

AR SERIES ORGAN  
 EARMARK FOR  
 #11461 - STEVENSON UNITED METHODIST CHURCH, BERLIN, MARYLAND  
 SPECIFICATIONS OF A 7 RANK SERIES 70 ORGAN

2/10

GENERAL

(1) ORGAN

|               |                         |
|---------------|-------------------------|
| Great Organ   | Chamber Installation    |
| Swell Organ   | Chamber Installation    |
|               | Layout will be supplied |
| Action        | Electro-Pneumatic       |
| Wind Pressure | See Pipe Analysis       |
| Pitch         | A-440 @ 70°F            |

(2) CONSOLE

|                |                                        |
|----------------|----------------------------------------|
| Cabinet        | Present                                |
| Wood & Finish  | Present - no change                    |
| Manuals        | Two and Pedal                          |
| Manual Compass | CC to C4, 61 notes - present keyboards |
| Pedal Compass  | COC to G, 32 notes - present keyboard  |
| Stop Controls  | Tilting Tablets - new                  |
| Action         | All Electric - new                     |

(3) BLOWER (located in blower space)

|                        |                                               |
|------------------------|-----------------------------------------------|
| Type                   | 2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet      |
| Wind                   | 440 c.f.m. @ 4"                               |
| Current Specifications | 1 Ph - 60 Cy - 110 Volts - 7.2 Amperes        |
| Overall Size           | 2' - 9-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high |

(4) POWER UNIT (located in organ area)

|                       |                                       |
|-----------------------|---------------------------------------|
| Rating                | DC Output 10-15 Volts, 30 Amperes     |
| Current Specification | 1 Ph - 60 Cy - 110 Volts - 10 Amperes |
| Overall Size          | 14-1/2" L x 10-3/4" W x 7" H          |

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CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

|    |        |                                                                                                                               |           |
|----|--------|-------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1  | 16     | Bourdon-----#1-12 new, #13-85 present, #86-92 new pipes-----                                                                  | 92 pipes  |
| 2  | 8      | Principal-----                                                                                                                | 80 pipes  |
| 3  | 8      | Gedackt -----from #1-----                                                                                                     | 61 notes  |
| 4  | 8      | Gemshorn-----from #13 -----                                                                                                   | 61 notes  |
| 5  | 4      | Octave -----from #2 -----                                                                                                     | 61 notes  |
| 6  | 4      | Gedackt -----from #1 -----                                                                                                    | 61 notes  |
| 7  | 2      | Super Octave-----from #2--(repeat 5 top notes)-----                                                                           | 61 notes  |
| 8  | 2      | Flute-----from #1--(repeat 5 top notes)-----                                                                                  | 61 notes  |
| 9  | III-IV | Mixture-----                                                                                                                  | 183 pipes |
| 10 |        | Chimes-----Present Deagan A tubes, new electric actions,<br>relay, transformer and volume control A to F -<br>#22 to #42----- | 21 tubes  |
| 11 |        | Tremolo                                                                                                                       |           |

SWELL ORGAN (Enclosed)

|    |       |                                                     |          |
|----|-------|-----------------------------------------------------|----------|
| 12 | 8     | Rohrflote-----                                      | 80 pipes |
| 13 | 8     | Gemshorn -----                                      | 80 pipes |
| 14 | 8     | Gemshorn Celeste T.C.-----                          | 49 pipes |
| 15 | 4     | Rohrflote -----from #12-----                        | 61 notes |
| 16 | 4     | Gemshorn -----from #13-----                         | 61 notes |
| 17 | 2     | Rohrflote -----from #12-----                        | 61 notes |
| 18 | 1-1/3 | Quintflote-----from #13--(repeat 12 top notes)----- | 61 notes |
| 19 | 1     | Sifflote -----from #12--(repeat 17 top notes)-----  | 61 notes |
| 20 | 16    | Contra Trumpet -----                                | 80 pipes |
| 21 | 8     | Trumpet-----from #20-----                           | 61 notes |
| 22 | 4     | Clarion -----from #20--(repeat 5 top notes)-----    | 61 notes |
| 23 |       | Tremolo                                             |          |

PEDAL ORGAN

|    |    |                                             |          |
|----|----|---------------------------------------------|----------|
| 24 | 32 | Untersatz----- <i>from # 1</i> -----        | 32 notes |
| 25 | 16 | Principal-----12 pipes, 20 from #2-----     | 32 notes |
| 26 | 16 | Bourdon-----from #1-----                    | 32 notes |
| 27 | 8  | Principal-----from #2-----                  | 32 notes |
| 28 | 8  | Rohrflote-----from <del>#1</del> #12-----   | 32 notes |
| 29 | 4  | Choralbass -----from <del>#18</del> #2----- | 32 notes |
| 30 | 4  | Gedackt -----from #2 #1-----                | 32 notes |
| 31 | 16 | Contra Trumpet-----from #20-----            | 32 notes |
| 32 | 4  | Clarion -----from #20-----                  | 32 notes |

COUPLERS

|    |                |
|----|----------------|
| 33 | Great to Pedal |
| 34 | Swell to Pedal |
| 35 | Swell to Great |

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6

Affecting Pull Organ

PEDAL MOVEMENTS

Great to Pedal Reversible

Tutti Reversible (duplicated by manual piston) with indicator light

Balanced Expression Pedal - Great Organ (8 contacts - make to close)

Balanced Expression Pedal - Swell Organ (8 contacts - make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Present motor and power unit on-off switch with indicator light (amber jewel) and related electrical wiring.

Concave and radiating pedal keyboard (present)

Organ bench with music shelf (present)

Music rack

Music rack light

Pedal light

## PIPE ANALYSIS

| PITCH              | PIPES | SCALE                                                                                                  | HALVING | MOUTH | METAL                | WIND PRESSURE |
|--------------------|-------|--------------------------------------------------------------------------------------------------------|---------|-------|----------------------|---------------|
| <u>GREAT ORGAN</u> |       |                                                                                                        |         |       |                      |               |
| 16                 | 92    | #1-12 new Reg. Manual Bourdon<br>#13-85 present <i>Reg stopped Diapason</i><br>#86-92 new - #86 110 29 |         |       | Wood<br>Wood<br>S.M. | 3-1/2"        |
| 8                  | 80    | CC 52 TC 60                                                                                            | 18-1/2  | 1/4   | 19 Zinc S.M.         | 3-1/2"        |
| III-IV             | 183   | See Formula Below                                                                                      |         |       | S.M.                 | 3-1/2"        |

SWELL ORGAN

|          |      |                             |                                                  |                   |                                               |        |
|----------|------|-----------------------------|--------------------------------------------------|-------------------|-----------------------------------------------|--------|
| 8        | 80   | 56                          | 21-1/2                                           | 2/9               | SM O.S. Chimneys<br>(#19-#62)<br>18 Zinc C.M. | 3-1/2" |
| 8        | 80   | CC 56<br>C 68-1/2<br>#56 98 | 19-1/2<br>19-1/2<br>17-1/2                       | 2/9<br>2/9<br>1/6 | 17 Zinc S.M.                                  | 3-1/2" |
| Celeste  | 8 TC | 49                          |                                                  |                   |                                               | 3-1/2" |
| rompette | 16   | 80                          | 3" CCC to FF half length<br>FF# & up Full length |                   | D(F) Eschallots<br>Zinc & S.M.                | 3-1/2" |

PEDAL ORGAN

|    |    |             |        |     |      |        |
|----|----|-------------|--------|-----|------|--------|
| 16 | 12 | 36-52<br>36 | 18-1/2 | 1/4 | Zinc | 3-1/2" |
|----|----|-------------|--------|-----|------|--------|

## GREAT III-IV MIXTURE FORMULA

|      |       |       |       |       |
|------|-------|-------|-------|-------|
| 15   | 12    | 12    | 12    | 12    |
| 19   | 15    | 15    | 15    |       |
| 22   | 19    | 19    |       |       |
|      | 22    |       |       |       |
| 1-37 | 38-49 | 50-54 | 55-56 | 57-61 |

|        |        |        |           |      |
|--------|--------|--------|-----------|------|
| Unison | 47 Sc. | 17-1/2 | 1/4 mouth | S.M. |
| Quint  | 49 Sc. | 17-1/2 | 1/4 mouth | S.M. |