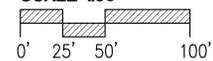


KEY

-  MAJOR PEDESTRIAN CONNECTIONS
-  VEHICLES TO GARAGE
- BICYCLE PARKING**
-  Secured - end of ramp in garage
-  Racks - adjacent to building entry points

TRUE NORTH  REF. NORTH

SCALE 1:50



Jul 19, 2013 - 2:03pm djenkins P:\JayPaul\WfGateway\1-Campus_Gen\9943001\07\Arch\07-Pedestrian_Plan.dwg



Moffett Gateway

Sunnyvale, CA.

Project Number: 9943.001

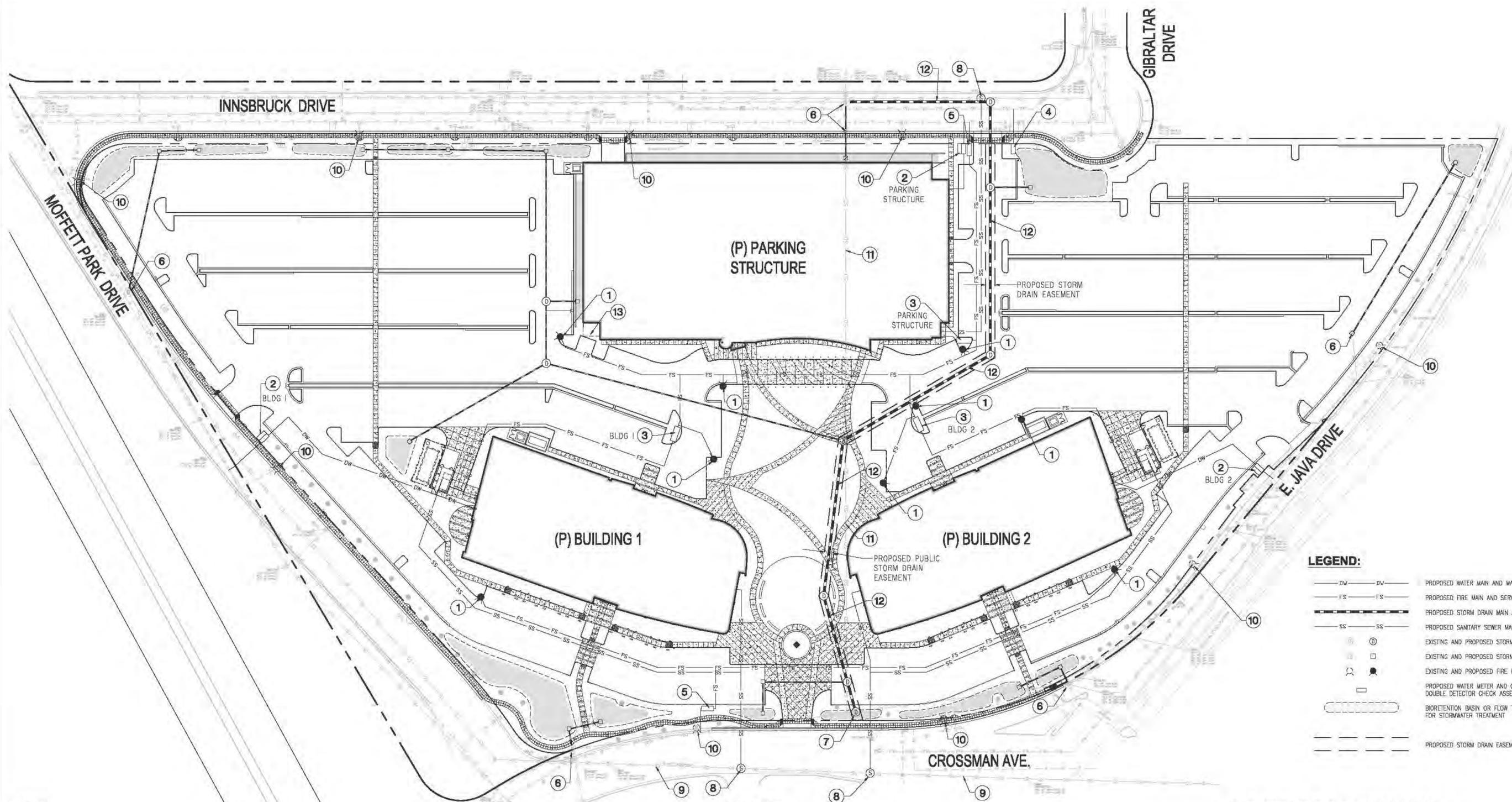
PRELIMINARY PEDESTRIAN AND VEHICLE TO GARAGE CIRCULATION PLAN

PRC - 01.30.2013
 MMPDR - 04.24.2013
 MMPDR - 07.19.2013

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LEGEND:

	DW	PROPOSED WATER MAIN AND WATER SERVICES
	FS	PROPOSED FIRE MAIN AND SERVICES
	SD	PROPOSED STORM DRAIN MAIN AND SERVICES
	SS	PROPOSED SANITARY SEWER MAIN AND SERVICES
		EXISTING AND PROPOSED STORM DRAIN MANHOLE
		EXISTING AND PROPOSED STORM DRAIN CATCH BASIN
		EXISTING AND PROPOSED FIRE HYDRANT
		PROPOSED WATER METER AND CHECK VALVE OR DOUBLE DETECTOR CHECK ASSEMBLY
		BIORETENTION BASIN OR FLOW THROUGH PLANTER FOR STORMWATER TREATMENT
		PROPOSED STORM DRAIN EASEMENT

- NOTES:**
- ALL EXISTING UNDERGROUND FIRE DOUBLE CHECK DETECTOR ASSEMBLY WILL BE REMOVED. THE PROPOSED FIRE DOUBLE CHECK DETECTOR ASSEMBLY TO BE INSTALLED ABOVE-GROUND PER CITY OF SUNNYVALE STANDARD DETAIL 219 ON THE PRIVATE PROPERTY AND ON THE DISCHARGE SIDE OF THE FIRE SERVICE.
 - NO TREE TO BE PLANTED WITHIN 10' OF CITY MAINTAINED SANITARY SEWER MAIN AND LATERALS.
 - THE PROPOSED SANITARY SEWER LATERALS FROM THE CLEANOUT AT PROPERTY TO THE PUBLIC SANITARY SEWER MAIN TO BE MINIMUM 1/4" PER FOOT SLOPE.
 - ALL EXISTING UTILITY LINES AND/OR THEIR APPURTENANCES NOT SERVING OR IN CONFLICT WITH THE PROPOSED PROJECT SITE DEVELOPMENT TO BE CAPPED, ABANDONED, REMOVED, AND RELOCATED AND/OR DISPOSED TO THE SATISFACTION OF THE CITY.
 - ALL PROPOSED ON-SITE DRAINAGE AND SANITARY SEWER SYSTEMS TO BE PRIVATELY OWNED AND MAINTAINED UNLESS OTHERWISE APPROVED BY THE CITY AS PUBLIC SYSTEM. THE FIRE AND DOMESTIC WATER SYSTEMS TO BE PRIVATELY OWNED AND MAINTAINED BEYOND THE METER.
 - ALL EXISTING WATER METERS AND IRRIGATION METERS SERVING THE EXISTING BUILDING WITHIN THE PROJECT SITE WILL BE REMOVED. NEW RADIO-READ DISH TYPE WATER METER WILL BE INSTALLED FOR EACH BUILDING (SIZE TO BE DETERMINED.)
 - THE PROPOSED FIRE HYDRANTS ON THIS EXHIBIT ARE SHOWN LARGER THAN THE ACTUAL SIZE FOR PRESENTATION PURPOSE.
 - ALL PROPOSED STORM DRAIN CATCH BASIN AND STORM DRAIN INLET FACILITIES WILL BE STENCILED WITH THE APPROPRIATE "NO DUMPING" MESSAGE.
 - ALL EXISTING DOMESTIC WATER AND RECLAIMED PIPE ALONG INNSBRUCK DRIVE, MOFFETT PARK DRIVE, CROSSMAN AVE., AND E. JAVA DRIVE ARE PER CITY OF SUNNYVALE SYSTEM MAP. EXACT LOCATION TO BE FIELD VERIFIED.

- KEYNOTES:**
- PROPOSED FIRE HYDRANT
 - PROPOSED DOMESTIC WATER METER AND DUAL BACKFLOW PREVENTOR ASSEMBLY, CONNECTING TO EXISTING DOMESTIC WATER MAIN.
 - PROPOSED POST INDICATOR VALVE, CHECK VALVE AND FIRE DEPARTMENT CONNECTION.
 - PROPOSED IRRIGATION METER AND BACKFLOW PREVENTOR ASSEMBLY. CONNECT TO EXISTING RECLAIMED WATER MAIN.
 - PROPOSED ABOVE-GROUND DOUBLE DETECTOR CHECK ASSEMBLY FOR FIRE SERVICE. CONNECT PROPOSED FIRE SERVICE TO EXISTING DOMESTIC WATER MAIN.
 - CONNECT PROPOSED STORM DRAIN PIPE TO EXISTING STORM DRAIN MANHOLE OR CATCH BASIN.
 - INSTALL PROPOSED STORM DRAIN MANHOLE ON EXISTING STORM DRAIN MAIN.
 - INSTALL PROPOSED SANITARY SEWER MANHOLE ON EXISTING SANITARY SEWER MAIN.
 - EXISTING SANITARY SEWER PIPE, MANHOLE AND PIPE INVERTS ALONG CROSSMAN AVE. ARE SHOWN PER CITY OF SUNNYVALE SYSTEM MAP. EXACT LOCATION TO BE FIELD VERIFIED.
 - EXISTING FIRE HYDRANT TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
 - EXISTING PUBLIC 30" STORM DRAIN PIPE TO BE REMOVED.
 - PROPOSED PUBLIC 30" STORM DRAIN.
 - CANDIDATE LOCATION FOR PROPOSED FIRE PUMP AND WATER TANK.

PRELIMINARY CALCULATIONS FOR PUBLIC STORM DRAIN PIPE RELOCATION:

EXISTING CONDITION:
 APPROXIMATELY 647 LF OF (E) 30"SD (RCP, n=0.013), AVERAGE SLOPE=0.2%± (PER TOPOGRAPHIC SURVEY), MAXIMUM CAPACITY = 18.34 CFS

PROPOSED CONDITION:
 APPROXIMATELY 858 LF OF (P) 30"SD (HDPE, n=0.01), AVERAGE SLOPE=0.16%, MAXIMUM CAPACITY = 21.33 CFS

TRUE NORTH

SCALE 1:50
 0' 25' 50' 100'

Jul 18, 2013 - 12:31 pm E:\04 - Jay Paul (Moffett Gateway) \Complete_Gen\9943.001\DWG\Civil\08-UTIL.dwg



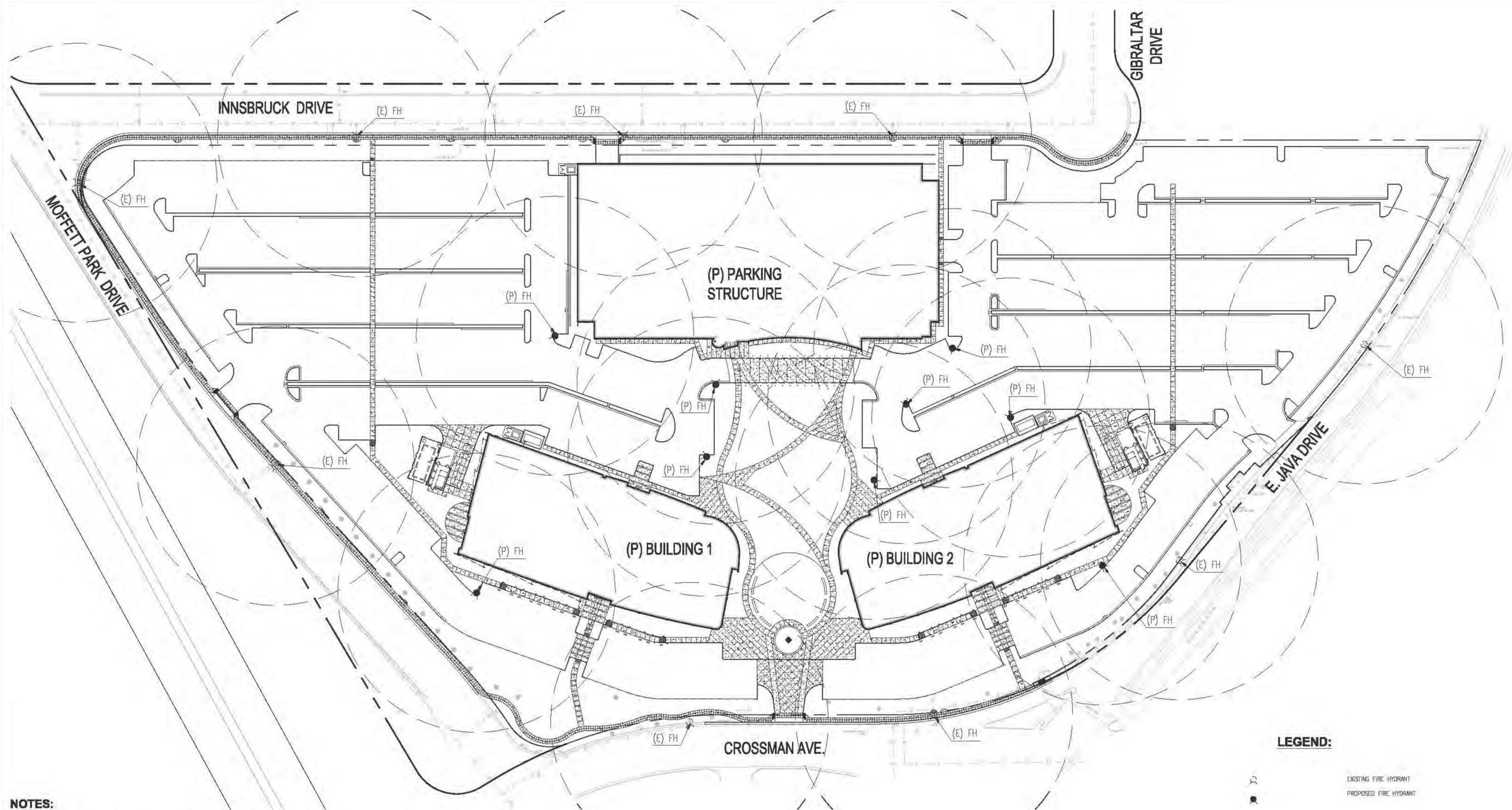
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PRELIMINARY UTILITY PLAN
 MMPDR - 04.24.2013
 RESUBMITTAL - 07.19.2013

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NOTES:
 1. PROPOSED FIRE HYDRANTS ON THIS EXHIBIT ARE SHOWN LARGER THAN THE ACTUAL SIZE FOR PRESENTATION PURPOSE.

ABBREVIATIONS:
 (P) PROPOSED
 (E) EXISTING
 FH FIRE HYDRANT

LEGEND:

- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- (P) OR (E) FIRE HYDRANT WITH 150' RADIUS CIRCLE INDICATING ITS COVERAGE

SCALE 1:50
 0' 25' 50' 100'

TRUE NORTH **REF. NORTH**

Jul 18, 2013 - 12:36pm E:\08 - P:\JayPaul\MoffGateway\Comp\Comp_Cover\0843001\Draw\Civil\08-Fire.dwg



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PRELIMINARY FIRE HYDRANT COVERAGE PLAN
 MMPDR - 04.24.2013
 RESUBMITTAL - 07.19.2013

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