

CITY OF CONWAY, ARKANSAS

Department of Planning & Development
1201 Oak Street Conway, Arkansas 72032

J. Lynn Hicks, CBO - Building Official / Assistant Director of
Permits, Inspections & Code Enforcement
Phone 501-450-6107 Fax 501-450-6144



**Addendum for Stabilization and
Demolition of a Structure
At 912 Front Street, Conway, Arkansas
Bid # 2011-29
Bid Opening ~~August 4, 2011~~
~~August 11, 2011~~**

The Bid Specifications for the stabilization and demolition of the structure at 912 Front Street shall no longer include Phase II (Demolition and Repairs) as listed in the original Bid #2011-29.

Revised structural plans for the wall bracing and stabilization are available.

The Bid Opening has been changed to **Tuesday, August 16, 2011 @ 10:00am – Downstairs Conference Room – City Hall.**

Please feel free to contact me if you have any questions about the bid or this change.

Thank You,

Lynn Hicks
Building Official
501-450-6107

GENERAL NOTES:

DESIGN DATA:

1. DESIGN CODES
 - 1.1. LISTED ARE OF THE EDITION LISTED BY THE GOVERNING BUILDING CODE, UNLESS NOTED OTHERWISE.
 - 1.2. DESIGN CODE – INTERNATIONAL BUILDING CODE (IBC 2006), WITH ARKANSAS FIRE PREVENTION CODE AMENDMENTS.
 - 1.2.1. AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE 7-05).
 - 1.2.2. AMERICAN CONCRETE INSTITUTE (ACI)
 - 1.2.3. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
 - 1.2.3.1. ALLOWABLE STRESS DESIGN.
2. MATERIAL SPECIFICATIONS AND DESIGN STRESSES
 - 2.1. OTHERWISE UNSPECIFIED STEEL: $F_y=36,000$ PSI (ASTM A36)
 - 2.2. STRUCTURAL W-SHAPE MEMBERS: $F_y=50,000$ PSI (ASTM A992)
 - 2.3. STRUCTURAL L, C, BARS & ROUNDS: $F_y=36,000$ PSI (ASTM A36)
 - 2.4. RECTANGULAR HSS STEEL SECTIONS: $F_y=46,000$ PSI (ASTM A500, GR. B)
 - 2.5. ROUND HSS STEEL SECTION: $F_y=42,000$ PSI (ASTM A500, GR. B)
 - 2.6. PIPE: $F_y=35,000$ PSI (ASTM A53, GR. B)
 - 2.7. STRUCTURAL BOLTS: $F_u=102,000$ PSI (ASTM A325N)
 - 2.8. EXISTING CONCRETE (ASSUMED) $f'_c=3,000$ PSI (ACI)

GENERAL:

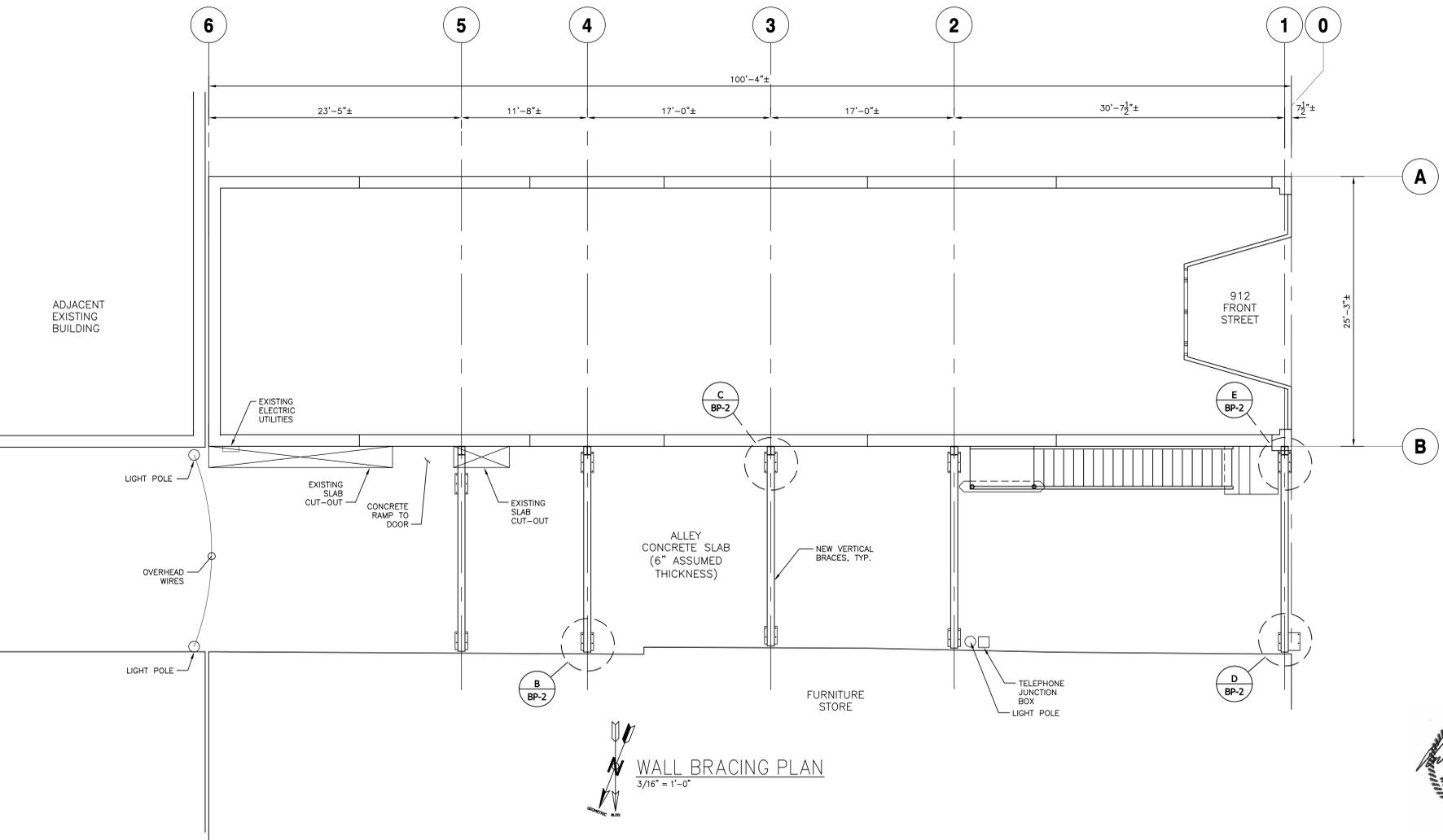
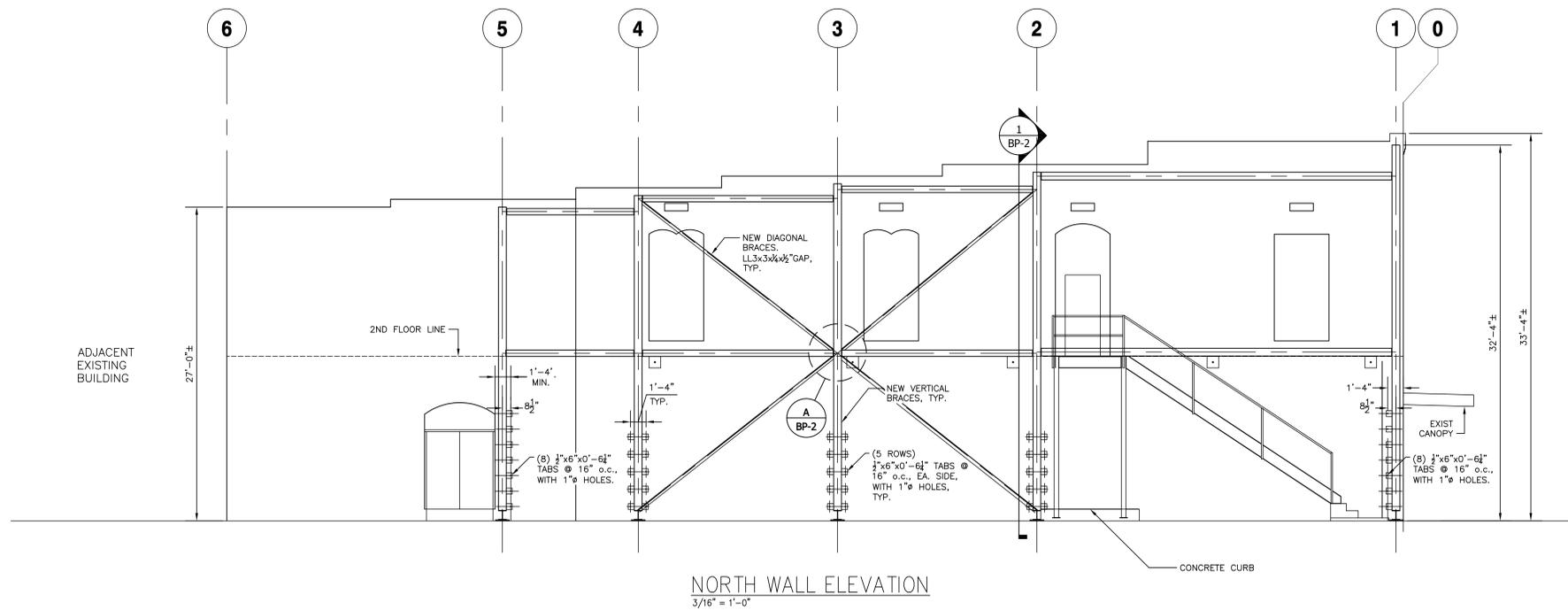
1. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
2. ALL DIMENSION SHOWN ARE BASED UPON ROUGH FIELD MEASUREMENTS FOR THE PURPOSES OF PRODUCING CONCEPT BRACING DRAWINGS ONLY.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING FIELD CONDITIONS BEFORE STARTING WORK.
4. SEE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS FOR OPENINGS IN WALLS AND IN ROOF AND FLOOR SYSTEMS.
5. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BRACING, SHORING, GUYING, ETC. AND OTHER METHODS TO PREVENT EXCESSIVE CONSTRUCTION STRESSES. THESE PROVISIONS ARE TO REMAIN IN PLACE UNTIL SUFFICIENT PERMANENT MEMBERS, AS SHOWN ON THESE DRAWINGS, ARE CONSTRUCTED TO INSURE THE SAFETY OF THE STRUCTURE.
6. UNLESS OTHERWISE NOTED, DETAILS SHOWN ON ANY DRAWING ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
7. THESE BRACING PLANS ARE INTENDED TO PROVIDE SHORING FOR A BUILDING CURRENTLY CONSIDERED TO BE IN AN UNSTABLE CONDITION. NO WORK IS TO BE PERFORMED ON THE INTERIOR OF THE BUILDING UNTIL ALL BRACING SHOWN ON THESE DRAWINGS IS IN PLACE.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO COMPLY WITH APPLICABLE FEDERAL (OSHA), STATE, AND LOCAL SAFETY REQUIREMENTS AND TO PROTECT THE SAFETY OF ITS PERSONNEL.
9. ALL WORK SHALL BE PLANNED AND EXECUTED TO MINIMIZE ANY VIBRATION OR ADDITION LOADING BEING TRANSMITTED TO THE EXISTING BUILDING.
10. EXISTING ELECTRICAL SERVICES FOR THIS BUILDING AND NEARBY BUILDINGS ARE MOUNTED AT THE REAR OF THE STRUCTURE, IN THE ALLEY. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE LOCAL UTILITY COMPANY TO RELOCATE, DISABLE, OR WORK AROUND EXISTING UTILITIES, AS REQUIRED.

SEQUENCE OF WORK

1. THE SEQUENCE OF WORK IS PROVIDED AS A GENERAL GUIDE TO BRACE PORTIONS OF THE EXISTING BUILDING IN THE ORDER OF THEIR PERCEIVED VULNERABILITY. IT IS NOT MEANT TO DICTATE MEANS AND METHODS OF THE CONTRACTOR. FIELD CONDITIONS, AT THE TIME OF BRACING MAY DICTATE MODIFICATIONS TO THE SEQUENCE OF BRACING TO ADDRESS UNFORESEEN CONDITIONS.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY, MEANS, AND METHODS OF BRACING AND CONSTRUCTION. SHOULD ANY PORTION OF THE SEQUENCE OF BRACING BE CONSIDERED TO BE UNSAFE OR IMPRACTICAL, THE CONTRACTOR MUST REPORT THE CONDITION TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
3. BRACES MAY BE FULLY ASSEMBLED IN THE FIELD, PARTIALLY ASSEMBLED, OR INSTALLED AS COMPLETE FRAME ASSEMBLIES, AT THE DISCRETION OF THE CONTRACTOR.
4. BECAUSE THE FRONT PORTION OF THE BUILDING APPEARS TO BE IN THE WORST CONDITION, THE GENERAL ORDER OF BRACING WILL GENERALLY BE FROM THE FRONT TO THE REAR OF THE STRUCTURE. HOWEVER, INSTALLATION OF THE BRACE ON GRID 1 REQUIRES SOME DEMOLITION OF STUCCO. THEREFORE, INSTALL AND SECURE THE VERTICAL BRACE ON GRID 2 BEFORE INSTALLING THE BRACE ON GRID 1.
5. VERTICAL BRACING ELEMENTS SHOULD BE PLACED AND SECURED BEFORE HORIZONTAL, IN-FILL, MEMBERS ARE INSTALLED. GENERALLY, THE VERTICAL FRAMES AT EACH GRID SHOULD BE COMPLETELY ASSEMBLED BEFORE FIELD INSTALLED ANCHORS ARE DRILLED TO REDUCE THE POSSIBILITY OF WALL MOVEMENT AS A RESULT OF CONSTRUCTION VIBRATION.
6. BASE PLATE ANCHORS ON THE NORTH SIDE OF THE ALLEY SHOULD BE INSTALLED ON EACH FRAME BEFORE ANCHORS ARE INSTALLED AT THE BASE OF THE 912 FRONT STREET NORTH WALL.
7. HORIZONTAL, IN-FILL, MEMBERS SHOULD GENERALLY BE INSTALLED AFTER ALL OF THE VERTICAL BRACING ASSEMBLIES HAVE BEEN INSTALLED AND ANCHORED.

SHOP DRAWINGS:

1. THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING FOR APPROVAL. SHOP DRAWINGS, REVIEWED BY THE GENERAL CONTRACTOR FOR CONCRETE MATERIALS, REINFORCING, STRUCTURAL MEMBERS, AND STRUCTURAL STEEL SHALL BE SUBMITTED TO THE ENGINEER AND A STAMPED ACCEPTABLE REVIEW RECEIVED PRIOR TO FABRICATION. INSTALLATION SHALL BE MADE FROM APPROVED SHOP DRAWINGS ONLY.
2. REPRODUCTION & REUSE OF CONTRACT DRAWINGS FOR THE PURPOSE OF PREPARING SHOP DRAWINGS IS STRICTLY PROHIBITED. THE FABRICATOR SHALL HIGHLIGHT CHANGES MADE IN SHOP DRAWINGS WHICH DO NOT COMPLY WITH THE DESIGN DRAWINGS AND RECEIVE APPROVAL PRIOR TO COMMENCING WITH FABRICATION OF SAME.
3. SHOP DRAWING APPROVAL SHALL NOT CONSTITUTE ACCEPTANCE OF FABRICATOR CHANGES TO THE CONTRACT DOCUMENTS, ONLY GENERAL CONFORMANCE TO THE DESIGN INTENT. FABRICATOR CHANGES THAT RESULT IN MODIFICATIONS TO THE CONTRACT SUM MUST BE APPROVED IN ACCORDANCE WITH PROVISIONS CONTAINED IN THE OWNER-CONTRACTOR AGREEMENT OR PROCEDURES OUTLINED IN THE CONTRACT MANUAL.
4. ONLY SHOP DRAWINGS MARKED "APPROVED" OR "APPROVED AS NOTED" MAY BE RELEASED FOR FABRICATION. SHOP DRAWINGS WITH ANY OTHER MARKINGS MUST BE REVISED AND AN APPROVED COPY RECEIVED BY THE FABRICATOR PRIOR TO FABRICATION OF THE MATERIAL. MATERIAL FABRICATED WITHOUT PROPER APPROVAL IS SUBJECT TO REJECTION.
5. REVIEW OF SHOP DRAWINGS IS FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE FABRICATOR IS RESPONSIBLE FOR DIMENSIONS AND QUANTITIES ASSOCIATED WITH THE FABRICATION OF THEIR RESPECTIVE PARTS AND PORTIONS OF THE PROJECT. MEANS AND METHODS ASSOCIATED WITH THE FABRICATION OF ANY MATERIAL SHALL REMAIN THE RESPONSIBILITY OF THE FABRICATOR AS SHALL THE RESPONSIBILITY FOR THE COORDINATION OF INSTALLATION SEQUENCES AFFECTING OTHER TRADES.



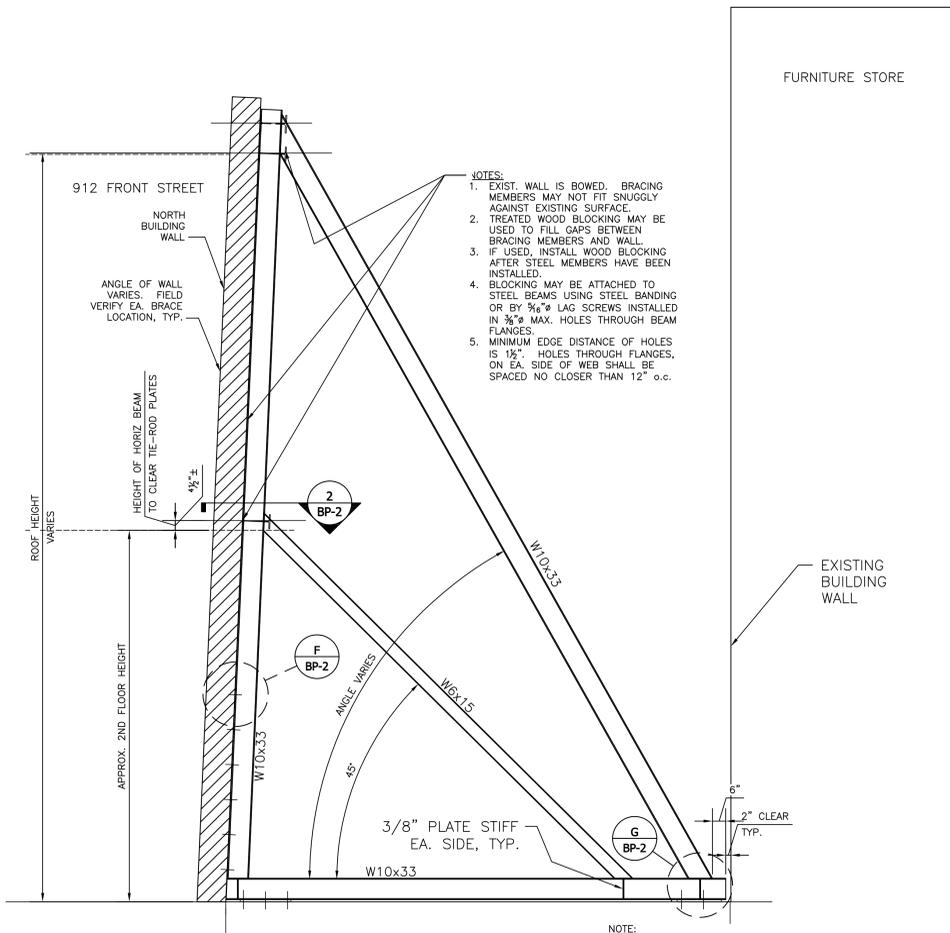
PAULLUS STRUCTURAL CONSULTANTS
 6555 GEORGETOWN RD., SUITE 4
 OMAHA, NE 68134
 PH. 904-267-8930
 paul@psconsulting.com

WEST WALL BRACING PLAN
912 FRONT STREET
 Conway, Arkansas

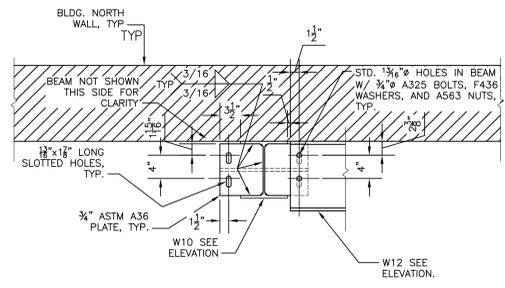
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| Date | August 8, 2011 |
| Revised | |
| Revised | |
| Revised | |
| Designed | RBP |
| Checked | RBP |

BP-1
 Wall Bracing Plan

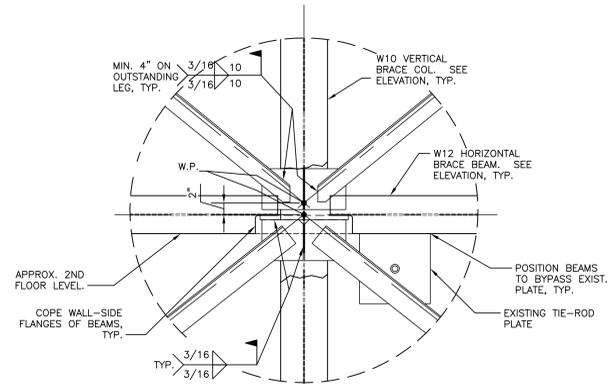




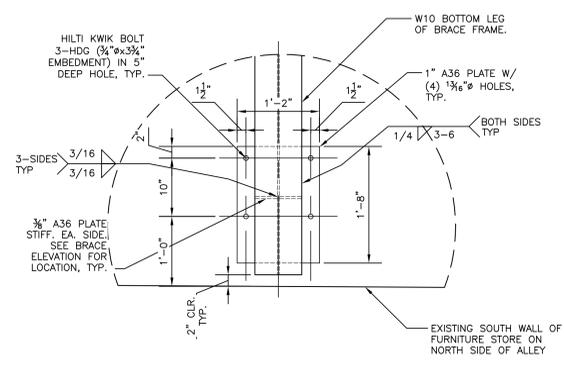
1 TYPICAL FRAME ELEVATION
BP-2 3/8" = 1'-0"



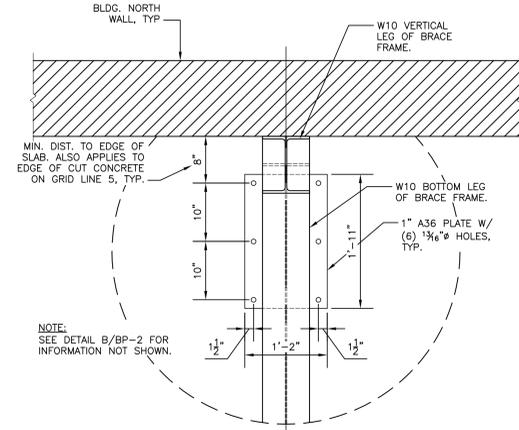
2 TYPICAL BEAM CONNECTION
BP-2 1" = 1'-0"



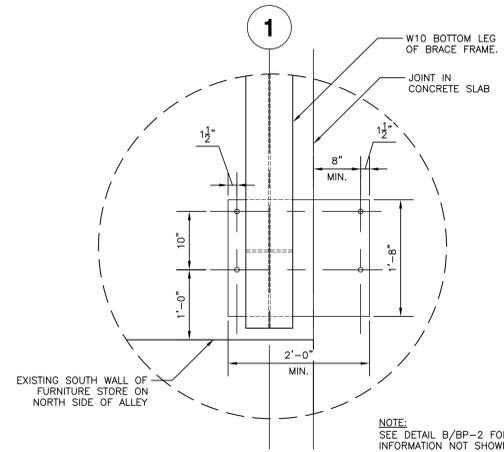
A TYPICAL BEAM CONNECTION
BP-2 1" = 1'-0"



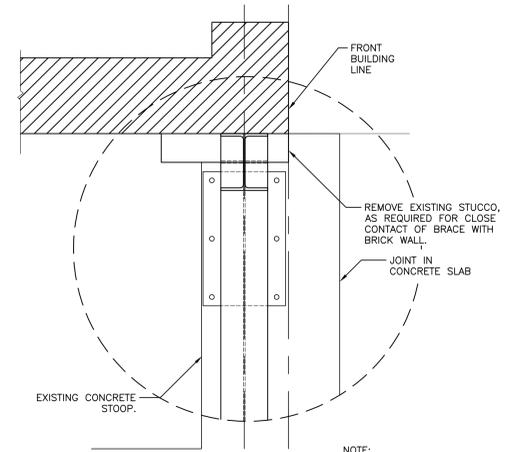
B TYPICAL ANCHORAGE AT FURNITURE STORE
BP-2 1" = 1'-0"



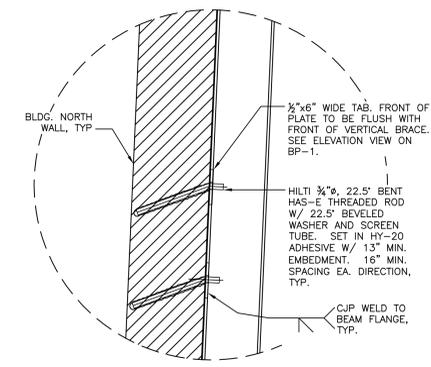
C TYPICAL ANCHORAGE AT BRACED WALL
BP-2 1" = 1'-0"



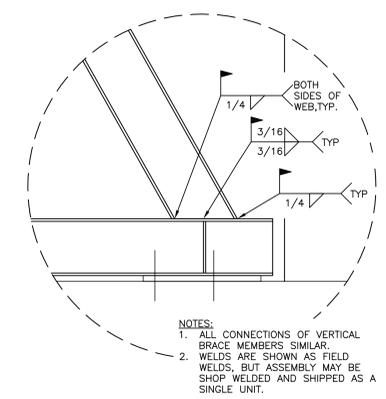
D ANCHORAGE AT FURNITURE STORE & GRID 1
BP-2 1" = 1'-0"



E ANCHORAGE AT BRACED WALL & GRID 1
BP-2 1" = 1'-0"



F VERTICAL URM WALL ANCHORAGE
BP-2 1" = 1'-0"



G TYPICAL VERTICAL BRACE CONNECTION
BP-2 1" = 1'-0"

NOTE: DEPTH OF EXISTING CONCRETE IN ALLEY IS ASSUMED TO BE 6" THICK. NOTIFY ENGINEER IMMEDIATELY IF CONCRETE IS FOUND TO BE LESS THAN 6" THICK.

NOTE: CONNECTION UPPER HORIZ BEAM, SIM.

NOTE: SEE DETAIL B/BP-2 FOR INFORMATION NOT SHOWN.

NOTE: SEE DETAIL B/BP-2 FOR INFORMATION NOT SHOWN.

NOTE: SEE DETAILS B/BP-2 AND C/BP-2 FOR INFORMATION NOT SHOWN.

NOTES:
1. ALL CONNECTIONS OF VERTICAL BRACE MEMBERS SIMILAR.
2. WELDS ARE SHOWN AS FIELD WELDS, BUT ASSEMBLY MAY BE SHOP WELDED AND SHIPPED AS A SINGLE UNIT.

WEST WALL BRACING PLAN
912 FRONT STREET
Conway, Arkansas

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| Date | August 8, 2011 |
| Revised | |
| Revised | |
| Revised | |
| Designed | RBP |
| Checked | RBP |



BP-2
Wall Bracing Details