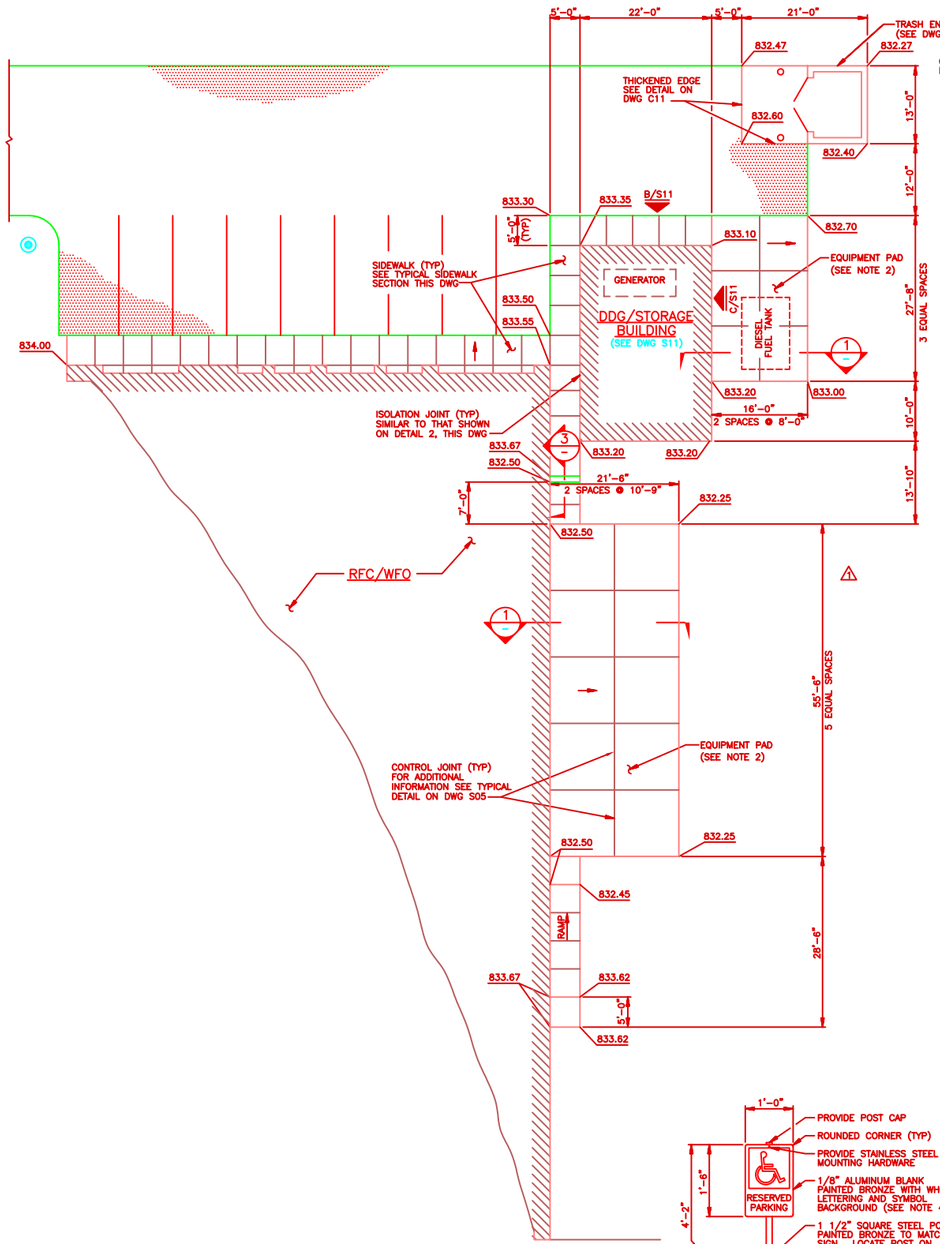
PROGRESS ENGINEERING SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
KANSAS CITY, MO. U.S.A.

DRAWN: JA DILLEY
CHECKED: LD BOWEN
SUPT. ENGR.: LD BOWEN
ENGR/PROJ. MGR.: BLR/TLS
ACCR/FLOOR: JAB/RAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA
UPPER AIR INFLATION BUILDING FINISH GRADING PLAN

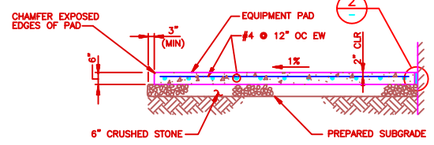
449404–	SIZE 6	DWG. NO. C09	CLN. CK	REV. 2

T3SP0004 08/04/94 18:03 JWM 1=20' KCCKC092

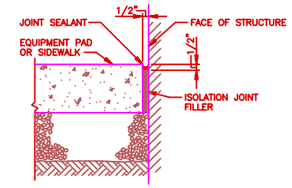


EQUIPMENT PAD PLAN
SCALE: 1/8"=1'-0"
(SEE DWG C03 FOR LOCATION)

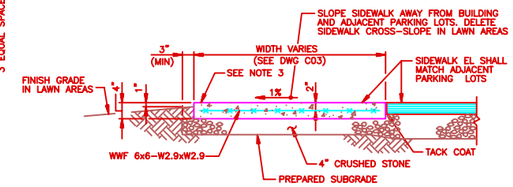
GRID NORTH



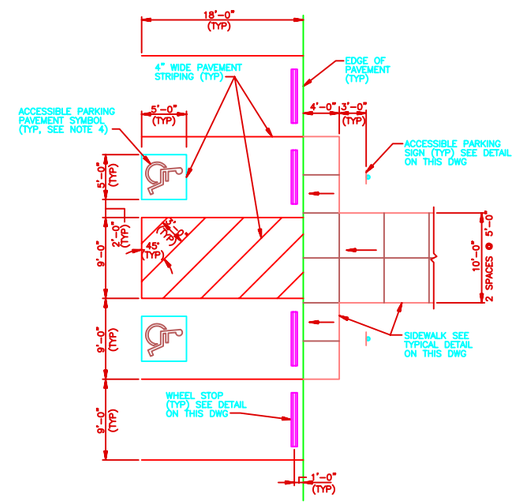
SECTION 1
SCALE: NONE



ISOLATION JOINT DETAIL 2
SCALE: NONE

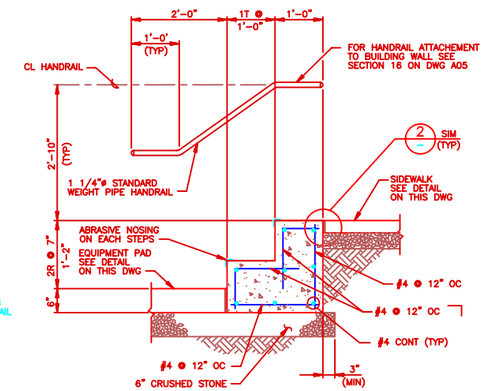


TYPICAL SIDEWALK SECTION
SCALE: NONE

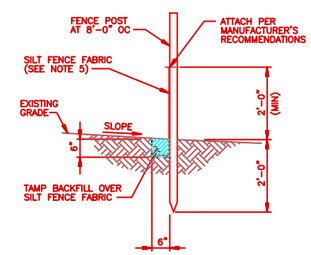


PLAN
PARKING DETAIL
SCALE: 3/16"=1'-0"
(SEE DWG C03 FOR LOCATION)

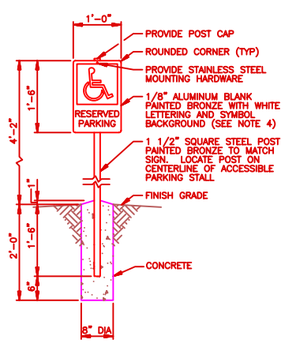
GRID NORTH



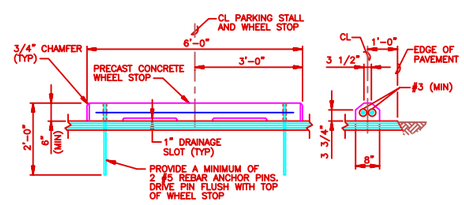
SECTION 3
SCALE: NONE



SILT FENCE DETAIL
SCALE: NONE
(SEE DWG C03 FOR LIMITS OF FENCING)



ACCESSIBLE PARKING SIGN
SCALE: NONE



SIDE VIEW END VIEW

TYPICAL WHEEL STOP
SCALE: NONE

0 4' 8' 12' 16'
SCALE: 3/16"=1'-0"

0 4' 8' 16' 24'
SCALE: 1/8"=1'-0"

NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. FOR EQUIPMENT ARRANGEMENT SEE DWG M03 AND M07.
3. THE CONTRACTOR SHALL PROVIDE CONTROL JOINTS IN SIDEWALKS AT EQUALLY SPACED INTERVALS AS SHOWN ON THE DRAWINGS. MAXIMUM CONTROL JOINT SPACING SHALL NOT EXCEED SIDEWALK WIDTH. CONTROL JOINT DEPTH SHALL BE 1/4 TO 1/3 THE THICKNESS OF THE SIDEWALK AND FORMED BY A BUTTERFLY TOOL (R=1/8"). ISOLATION JOINTS CONFORMING TO DETAIL 2 ON THIS DRAWING SHALL BE PROVIDED WHERE SIDEWALKS ABUT FOUNDATION WALLS, CONCRETE PADS, OR CONCRETE PAVEMENT. EXPOSED EDGES OF THE SIDEWALK SHALL BE TOOLED.
4. ACCESSIBLE PARKING SIGN AND PAVEMENT SYMBOL SHALL CONFORM TO ANSI 117.1.
5. SILT FENCE FABRIC SHALL BE 100% SPUNBONDED NYLON, REINFORCED WITH POLYESTER NETTING, RESISTANT TO CHEMICAL AND ULTRAVIOLET LIGHT EXPOSURE. MINIMUM PHYSICAL PROPERTIES OF THE FABRIC SHALL BE:

WEIGHT–	4.2 OZ/YD²
THICKNESS–	10 MILS
GRAB STRENGTH–	130 LBS
ELONGATION TO BREAK–	25% ±3%
MULLEN BURST–	210 LBS
WATER FLOW RATE–	470 GALLONS PER MINUTE/FT²

POSTS FOR SILT FENCE SHALL BE STANDARD STEEL SHAPES OR 4" DIA WOOD POSTS.

NO.	DATE	PREPARED BY	CHECKED BY	PE APPROVED	ACCRL/CORP APPROVED	DESCRIPTION OF REVISION
2	9/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.
1	11/17/92	JDB	LDB/BLR	BLR/JFH	EHM/RAR	REMOVED MECHANICAL EQUIPMENT FENCE

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

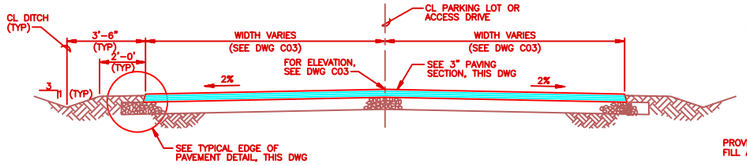
PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
ENGINEER OFFS. ORG. U.S.A.

DRAWN: JA DILLEY
CHECKED: LD BOWEN
SUPV. ENGR.: LD BOWEN
ENGR/PROJ. MGR.: BLR/TLS
ACCRL/CORP. EHM/RAR

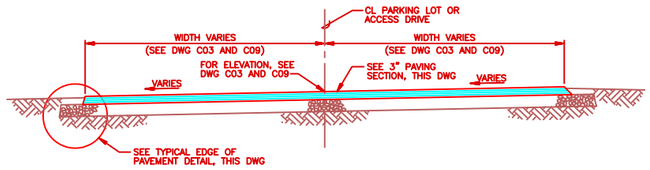
SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA
SECTIONS AND DETAILS
SHEET 1 OF 3

SIZE	DWG. NO.	CLIN.	REV.
449404–	6 C10	CK	2

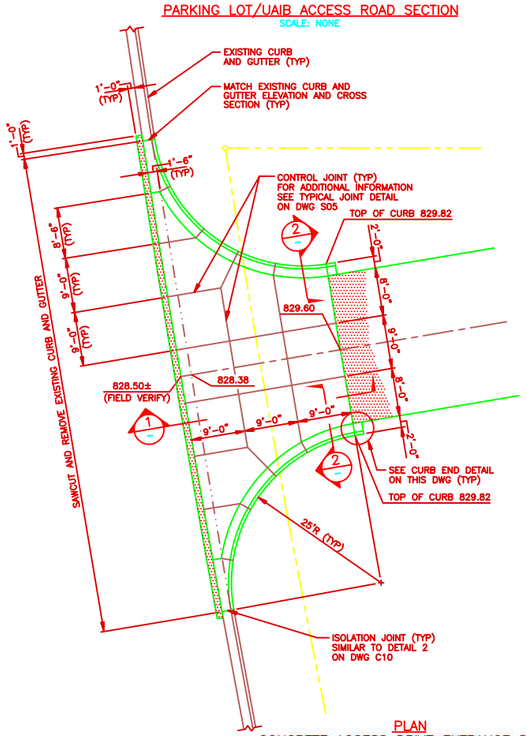
FDSP0004 09/24/94 18:11 JWM 1/1=1' NCCOC102



RFC/WFO ACCESS DRIVE SECTION
SCALE: NONE

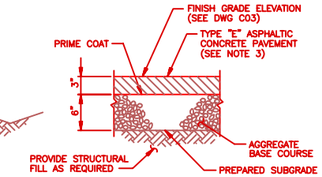


PARKING LOT/UAIB ACCESS ROAD SECTION
SCALE: NONE

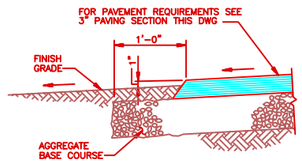


PLAN
CONCRETE ACCESS DRIVE ENTRANCE DETAIL
SCALE: 1/8"=1'-0"
(SEE DWG C03 FOR LOCATION)

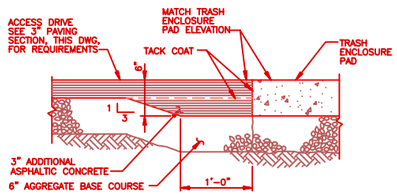
GRID NORTH



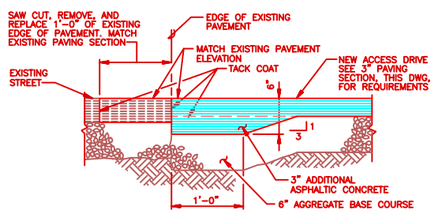
3" ASPHALTIC CONCRETE PAVING SECTION
SCALE: NONE
(SEE DWG C03 FOR PAVING LIMITS)



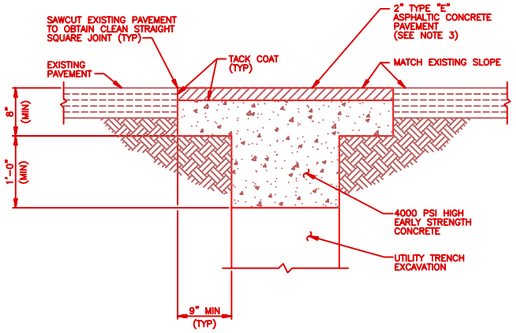
TYPICAL EDGE OF PAVEMENT
SCALE: NONE



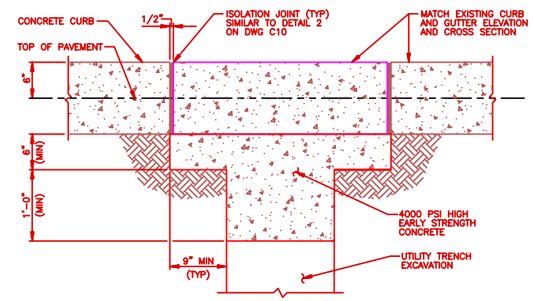
THICKENED DRIVEWAY EDGE AT CONCRETE PAD
SCALE: NONE
(SEE DWG C10 FOR LOCATION)



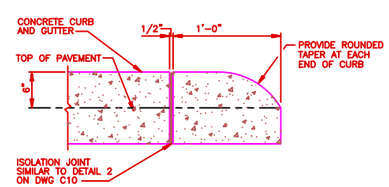
THICKENED DRIVEWAY EDGE AT EXISTING STREET
SCALE: NONE
(SEE DWG C09 FOR LOCATION)



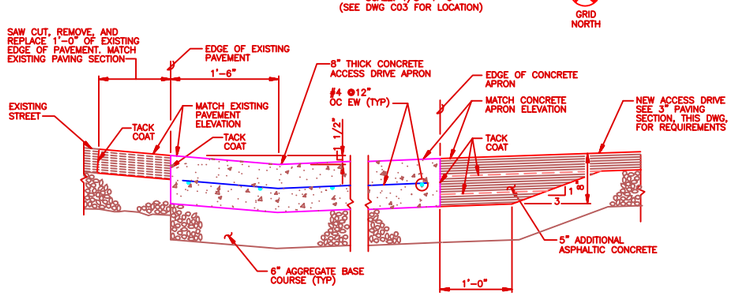
UTILITY CROSSING
PAVEMENT REPAIR DETAIL
SCALE: NONE
(SEE DWG C02 FOR LOCATION)



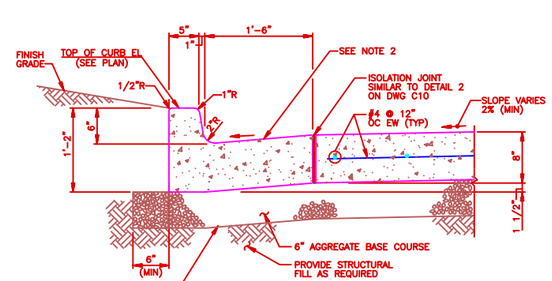
UTILITY CROSSING
CURB AND GUTTER REPAIR DETAIL
SCALE: NONE
(SEE DWG C02 FOR LOCATION)



CURB END DETAIL
SCALE: NONE



SECTION 1
SCALE: NONE



SECTION 2
SCALE: NONE

TYPICAL GRAVEL ROAD SECTION
SCALE: NONE

0 4' 8' 16' 24'
SCALE: 1/8"=1'-0"

NOTES

1. FOR DRAWING INDEX AND ABBREVIATIONS SEE DWG I01. FOR GENERAL NOTES AND LEGEND SEE DWG C01.
2. THE CONTRACTOR SHALL SAWCUT CONTROL JOINTS INTO CONCRETE CURB AND GUTTER AT THE LOCATIONS SHOWN ON THE PLAN DRAWING, NOT TO EXCEED 15 FEET. SAWCUTS SHALL BE 1/8" WIDE, 2" DEEP, AND PASS ACROSS THE ENTIRE CURB AND GUTTER SECTION.
3. TYPE E" ASPHALTIC CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH THE TECHNICAL REQUIREMENTS OF THE GEORGIA STATE DEPARTMENT OF TRANSPORTATION (GDOT) STANDARD SPECIFICATIONS. ALL ASPHALTIC CONCRETE PROVIDED SHALL BE PRODUCED FROM MIX DESIGNS IN CURRENT USE.

NO.	DATE	PREPARED BY	CHECKED BY	PE APPROVED	ARCH/STRUCT APPROVED	DESCRIPTION OF REVISION
1	9/29/94	JWM	LD BOWEN	BLR/TLS	EHM/RAR	REVISED PER AS-BUILT CONDITIONS.

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
ENGINEER DEPT. NO.
U.B.A.

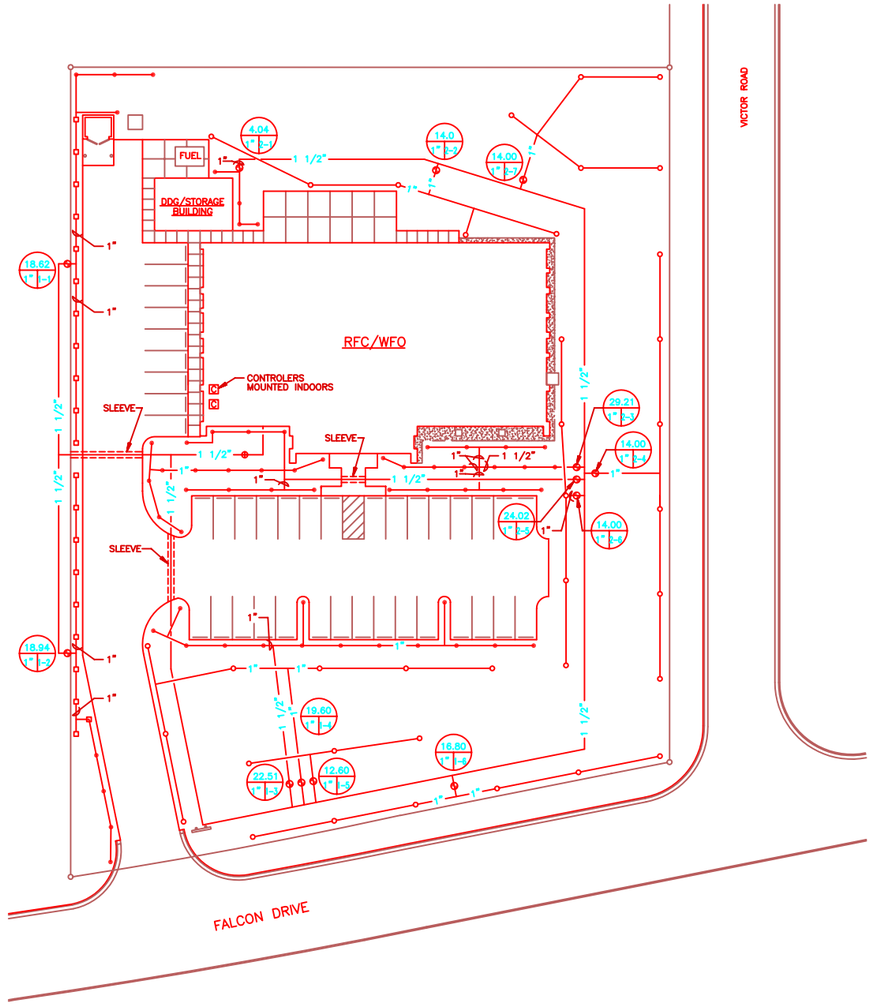
DRAWN JA DILLEY
CHECKED LD BOWEN
SUPV. ENGR. LD BOWEN
ENGR/PROJ. MGR. BLR/TLS
ARCH/PROJ. EHM/RAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA

SECTIONS AND DETAILS
SHEET 2 OF 3

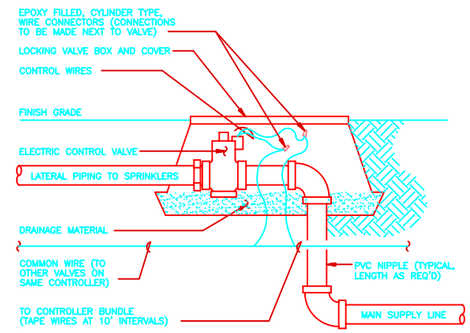
	SIZE	DWG. NO.	CLIN.	REV.
449404–	6	C11	CK	1

FTDSP0004 09/04/94 15:18 JWM 1/2=1" KCCKC111

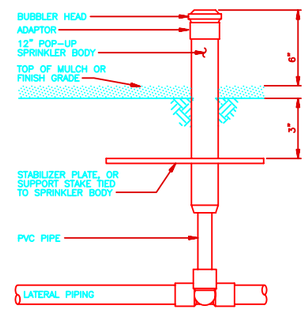


LANDSCAPE PLAN
SCALE: 1"=20'

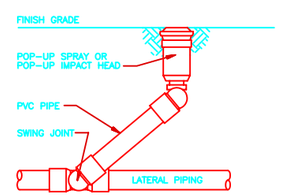
BUILDING NORTH



ELECTRIC CONTROL VALVE DETAIL
SCALE: NONE

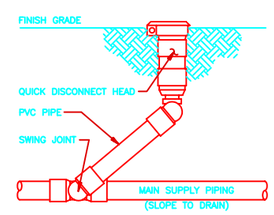


BUBBLER SPRINKLER DETAIL
SCALE: NONE



NOTE: SWING JOINT TO BE USED AT ALL TURF AREA POP-UP SPRAY AND POP-UP IMPACT HEADS

POP-UP DETAIL
SCALE: NONE



QUICK COUPLING VALVE DETAIL
SCALE: NONE

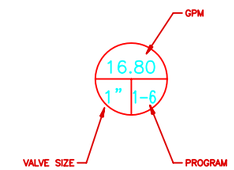
0 10' 20' 40' 60'
SCALE: 1"=20'

GENERAL IRRIGATION NOTES

1. FOR DRAWING LIST AND ABBREVIATIONS, SEE DWG I01.
2. ALL PLANTING LOCATIONS HAVE BEEN OMITTED FOR CLARITY, SEE DWG A01.
3. ALL PIPE NOT SIZED TO BE 3/4" PVC.

IRRIGATION PLAN NOTES

1. LIMITS FOR INSTALLING TURF IRRIGATION SYSTEM.
2. PIPE SLEEVING UNDER PAVING OR SIDEWALKS.
3. INSTALL QUICK COUPLING VALVE FOR SYSTEM BLOW-DOWN. SEE DETAIL THIS DRAWING.
4. WATER SUPPLY FOR IRRIGATION SYSTEM. FOR CONTINUATION, SEE DWG M01.
5. INSTALL CONTROL VALVE BOX. CAP PIPE FOR FUTURE USE.



LEGEND

SYMBOL	DESCRIPTION
•	RAIN BIRD 1800 SERIES SPRAY NOZZLE SPRINKLER
◻	RAIN BIRD 1800 SERIES – 15EST – 15SST
○	RAIN BIRD R-50 POP UP ROTORS
⊘	RAIN BIRD 100PEB 1" CONTROL VALVE
C	RAIN BIRD RC-7C 7 STATION CONTROLLER (2 REQUIRED)
⊠	1" BACKFOLW PREVENTER 007QT1 (EXISTING)
⊕	1 1/2" MANUAL GATE VALVE BRASS (EXISTING)

CONTROL VALVE SCHEDULE

ZONE NUMBER	CONTROL VALVE SIZE	FLOW PER ZONE (GPM)	CONTROLLER STEP NUMBER	REMARKS
1-1	1"	18.62	1-1	
1-2	1"	18.94	1-2	
1-3	1"	22.51	1-3	
1-4	1"	19.60	1-4	
1-5	1"	12.60	1-5	
1-6	1"	16.80	1-6	

CONTROL VALVE SCHEDULE

ZONE NUMBER	CONTROL VALVE SIZE	FLOW PER ZONE (GPM)	CONTROLLER STEP NUMBER	REMARKS
2-1	1"	4.04	2-1	
2-2	1"	14.00	2-2	
2-3	1"	29.21	2-3	
2-4	1"	14.00	2-4	
2-5	1"	19.02	2-5	
2-6	1"	14.00	2-6	
2-7	1"	14.00	2-7	

NO.	DATE	PREPARED BY	CHECKED BY	PE APPROVED	ACOE/CORPS APPROVED	DESCRIPTION OF REVISION
1	8/29/94	CCT	MAW	BLR/TLS		REVISED PER AS-BUILT CONDITIONS

WFO / NEXRAD PROGRAM
PROJECT NO. CK01

PROGRAM MANAGEMENT SERVICES CONTRACTOR
FLUOR DANIEL
GOULD EVANS ARCHITECTS, P.A.
KANSAS CITY, MO.
U.S.A.

DRAWN J. MCDONALD
CHECKED L. THORNTON
SUPV. ENGR. D. FULCHER
ENGINEER, MGR. BLR/TLS
ACCEPTANCE EPM/AAR

SPECIAL ENGINEERING PROGRAM OFFICE (SEPO)
RIVER FORECAST CENTER / WEATHER FORECAST OFFICE
ATLANTA, GEORGIA

IRRIGATION PLAN

449404–	SIZE 6	DWG. NO. M08	CLN. CK	REV. 0

F05PO004 08/31/94 15:42 CCT 12/1=1" NCCOAN051