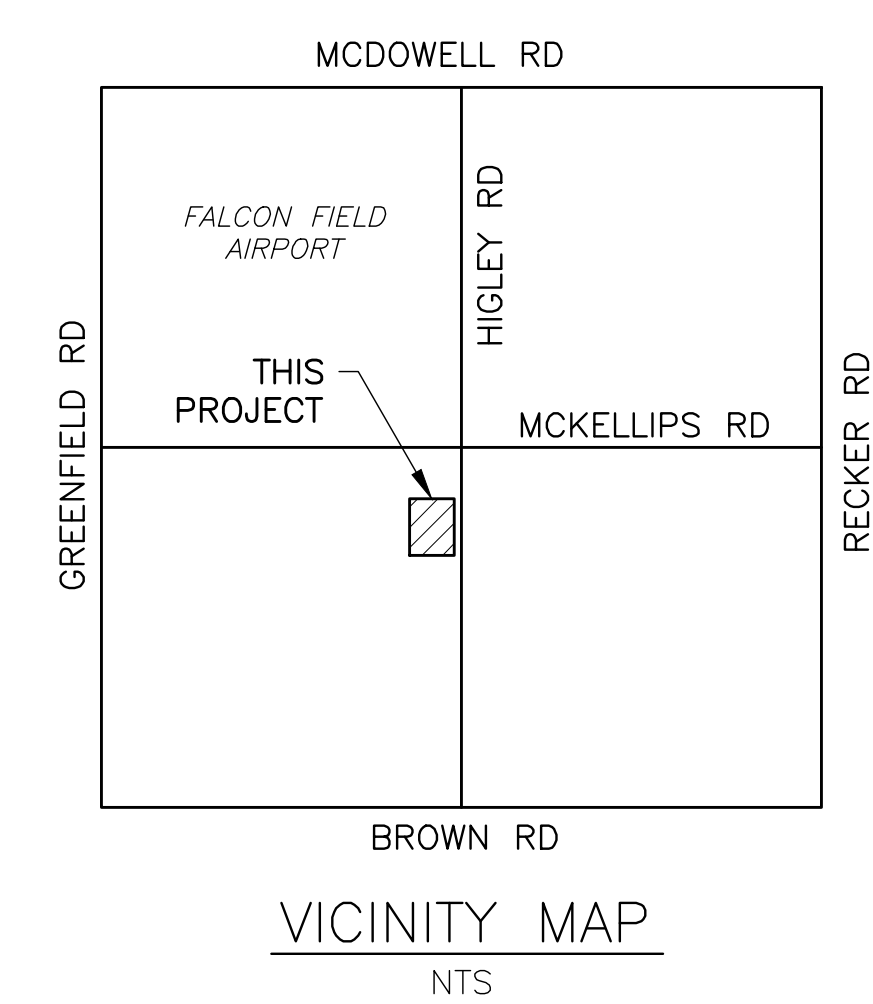




GROSS AREA: 234,872 SF (5.39 AC)
NET AREA: 230,939 SF (5.30 AC)
BUILDING AREA: 83,302 SF

	DIRECTION OF FLOW
	STORM DRAIN
	DRYWELL
BLDG	BUILDING
C	CONCRETE
ESMT	EASEMENT
EX/EXST	EXISTING
FF	FINISH FLOOR
PUE	PUBLIC UTILITY EASEMENT
	PROPERTY LINE
R/W	RIGHT-OF-WAY
TC	TOP OF CURB
VNAE	VEHICULAR NON-ACCESS EASEMENT
DOM	DOMESTIC
	HEADWALL
	RIPRAP
	UNDERGROUND RETENTION
	CATCH BASIN

ON-SITE RETENTION CALCULATIONS
100-YR, 2-HR DESIGN STORM
D₁₀₀=2.15IN PER NOAA14
AREA INCLUDES ADJACENT INGRAM ST RUN-OFF
VOL REQUIRED = [C_{PAVEMENT}X(D/12)X_A_{PAVEMENT}] + [ADJACENT PROPERTY RUN-OFF]
= [0.95x(2.15in/12)x251,975SF] + [584CF]
= 43,472 CF

RETENTION PROVIDED		
BASIN #1	=3,141	CF
BASIN #2	=5,086	CF
BASIN #3	=3,152	CF
BASIN #4	=6,537	CF
BASIN #5	= 580	CF
BASIN #6	=1,496	CF
UG	=23,558	CF
TOTAL VOL	=43,550	CF

SINGLE CURB.....	1,955	LF
CURB AND GUTTER.....	445	LF
VALLEY GUTTER.....	2,521	SF
SIDEWALK.....	6,032	SF
PAVEMENT.....	69,826	SF
CONCRETE PAVEMENT.....	21,717	SF
DRYWELLS.....	2	EA
12" STORM DRAIN.....	138	LF
10' DIA OG RETENTION.....	280	LF
RIPRAP.....	864	SF
HEADWALL.....	4	EA

5937 CY	CUT
13755 CY	FILL
7818 CY	NET FILL (IMPORT)

Contact Arizona 811 at least two full working days before you begin excavation

ARIZONA811

Call 811 or click Arizona811.com

PRELIMINARY
NOT FOR
CONSTRUCTION
OR RECORDING

PRELIMINARY GRADING & DRAINAGE PLAN

PROPOSED INDUSTRIAL BUILDING

COMMERCE CONSTRUCTION CO., L.P.
13191 Crossroads Parkway North
Sixth Floor
City of Industry, California 91746-3497
Telephone: (562) 699-0453
License No. 723302

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