GENERAL NOTES

1 SHL IS LOCATED IN SECTIONS 16-21 AND 28-30, TOWNSHIP 97N, RANGE 42W
2 TOPOGRAPHIC CONTOURS ARE DEPICTED AT 10' MAJOR AND 2' MINOR INTERVALS
3 HORIZONTAL DATUM NAD 83
VERTICAL DATUM NAVD 88
4 THERE ARE NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS
5 THERE ARE NO OFZ OBJECT PENETRATIONS
6 THE DISTANCE FROM THE HOLD LINE IS MEASURED PERPENDICULAR FROM THE RUNWAY CENTERLINE
7 THE GREEN ASSOCIATED WITH HOLE NO 5 WILL NEED TO BE RELOCATED TO CLEAR THE RUNWAY 24 RPZ

SURVEY CONTROL POINTS

NO	LATITUDE	LONGITUDE	ELEV	DESCRIPTION
200	N 43° 12' 44 73"	W 95° 50' 22 30"	1414 21	BLUE CAP
203	N 43° 12' 45 17"	W 95° 50' 19 59"	1415 73	SET PK NAIL
205	N 43° 12' 48 45"	W 95° 50' 15 47"	1417 23	SET PK NAIL

BENCH MARKS

NO	ELEV	DESCRIPTION
204	1416 87	SE CORNER OF FUEL PUMP

LEGEND

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	PL (E)	
BUILDING RESTRICTION LINE		BRL (U)
RUNWAY PROTECTION ZONE		RPZ (U)
RUNWAY OBJECT FREE AREA		OFA (U)
RUNWAY OBJECT FREE ZONE		OFZ (U)
TAXIWAY OBJECT FREE AREA		TOFA (U)
RUNWAY SAFETY AREA		RSA (U)
BUILDING STRUCTURES		
RUNWAY END IDENTIFIER LIGHTS (REIL)		
THRESHOLD LIGHTS		
RUNWAY EDGE LIGHTS		
WIND INDICATOR		
PRECISION APPROACH PATH INDICATOR (PAPI)		
AIRPORT ROTATING BEACON		
AVIGATION EASEMENT		

MODIFICATIONS TO AIRPORT DESIGN STANDARDS

APPROVAL DATE	AIRSPACE CASE NO	STANDARD MODIFIED	DESCRIPTION
		NONE	

HOLDING POSITION TABLE

HOLDING POSITION	HOLDING TYPE	DISTANCE
HL-1	RUNWAY	200'
HL-2	RUNWAY	200'
HL-3	RUNWAY	250'
HL-4	RUNWAY	250'
HL-5	RUNWAY	200'
HL-6	RUNWAY	250'
HL-7	RUNWAY	250'
HL-8	RUNWAY	250'
HL-9	RUNWAY	200'
HL-10	RUNWAY	200'

SITE ELEVATIONS

NO	ELEVATION	DESCRIPTION
SE-1	1399 03	RAILROAD
SE-2	1399 37	ROAD
SE-3	1407 77	RAILROAD
SE-4	1409 33	ROAD
SE-5	1413 46	RAILROAD
SE-6	1414 00	ROAD
SE-7	1419 74	ROAD
SE-8	1419 56	RAILROAD
SE-9	1419 53	ROAD
SE-10	1420 36	ROAD
SE-11	1419 89	RAILROAD
SE-12	1418 62	RAILROAD
SE-13	1421 52	ROAD
SE-14	1419 67	ROAD
SE-15	1420 33	ROAD
SE-16	1418 62	ROAD
SE-17	1396 19	RIVER
SE-18	1416 27	ROAD
SE-19	1411 16	ROAD
SE-20	1408 02	ROAD
SE-21	1397 54	RIVER
SE-22	1416 19	ROAD
SE-23	1394 49	RIVER
SE-24	1394 05	RIVER
SE-25	1393 77	RIVER
SE-26	1389 13	RIVER
SE-27	1388 13	RIVER
SE-28	1386 85	RIVER
SE-29	1400 27	ROAD

AIRPORT DATA

AIRPORT IDENTIFIER SHL	OWNER CITY OF SHELDON	
CITY SHELDON	COUNTY O'BRIEN	
	EXISTING	ULTIMATE
AIRPORT ELEVATION	1419 2 MSL	1422 0 MSL
AIRPORT REFERENCE POINT	LAT N43° 12' 30" LONG W95° 50' 00"	LAT N43° 12' 33" LONG W95° 49' 49"
MEAN MAX TEMP	86 7 F	86 7° F
AIRPORT NAVAIDS	NDB, GPS, BEACON	NDB, GPS, BEACON
ROTATING BEACON	YES	YES
SEGMENTED CIRCLE	NO	NO
LIGHTED WIND INDICATOR	YES	YES
AIRPORT REFERENCE CODE	ARC B-II	ARC C-II
CRITICAL DESIGN AIRCRAFT	B-II FAMILY	C-II FAMILY

RUNWAY DATA

RUNWAY DATA	RUNWAY 15		RUNWAY 33		RUNWAY 6		RUNWAY 24	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
APPROACH CATEGORY & DESIGN GROUP	B-II	SAME	B-II	SAME		C II		C-II
RUNWAY (LENGTH/WIDTH)	4,199' / 75'	SAME	4,199' / 75'	SAME		5,500' / 100'		5500' / 100'
RUNWAY EFFECTIVE GRADIENT (MAX)	0 16%	SAME	0 16%	SAME		0 50%		0 50%
PERCENT WIND COVERAGE	96 92%	SAME	96 92%	SAME		92 31%		92 31%
RUNWAY LIGHTING (LIRL, MIRL, HIRL)	MIRL	SAME	MIRL	SAME		MIRL		MIRL
RUNWAY MARKING (B, NP, OR P)	NP	SAME	NP	SAME		NP		NP
PAVEMENT MATERIAL	CONCRETE	SAME	CONCRETE	SAME		CONCRETE		CONCRETE
PAVEMENT DESIGN STRENGTH	28,000 S	SAME	28,000 S	SAME		30,000 S, 48,000 D		30,000 S, 48,000 D
RUNWAY SAFETY AREA (LENGTH/WIDTH)	4799' / 150'	SAME	4799' / 150'	SAME		7 500 / 500'		7,500 / 500'
OBJECT FREE AREA (LENGTH/WIDTH)	4799' / 500'	SAME	4799' / 500'	SAME		7 500 / 800'		7,500 / 800'
OBSTACLE FREE ZONE (LENGTH/WIDTH)	4599' / 400'	SAME	4599' / 400'	SAME		5900' / 400'		5900' / 400'
TAXIWAY WIDTH	35'	SAME	35'	SAME		35'		35'
TAXIWAY LIGHTING	MITL	SAME	MITL	SAME		MITL		MITL
APPROACH SURFACE SLOPE	34 1	SAME	34 1	SAME		34 1		34 1
ELECTRONIC AIDS	GPS, AWOS	SAME	NDB, GPS, AWOS	SAME		NDB, GPS, AWOS		NDB, GPS, AWOS
VISUAL AIDS (REIL, VGSI, ETC)	REIL	SAME	REIL	SAME		REIL		REIL
	PAPI - 2L	SAME	PAPI - 2L	SAME		PAPI - 4L		PAPI - 4L
	BEACON	SAME	BEACON	SAME		BEACON		BEACON
APPROACH VISIBILITY MINIMUMS	1 MILE	SAME	1 MILE	SAME		1 MILE		3/4 MILE
PART 77 APPROACH USE TYPE	NPI / C	SAME	NPI / C	SAME		NPI / C		NPI / D
AERONAUTICAL SURVEY TYPE REQUIRED	VG	SAME	VG	SAME		VG		VG
TOUCHDOWN ZONE ELEVATION (TDZE)	1419 24 MSL	SAME	1418 88 MSL	SAME		1419 90		1422 00 MSL
TAKEOFF RUNWAY AVAILABLE (TORA)	4199'	SAME	4199'	SAME		5500'		5500'
TAKEOFF DISTANCE AVAILABLE (TODA)	4199'	SAME	4199'	SAME		5500'		5500'
ACCELERATE STOP DISTANCE AVAILABLE	4199'	SAME	4199'	SAME		5500'		5500'
LANDING DISTANCE AVAILABLE (LDA)	4199'	SAME	4199'	SAME		5500'		5500'

EXISTING BUILDINGS / FACILITIES

ID	DESCRIPTION
1	NORTH HANGAR
2	MAINTENANCE / CONVENTIONAL HANGAR
3	TERMINAL
4	FUEL FARM
5	6-UNIT T-HANGAR
6	6-UNIT T-HANGAR
7	6-UNIT T-HANGAR
8	6-UNIT T-HANGAR

ULTIMATE BUILDINGS / FACILITIES

ID	DESCRIPTION
9	ULTIMATE NORTH HANGAR RELOCATION
10	ULTIMATE SNOW REMOVAL EQUIPMENT BUILDING
11 - 15	ULTIMATE CONVENTIONAL HANGAR
16 - 17	ULTIMATE 6-UNIT T-HANGAR
18	ULTIMATE FUEL FARM
19 - 20	ULTIMATE CORPORATE / CONVENTIONAL HANGAR
21	ULTIMATE TERMINAL
22 - 23	ULTIMATE CORPORATE / CONVENTIONAL HANGAR

FOR APPROVAL BY

CITY OF SHELDON, IOWA — DATE 10/29/13
Scott Wright
City Manager

SUBMITTED BY — DATE 10/14/13
ANDREW C MAYSENT, P E
PROJECT MANAGER
McCLURE ENGINEERING COMPANY

CONDITIONAL APPROVAL

The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated _____ may not be undertaken without prior written environmental approval by the Federal Aviation Administration This approval action does not imply any commitment for Federal funding, or approval of future structures requiring notice under FAR Part 77

Airport Planning Engineer — Date 11/4/13
FAA Central Region

Magnetic Declination (2012)
Annual Change 0°7' W
Source NOAA NCDS

GRAPHIC SCALE 0 200 400 800

ENGINEER	DRAWN BY	SHELDON MUNICIPAL AIRPORT
ACM	TMD	SHL 1510001
CHECKED BY DAA	FIELD BOOK NO FIELDBOOK	JULY 2013

REVISIONS

McCLURE building strong
1360 NW 121st Street
Clive, IA 50325
515-964-1229
fax 515-964-2370

AIRPORT LAYOUT PLAN

SHEET NO 01
01 OF 11