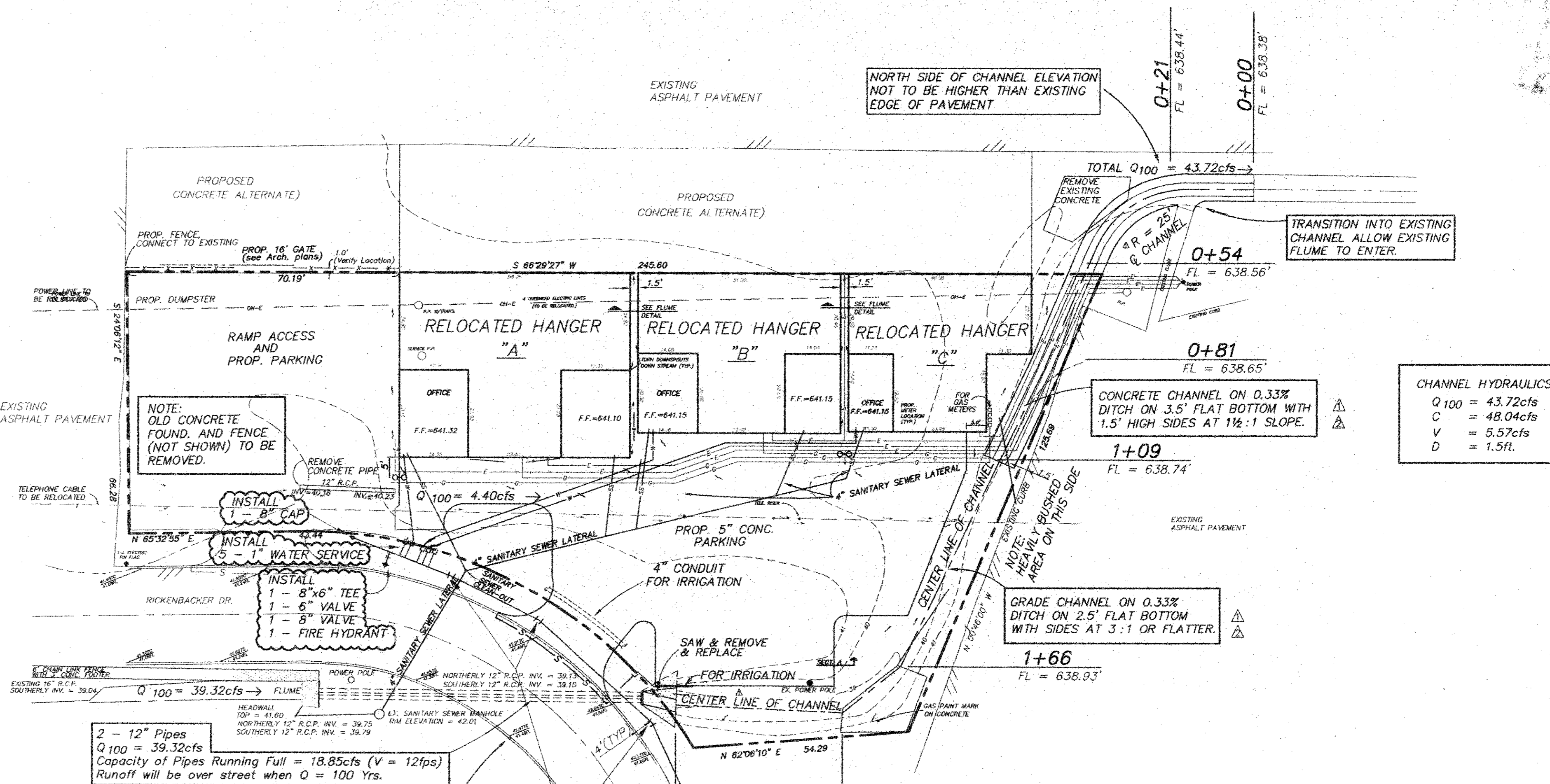
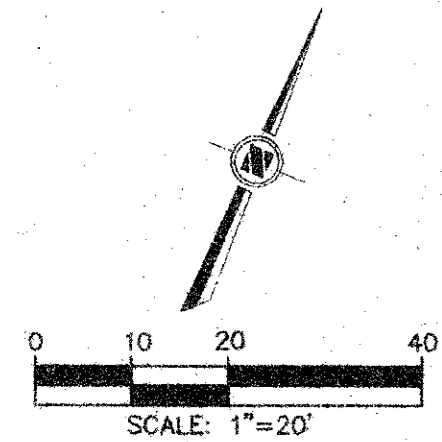


GENERAL NOTES FOR WATER

- ALL WATER MAINS SHALL BE PVC CLASS 200 WATER PIPE.
- ALL WATER MAINS SHALL HAVE A MINIMUM COVER BELOW FINISHED GRADE AS FOLLOWS: 6" & 8" - 48", OR AS REQUIRED TO CLEAR OTHER UTILITIES.
- THE LOCATION OF ALL UTILITIES ARE TAKEN FROM EXISTING PUBLIC RECORDS. THE EXACT LOCATION MUST BE DETERMINED BY THE CONTRACTOR. IT IS THE DUTY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY OTHER FACILITIES (ADDITIONAL), OTHER THAN THOSE ON THE PLANS, MAY BE PRESENT.
- ALL UTILITY TRENCHES UNDER PROPOSED PAVING SHALL BE BACKFILLED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR AFTER PLACING OF PERMANENT PAVING.
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF ADDISON STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "AS-BUILT" PLANS TO THE ENGINEER SHOWING THE LOCATION OF SEWER SERVICE BY DISTANCE TO THE LOT LINES.
- ALL WATER SERVICES SHALL BE 1" COPPER AND LOCATED AS SHOWN, (EXCEPT AS NOTED).
- BACKFLOW PREVENTION ASSEMBLIES ARE TO BE INSTALLED BY THE PLUMBER AFTER THE WATER METER INSTALLATION. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE IN COMPLIANCE WITH THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL STAMP A 2-INCH "S" AND A 2-INCH "W" IN THE CURB AT THE LOCATION OF THE SEWER SERVICE AND WATER SERVICE LINES, RESPECTIVELY.
- PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONVEY A PRE-CONSTRUCTION CONFERENCE BETWEEN THE TOWN OF ADDISON, CONSULTING ENGINEER, CONTRACTOR(S), UTILITY COMPANIES AND ANY OTHER AFFECTED PARTIES. NOTIFY BRUCE ELUS 450-2847 AT LEAST 48-HOURS PRIOR TO BEGINNING OF CONSTRUCTION.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES TO LOCATE EXISTING FACILITIES. THESE INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:

1.) THE TOWN OF ADDISON	6.) TU ELECTRIC
2.) LONE STAR GAS	7.) MCI
3.) SOUTHWESTERN BELL	8.) MFS
4.) TC	9.) SPRINT
5.) HERRON	10.) TCG
- THE CONTRACTOR SHALL SUBMIT MATERIAL SHEETS TO THE TOWN OF ADDISON FOR APPROVAL PRIOR TO INCORPORATING MATERIALS INTO THE JOB.

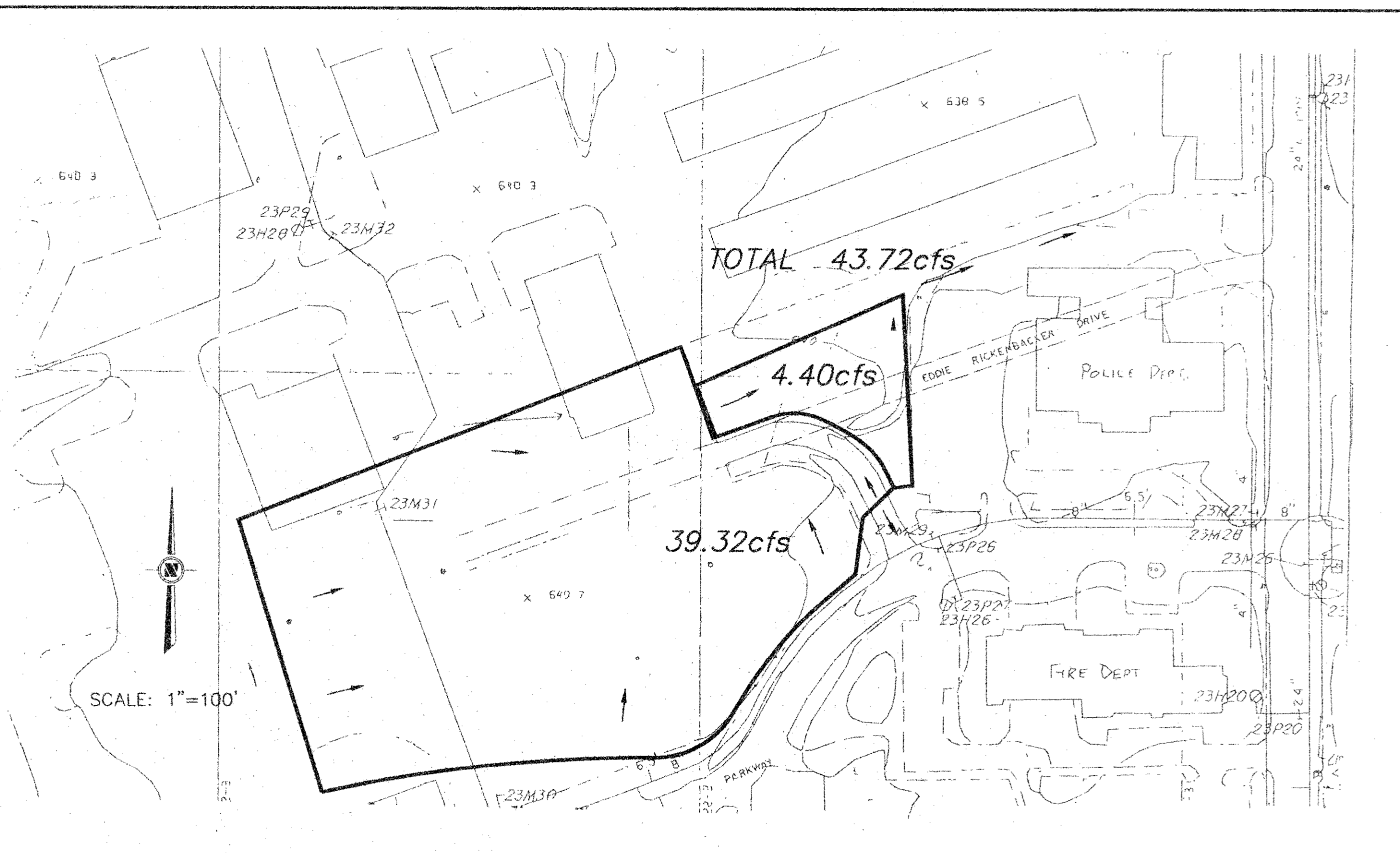


CHANNEL HYDRAULICS

Q ₁₀₀	= 43.72cfs
C	= 48.04cfs
V	= 5.57cfs
D	= 1.5ft.

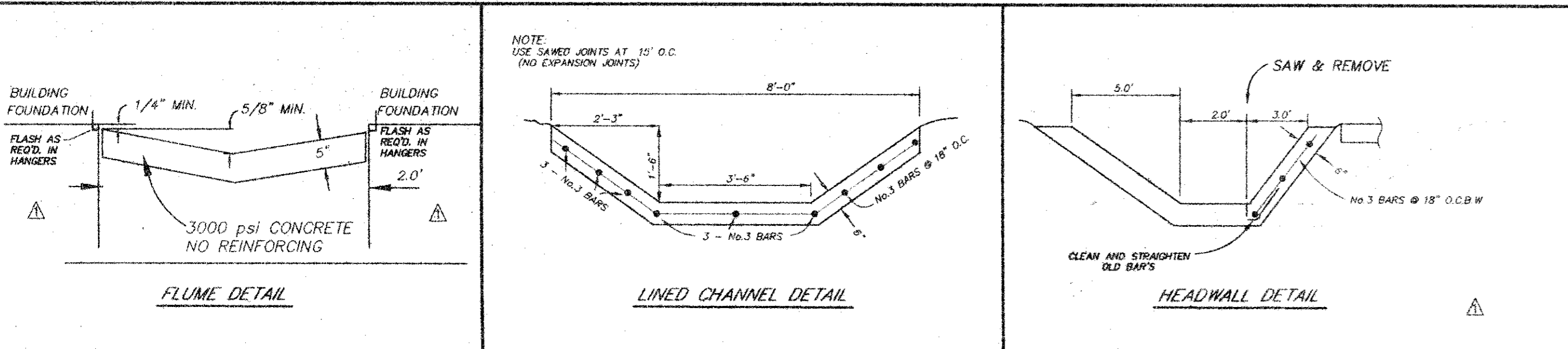
2 - 12" Pipes
 Q₁₀₀ = 39.32cfs
 Capacity of Pipes Running Full = 18.85cfs (V = 12fps)
 Runoff will be over street when Q = 100 Yrs.

BENCH MARK
 ELEVATION = 641.07
 SQUARE CUT ON TOP OF CURB
 MID-POINT OF CURVE ON
 THE SOUTH SIDE OF EDDIE
 RICKENBACKER



SCALE: 1"=100'

ABBREVIATION	DEFINITION
CO	SANITARY CLEAN OUT
CONC.	CONCRETE
EL	ELEVATION
EP	EDGE OF PAVEMENT
F.F.E.	FINISHED FLOOR ELEVATION
F.H.	FIRE HYDRANT
FL	FLOW LINE
GH	GRIP ANCHOR
INVT.	INVERT
I.R.F.	IRON ROD FOUND
M.H.	MANHOLE
P.P.	POWER POLE
SS	SANITARY SEWER
SD	STORM DRAIN
SP	SIDEWALK
TR	TRANSFORMER
TELE	TELEPHONE
U.E.	UNDERGROUND ELECTRIC LINE
G	GAS LINE
→	DRAINAGE ARROW
30.001	PROPOSED ELEVATION



Note:
 To the best of my knowledge and information provided by the contractor this project was constructed to the Town of Addison Standard Specifications.

G.W. Findley
 G.W. Findley P.E., P.L.S.
 10-19-99

NOTE:
 THESE DOCUMENTS &/OR SPECIFICATIONS MAY BE USED FOR PURPOSES AS INDICATED BELOW

<input checked="" type="checkbox"/> COORDINATION & OR PRELIMINARY	<input type="checkbox"/> PERMITTING
<input checked="" type="checkbox"/> BIDDING ONLY	<input type="checkbox"/> CONSTRUCTION

UNDER THE AUTHORITY OF JACK G. COOK III
 PROFESSIONAL ENGINEER

COOK CONSULTANTS, INC.
 CIVIL AND STRUCTURAL ENGINEERING
 LAND SURVEYING AND LAND PLANNING
 12250 Inwood road • suite 10 • dallas, texas 75244
 [972] 387-1890 • 1-800-545-8093 • fax [972] 387-8210

REV. NO.	DATE	DESCRIPTION
11/9/97		CHANNEL CROSS SEC. CHANGED DRAINAGE MAP & CALC.
10/16/97		LINED CHANNEL ADDED, REMOVED 3 - 12" PIPES, ADD F.H.
9/11/97		FOR REVIEW
8/19/97		FOR BIDDING

WATER, WASTEWATER & STORM SEWER PLAN					
326 NEW RICKENBACKER DRIVE					
ADDISON AIRPORT					
ADDISON, DALLAS COUNTY, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE
WF	JEM	10/20/97	1"= 20'	CCI	97048SH2
					97048-2