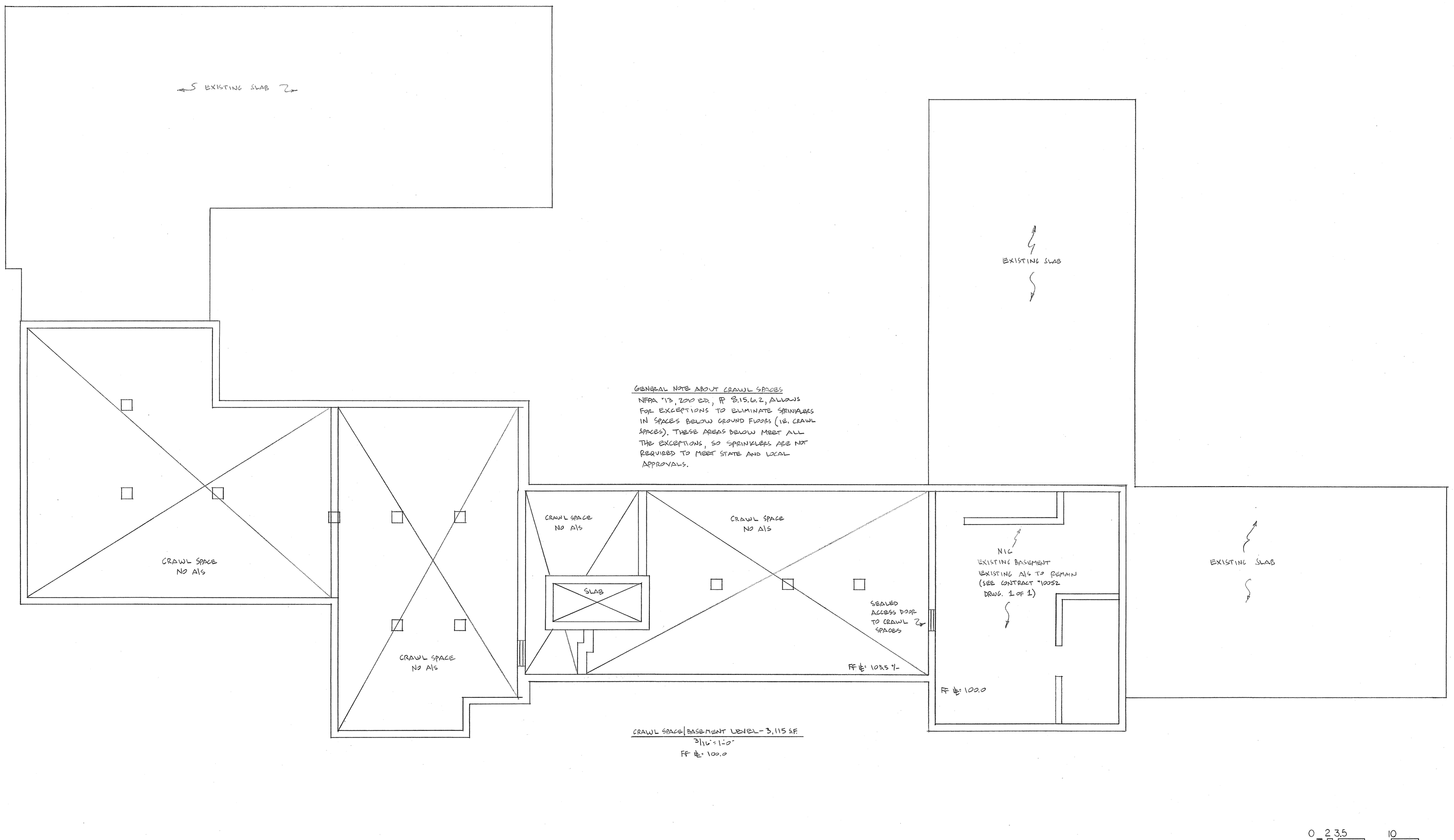



GENERAL NOTE ABOUT CRAWL SPACES

NFPA '13, 2002 ED., ¶ 8.15.6.2, ALLOWS FOR EXCEPTIONS TO ELIMINATE SPRINKLERS IN SPACES BELOW GROUND FLOORS (IE. CRAWL SPACES). THESE AREAS BELOW MEET ALL THE EXCEPTIONS, SO SPRINKLERS ARE NOT REQUIRED TO MEET STATE AND LOCAL APPROVALS.

CRAWL SPACE/BASEMENT LEVEL - 3,115 SF

3/16" = 1'-0"

FF ℄ 100.0

PLEASE SEE CONTRACT #10052 FOR ALL PERTINENT NOTES, SITE PLAN, AND RISER DETAIL

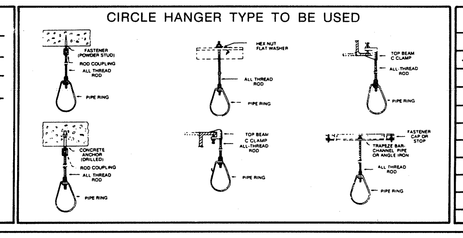
0 2 3.5 10

## HYDRAULIC DESIGN CRITERIA

Density .10 GPM / SF
Remote Area 7 HEAD CALC
K Factor 5.6 Head Size 1" x ½"
Hose Allowance 100 GPM
Water Supply 5-21-2004
Static 79 PSI
Residual 77 PSI
Water Flowing 1677 GPM
Size of Supply 12" CLDI

1. Type of Hazard LIGHT / OH 2 2. Deflector Distance 1"-TO 6"
3. Pipe Type Used BLACK STL. 4. Sprinkler Area 16,759 S.F.
5. Type of Construction COMBUSTIBLE - WOOD FRAME
6. Maximum Spacing Allowed 130 SF, 2005 / 13035
7. PIPE SIZING METHOD: PIPE SCHEDULE ☒ (EXISTING) HYDRAULICALLY CALCULATED ☐ (ROOF SPACES ONLY)
8. ALL HANGERS AND LOCATIONS TO BE IN ACCORDANCE WITH N F P A PAMPHLET NO. 13
9. HIGH DEGREE TEMPERATURE SPRINKLER HEADS TO BE INSTALLED IN ACCORDANCE WITH N F P A PAMPHLET NO. 13

## CIRCLE HANGER TYPE TO BE USED



## HANGERS

| Symbol | Description |
|---|---|
| — / — | 3/8" SAMMY SUPERSCREWS WOOD 0 ST 20 |
| | 3/8" SAMMY SIDEWINDERS WOOD SWS 20 |
| | 3/8" ALL THREAD ROD PIPE RING |

## ABBREVIATIONS

| | |
|---|---|
| B | Bottom of Beam |
| D | Bottom of Deck |
| P | Bottom of Pipe |
| HV | Hose Valve |
| N & C | Nipple and Cap |
| NIC | Not in Contract |
| NTS | Not to Scale |
| OBJ | Open Bar Joists |
| PRV | Pressure Red Valve |
| RM | Roof Manifold |
| SP | Standpipe |
| TOB | Top of Beam |
| TOP | Top of Pipe |
| TOS | Top of Steel |
| UON | Unless Otherwise Noted |
| ℄ | Centerline |
| NAS | No Automatic Sprinklers |
| OTA | Open To Above |

## CONTRACT RESPONSIBILITIES

| ITEM | FPC | OTHERS |
|---|---|---|
| STREET CONN. | | |
| UGD MAIN | | |
| EXCAVATION | | |
| FLUSHING | | |
| WIRING | | |
| PAINTING | | |
| TAMPER SWITCHES | | |
| FLOW SWITCHES | | |
| CUT & PATCHING | | |

## SPRINKLER HEAD LEGEND

SIN #

| SYMBOL | MAKE | MODEL | FINISH | TYPE | TEMP. | N.P.T. | ORIFICE | K-FACTOR | TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| | RELIABLE | F1FRSU | BRASS | QR SSU | 200° | ½" | ½" | 5.6 / RA1925 | 18 |
| | RELIABLE | F1FRSU | WHITE | QR REC BSW | 155° | ½" | ½" | 5.6 / RA1935 | 4 |
| | RELIABLE | F3QR | WHITE | QR REC BSW RSU RSD | 155° | ½" | ½" | 5.6 / RS914 | 58 |
| | RELIABLE | F3QR | WHITE | QR REC BSU RSD | 200° | ½" | ½" | 5.6 / RS914 | 2 |
| | TYCO | RB1 | BRASS | QR PEND | 212° | ½" | ½" | 5.6 / TY3180 | 59 |
| SD | TYCO | SD 1 | BRASS | QR PEND | 212° | ½" | ½" | 5.6 / TY3193 | 4 |
| | | | | | | | | TOTALS | 145 |

## SUBMITTALS

| SENT TO | | |
|---|---|---|
| DATE SENT | | DATE RECEIVED |
| ISO | ☐ | |
| FM | ☐ | |
| LM | ☐ | |
| IRI | ☐ | |
| LA | ☐ | |
| STATE FIRE | ☒ | |
| LOCAL FIRE | ☒ | |
| LOCAL WATER | ☐ | |
| GEN. CONTR. | ☒ | |
| | ☐ | |

LICENSE # 093 PERMIT #
R.M.S. # 278

SPRINKLER SYSTEMS INC.
P.O. BOX 1285
LEWISTON, MAINE
04240

SAGAMORE VILLAGE COMM. BLDG.
21 POPHAM STREET
PORTLAND, MAINE 04102

CONTRACT WITH JARR MGMT

| SYSTEM TYPE | | REVISIONS | | |
|---|---|---|---|---|
| WET | ☐ | NO. | DATE | DESCRIPTION |
| DRY | ☐ | | | |
| DELUGE | ☐ | | | |
| PREACTION | ☐ | | | |
| ME. LIFE | ☐ | | | |

SCALE 3/16" = 1'-0"
DRAWN BY SEG
CHECKED BY SEG
DATE 11-30-12
TOTAL SPKRS ON JOB 145
SHEET # 1 OF 3
JOB # 12074

M120253