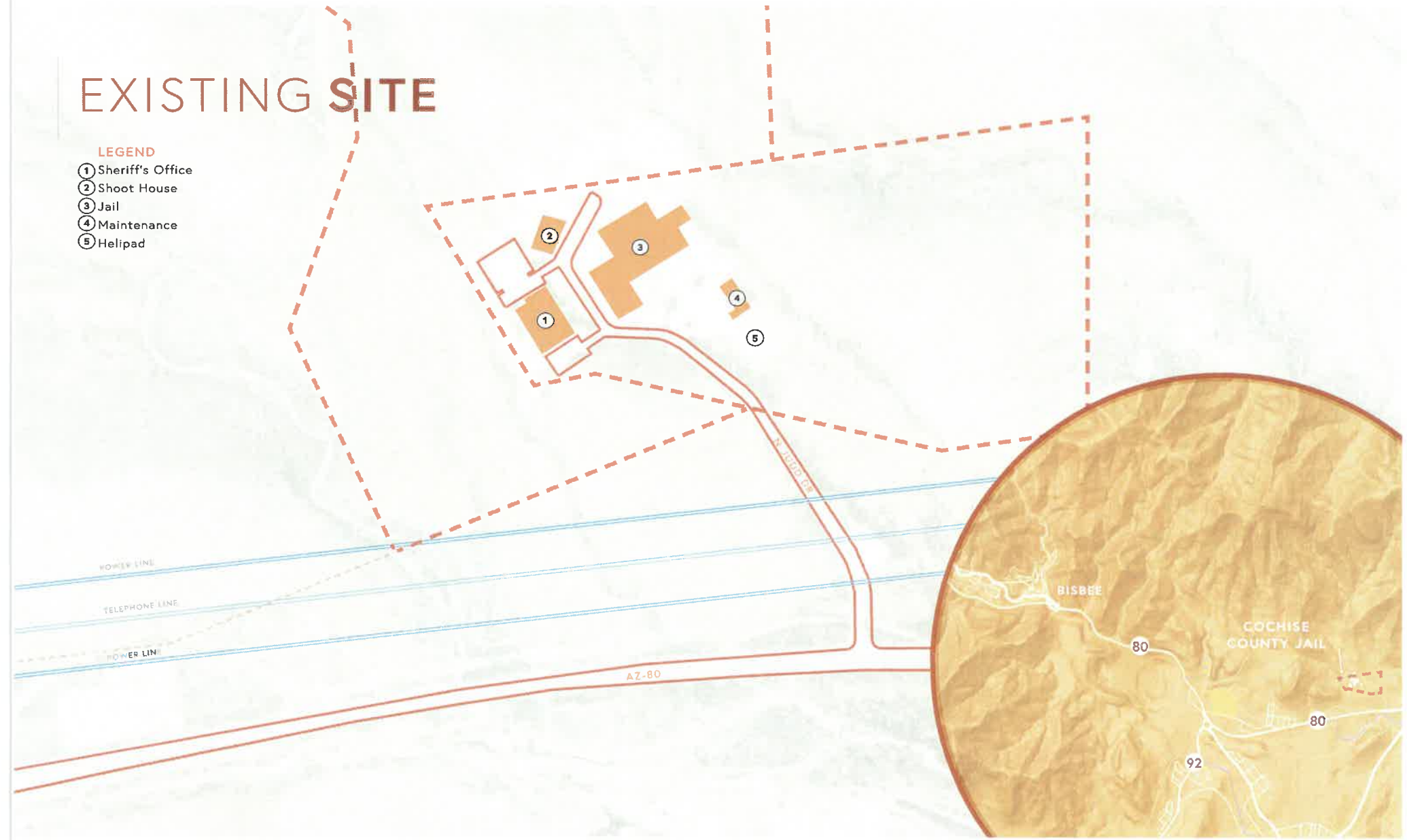


COCHISE COUNTY DETENTION CENTER
DESIGN CONCEPT

EXISTING SITE

LEGEND

- ① Sheriff's Office
- ② Shoot House
- ③ Jail
- ④ Maintenance
- ⑤ Helipad



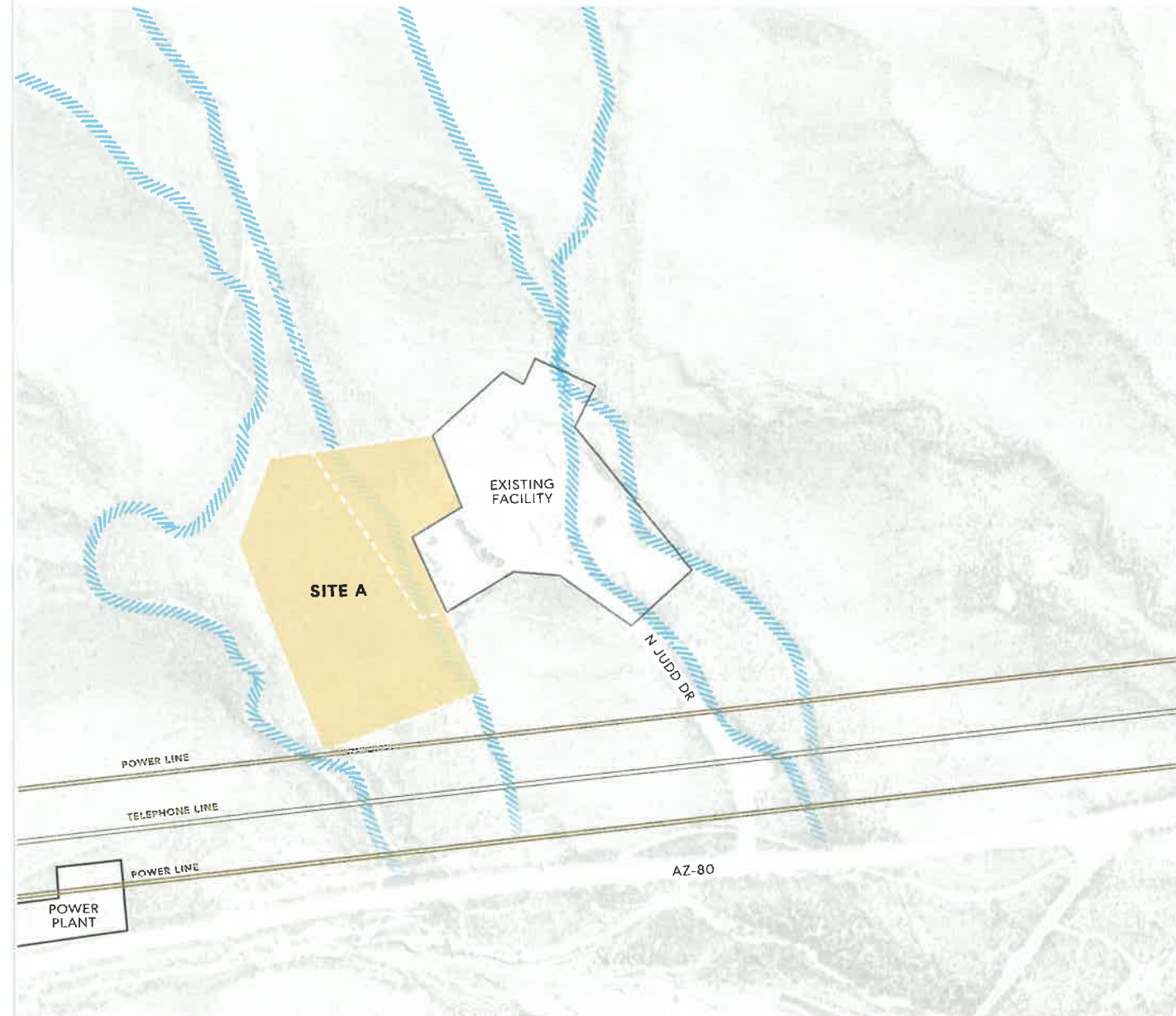
SITE STUDY A

OPPORTUNITIES

- 1) Largest Site Area / Relatively Flat
- 2) Multi-Story reduces construction area resulting in less site work and reduced finished floor transitions
- 3) Site has room for future growth and expansion, including jail sheriff and court
- 4) Successful Public / Private flow
- 5) Direct access for inmate transport to Court
- 6) Two Story Court allows for better separation of inmates and judicial staff during Court transport
- 7) Site has space for private staff outdoor area
- 8) Facility fits within property lines

CHALLENGES

- 1) Two Story Housing requires Stairs and Elevator
- 2) In order to separate public access from private access, an easement will need to be granted
- 3) Small wash cut's through side of new site



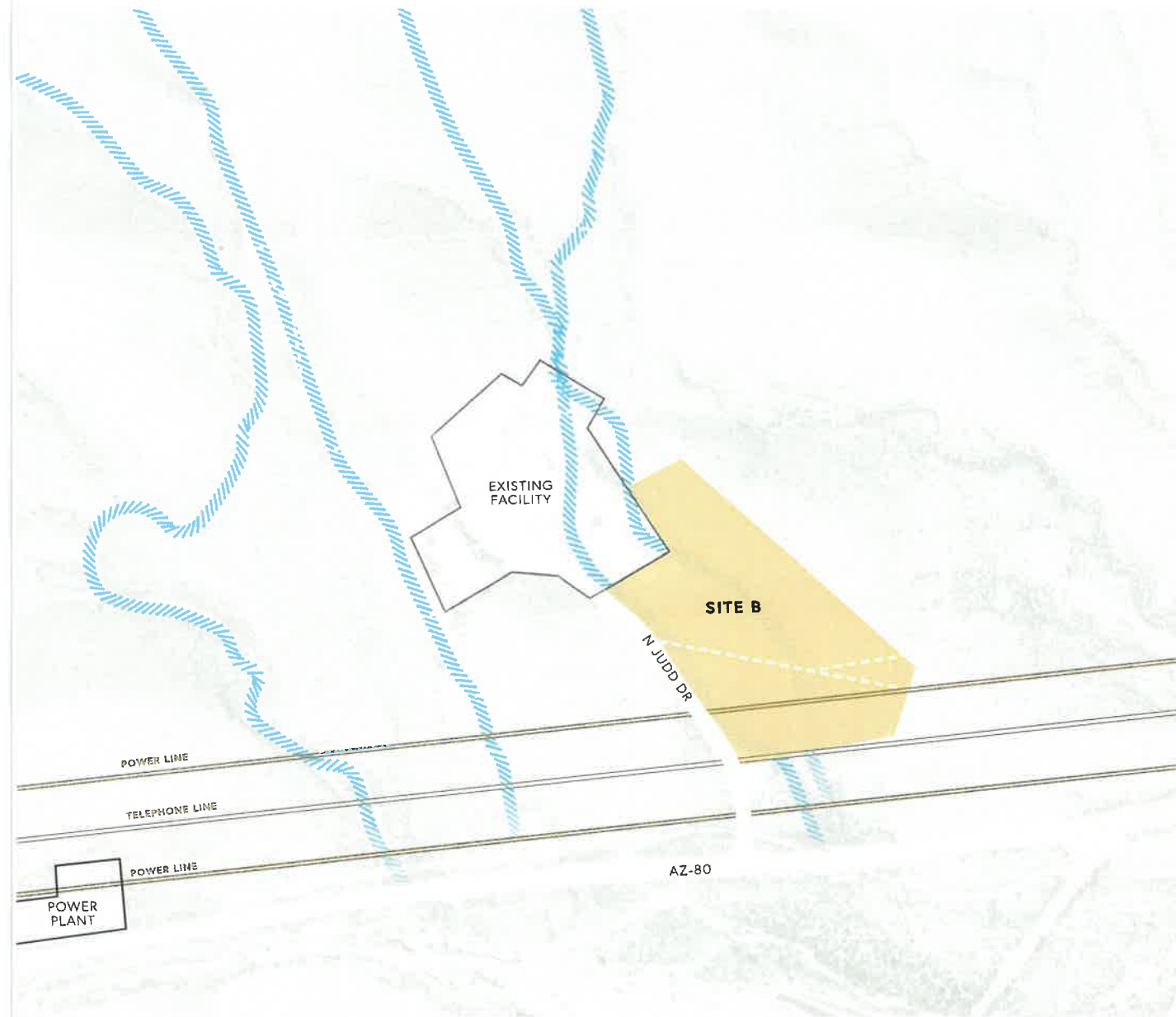
SITE STUDY B

OPPORTUNITIES

- 1) Relatively Flat Site
- 2) Takes up less site with two story housing
- 3) Room for expansion of housing
- 4) Can separate private vs. public access easily
- 5) Can use main road way to access site

CHALLENGES

- 1) Program extends under power lines
- 2) Existing Site Drainage
- 3) Need to relocate Helipad
- 4) Buildings will be close to main access road
- 5) Facility will not fit on own property



PROPOSED SITE

LEGEND

- ① Medical
- ② Juvenile
- ③ Work Release
- ④ Social Services
- ⑤ Visitation
- ⑥ Court and Attorney Services
- ⑦ Sheriff's Office
- ⑧ Booking
- ⑨ Housing - Gen Pop
- ⑩ Housing - Special Custody
- ⑪ Housing - Future Expansion
- ⑫ Public Parking Lot
- ⑬ Private Parking Lot
- ⑭ Existing Sheriff's Building
- ⑮ Existing Shoot House + Range
- ⑯ Existing Impound Lot
- ⑰ Existing Jail to be turned into storage
- ⑱ Existing Maintenance
- ⑲ Existing Helipad
- Secure Gate
- Fire Access



SITE ANALYSIS

LEGEND

- Sun Path
- Property Line
- Prevailing Winds
- Washes
- Views

Elevation | 5,538 ft



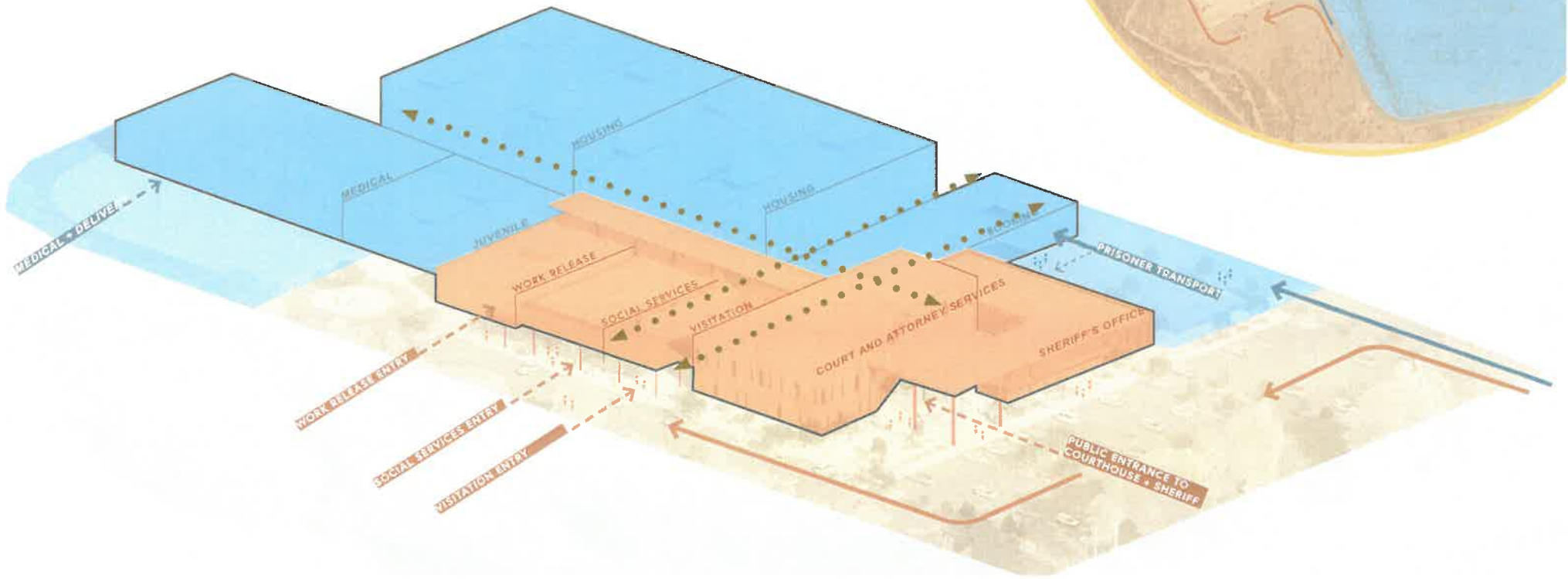
WINTER 59° | 30'
SUNRISE 7:14am
SUNSET 5:21pm

SUMMER 89° | 56'
SUNRISE 5:15am
SUNSET 7:27pm

ACCESS PRIVATE VS PUBLIC

LEGEND

- Public Vehicular Access
- Public Pedestrian Access
- Private Vehicular Access
- Private Pedestrian Access
- Internal Primary Circulation





FIRST LEVEL

SECOND LEVEL

SERVICES

① Warehouse	2,300 sf
② Laundry	2,300 sf
③ Exam rooms	1,200 sf
④ Nurses station	2,200 sf
⑤ Negative Pressure	4,800 sf
⑥ Food Service	3,200 sf
⑦ Building Support	1,600 sf
TOTAL	17,600 sf

JUVENILE

⑧ Juvenile Housing	9,800 sf
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WORK RELEASE

⑨ Work Release	6,200 sf
⑩ Courtyard	3,000 sf
TOTAL	9,200 sf

BOOKING + VISITATION

⑪ Public Lobby	900 sf
⑫ Visitation	700 sf
⑬ Programs	700 sf
⑭ Staff Training	5,600 sf
⑮ Medical Dictation	6,500 sf
⑯ Security Operations	2,000 sf
⑰ Transport/Release	2,300 sf
⑱ Central Control	800 sf
⑲ Intake/Booking	6,500 sf
TOTAL	28,000 sf

HOUSING

⑳ General Population	21,700 sf
㉑ Special Custody	25,700 sf
㉒ Medium	20,600 sf
㉓ Medium Maximum	22,900 sf
TOTAL	90,900 sf

DETENTION

GRAND TOTAL: 153,500 sf

SOCIAL SERVICES

㉔ Secure	6,000 sf
㉕ Community Service	2,000 sf
TOTAL	8,000 sf

Court and Attorney

㉖ Courtyard	1,600 sf
㉗ Public Lobby	2,000 sf
㉘ Attorney	4,600 sf
㉙ Probation	4,000 sf
㉚ Central Plant	2,400 sf
㉛ Court Admin	800 sf
㉜ I.A. Court	4,400 sf
㉝ E.R.C. Court	4,200 sf
㉞ Justice Court	4,300 sf
㉟ Holding Transport	2,300 sf
TOTAL	20,600 sf

SHERIFF'S OFFICE

㊱ Public Lobby	1,000 sf
㊲ Admin	2,900 sf
㊳ Support Services	3,500 sf
㊴ Civil	600 sf
㊵ Records	1,500 sf
㊶ Investigation	1,600 sf
㊷ Patrol	1,800 sf
TOTAL	12,900 sf

**PROGRAM
BLOCKING**

PROBABLE DEVELOPMENT COST

COMPONENT	G.S.F	COST	DETENTION	DETENTION +	DETENTION +	DETENTION +
			OPTION A	SUBSTATION	SUBSTATION +	SUBSTATION +
Detention Building	153,500	66,363,000	66,363,000	66,363,000	66,363,000	66,363,000
Sheriff's Office Building	12,900	3,530,000	-	3,530,000	3,530,000	3,530,000
Courts Building	30,600	10,966,000	-	-	10,966,000	10,966,000
Social Services Building	8,000	1,993,000	-	-	-	1,993,000
Site Work	-	3,100,000	2,200,000	2,500,000	2,900,000	3,100,000
Soft Cost + Contingency's	-	29,277,000	23,618,000	24,864,000	28,564,000	29,277,000
Programed Total Facility Cost	205,000	\$115,229,000	\$92,181,000	\$97,257,000	\$112,323,000	\$115,229,000