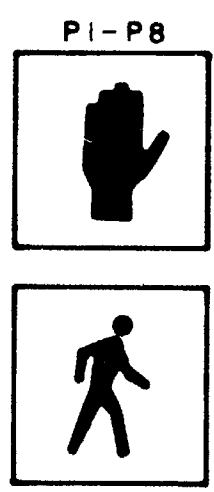
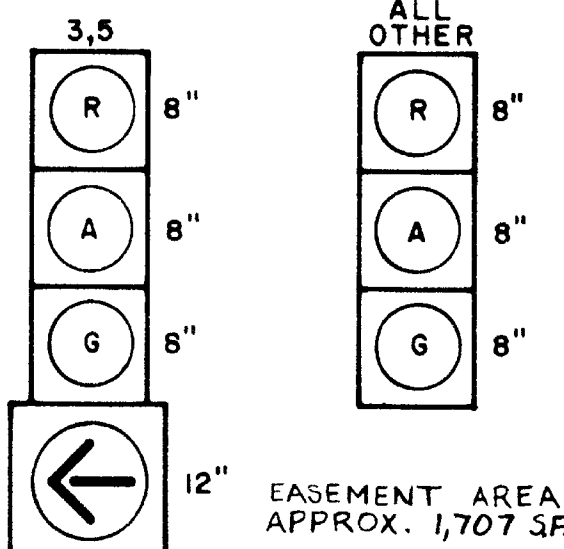


TRAFFIC ENGINEERING	ELECTRICAL ENGINEERING
DESIGNED BY	DATE
C.E.B.	6-7-83
DRAWN BY	NAME
F.C.D.	C.E.B.
CHECKED BY	DATE
J.G.B.	9-9-83
	7-1-83

SEQUENCE & TIMING													
FACE	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	FLASH							
ADV	CL	MIN	CL	CL2	PEL	CL	ADV	CL	INIT	VEH	MAX	CL	CL2
1	R	R	G	A	R	R	R	R	R	R	R	R	R
2	R	R	G	A	R	R	R	R	R	R	R	R	R
3	G	G	A	R	R	R	R	R	R	R	R	R	R
4	G	G	A	R	R	R	R	R	R	R	R	R	R
5	R	R	R	R	R	R	R	R	R	R	R	R	R
6	R	R	R	R	R	R	R	R	R	R	R	R	R
7	R	R	R	R	R	R	R	R	R	R	R	R	R
8	R	R	R	R	R	R	R	R	R	R	R	R	R
PI-P8	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
MIN	4	2	10	3	1	7	10	4	2	3	3	10	3
MAX	15	5	60	5	3	10	25	15	5	6	6	50	5
DIAL 1	5	2	14	4	2	7	11	5	2	4	4	31	4
DIAL 2	7	2	12	4	2	7	11	7	2	4	4	39	4
DIAL 3	7	2	12	4	2	7	11	7	2	4	4	39	4
← YIELD POINT ← FORCE OFF													
P H A S E S													



SIGNAL FACES



- NOTES
- PHASE 2 TO BE ON RECALL.
 - PHASE 2 AMBER TO PLACE CALL ON PHASE 1.
 - TIME FOR PHASE 3 SHALL BE TAKEN EQUALLY FROM PHASE 2 MIN AND PHASE 5 MAX.
 - PHASE 5 DETECTORS SHALL ALSO CALL PHASE 4.
 - CONTROLLER AT THIS LOCATION TO BE INTERCONNECTED TO AND MASTERED BY MASTER AT PARK ROAD AND ARNOLDALE ROAD.
 - CONTROLLER TO BE EQUIPPED WITH MANUAL CONTROL.
 - BOTTOM OF SIGNAL HOUSING TO BE NOT LESS THAN 16 NOR MORE THAN 17 FEET ABOVE ROADWAY.
 - RATE OF FLASHING OPERATION TO BE NOT LESS THAN 50 NOR MORE THAN 60 TIMES PER MINUTE.

STATE	TOWN	FED AID	PROJ. NO.	YEAR	ROUTE	SHEET	TOTAL
CONN	WEST HARTFORD	1X-1155(7)	155-125	1983	—	12	42

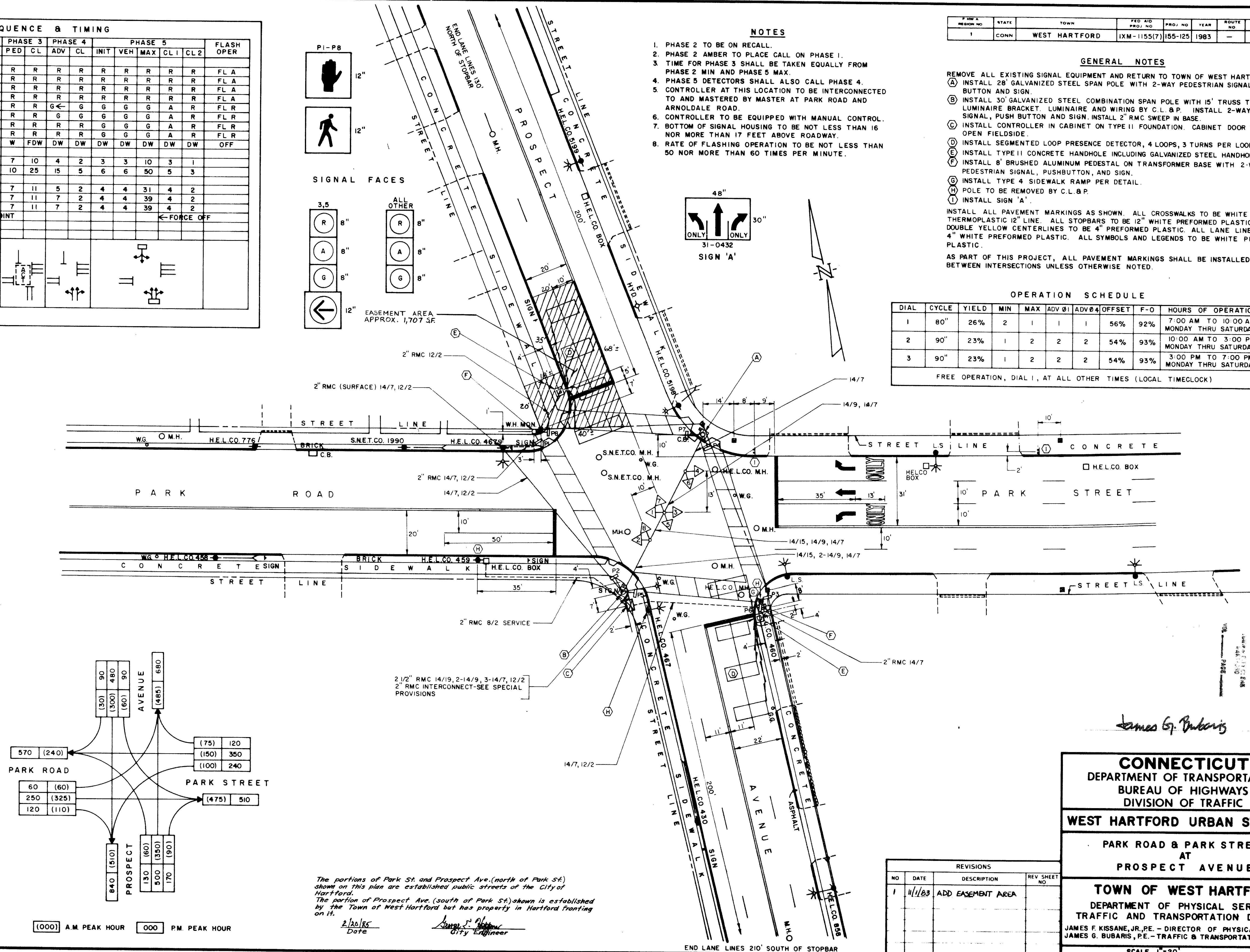
GENERAL NOTES

- REMOVE ALL EXISTING SIGNAL EQUIPMENT AND RETURN TO TOWN OF WEST HARTFORD.
- INSTALL 28' GALVANIZED STEEL SPAN POLE WITH 2-WAY PEDESTRIAN SIGNAL, PUSH BUTTON AND SIGN.
 - INSTALL 30' GALVANIZED STEEL COMBINATION SPAN POLE WITH 15' TRUSS TYPE LUMINAIRE BRACKET, LUMINAIRE AND WIRING BY C.L.B.P. INSTALL 2-WAY PEDESTRIAN SIGNAL, PUSH BUTTON AND SIGN. INSTALL 2' RMC SWEEP IN BASE.
 - INSTALL CONTROLLER IN CABINET ON TYPE II FOUNDATION. CABINET DOOR TO OPEN FIELDSIDE.
 - INSTALL SEGMENTED LOOP PRESENCE DETECTOR, 4 LOOPS, 3 TURNS PER LOOP.
 - INSTALL TYPE II CONCRETE HANDHOLE INCLUDING GALVANIZED STEEL HANDHOLE COVER.
 - INSTALL 8' BRUSHED ALUMINUM PEDESTAL ON TRANSFORMER BASE WITH 2-WAY PEDESTRIAN SIGNAL, PUSHBUTTON, AND SIGN.
 - INSTALL TYPE 4 SIDEWALK RAMP PER DETAIL.
 - POLE TO BE REMOVED BY C.L.B.P.
 - INSTALL SIGN 'A'.
- INSTALL ALL PAVEMENT MARKINGS AS SHOWN. ALL CROSSWALKS TO BE WHITE THERMOPLASTIC 12" LINE. ALL STOPBARS TO BE 12" WHITE PREFORMED PLASTIC. ALL DOUBLE YELLOW CENTER LINES TO BE 4" PREFORMED PLASTIC. ALL LANE LINES TO BE 4" WHITE PREFORMED PLASTIC. ALL SYMBOLS AND LEGENDS TO BE WHITE PREFORMED PLASTIC.
- AS PART OF THIS PROJECT, ALL PAVEMENT MARKINGS SHALL BE INSTALLED CONTINUOUS BETWEEN INTERSECTIONS UNLESS OTHERWISE NOTED.

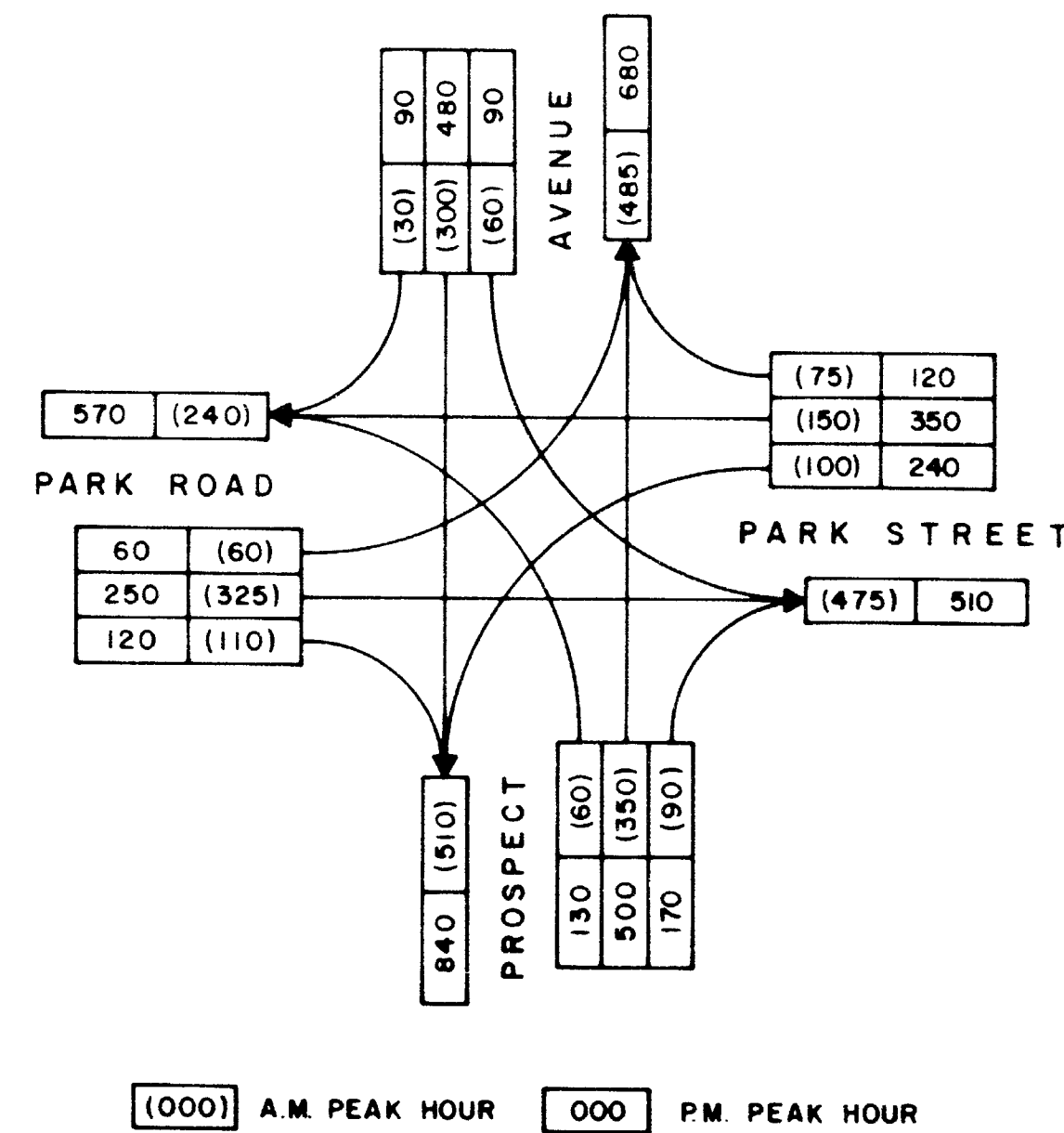
OPERATION SCHEDULE

DIAL	CYCLE	YIELD	MIN	MAX	ADV	OFF	OFFSET	F-O	HOURS OF OPERATION
1	80"	26%	2	1	1	1	56%	92%	7:00 AM TO 10:00 AM MONDAY THRU SATURDAY
2	90"	23%	1	2	2	2	54%	93%	10:00 AM TO 3:00 PM MONDAY THRU SATURDAY
3	90"	23%	1	2	2	2	54%	93%	3:00 PM TO 7:00 PM MONDAY THRU SATURDAY

FREE OPERATION, DIAL 1, AT ALL OTHER TIMES (LOCAL TIMECLOCK)



LEGEND	
	PROPOSED WOOD SPAN POLE
	EXISTING WOOD SPAN POLE
	PROPOSED STEEL SPAN POLE
	EXISTING STEEL SPAN POLE
	PROPOSED UTILITY POLE
	EXISTING UTILITY POLE
	PEDESTAL MOUNTING
	PEDESTRIAN PUSH BUTTON & SIGN
	TRAFFIC SIGNAL FACE & NO.
	PEDESTRIAN SIGNAL FACE
	CONTROLLER
	NON-DIRECTIONAL LOOP VEHICLE DETECTOR
	DET. LEADS IN SAWCUT
	HANDHOLE
	RMC (RIGID METAL CONDUIT)
	STRAIN INSULATOR
	MAGNETOMETER DETECTOR
	MAGNETIC DETECTOR
	PROPOSED MAST ARM ASSEMBLY
	EXISTING MAST ARM ASSEMBLY
	PROPOSED COMBINATION POLE
	EXISTING COMBINATION POLE
(M) INDICATES MAST ARM LENGTH	



The portions of Park St. and Prospect Ave. (north of Park St.) shown on this plan are established public streets of the City of Hartford.

The portion of Prospect Ave. (south of Park St.) shown is established by the Town of West Hartford but has property in Hartford fronting on it.

2/20/85
Date
City Engineer

CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS
DIVISION OF TRAFFIC

WEST HARTFORD URBAN SYSTEMS

**PARK ROAD & PARK STREET
AT
PROSPECT AVENUE**

TOWN OF WEST HARTFORD
DEPARTMENT OF PHYSICAL SERVICES
TRAFFIC AND TRANSPORTATION DIVISION
JAMES F. KISSANE, JR., P.E. - DIRECTOR OF PHYSICAL SERVICES
JAMES G. BUBARIS, P.E. - TRAFFIC & TRANSPORTATION MANAGER

SCALE 1"=20'

