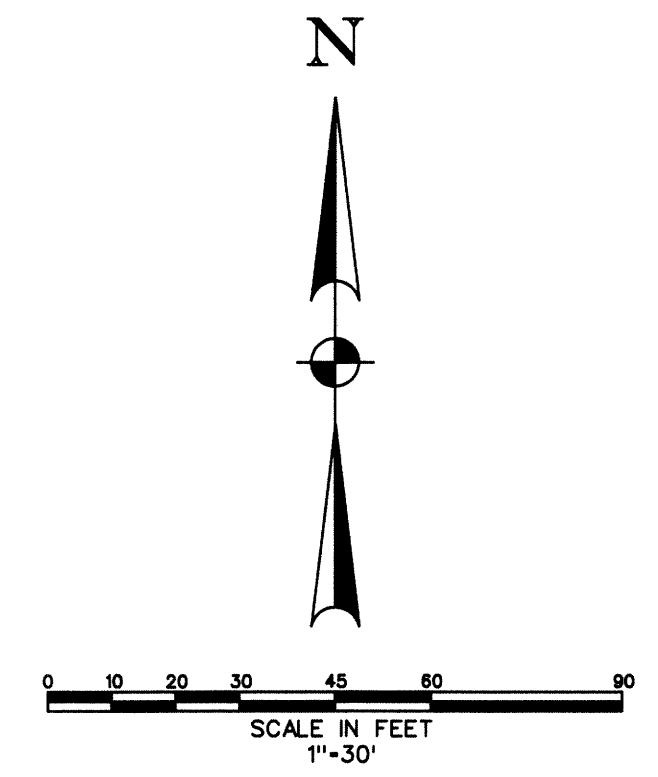


PERMANENT BENCHMARK: CITY OF ADDISON CONTROL MONUMENT #AA-2, 3" ALUMINUM DISK SET IN CONCRETE INSCRIBED WITH "AA-2" LOCATED ON THE EAST SIDE OF ADDISON AIRPORT, 320.63' WEST OF WEST ROW OF ADDISON ROAD AND 477.1' SOUTH OF SOUTH ROW OF WESTGROVE DRIVE (60' ROW). ELEVATION=641.92

CONSTRUCTION BENCHMARK: SQUARE CUT ON EDGE OF CONCRETE ON THE NORTH SIDE OF CLAIRE CHENNAULT APPROXIMATELY 22 FEET S26°42'25"E OF THE SOUTHEAST PROPERTY CORNER OF SUBJECT PROPERTY. ELEVATION = 643.36

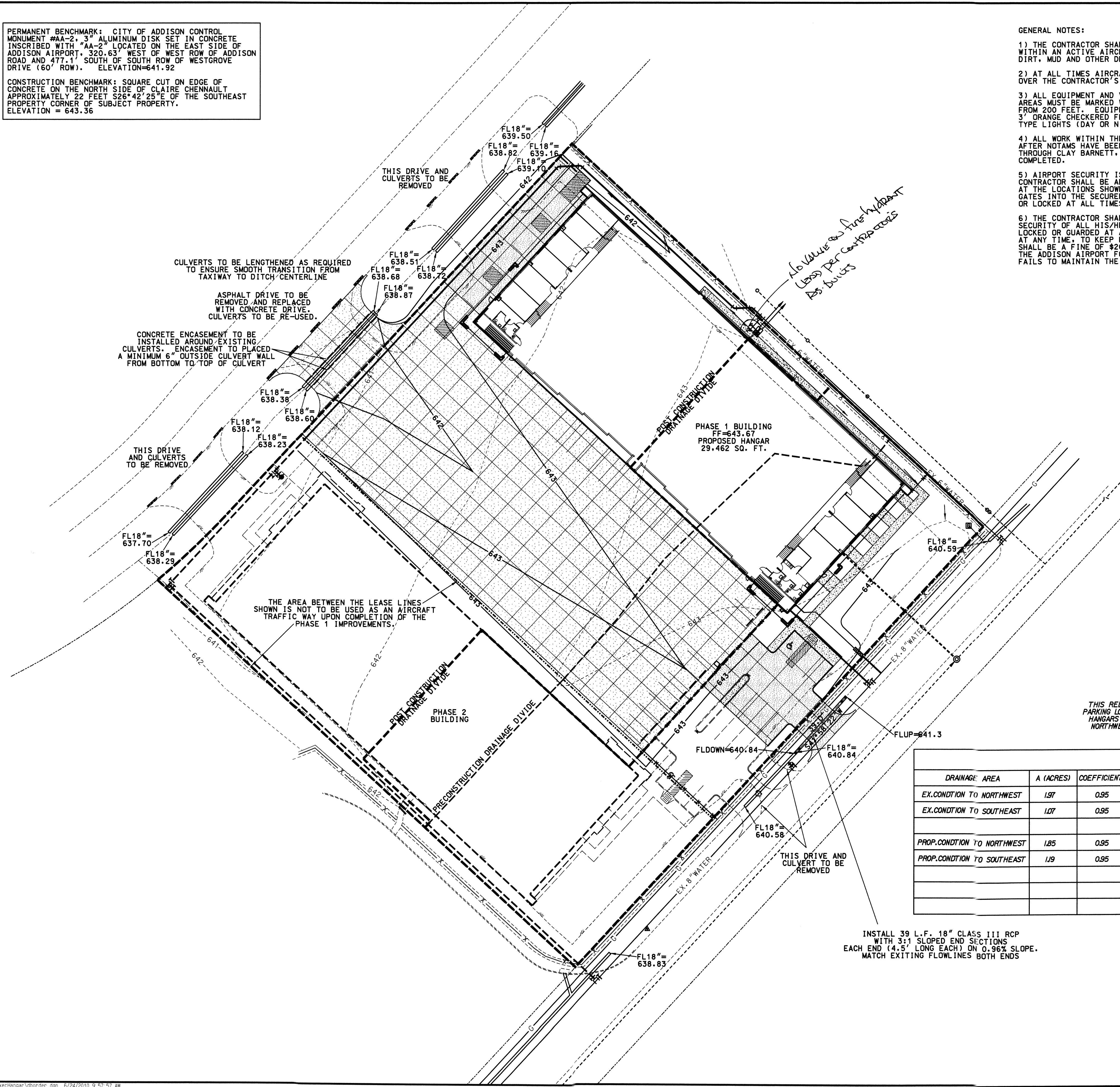
GENERAL NOTES:

- 1) THE CONTRACTOR SHALL INSURE THAT THE PAVEMENT SURFACE WITHIN AN ACTIVE AIRCRAFT MOVEMENT AREA IS KEPT CLEAN FROM DIRT, MUD AND OTHER DEBRIS
- 2) AT ALL TIMES AIRCRAFT MOVEMENT SHALL HAVE THE RIGHT OF WAY OVER THE CONTRACTOR'S EQUIPMENT.
- 3) ALL EQUIPMENT AND VEHICLES OPERATING INSIDE AIRCRAFT MOVEMENT AREAS MUST BE MARKED WITH THE CONTRACTOR'S NAME AND BE LEGIBLE FROM 200 FEET. EQUIPMENT AND VEHICLES SHALL BE MARKED WITH 3' X 3' ORANGE CHECKERED FLAGS (DAY ONLY) OR YELLOW FLASHING DOME TYPE LIGHTS (DAY OR NIGHT).
- 4) ALL WORK WITHIN THE AIRPORT PERIMETER FENCE SHALL BE ACCOMPLISHED AFTER NOTAMS HAVE BEEN ISSUED AND COORDINATION WITH THE AIRPORT THROUGH CLAY BARNETT, P.E., TOWN ENGINEER, 972.450.2871, HAS BEEN COMPLETED.
- 5) AIRPORT SECURITY IS A PRIMARY CONCERN OF THE AIRPORT. THE CONTRACTOR SHALL BE ALLOWED ACCESS TO THE CONSTRUCTION AREAS AT THE LOCATIONS SHOWN ON THE PLANS. THE CONTRACTOR'S ACCESS GATES INTO THE SECURED AREA OF THE AIRPORT SHALL BE KEPT GUARDED OR LOCKED AT ALL TIMES OR SECURED WITH TEMPORARY FENCING.
- 6) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SECURITY OF ALL HIS/HER ACCESS GATES BY KEEPING THE ACCESS GATES LOCKED OR GUARDED AT ALL TIMES. SHOULD THE CONTRACTOR FAIL, AT ANY TIME, TO KEEP HIS/HER ACCESS GATES LOCKED OR GUARDED, THERE SHALL BE A FINE OF \$200.00 ASSESSED TO THE CONTRACTOR, AND PAID TO THE ADDISON AIRPORT FOR EACH OCCURRENCE THAT THE CONTRACTOR FAILS TO MAINTAIN THE SECURITY OF HIS/HER ACCESS GATES.



LEGEND:

- 522 --- EXISTING CONTOUR
- 522 — PROPOSED CONTOUR
- PROPOSED CURB
- EASEMENT
- EXISTING PAVEMENT CURB
- EXISTING PAVEMENT EDGE
- PROPERTY/ROW LINE
- ⊗ BACKFLOW PREVENTER
- ⊙ WATER METER
- SINGLE CLEAN OUT
- DOUBLE CLEAN OUT
- LSA LANDSCAPE AREA
- BFR BARRIER FREE RAMP



RECORD DRAWING 10-18-10

THIS DOCUMENT IS SUBMITTED AS A "RECORD DRAWING" FOR RECORD PURPOSES ONLY. ANY MODIFICATION OR CHANGES THAT HAVE BEEN MADE DURING CONSTRUCTION AND NOTED ON THIS DRAWING HAVE BEEN SUPPLIED BY THE OWNER, HIS REPRESENTATIVE OR THE CONTRACTOR. FIELD INSPECTION BY THE CONTRACT SUPERVISOR OF THE CONSTRUCTION WAS PERFORMED BY OTHERS. IT IS NOT GUARANTEED BY HELMBERGER ASSOCIATES, INC. THAT THIS DOCUMENT REPRESENTS "AS-BUILT" CONDITIONS.

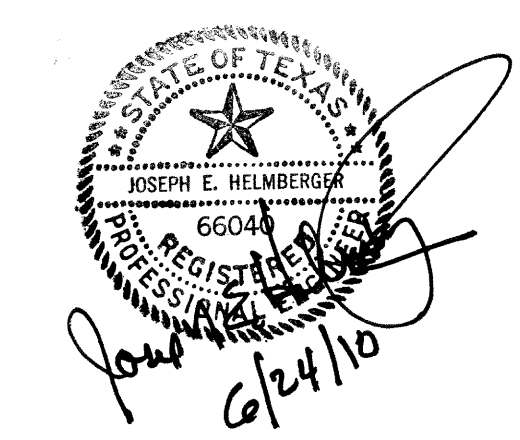
Design survey provided by the owner.

As-built utilities, paving and drainage information obtained from record drawings on file with the City of Addison.

THIS REDEVELOPMENT PROJECT INCLUDES REDEVELOPMENT OF AN EXISTING ASPHALT PARKING LOT WITH "C" VALUE OF 0.95 TO A PROPOSED CONCRETE PARKING LOT WITH TWO HANGARS WITH "C" VALUE OF 0.95. THERE IS A SLIGHT INCREASE OF FLOW FROM THE NORTHWEST DRAINAGE AREA TO THE SOUTHEAST DRAINAGE AREA BECAUSE OF THE SIZE OF THE PROPOSED HANGARS.

DRAINAGE AREA	A (ACRES)	COEFFICIENT	TIME (MIN)	1000(I)/HR	Q(100CFS)	OUTFALL CAPACITY(CFS)	DRAINS TO:
EX.CONDITION TO NORTHWEST	1.97	0.95	10	874	16.4		EXISTING CULVERTS AT TAXIWAY VICTOR
EX.CONDITION TO SOUTHEAST	1.07	0.95	10	874	8.9		EXISTING CULVERTS AT CLAIRE CHENNAULT
PROP.CONDITION TO NORTHWEST	1.85	0.95	10	874	15.4		EXISTING CULVERTS AT TAXIWAY VICTOR
PROP.CONDITION TO SOUTHEAST	1.19	0.95	10	874	9.9		EXISTING CULVERTS AT CLAIRE CHENNAULT

INSTALL 39 L.F. 18" CLASS III RCP WITH 3:1 SLOPED END SECTIONS EACH END (4.5' LONG EACH) ON 0.96% SLOPE. MATCH EXISTING FLOWLINES BOTH ENDS



TOWN OF ADDISON PUBLIC WORKS NO. PW2010-01

<b>DRAINAGE PLAN</b>					
EXECHANGAR					
4565 CLAIRE CHENNAULT ROAD					
CITY OF ADDISON, TEXAS					
TBPE REGISTRATION F-000756		HELMBERGER ASSOCIATES, INC. CIVIL AND ENVIRONMENTAL ENGINEERS <small>1020 BODISMAN ROAD, WYLLIE, TEXAS 75088 (972) 442-7400</small>			
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
HELM.	CADD	JAN. 27, 2010	1"=30'	DBORDER.DGN	1001 C5

REVISED PER CLIENT COMMENT 06-24-10  
 REVISED PER TOWN OF ADDISON COMMENT 03-16-10  
 REVISED PER TOWN OF ADDISON COMMENT 02-19-10