

3140

SPECIFICATIONS

for a

TOUR Manual and Pedal Pipe Organ

Designed For

#3140

May 31

Jake



Manual Compass CC to C4.....61 Notes

Pedal Compass CCC to G.....32 "

Submitted.....May 12,.....19 50

Console.....DETACHED.....DRAW KNOBS

Display Front.....NONE INCLUDED IN PRICE

GREAT ORGAN (Unenclosed) 3 1/2"

|     |        |             |       |         |     |       |             |
|-----|--------|-------------|-------|---------|-----|-------|-------------|
| 1.  | 16'    | Gemshorn.   | 36    | 15' 1/2 | 61  | Pipes |             |
| 2.  | 8'     | Diapason.   | 47    | 14'     | 61  | Pipes |             |
| 3.  | 8'     | Waldflote   |       |         | 61  | Pipes | 7 3.        |
| 4.  | 8'     | Gemshorn.   | 48    |         | 12  | Pipes |             |
| 5.  | 4'     | Octave.     | 57    | 14'     | 61  | Pipes |             |
| 6.  | 4'     | Waldflote   |       |         | 12  | Pipes |             |
| 7.  | 2-2/3' | Twelfth     | 55    | 19'     | 61  | Pipes | 18-19-22-26 |
| 8.  | 2'     | Fifteenth   | 70    | 19'     | 61  | Pipes | 12-15-19-25 |
| 9.  | IV     | Fourniture. | 15-19 | 19'     | 244 | Pipes | 9-12-15-19  |
| 10. | 16'    | Trumpet     | 4/8   | 72#43   | 61  | Notes | 5-8-12-15   |
| 11. | 8'     | Trumpet     |       | #43     | 61  | Notes | 1-5-8-15    |
| 12. | 4'     | Clarion     |       | #48     | 61  | Notes |             |
| 13. |        | Chimes.     |       | #49     |     |       |             |

SWELL ORGAN 4"

|     |     |                 |    |                |     |       |        |
|-----|-----|-----------------|----|----------------|-----|-------|--------|
| 14. | 16' | Flauto Dolce.   | 48 | 9' 8"          | 73  | Pipes | 18 1/2 |
| 15. | 8'  | Diapason.       | 46 |                | 73  | Pipes |        |
| 16. | 8'  | Gedeckt (Metal) | 46 | 2 notes larger | 73  | Pipes |        |
| 17. | 8'  | Flauto Dolce.   |    | Ext. #14       | 12  | Pipes |        |
| 18. | 8'  | Flute Celeste   |    |                | 61  | Pipes |        |
| 19. | 8'  | Viola           |    | 55             | 73  | Pipes | -2'-9  |
| 20. | 8'  | Viola Celeste   |    | 55             | 61  | Pipes |        |
| 21. | 4'  | Principal       |    | 58             | 73  | Pipes | 85     |
| 22. | 4'  | Chimney Flute   |    | Small          | 73  | Pipes |        |
| 23. | 2'  | Octavin         |    |                | 12  | Pipes |        |
| 24. | III | Mixture         |    |                | 183 | Pipes |        |
| 25. | 16' | Fagotto         |    |                | 73  | Pipes |        |
| 26. | 8'  | Fagotto         |    |                | 12  | Pipes |        |
| 27. | 8'  | Trompette       |    |                | 73  | Pipes |        |
| 28. | 4'  | Clarion         |    |                | 73  | Pipes |        |
| 29. |     | Tremulant       |    |                |     |       |        |

CHOIR ORGAN 4"

|     |        |                  |    |             |    |       |  |
|-----|--------|------------------|----|-------------|----|-------|--|
| 30. | 8'     | Diapason.        | 48 | no flattery | 73 | Pipes |  |
| 31. | 8'     | Concert Flute    |    |             | 73 | Pipes |  |
| 32. | 8'     | Dolcan.          |    | Key Scale   | 73 | Pipes |  |
| 33. | 8'     | Dolcan Celeste.  |    |             | 61 | Pipes |  |
| 34. | 4'     | Zauberflote      |    |             | 73 | Pipes |  |
| 35. | 2-2/3' | Harmonic Twelfth |    |             | 61 | Pipes |  |
| 36. | 2'     | Blockflote.      |    | flat 1/2    | 61 | Pipes |  |
| 37. | 8'     | Clarinet.        |    |             | 73 | Pipes |  |
| 38. | 4'     | Dolcan.          |    |             | 12 | Pipes |  |
| 39. |        | Tremulant        |    |             |    |       |  |

# SPECIFICATIONS

SHEET NO. 2

## SOLO ORGAN 8" R.

|     |     |  |     |       |
|-----|-----|--|-----|-------|
| 40. | 8'  | Orchestral Flute. . . . . <i>wood. Bright.</i> | .73 | Pipes |
| 41. | 8'  | Gamba . . . . .                                | .73 | Pipes |
| 42. | 8'  | Gamba Celeste . . . . .                        | .61 | Pipes |
| 43. | 16' | Trumpet . . . . . <i>7" 9 1/2"</i>             | .73 | Pipes |
| 44. | 8'  | Bombarde. . . . . <i>6"</i>                    | .73 | Pipes |
| 45. | 8'  | Trumpet . . . . . <i>7 1/2"</i>                | .12 | Pipes |
| 46. | 8'  | French Horn . . . . . <i>6" Ext. #43</i>       | .61 | Pipes |
| 47. | 8'  | Orchestral Oboe . . . . . <i>1.78</i>          | .61 | Pipes |
| 48. | 4'  | Clarion . . . . .                              | .73 | Pipes |
| 49. |     | Chimes. . . . . (New Action)                   |     |       |
| 50. |     | Tremulant                                      |     |       |

## PEDAL ORGAN 5" R.

|     |         |                                       |     |                 |
|-----|---------|---------------------------------------|-----|-----------------|
| 51. | 32'     | Bourdon . . . . .                     | .12 | Pipes           |
| 52. | 16'     | Diapason. . . . .                     | .32 | Pipes           |
| 53. | 16'     | Bourdon . . . . .                     | .32 | Pipes <i>44</i> |
| 54. | 16'     | Violone. . . . . <i>4 1/2"</i>        | .32 | Pipes <i>44</i> |
| 55. | 16'     | Genshorn. . . . . #1                  | .32 | Notes           |
| 56. | 16'     | Flauto Dolce. . . . . #14             | .32 | Notes           |
| 57. | 10-2/3' | Bourdon Quint . . . . . #53           | .32 | Notes           |
| 58. | 10-2/3' | Viol Quint. . . . . #54               | .32 | Notes           |
| 59. | 8'      | Octave. . . . . <i>4 1/2"</i>         | .32 | Pipes <i>44</i> |
| 60. | 8'      | Violone . . . . .                     | .12 | Pipes           |
| 61. | 8'      | Bourdon . . . . .                     | .12 | Pipes           |
| 62. | 8'      | Flauto Dolce. . . . . #17             | .32 | Notes           |
| 63. | 5-1/3'  | Quint . . . . . #59                   | .32 | Notes           |
| 64. | 4'      | Super Octave. . . . .                 | .12 | Pipes           |
| 65. | 4'      | Chorbass . . . . . <i>56</i>          | .32 | Pipes           |
| 66. | 16'     | Bombarde. . . . . <i>10" Ext. #44</i> | .12 | Pipes           |
| 67. | 16'     | Trumpet . . . . . #43 7               | .32 | Notes           |
| 68. | 16'     | Fagotto . . . . . #25                 | .32 | Notes           |
| 69. | 8'      | Bombarde. . . . . #44 10              | .12 | Pipes           |
| 70. | 8'      | Fagotto . . . . . #26                 | .32 | Notes           |
| 71. | 4'      | Trumpet . . . . . #45                 | .32 | Notes           |
| 72. |         | Chimes. . . . . #49                   |     |                 |

## COUPLERS

|                    |                    |
|--------------------|--------------------|
| Great to Great 16' | Swell to Choir 16' |
| Great to Great 4'  | Swell to Choir 8'  |
| Swell to Great 16' | Swell to Choir 4'  |
| Swell to Great 8'  | Solo to Choir 16'  |
| Swell to Great 4'  | Solo to Choir 8'   |
| Choir to Great 16' | Solo to Choir 4'   |
| Choir to Great 8'  | Solo to Solo 16'   |
| Choir to Great 4'  | Solo to Solo 4'    |
| Solo to Great 16'  | Solo Unison Off    |
| Solo to Great 8'   | Great to Pedal 8'  |
| Solo to Great 4'   | Great to Pedal 4'  |
| Great Unison Off   | Swell to Pedal 8'  |
| Swell to Swell 16' | Swell to Pedal 4'  |
| Swell to Swell 4'  | Choir to Pedal 8'  |
| Swell Unison Off   | Choir to Pedal 4'  |
| Choir to Choir 16' | Solo to Pedal 8'   |
| Choir to Choir 4'  | Solo to Pedal 4'   |
| Choir Unison Off   |                    |

## COMBINATION PISTONS

(Adjustable at the Keyboard)

SIX PISTONS AND CANCEL affecting the Great Organ

EIGHT PISTONS AND CANCEL affecting the Swell Organ

EIGHT PISTONS AND CANCEL affecting the Choir Organ

SIX PISTONS AND CANCEL affecting the Solo Organ

# SPECIFICATIONS

SHEET NO. 3

## COMBINATION PISTONS COND'IT

SIX PISTONS AND CANCEL affecting the Pedal Organ  
(Pedal Organ Pistons duplicated by Toe Studs)

TWELVE UNIVERSAL PISTONS AND GENERAL CANCEL affecting  
Entire Organ (duplicated by Toe Studs)

FOUR PISTONS AND CANCEL affecting Couplers and Sforzando

## ACCESORIES

Swell Tremolo  
Choir Tremolo  
Solo Tremolo  
Swell Expression Pedal  
Choir Expression Pedal  
Solo Expression Pedal  
Crescendo Pedal  
Crescendo Indicator  
Action Current Indicator  
All Swells to Swell Pedal  
Great to Pedal Reversible  
Swell to Pedal Reversible  
Choir to Pedal Reversible  
Solo to Pedal Reversible  
Sforzando Piston  
Sforzando Indicator  
Console Illumination  
Organ Bench with Music Compartment  
Concave, Radiating Pedal Board, AGO Standard  
Electric Motor, Blower and Generator  
Electric Clock  
Movable Platform

Four Manual and Pedal Pipe Organ

Organ No. 3140

May, 1951 - 44 Rank

GREAT ORGAN - Wind Pressure 3-1/2"  
(Unenclosed)

|        |                   |                         |                        |     |
|--------|-------------------|-------------------------|------------------------|-----|
| 16'    | Gemshorn.....     | Scale 36                | Tapered-Scale 48 at 8' | 2/9 |
| 8'     | Diapason.....     | Scale 44                | .....                  | 1/4 |
| 8'     | Waldfloete (Wood) |                         |                        |     |
| 4'     | Octave .....      | Scale 57                | .....                  | 1/4 |
| 2-2/3' | Twelfth .....     | Scale 65                | .....                  | 2/9 |
| 2'     | Fifteenth.....    | Scale 70                | .....                  | 2/9 |
| IV RK. | Furniture .....   | Rank 15 - 19 - 22 - 26  |                        |     |
|        |                   | Scale 70 - 77 - 82 - 89 |                        |     |

Break 1-24  
25-36  
37-44  
45-52  
53-61

SWELL ORGAN - Wind Pressure 4"

|         |   |                                |     |
|---------|---|--------------------------------|-----|
| 16'     | Flauto Dolce<br>19 Pipes - Wood<br>Start Metal on 8'<br>GG - Slotted<br>Top 2/3 <del>flat</del> ..... | Scale 49 (Gemshorn) .....      | 1/5 |
| 8'      | Diapason .....  | Scale 46 Slotted .....         | 1/4 |
| 8'      | Gedeckt.....  | Scale 50 .....                 | 2/9 |
| 8'      | T.C.Flute Celeste   | Scale 49 Slotted 2/3 Top ..... | 1/5 |
| 8'      | Viola .....   | Scale 56 Slotted .....         | 2/9 |
| 8'      | Viola Celeste.....  | Scale 56 Slotted .....         | 2/9 |
| 4'      | Principal.....  | Scale 58 Slotted .....         | 1/4 |
| 4'      | Chimney Flute.....  | Scale 54      1/6 Chim.....    | 2/9 |
| III RK. | Plein Jeu.....  | Rank 15 - 19 - 22 .....        |     |
|         |   | Scale 71 - 78 - 83             |     |

Breaks 1-15  
16-31  
32-47  
48-61

|     |                |       |
|-----|----------------|-------|
| 16' | Fagotto .....  | 3-5/8 |
| 8'  | Trompette..... | 3-1/2 |
| 4'  | Clarion.....   | 3-1/2 |

Organ No. 3140

CHOIR ORGAN - Wind Pressure 4"

|        |                     |                           |     |
|--------|---------------------|---------------------------|-----|
| 8'     | Diapason .....      | Scale 48 .....            | 2/9 |
| 8'     | Concert Flute       |                           |     |
| 8'     | Dolcan .....        | Scale 54 Top 4/3 .....    | 1/5 |
| 8'     | T.C. Dolcan Celeste | Scale 54 Top 4/3 .....    | 1/5 |
| 4'     | Zauberfloete        |                           |     |
|        | 5 Pipes -Wood       |                           |     |
|        | C-E Metal .....     | Scale 54 Start on F ..... | 2/9 |
| 2-2/3' | Harmonic 12th ..... | Scale 62 .....            | 1/5 |
| 2'     | Blockfloete .....   | Scale 70 Straight .....   | 1/5 |
| 8'     | Clarinet            |                           |     |
|        | Bell 3-3/4" Dia.    |                           |     |

SOLO ORGAN - Wind Pressure 8"

|     |                        |                        |     |
|-----|------------------------|------------------------|-----|
| 8'  | Orchestral Flute-Large |                        |     |
| 8'  | Gamba .....            | Scale 53 Slotted ..... | 2/9 |
| 8'  | Gamba Celeste .....    | Scale 53 Slotted ..... | 2/9 |
| 16' | Trumpet 7" Bell        |                        |     |
| 8'  | Bombarde 6"            |                        |     |
| 8'  | French Horn 6"         |                        |     |
| 8'  | Orchestral Oboe        |                        |     |
| 4'  | Clarion 4-1/2" at 8'   |                        |     |

PEDAL ORGAN - Wind Pressure 5"

|     |                   |                                  |     |
|-----|-------------------|----------------------------------|-----|
| 32' | Bourdon           |                                  |     |
| 16' | Diapason - Wood   |                                  |     |
| 16' | Bourdon           |                                  |     |
| 16' | Violone.....      | Scale 42 Scale 54 8' Slotted.... | 2/9 |
| 8'  | Octave .....      | Scale 44 .....                   | 1/4 |
| 4'  | Choralbass .....  | Scale 56 .....                   | 1/4 |
| 16' | Bombarde 10" Bell |                                  |     |

VOICING INSTRUCTIONS

WIND PRESSURE

Great 3-1/2 inches

Swell 4 inches

Choir 4 inches

Pedal 5 inches

Solo 8 inches

8' GREAT OPEN DIAPASON 4 1/2 Scale

*Clear and Sweet.*

Voice full and round, ~~avoid horn or blast speech.~~

8' WALD FLOTT - Wood

Avoid Melodia Fullness, but rather clear and flutey.

8' GEMSHORN

To the soft side but firm in character. Slight string, clear in speech, strength above the Choir Dolcan.

4' OCTAVE --- 45 SCALE 57

Similar to Diapason

2-2/3' TWELFTH AND FIFTEENTH 65 - 70

To blend with Diapason and Octave

FOURTURE

Sprinkle with sufficient brilliance to enliven Diapason Chorus.

FORMATION AS FOLLOWS:

| CC to B  | Cl to B<br>25 - 36 | cl to C<br>37 44 | G# to D#<br>45 52 | F to C<br>53 / 61 |
|----------|--------------------|------------------|-------------------|-------------------|
| 24 Notes | 12 Notes           | 8 Notes          | 8 Notes           | 9 Notes           |
| 15 70    | 12                 | 8                | 5                 | 1                 |
| 19 77    | 15                 | 12               | 8                 | 5                 |
| 22 82    | 19                 | 15               | 12                | 8                 |
| 26 89    | 22                 | 19               | 15                | 12                |

Unison Ranks Dominant.

TRUMPET

To balance Great organ even though it is placed in the Solo

SWELL ORGAN

16' FLAUTO DOLCE

Medium soft and clear with no quiff, lower <sup>18</sup> 19 or 22 notes  
of wood, balance metal.

8' DIAPASON - 46 Scale

Clear and full. Avoid any string tendency.

8' CHROMON

Metal, full and large. Avoid quint

8' FLUTE CELESTE

Comparable to Flauto Dolce 8'

8' VIOLA

Broad and not too Stringy

8' VIOLE CELESTE

Same as Viola

4' PRINCIPAL 5'9.

To add color and brightness to Swell Diapason

CHIMNEY FLUTE

Clear and a bit quint prevailing

OCTAVE

To help brighten Diapason and Principal

MIXTURE PLEIN JEU FORMATION

|            |                             |  |  |
|------------|-----------------------------|--|--|
| CC to D 15 | 16 D <sub>1</sub> to F#1 31 | 32 G <sub>1</sub> to A <sub>1</sub> 47 | 48 B <sub>1</sub> to C <sub>2</sub> 61 |
| 15 Notes   | 16 Notes                    | 16 Notes                               | 14 Notes                               |
| 15         | 12                          | 8                                      | 5                                      |
| 19         | 15                          | 12                                     | 8                                      |
| 22         | 19                          | 15                                     | 12                                     |

8' FAGOTTA

Retain original character and not to be an Oboe

8' TROMPETTE

Bright and Clear, and to be noticeable in the Swell

Ensemble

4' CLARION

To add additional support to the Trumpette.

CHOIR ORGAN

8' DIAPASON

4 8 S C - Flutey and Smooth

8' CONCERT FLUTE

Clear and a slight sparkle of brilliance

DOLCAN

The softest stop in the organ, strength similar to Dulciana  
Avoid stringy quality.

DOLCAN CELESTE

Same as Dolcan

ZAMBA FLOETE

Bright and Strong

HARMONIC TWELFTH

Clear with Quint prevailing

BLOCK FLUTE

Not tapered, clear and liquid in character

CLARINET

Large Scale, with bell tops. Strength equal to Gamba in Solo.

SOLO ORGAN

ORCHESTRAL FLUTE

Large and Bright

GAMBA

Large and Broad

GAMBA CELESTE

Same as GAMBA

FRENCH HORN

Large Scale. Skinner

ORCHESTRAL OBOE

Not Keen nor Bity - Somewhat like an English Horn

BOMBARDE

Smooth and Powerful - Must balance full Great & Swell.



PEDAL ORGAN

16' DIAPASON

Large and Firm. Avoid any rumble

16' VIOLONE

Clear, full and lively: (Metal)

16' BOURDON

Large and deep.

ENSEMBLE

Keep ensemble voiced that full organ is permissible without  
crash and thunder.

Keep reed chorus so that they assert themselves, yet not  
overpower balance of organ.