

	PROPERTY LINE
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED DRAINAGE SWALE
	LIMITS OF DISTURBANCE
	PROPOSED DRAINAGE FLOW DIRECTION
	EXISTING / PROPOSED MANHOLE
	EXISTING / PROPOSED CATCH BASIN
	EXISTING / PROPOSED END SECTION

ON-SITE STORMWATER WILL GENERALLY BE COLLECTED VIA SHEET FLOW TO A SERIES OF CATCH BASINS. THE UNCOLLECTED STORMWATER WILL THEN BE CONVEYED TO THE 1-90 CHICAGO EXPRESSWAY REGIONAL DETENTION BASIN OWNED BY THE CITY OF WESTLAKE THROUGH A CONNECTION TO AN EXISTING CATCH BASIN ON THE EAST SIDE OF CROCKER ROAD NEAR THE NORTHWEST CORNER OF THE PROPERTY. ROOF DRAINAGE WILL DISCHARGE TO THE STORMWATER COLLECTION SYSTEM VIA DOWNSPOUTS. ON-SITE DETENTION IS NOT ANTICIPATED AS IMPERVIOUS AREA AND STORMWATER RUNOFF WILL BE REDUCED AS A RESULT OF THE PROPOSED DEVELOPMENT (SEE SUMMARY BELOW).

TOTAL LEASE AREA: ±1.12 ACRES
EXISTING CONDITIONS:
 IMPERVIOUS AREA: ±0.64 ACRES (57.1%)
PROPOSED CONDITIONS:
 IMPERVIOUS AREA: ±0.62 ACRES (55.4%)

1. FOR ADDITIONAL INFORMATION REFERENCE THE STANDARD NOTES SHEET, STANDARD DETAIL(S), AND ANY MUNICIPALITY AND/OR JURISDICTIONAL DETAILS ATTACHED TO THIS PLAN SET.
2. ALL ELEVATIONS SHOWN ARE TOP OF PAVEMENT/FINISH GRADE UNLESS OTHERWISE NOTED.
3. PROPOSED ELEVATIONS FOR STRUCTURES ARE:
HYDRANT = BASE FLANGE
VALVE/MANHOLE/CLEANOUT = RIM
CATCH BASIN/INLET = RIM/FLOW LINE

*IMPERVIOUS AREA CALCULATIONS ANALYZE THE LEASE AREA ONLY AND NOT THE OVERALL PARCEL.

ODOT JURISDICTION

CITY JURISDICTION

PROVIDE CORE-DRILLED CONNECTION TO EXISTING CATCH BASIN IN ACCORDANCE WITH CITY OF WESTLAKE REQUIREMENTS. CONTRACTOR SHALL FIELD VERIFY EXISTING STRUCTURE SIZE, MATERIAL, AND CONDITION PRIOR TO CONSTRUCTION.

**STORMWATER
OUTFLOW PER CITY OF
WESTLAKE STANDARDS
& SPECIFICATIONS**

RE-ROUTE EXISTING 21" STORM
SEWER. GROUT AND SEAL EXISTING
INVERT PER CITY OF WESTLAKE
STANDARDS & SPECIFICATIONS.
PHASE RE-ROUTING TO MAINTAIN
EXISTING DRAINAGE PATTERNS
DURING CONSTRUCTION

EAGLE AERIE MGMT LLC
AFN 202204080727 C.C.R.
PPN 211-27-005

BENCHMARK #1:
RIM GRADE OF STORM STRUCTURE 7
(SEE ALTA SURVEY)
ELEVATION: 682.20 (NAVD88)

C02

CONCEPT PLAN - NOT FOR CONSTRUCTION