LEGEND

- PUBLIC MAINS
- UNDERGROUND PIPING - SIZE & TYPE DESIGNATED
- UPRIGHT OR PENDENT SPRINKLERS - EXPOSED PIPING
- PENDENT SPRINKLERS - CONCEALED PIPING
- OPEN SPRINKLERS - PIPING AS DESIGNATED
- FLUSH PENDENT SPRINKLERS - CONCEALED PIPING
- DRY PENDENT HEAD - PIPING AS DESIGNATED
- SIDEWALL HEADS - EXPOSED PIPING

GENERAL NOTES

1. SPRINKLER CONTRACTOR SHALL VISIT SITE TO DETERMINE EXISTING CONDITIONS.
2. SPRINKLER CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK OF THE OTHER TRADES.
3. SPRINKLER PIPING IN EXPOSED CEILING AREAS SHALL BE KEPT AS HIGH AS POSSIBLE USING NECESSARY FITTINGS AND AUXILIARY DRAINS TO MAINTAIN MAXIMUM CLEAR HEAD ROOM.
4. AUXILIARY DRAINS SHALL BE PROVIDED WHEREVER NECESSARY.
5. WET SYSTEM SHALL CONSIST OF O. S. & Y. GATE VALVE AND ALARM CHECK VALVE COMPLETE WITH TRIM AND DRAIN, WET RISER, CONNECTION TO WATER MOTOR ALARM GONG.
6. DRY SYSTEM SHALL CONSIST OF O. S. & Y. GATE VALVE, DRY PIPE VALVE COMPLETE WITH TRIM AND DRAIN, DRY RISER.
7. HYDRAULICALLY CALCULATE SYSTEM IN THE STOCK AREA SHALL PROVIDE A DENSITY OF .15 GPM PER SQ. FT. BASED ON ALL SPRINKLERS IN THE MOST REMOTE 2800 SQ. FT. OPERATING. HYD. CALC. SYSTEM IN STOCK AREA OF RETAIL STORE .30 G.P.M. DENSITY TO MOST REMOTE 3600# OPERATING

SPRINKLER HEAD COUNT

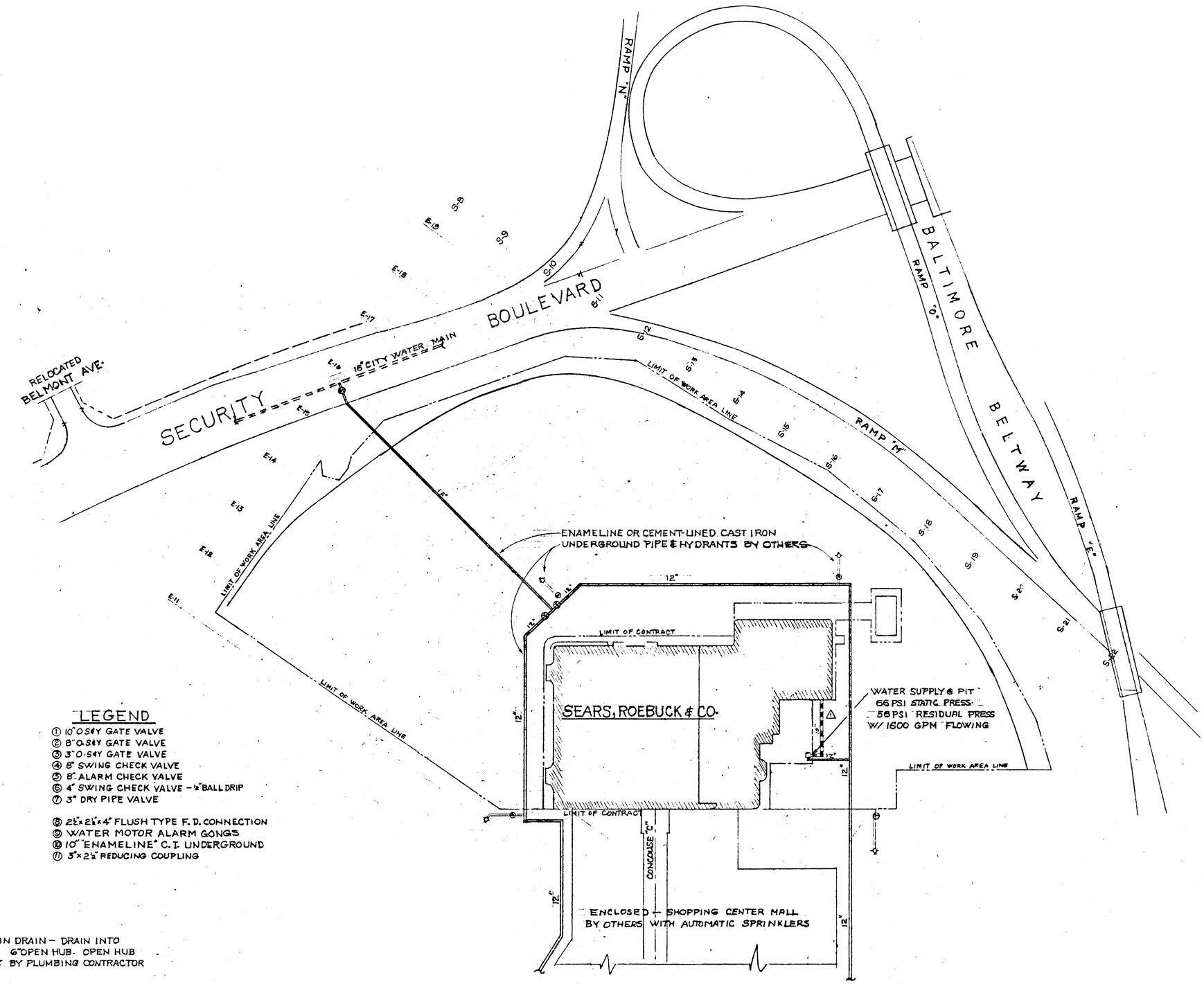
System No.	Area Covered	Pendent Chrome	Pendent Flush	Pendent Dry	Upright	Sidewall	Lead Coated Pendent	Lead Coated Dry Pendent	Other Specs	Total
1	FIRST FL. (25,000#)	58			289	4	6			347
2	FIRST FL. (49,000#)	493	32		25					550
	SECOND FL. (35,000#)	423								423
3	FIRST FL. (45,000#)	253			269				6	528
	SECOND FL. (36,000#)	99	10		265					374
4	FIRST (DRY) (2,800#)		7		2					9
TOTAL (200,800#)		1321	32	17	850	4	6		6	2231

GRAND TOTAL FOR JOB — 9

TEST BLANK LOG

System No.	Blank No.	Size	Location Col. No.	Floor Level	Removal Date
1	1	5"	F-4	FIRST	
1	2	5"	M-4	"	
1	3	3½"	M-7	"	

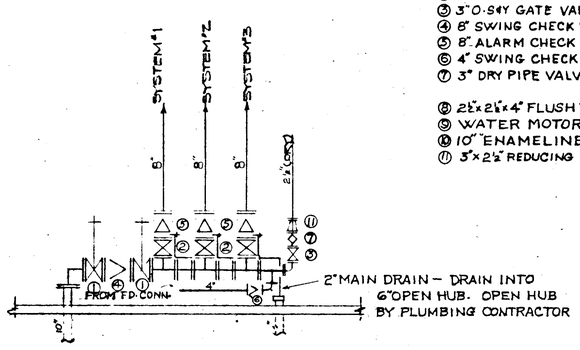
FOR CONTINUATION SEE PLANS



SITE PLAN
SCALE: 1" = 80'

LEGEND

1. 10" O.S&Y GATE VALVE
2. 8" O.S&Y GATE VALVE
3. 3" O.S&Y GATE VALVE
4. 8" SWING CHECK VALVE
5. 8" ALARM CHECK VALVE
6. 4" SWING CHECK VALVE - ½" BALL DRIP
7. 3" DRY PIPE VALVE
8. 2½" x 2½" x 4" FLUSH TYPE F. D. CONNECTION
9. WATER MOTOR ALARM GONGS
10. 10" "ENAMELINE" C. I. UNDERGROUND
11. 3" x 2½" REDUCING COUPLING



RISER DETAIL
SCALE: ¼" = 1'-0"
SEE FP-3

JOB NORTH

ELECTRONIC CONTROL R1634 088 FP1

AS BUILT DRAWING

BOARD OF EXAMINERS AND REGISTRATION OF ARCHITECTS STATE OF MARYLAND 1705-R

Allan B. Mitchell

PREPARED BY
SCHIRRER ENGINEERING CORP.
FIRE PROTECTION CONSULTANTS
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ABM

ALLAN B. MITCHELL and ASSOCIATES ARCHITECTS PITTSBURGH, PA.

SITE PLAN, HEAD COUNT & GENERAL NOTES
RETAIL STORE and 23 CAR AUTO SERVICE
SEARS ROEBUCK & COMPANY
SECURITY SQUARE - BALTIMORE WEST, MARYLAND

SCALE AS SHOWN
DATE JULY 1, 1971
REVISED 1 10-1-71 REV. HEADCOUNT

DRAWING NUMBER FP-1