

BUILDING AREA AND HEIGHT		
BUILDING NAME	GFA AREA SF	OVERALL HEIGHT
HANGAR I	36028	51' - 8 1/2"
HANGAR II	50654	59' - 5 1/4"
HANGAR III	44610	56' - 10 5/8"
FBO	14237	37' - 9"

COVERAGE AREA	
IMPERVIOUS	AREA
IMPERVIOUS	611512.9 SQ. FT.
PERVIOUS	66280.7 SQ. FT.

PARKING REQUIREMENTS				
BUILDING NAME	GFA AREA SF	OCCUPANCY CLASS	REQUIREMENT	PARKING SPACES
HANGAR I	36028	4F	1.0sp/2000 sf	18.01
HANGAR II	50654	4F	1.0sp/2000 sf	25.33
HANGAR III	44610	4F	1.0sp/2000 sf	22.31
FBO	14237	1A	2.5sp/1000 sf	35.59
TOTAL SPACES				101

DOMESTIC WATER METER TABLE	
HANGAR I	2" DOMESTIC WATER METER
HANGAR II AND FBO	2" DOMESTIC WATER METER
HANGAR III	2" DOMESTIC WATER METER

IRRIGATION WATER METER TABLE	
IRRIGATION	2" IRRIGATION WATER METER

FIRE SERVICE TABLE	
HANGAR I	8" FIRE SERVICE
HANGAR II AND FBO	8" FIRE SERVICE
HANGAR III	6" FIRE SERVICE

STANDARDS FOR ACCESSIBILITY ADA	
Total parking spaces provided	148
ADA section 208.2: ADA spaces provided	8
ADA Section 208.2.4: Van Accessible	8

**Town of Addison
Engineering Review**

ASI C008 Civil Review

Comments by: Jenny Prazak, P.E.
Cobb, Fendley & Associates, Inc.

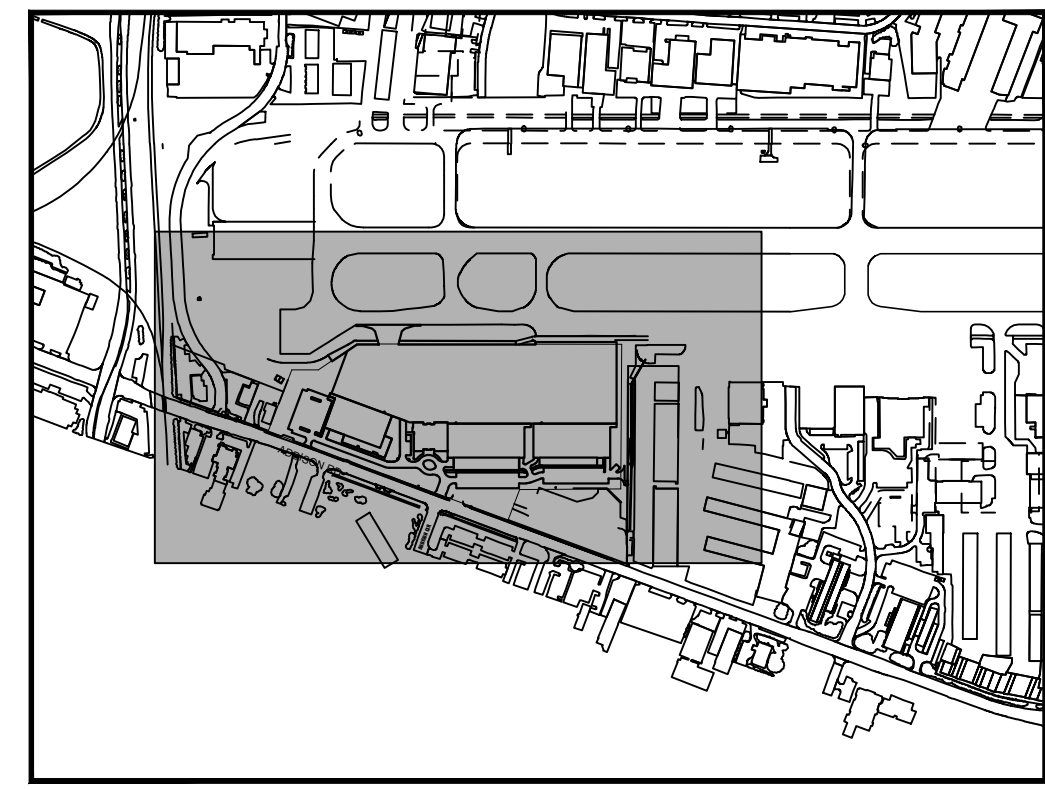
Date of Review: 10/12/2021

PROPERTY USE: PRIVATE APRON AND HANGAR
 PROPERTY AREA: 15.65 ACRES / 677,793.6 SQ. FT.

LEGEND

CIVIL PACKAGE (THIS SUBMITTAL)

ARCHITECTURE PACKAGE (PACKAGE II NOT THIS SUBMITTAL)



KEY PLAN

THIS PLAN CONFORMS WITH DESIGN STANDARDS INCLUDED IN THE TOWN OF ADDISON TRANSPORTATION PLAN, WATER SYSTEM REQUIREMENTS, WASTE WATER SYSTEM REQUIREMENTS, AND DRAINAGE CRITERIA MANUAL.

FLOOD PLAIN NOTE:
 NO FLOODPLAIN EXISTS ONSITE. PER FEMA FIRM 48113C0180K, DATE 07/07/2014, THIS SITE IS ZONE X UNSHADED, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANGE FLOOD PLAIN.

TOWN OF ADDISON SITE PLAN NOTES:

- ANY REVISION TO THIS PLAN WILL REQUIRE TOWN OF ADDISON APPROVAL AND WILL REQUIRE REVISIONS TO ANY CORRESPONDING PLANS TO AVOID CONFLICTS BETWEEN PLANS.
- OPEN STORAGE, WHERE PERMITTED, SHALL BE SCREENED IN ACCORDANCE WITH THE ZONING ORDINANCE.
- BUILDINGS WITH AN AGGREGATE SUM OF 5,000 SQUARE FEET OR GREATER ON A LOT SHALL HAVE AUTOMATIC FIRE SPRINKLERS INSTALLED THROUGHOUT ALL STRUCTURES. ALTERNATIVE FIRE PROTECTION MEASURES MAY BE APPROVED BY THE FIRE DEPARTMENT.
- ALL SIGNAGE IS SUBJECT TO TOWN APPROVAL.
- ALL FENCES AND RETAINING WALLS SHALL BE SHOWN ON THE SITE PLAN AND ARE SUBJECT TO BUILDING INSPECTION DIVISION APPROVAL.
- HANDICAP PARKING IS PROVIDED IN ACCORDANCE WITH THE ADA STANDARDS/

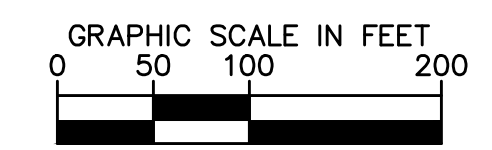
ZONING:

ZONE CLASS: I-3
 ZN CLS DESC: INDUSTRIAL-3 DISTRICT

ACTION	
APPROVED	DENIED
STAFF _____ Date _____	_____ Initials _____ Date _____
COUNCIL _____ Date _____	_____ Initials _____ Date _____

See the Staff Approval Letter of Council Result Memo for any conditions associated with the approval of the project.

OWNER	ENGINEERING/APPLICANT
BLACK FOREST VENTURES 24 WATERWAY AVE., SUITE 225 THE WOODLANDS, TX. 77380	KIMLEY-HORN 1400 WOODLOCH FOREST DR., SUITE 225 THE WOODLANDS, TX. 77380
PROPOSED SUBDIVISION NAME:	ADDISON GALAXY FBO
BLOCK DESIGNATION:	NA
LOT NUMBER:	NA
ACREAGE:	15.65 ACRES
ABSTRACT/SURVEY NAME AND NUMBER:	EDWARD COOK SURVEY/ ABSTRACT No. 326
TOWN OF ADDISON NUMBER:	2019-09D
PREPARATION DATE:	7/15/2019



No.	REVISIONS	DATE	BY
1	AS-C008	10/08/2021	JM
2	AS-C005	08/07/2020	JM

Kimley»Horn

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 1400 WOODLOCH FOREST DRIVE, SUITE 225
 THE WOODLANDS, TEXAS 77380
 PHONE: 281-475-2816
 TBP FIRM REGISTRATION F-928
 WWW.KIMLEY-HORN.COM



KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
067792503	10/08/2021	AS SHOWN	HCV	EAC	HCV

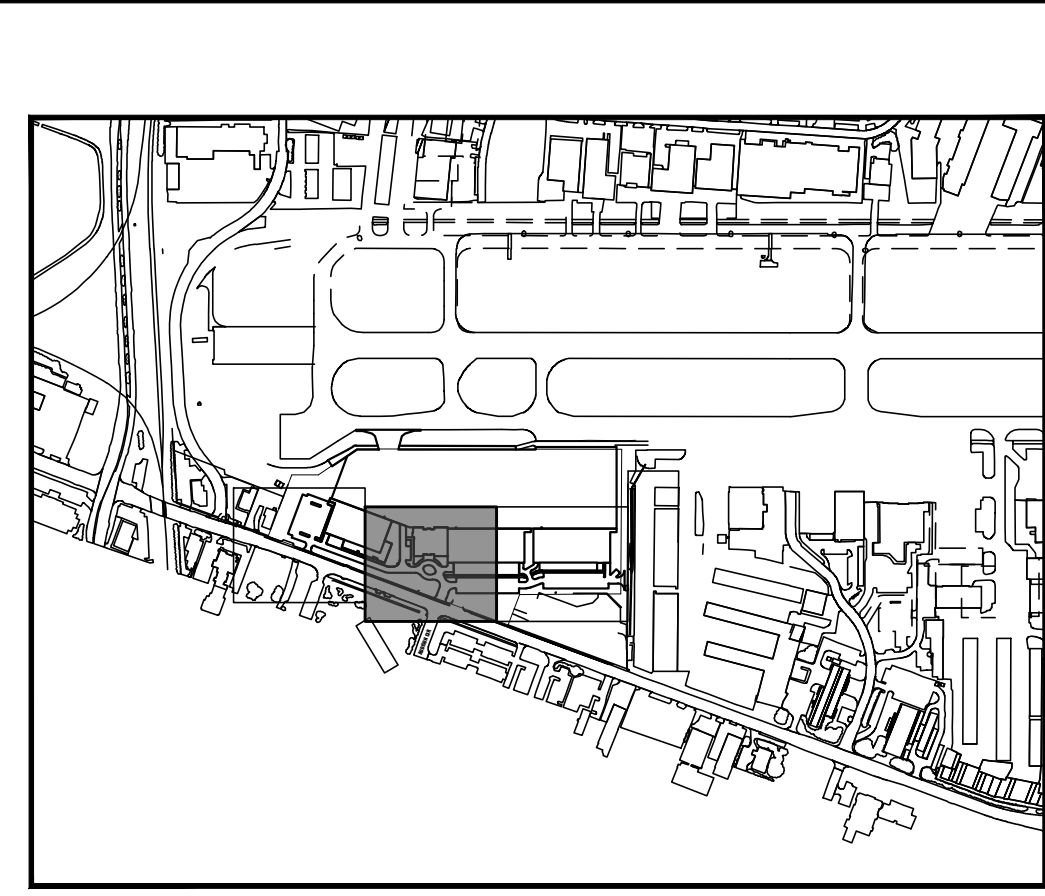
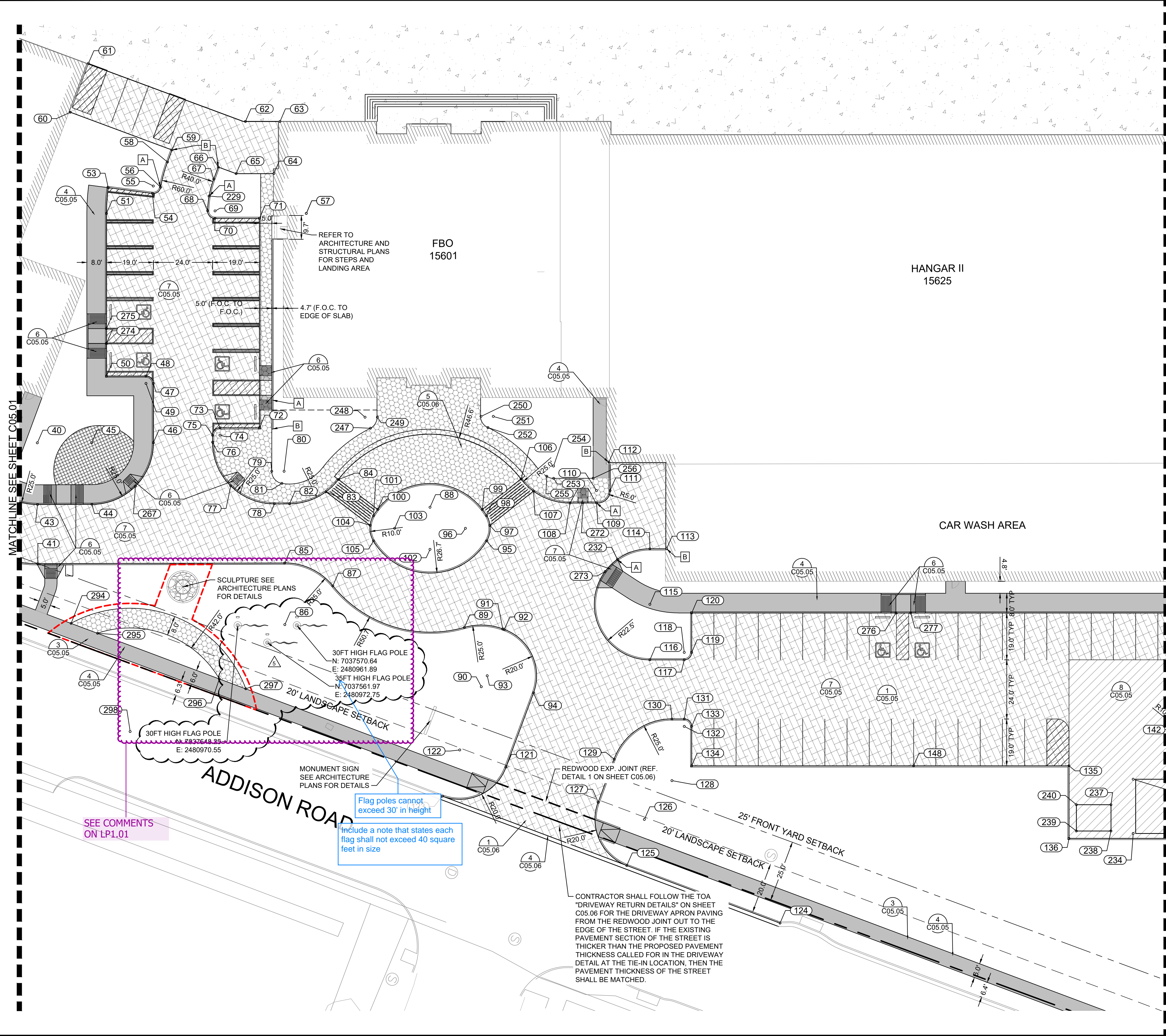
SITE PLAN

ADDISON GALAXY FBO
 15601 ADDISON RD.
 PREPARED FOR:
BLACK FOREST VENTURE

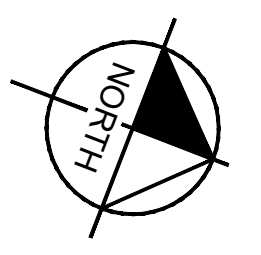
DALLAS, TEXAS
ADDISON

SHEET NUMBER
C00.06

Plotted By: Acevedo, Elith Sheet: SetKno Layout: C05.02 October 07, 2021 08:14:00am K:\VPL-Aviation\067792503 - Addison Galaxy FBO\ACAD\dwg\Sheets\C05.02 GEOMETRY LANDSIDE PLAN.dwg
 This document, together with the concepts and designs presented herein, is an instrument of service, as an instrument of service, and shall be without liability to Kimley-Horn and Associates, Inc.



KEY PLAN

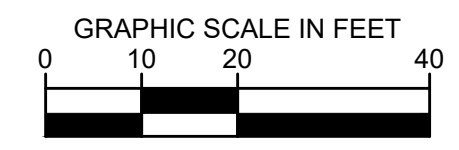


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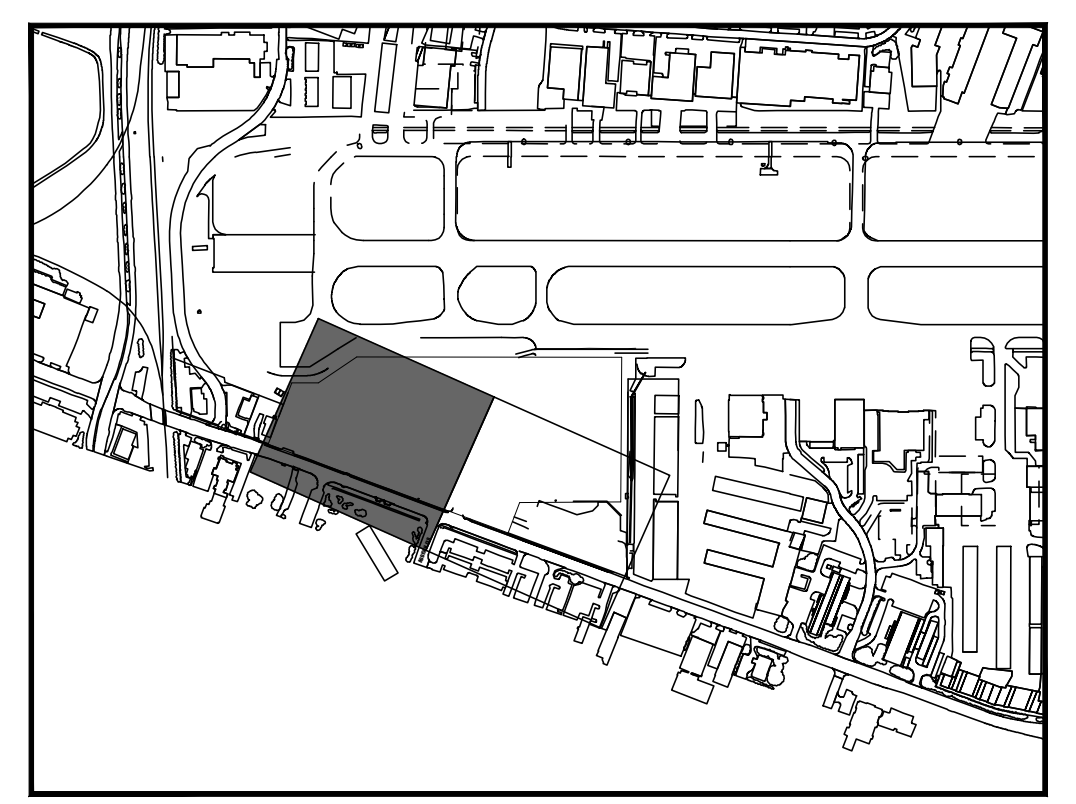
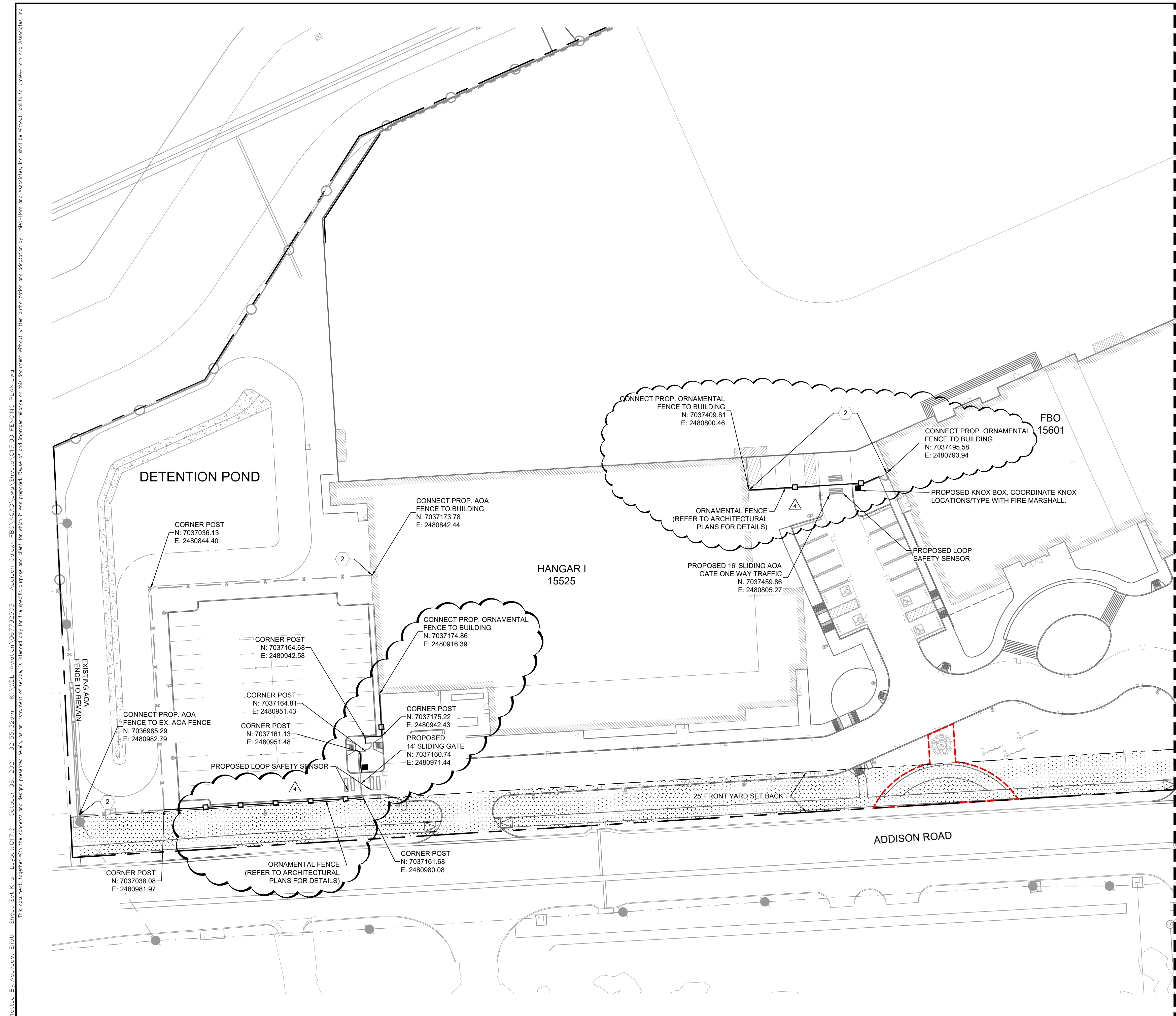
- [A] START OF CURB TRANSITION.
 - [B] END OF CURB TRANSITION.
1. ALL RADII 3' UNLESS OTHERWISE NOTED
 2. SEE GEOMETRY LANDSIDE POINT TABLE ON SHEET C05.04.

LEGEND

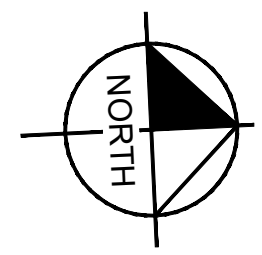
- PROPOSED 11.25" PCC APRON PAVEMENT
- PROPOSED 6" PCC LANDSIDE MEDIUM DUTY PAVEMENT
- PROPOSED STAMPED 6" PCC LANDSIDE PAVEMENT
- PROPOSED 5" SIDEWALK
- PROPOSED 7" PCC LANDSIDE HEAVY DUTY PAVEMENT
- PROPOSED LANDSCAPE FEATURE. REF. LANDSCAPE PLANS FOR DETAILS.
- DETAIL #
PAGE #



	02/11/2020	JM	04/30/2020	JM	06/11/2021	JM	10/08/2021	JM	
AS-C001	AS-C003	AS-C005	AS-C007	AS-C008					
<p>Kimley»Horn</p> <p>© 2019 KIMLEY-HORN AND ASSOCIATES, INC. 1400 WOODLACOCK DRIVE, SUITE 225 FORT WORTH, TEXAS 76104 PHONE: 281-475-2816 TBP# FIRM REGISTRATION F-928 WWW.KIMLEY-HORN.COM</p>									
<p>GEOMETRY LANDSIDE PLAN</p>									
<p>ADDISON GALAXY FBO 15601 ADDISON RD. PREPARED FOR BLACK FOREST VENTURE</p>									
<p>ADDISON DALLAS, TEXAS</p>									
<p>SHEET NUMBER C05.02</p>									



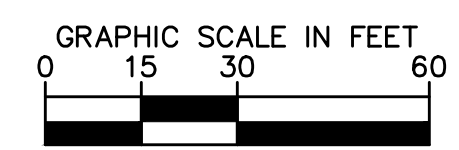
KEY PLAN



MATCHLINE SEE SHEET C17.02

- PHASING NOTE:**
- ① PHASE 1: EXISTING CHAINLINK AOA FENCE LEFT DURING SITE DEMOLITION AND CONSTRUCTION. TEMPORARY AOA FENCE ERRECTED IN NOTED LOCATIONS.
 - ② PHASE 2: PROPOSED AOA FENCE ERRECTED AND CONNECTED TO EXISTING AOA FENCE AND NEW BUILDING TIE-IN LOCATIONS.

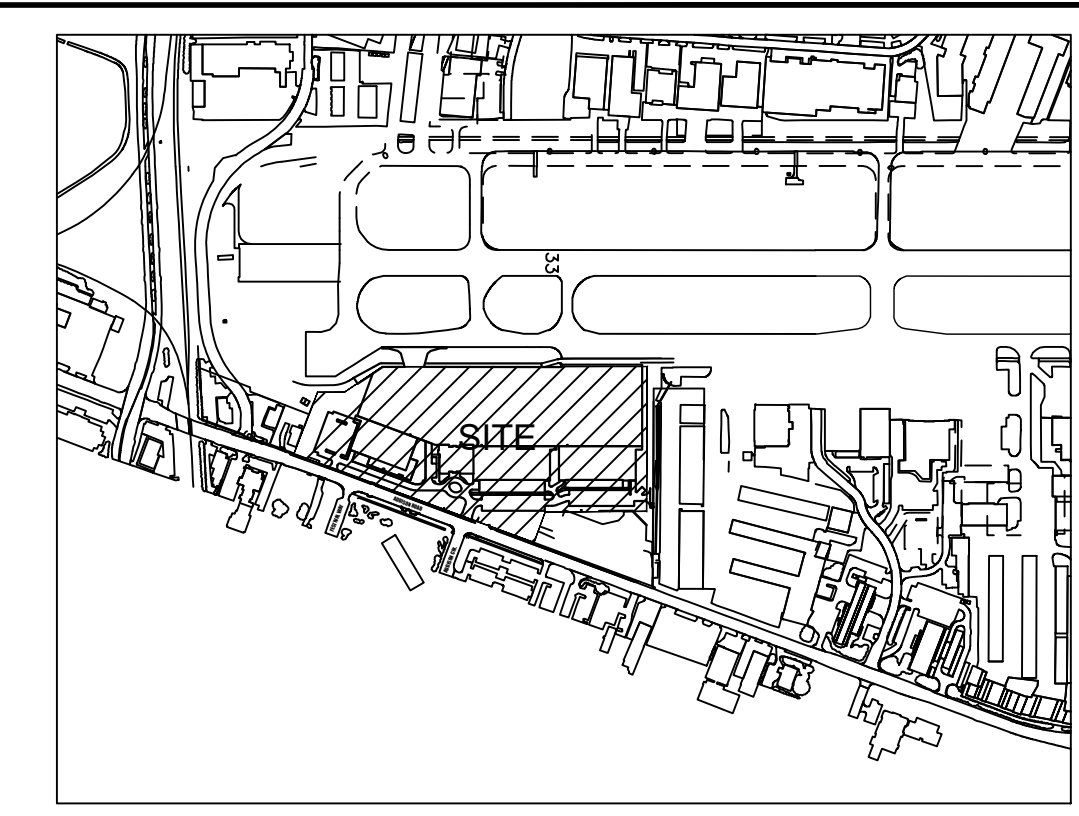
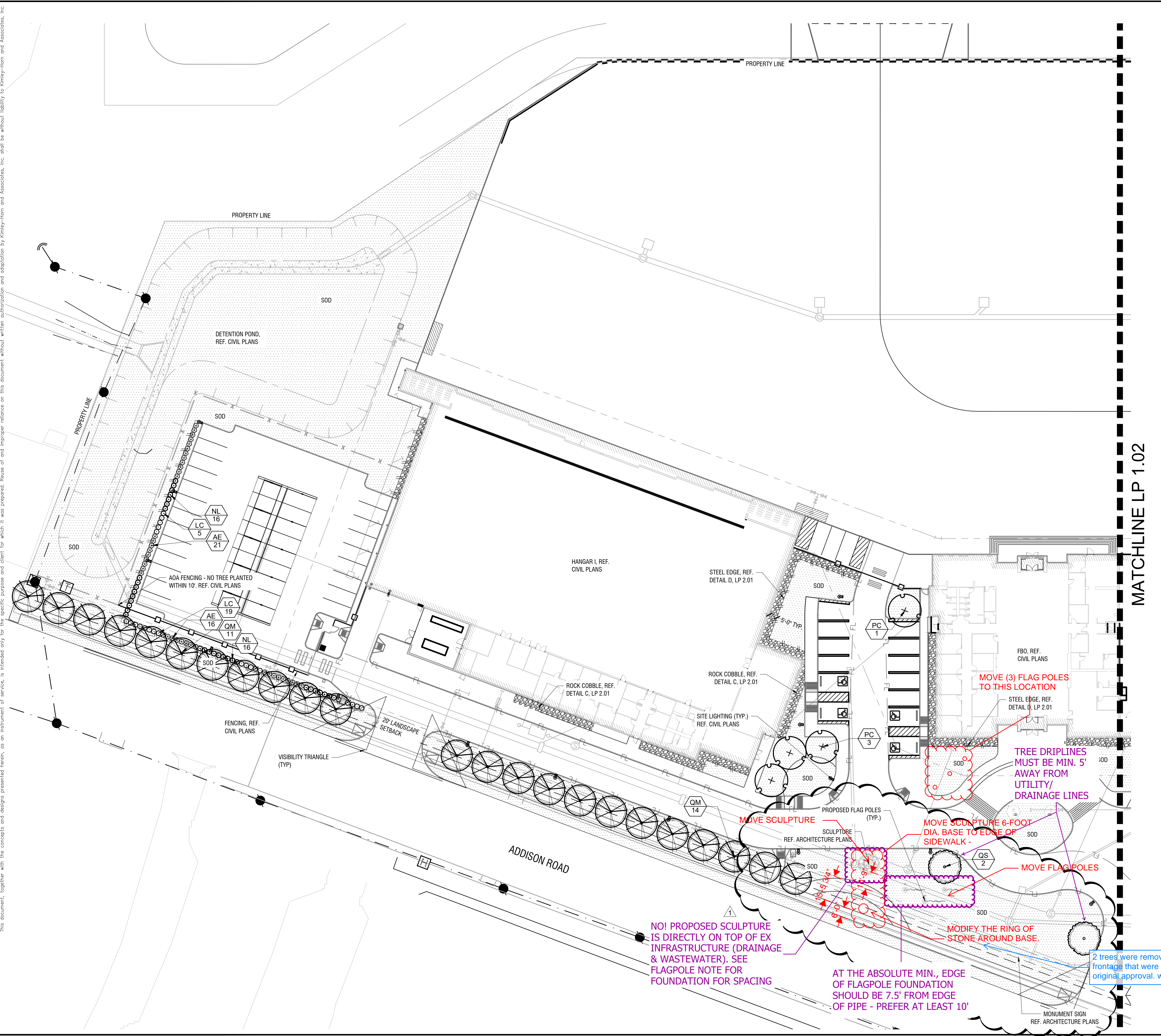
- LEGEND**
- // — EX. AOA CHAINLINK FENCE
 - x — PROP. AOA CHAINLINK FENCE (PHASE 2)
 - o — PROP. TEMPORARY AOA CHAINLINK FENCE (PHASE 1)
 - □ — PROP. ORNAMENTAL FENCE (PHASE 2) (REFER TO ARCHITECTURAL PLANS FOR DETAILS)



<p>Kimley-Horn © 2019 KIMLEY-HORN AND ASSOCIATES, INC. 1400 WOODLICO ROAD, SUITE 225 DALLAS, TX 75275 PHONE: 281-475-2816 FAX: 281-475-2816 WWW.KIMLEY-HORN.COM</p>		DATE: 10/08/21 BY: HCV
	<p>FENCING PLAN</p>	REVISIONS:
	<p>ADDISON GALAXY FBO 15601 ADDISON RD. PREPARED FOR BLACK FOREST VENTURE</p>	NO. DATE BY
	<p>SHEET NUMBER C17.01</p>	ADDISON DALLAS, TEXAS

Plotted By: Acevedo, Elsie. Sheet: Set-Kno. Layout: C17.01. October 06, 2021. 02:55:32pm. K:\MPL-Aviation\067792503 - Addison Galaxy FBO\ACAD.dwg - Sheets\C17.00 FENCING PLAN.dwg
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Plotting By: Lockwood, Lorian. Sheet Set: KHA - Layout: LP 1.01 - LANDSCAPE PLAN - October 04, 2021 01:15:11pm \\\kimley-horn.com\k-wed\WDL_Aviation\067792503 - Addison_Galaxy_FBO\ACAD\dwg\Sheets\landscape\ - LANDSCAPE PLAN.dwg
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KEY PLAN

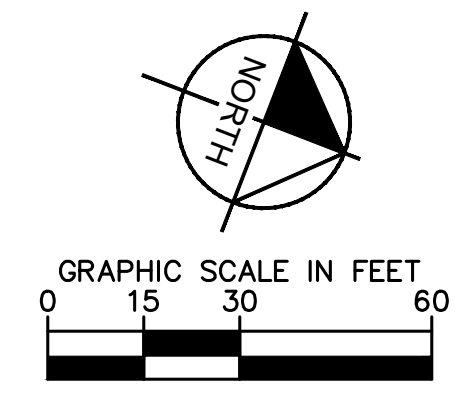
Town of Addison, TX Landscape Requirements - Article XXI

Landscape Requirements	Required	Provided
Minimum landscape area should be 10% of the total site area 683,194 SF x 10% = 68,319 SF	68,319 SF (10%)	78,296 SF (11%)
Street landscape buffers shall be one 4" caliper shade tree for each 30 LF of frontage and evergreen shrubs planted 3-3.5 ft on center 990 LF / 30 LF = 33 Trees	33 Trees	29 New Trees + 4 Existing Trees
Landscape Screening and Buffering	Required	Provided
Surface parking lot screening must be at least 3.5 feet higher than the finished elevation of the adjacent parking lot. Evergreen shrub planted three feet on center in a single row in a bed at least 42 inches wide.	Yes	Yes
The perimeter parking lot landscape strip shall be at least 5 feet wide for sites larger than 10,000 SF. Minimum requirement for perimeter landscaping 5 feet wide and greater shall be one 4" caliper shade tree for each 35 LF of perimeter and one shrub planted 3-3.5 feet on center.	Yes	Yes - Due to AOA fence regulations, trees have been relocated on site
558 LF of perimeter parking / 35 LF = 16 Trees	16 Trees	16 Trees
Surface Parking Lot Landscaping	Required	Provided
The required percentage of interior parking lot landscaping shall be 5% for 7,000 - 49,999 SF of interior parking area. 48,894 SF interior parking x 5% = 2,429 SF Planting Area	2,429 SF Planting Area	2,779 SF Planting Area
Large shade trees must be provided in each parking lot at minimum average density of one shade tree for each ten required parking spaces on the lot. 155 Parking Spaces / 10 = 16 Trees	16 Trees	16 Trees
No required parking space may be located further than 50 feet from the trunk of shade tree, or further than 75 feet from two or more shade trees.	Yes	N/A per existing site plan

PLANT LEGEND

TREES	CODE	BOTANICAL / COMMON NAME
	PC	PISTACIA CHINENSIS / CHINESE PISTACHE
	QM	QUERCUS MUEHLBERGERI / CHINESE PINE
	QS	QUERCUS SHUMARDII / SHUMARD RED OAK
SHRUBS	CODE	BOTANICAL / COMMON NAME
	AE	ABELIA X GRANDIFLORA 'EDWARD GOUCHER' / GLASSY ABELIA
	LC	LOROPETALUM CHINENSIS 'PURPLE DIAMOND' / PURPLE DIAMOND LOROPETALUM
	NL	NANDINA DOMESTICA 'LEMON LIME' / LEMON LIME NANDINA
GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	SOD	CYNODON DACTYLON / COMMON BERMAUDA GRASS
	RR	RIVER ROCK

REF. LP 2.01 FOR MASTER PLANT SCHEDULE AND NOTES
NO IRRIGATION TO BE LOCATED WITHIN 5'-0" OF BUILDING FOUNDATION PER GEOTECH REPORT.



ADDISON GALAXY FBO
15.67 ACRES
EDWARD COOK SURVEY
ABSTRACT NO. 326
SUBMITTED: 10/23/2019

CIVIL ENGINEER:
Kimley Horn
1400 Woodloch Drive
Suite 225
The Woodlands, TX 77380
Phone: (281) 475-2816

LANDSCAPE ARCHITECT:
Kimley Horn
13455 Noel Rd,
Two Galleria Office Tower
Suite 700
Dallas, TX 75240
Contact: Patrick B. Hart, PLA
Phone: (972) 770-1300

No.	REVISIONS	DATE	BY
1	ADDENDUM #8	12/11/2019	LL
2	ADDENDUM #8	01/08/2020	KS
3	ASI-C003	04/30/2020	LL
4	ASI-C005	06/07/2020	LL
5	ASI-C007	06/11/2021	LL
6	ASI-C008	10/08/2021	LL

Kimley Horn

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THE WOODLANDS, TX 77380
PHONE: 281-475-2816
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WWW.KIMLEY-HORN.COM

KIMLEY-HORN AND ASSOCIATES
LANDSCAPE ARCHITECTS

STATE OF TEXAS

10/08/2021

KHA PROJECT
067792503
DATE
10/08/2021
SCALE AS SHOWN
DESIGNED BY LL
DRAWN BY EC
CHECKED BY FBH

LANDSCAPE PLAN

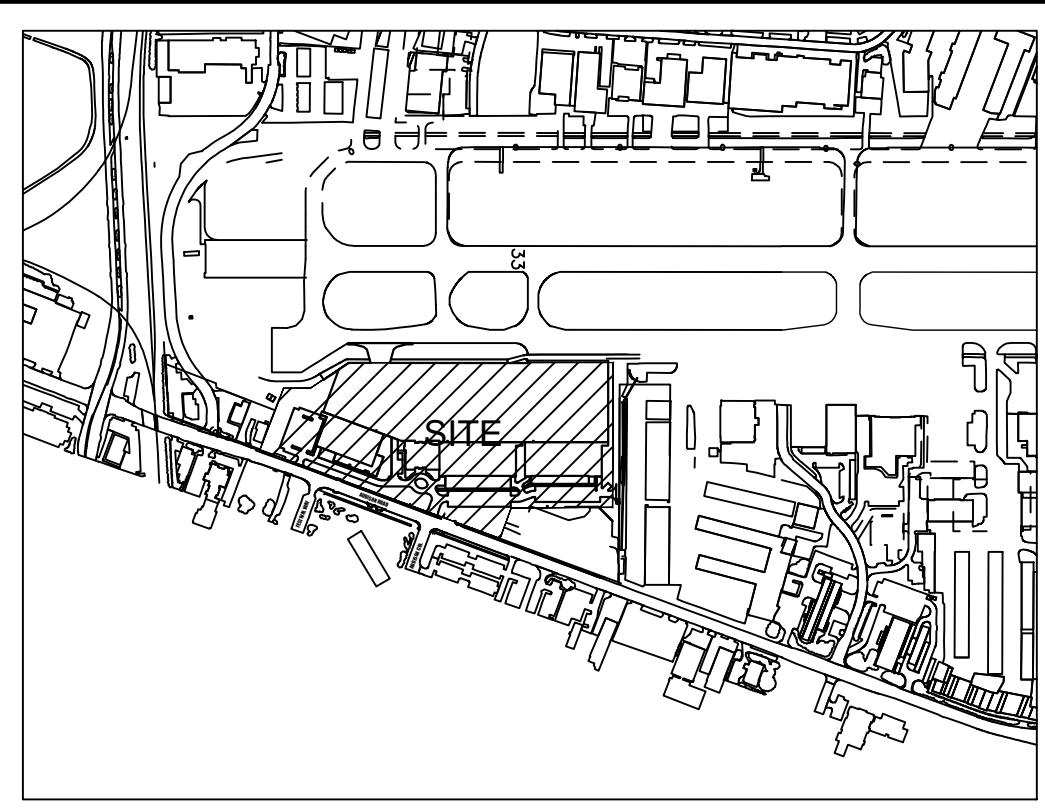
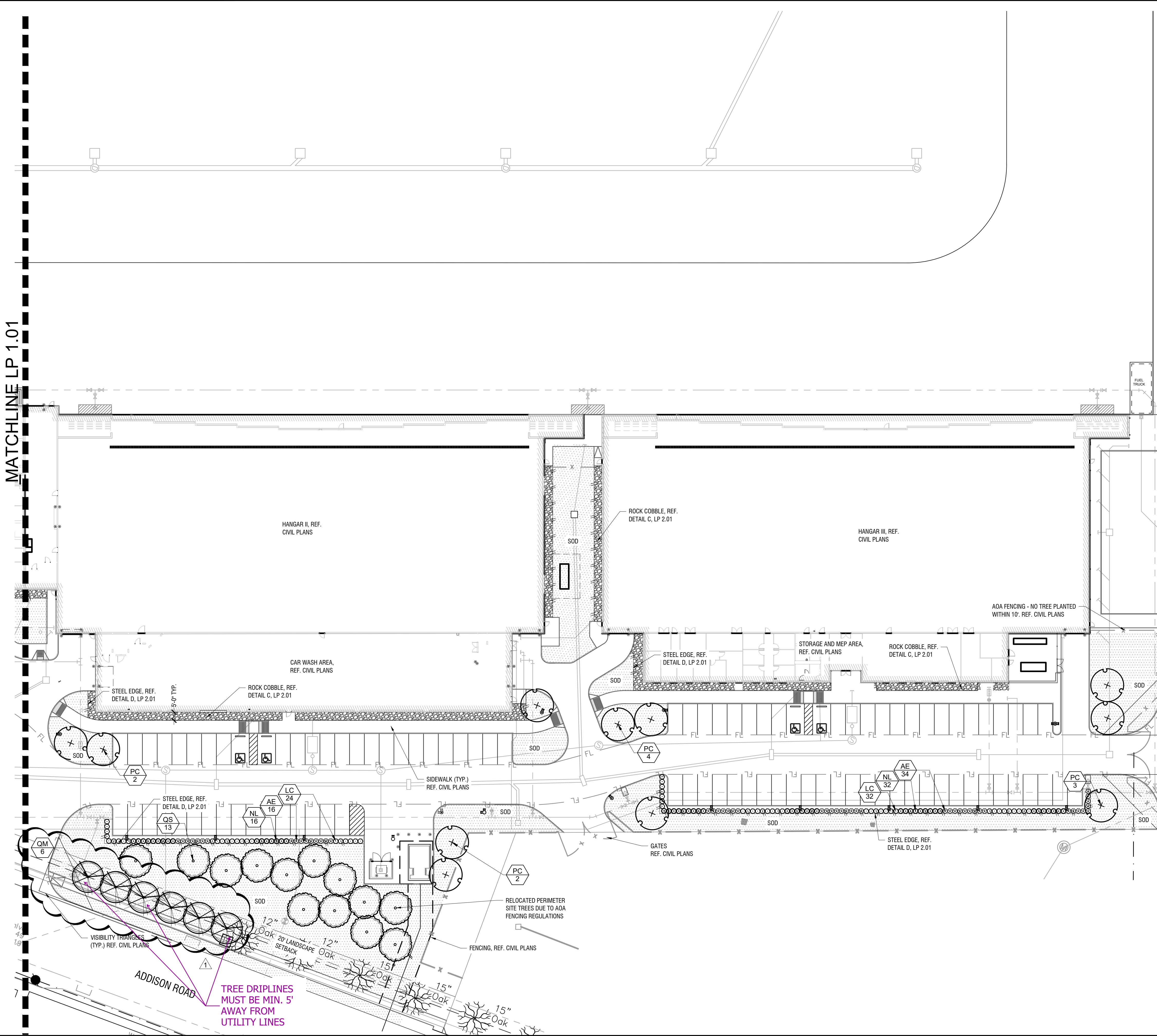
ADDISON GALAXY FBO
15601 ADDISON RD.
PREPARED FOR
BLACK FOREST VENTURE

DALLAS, TEXAS

ADDISON

SHEET NUMBER
LP 1.01

Plotted By: Lockwood, Lorien. Sheet Set: KHA - Layout: LP 1.02 LANDSCAPE PLAN October 04, 2021 01:15:21pm \\kimley-horn.com\vs-ws\wld\avation\067792503 - Addison Galaxy FBO\ACAD\Draws\Sheets\Landscapes\LP 1.02 LANDSCAPE PLAN.dwg
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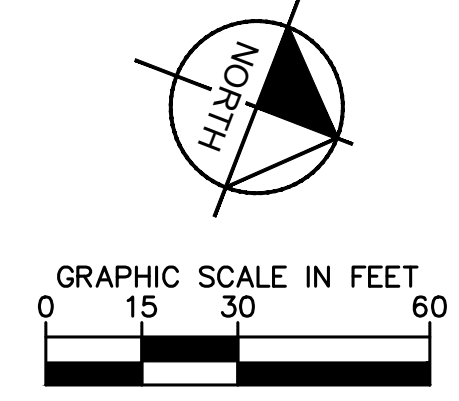
KEY PLAN

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No required parking space may be located further than 50 feet from the trunk of shade tree, or farther than 75 feet from two or more shade trees.	Yes	N/A per existing site plan

PLEASE EXPLAIN WHY THIS DOES NOT APPLY TO THIS PROJECT?

PLANT LEGEND

- TREES**
 - PC PISTACIA CHINENSIS / CHINESE PISTACHE
 - QM QUERCUS MUEHLENBERGII / CHINKAPIN OAK
 - QS QUERCUS SHUMARDII / SHUMARD RED OAK
 - SHRUBS**
 - AE ABELIA X GRANDIFLORA EDWARD GOUCHER / GLOSSY ABELIA
 - LC LOROPETALUM CHINENSE 'PURPLE DIAMOND' / PURPLE DIAMOND LOROPETALUM
 - NL NANDINA DOMESTICA 'LEMON LIME' / LEMON LIME NANDINA
 - GROUND COVERS**
 - SOD CYNODON DACTYLON / COMMON BERBERIS GRASS
 - RR RIVER ROCK
- REF. LP 2.01 FOR MASTER PLANT SCHEDULE AND NOTES
- NO IRRIGATION TO BE LOCATED WITHIN 5'-0" OF BUILDING FOUNDATION PER GEOTECH REPORT.



ADDISON GALAXY FBO
 15.67 ACRES
 EDWARD COOK SURVEY
 ABSTRACT NO. 326
 SUBMITTED: 10/23/2019

OWNER:
 Black Forest Ventures
 25 Waterway Ave
 Suite 225
 The Woodlands, TX 77380

CIVIL ENGINEER:
 Kimley Horn
 1400 Woodloch Drive
 Suite 225
 The Woodlands, TX 77380
 Phone: (281) 475-2816

LANDSCAPE ARCHITECT:
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12/11/2019	LL		
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10/08/2021	LL		

Kimley Horn

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 1400 WOODLOCH DRIVE, SUITE 225
 THE WOODLANDS, TX 77380
 PHONE: 281-475-2816
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 WWW.KIMLEY-HORN.COM



KHA PROJECT
 067792503
 DATE
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 SCALE AS SHOWN
 DESIGNED BY LLL
 DRAWN BY EC
 CHECKED BY PBH

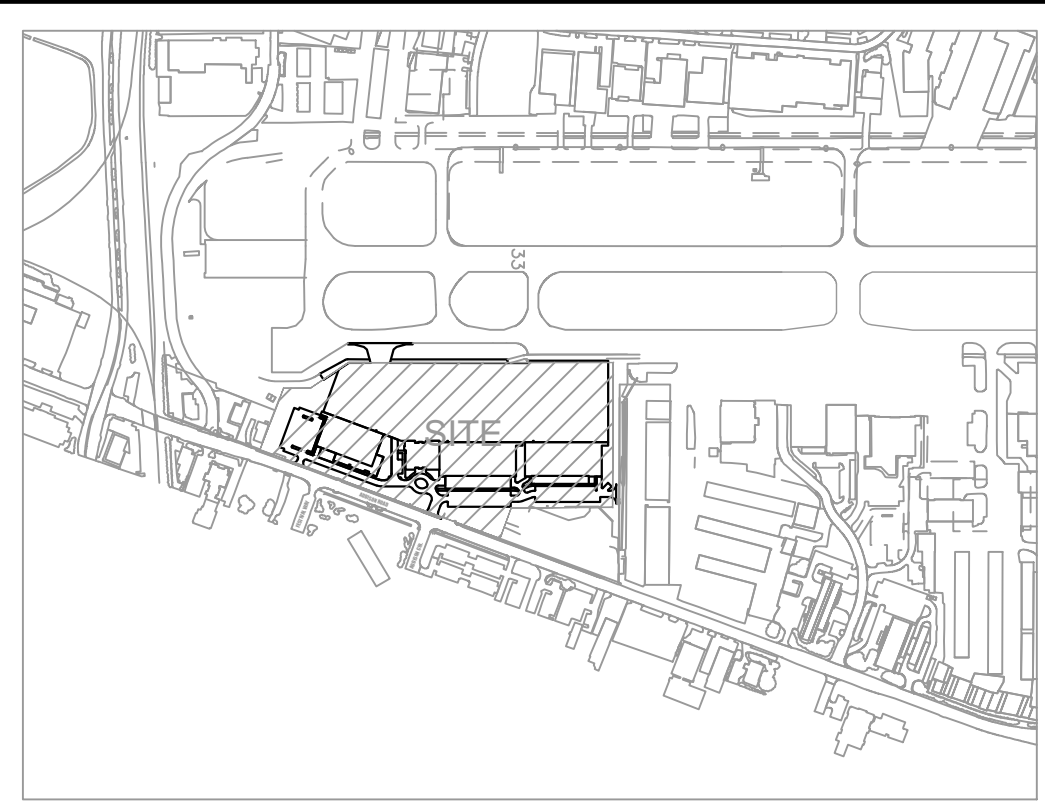
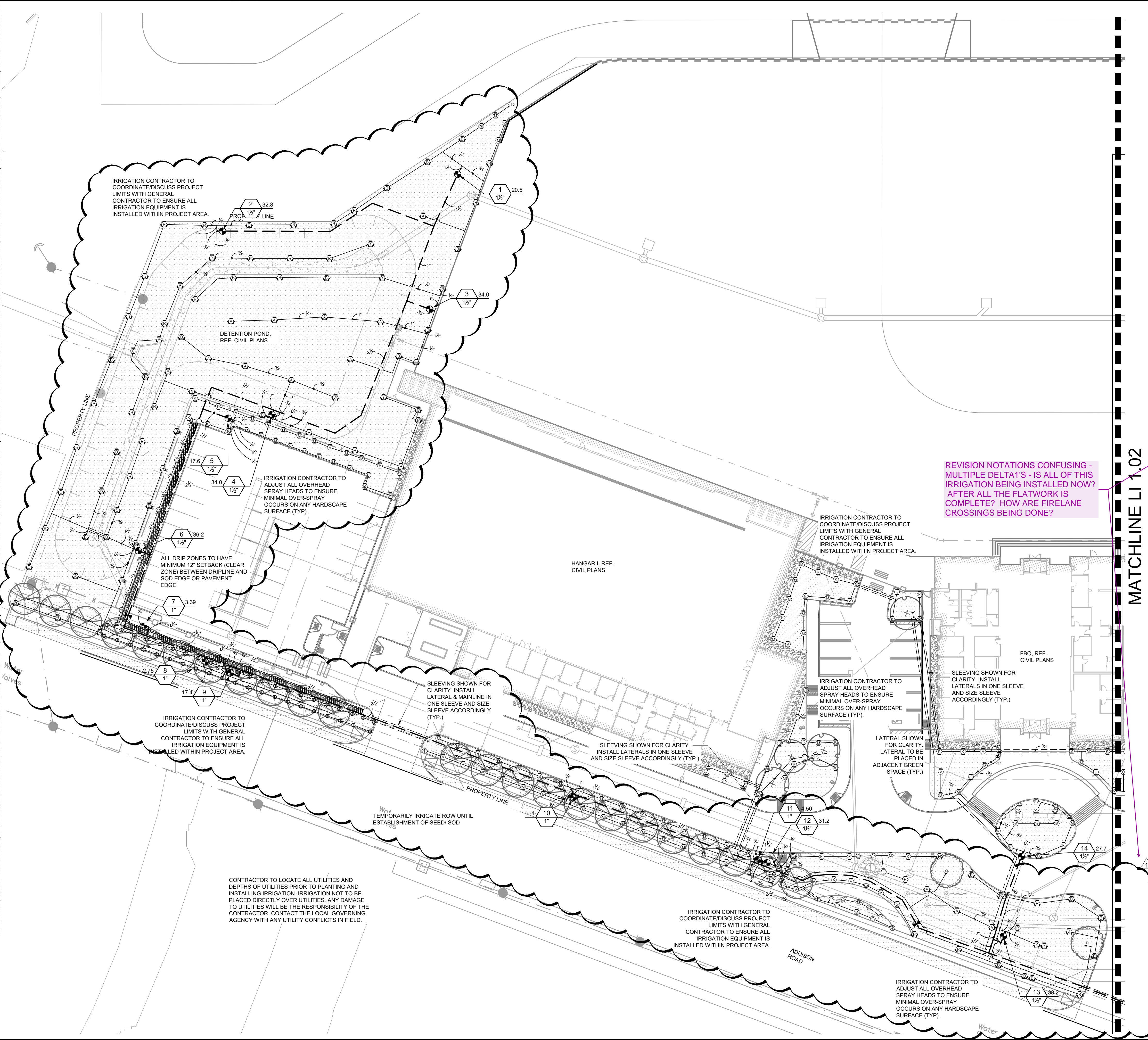
LANDSCAPE PLAN

ADDISON GALAXY FBO
 15601 ADDISON RD.
 PREPARED FOR
BLACK FOREST VENTURE

DALLAS, TEXAS
 ADDISON

SHEET NUMBER
LP 1.02

Plotted By: Schellhorn, Kyle Sheet: Set-Kns Layout: LI 1.01 IRRIGATION PLAN October 05, 2021 08:49:07am K:\V\Addison\Addison\667292503 - Addison Galaxy FBO\ACAD.dwg Sheets\Landscape\Irrigation\PLAN.dwg
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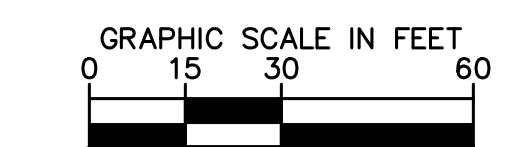


KEY PLAN

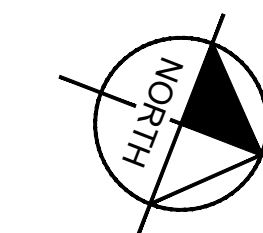
- IRRIGATION NOTES:**
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK.
 - CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
 - THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
 - ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS PRIOR TO COMMENCEMENT OF OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR.
 - THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
 - THIS IRRIGATION SYSTEM IS DESIGNED TO THE FOLLOWING STATS: 75 G.P.M. STATIC WATER PRESSURE IS 65 P.S.I.
 - CONTRACTOR TO VERIFY ACTUAL AVAILABLE WATER PRESSURE BEFORE BEGINNING INSTALLATION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE EXCEEDS 5 PSI HIGHER OR LOWER THAN AVAILABLE WATER PRESSURE.
 - VERIFY CONTROLLER AND RAIN SENSOR LOCATION AND MAINLINE POINT OF CONNECTION AT PROJECT SITE WITH OWNER.
 - IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
 - WHERE APPLICABLE IRRIGATION HEADS ARE TO BE ADJUSTED FOR COMPLETE COVERAGE WITH MINIMUM OVER SPRAY BEYOND LANDSCAPE AREAS.
 - EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRECH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.
 - IRRIGATION LATERAL LINES, MAIN LINES AND EQUIPMENT MAY BE SHOWN OUTSIDE PROPERTY LINES ON THIS PLAN. ALL IRRIGATION LINES AND EQUIPMENT ARE TO BE WITHIN AND INSTALLED WITHIN THE LIMITS OF THE PROPERTY LINE.
 - IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR UNLESS OTHERWISE NOTED. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES. SEE SLEEVING DETAIL. ALL PRESSURE MAINLINES UNDER ASPHALT PAVEMENT SHALL BE PLACED WITHIN SLEEVES AS NOTED.
 - GENERAL CONTRACTOR AND IRRIGATION CONTRACTOR TO COORDINATE INSTALLATION OF METER, BACKFLOW, AND ASSOCIATED APPURTENANCES.
 - ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.
 - MAINLINE, VALVES, AND WIRING ARE SHOWN ON DRAWINGS FOR CLARITY. SHOULD BE LOCATED IN ACCESSIBLE GREEN SPACE. CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES TO AVOID CONFLICTS WITH UTILITIES/STRUCTURES, ETC.
 - CONTRACTOR RESPONSIBLE FOR PROVIDING 110 SINGLE PHASE POWER TO CONTROLLER.
 - INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDELY COMPLETION OF ALL WORK ON THE SITE.
 - ALL 24 VAC WIRING SHALL BE OF DIRECT BURIAL COPPER WIRE AS FOLLOWS:
 - CONTROL WIRES - #14
 - COMMON WIRES - #12
 - LOCATE ALL VALVES A MINIMUM OF 24" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS NOTED OTHERWISE.
 - SET SPRAY HEADS 4" FROM BACK OF CURB OR 24" IF PAVEMENT HAS NO CURB.
 - CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT. "AS-BUILT" DRAWINGS TO BE COLOR CODED BY ZONE ON 8.5" X 11" COPY, LAMINATED, AND PLACED IN CONTROLLER.
 - THE SYSTEM HAS BEEN DESIGNED TO PROVIDE 100% COVERAGE. ANY CHANGES MADE IN THE LAYOUT DUE TO FIELD CONDITIONS SHALL BE IN ACCORDANCE WITH THESE STANDARDS. QUANTITIES IN SCHEDULE ARE ESTIMATED. PLAN SHALL TAKE PRECEDENCE.
 - IRRIGATION VALVES AND VALVE BOXES SHALL BE LOCATED IN LANDSCAPE BEDS OR GROUND COVER AREAS WHENEVER POSSIBLE. ALL REMOTE VALVE BOXES SHALL BE SET FLUSH WITH FINISHED GRADE AND CONTAIN ONE CUBIC FOOT OF CLEAN GRAVEL BENEATH VALVE. LABEL REMOTE BOXES WITH ONE-INCH ALPHA NUMERIC NOTATION CORRESPONDING TO THE APPLICABLE ALPHA CONTROLLER AND NUMERIC STATION.
- NOTE:**
 THIS IRRIGATION PLAN IS DESIGNED TO THE FOLLOWING STATS: 65 PSI AND 120 GPM. IF WATER PRESSURE DOES NOT MEET DESIGN SPECIFICATIONS A BOOSTER PUMP WILL BE REQUIRED AT COST OF CONTRACTOR. CONTACT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION IF SYSTEM HAS +/- 5 PSI THAN DESIGN PRESSURE.
 REFERENCE MAXIMUM LATERAL DRIPLINE CHART TO DETERMINE MINIMUM NUMBER OF POINTS OF CONNECTION PER DRIP LINE ZONE.
 WHERE LAYOUT FLEXIBILITY EXISTS CENTER FEED LAYOUTS MUST BE USED. THIS ALLOWS FOR EVEN FLOW OF WATER THROUGH THE ZONE.

REVISION NOTATIONS CONFUSING - MULTIPLE DELTA 1'S - IS ALL OF THIS IRRIGATION BEING INSTALLED NOW? AFTER ALL THE FLATWORK IS COMPLETE? HOW ARE FIRELANE CROSSINGS BEING DONE?

MATCHLINE LI 1.02



REF: SHEET LI 1.02 FOR IRRIGATION SCHEDULE
 NO IRRIGATION TO BE LOCATED WITHIN 5'-0" OF BUILDING FOUNDATION PER GEOTECH REPORT.



ADDISON GALAXY FBO
 15.67 ACRES
 EDWARD COOK SURVEY
 ABSTRACT NO. 326
 SUBMITTED: 10/23/2019

OWNER:
 Black Forest Ventures
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 The Woodlands, TX 77380

CIVIL ENGINEER:
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ADDENDUM #1	ADDENDUM #2	ADDENDUM #3	ADDENDUM #4	ADDENDUM #5	ADDENDUM #6	ADDENDUM #7	ADDENDUM #8	ADDENDUM #9	ADDENDUM #10
09/06/19	10/24/2019	12/11/2019	01/08/2020	08/06/2020	06/11/2021	10/08/2021			
KS	KU	KU	KS	KU	KU	KS	KS	KS	KS
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.

Kimley Horn
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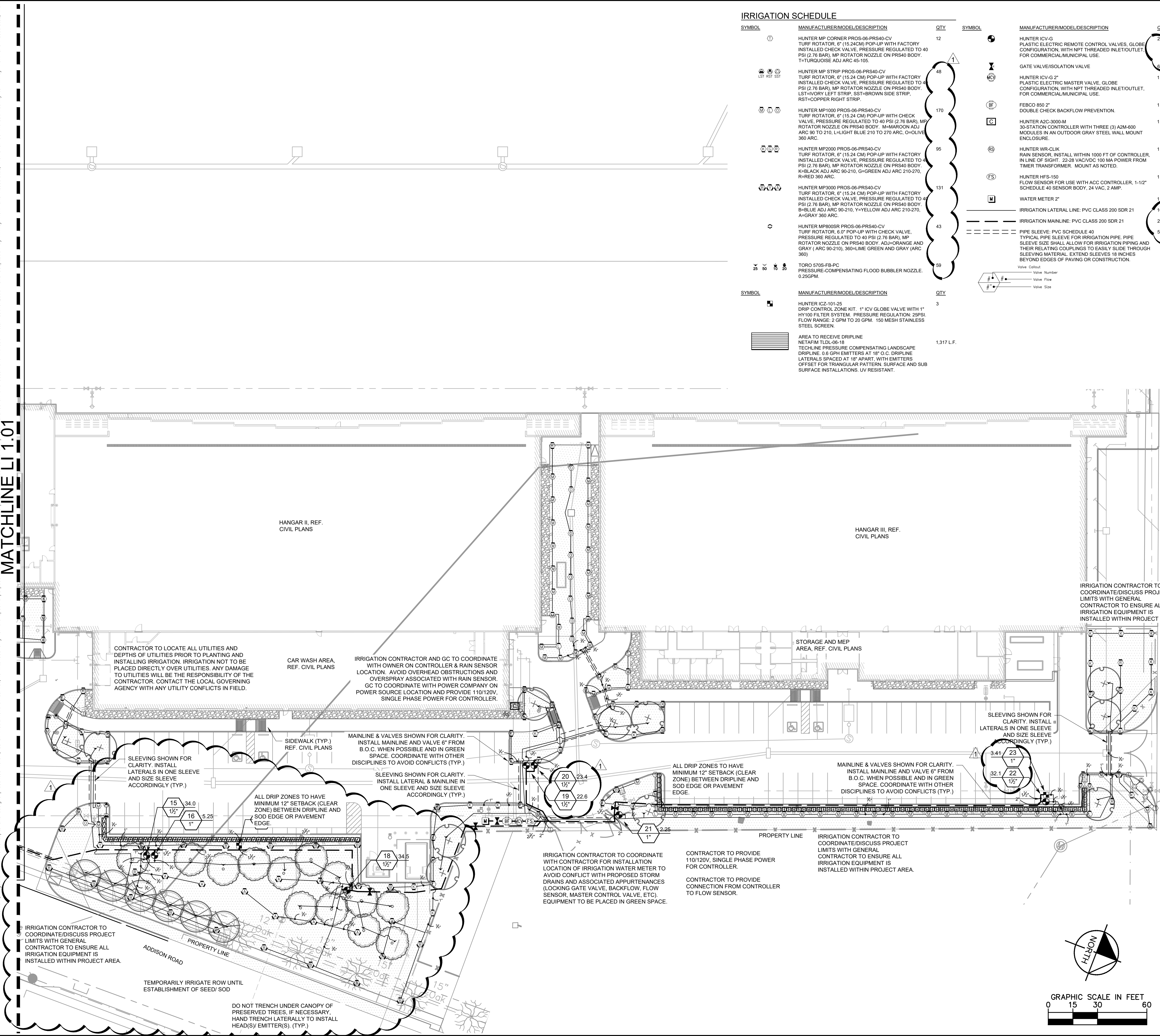
KHA PROJECT
 067792503
 DATE
 10/08/2021
 SCALE AS SHOWN
 DESIGNED BY KAU
 DRAWN BY EC KWS
 CHECKED BY KWS

IRRIGATION PLAN
 SHEET NUMBER
LI 1.01

ADDISON GALAXY FBO
 15601 ADDISON RD.
 PREPARED FOR
BLACK FOREST VENTURE
 DALLAS, TEXAS
 ADDISON

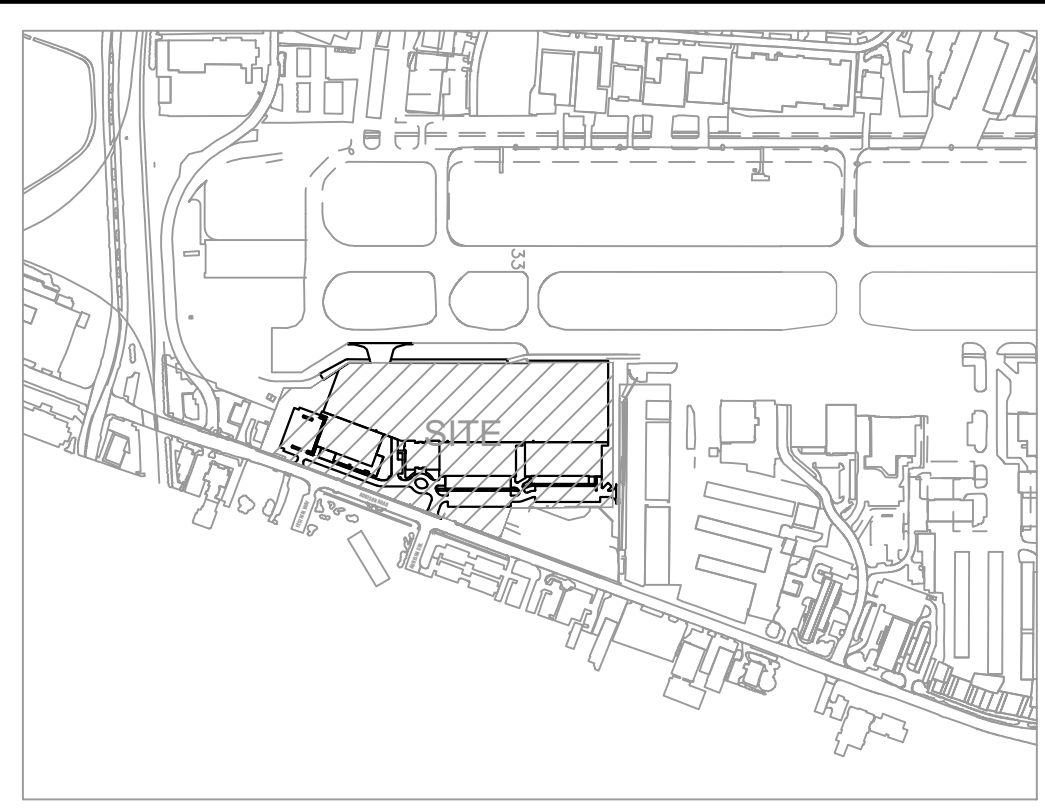
Plotted By: Schellhorn, Kyle Sheet: Set-Kvs Layout: LI 1.02 IRRIGATION PLAN October 05, 2021 08:49:16am K:\VLD-Aviation\06792503 - Addison Galaxy FBO\CAD\dwg\Sheet\landscape\LI 1.02 IRRIGATION PLAN.dwg Addendum #1 to Kimsley-Horn and Associates, Inc. shall be without liability to Kimsley-Horn and Associates, Inc. This document is intended for the specific purpose stated on the title block and no other use or reliance on this document without written authorization and approval by Kimsley-Horn and Associates, Inc. is intended.

MATCHLINE LI 1.01



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
①	HUNTER MP CORNER PROS-06-PRS40-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PRS40 BODY, T-TURBO (ORISE ADJ) ARC 45-105.	12	⊗	HUNTER ICV-G PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET FOR COMMERCIAL/MUNICIPAL USE.	20
⊗	HUNTER MP STRIP PROS-06-PRS40-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PRS40 BODY, LST-VOVSY LEFT STRIP, SST-BROWN SIDE STRIP, RST-COPPER RIGHT STRIP.	48	X	GATE VALVE/ISOLATION VALVE	1
⊗	HUNTER MP1000 PROS-06-PRS40-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PRS40 BODY, M-MAROON ADJ ARC 90 TO 210, L-LIGHT BLUE 210 TO 270 ARC, O-OLIVE 360 ARC.	170	⊗	HUNTER ICV-G 2" PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET FOR COMMERCIAL/MUNICIPAL USE.	1
⊗	HUNTER MP2000 PROS-06-PRS40-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PRS40 BODY, K-BLACK ADJ ARC 90-210, G-GREEN ADJ ARC 210-270, R-RED 360 ARC.	95	⊗	FEBCO 550 2" DOUBLE CHECK BACKFLOW PREVENTION.	1
⊗	HUNTER MP3000 PROS-06-PRS40-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PRS40 BODY, B-BLUE ADJ ARC 90-210, Y-YELLOW ADJ ARC 210-270, A-GRAY 360 ARC.	131	⊗	HUNTER A2C-3000-M 30-STATION CONTROLLER WITH THREE (3) A2M-600 MODULES IN AN OUTDOOR GRAY STEEL WALL MOUNT ENCLOSURE.	1
⊗	HUNTER MP00SR PROS-06-PRS40-CV TURF ROTATOR, 6" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PRS40 BODY, ADJ-ORANGE AND GRAY (ARC 90-210), 360-LINE GREEN AND GRAY (ARC 360).	43	⊗	HUNTER WR-CLK RAIN SENSOR, INSTALL WITHIN 1000 FT OF CONTROLLER, IN LINE OF SIGHT. 22-28 VAC/VDC, 100 MA POWER FROM TIMER TRANSFORMER. MOUNT AS NOTED.	1
⊗	TORO 570S-FB-PC PRESSURE-COMPENSATING FLOOD BUBBLER NOZZLE, 0.25GPM.	59	⊗	HUNTER HFS-150 FLOW SENSOR FOR USE WITH ACC CONTROLLER, 1-1/2" SCHEDULE 40 SENSOR BODY, 24 VAC, 2 AMP.	1
⊗	HUNTER IC2-101-25 DRIP CONTROL ZONE KIT, 1" ICV GLOBE VALVE WITH 1" HY100 FILTER SYSTEM, PRESSURE REGULATION, 25PSI, FLOW RANGE: 2 GPM TO 20 GPM, 150 MESH STAINLESS STEEL SCREEN.	3	⊗	WATER METER 2"	1
⊗	AREA TO RECEIVE DRIP LINE NETAFIM TLD-06-18	1,317 L.F.	⊗	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	10,627 L.F.
			⊗	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21	2,144 L.F.
			⊗	PIPE SLEEVE: PVC SCHEDULE 40	592.1 L.F.



NOTE:
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ABOVE QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR TO CONFIRM ALL QUANTITIES PRIOR TO BIDDING.

REFERENCE MAXIMUM LATERAL DRIPLINE CHART TO DETERMINE MINIMUM NUMBER OF POINTS OF CONNECTION PER DRIP LINE ZONE.

WHERE LAYOUT FLEXIBILITY EXISTS CENTER FEED LAYOUTS MUST BE USED. THIS ALLOWS FOR EVEN FLOW OF WATER THROUGH THE ZONE.

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ADDENDUM #5	10/24/2019	KU
ADDENDUM #6	12/11/2019	KU
ADDENDUM #8	01/08/2020	KS
ASI-C005	08/06/2020	KU
ASI-C007	06/11/2021	KU
ASI-C008	10/08/2021	KS

Kimley»Horn

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KHA PROJECT	067792503
DATE	10/08/2021
SCALE	AS SHOWN
DESIGNED BY	KAU
DRAWN BY	EC KWS
CHECKED BY	KWS

IRRIGATION PLAN

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 15601 ADDISON RD.
 PREPARED FOR
BLACK FOREST VENTURE

15.67 ACRES
 EDWARD COOK SURVEY
 ABSTRACT NO. 326
 SUBMITTED: 10/23/2019

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SHEET NUMBER
LI 1.02