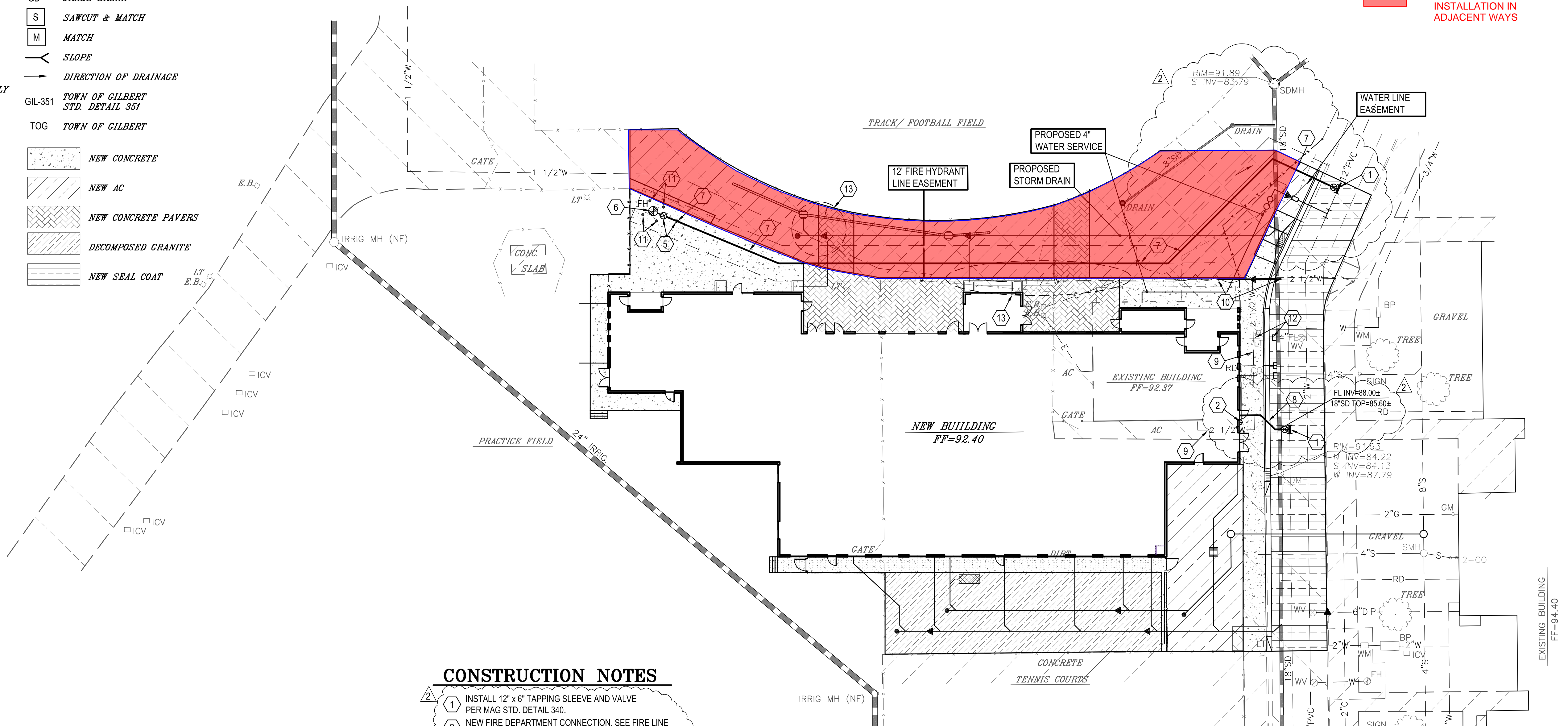


LEGEND

	EXISTING BUILDING w/ AWNING		FIRE HYDRANT
	EXISTING PAVEMENT		WATER VALVE
	EXISTING CONCRETE		BACKFLOW PREVENTION ASSEMBLY
	EXISTING FENCE		NEW ELEVATION
	EXISTING SEWER LINE	TB	TOP OF CONCRETE PAVERS
	EXISTING SEWER MANHOLE	TC	TOP OF CURB
	WATER VALVE	G	CUTTER
	WATER METER	TD	TOP OF TRENCH DRAIN
	CONCRETE	GB	GRADE BREAK
	FIRE HYDRANT		SAWCUT & MATCH
	LIGHT		MATCH
	IRRIGATION CONTROL VALVE		SLOPE
	FINISHED FLOOR		DIRECTION OF DRAINAGE
	CLEANOUT	GIL-351	TOWN OF GILBERT STD. DETAIL 351
	BACKFLOW PREVENTION ASSEMBLY	TOG	TOWN OF GILBERT
	FIRE LINE		NEW CONCRETE
	CONCRETE		NEW AC
	PAVEMENT		NEW CONCRETE PAVERS
	GRATE		DECOMPOSED GRANITE
	INVERT		NEW SEAL COAT
	ROOF DRAIN		
	STORM DRAIN		
	WATER LINE		
	ELECTRIC BOX		
	FIRE DEPARTMENT CONNECTION		
	CATCH BASIN		
	ASPHALT CONCRETE		
	GAS		
	EXISTING SPOT ELEVATION		
	EXISTING ELEVATION		
	IRRIGATION		
	NOT FOUND		

**UTILITY CROSSINGS
(FIRE, WATER LINES & STORM DRAIN)**
 ALL FIRE LINE, WATER LINES INVERTS= 88.00±
 ALL CLEARANCES WITH STORM DRAIN ARE GREATER THAN 12"
 (STORM DRAIN BEING LOWER).
 SEE GRADING AND DRAINAGE PLAN FOR STORM/ ROOF DRAIN INVERTS

FIRE LINE AND NEW STORM DRAIN INSTALLATION IN ADJACENT WAYS



CONSTRUCTION NOTES

1. INSTALL 12" x 6" TAPPING SLEEVE AND VALVE PER MAG STD. DETAIL 340.
2. NEW FIRE DEPARTMENT CONNECTION, SEE FIRE LINE SPRINKLER PLANS INSIDE BUILDING
3. INSTALL 8" BACKFLOW PREVENTION ASSEMBLY PER TOG STD. DETAIL GIL-351.
4. INSTALL 8" x 6" REDUCER
5. INSTALL 6" VALVE BOX & COVER PER MAG STD. DETAIL 391-1, TYPE "C" & 6" D.I.P.
6. INSTALL FIRE HYDRANT PER MAG STD. DETAILS 360, 362 AND TOG STD. DETAILS GIL-320-1 AND GIL-320-2.
7. INSTALL 6" PVC (C-900) FIRE LINE (INVERT= 88.00).
8. INSTALL 6" PVC (C-900) FIRE SPRINKLER LINE. (INVERT= 88.00±). SEE SPRINKLER LINE PLANS FOR EXACT LOCATION AND CONTINUATION INTO BUILDING.
9. REMOVE EXISTING 2 1/2" WATER LINE AS SHOWN. FILL AND COMPACT TRENCH.
10. LOWER 2 1/2" AND 1 1/2" WATER LINE WITH REDUCER AS SHOWN BELOW NEW 6" FIRE SPRINKLER LINE AND 4" WATER SERVICE (12" MINIMUM SEPARATION).
11. INSTALL 4 GUARD POSTS AS SHOWN PER TOG STD. DETAIL GIL-359.
12. REMOVE PORTION OF EXISTING FIRE SPRINKLER LINE AND PLUG AS SHOWN.
13. RELOCATE AND OR LOWER EXISTING 1 1/2" WATER LINE AS NECESSARY.

FIRE LINE ESTIMATED QUANTITIES

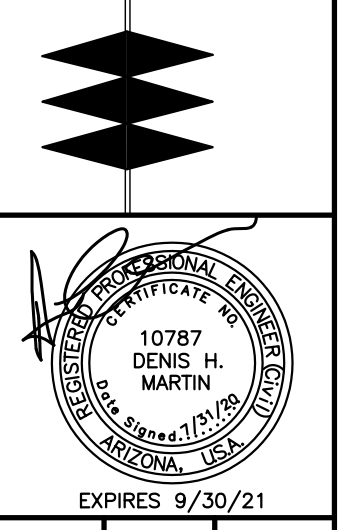
12" x 6" TAPPING SLEEVE & VALVE	2 EA.
6" PVC (C-900) FIRE LINE	265 L.F.
FIRE HYDRANT COMPLETE	1 EA.

ADJUST ALL WATER VALVES, CLEANOUTS, MANHOLES, ETC... TO FINAL GRADE PER M.A.G. AND C.O.P. STANDARD DETAILS. HEAVY-DUTY TRAFFIC RATED FRAME & COVER SHALL BE REQUIRED IN ALL TRAFFIC AREAS.

TBM
 CHISELED "*" ON TOP OF CURB
 ELEVATION = 92.81

1"=20'

MARTIN ENGINEERING & SURVEYING, INC.
 1734 E. FRIER DRIVE, PHOENIX, ARIZONA, 85020 (602)944-5829



Designed	D.H.M.
Drafted	B.C.T.
Checked	D.H.M.

FIRE LINE PLAN FOR WILLIAMS FIELD HIGH SCHOOL FIELD HOUSE GILBERT, ARIZONA 85295

Job No.	41004C
Date	6/16/2020
Revised	7/9/2020
TOWN COMMENTS	

