

AR SERIES ORGAN  
EARMARK FOR  
#11722 - FIRST CHRISTIAN CHURCH, CLIFTON FORGE, VIRGINIA  
SPECIFICATIONS FOR SERIES 80-8 + CELESTE ORGAN  
TO BE COMPLETED JULY 15, 1986  
(ADVANCED TO APRIL 15, 1986)

219  
GENERAL

(1) ORGAN

|                           |                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| Cabinet & Enclosure       | Great - Exposed - Provide Enclosure<br>Swell - Standard Design - Silvite Cabinet -<br>Paint Charcoal Brown |
| Wood & Finish (Enclosure) | Birch, to customer's paint sample                                                                          |
| Action                    | Electro-Pneumatic (unit type)                                                                              |
| Wind Pressure             | See Pipe Analysis                                                                                          |
| Pitch                     | A-440 @ 70°F                                                                                               |

(2) CONSOLE

|                |                                           |
|----------------|-------------------------------------------|
| Cabinet        | Standard Design                           |
| Wood & Finish  | Rift Sawn Oak, to customer's stain sample |
| Manuals        | Two and Pedal                             |
| Manual Compass | CC to C4, 61 notes                        |
| Pedal Compass  | CCC to G, 32 notes                        |
| Stop Controls  | Tilting Tablets                           |
| Action         | All Electric with under-key contacts      |

(3) BLOWER (mounted in organ space)

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Type                  | 2-P-2116 - <sup>1/2</sup> <del>3/4</del> HP - 1750 RPM   |
| Wind                  | 300 c.f.m. @ 4" - 6" outlet                              |
| Current Specification | 3 Phase - 60 Cycles - 240 Volts - <del>3.6</del> Amperes |
| Overall Size          | 2'-5 3/4" x 1'-10 3/8" x 2'-3 1/4" high                  |

(4) POWER UNIT (mounted in organ space)

|              |                                              |
|--------------|----------------------------------------------|
| Rating       | DC Output: 10-15 Volts - 30 Amperes          |
| AC Input     | 1 Phase - 60 Cycles - 120 Volts - 10 Amperes |
| Overall Size | 16-3/4" long x 11" wide x 7-1/4" high        |

\* \* \* \* \*

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

|   |        |                   |                                                                                                               |
|---|--------|-------------------|---------------------------------------------------------------------------------------------------------------|
| 1 | 8      | Principal-----    | 85 pipes                                                                                                      |
| 2 | 8      | Rohrflöte-----    | from #9-----61 notes                                                                                          |
| 3 | 8      | Gemshorn -----    | from #10-----61 notes                                                                                         |
| 4 | 4      | Octave-----       | from #1-----61 notes                                                                                          |
| 5 | 4      | Rohrflöte -----   | from #9-----61 notes                                                                                          |
| 6 | 2      | Super Octave----- | from #1-----61 notes                                                                                          |
| 7 | III-IV | Mixture -----     | 208 pipes                                                                                                     |
| 8 |        | Chimes-----       | Mayland tubes and electric action, relay,<br>transformer, and volume control, A to F,<br>#22-42 -----21 tubes |

SWELL ORGAN (Enclosed)

|    |       |                                                   |          |
|----|-------|---------------------------------------------------|----------|
| 9  | 8     | Rohrflöte-----                                    | 85 pipes |
| 10 | 8     | Gemshorn -----                                    | 85 pipes |
| 11 | 8     | Gemshorn Celeste TC-----                          | 49 pipes |
| 12 | 4     | Rohrflöte -----from #9-----                       | 61 notes |
| 13 | 4     | Gemshorn-----from #10-----                        | 61 notes |
| 14 | 2     | Rohrflöte-----from #9 -----                       | 61 notes |
| 15 | 1-1/3 | Larigot-----from #10--(repeat top 5 notes)-----   | 61 notes |
| 16 | 1     | Sifflöte-----from #9---(repeat 12 top notes)----- | 61 notes |
| 17 | 8     | Trompette-----                                    | 73 pipes |
| 18 | 4     | Clairon -----from #17-----                        | 61 notes |
| 19 |       | Tremolo (Electric)                                |          |

PEDAL ORGAN

|      |     |                                                |          |
|------|-----|------------------------------------------------|----------|
| * 20 | 16  | Bourdon-----12 pipes, 20 from #9-----          | 32 notes |
| 21   | 8   | Principal-----from #1-----                     | 32 notes |
| 22   | 8   | Rohrflöte -----from #9-----                    | 32 notes |
| 23   | 4   | Octave -----from #1 -----                      | 32 notes |
| 24   | 4   | Rohrflöte-----from #9 -----                    | 32 notes |
| 25   | III | Mixture -----from #7-----                      | 32 notes |
| 26   | 16  | Contre Trompette---12 pipes, 20 from #17 ----- | 32 notes |
| 27   | 8   | Trompette-----from #17-----                    | 32 notes |
| 28   | 4   | Clairon-----from #17-----                      | 32 notes |

(\*) Unenclosed

COUPLERS

|    |                |
|----|----------------|
| 29 | Great to Pedal |
| 30 | Swell to Pedal |
| 31 | Swell to Great |

ADJUSTABLE COMBINATIONS

|                      |                      |
|----------------------|----------------------|
| Pistons No. 1-2-3    | Affecting Great      |
| Pistons No. 1-2-3    | Affecting Swell      |
| Toe Levers No. 1-2-3 | Affecting Pedal      |
| Pistons No. 1-2-3-4  | Affecting Full Organ |
| General Cancel       |                      |

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)  
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier with "S" style sharps  
 Organ bench with music shelf  
 Transparent music rack with light  
 Pedal light  
 Motor and power unit on-off switch (lock type) with indicator light (amber jewel) and related electrical wiring.

GENERAL

Supports and panelwork for exposed organ by M.P.Moller, Inc.  
 Final tone finishing in church by head factory finisher.

PIPE ANALYSIS

| STOP | PITCH | PIPES | SCALE | HALVING | MOUTH | REMARKS | WIND PRESS |
|------|-------|-------|-------|---------|-------|---------|------------|
|------|-------|-------|-------|---------|-------|---------|------------|

GREAT ORGAN (Exposed)

|                |   |    |    |        |     |              |       |
|----------------|---|----|----|--------|-----|--------------|-------|
| Principal (**) | 8 | 85 | 45 | 17-1/2 | 1/4 | 19 Zinc S.M. | 3-1/2 |
|----------------|---|----|----|--------|-----|--------------|-------|

|         |        |     |                   |  |  |  |       |
|---------|--------|-----|-------------------|--|--|--|-------|
| Mixture | III-IV | 208 | See Formula Below |  |  |  | 3-1/2 |
|---------|--------|-----|-------------------|--|--|--|-------|

SWELL ORGAN - Enclosed

|           |   |    |                                 |        |     |             |       |
|-----------|---|----|---------------------------------|--------|-----|-------------|-------|
| Rohrflöte | 8 | 85 | CC to BB Reg. Art. Tapered Bass | Wood   |     |             |       |
|           |   |    | TC 68                           | 21-1/2 | 2/9 | 6 Zinc C.M. | 3-1/2 |

Sm. I.S. Chimneys #19-62  
Pull in 8 scales between #62-73

|          |   |    |          |        |     |              |       |
|----------|---|----|----------|--------|-----|--------------|-------|
| Gemshorn | 8 | 85 | CC 56    | 19-1/2 | 2/9 | 17 Zinc S.M. |       |
|          |   |    | C 68-1/2 | 19-1/2 | 2/9 |              | 3-1/2 |
|          |   |    | #56 98   | 17-1/2 | 1/6 |              |       |

|                  |      |    |             |        |     |             |       |
|------------------|------|----|-------------|--------|-----|-------------|-------|
| Gemshorn Celeste | TC 8 | 49 | 56-1/2 @ CC | 19-1/2 | 2/9 | 5 Zinc S.M. | 3-1/2 |
|------------------|------|----|-------------|--------|-----|-------------|-------|

|           |   |    |        |      |            |                                |       |
|-----------|---|----|--------|------|------------|--------------------------------|-------|
| Trompette | 8 | 73 | 2-1/4" | #1-6 | 1/2 length | Zinc & S.M.<br>D(F) Eschallots | 3-1/2 |
|-----------|---|----|--------|------|------------|--------------------------------|-------|

PEDAL ORGAN

|         |    |    |                   |      |  |  |       |
|---------|----|----|-------------------|------|--|--|-------|
| Bourdon | 16 | 12 | Reg. Man. Bourdon | Wood |  |  | 3-1/2 |
|---------|----|----|-------------------|------|--|--|-------|

|                  |    |    |               |                 |      |  |       |
|------------------|----|----|---------------|-----------------|------|--|-------|
| Contre Trompette | 16 | 12 | 3" 1/2 length | D(F) Eschallots | Zinc |  | 3-1/2 |
|------------------|----|----|---------------|-----------------|------|--|-------|

## GREAT III-IV MIXTURE FORMULA

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 22 | 19 | 15 | 12 | 12 | 12 | 12 |
| 26 | 22 | 19 | 15 | 15 | 15 |    |
| 29 | 26 | 22 | 19 | 19 |    |    |
|    | 29 | 26 | 22 |    |    |    |

|      |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|
| 1-12 | 13-18 | 19-30 | 31-49 | 50-54 | 55-56 | 57-61 |
|------|-------|-------|-------|-------|-------|-------|

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

|       |                                 |        |           |      |
|-------|---------------------------------|--------|-----------|------|
| Quint | <del>49</del> <sub>50</sub> Sc. | 17-1/2 | 1/4 mouth | S.M. |
|-------|---------------------------------|--------|-----------|------|

(\*\*) #1-12 in chamber

AEN/mr

2/12/86