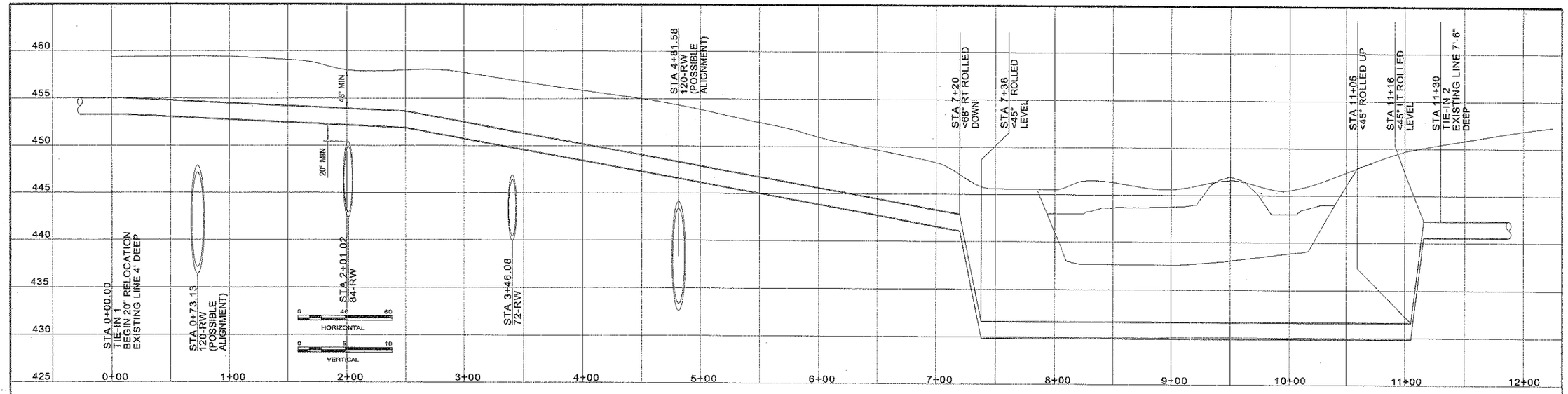

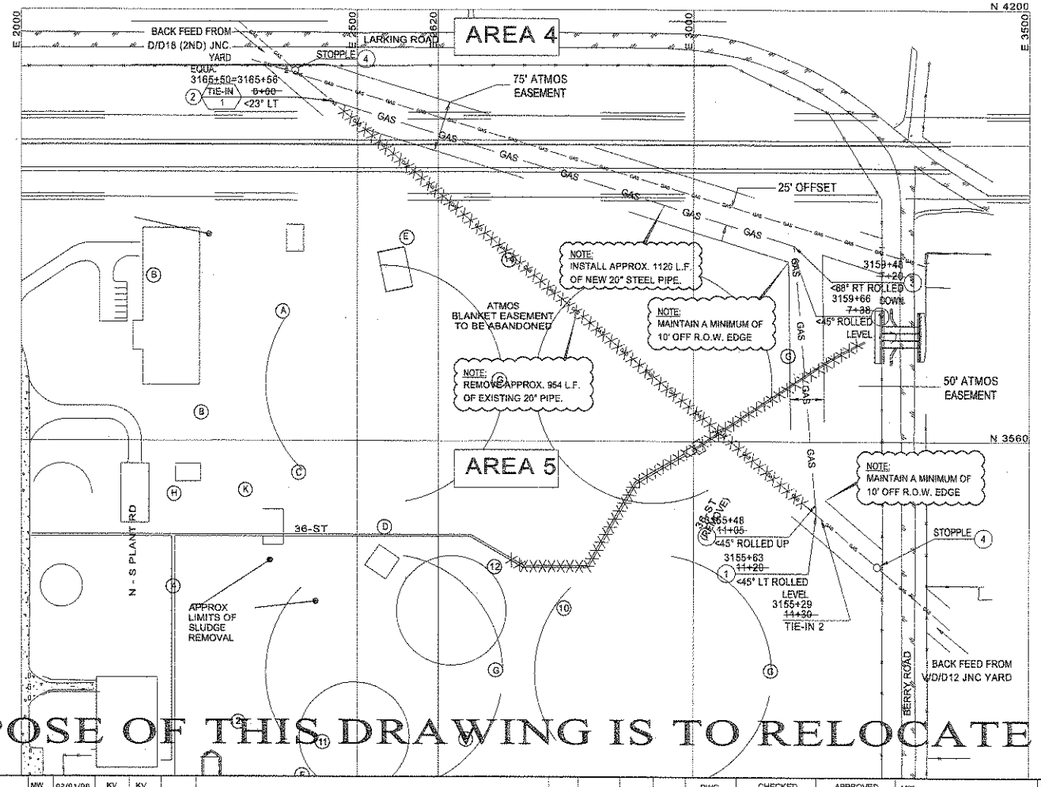

20" STEEL	PIPE SPECIFICATIONS			DESIGN DATA						TESTING REQUIREMENTS			COATING SPECIFICATIONS	FIELD JOINT COATING
MARK	O.D. INCHES	WALL THKNS. INCHES	PIPE GRADE	CLASS LOC.	DESIGN FACTOR	MAOP P.S.I.G.	F.S.I.G. @ 100% S.M.Y.S.	DESIGN PRESS. P.S.I.G.	INTERNAL HOOP STRS. % S.M.Y.	TEST PRESS P.S.I.G.	TEST DUR. HOURS	X-RAY %		
PIPE	20	.375	X42	3	.5	600	1575	787	38.1%	1200	8	100%	FBE 14 MIL THICK	2 PART EPOXY
FITTINGS, L.R. ELLS 45° & 90°	20	.375	B35	3	.5	600	1312	656	45.7%	1200	8	100%	FBE 14 MIL THICK	2 PART EPOXY

QUAN.	ITEM	DESCRIPTION
3	(1)	ELLS, 45°, 5D, W/3' TANGENT BOTH ENDS BEVELED, 14 MIL FBE
1	(2)	ELLS, FIELD SEGMENTABLE 45°, 5D W/3' TANGENT BOTH ENDS BEVELED, 14 MIL FBE
1	(3)	ELLS, FIELD SEGMENTABLE 90°, 5D W/3' TANGENT BOTH ENDS BEVELED, 14 MIL FBE
2	(4)	STOPPLES, 20"-300#

CAUTION !
ALL UNDERGROUND OBSTRUCTIONS MAY NOT BE LOCATED:

NOTE:
PROPOSED AND EXISTING PIPELINES, ALONG WITH ALL UNDERGROUND OBSTRUCTIONS TO BE STAKED PRIOR TO CONSTRUCTION.

NOTE:
ALL NEW PIPING SHALL BE 5' BELOW LOWEST EXISTING AND 5' BELOW LOWEST PROPOSED UNLESS NOTED OTHERWISE AND APROVED BY ATMOS.

NOTE:
40" EXISTING COVER BUILT-UP TO 54" COVER WHERE CONSTRUCTION EQUIPMENT CROSSES THE LINE.

NOTE:
D (2ND) 16" LINE IS ASSUME TO BE IN CENTER OF ATMOS 50' ROW.

NOTE:
PLACE STOPPLES 10' OFF CHAIN LINK FENCE.

N

0 100 200
SCALE IN FEET

REFERENCE DWG.
TCS: S-C-100
TCB: S-C-201
ATMOS: H1375

LINE D(20")
FROM STA. 3155+29 TO STA. 3165+73

"THE PURPOSE OF THIS DRAWING IS TO RELOCATE ATMOS PIPELINES ONLY."

REV.	DESCRIPTION	BY	DATE	CHK'D	APP'D
A	FOR REVIEW	MW	02/01/06	KV	KV
B	ISSUED FOR SECOND REVIEW	MW	02/02/06	KV	KV
C	ADD EXISTING LINE DEPTH AT TIE-IN POINTS	MW	02/03/06	KV	KV

DWG. STATUS	CHECKED BY	CHECKED DATE	APPROVED BY	APPROVED DATE
PRELY.				
BID				
CONSTR.				
AS BUILT				

AFE:
JOB: EPR 56-117
CONSTRUCTION BY / DATE
DESIGN KV 23JAN06
DRAWN MW 23JAN06

THIS DRAWING IS THE PROPERTY OF TRITEX TECHNOLOGIES, INC., DALLAS, TEXAS AND IS NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT OR PURPOSE OTHER THAN THAT FOR WHICH IT IS INTENDED.

TRITEX TECHNOLOGIES, INC.
4611 LANGLAND RD., SUITE 104
DALLAS, TEXAS 75244

ATMOS energy

ATMOS ENERGY
SOUTH DALLAS WATER PLANT
LINE D 20" GAS LINE
RELOCATION
(PRELIMINARY)

UPDATE DATE: 02FEB06
CAD FILE NO.: 4-132-01.DWG
D SIZE SCALE: 1"=100'
DRAWING NUMBER: 4-132-01
SHT. 1 OF 1

D8792

15JAN06