

CUSTOMER:

B & L CONSTRUCTION.

PROJECT:

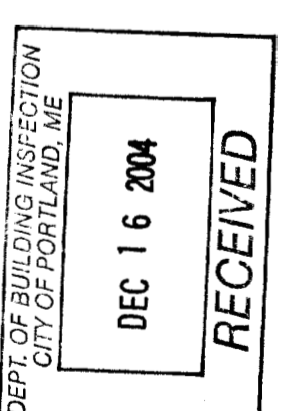
PROPOSED BUILDING

LOCATION:

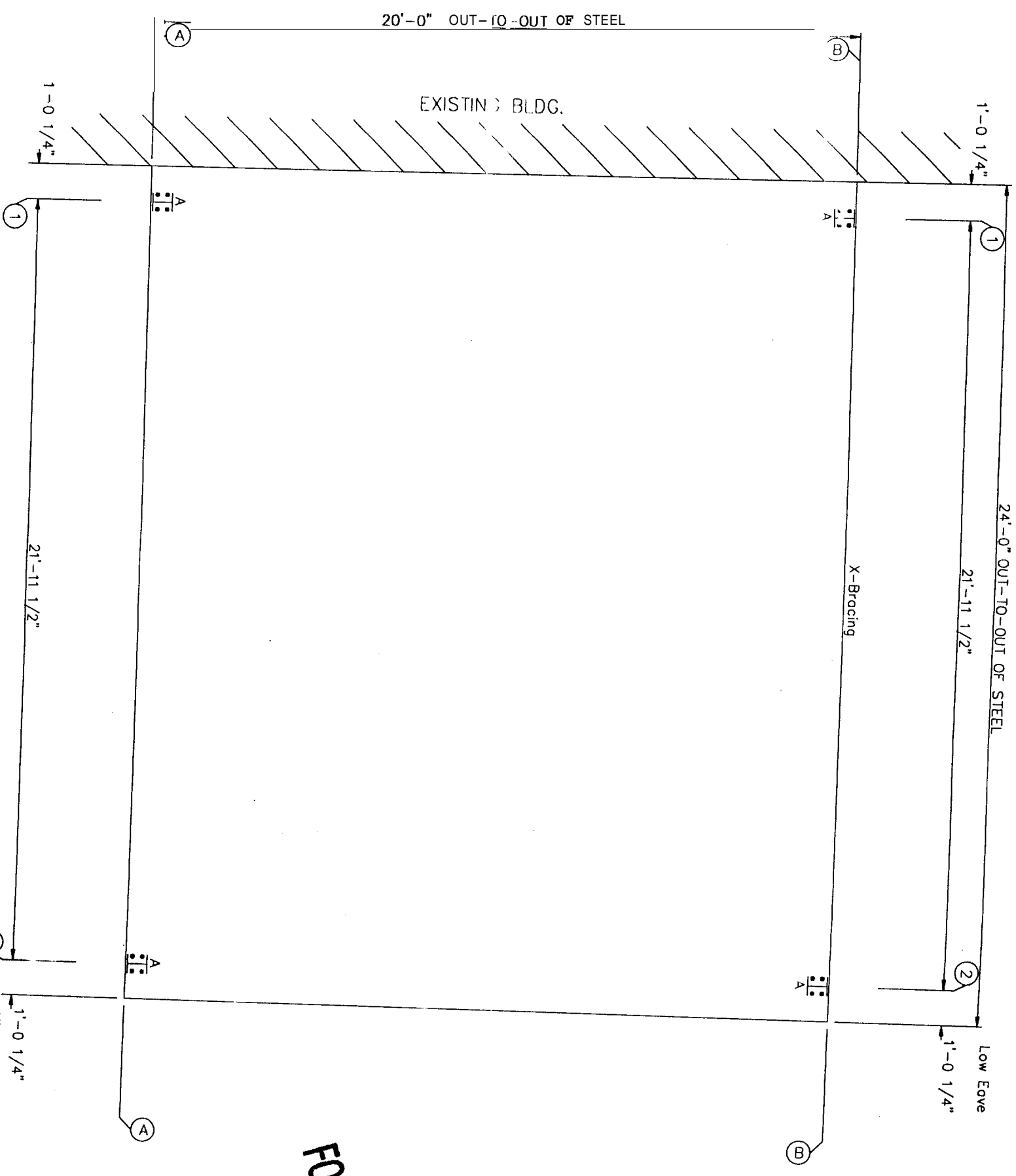
PORTLAND, MAINE

JOB NUMBER:

D4-917

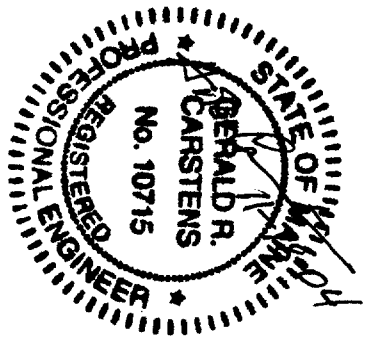


• Dia = 3/4"



ANCHOR BOLT PLAN
 NOTE: All Base Plates @ 100'-0" (U.N.)

FOR CONSTRUCTION



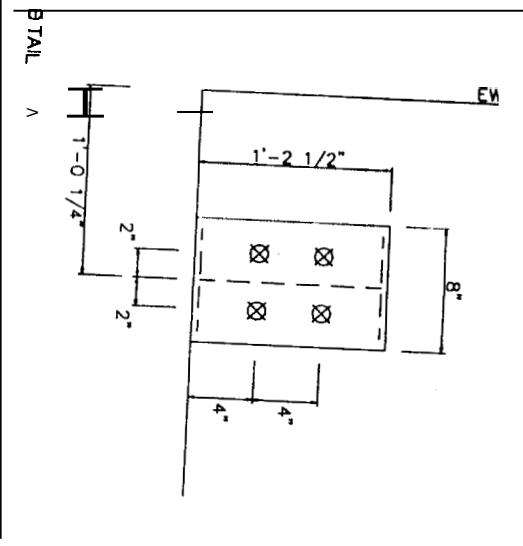
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BRAEMAR
 Building Systems

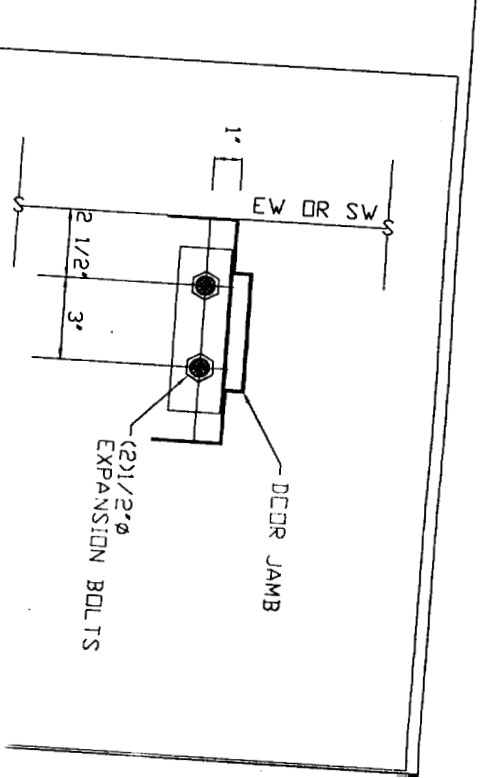
925 WEST KENYON AVENUE
 ENGLEWOOD, CO. 80113
 1-888-480-5552

349 REGIONAL ROAD #9
 YORR, DUNFARLIG NOA 180
 1-800-215-1996

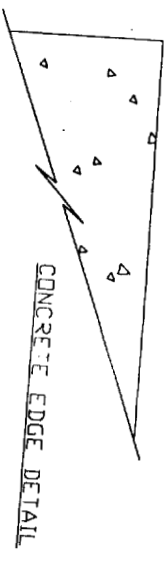
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| CUSTOMER: | B & L CONSTRUCTION |
| PROJECT: | PROPOSED BUILDING |
| LOCATION: | PORTLAND, MAINE |
| DRAWN BY: | MBS |
| DATE: | 11/9/04 |
| JOB#: | |



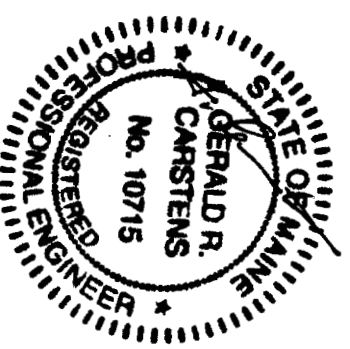
B/TAIL



WALK DOOR JAMB BASE



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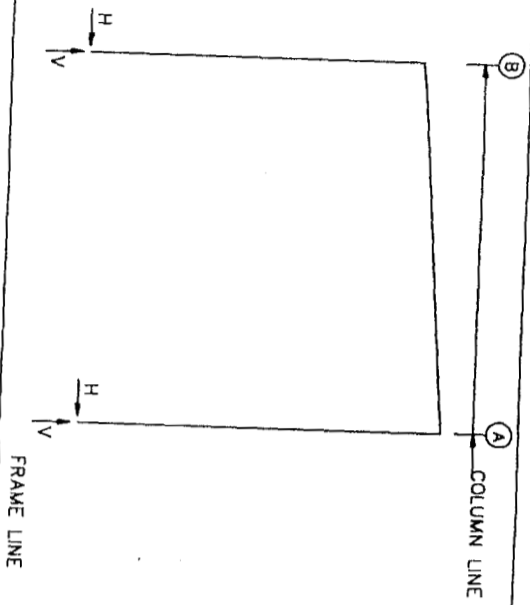


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325 WEST KENYON AVENUE
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CUSTOMER: B & L CONSTRUCTION
 PROJECT: PROPOSED BUILDING
 LOCATION: PORTLAND, MAINE
 DRAWN BY: [Name]



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

| Frame Line | Col Line | Anchor NOD (in) | Bolt Dia (in) | Base Plate Wtd (in) | Base Plate Len (in) | Base Plate Thk (in) | Grout (in) |
|------------|----------|-----------------|---------------|---------------------|---------------------|---------------------|------------|
| 1 | B | 4 | 0.750 | 8.000 | 14.50 | 0.500 | 0.0 |
| 1 | A | 4 | 0.750 | 8.000 | 14.50 | 0.500 | 0.0 |

ANCHOR BOLT SUMMARY

| Ont Loc | Dia (in) | Proj (in) |
|---------|----------|-----------|
| 16 RF | 3/4" | 2.50 |

RIGID FRAME: BASIC COLUMN REACTIONS (k)

| Frame Line | Column Line | Dead | Live | Wind | Seismic | Collateral | Panel Shear |
|------------|-------------|-------|-------|-------|---------|------------|-------------|
| 1 | B | 0.06 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1 | A | -0.06 | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1 | B | 0.56 | 1.36 | -0.02 | -0.02 | 0.04 | 0.04 |
| 1 | A | 2.61 | -2.00 | -0.02 | -0.02 | 0.04 | 0.04 |

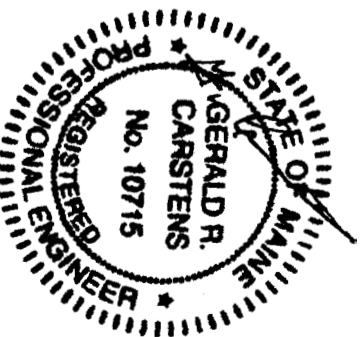
BRACING REACTIONS, PANEL SHEAR

| Loc Line | Col Line | ± Reactions (k) | Panel Shear (lb/ft) |
|----------|------------------------|-----------------|---------------------|
| L-EW 1 | Rigid Frame At Endwall | | |
| R-EW 2 | Rigid Frame At Endwall | | |
| B-SW 1 | | 2.0 | 0.1 |
| B-SW 2 | | 2.8 | 0.1 |

NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding ± or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- Building reactions are based on the following building data:
 - Width (ft) = 20.0
 - Length (ft) = 24.0
 - Eave Height (ft) = 17.7/19.2
 - Roof Slope (rise/12) = 0.9
 - Dead Load (psf) = 3.0
 - Collateral Load (psf) = 0.0
 - Live Load (psf) = 50.0
 - Snow Load (psf) = 50.0
 - Wind Speed (mph) = 100.0
 - Wind Code = IBC
 - Exposure = C
 - Closed/Open = P
 - Importance - Wind = 1.00
 - Importance - Seismic = 1.20
 - Seismic Coeff (F_vS_s) = 0.05
- Loading conditions are:
 - DL+CL+LL
 - 0.60DL+W1.2
 - 0.60DL+WR2
 - 0.60DL+LWmdl
 - 0.60DL+LWmdl
 - 0.60DL-LWmdlR

FOR CONSTRUCTION



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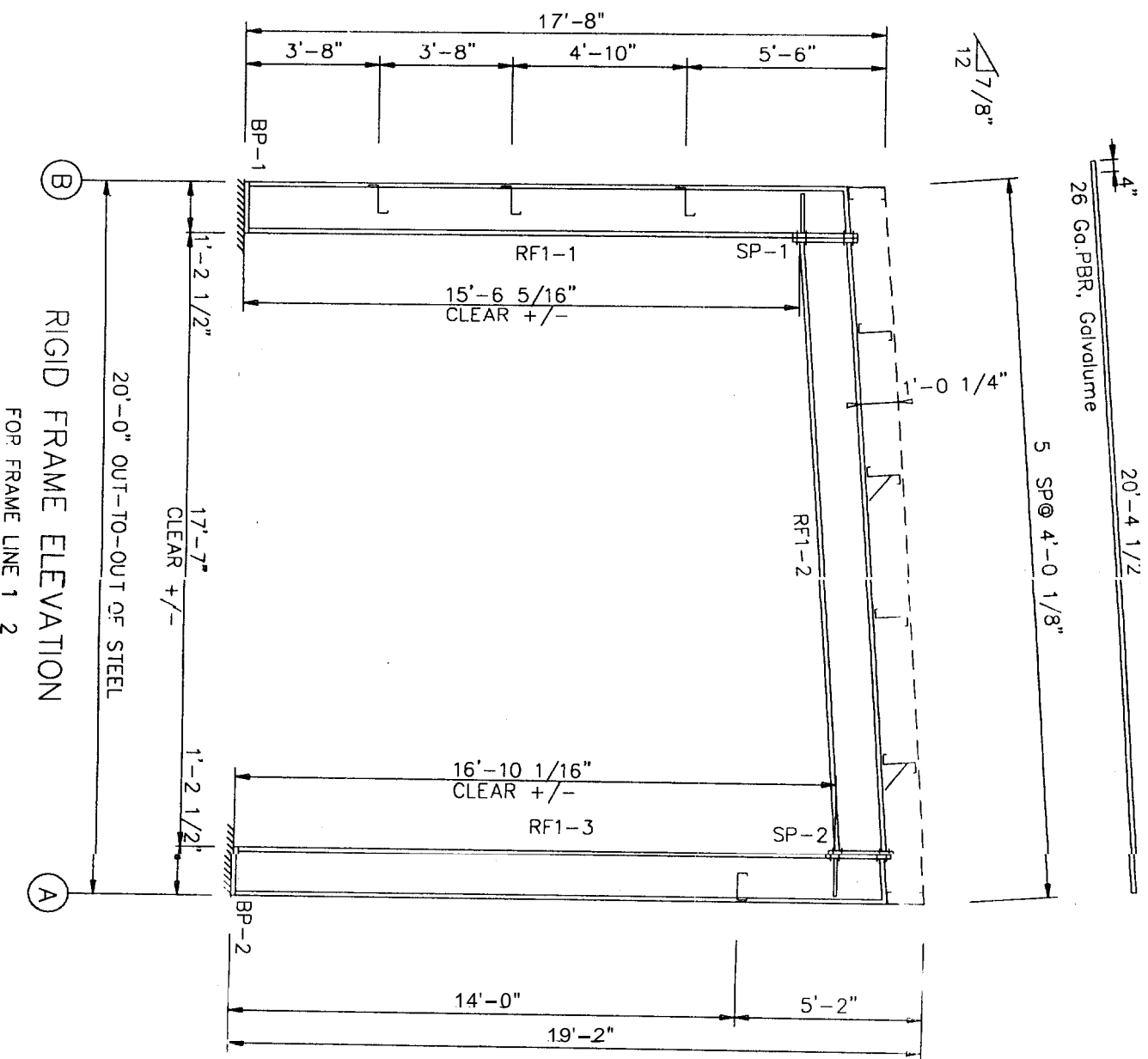
925 WEST KENYON AVENUE
ENGLISHTOWN, MD. 20110
1-888-480-5352

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1-800-215-1996

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| CUSTOMER: | B & L CONSTRUCTION |
| PROJECT: | PROPOSED BUILDING |
| LOCATION: | PORTLAND, MAINE |
| DRAWN BY: | MRS |
| DATE: | 11 / 7 / 2002 |
| JOB#: | |

| Splice Mark | Uprn | Top/Bot | Int Type | Dia | Len | Plate Size | Wid | Thick | Length |
|-------------|------|---------|----------|------|-------|------------|-----|-------|-----------|
| SP-1 | 4 | 4 | 0 | A325 | 0.750 | 2.25 | 6" | 1/2" | 1'-8 5/8" |
| SP-2 | 4 | 4 | 0 | A325 | 0.750 | 2.25 | 6" | 1/2" | 1'-8 5/8" |

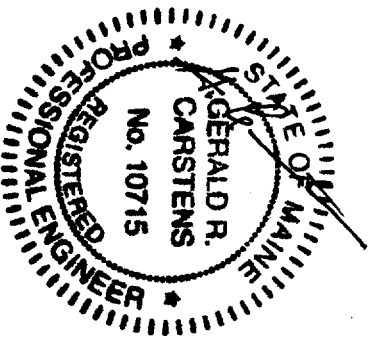
| BASE PLATES | | Plate Size | Length |
|-------------|-----|------------|-----------|
| Col Id | Wid | Thick | Length |
| BP-1 | 8" | 1/2" | 1'-2 1/2" |
| BP-2 | 8" | 1/2" | 1'-2 1/2" |



RIGID FRAME ELEVATION
FOR FRAME LINE 1 2

| PIECE | WEB START/END | DEPTH | WEB THICK | PLATE LENGTH | OUTSIDE FLANGE | | INSIDE FLANGE | |
|-------|---------------|-------|-----------|--------------|----------------|---------|---------------|---------|
| | | | | | W | T x LEN | W | T x LEN |
| RF1-1 | 14.0/14.0 | 14.0 | 0.188 | 200.0 | 5 x 1 1/4" | x 199.0 | 5 x 1 1/4" | x 14.3 |
| RF1-2 | 14.0/14.0 | 14.0 | 0.188 | 211.1 | 5 x 1 1/4" | x 210.1 | 5 x 1 1/4" | x 14.3 |
| RF1-3 | 14.0/14.0 | 14.0 | 0.188 | 216.9 | 5 x 1 1/4" | x 216.9 | 5 x 1 1/4" | x 198.5 |

PERMIT DRAWINGS



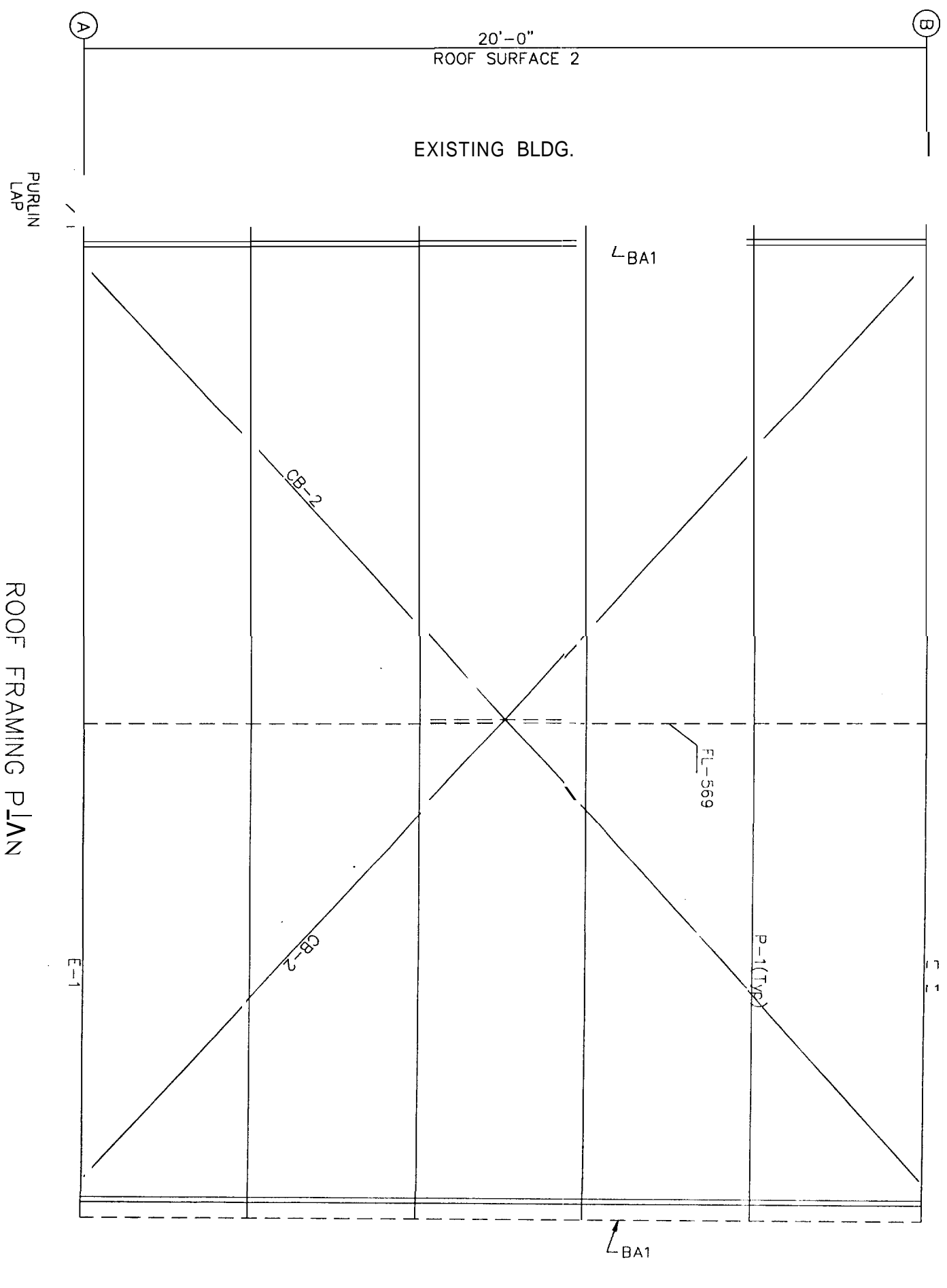
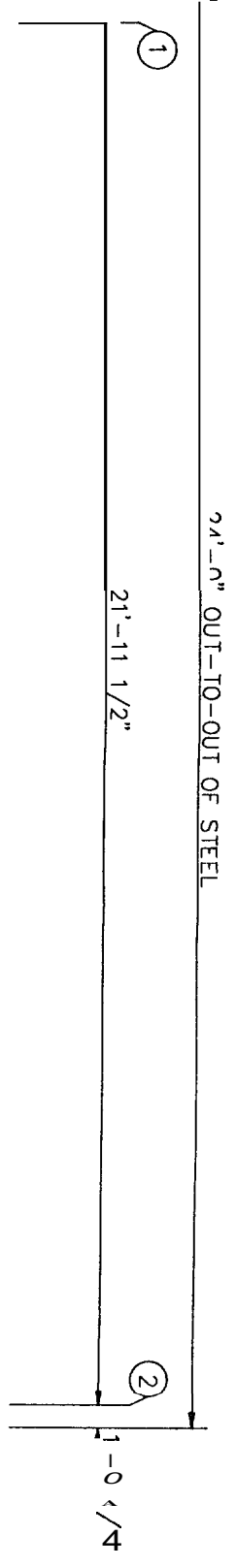
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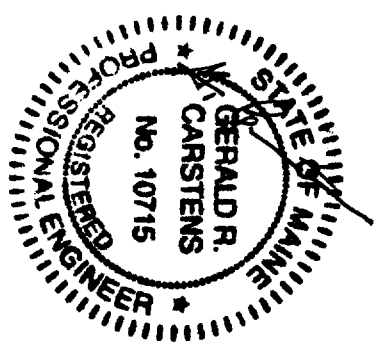
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| CUSTOMER | B & L CONSTRUCTION |
| PROJECT | PROPOSED BUILDING |
| LOCATION | PORTLAND, MAINE |
| DRAWN BY | MBS |
| DATE | 11/9/04 |
| CHECKED BY | |
| JOB# | D4-917 |
| SHEET | |

| MEMBER TABLE | | | |
|--------------|------------|---------|------|
| ROOF PLAN | | | |
| MARK | PART | LENGTH | |
| P-1 | 12X35Z12 | 23'-11" | |
| E-1 | 12E14 | 23'-11" | 1/2" |
| E-2 | 12E14 | 23'-11" | 1/2" |
| CB-2 | 1/4" Cable | 29'-10" | |



ROOF FRAMING PLAN

PERMIT DRAWINGS



| | |
|---|--------------------------------|
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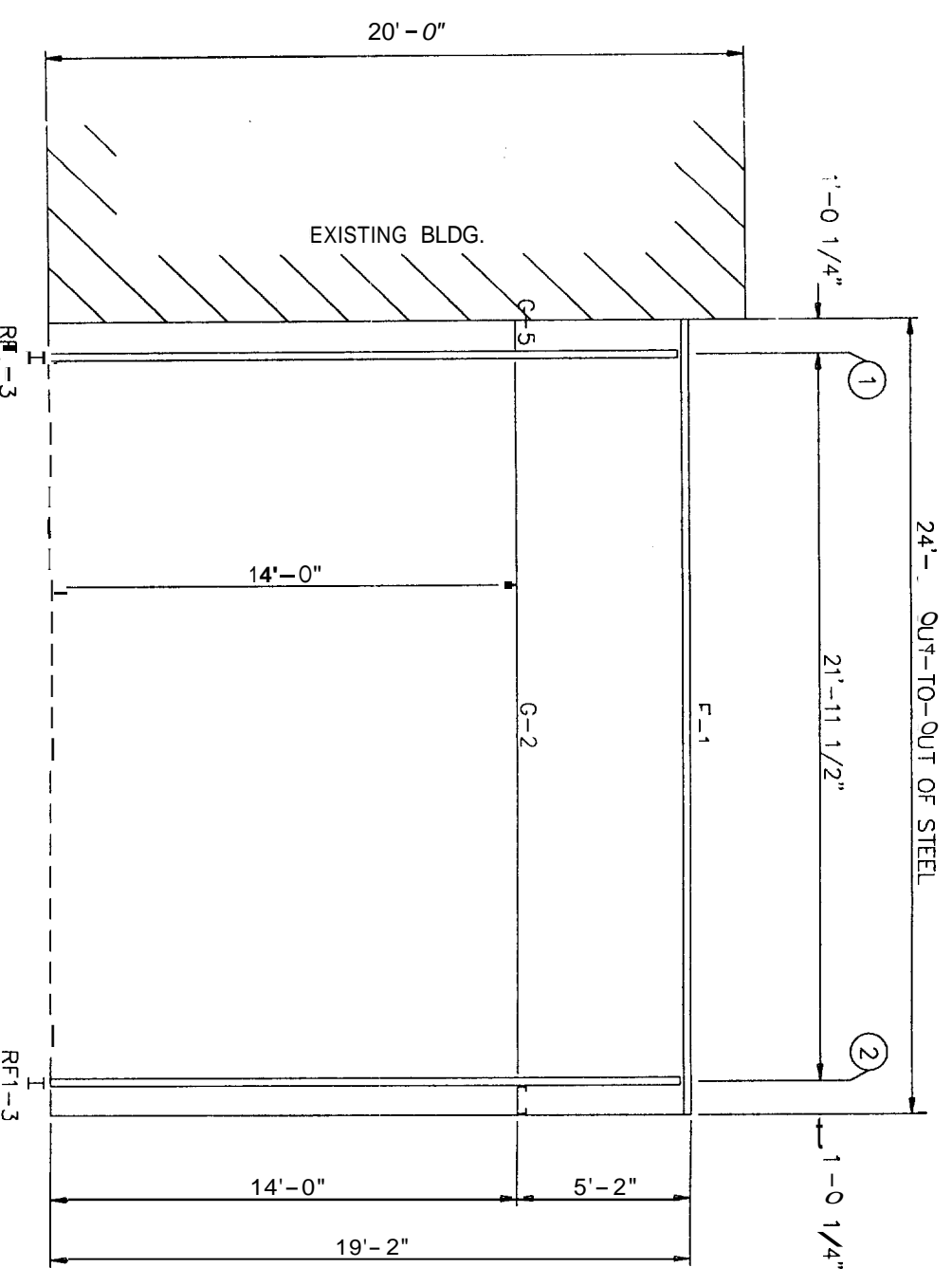
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Building Systems

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1 88-400 58

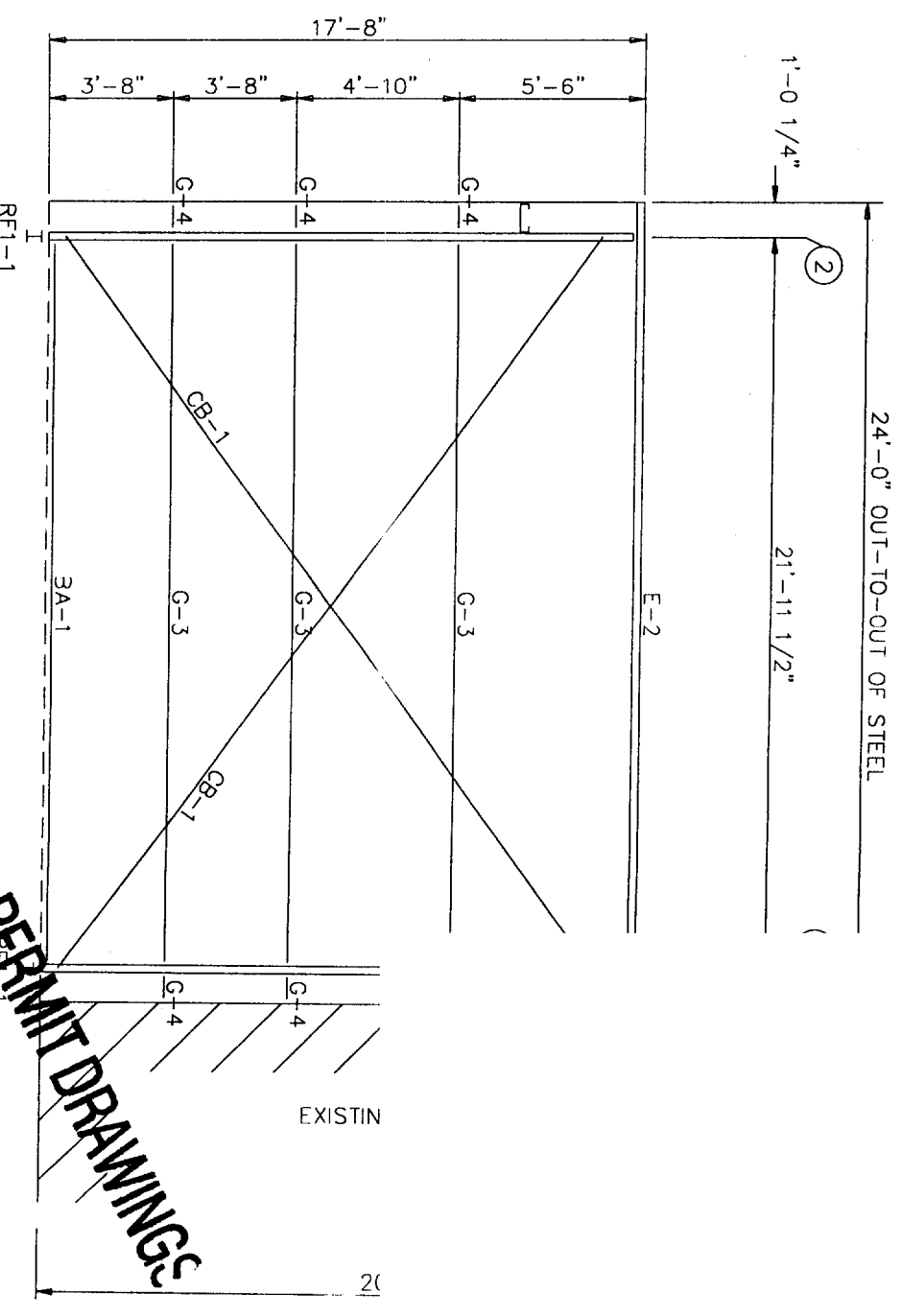
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| LOCATION: | PORTLAND, MAINE |
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| DATE: | 11/ 9/04 |
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| DATE: | |
| JOB#: | D4-917 |
| SHEET: | F-2 |

| MEMBER TABLE | | |
|------------------|-------------|-------------|
| FRAME LINE A & B | | |
| MARK | PART | LENGTH |
| E-1 | 12E14 | 23'-11 1/2" |
| E-2 | 12E14 | 23'-11 1/2" |
| G-2 | 10X25C14 | 21'-2 1/4" |
| G-3 | 10X35Z12 | 21'-2 1/4" |
| G-4 | 10X35Z12 | 0'-7 1/2" |
| G-5 | 10X25C14 | 0'-7 1/2" |
| CB-1 | 5/16" Cable | 27'-8" |

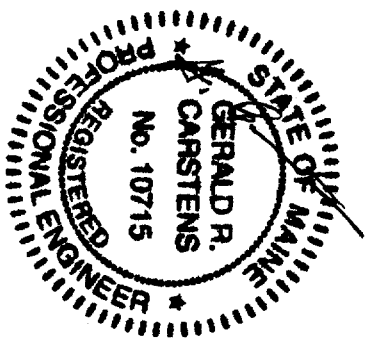


SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE B

* NOTE:
FIELD SLOT GIRTS
AT CENTER OF WEB TO
ALLOW BRACE CABLES
TO PASS THROUGH.
(1"x2" MAX. SLOT SIZE)



PERMIT DRAWINGS

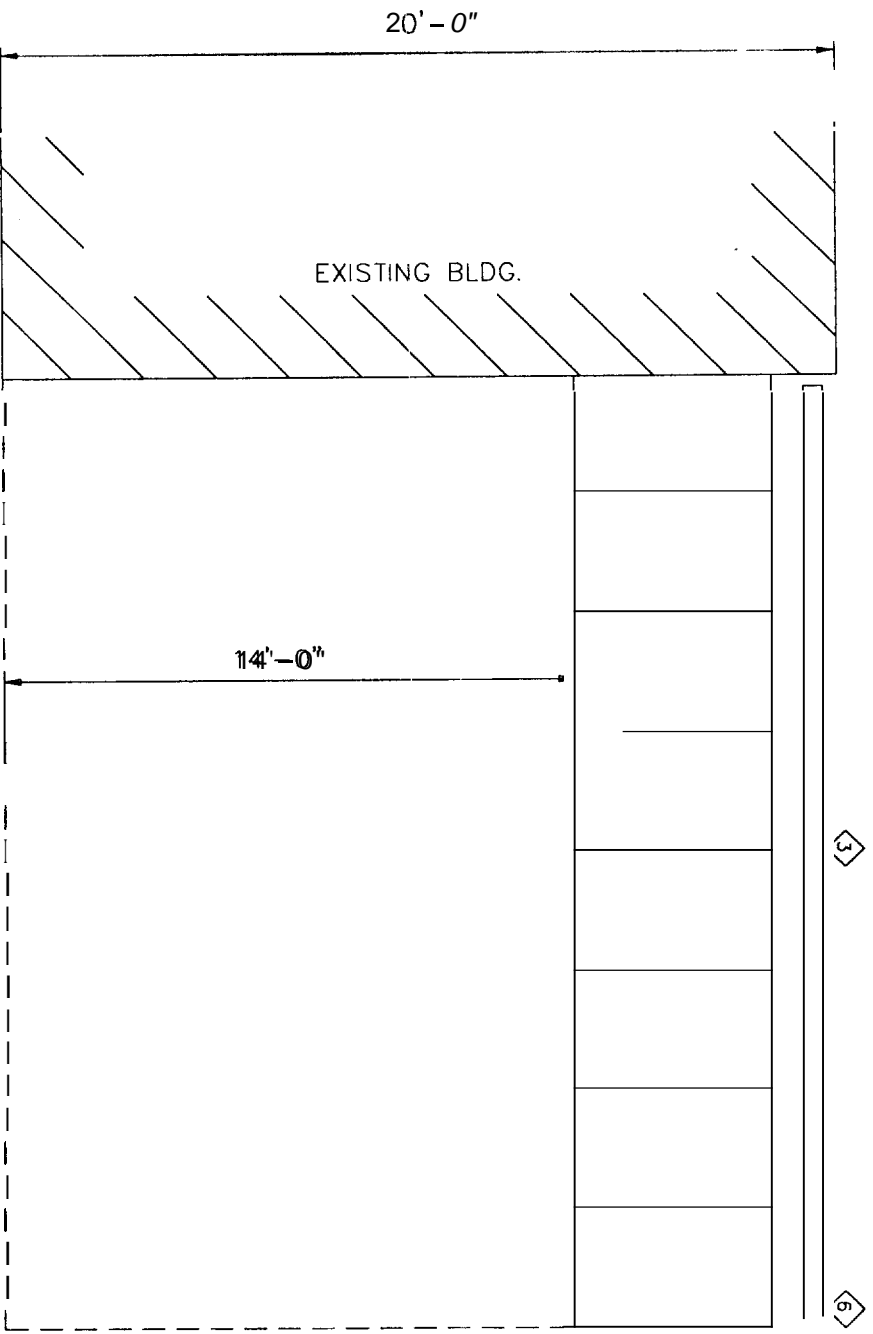
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| CHECKED BY: | DATE: 11/ 9/04 |
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| SHEET: | F-3 |

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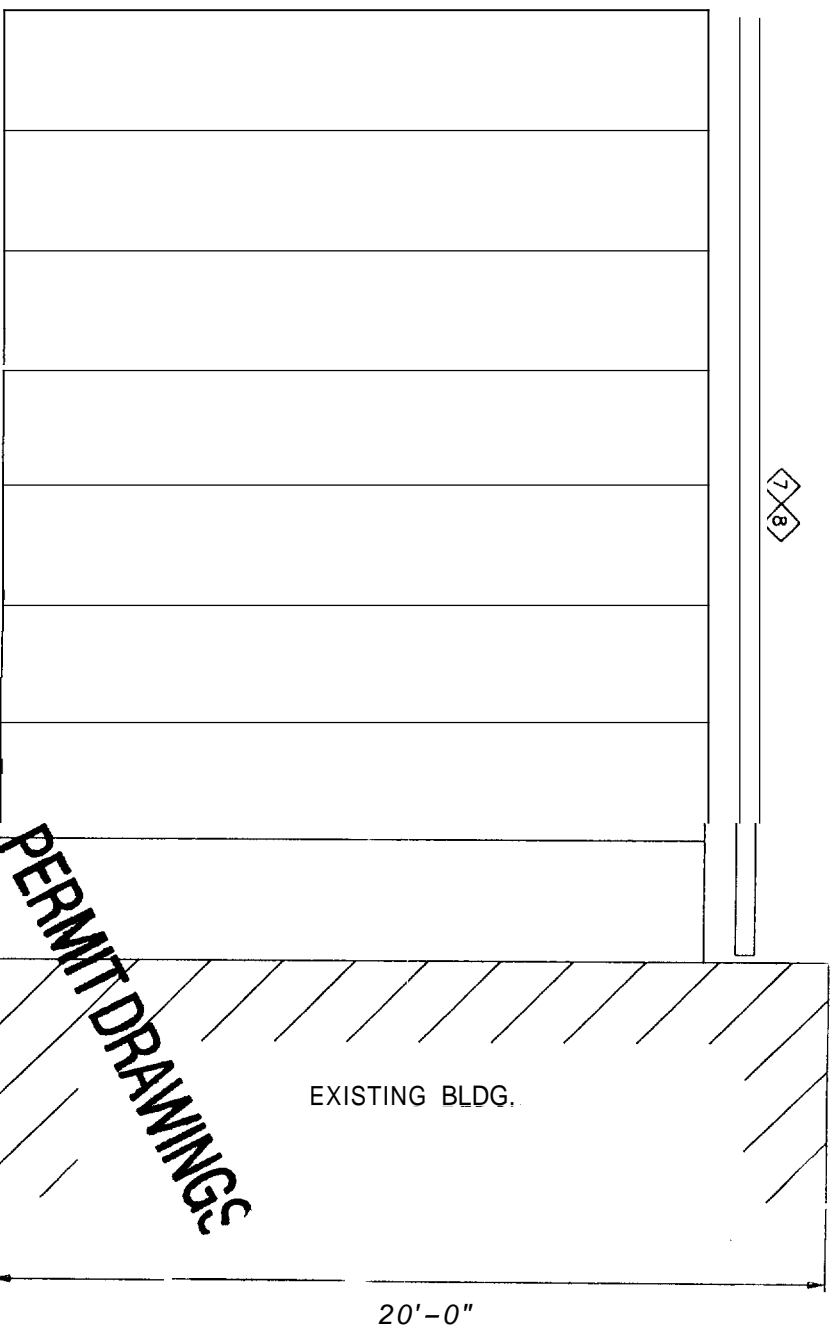
ISSUED FOR CONSTRUCTION NOV.04

| FRAME LINE A & B | LENGTH |
|------------------|--------|
| 3 FL-17A | 20'-2" |
| 6 FL-17R | 10'-2" |
| 7 FL-19 | 10'-2" |
| 8 FL-19A | 20'-2" |



SIDEWALL SHEETING & TRIM: FRAME LINE A

W B



SIDEWALL SHEETING & TRIM: FRAME LINE B

WALL PANELS ARE BY OTHERS

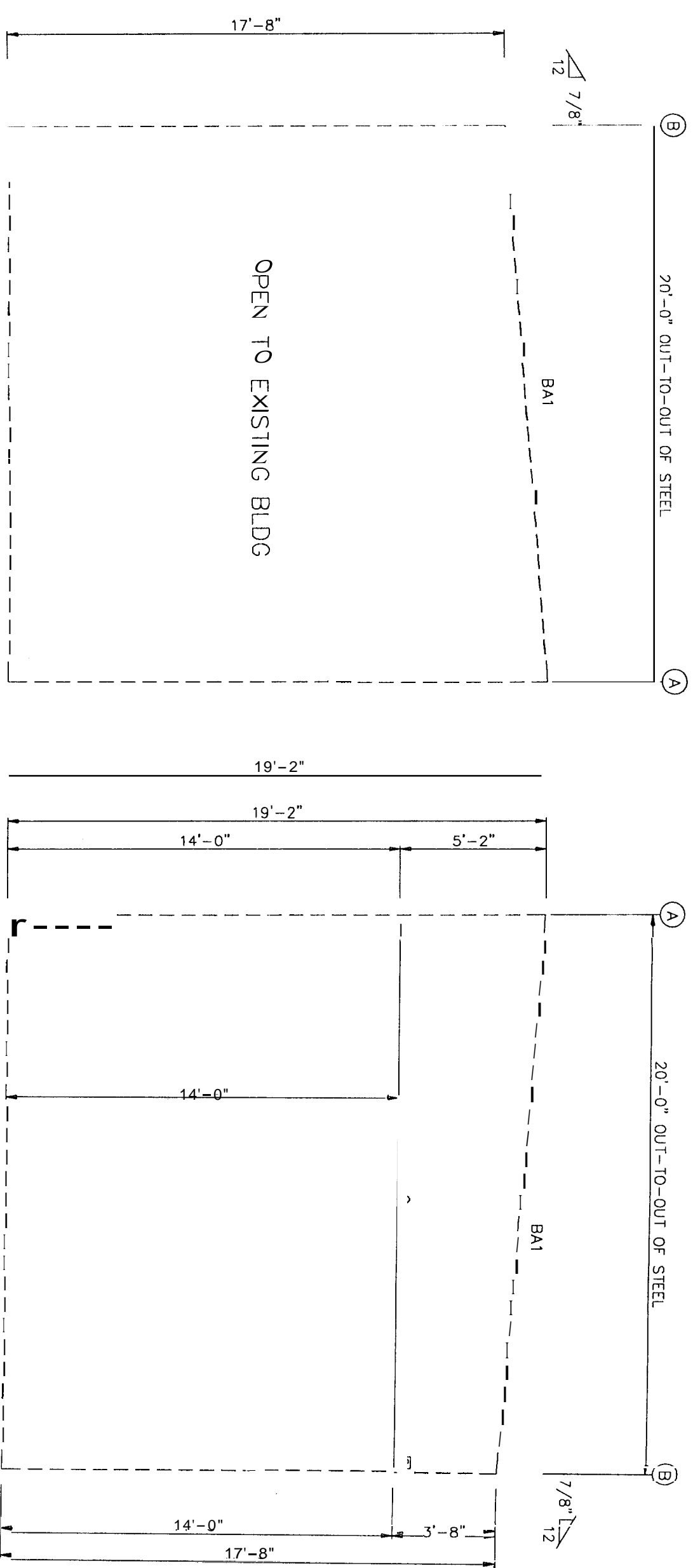


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| PROJECT | PROPOSED BUILDING |
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| JOB# | D4-917 |
| SHEET | E4 |

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| MARK | PART | LENGTH |
|------|---------|--------|
| G-1 | 8X25C14 | 20'-0" |

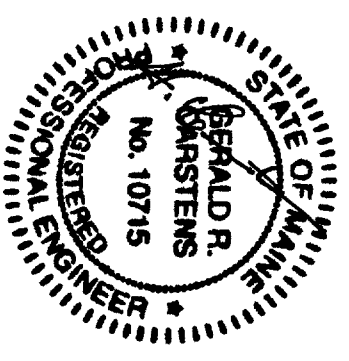
| CONNECTION PLATES | |
|-----------------------------|-----------|
| <input type="checkbox"/> ID | MARK/PART |
| 2 | BGC-100 |



ENDWALL FRAMING: FRAME LINE 1

ENDWALL FRAMING: FRAME LINE 2

PERMIT DRAWINGS



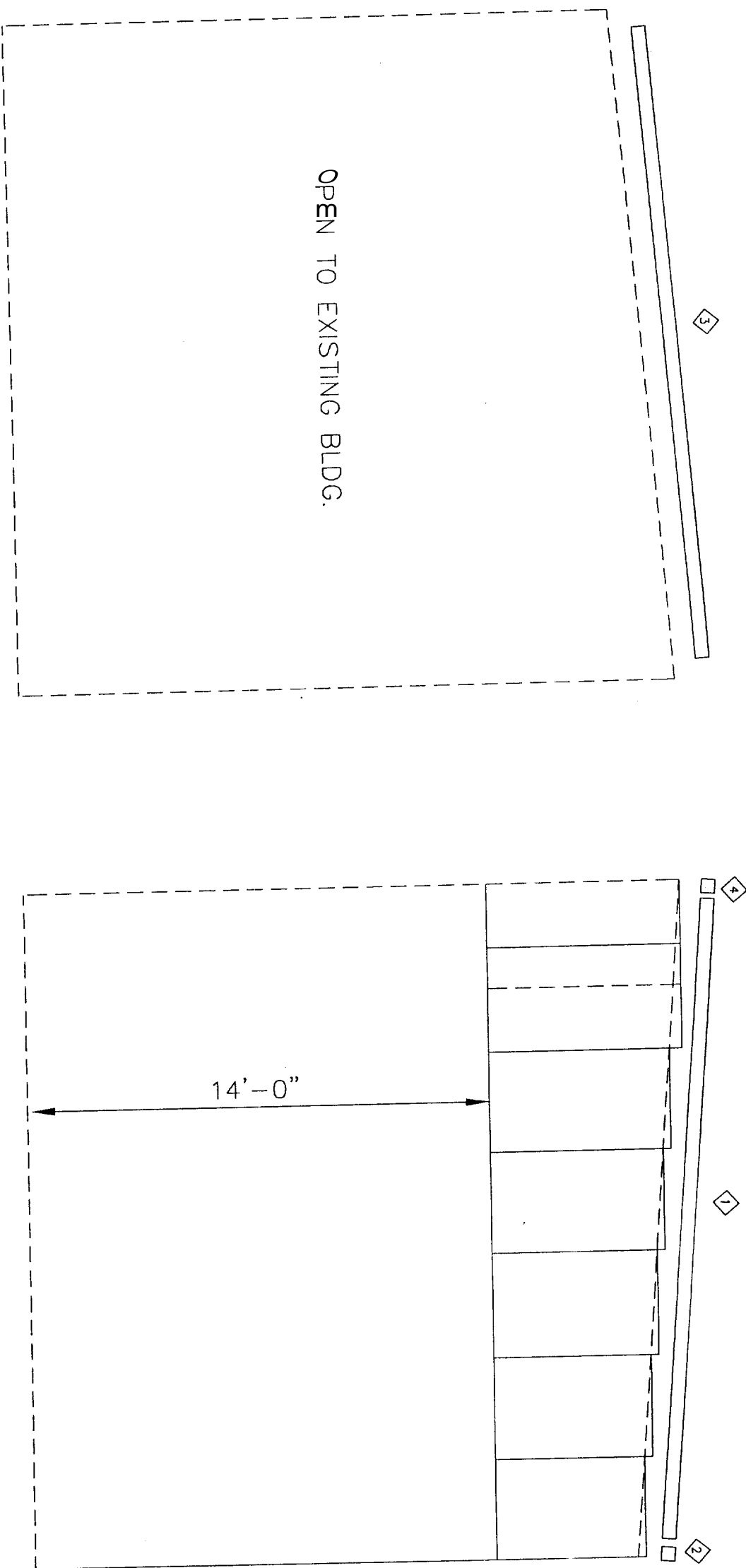
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| PROJECT: PROPOSED BUILDING | |
| LOCATION: PORTLAND, MAINE | |
| DRAWN BY: MBS | DATE: 11/ 9/04 |
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| JOB#: D4-917 | |
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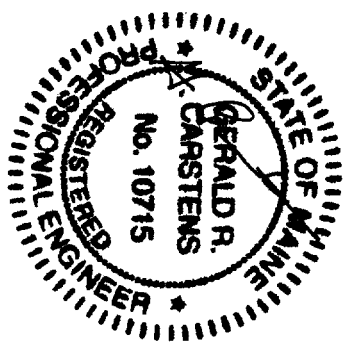
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REVISION: NOV 04

| TRIM TABLE | | |
|------------------|--------|--------|
| FRAME LINE 1 & 2 | | |
| QID | PART | LENGTH |
| 1 | FL-16D | 20'-2" |
| 2 | FL-16A | 1' |
| 3 | FL-953 | 20'-2" |
| 4 | FL-16L | 10'-2" |



PERMIT DRAWINGS

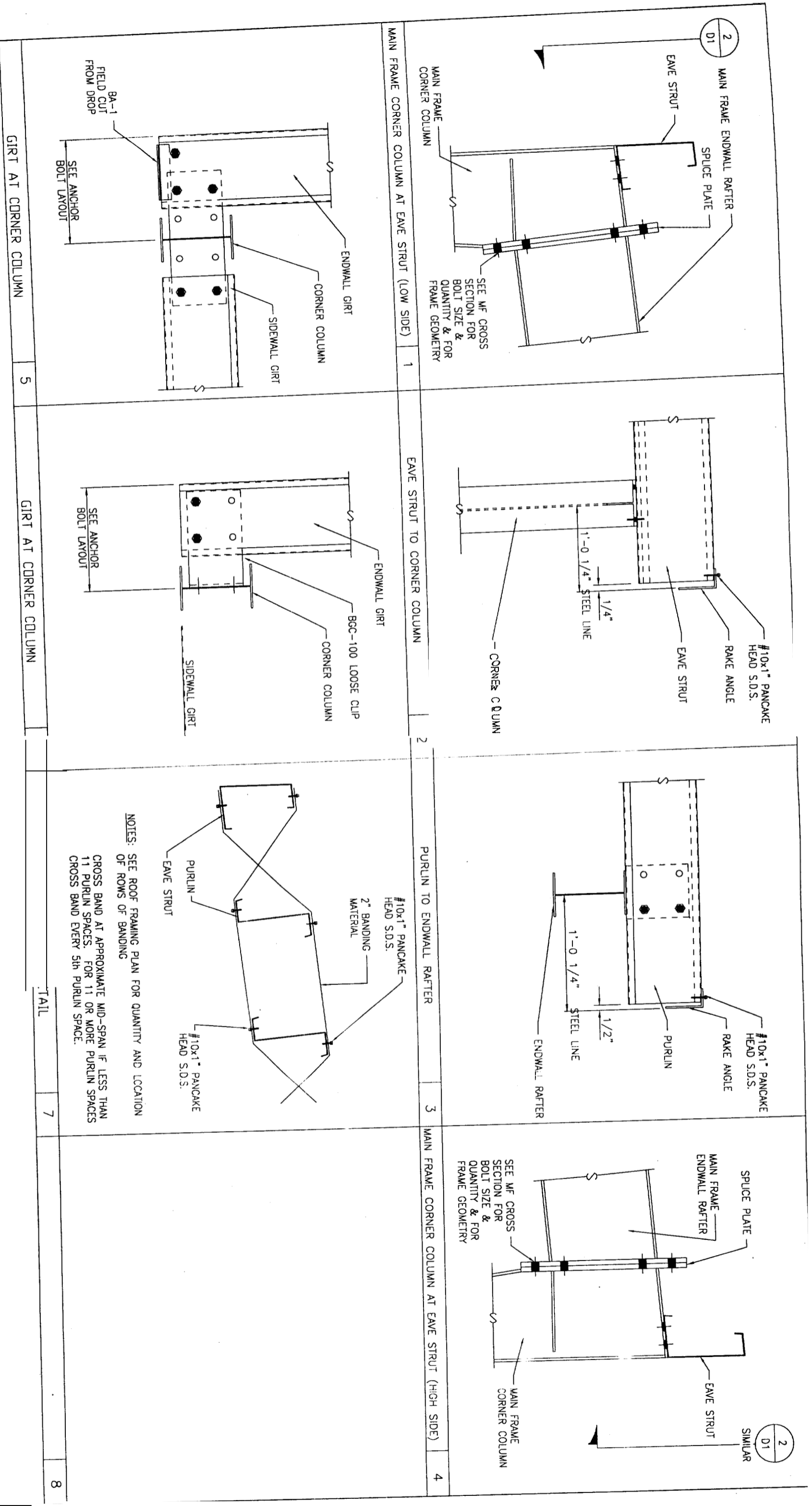


WALL PANELS BY OTHERS

ENDWALL SHEETING & TRIM: FRAME LINE 2

ENDWALL SHEETING & TRIM: FRAME LINE 1

| | | |
|------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|
| | | CUSTOMER: B & L CONSTRUCTION PROJECT: PROPOSED BUILDING LOCATION: PORTLAND, MAINE |
| 925 WEST KENYON AVENUE ENGLEWOOD, CO. 80110 1-888-480-5552 | | DRAWN BY: MBS DATE: 11/9/04 CHECKED BY: DATE: |
| 3149 REGIONAL ROAD #9 YORR, DUNBAR RD 1-800-215-1996 | | JOB#: D4-917 SHEET: E6 |
| ISSUES FOR CONSTRUCTION NOV.04 | | |



GENERAL NOTES

- 1) ALL BOLTS TO BE 1/2"Ø X 1" A307 (UNLESS NOTED)
- 2) VIEWS ARE FROM OUTSIDE BUILDING (UNLESS NOTED)
- 3) ALL DIMENSION ARE (±)
- 4) INSTALL A325 WASHERS ON ALL A325 H.S. BOLTS

○ = Open Hole
● = Bolted



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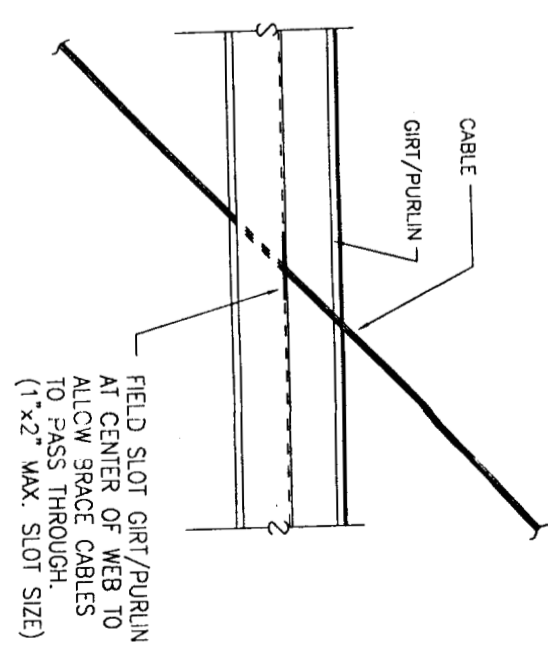
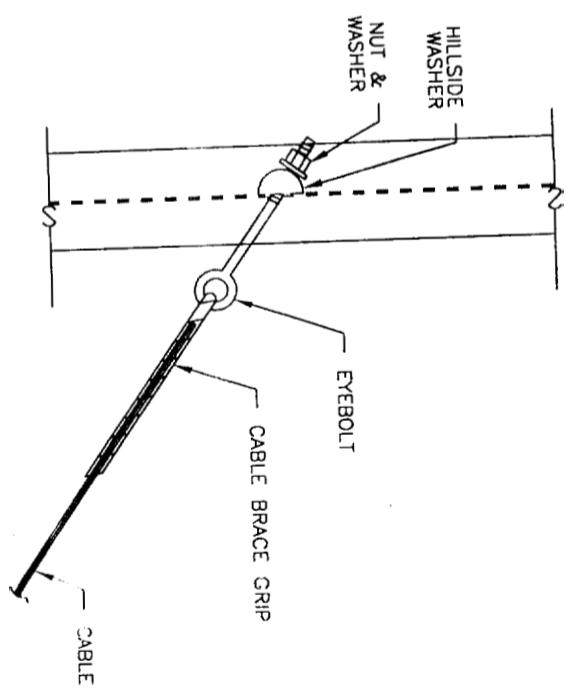
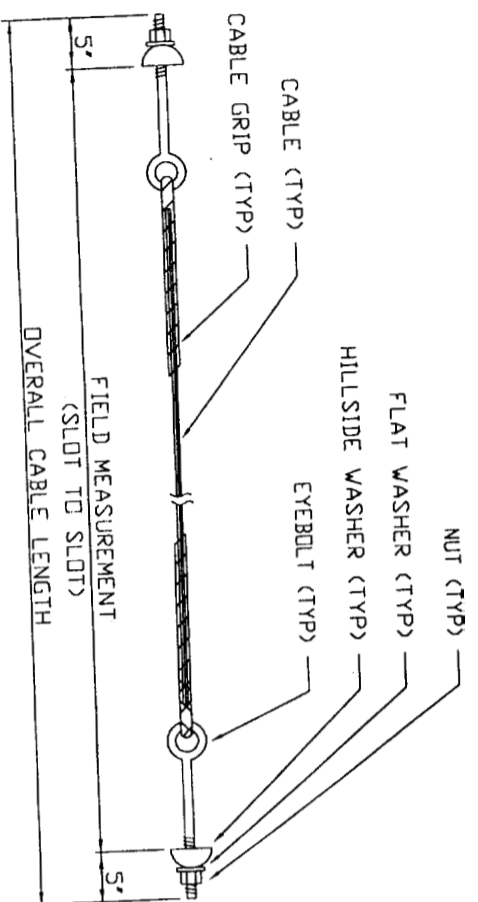
NOTES: SEE ROOF FRAMING PLAN FOR QUANTITY AND LOCATION OF ROWS OF BANDING
CROSS BAND AT APPROXIMATE MID-SPAN IF LESS THAN 11 PURLIN SPACES. FOR 11 OR MORE PURLIN SPACES CROSS BAND EVERY 5th PURLIN SPACE.



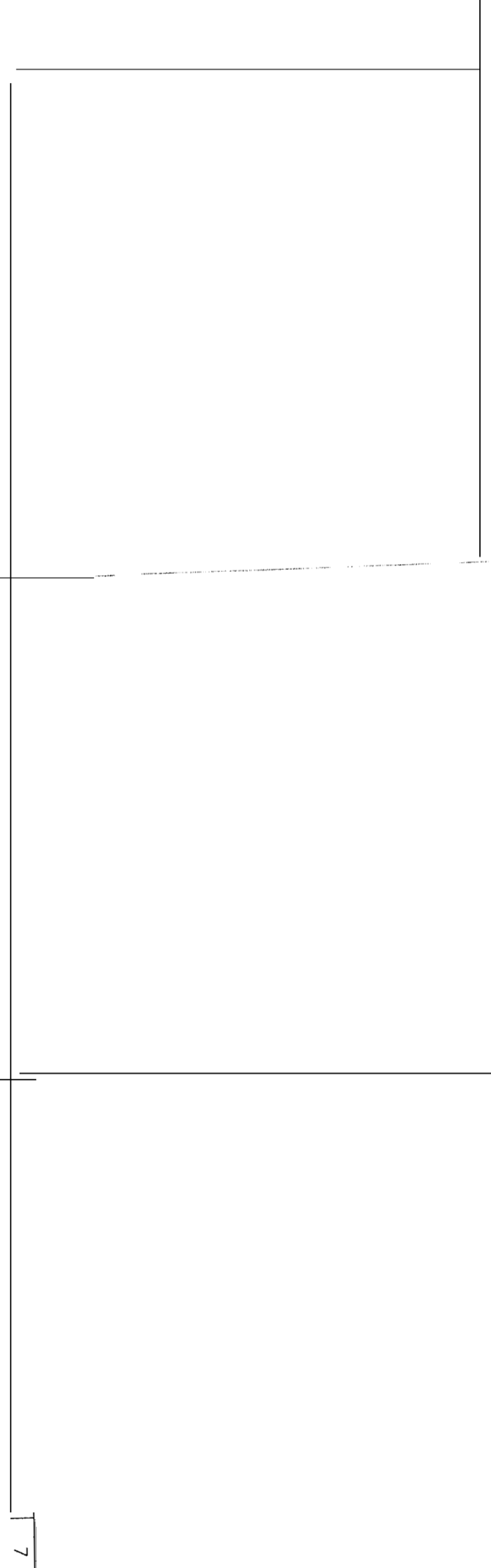
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| | | |
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| PROJECT | PROPOSED BUILDING | |
| LOCATION | PORTLAND, MAINE | |
| DRAWN BY | MBS | DATE: 11/ 9/04 |
| CHECKED BY | | DATE: |
| JOB# | D4-917 | SHEET# |
| | D1 | |



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GENERAL NOTES

- 1) ALL BOLTS TO BE 1/2"Ø X 1" A307 (UNLESS NOTED)
- 2) VIEWS ARE FROM OUTSIDE BUILDING (UNLESS NOTED)
- 3) ALL DIMENSION ARE (±)
- 4) INSTALL A325 WASHERS ON ALL A325 H.S. BOLTS



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| DATE: | |
| JOB#: | D4-917 |
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