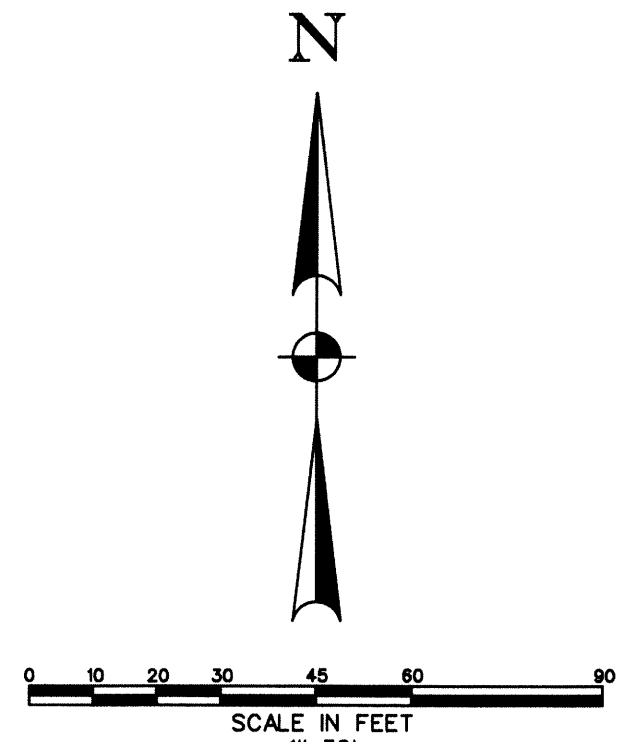


- GENERAL NOTES:**
- 1) THE CONTRACTOR SHALL INSURE THAT THE PAVEMENT SURFACE WITHIN AN ACTIVE AIRCRAFT MOVEMENT AREA IS KEPT CLEAN FROM DIRT, MUD AND OTHER DEBRIS.
  - 2) AT ALL TIMES AIRCRAFT MOVEMENT SHALL HAVE THE RIGHT OF WAY OVER THE CONTRACTOR'S EQUIPMENT.
  - 3) ALL EQUIPMENT AND VEHICLES OPERATING 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.



ASSIGNMENT  
JOSE ORTIZ AVILA  
VOL.2000048, PG.2416  
DRDCT

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

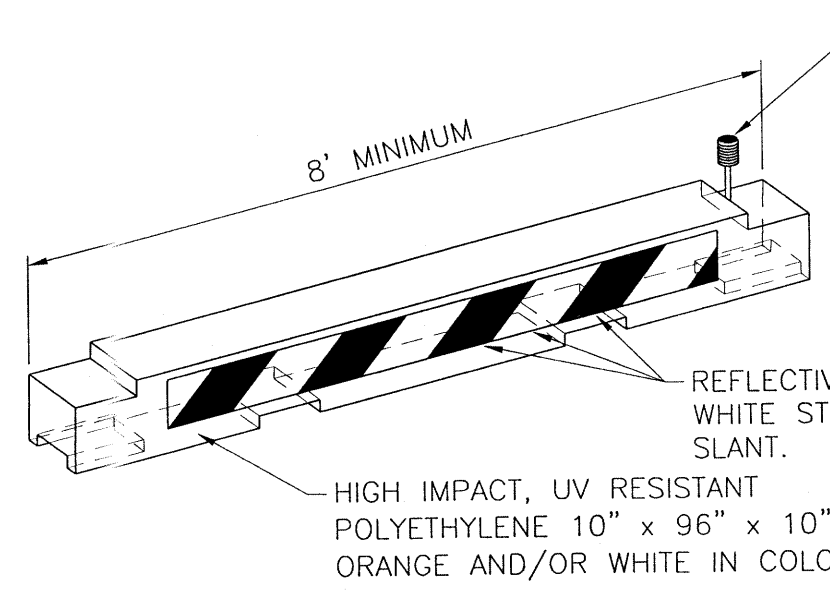
EX. SANITARY  
SEWER MANHOLE  
RIM=642.17  
FL10"=630.25  
FL10"=630.33

RECORD DRAWING 10-10-10  
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BENCHMARK:  
SQUARE CUT ON  
EDGE OF CONCRETE  
ELEVATION=643.36

COORDINATE WITH ARCHITECT'S PLANS  
FOR THE REMAINING ITEMS TO REVISED/  
DEMOLISHED/CONSTRUCTED AS PART OF  
THIS PROJECT.

FLASHING RED CAUTION LIGHT  
SECURED TO BARRICADE.



- BARRICADE NOTES:**
1. BARRICADES SHALL MEET THE REQUIREMENTS OF FAA ADVISORY CIRCULAR 150/5.370-2E AND BE APPROVED BY THE ENGINEER
  2. CONTRACTOR SHALL WEIGHT BARRICADE TO PREVENT DISPLACEMENT. METHOD TO BE APPROVED BY THE ENGINEER.
  3. BARRICADES SHALL BE LOCATED AT THE 20' CENTER TO CENTER MAX SPACING
  4. BARRICADES SHALL BE PLACED ALONG THE EDGE OF EXISTING PAVEMENT.

**LOW PROFILE AIRCRAFT BARRICADE (MOVEMENT AREAS)**  
SCALE: NONE



TOWN OF ADDISON PUBLIC WORKS NO. PW2010-01

<b>ENGINEERING SITE PLAN</b>						
EXECHANGAR						
4565 CLAIRE CHENNAULT ROAD						
CITY OF ADDISON, TEXAS						
TBPE REGISTRATION F-000756		<b>HELMBERGER ASSOCIATES, INC.</b> CIVIL AND ENVIRONMENTAL ENGINEERS <small>1825 BOZEMAN ROAD, WYCKE, TEXAS 75088 (972) 442-7499</small>				
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
HELM.	CADD	JAN. 27, 2010	1"=30'	SPBORER .DCN	1001	C1

REVISED PER CLIENT COMMENT JUNE 24, 2010  
REVISED PER TOWN OF ADDISON COMMENT MARCH 15, 2010  
REVISED PER TOWN OF ADDISON COMMENT FEBRUARY 19, 2010

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 WESTROVE 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

STABILIZATION OF DISTURBED AREAS PRIOR TO FINAL ACCEPTANCE

A. PUBLIC RIGHTS-OF-WAY, EASEMENTS, AND COMMON AREAS MUST BE STABILIZED WITH PERENNIAL VEGETATION COVER, FULLY ESTABLISHED WITH 100% COVERAGE, OR OTHER APPROVED STABILIZATION METHOD.

RADII COORDINATE TABLE

①	X=2483642.4902	Y=7046900.6447
②	X=2483648.0045	Y=7046895.5669
③	X=2483703.7246	Y=7046966.6030
④	X=2483709.4019	Y=7046961.3749
⑤	X=2483992.0179	Y=7046713.3601
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GENERAL NOTES:

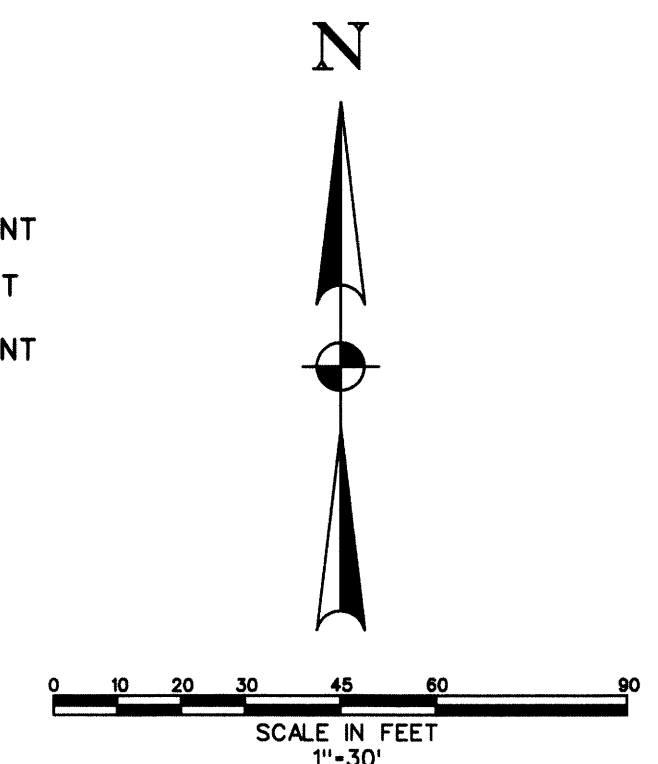
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- 4) ALL WORK WITHIN THE AIRPORT PERIMETER FENCE SHALL BE ACCOMPLISHED AFTER NOTAMS HAVE BEEN ISSUED AND COORDINATION WITH THE AIRPORT, THROUGH CLAY BARNETT, P.E., TOWN ENGINEER, 972.450.2871, HAS BEEN COMPLETED.
- 5) AIRPORT SECURITY IS A PRIMARY 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 LOOKED AT ALL TIMES OR SECURED WITH TEMPORARY FENCING.
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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

PAVEMENT LEGEND:

- ▨ PARKING AREA PAVEMENT
- ▨ APRON PAVEMENT
- ▨ FLATWORK
- ▨ EXISTING CONCRETE PAVEMENT
- ▨ EXISTING ASPHALT PAVEMENT
- ▨ PROPOSED CONCRETE PAVEMENT



NOTE:

PER 30 JUNE, 2010, LETTER FROM HENLEY JOHNSTON & ASSOCIATES, INC. IF QUANTITIES OF RECYCLED CONCRETE BEING USED FOR THE BASE MATERIAL ARE NOT SUFFICIENT TO COVER THE ENTIRE AREA UNDER THE APRON PAVEMENT ANY ADDITIONAL BASE MATERIAL REQUIRED SHALL BE A CRUSHED AGGREGATE BASE COURSE MEETING THE FAA REQUIREMENTS OF ITEM P-209.

PAVING GENERAL NOTES

1. All construction shall conform to the City of Addison and Federal Aviation Administration (AC No. 150/5320-6E) Standard Construction Details and Standard Specifications for Public Works Construction where applicable. In the event that an item is not covered, the contractor shall bring the problem to the attention of the engineer for approval or modification.
2. All subgrade beneath proposed parking shall be per the pavement sections on Sheet C2. All fill shall be placed in 8" lifts compacted as required by the grading plan.
3. Parking lot pavement shall be per pavement section called out on Sheet C2.
4. Sidewalk and flatwork shall be per pavement section called out on Sheet C2.
5. Longitudinal and transverse construction joints shall be installed per FAA Standard AC No. 150/5320-6E for all apron and taxiway parking. Joint location and sealant type shall be located and sealed per the same advisory.
6. Longitudinal and transverse construction joints shall be installed per Town of Addison standards for all parking lot and sidewalk pavement. For the parking lot sawed transverse dummy joints shall be installed in concrete pavement on 15' centers. Sawed longitudinal dummy joints shall be installed along centerline of fire lane and outside where applicable. All joints shall be filled with an approved sealer. Parking lot pavement shall have transverse expansion joints installed at all drive returns. Expansion joints shall be placed along all fixed objects such as light poles and foundations.
7. Contractor shall adjust all manholes and water valves to match finished grades as shown on drawings.
8. Contractor shall provide barrier free ramps per City of Addison Details. All handicap ramps, stalls, walks and access to the building(s) shall meet ADA standards.
9. All conduits for irrigation sleeves shall be class 200 PVC installed 12" below concrete pavement and extend 2' outside of back of curb. Irrigation sleeves shall be installed per the irrigation plan.
10. Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the City of Addison and the owner.
11. The location of existing utilities shown on these plans is approximate. All utilities may not be shown. It is the responsibility of the contractor to contact the City of Addison and all area utilities that may conflict with construction prior to beginning work.
12. Contractor shall provide traffic control plan, at least 48 hours prior to any work in a city street. Traffic control measures shall conform to Part VI of the Texas Manual on Uniform Traffic Control Devices. Traffic control measures shall be installed for any work activity that takes place on or adjacent to any City street or roadway. The City Engineer may require the Traffic Control Plan to be designed and sealed by an engineer licensed in the State of Texas.
13. For franchise utility locator services Contractor shall call Texas One Call at 1-800-344-8377 or Utility Locator at 1-800-DIG-TESS". It is the contractor's responsibility to verify location and depth of all existing utilities prior to construction and notify Engineer if conflicts exist.
14. Erosion Control shall conform to City of Addison standards.

Design survey provided by the owner.

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

TABLE 3-16. RECOMMENDED MAXIMUM JOINT SPACINGS - RIGID PAVEMENT WITH OR WITHOUT STABILIZED SUBBASE

Slab Thickness	Part I, without Stabilized Subbase		Joint Spacing	
	Inches	Millimeters	Feet	Meters
6	152	12.5	3.8	3.8
6.5-9	165-229	15	4.6	4.6
>9	>229	20	6.1	6.1

Slab Thickness	Part II, with Stabilized Subbase		Joint Spacing	
	Inches	Millimeters	Feet	Meters
8-10	203-254	12.5	3.8	3.8
10.5-13	267-330	15	4.6	4.6
13.5-16	343-406	17.5	5.3	5.3
>16	>406	20	6.1	6.1

- ③ REVISED NOTE REQUIRED PER TOWN OF ADDISON COMMENT 06-24-10 TO SPECIFY WHAT ADDITIONAL BASE MATERIAL UNDER THE APRON PAVEMENT IS ALLOWED. REVISED 07-01-10
- ② REVISED PER TOWN OF ADDISON COMMENT 06-24-10 - ADDED GENERAL NOTE PER CITY ENGINEER REQUIRES PER CLIENT REQUEST - REVISED PARKING PAVEMENT NORTH OF PHASE 1 BUILDING & REVISED TAXIWAY WIDTH FROM 40' TO 60'
- ① REVISED PER TOWN OF ADDISON COMMENT 06-10-10 - REVISED APRON PAVEMENT PAVING SECTION REVISED PER TOWN OF ADDISON COMMENT 03-16-10 REVISED PER TOWN OF ADDISON COMMENT 02-19-10

TOWN OF ADDISON PUBLIC WORKS NO. PW2010-01

**PAVING PLAN**

**EXECHANGAR**

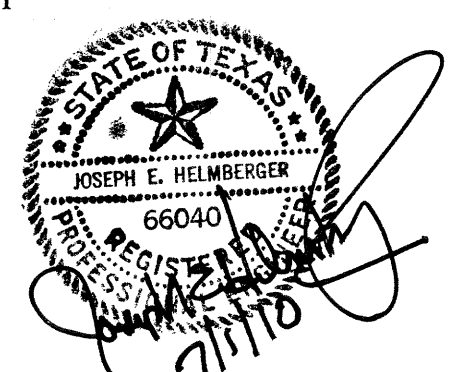
**4565 CLAIRE CHENNAULT ROAD**

**CITY OF ADDISON, TEXAS**

TBP REGISTRATION F-000756	<b>H</b> <b>HELMBERGER ASSOCIATES, INC.</b> CIVIL AND ENVIRONMENTAL ENGINEERS 1029 BOZMAN ROAD, WYLLIE, TEXAS 75086 (972) 442-7468			
DESIGN	DRAWN	DATE	SCALE	NOTES
HELM.	CADD	JAN. 27, 2010	1"=30'	PROORDER DGN
FILE	NO.			
1001	C2			

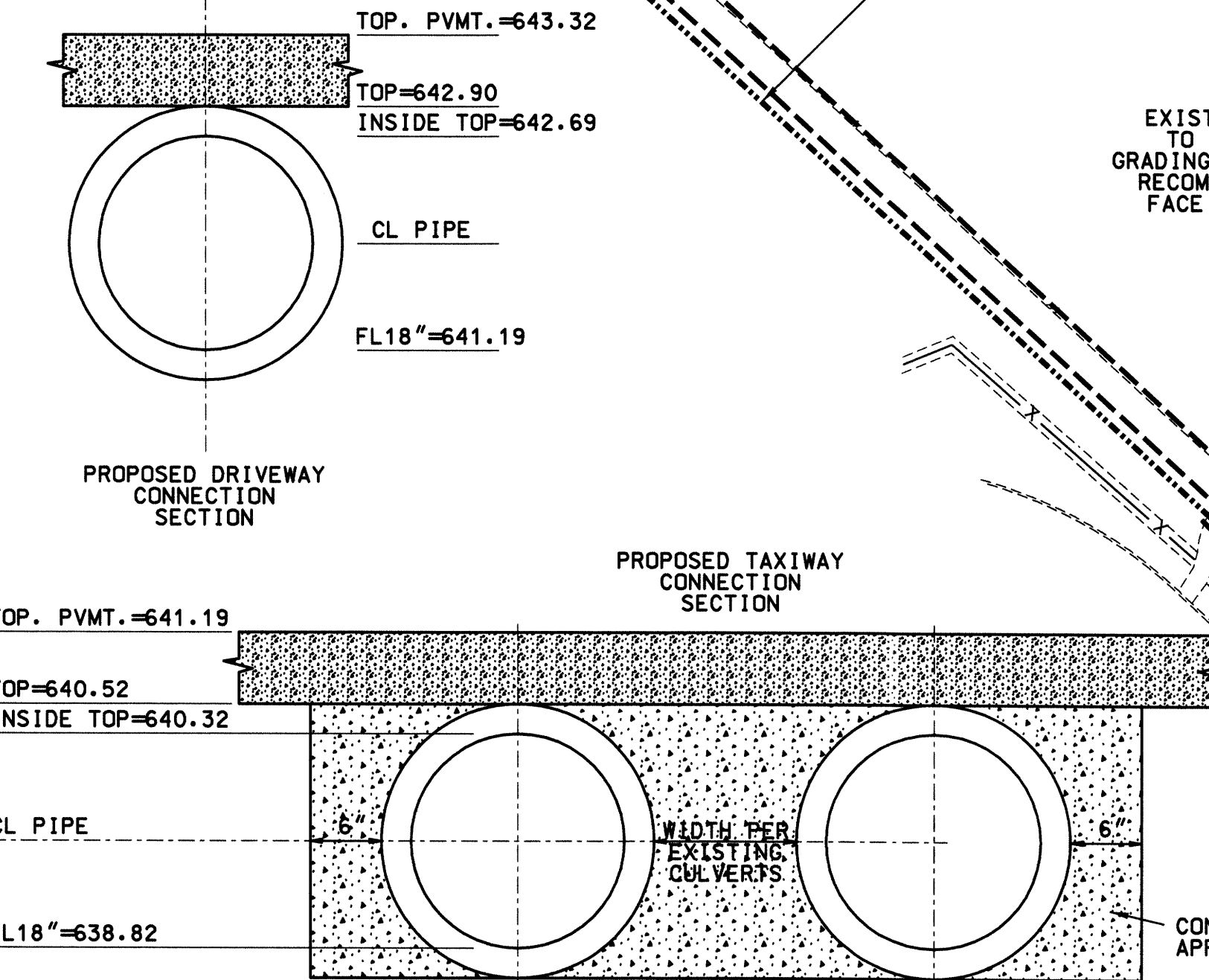
PER LETTER BY HENLEY JOHNSTON & ASSOCIATES, INC. (PROJECT NUMBER HJA 10478-3, DATED JUNE 10, 2010) THE APRON PAVEMENT SHALL BE 8" THICK, 650 PSI FLEXURAL STRENGTH, REINFORCED CONCRETE PAVEMENT ABOUT 5.250 PSI (COMPRESSIVE) WITH NO. 4 BARS 24" O.C.E.W. OVER THE FOLLOWING:

1. THE SITE SHOULD BE STRIPPED OF ALL SOIL AND SHOULD EXPOSE THE WEATHERED LIMESTONE PRESENT BELOW THE SOILS AT THE SITE.
2. PULVERIZED (RECYCLED) CONCRETE MATERIAL AVAILABLE AT THE SITE AND TESTED FOR CBR VALUE BY TERRACON TO BE USED AS AGGREGATE FILL (BASE MATERIAL). IT SHALL BE PLACED IN LIFTS NOT TO EXCEED 6" IN THICKNESS AND COMPACTED TO A DRY DENSITY OF AT LEAST 98 PERCENT OF THE MAXIMUM DRY DENSITY DETERMINED BY A MODIFIED PROCTOR COMPACTION TEST (ASTM D 1557) AT A MOISTURE CONTENT BETWEEN 2.5 PERCENTAGE POINTS BELOW AND 1.5 PERCENTAGE POINTS ABOVE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE SAME PROCTOR TEST. THE BASE MATERIAL SHOULD BE AT LEAST 6 INCHES THICK AND MAY BE UP TO 18 INCHES OR MORE IN TOTAL THICKNESS.



RECORD DRAWING 10-18-10

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PAVEMENT SECTIONS:

SIDEWALK AND FLATWORK PAVEMENT SHALL BE 4" THICK, 7 SACK, 4400 PSI REINFORCED (NO. 3 BARS 24" O.C.E.W.) CONCRETE PAVEMENT. SUBGRADE TO BE COMPACTED AS ABOVE AND FINE GRADED TO MATCH AS DESIGNED GRADING AND DRAINAGE PATTERNS.

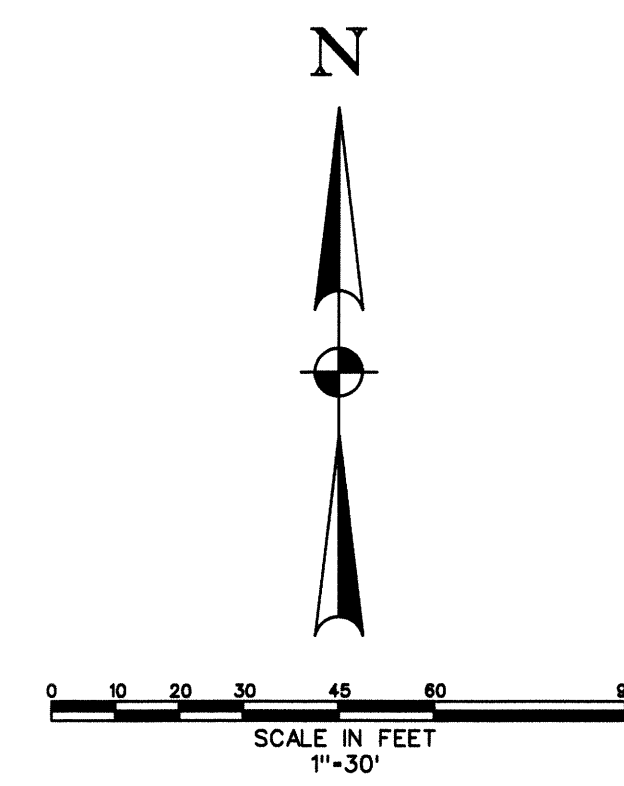
PAVEMENT SECTIONS PER HENLEY JOHNSTON & ASSOCIATES, INC. GEOTECHNICAL INVESTIGATION, ADDISON AIRPORT, EXECUTIVE HANGAR CONCRETE STRENGTH PER TOWN OF ADDISON

PARKING LOT PAVEMENT SHALL BE 5" THICK, 7 SACK, 4400 PSI, REINFORCED CONCRETE PAVEMENT (NO. 3 BARS 18" O.C.E.W.) WITH ENTRAINED AIR OVER:

- A) A LIME STABILIZED BASE OF SCARIFIED SOIL WITH SIX (6) PERCENT HYDRATED LIME A MINIMUM OF SIX (6) INCHES DEEP OR
- B) PREPARED SUB-BASE OF ON-SITE, UNDISTURBED SOIL (WITH ORGANICS REMOVED), AND/OR LOW PROCTOR INDEX SOIL ALL OF WHICH HAS BEEN SCARIFIED A MINIMUM OF SIX (6) INCHES DEEP, RECOMPACTED TO A MINIMUM OF NINETY-FIVE (95) PERCENT STANDARD PROCTOR INDEX, AND WATER ADDED TO OPTIMUM MOISTURE CONTENT WITHIN TWENTY-FOUR (24) HOURS OF CONCRETE PLACEMENT.

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



- 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

- UTILITY CONSTRUCTION GENERAL NOTES**
- All water and sanitary sewer construction shall conform to the City of Addison Standard Construction Details and Standard Specifications for Public Works Construction. In the event an item is not covered, the contractor shall bring the problem to the attention of the Engineer for a decision, approval or modification.
  - All water mains 6" or less shall be class 200, AWWA C900 PVC pipe. All water mains 8" through 12" shall be Class 150, AWWA C900 PVC pipe.
  - All gate valves shall be City approved resilient Seat Gate Valves (A-2370-series).
  - All fire hydrants must meet City of Addison Specifications.
  - Hose/pumper nozzles on fire hydrants shall be 18" above top of curb, or finished grade and shall face the streets or firelane. Fire hydrant shall not be placed less than 2.0' nor more than 6.0' behind the curb.
  - All water mains shall have a minimum cover of 48" below finished grade.
  - All water mains shall be pressure tested in accordance with the specifications. The Contractor shall flush and sterilize all water mains.
  - The location of existing utilities shown on these plans is approximate. All utilities may not be shown. It is the responsibility of the contractor to contact all area utilities that may conflict with construction prior to beginning work.
  - All sanitary sewer pipe outside of the building shall be SDR35 PVC pipe.
  - All concrete blocking and embedment for water and sewer line shall be in accordance with City of Addison construction standards.
  - Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the City of Addison and the owner.
  - Contractor shall be responsible for Trench Safety in compliance with the Occupational Safety and Health Administration's trench safety standards.

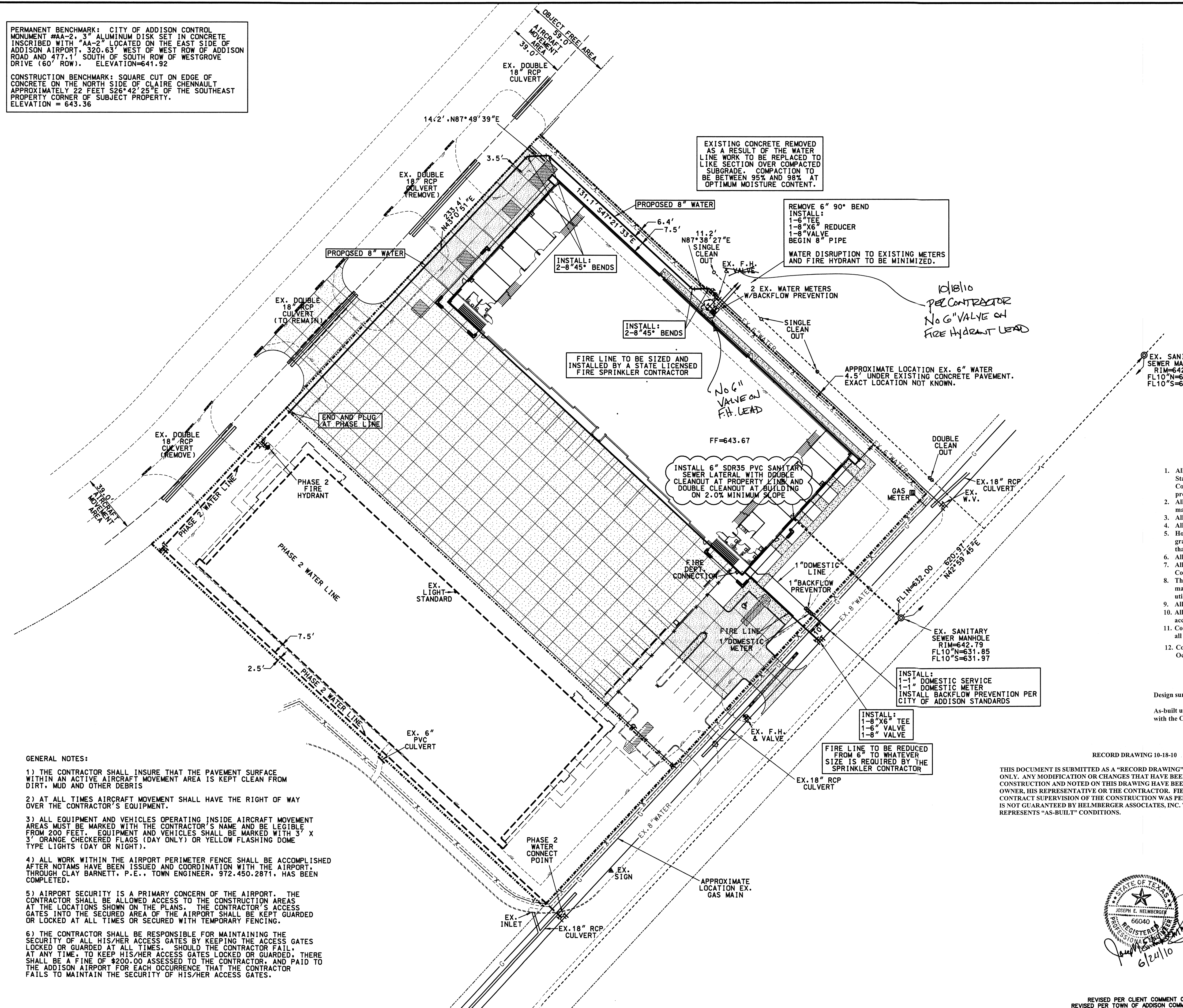
Design survey provided by the owner.

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

RECORD DRAWING 10-18-10

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  - AT ALL TIMES AIRCRAFT MOVEMENT SHALL HAVE THE RIGHT OF WAY OVER THE CONTRACTOR'S EQUIPMENT.
  - 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).
  - 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.
  - AIRCRAFT 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.
  - 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.



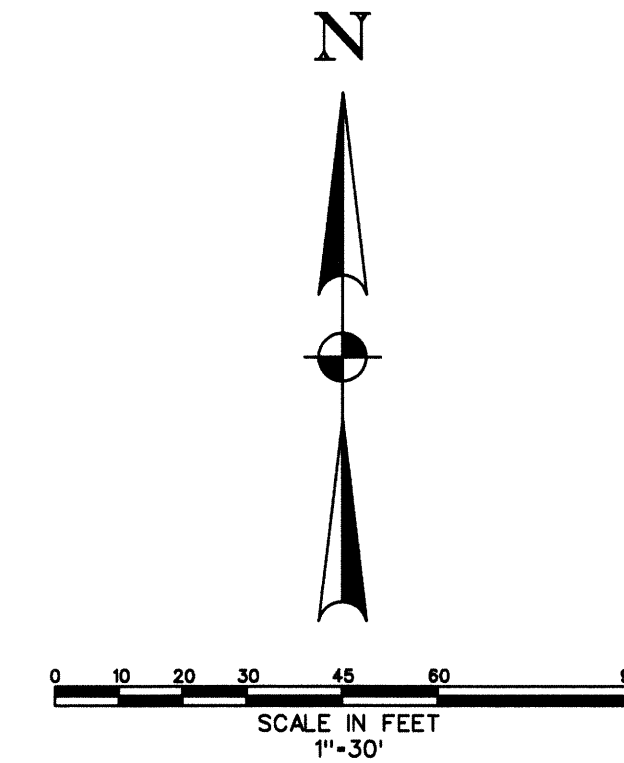
TOWN OF ADDISON PUBLIC WORKS NO. PW2010-01

<b>UTILITY PLAN</b>	
EXECHANGAR	
4565 CLAIRE CHENNAULT ROAD	
CITY OF ADDISON, TEXAS	
TBPE REGISTRATION F-000756	<b>H</b> HELMBERGER ASSOCIATES, INC. CIVIL AND ENVIRONMENTAL ENGINEERS 1828 BODDAM ROAD, WYLLIE, TEXAS 75096 (972) 442-7409
DESIGN	NO.
DRAWN	FILE
DATE	NOTES
SCALE	FILE
NO.	NO.
HELM.	C3

REVISED PER CLIENT COMMENT 06-24-10  
 REVISED PER TOWN OF ADDISON COMMENT 03-15-10  
 REVISED PER TOWN OF ADDISON COMMENT 02-19-10

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

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**LEGEND:**

- S22--- EXISTING CONTOUR
- S22— 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

**GRADING GENERAL NOTES**

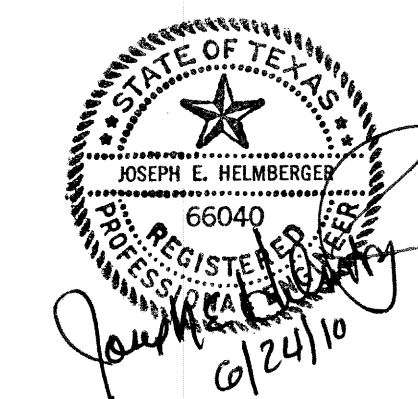
1. All construction shall conform to the City of Addison and Federal Aviation Administration Standard Construction Details and Standard Specifications for Public Works Construction. In the event that an item is not covered, the contractor shall bring the problem to the attention of the engineer for approval or modification.
2. Excavation or fill operations shall not interfere with or obstruct pre-construction drainage patterns until such time as on-site drainage improvements are constructed.
3. Top of curb elevations are noted with (TC) following them. Gutter elevations are 0.50 feet below top of curb. All other spot elevations shown are to top of pavement or finished grade unless otherwise noted. The intention of this grading plan is to preclude ponding water on paving or grassed areas. If the contractor finds any location that will result in ponding water, the Engineer shall be notified for clarification prior to pavement placement.
4. All subgrade beneath proposed pavement shall be prepared as specified in the Paving General Notes.
5. Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the City of Addison and the owner.
6. The location of existing utilities shown on these plans is approximate. All utilities may not be shown. It is the responsibility of the contractor to contact the City of Addison and all area utilities that may conflict with construction prior to beginning work.
7. Erosion control shall conform to City of Addison standards.

Design survey provided by the owner.

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

RECORD DRAWING 10-18-10

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TOWN OF ADDISON PUBLIC WORKS NO. PW2010-01

**GRADING PLAN**

EXECHANGAR

4565 CLAIRE CHENNAULT ROAD

CITY OF ADDISON, TEXAS

TBPE REGISTRATION F-000756 **H** HELMBERGER ASSOCIATES, INC. CIVIL AND ENVIRONMENTAL ENGINEERS 8225 BODDAM ROAD, WYLLIE, TEXAS 75098 (972) 442-7438

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
HELM.	CADD	JAN. 27, 2010	1"=30'	GBORDER.DGN	1001	C4

**GENERAL NOTES:**

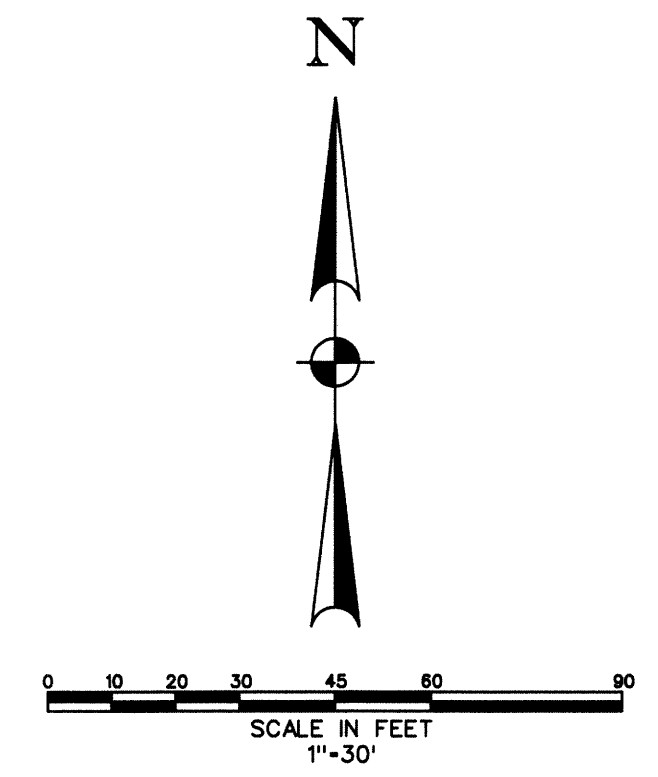
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- 5) AIRPORT SECURITY IS A PRIMARY CONCERN OF THE AIRPORT. THE CONTRACTOR SHALL BE ALLOWED ACCESS TO THE CONSTRUCTION AREAS AT THE LOCATIONS SHOWN ON THE PLANS. THE CONTRACTOR'S ACCESS GATES INTO THE SECURED AREA OF THE AIRPORT SHALL BE KEPT GUARDED OR LOCKED AT ALL TIMES OR SECURED WITH TEMPORARY FENCING.
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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

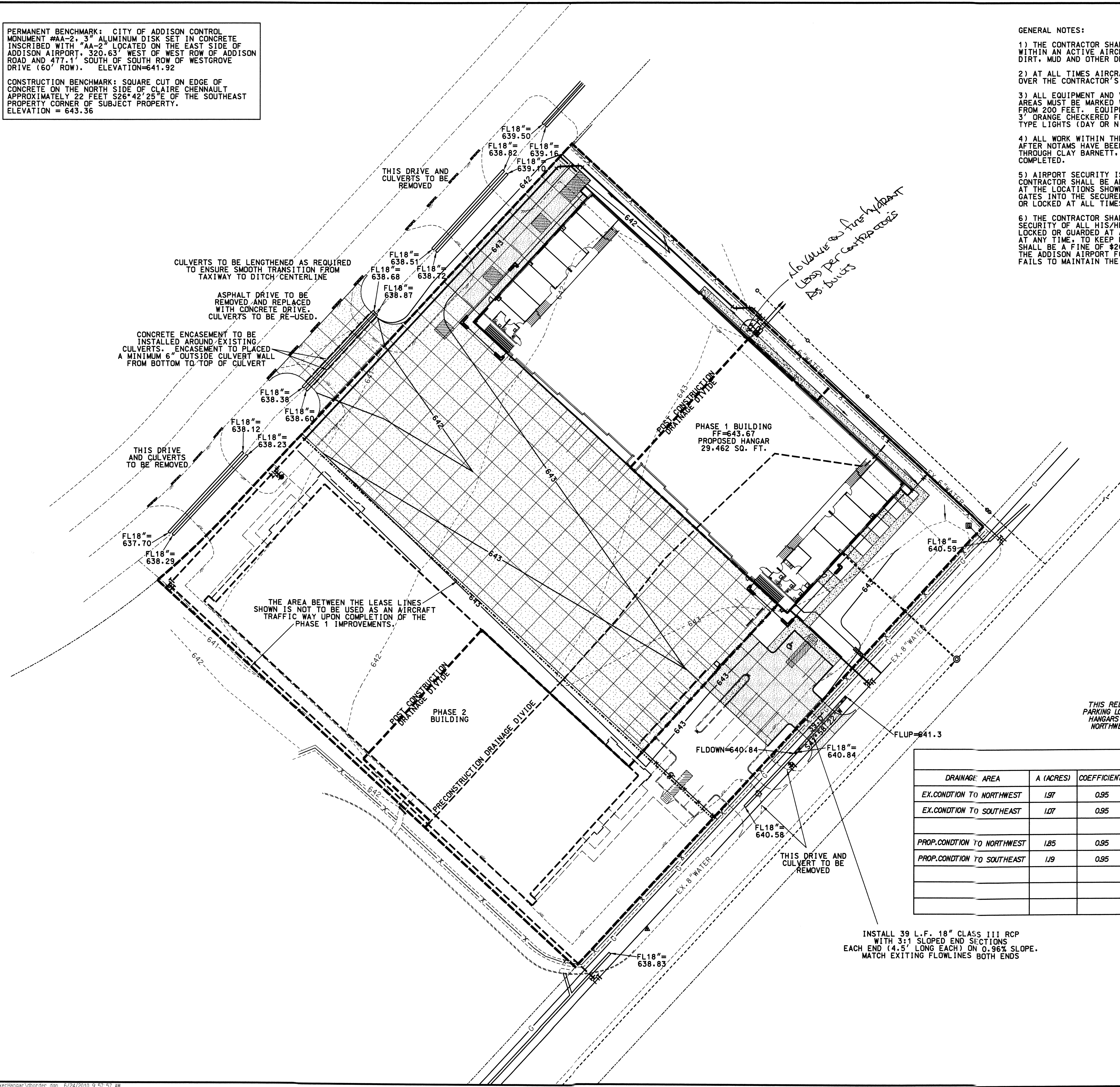
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LEGEND:

- 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

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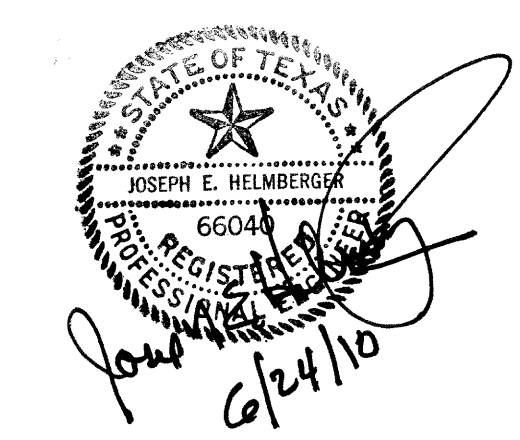
Design survey provided by the owner.

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>3020 BODISMAN ROAD, WYLLIE, TEXAS 75088 (972) 442-7400</small>				
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					C5

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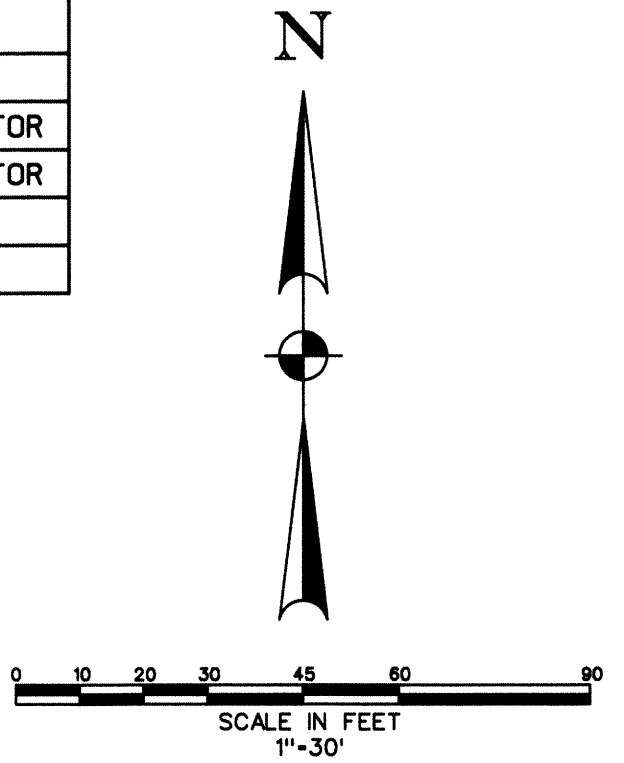
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GRASS COVER TO BE ESTABLISHED AND MAINTAINED ON ALL DISTURBED GROUND AREAS UPON COMPLETION OF FINAL GRADING

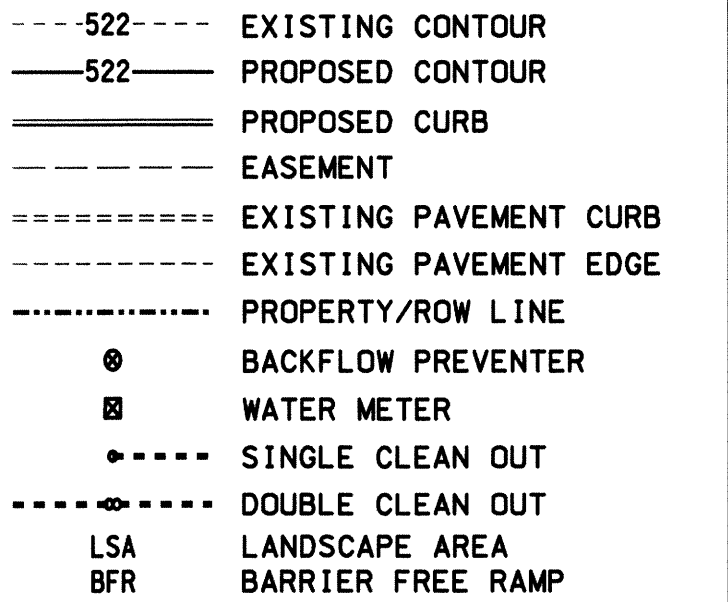
LEGEND:



BMP MAINTENANCE SCHEDULE		
BEST MANAGEMENT PRACTICE	MAINTENANCE FREQUENCY	BY:
SILT FENCE	WEEKLY/AFTER RAIN	CONTRACTOR
SANITARY FACILITY	WEEKLY	CONTRACTOR



LEGEND:



EROSION CONTROL CONSTRUCTION PLAN		
SILT FENCE	INSTALLATION:	REMOVAL:
		PRIOR TO STARTING

STABILIZATION OF DISTURBED AREAS PRIOR TO FINAL ACCEPTANCE

A. PUBLIC RIGHTS-OF-WAY, EASEMENTS, AND COMMON AREAS MUST BE STABILIZED WITH PERENNIAL VEGETATION COVER, FULLY ESTABLISHED WITH 100% COVERAGE, OR OTHER APPROVED STABILIZATION METHOD.

B. ALL WORK IN THE RIGHT-OF-WAY OF CLAIRE CHENNAULT IS TO BE PERFORMED IN ACCORDANCE WITH CITY OF ADDISON STANDARDS.

GENERAL NOTES:

1. EROSION CONTROL DEVICES AS SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBING ACTIVITIES ON THE PROJECT.
2. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT. CHANGES ARE TO BE APPROVED BEFORE CONSTRUCTION BY THE DESIGN ENGINEER AND THE CITY OF ADDISON ENGINEERING DIVISION.
3. IF THE EROSION CONTROL PLAN AS APPROVED CANNOT CONTROL EROSION AND OFF-SITE SEDIMENTATION FROM THE PROJECT THE EROSION CONTROL PLAN WILL BE REQUIRED TO BE REVISED AND/OR ADDITIONAL EROSION CONTROL DEVICES WILL BE REQUIRED ON SITE.
4. IF OFF-SITE SOIL BORROW OR SPOIL SITES ARE USED IN CONJUNCTION WITH THIS PROJECT, THIS INFORMATION SHALL BE DISCLOSED AND SHOWN ON THE EROSION CONTROL PLAN. OFF-SITE BORROW AND SPOIL AREAS ARE CONSIDERED A PART OF THE PROJECT SITE AND THEREFORE SHALL COMPLY WITH THE CITY EROSION CONTROL REQUIREMENTS. THESE AREAS SHALL BE STABILIZED WITH PERMANENT GROUND COVER PRIOR TO FINAL APPROVAL OF THE PROJECT.

Design survey provided by the owner.

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SILT FENCE

TAXWAY VICTOR  
39' 0" AIRCRAFT MOVEMENT AREA  
5' TYPICAL

EXISTING CONCRETE PAVEMENT

EXISTING DRIVE (TO BE REMOVED THIS PHASE)

EXISTING ASPHALT PAVEMENT (TO REMAIN)

RECYCLED ASPHALT TO BE STOCKPILED IN THIS AREA. STOCKPILED MATERIAL TO BE INCLUDED IN EROSION CONTROL BMP'S AS REQUIRED

SANITARY FACILITY

EXISTING ASPHALT PAVEMENT (TO REMAIN)

EXISTING ASPHALT PAVEMENT (TO BE REMOVED)

EXISTING ASPHALT PAVEMENT (TO BE REMOVED)

EXISTING ASPHALT PAVEMENT (TO BE REMOVED)

EXISTING CONCRETE PAVEMENT

CLAIRE CHENNAULT (60' ROW-NOT DEDICATED)

BENCHMARK: SQUARE CUT ON EDGE OF CONCRETE ELEVATION=643.36

USE EXISTING DRIVE AS CONSTRUCTION ENTRANCE. DRIVE TO BE CLEANED AS REQUIRED TO KEEP CLAIRE CHENNAULT CLEAR OF ANY AND ALL CONSTRUCTION MATERIALS AND DEBRIS.

EXISTING CONCRETE PAVEMENT

SILT FENCE

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OWNER/DEVELOPER:  
EXECUTIVE HANGAR  
ATTN: DANIEL CLAASEN  
8811 SOUTH KANSAS  
SEDGWICK, KANSAS 67135  
316-282-0440

ARCHITECT:  
ALBERTSON ASSOCIATES, LLC  
9225 PEPPER TREE  
WICHITA, KANSAS 67226  
MR. JAMES R. ALBERTSON, AIA  
316-636-9472

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TBPB REGISTRATION F-000756  
1525 BOZMAN ROAD  
WYLIE, TEXAS 75098  
JOSEPH E. HELMBERGER, PE  
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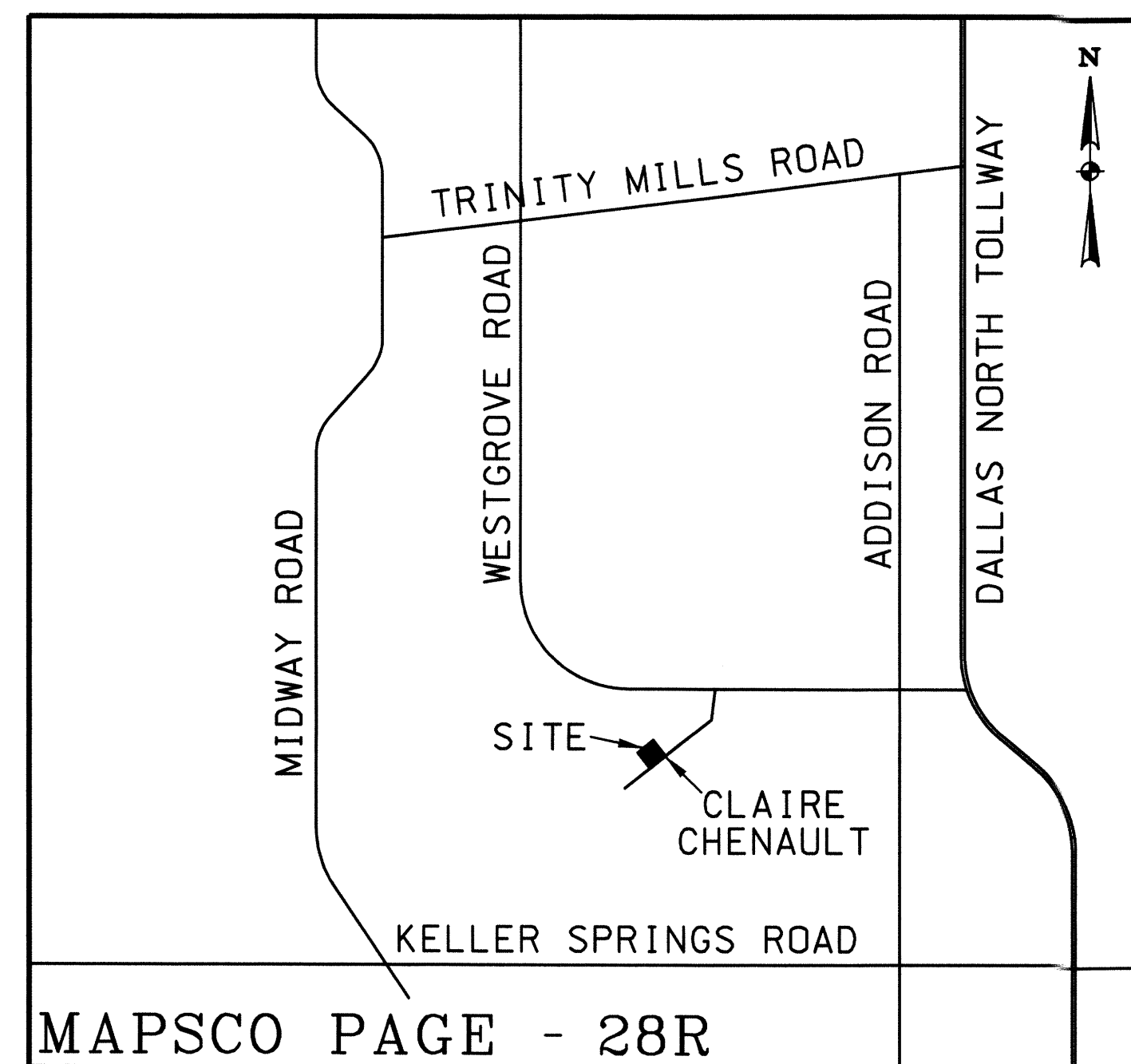
# EXECHANGAR PROPOSED HANGAR PROJECT ADDISON AIRPORT PAVING, UTILITY & DRAINAGE IMPROVEMENTS 4565 CLAIRE CHENNAULT ROAD CITY OF ADDISON, TEXAS JANUARY 27, 2010

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VICINITY MAP  
NOT TO SCALE

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## SHEET INDEX

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