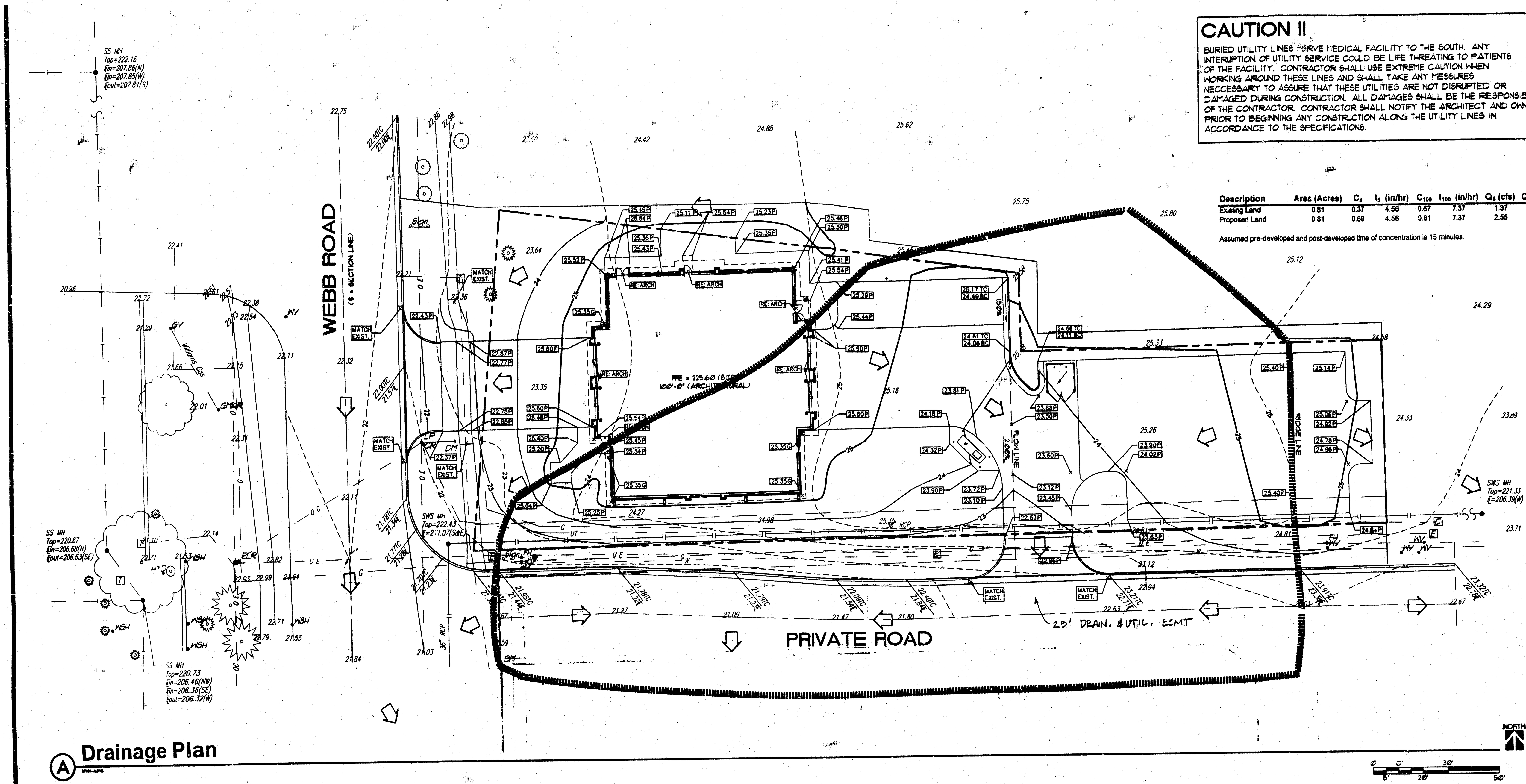
CAUTION !!

BURIED UTILITY LINES SERVE MEDICAL FACILITY TO THE SOUTH. ANY INTERUPTION OF UTILITY SERVICE COULD BE LIFE THREATING TO PATIENTS OF THE FACILITY. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING AROUND THESE LINES AND SHALL TAKE ANY MESSURES NECCESSARY TO ASSURE THAT THESE UTILITIES ARE NOT DISRUPTED OR DAMAGED DURING CONSTRUCTION. ALL DAMAGES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND OWNER PRIOR TO BEGINNING ANY CONSTRUCTION ALONG THE UTILITY LINES IN ACCORDANCE TO THE SPECIFICATIONS.

Description	Area (Acres)	C_5	I_5 (in/hr)	C_{100}	I_{100} (in/hr)	Q_5 (cfs)	Q_{100} (cfs)
Existing Land	0.81	0.37	4.56	0.67	7.37	1.37	4.00
Proposed Land	0.81	0.69	4.56	0.81	7.37	2.55	4.84

Assumed pre-developed and post-developed time of concentration is 15 minutes.



(A) Drainage Plan

GRADING PLAN NOTES:

1. ALL CONSTRUCTION AND MATERIALS SHALL COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS UNLESS OTHERWISE NOTED AND/OR SHOWN ON THE PLANS
2. ALL ELEVATIONS SHOWN ARE BASED ON CITY OF WICHITA DATUM
3. THE CONTRACTOR SHALL CONTACT KANSAS ONE-CALL AT (316) 687-2470, FOR EXISTING UTILITY LOCATIONS, AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION (EXCLUDING WEEKENDS AND HOLIDAYS).
4. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITY LINES. ADJUSTMENTS OF EXISTING UTILITIES REQUIRED TO CLEAR PROPOSED CONSTRUCTION SHALL BE PERFORMED BY THE UTILITY COMPANY(S) DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE ADJUSTMENTS WITH UTILITY COMPANIES CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO UTILITIES. ALL FEES REQUIRED BY UTILITY COMPANIES FOR THE RELOCATION OF EXISTING UTILITIES SHALL BE REIMBURSED TO THE UTILITY COMPANY(S) BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO THE ARCHITECT UPON COMPLETION OF ALL UNDERGROUND UTILITY WORK. AS-BUILTS SHALL INCLUDE ACCURATE HORIZONTAL LOCATION AND ELEVATION ON TOP OF ALL STRUCTURES AND FLOWLINES OF ALL CONDUITS INCLUDING STORM SEWERS, DOMESTIC WATERLINES, FIRE LINES, AND SANITARY SEWER LINES. THIS WORK SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO OTHER ITEMS OF THE CONTRACT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH AND PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY.
7. THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON WEBB ROAD AND THE PRIVATE ROAD AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROL DURING DEMOLITION AND CONSTRUCTION OF DRIVE APPROACHES. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
8. CONTRACTOR SHALL PROVIDE TEMPORARY 4' HIGH FENCE AROUND THE DRIP LINE OF EXISTING TREES TO REMAIN. THIS FENCE SHALL REMAIN INTACT UNTIL THE COMMENCEMENT OF IRRIGATION AND LANDSCAPE WORK.
9. SPOT ELEVATIONS ARE TO TOP OF FINISHED PAVEMENT SURFACE UNLESS OTHERWISE NOTED ON PLANS.
10. BENCHMARK - CHISELED "□" TOP OF CURB, EAST END RETURN, SE CORNER OF WEBB ROAD AND PRIVATE ROAD ELEVATION = 222.05
11. SEE SP3.1 FOR COORDINATE POINT DATA.
12. SEE SP3.1 FOR SITE DEMOLITION AND LAYOUT.

LEGAL DESCRIPTION

BEGINNING AT A POINT ON THE SOUTH LINE AND 50 FEET EAST OF THE SOUTHWEST CORNER OF GOVERNMENT LOT 4 IN SECTION 4, TOWNSHIP 27 SOUTH, RANGE 2 EAST OF THE 6TH P.M.; THENCE BEARING NORTH 88 DEGREES 56' 50" EAST ALONG THE SOUTH LINE OF SAID GOVERNMENT LOT 4 A DISTANCE OF 370.85 FEET; (SAID SOUTH LINE ALSO BEING THE NORTH LINE OF KANSAS SURGERY AND RECOVERY CENTER ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS); THENCE BEARING NORTH 1 DEGREES 03' 10" WEST A DISTANCE OF 70.00 FEET; THENCE BEARING SOUTH 88 DEGREES 56' 50" WEST A DISTANCE OF 145.85 FEET; THENCE BEARING NORTH 1 DEGREES 03' 10" WEST A DISTANCE OF 30.00 FEET; THENCE BEARING NORTH 82 DEGREES 56' 26" WEST A DISTANCE OF 212.60 FEET TO A POINT IN THE EAST LINE OF THE K-96 EXPRESSWAY/WEBB ROAD RIGHT-OF-WAY; THENCE ALONG SAID RIGHT-OF-WAY BEARING SOUTH 5 DEGREES 19' 24" WEST A DISTANCE OF 130.81 FEET TO THE POINT OF BEGINNING.

PROJECT DATA

SITE ZONED:	SF-6
PROJECT AREA:	35,358 SF. OR .81 ACRES
EXISTING IMPERVIOUS AREA:	0 SF.
EXISTING PERVIOUS AREA:	35,358 SF.
PROPOSED IMPERVIOUS AREA:	23,083 SF.
PROPOSED PERVIOUS AREA:	12,275 SF.

GRADING LEGEND

Symbol	Description	Symbol	Description
C	CABLE TV BOX	O C	OVERHEAD CABLE
E	ELECTRIC BOX	O E	UNDERGROUND ELECTRIC
T	TELEPHONE BOX	G	GAS
●	MANHOLE	W	WATER
WV	WATER VALVE	U T	UNDERGROUND TELEPHONE
WSH	WATER SPRINKLER HEAD	SWS	STORM WATER SEWER
GMKR	GAS MARKER	SS	SANITARY SEWER
LP	LIGHT POLE	— —24— —	EXISTING CONTOUR
Sign	SIGN	——24——	PROPOSED CONTOUR
TR	TELEPHONE RISER	00.00P	EXISTING SPOT ELEV.
ELR	ELECTRIC RISER	25.29	PROPOSED SPOT ELEV.
——→	GUY ANCHOR	P	PAVEMENT
FH	FIRE HYDRANT	TC	TOP OF CURB
BM	BENCH MARK	BC	BOTTOM OF CURB
	EXISTING TREE	G	GRADE

⇨ Storm Water Runoff

Basin Boundary

McCLUGGAGE VAN SICKLE & PERRY

FIRE STATION NO. 18
N. WEBB RD.
WICHITA, KANSAS

PDM 7/3/97

Drainage Plan

DATE: JUNE 21, 1997

SHEET SP1.1