

MODEL: S40-21
 CUST. NAME: ALLEGHENY HOUSING AUTH.
 ORDER NUMBER: 59448

GENERAL NOTES:

1. NO LOADS OTHER THAN THOSE GIVEN UNDER "DESIGN DATA" BELOW BE IMPOSED ON THE "STRUCTURE"
2. THE FOUNDATION ON THE DRAWING IS A SUGGESTED SOLUTION ONLY. CHANGES MAY BE NECESSARY DUE TO LOCAL BUILDING REGULATIONS.
3. THE FOUNDATION SHALL BE FOUNDED ON NATURAL UNDISTURBED SOIL. CAPABLE OF SAFELY SUSTAINING 2000 PSF. AND AT LEAST 12 IN. BELOW FINISHED GRADE.
4. SLAB ON GRADE SHALL BE PLACED ON SOIL CAPABLE OF SUSTAINING 500 PSF. WITHOUT APPROPRIATE SETTLEMENT.
5. BUILDING MUST BE GROUTED INTO TROUGH, INSIDE AND OUT TO MAINTAIN STRUCTURAL INTEGRITY EXCEPT WHEN USING WELDED BASE PLATE CONNECTORS.
6. CROSS TIES MUST BE INCASED IN CONCRETE WHEN CONCRETE SLAB IS NOT USED

ARCH DATA:

DESIGN DATA:

STEEL GAGE: 18/20
 50 KSI MIN. YIELD STEEL
 GALVALUME SHEET STEEL
 LIVE LOAD: 21 PSF
 BASIC WIND SPEED: 90 MPH
 3 SECOND GUST WIND SPEED: 100 MPH

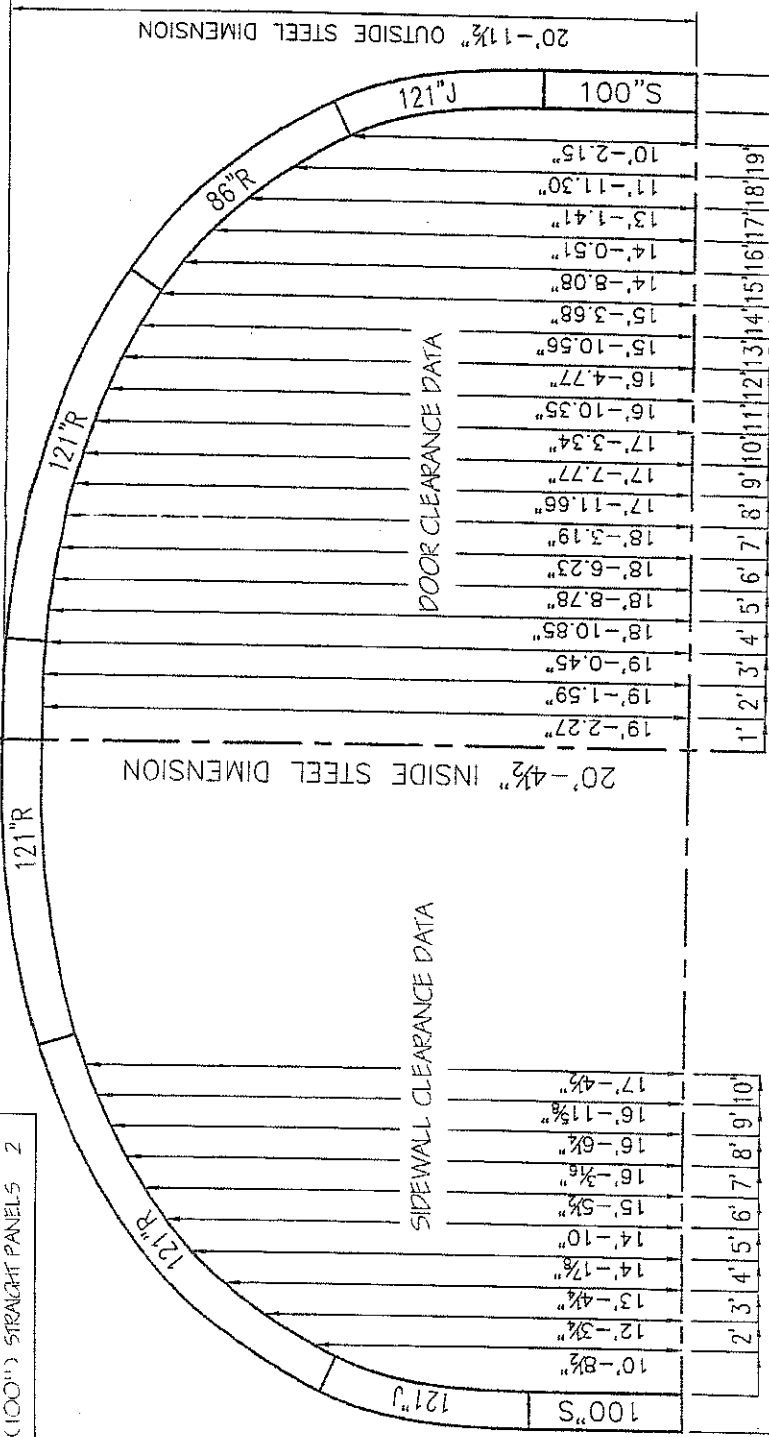
MATERIALS:

1. CONCRETE STRENGTH AT 28 DAYS TO BE 2500 PSI
2. REINFORCING STEEL TO BE DEFORMED BARS, GRADE 60
3. ALL MATERIALS SHALL CONFORM TO THE APPROPRIATE ASTM SPECIFICATIONS.

ARCH PROFILE

ONE ENDWALL SOLID & ONE ENDWALL WITH AN OPENING OR OVERHEAD DOOR

(21") ROOF PANELS	5
(66") ROOF PANELS	2
(121") J-PANELS	2
(100") STRAIGHT PANELS	2



40'-8" OUT/OUT STEEL DIMENSION

NOTE:
 THE SHORT PANELS MUST BE ALTERNATED FROM SIDE TO SIDE ON SUCCESSIVE ARCHES, TO CREATE A STAGGERED JOINT FOR GREATER STRENGTH.



APPROVED BY: [Signature]
 DATE: 7/3/06
 BY: P.V.M.

