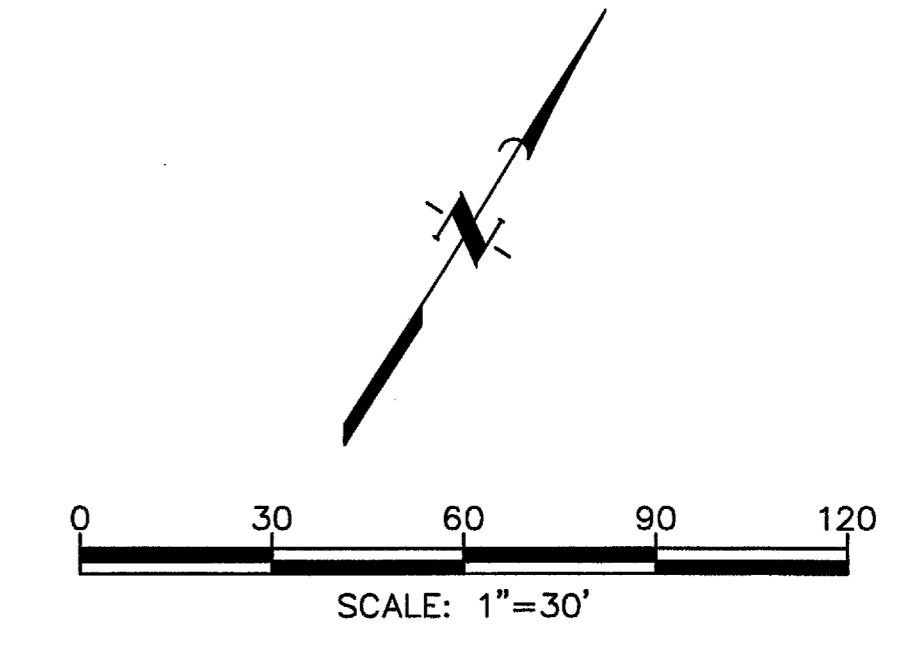


MIDWAY PARK NORTH II
LOT 1
(VOL. 83035, PG. 1180)

EXISTING DRAINAGE AREA CALCULATIONS					
DRAINAGE AREA NO.	AREA (acres)	C	TC (minutes)	I100 (inch/hour)	Q100 (cfs)
1	2.73	0.9	13.5	10.13	24.9
2	0.83	0.9	10.0	11.57	8.6
3	0.21	0.4	5.0	14.75	1.2
4	0.05	0.4	10.0	11.57	0.2
5	1.04	0.89	10.0	11.57	10.7

PROPOSED DRAINAGE AREA CALCULATIONS					
DRAINAGE AREA NO.	AREA (acres)	C	TC (minutes)	I100 (inch/hour)	Q100 (cfs)
6	0.35	0.9	10.0	11.57	3.6
7	0.10	0.9	10.0	11.57	1.0
8	0.06	0.9	10.0	11.57	0.6
9	0.06	0.9	10.0	11.57	0.6
10	0.06	0.9	10.0	11.57	0.6
11	0.06	0.9	10.0	11.57	0.6
12	0.15	0.9	10.0	11.57	1.6



LEGEND

- 640 — EXISTING 10' CONTOUR
- 641 — EXISTING 1' CONTOUR
- EXISTING DRAINAGE AREA BOUNDARY
- 1 2.73 EXISTING DRAINAGE AREA NO. AREA (acres)
- EX 10" RCP --- EXISTING STORM LINE
- o EXISTING STORM MANHOLE
- EX 8" SAN SEWER --- EXISTING SANITARY SEWER LINE
- o EX 8" WATER EXISTING SANITARY CLEANOUT
- EX 8" WATER EXISTING WATER LINE
- EX 8" WATER EXISTING WATER VALVE
- EX 8" WATER EXISTING FIRE HYDRANT
- EX 8" WATER EXISTING GAS METER
- EX 8" WATER EXISTING POWER POLE WITH OVERHEAD ELECTRIC
- PROPOSED 6" CURB & GUTTER
- PROPOSED SANITARY SEWER
- PROPOSED STORM DRAIN
- PROPOSED INLET
- PROPOSED DRAINAGE AREA BOUNDARY
- 12 0.15 PROPOSED DRAINAGE AREA NO. AREA (acres)
- PROPOSED DIRECTION OF FLOW
- PROPOSED SPOT GRADE
- FG 644.00

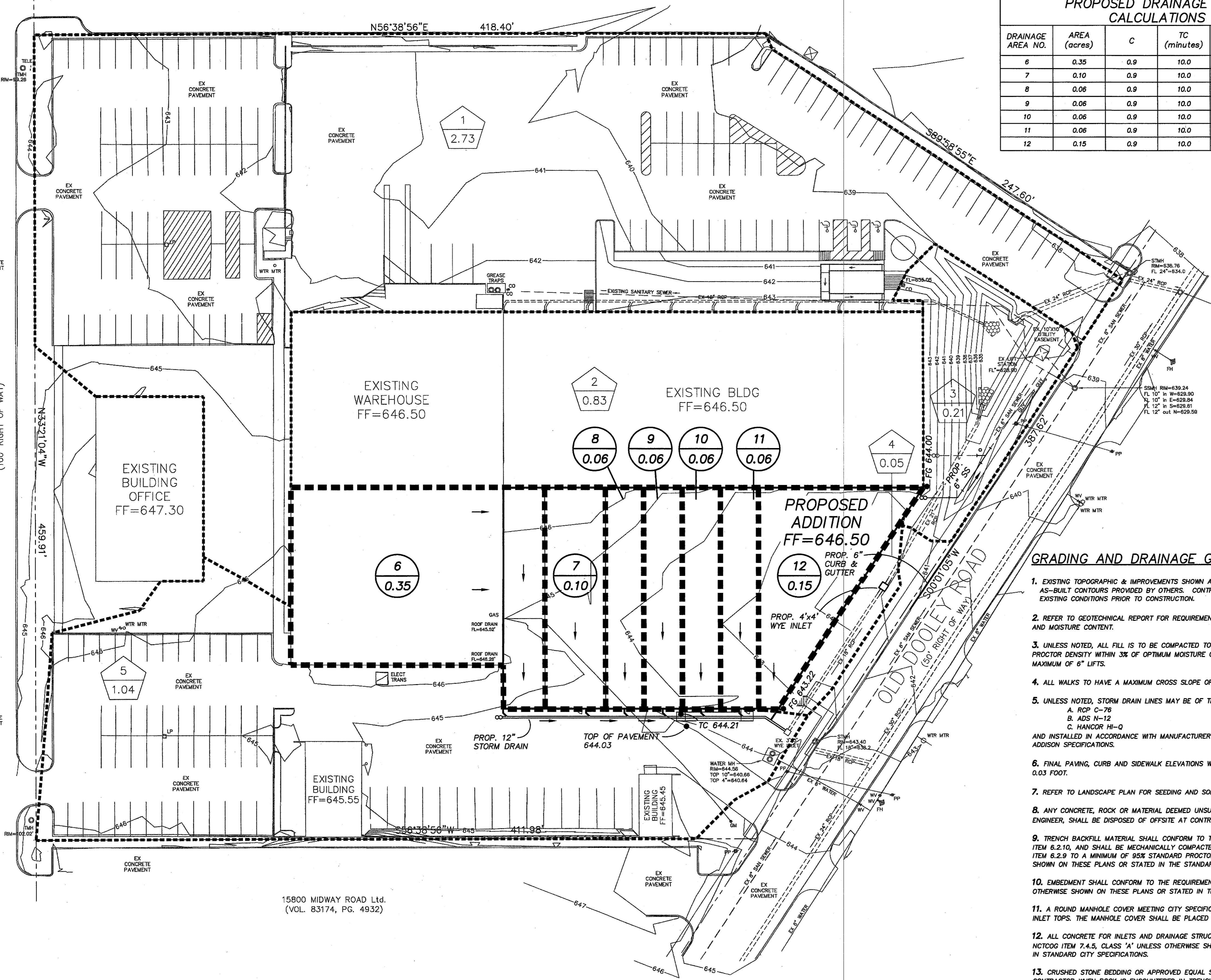
GRADING AND DRAINAGE GENERAL NOTES:

- EXISTING TOPOGRAPHIC & IMPROVEMENTS SHOWN ARE BASED ON SURVEY & AS-BUILT CONTOURS PROVIDED BY OTHERS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- REFER TO GEOTECHNICAL REPORT FOR REQUIREMENTS REGARDING FILL COMPACTION AND MOISTURE CONTENT.
- UNLESS NOTED, ALL FILL IS TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY WITHIN 3% OF OPTIMUM MOISTURE CONTENT. FILL TO BE PLACED IN A MAXIMUM OF 6" LIFTS.
- ALL WALKS TO HAVE A MAXIMUM CROSS SLOPE OF 2%.
- UNLESS NOTED, STORM DRAIN LINES MAY BE OF THE FOLLOWING MATERIALS:
A. RCP C-76
B. ADS M-12
C. HANGCOR HI-0
AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS & TOWN OF ADDISON SPECIFICATIONS.
- FINAL PAVING, CURB AND SIDEWALK ELEVATIONS WILL BE PLACED AT PLUS OR MINUS 0.03 FOOT.
- REFER TO LANDSCAPE PLAN FOR SEEDING AND SODDING REQUIREMENTS.
- ANY CONCRETE, ROCK OR MATERIAL DEEMED UNSUITABLE FOR SUBGRADE, BY ENGINEER, SHALL BE DISPOSED OF OFFSITE AT CONTRACTOR'S EXPENSE.
- TRENCH BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 6.2.10, AND SHALL BE MECHANICALLY COMPACTED IN ACCORDANCE WITH NCTCOG ITEM 6.2.9 TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
- EMBEDMENT SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 6.2.9 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
- A ROUND MANHOLE COVER MEETING CITY SPECIFICATIONS SHALL BE PLACED IN ALL INLET TOPS. THE MANHOLE COVER SHALL BE PLACED NEAR THE OUTLET PIPE.
- ALL CONCRETE FOR INLETS AND DRAINAGE STRUCTURES SHALL CONFORM TO NCTCOG ITEM 7.4.5, CLASS 'A' UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN STANDARD CITY SPECIFICATIONS.
- CRUSHED STONE BEDDING OR APPROVED EQUAL SHALL BE PROVIDED BY THE CONTRACTOR WHEN ROCK IS ENCOUNTERED IN TRENCHES. THERE SHALL BE NO ADDITIONAL PAY ITEM OF THE CRUSHED STONE BEDDING.
- IF REQUIRED DUE TO CONSTRUCTION, POWER POLES TO BE BRACED OR RELOCATED AT THE CONTRACTOR'S EXPENSE.

BENCHMARK LIST:

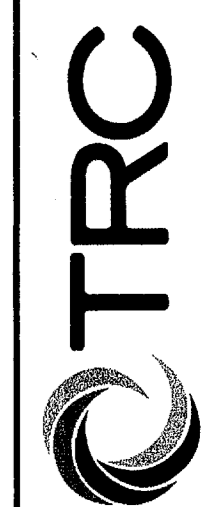
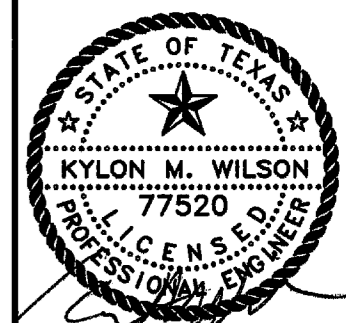
- STD. SQUARE CUT IN THE MIDDLE OF A DOUBLE STORM INLET ON THE WEST SIDE OF OLD DOOLEY ROAD; APPROXIMATELY 100' NORTH OF THE POINT OF BEGINNING NORTH EAST PROPERTY CORNER
- ALUMINUM DISK SET IN CONCRETE STAMPED "ARP 2 ADS" LOCATED ON THE ADDISON AIRPORT, APPROXIMATELY 400' EAST OF THE CONTROL TOWER. ELEV.=570.88

MIDWAY ROAD
(100' RIGHT OF WAY)



15800 MIDWAY ROAD Ltd.
(VOL. 83174, PG. 4932)

NO. DATE REVISIONS



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PHONE (817) 335-5065 • FAX (817) 335-5067

GRADING & DRAINAGE
PLAN
NJ MALIN ADDITION
ADDISON, TEXAS

DATE: JANUARY 2008	SCALE: 1"=30'	DESIGN BY: MFB	DRAWN BY: MFB
SHEET NO. 4	JOB NUMBER: 152111	JOB NUMBER: 152111	
SHEET ID: NJ MALIN GRADING & DRAINAGE			

C-4