BEAM SCHEDULE

Beam Mark	No Req	Unsupported Span	Total Length of Beam	Beam Shape	Wt. Per Ft	Beam Ht.	Flange Width	Remarks
A	4	37'-0"	38'-0"	Beth. WF	59#	21"	8.23"	
C	1	20'-2"	21'-2"	Beth WF	28#	12"	6.5"	
D	1	16'-10"	18'-0"	Beth WF	25#	12"	6.5"	
B	2	20'-2"	21'-8"	Am. Std	50#	12"	5.477"	Double Beam with Stiffeners 4'-oc. Fire Proof With 2" Concrete

BEARING PLATE SCHEDULE

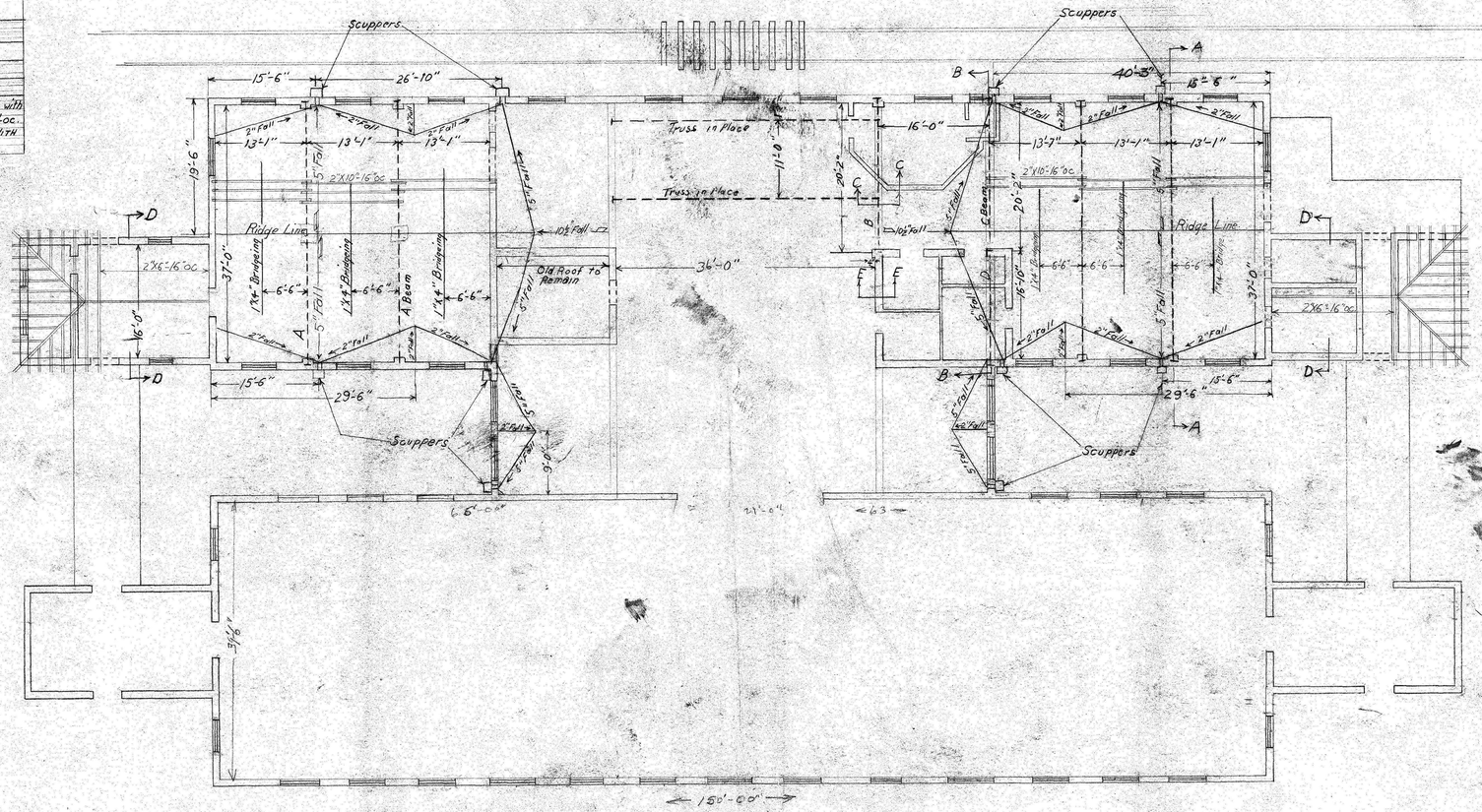
A Beam 12"X12"X1" Plate on both ends
B Beam 12"X16"X1" Plate on both ends
C+D Beam 10"X10"X1" Plate on both ends

LINTEL SCHEDULE

Lintels over all Doors and Windows in
12" walls to be 2-4"X4"X3/8" L & 1-6"X4"X3/8" L JJL
8" Walls to be 2-4"X6"X3/8" JL
Unless otherwise Desigated

FOOTING

All Footings Under Load Bearing Walls to be 24" wide X 10" thick.
Footings Under Pilasters to be 6" wider then Pilaster
Soil Bearing 4000# Per sq ft
Concrete 1-2-4 Mix



GENERAL NOTE

Bond all New Brick work to Old.
Every 6th Course to be a Header Course
Use Portland Cement Mortar 1-3 Mix not over 10% lime.
Place Slate Course in all Walls above Grade Line
All walls to have a ¾" coat of paraging below grade line.
All outside trim & Cornish to match that of existing building.
All Ceilings and Roofs to be Insulated
Built up Roof: 5 ply asphalt felt with gravel surface
All walls in Dinning Room, Mess Hall, Food Prep. Room and Kitchen to be Tiled with Salt Glazed Wall Tile 1¾" Soap 5"X12"
Windows removed from old Bldg. to be used in new addition as far as possible.
All Beams Fire Proofed with 2" Concrete

STRUCTUAL PLANS for ADDITIONS

#2

CONSTRUCTION ENGNEER'S OFFICE		
D.C. PENAL INSTITUTIONS, LORTON, VA.		
Plan of Roof and Schedules to Mess Hall & Kitchen-D.C. Workhouse, Occoquan, Va.		
DRAWN & TRACED by: Clme Lafranch	CHECKED by: J.S.	DATE: 8/27/44
Scale: ⅛"-1'-0"	PROJECT #	SHEET # 3