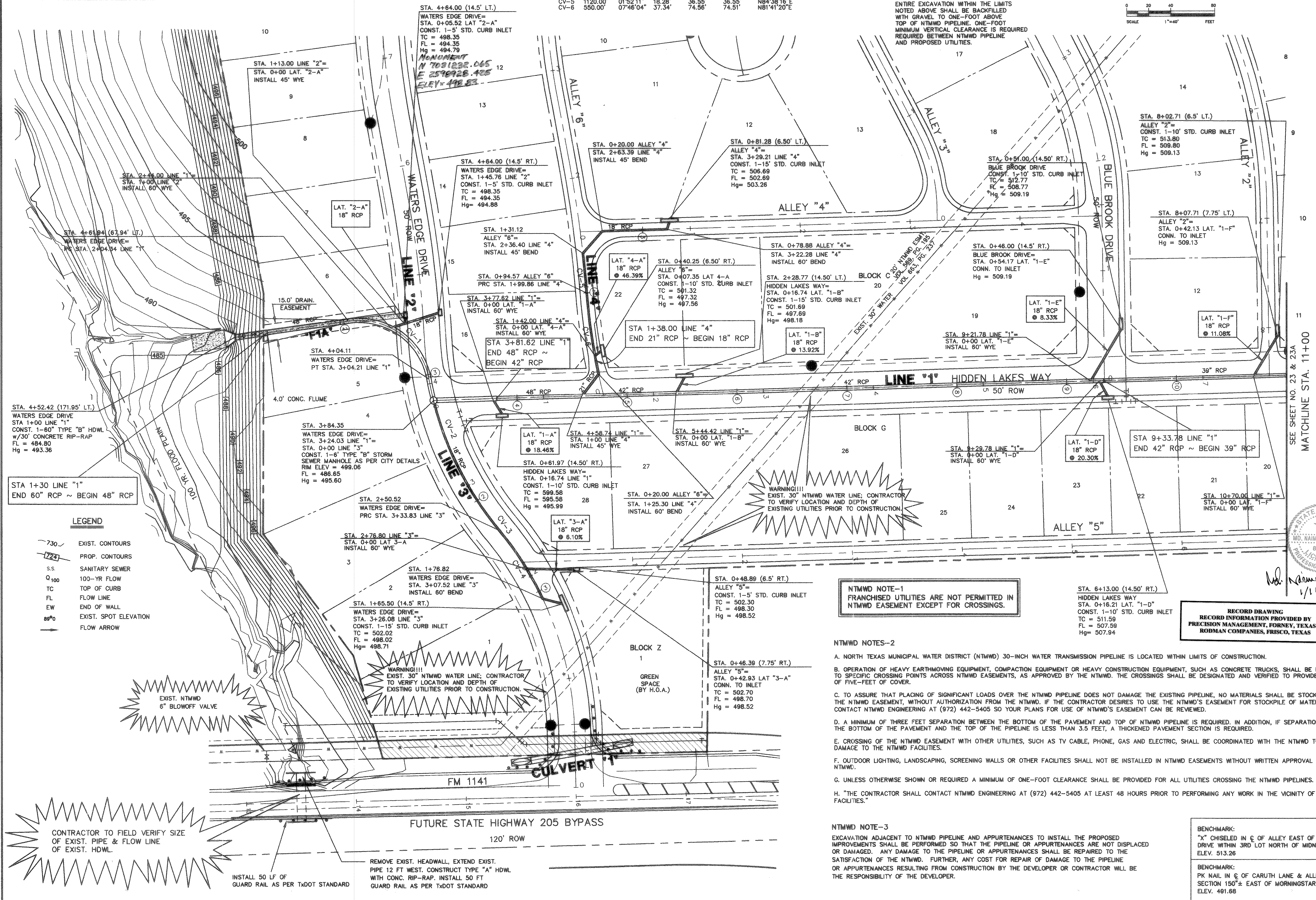
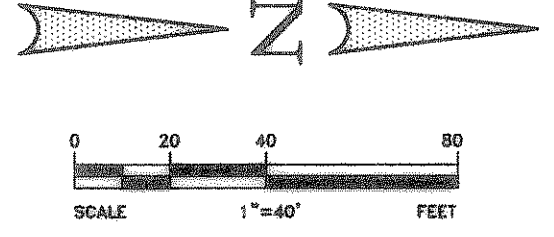


NOTE:
OUTFALL STRUCTURE BE STAKED IN THE
FIELD, THEN HAVE CITY ENGINEER
APPROVED LOCATION.

CURVE	RADIUS	DELTA	TANGENT	LENGTH	CHORD	BEARING
CV-1	65.00'	88°02'05"	62.81'	99.87'	90.33'	N35°50'17"E
CV-2	300.00'	29°20'33"	78.54'	153.63'	151.96'	N85°11'03"E
CV-3	300.00'	14°04'30"	37.03'	73.70'	73.51'	N57°33'01"E
CV-5	1120.00'	01°52'11"	18.26'	36.55'	36.55'	N84°38'16"E
CV-6	550.00'	07°46'04"	37.34'	74.56'	74.51'	N81°41'20"E

NTMWD NOTE-4
FOR OPEN CUT WHERE CROSSING UNDER
THE NTMWD PIPELINE, WITHIN TEN FEET
EITHER SIDE OF CENTERLINE OF PIPELINE,
THE TRENCH WIDTH TO BE CUT SHALL
BE LIMITED TO FOUR-FOOT VERTICAL
WALLS, NO SLOPING BANK WITH THE
APPROPRIATE TRENCH SAFETY. THE
ENTIRE EXCAVATION WITHIN THE LIMITS
NOTED ABOVE SHALL BE BACKFILLED
WITH GRAVEL TO ONE-FOOT ABOVE
TOP OF NTMWD PIPELINE. ONE-FOOT
MINIMUM VERTICAL CLEARANCE IS REQUIRED
REQUIRED BETWEEN NTMWD PIPELINE
AND PROPOSED UTILITIES.



APPROVAL

REVISION

NO. DATE

DATE: 12/2/03

DESIGNED BY: MS

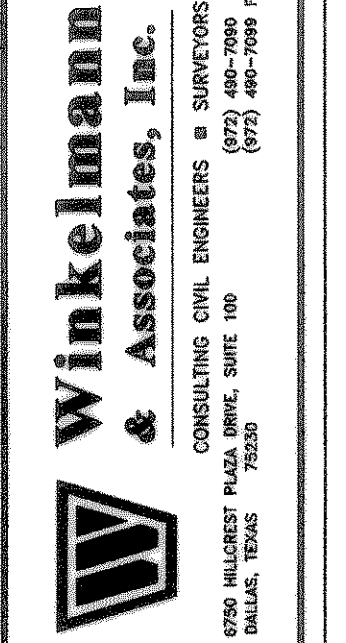
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CHECKED BY: NK

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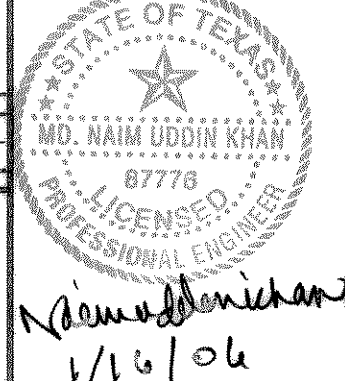
Scale: 1"=40'



THESE CONSTRUCTION PLANS WERE PREPARED
BY M. NAIM UDDIN KHAN, REGISTERED PROFESSIONAL
ENGINEER NO. 87776
DATE: 11/12/04

M.B. JONES SURVEY, ABSTRACT NO. 122
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

LUMBERMEN'S INVESTMENT CORPORATION
5495 BELLINE ROAD #225
DALLAS, TEXAS 75240



THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
MD. NAIM UDDIN KHAN, # 87776

STORM SEWER PLAN (PHASE 6A)

NTMWD NOTE-1
FRANCHISED UTILITIES ARE NOT PERMITTED IN
NTMWD EASEMENT EXCEPT FOR CROSSINGS.

NTMWD NOTES-2

- A. NORTH TEXAS MUNICIPAL WATER DISTRICT (NTMWD) 30-INCH WATER TRANSMISSION PIPELINE IS LOCATED WITHIN LIMITS OF CONSTRUCTION.
- B. OPERATION OF HEAVY EARTHMOVING EQUIPMENT, COMPACTION EQUIPMENT OR HEAVY CONSTRUCTION EQUIPMENT, SUCH AS CONCRETE TRUCKS, SHALL BE RESTRICTED TO SPECIFIC CROSSING POINTS ACROSS NTMWD EASEMENTS, AS APPROVED BY THE NTMWD. THE CROSSINGS SHALL BE DESIGNATED AND VERIFIED TO PROVIDE A MINIMUM OF FIVE-FEET OF COVER.
- C. TO ASSURE THAT PLACING OF SIGNIFICANT LOADS OVER THE NTMWD PIPELINE DOES NOT DAMAGE THE EXISTING PIPELINE, NO MATERIALS SHALL BE STOCKPILED ON THE NTMWD EASEMENT, WITHOUT AUTHORIZATION FROM THE NTMWD. IF THE CONTRACTOR DESIRES TO USE THE NTMWD'S EASEMENT FOR STOCKPILE OF MATERIALS, CONTACT NTMWD ENGINEERING AT (972) 442-5405 SO YOUR PLANS FOR USE OF NTMWD'S EASEMENT CAN BE REVIEWED.
- D. A MINIMUM OF THREE FEET SEPARATION BETWEEN THE BOTTOM OF THE PAVEMENT AND TOP OF NTMWD PIPELINE IS REQUIRED. IN ADDITION, IF SEPARATION BETWEEN THE BOTTOM OF THE PAVEMENT AND THE TOP OF THE PIPELINE IS LESS THAN 3.5 FEET, A THICKENED PAVEMENT SECTION IS REQUIRED.
- E. CROSSING OF THE NTMWD EASEMENT WITH OTHER UTILITIES, SUCH AS TV CABLE, PHONE, GAS AND ELECTRIC, SHALL BE COORDINATED WITH THE NTMWD TO AVOID DAMAGE TO THE NTMWD FACILITIES.
- F. OUTDOOR LIGHTING, LANDSCAPING, SCREENING WALLS OR OTHER FACILITIES SHALL NOT BE INSTALLED IN NTMWD EASEMENTS WITHOUT WRITTEN APPROVAL OF THE NTMWD.
- G. UNLESS OTHERWISE SHOWN OR REQUIRED A MINIMUM OF ONE-FOOT CLEARANCE SHALL BE PROVIDED FOR ALL UTILITIES CROSSING THE NTMWD PIPELINES.
- H. THE CONTRACTOR SHALL CONTACT NTMWD ENGINEERING AT (972) 442-5405 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY WORK IN THE VICINITY OF THE NTMWD FACILITIES.

NTMWD NOTE-3

EXCAVATION ADJACENT TO NTMWD PIPELINE AND APPURTENANCES TO INSTALL THE PROPOSED IMPROVEMENTS SHALL BE PERFORMED SO THAT THE PIPELINE OR APPURTENANCES ARE NOT DISPLACED OR DAMAGED. ANY DAMAGE TO THE PIPELINE OR APPURTENANCES SHALL BE REPAIRED TO THE SATISFACTION OF THE NTMWD. FURTHER, ANY COST FOR REPAIR OF DAMAGE TO THE PIPELINE OR APPURTENANCES RESULTING FROM CONSTRUCTION BY THE DEVELOPER OR CONTRACTOR WILL BE THE RESPONSIBILITY OF THE DEVELOPER.

BENCHMARK:
"X" CHISELED IN E OF ALLEY EAST OF MORNINGSTAR
DRIVE WITHIN 3RD LOT NORTH OF MIDNIGHT PASS.
ELEV. 513.26

BENCHMARK:
PK NAIL IN E OF CARUTH LANE & ALLEY INTER-
SECTION 150'± EAST OF MORNINGSTAR DRIVE.
ELEV. 491.68

SHEET
24
OF
57