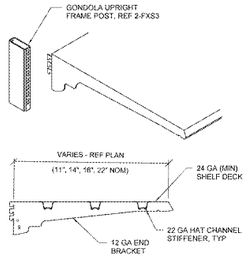
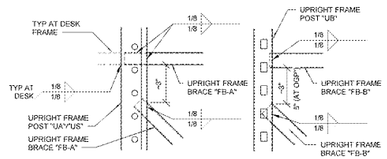
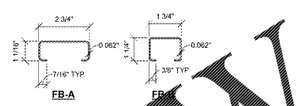



## 7 TYPICAL GONDOLA SHELF SECTION
1 1/2" = 1'-0"

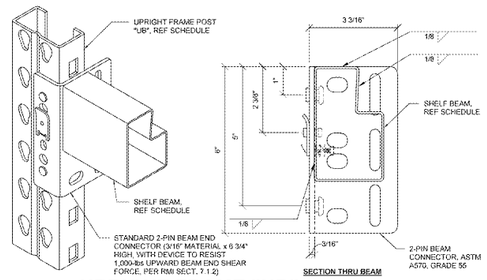



## 6 UPRIGHT FRAME - HORIZ/DIAGONAL BEAM-TO-POST CONNECTION DETAILS
3" = 1'-0"

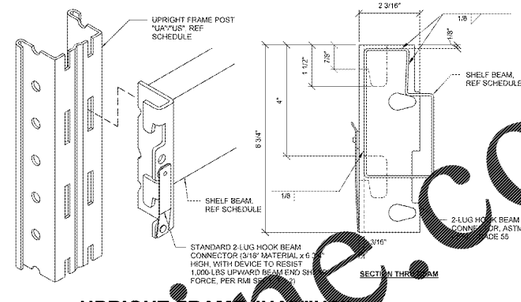



NOTE: ASTM A570, GRADE 55, Fy = 55 KSI

## 5 UPRIGHT FRAME BRACE SECTIONS
4" = 1'-0"




## 9 UPRIGHT FRAME "UB" POST TO SHELF BEAM CONNECTION
6" = 1'-0"




## 8 UPRIGHT FRAME "UA"/"US" POST TO SHELF BEAM CONNECTION
6" = 1'-0"

**RACK FIXTURE SHELF SCHEDULE**

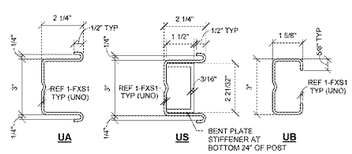
| FIXTURE MARK | FRAME DEPTH (B) | FRAME HEIGHT (H) | TOP SHELF HEIGHT | RACK FIXTURE SHELF BEAM | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | BEAM MARK | BEAM SPAN (L) | H1 | H2 | H3 | H4 | H5 | H6 |
| A | 44" | 120" | 120" | BEAM : SB-A | 93" | 84" | 35" | 0" | 0" | 0" | 0" |
| A2 | 44" | 120" | 120" | BEAM : SB-A | 93" | 108" | 12" | 0" | 0" | 0" | 0" |
| AM | 44" | 120" | 120" | BEAM : SB-A | 45" | 8" | 28" | 28" | 28" | 28" | 0" |
| AP2 | 44" | 120" | 120" | BEAM : SB-A | 93" | 60" | 60" | 0" | 0" | 0" | 0" |
| AP3 | 44" | 120" | 120" | BEAM : SB-A | 93" | 48" | 36" | 36" | 0" | 0" | 0" |
| B | 44" | 120" | 120" | BEAM : SB-A | 45" | 12" | 36" | 36" | 36" | 0" | 0" |
| BAD | 44" | 120" | 120" | BEAM : SB-A | 93" | 12" | 36" | 36" | 36" | 0" | 0" |
| BP | 44" | 120" | 120" | BEAM : SB-A | 93" | 36" | 48" | 36" | 0" | 0" | 0" |
| C | 44" | 120" | 120" | BEAM : SB-A | 93" | 12" | 28" | 28" | 28" | 24" | 0" |
| CL | 24" | 144" | 120" | BEAM : SB-A | 93" | 60" | 60" | 0" | 0" | 0" | 0" |
| CL2 | 24" | 144" | 120" | BEAM : SB-A | 90" | 24" | 24" | 24" | 24" | 24" | 0" |
| CRD | 24" | 144" | 120" | BEAM : SB-A | 93" | 100" | 20" | 0" | 0" | 0" | 0" |
| D | 24" | 120" | 120" | BEAM : SB-A | 93" | 36" | 36" | 24" | 24" | 0" | 0" |
| D | 24" | 120" | 120" | BEAM : SB-A | 45" | 12" | 36" | 36" | 36" | 0" | 0" |
| D | 24" | 120" | 120" | BEAM : SB-A | 93" | 12" | 36" | 36" | 36" | 0" | 0" |
| DF | 44" | 120" | 120" | BEAM : SB-A | 93" | 36" | 20" | 16" | 24" | 24" | 0" |
| DRD | 44" | 120" | 120" | BEAM : SB-A | 93" | 36" | 48" | 36" | 0" | 0" | 0" |
| FB | 44" | 120" | 120" | BEAM : SB-A | 102" | 12" | 24" | 24" | 20" | 20" | 20" |
| FLG | 44" | 120" | 120" | BEAM : SB-A | 102" | 12" | 36" | 36" | 16" | 24" | 0" |
| FN | 44" | 120" | 120" | BEAM : SB-A | 93" | 36" | 20" | 16" | 24" | 24" | 0" |
| G | 44" | 120" | 120" | BEAM : SB-A | 93" | 48" | 36" | 36" | 0" | 0" | 0" |
| GA | 44" | 120" | 120" | BEAM : SB-A | 93" | 96" | 24" | 0" | 0" | 0" | 0" |
| GN | 44" | 120" | 120" | BEAM : SB-A | 45" | 8" | 28" | 28" | 28" | 28" | 0" |
| HAZ | 44" | 120" | 120" | BEAM : SB-A | 45" | 12" | 36" | 32" | 40" | 0" | 0" |
| HAZ | 44" | 120" | 120" | BEAM : SB-A | 93" | 12" | 36" | 32" | 40" | 0" | 0" |
| JC | 44" | 120" | 120" | BEAM : SB-A | 93" | 48" | 36" | 36" | 0" | 0" | 0" |
| JC1 | 44" | 120" | 120" | BEAM : SB-A | 93" | 60" | 24" | 36" | 0" | 0" | 0" |
| MD9 | 44" | 120" | 120" | BEAM : SB-A | 102" | 36" | 48" | 36" | 0" | 0" | 0" |
| PHL | 44" | 120" | 120" | BEAM : SB-A | 102" | 8" | 32" | 28" | 28" | 24" | 0" |
| RX | 44" | 120" | 120" | BEAM : SB-A | 93" | 12" | 88" | 20" | 0" | 0" | 0" |
| RXL | 44" | 120" | 120" | BEAM : SB-A | 102" | 8" | 32" | 28" | 28" | 24" | 0" |
| SSL | 44" | 120" | 120" | BEAM : SB-A | 102" | 8" | 32" | 28" | 28" | 24" | 0" |
| TLL | 30" | 120" | 120" | BEAM : SB-A | 102" | 8" | 28" | 28" | 28" | 26" | 0" |
| W | 24" | 84" | 84" | BEAM : SB-A | 102" | 12" | 36" | 36" | 0" | 0" | 0" |
| YZ | 44" | 120" | 120" | BEAM : SB-B | 93" | 48" | 36" | 36" | 0" | 0" | 0" |

**RACK UPRIGHT FRAME SCHEDULE**

| FRAME MARK | FRAME DEPTH (B) | FRAME HEIGHT (H) | POST TYPE | BASE PLATE TYPE | HORIZ/DIAG FRAME BRACES | | | | FRAME DIAGONALS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | BRACE TYPE | D1 | D2 | D3 | D1 | D2 | D3 |
| 24-84.075A | 24" | 84" | POST : UA-075 | BASE : BP-UA | BRACE : FB-A | 40" | 28" | 0" | Yes | No | No |
| 24-120.075A | 24" | 120" | POST : UA-075 | BASE : BP-UA | BRACE : FB-A | 40" | 40" | 24" | Yes | Yes | No |
| 24-144.075A | 24" | 144" | POST : UA-075 | BASE : BP-UA | BRACE : FB-A | 40" | 40" | 48" | Yes | Yes | Yes |
| 24/44-120.075A | 44" | 120" | POST : UA-075 | BASE : BP-UA | BRACE : FB-A | 52" | 52" | 0" | Yes | Yes | No |
| 30-120.075A | 30" | 120" | POST : UA-075 | BASE : BP-UA | BRACE : FB-A | 40" | 40" | 24" | Yes | Yes | No |
| 44-120.075A | 44" | 120" | POST : UA-075 | BASE : BP-UA | BRACE : FB-A | 40" | 40" | 24" | Yes | Yes | No |
| 44-120.075B | 44" | 120" | POST : UB-075 | BASE : BP-UB | BRACE : FB-B | 40" | 40" | 24" | Yes | Yes | No |
| 44-120.125S | 44" | 120" | POST : US-125 | BASE : BP-US | BRACE : FB-A | 40" | 40" | 24" | Yes | Yes | No |

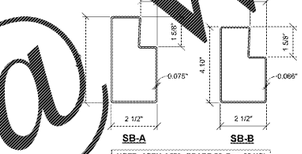
**POST SCHEDULE**

| MARK | WIDTH | DEPTH | THICKNESS |
|---|---|---|---|
| UA-075 | 3" | 2 1/4" | 0.075" |
| UB-075 | 3" | 1 5/8" | 0.075" |
| US-125 | 3" | 2 1/4" | 0.125" |



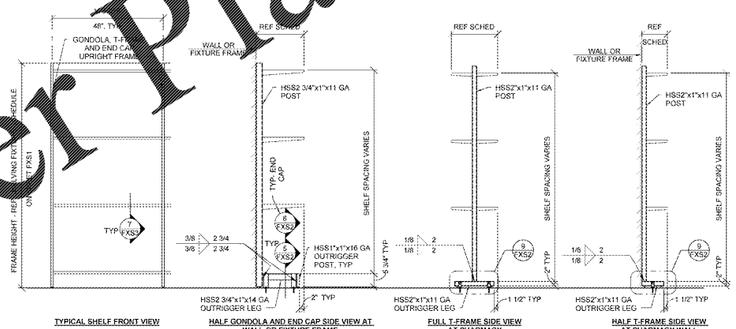

NOTE: ASTM A570, GRADE 55, Fy = 55 KSI

## 4 UPRIGHT FRAME POST SECTIONS
4" = 1'-0"



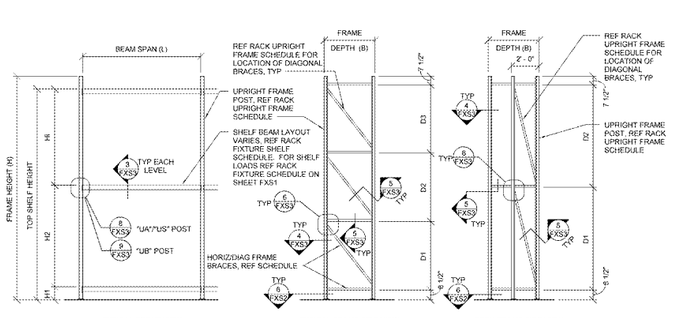

NOTE: ASTM A570, GRADE 55, Fy = 55 KSI

## 3 RACK SHELF BEAM SECTIONS
4" = 1'-0"




NOTE: GONDOLA/T-FRAME UPRIGHT AND OUTRIGGER LEG MEMBERS USE ASTM A570, GRADE 45 MATERIAL.

## 2 TYPICAL GONDOLA, PHARMACY T-FRAME AND END CAP FRAMING ELEVATIONS
1/2" = 1'-0"




## 1 STORAGE AREA AND SALES FLOOR RACK FRAMING ELEVATIONS
1/4" = 1'-0"

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FXS3