GENERAL NOTES

CONCRETE
ALL CONCRETE SHALL CONFORM TO ACI 301.
CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.
ALL CONCRETE WORK SHALL BE TESTED BY AN APPROVED INSPECTION AGENCY.

MATERIALS
1. CEMENT - ASTM C 150, TYPE I OR III.
2. AGGREGATES - ASTM C 33 ACI 304, ACI 211.1.
   COARSE AGGREGATE - SIZE #57.
3. REINFORCING - ASTM A 615, GRADE 60.
   WELDED WIRE FABRIC - ASTM A 185.

PROPORTIONING
1. ALL CONCRETE SHALL CONTAIN A MINIMUM OF 5.5 SACKS OF CEMENT/CU.YD.
2. WATER CEMENT RATIO NOT TO EXCEED 6.5 GAL./SACK OF CEMENT.
3. ALL CONCRETE SHALL HAVE SLUMPS IN ACCORDANCE WITH ACI 211.1, EXCEPT SLABS ON EARTH SHALL HAVE A 3-1/2" MAXIMUM SLUMP.
4. EXTERIOR CONCRETE SHALL BE AIR ENTRAINED 4%-6%
5. ALL CONCRETE EXCEPT FOOTINGS SHALL CONTAIN WATER REDUCER PER MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL SUBMIT DESIGN MIX FOR ALL CLASSES OF CONCRETE PRIOR TO PLACING ANY CONCRETE.

MASONRY
CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 145 AND C 90.
BRICK UNITS SHALL CONFORM TO ASTM SPECIFICATION C 216.
MORTAR SHALL CONFORM TO ASTM C 270, TYPE S.
ALL BLOCKS SHALL BE SET IN FULL BEDS OF MORTAR INCLUDING CROSS WEBS. ALL BLOCKS SHALL HAVE CELLS WITH WEBS IN ALIGNMENT IN FINISHED WALL.

LINTELS
ALL OPENINGS IN WALLS AND PARTITIONS ARE TO BE PROVIDED WITH LINTELS. LINTELS SHALL BE STRUCTURAL STEEL OR PRECAST CONCRETE AS DIRECTED BY THE ARCHITECT. ALL LINTELS SHALL HAVE A 8" MINIMUM BEARING UNLESS OTHERWISE NOTED ON DRAWINGS AND SHALL BE SET IN A FULL BED OF MORTAR. CONTRACTOR SHALL SHORE ALL LINTELS AS REQUIRED TO PREVENT ROTATION DURING CONSTRUCTION AND SHALL PAY PARTICULAR ATTENTION TO ECCENTRICALLY LOADED LINTELS. CONTRACTOR SHALL COORDINATE SIZE, TYPE AND LOCATION OF LINTEL WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

LINTEL SCHEDULE

MARK	MATERIAL	REMARKS
L-1	1 - L4 x 3 1/2 X 5/16 FOR EACH 4" WALL THICKNESS L.L.V.	FOR OPENINGS UP TO 6'-0"
L-2	1 - L6 X 3 1/2 X 5/16 FOR EACH 4" WALL THICKNESS L.L.V.	FOR OPENINGS FROM 6'-0" TO 10'-0"
P	8" MIN. DEEP PRECAST W/1 - #5 TOP & BOTT. FOR EACH 4" WIDTH	FOR OPENINGS UP TO 5'-0"

STRUCTURAL STEEL
FABRICATION & EHECTION SHALL CONFORM TO AISC SPECIFICATIONS.
ALL STEEL SHALL BE ASTM A36, UNLESS NOTED.
SHOP COAT ALL STEEL WITH APPROVED PRIMER.
APPLY TWO COATS OF RUST INHIBITIVE PAINT TO ALL EXPOSED STL.

LIGHTGAUGE METAL FRAMING
ALL MEMBERS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-525 AND SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF:
ASTM A-446 GRADE A (33 KSI MIN.)
ALL STRUCTURAL PROPERTIES SHALL BE COMPUTED IN ACCORDANCE WITH AISI "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".

WOOD FRAMING
ALL STRUCTURAL LUMBER SHALL CONFORM TO THE REQUIREMENTS OF THE "TIMBER CONSTRUCTION MANUAL", PREPARED BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
WOOD SHALL BE SOUTHERN PINE NO. 2, GRADE 1,200 PSI MINIMUM BENDING STRESS OR APPROVED EQUAL.
PLYWOOD ROOF SHEATHING SHALL BE GRADE C-C EXTERIOR TYPE AND SHALL CONFORM TO THE REQUIREMENTS OF THE PLYWOOD DESIGN SPECIFICATIONS PREPARED BY THE AMERICAN PLYWOOD ASSOCIATION.

CONNECTIONS
ALL CONNECTORS SHALL BE GALVANIZED AND AS MANUFACTURED BY TECO OR APPROVED EQUAL AND SHALL BE THE TYPE AS RECOMMENDED BY THE MANUFACTURER FOR THE INTENDED USAGE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

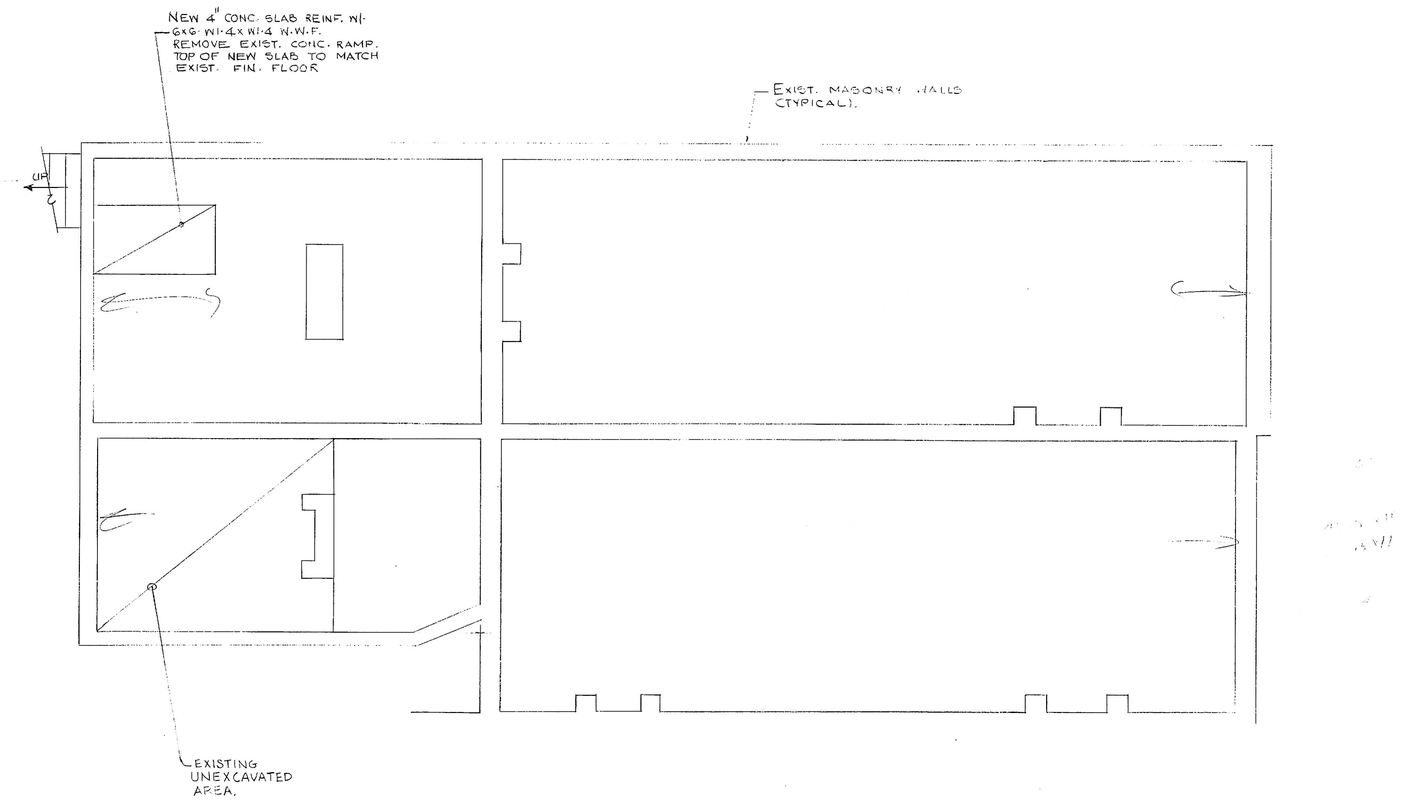
EXISTING STRUCTURE
REMOVE ALL EXISTING STRUCTURES AS REQUIRED TO INSTALL NEW CONSTRUCTION. REBUILD BEAM BEARING, JAMBS, ETC. TO MATCH EXISTING AND IN ACCORDANCE WITH THE ARCHITECT'S APPROVAL.

ALL SHORING, NEEDLING, UNDERPINNING, ETC. SHALL BE AS REQUIRED TO SUPPORT THE EXISTING STRUCTURE. THE CONTRACTOR SHALL EXAMINE THE EXISTING STRUCTURE TO DETERMINE THE EXTENT OF NECESSARY SHORING, NEEDLING AND UNDERPINNING. THE CAPACITY AND METHOD USED FOR SHORING, NEEDLING AND UNDERPINNING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING WORK AND SHALL REPAIR AND REPLACE TO ITS PRESENT CONDITION ANY DAMAGE OR INJURY CAUSED DURING DEMOLITION.

LIVE LOADS
THIS BUILDING HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS:

ROOF	30 PSF
FLOOR	80 PSF (INCLUDING PARTITIONS)



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BASEMENT FLOOR PLAN

SCALE: 1/4" = 1'-0"

NO.	DATE	DESCRIPTION
		REVISIONS

Cho Wilks & Benn
218 West Saratoga Street
Baltimore, Maryland 21201
(301) 576-0440
ARCHITECTS

MARYLAND INSTITUTE

DRAWN BY:
CHECKED BY:

BASEMENT FLOOR PLAN & GENERAL NOTES

Contract Dwg.

PROJECT NO.: 1710
SCALE: 1/4"=1'-0"
DATE: 8-11-89
LATEST REV.: 8-11-89
SHEET NO.: S-1