



## City of Portland, Oregon - Bureau of Development Services

1900 SW Fourth Avenue • Portland, Oregon 97201 • 503-823-7300 • [www.portlandoregon.gov/bds](http://www.portlandoregon.gov/bds)



### Permit Revision Application and Submittal Requirements

A Permit Revision is required when there are proposed changes to the project after the permit has been issued. This may arise due to discrepancies between the city-approved permit drawings and actual field conditions, or the customer has changed their mind about an aspect of the project. In all cases, a revision to the existing permit must be submitted, reviewed and approved.

#### Applicants will provide:

☐ A copy of this application

☐ Three (3) sets of plans that clearly reflect the proposed change(s).

Drawings and calculations must be stamped and signed by the Architect and/or the Engineer of Record, if applicable.

☐ One (1) copy of the original city approved permit drawings. (NOTE: If your project has an assigned process manager please contact them regarding submittal of the revision).

☐ Two (2) sets of calculations, if applicable

☐ Inspector's correction notice, if revision is due to an inspection correction

☐ Revision fee (paid at time of submittal)

#### Contact Information:

Contact name Chris Christensen

Address 304 E 45<sup>th</sup> Street

City Vancouver State WA Zip Code 98663

Phone 503 758-1773 Email crcps@gmail.com

Value of proposed revision \$3,000 Issued permit # 14-22416 CO

Description of revision \_\_\_\_\_

#### Fees:

The Permit Revisions are subject to fees associated with plan review, processing and any increase in project value. Additional fees may apply if adding plumbing fixtures.

The Bureau of Development Services fee schedule is available under the fees tab on the BDS web site at: [www.portlandoregon.gov/bds](http://www.portlandoregon.gov/bds). Fees are updated annually on July 1st.

#### Helpful Information:

**Bureau of Development Services**  
City of Portland, Oregon  
1900 SW 4th Avenue, Portland, OR 97201  
[www.portlandoregon.gov/bds](http://www.portlandoregon.gov/bds)

#### Submit your plans in person to:

Development Services Center (DSC), First Floor,  
For Hours Call 503-823-7310 | Select option 1

#### Important Telephone Numbers:

BDS main number ..... 503-823-7300  
DSC automated information line ..... 503-823-7310  
Building code information ..... 503-823-1456  
BDS 24 hour inspection request line ..... 503-823-7000  
Residential information for  
one and two family dwelling ..... 503-823-7388  
General Permit Processing and  
Fee Estimate info ..... 503-823-7357  
City of Portland TTY ..... 503-823-6868



# Branch Facilities Office #TBD - Portland, Oregon

Owner:

# H&R Block

## PROJECT TEAM

### GENERAL CONTRACTOR:

HORIZON RETAIL CONSTRUCTION, INC.  
1500 HORIZON DRIVE  
STURTEVANT, WI 53177  
MAIN: 262.638.6000  
MAIN FAX: 262.638.6015

### BUILDING OWNER CONTACT:

KIA HARLEY 503.228.3080  
khartley@urbanworksrealestate.com

### PROFESSIONAL ENGINEER:

SCHNACKEL ENGINEERS, INC.  
3035 SOUTH 72ND STREET  
OMAHA, NE 68124  
PHONE: 402-391-7680  
FAX: 402-391-7488

### STRUCTURAL ENGINEER:

CARUSO TURLEY SCOTT  
1215 W. RIO SALADO PKWY  
SUITE 200  
TEMPE, AZ 85281  
T: (480) 774-1700

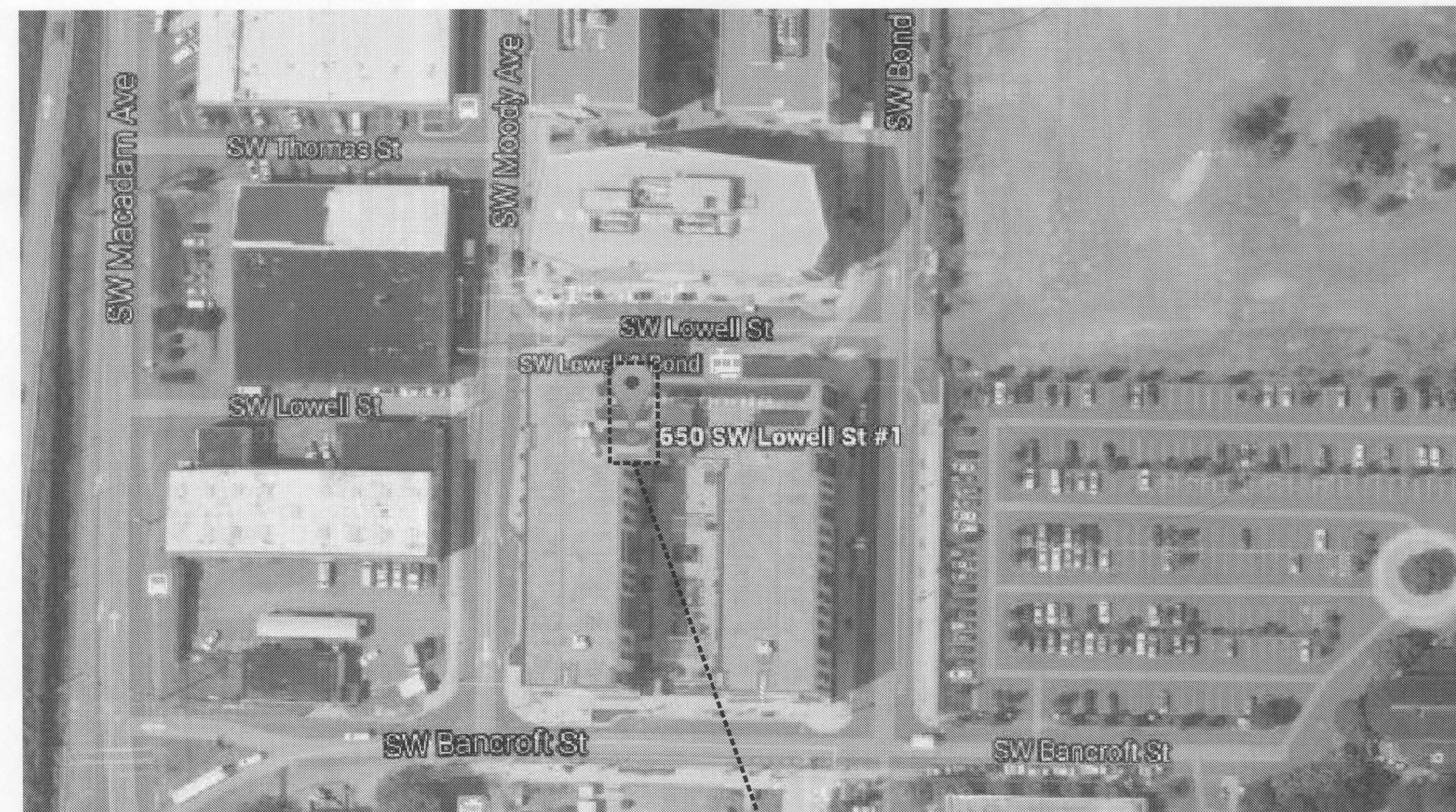
## SIGNAGE NOTES

SIGNAGE: GENERAL CONTRACTOR (GC) TO VERIFY EXISTENCE & FUNCTIONALITY OF SIGN CIRCUIT ALONG SIGN BAND SERVING SUBJECT SPACE. EXISTING CIRCUIT MUST BE LOCATED IN/ON THE SIGN BAND ABOVE THE SUBJECT SPACE & WITHIN SIX FEET (6') OF THE CENTERLINE OF THE SPACE. THE CIRCUIT SHOULD BE DIRECT FEED FROM THE ELECTRICAL PANEL WITHIN THE TENANT SPACE & BE FED THROUGH A TIME CLOCK OR PHOTOCELL. SHOULD THE CIRCUIT NOT EXIST AND/OR BE DEEMED NON-FUNCTIONAL, GC TO PROVIDE INSTALLATION OF NEW DEDICATED SIGN CIRCUIT, PHOTOCELL & JUNCTION BOX TO BE MOUNTED WITHIN THE SIGN BAND NO MORE THAN SIX FEET (6') FROM THE CENTERLINE OF THE SUBJECT SPACE. COST FOR INSTALLATION OF THE CIRCUIT, J-BOX & PHOTOCELL TO BE INCLUDED IN THE BASE ELECTRICAL BID FOR THE PROJECT.

## NOTE TO CONTRACTOR

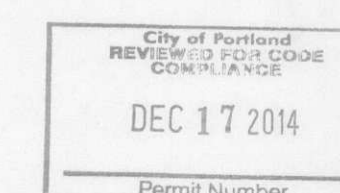
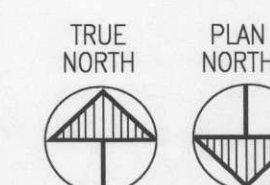
IT IS THE CONTRACTOR'S RESPONSIBILITY TO THOROUGHLY REVIEW THE OWNER'S DESIGN INTENT DRAWINGS & NOTIFY THE ARCHITECT IMMEDIATELY WITH ANY MAJOR DISCREPENCIES. THE ARCHITECT SHALL IN NO WAY BE HELD RESPONSIBLE FOR ANY DIFFERENCES BETWEEN THE DESIGN INTENT AND ARCHITECT PROVIDED DRAWINGS.

## PROJECT LOCATION



AREA OF WORK:  
H&R BLOCK  
1286 NET SF, (B) - BUSINESS  
PROFESSIONAL SERVICES

Site Aerial  
NTS



## PROJECT INFORMATION

- APPLICABLE CODES:
  - 2011 OREGON STRUCTURAL SPECIALTY CODE
  - 2014 OREGON ENERGY EFFICIENCY CODE
  - 2007 PORTLAND FIRE CODE
  - 2014 OREGON MECHANICAL SPECIALTY CODE
  - 2011 OREGON ELECTRICAL SPECIALTY CODE
  - 2011 OREGON PLUMBING SPECIALTY CODE
- CONSTRUCTION TYPE:
  - TYPE I-B FIRE RESISTIVE, NON-COMBUSTIBLE
- FIRE PROTECTION:
  - BUILDING IS FULLY SPRINKLERED
- OCCUPANCY:
  - PARTIAL 1ST FLOOR OF EXISTING SIX-STORY BUILDING: (B) BUSINESS
- PROJECT AREA:
  - PARTIAL 1ST FLOOR: 1286 GROSS SF
- CALCULATED OCCUPANT LOAD (PARTIAL 1ST FLOOR): SEE SHEET A4

## LIST OF DRAWINGS

ARCHITECTURAL SHEETS  
T1 COVER SHEET  
A1 DEMOLITION / CONSTRUCTION / FINISH PLANS  
A2 REFLECTED CEILING / POWER / VOICE DATA PLANS  
A3 FURNITURE PLAN / DETAILS / PARTITION TYPES  
A4 CODE SUMMARY PLAN

ELECTRICAL SHEETS  
E0 ELECTRICAL SCHEDULES AND DETAILS  
E1 ELECTRICAL PLANS  
E2 ELECTRICAL SPECIFICATIONS  
E3 ELECTRICAL SPECIFICATIONS

MECHANICAL SHEETS  
M1 H.V.A.C. PLAN  
M2 H.V.A.C. SCHEDULES AND DETAILS  
M3 H.V.A.C. DETAILS  
M4 H.V.A.C. SPECIFICATIONS  
M5 H.V.A.C. SPECIFICATIONS  
M6 H.V.A.C. SPECIFICATIONS

STRUCTURAL SHEETS  
S1 RAMP FOUNDATION PLAN, DETAILS & NOTES  
S2 TRANSFORMER PLATFORM PLAN, DETAILS & NOTES

## H&R BLOCK NOTES

- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS; IF THERE ARE ANY CHANGES, REVISIONS, OR DISCREPANCIES PLEASE CALL: ALICE AT 314.801.9595 \*\*EXISTING AND NEW PARTITION DIMENSION TOLERANCE IS 2" TO 6" UNLESS NOTED AS HOLD.\*\*
- CONTRACTOR TO PROVIDE SEPARATE HVAC CONTROLS FOR HRB SPACE.
- CONTRACTOR TO PROVIDE NEW ELECTRICAL DEVICES AS INDICATED ON PLAN. IF SCHEDULED TO REMAIN, VERIFY EXISTING DEVICES ARE IN GOOD WORKING CONDITION (REMOVE AND PATCH DEVICES THAT ARE EXISTING IN REMAINING WALLS OVER 24" AFF)
- 3-WAY SWITCH SHALL BE INSTALLED AT EACH MEANS OF EGRESS FROM DEMISED SPACE IF NOT EXISTING.
- CONTRACTOR TO FURNISH AND INSTALL 4'X4' FIRE-TREATED PLYWOOD PHONE BOARD AS SHOWN WITH DEDICATED QUAD OUTLET 30" AFF PAINTED TO MATCH WALL COLOR WITH FIRE-RATING LEFT VISIBLE.
- CONTRACTOR TO PROVIDE A BOX AND PULLSTRING AT EACH VOICE/DATA LOCATION (SEE IT NOTES AND LOCATIONS ON SHEET A2) AND COORDINATE WITH IDENTIFIED LOW VOLTAGE VENDOR FOR CABLE INSTALLATION.
- MECHANICAL, ELECTRICAL AND PLUMBING (MEP) ARE ALL DESIGN-BUILD; MEP CONTRACTORS REQUIRED TO OBTAIN NECESSARY DRAWINGS, PERMITS, ETC.
- RELOCATE/ADD SUPPLY/RETURN GRILLES AS REQUIRED PER NEW PARTITIONS FOR COMPLETE AND BALANCED WORKING SYSTEM.
- RELOCATE/ADD LIGHTING AS REQUIRED PER NEW PARTITIONS FOR CONSISTENT LIGHT THROUGHOUT
- EXISTING DUPLEX RECEPTACLES CAN BE USED TO MEET REQUIREMENTS IF WITHIN 6" OF DESIRED LOCATION.

LAWRENCE GROUP

Austin Carolinas New York Philadelphia St. Louis  
Office: 319 North 4th Street  
Suite 1000  
St. Louis, Missouri 63102  
p 314.221.0700  
f 314.221.0850

Project Team:  
General Contractor:

HORIZON RETAIL CONSTRUCTION, INC.  
1500 HORIZON DRIVE  
STURTEVANT, WI 53177  
MAIN: 262.638.6000  
MAIN FAX: 262.638.6015

Professional Engineer:

SCHNACKEL ENGINEERS, INC.  
3035 SOUTH 72ND STREET  
OMAHA, NE 68124  
PHONE: 402-391-7680  
FAX: 402-391-7488

Professional Seal:

Project Title:

Branch Office Facility  
H&R Block  
Branch #TBD  
650 SW Lowell, Suite 1

The Professional Architect's seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents exhibiting this seal shall not be considered as the work of this architect, and this architect expressly disclaims any and all responsibility for such plans, drawings or documents not exhibiting this seal.

This drawing and details on it are the sole property of the architect and may be used for this specific project only. It shall not be loaned, copied or reproduced, in whole or in part, or for any other purpose or project without the written consent of the architect.

No.	Description	Date
1	OWNER REVISION 1	09/30/14
2	OWNER REVISION 2	11/14/14
3	CITY REVISION 3	12/10/14

Sheet Title:

Project Number:

14923.011

Drawn By:

AMR

Issue Date:

September 15, 2014

Sheet Number:

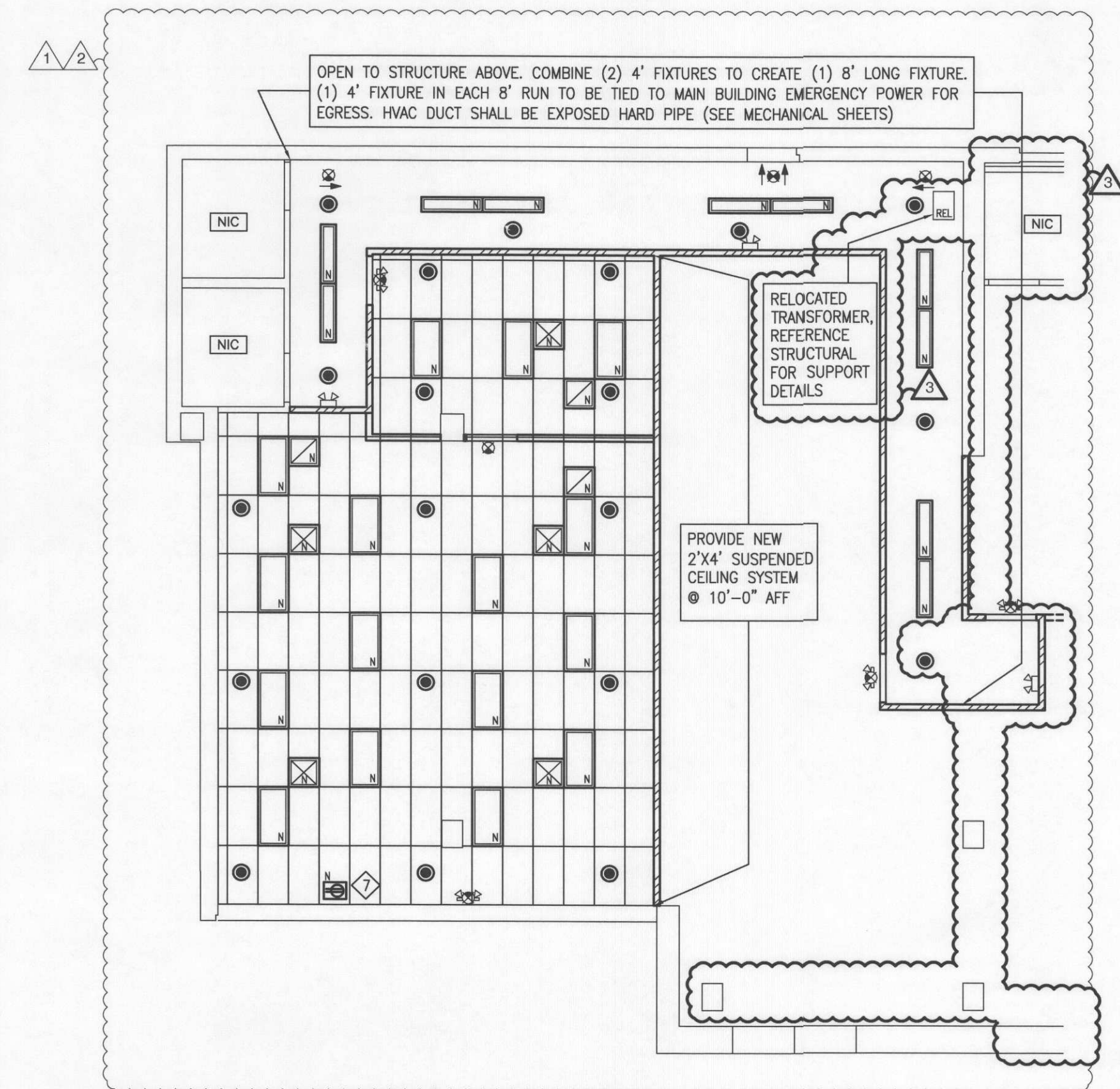
T1



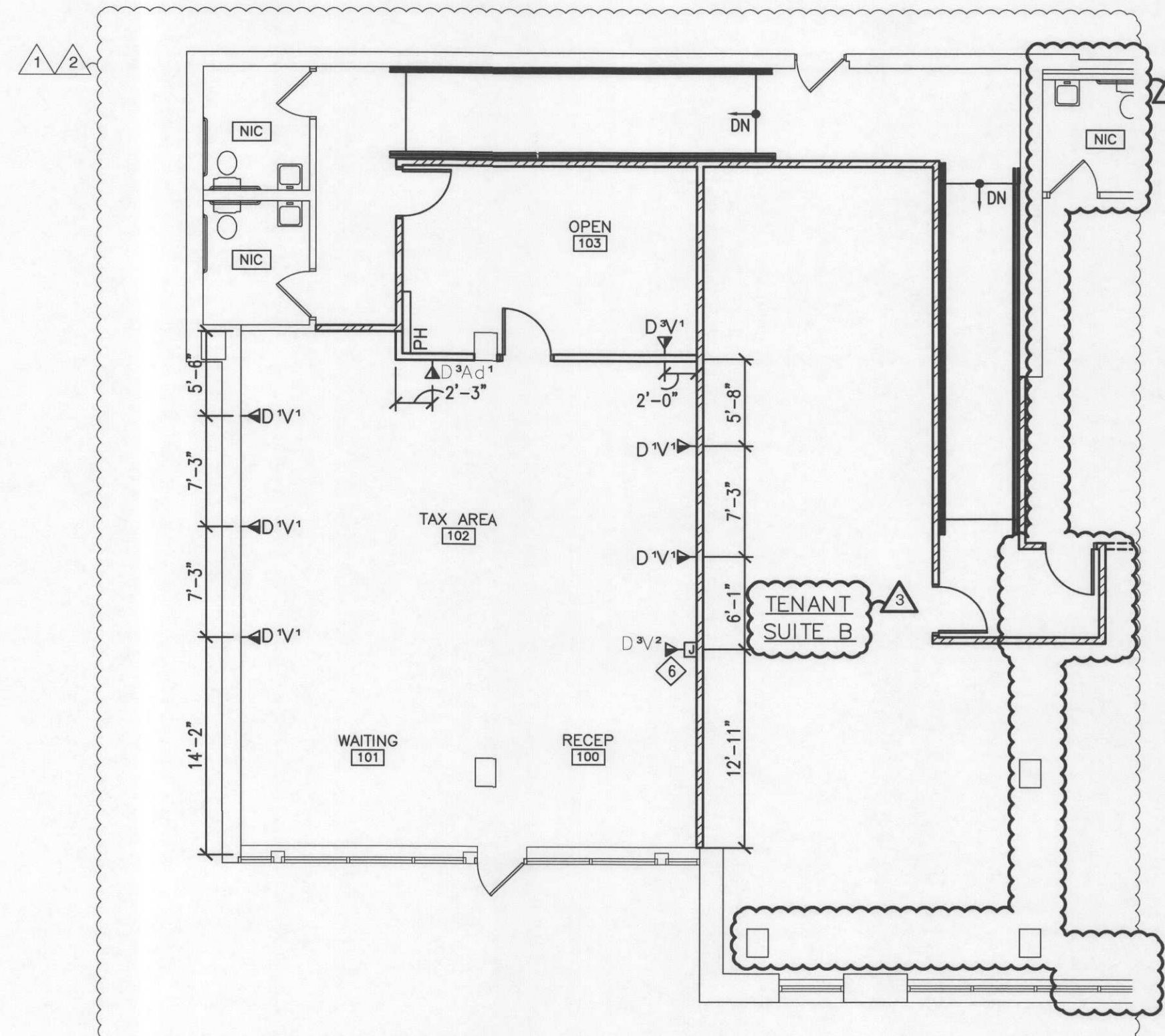




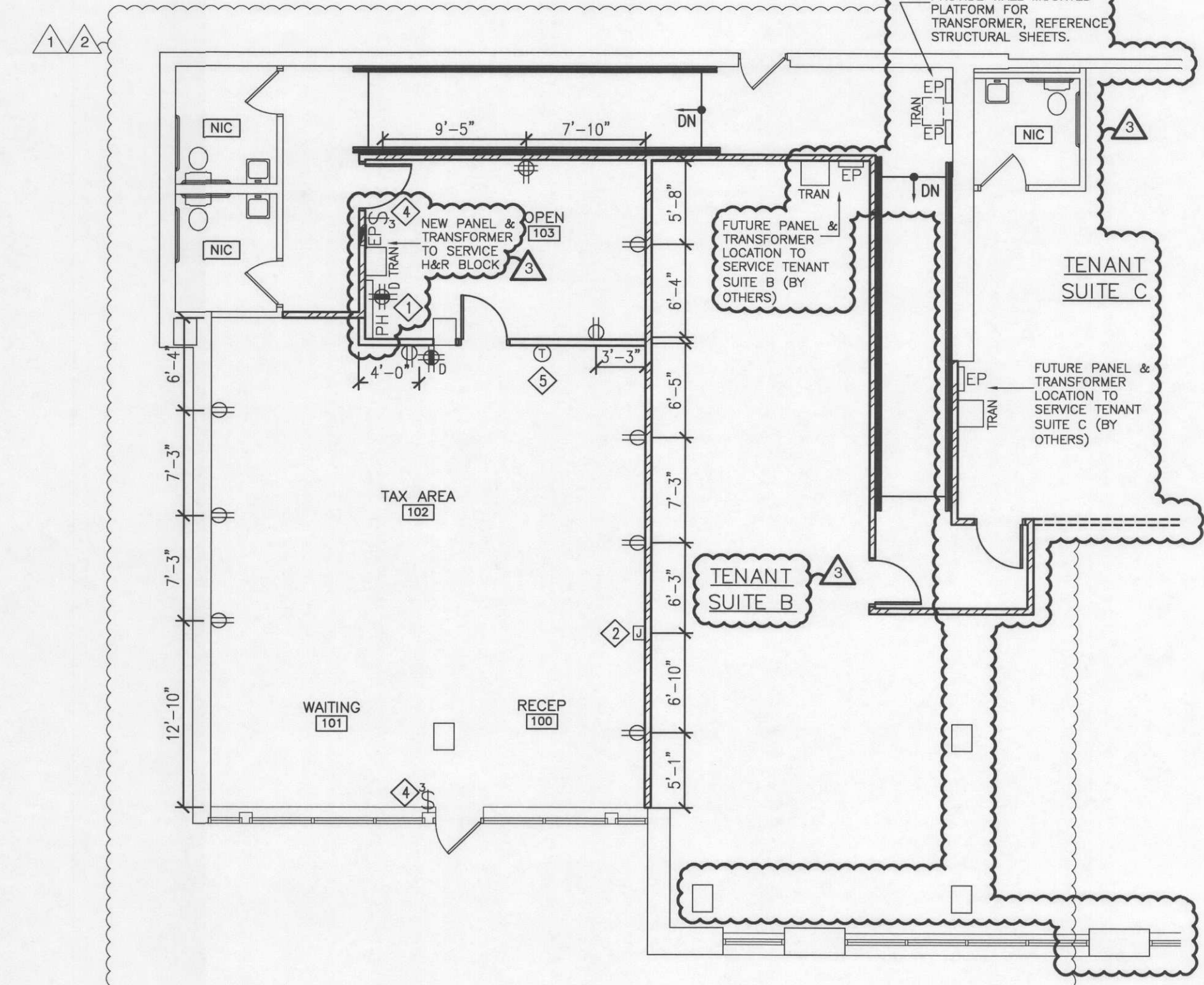
No.	Description	Date
1	OWNER REVISION 1	09/30/14
2	OWNER REVISION 2	11/14/14
3	CITY REVISION 3	12/10/14



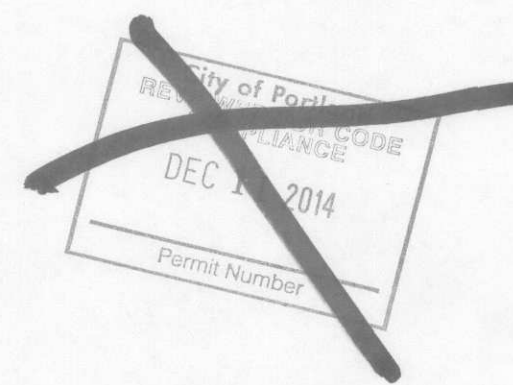
REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"



LOW VOLTAGE PLAN  
SCALE: 1/8" = 1'-0"



POWER PLAN  
SCALE: 1/8" = 1'-0"



REFLECTED CEILING PLAN GRAPHIC LEGEND	
	2'x4' FLUORESCENT LIGHT FIXTURE (E=EXISTING, REL=RELOCATE, N=NEW)
	1'x4' SUSPENDED FLUORESCENT LIGHT FIXTURE (E=EXISTING, REL=RELOCATE, N=NEW)
	EXIT SIGN & EMERGENCY LIGHTING (E=EXISTING, REL=RELOCATE, N=NEW)
	EXIT SIGN/EMERGENCY LIGHT COMBO
	SUPPLY AIR DIFFUSER (EX=EXISTING, REL=RELOCATE, N=NEW)
	RETURN AIR GRILLE (EX=EXISTING, REL=RELOCATE, N=NEW)
	CEILING DUPLEX (E=EXISTING, REL=RELOCATE, N=NEW)
CEILING PLAN KEYED NOTES	
DUPLEX OUTLET TO BE INSTALLED FLUSH WITH WINDOW SOFFIT OR INSTALL FLUSH WITH ACS FOR LIGHT BOX WHERE WINDOWS ARE FULL HEIGHT.	
CEILING PLAN GENERAL NOTES	
1. THIS PLAN IS A DESIGN INTENT DRAWING ONLY. ALL ELECTRICAL LOAD CALCULATIONS ARE TO BE COMPLETED BY THE ELECTRICIAN.	
2. SWITCHING IS NOT SHOWN. TO BE COMPLETED BY THE ELECTRICIAN.	
3. INSTALL NEW ARMSTRONG SUSPENDED, LAY-IN CEILING GRID/TILES AT 10'-0" AFF. TILES: 2712 DUNE SECOND LOOK II, COLOR: WHITE, THICKNESS: 1/8". GRID: PRELUDE.	
4. PROVIDE AND INSTALL (15) NEW 2'x4' LAY-IN FIXTURES WITH T-8 LAMPS PER PLAN.	
5. GC TO DROP EXISTING SPRINKLER HEADS AND INSTALL NEW SPRINKLER HEADS AS NEEDED.	

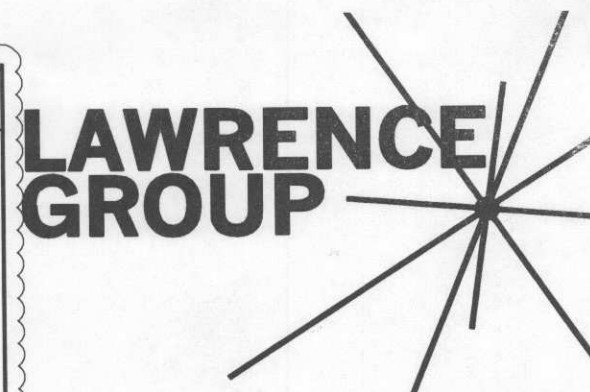
CSP POWER WHIP & D/V HOOK-UP	
<p><b>VOICE / DATA</b></p> <p>1. SUPPLY AND INSTALL (1) WHITE, 1-GANG, BLANK WALL-PLATE AS SHOWN ON PLANS. ALIGN INSTALL HEIGHT WITH ELECTRICAL WALL PLATE.</p> <p>— HUBBELL PART #: NP7W</p> <p>2. SUPPLY AND INSTALL (1) BLACK, 1" SPLIT LOOM CORRUGATED TUBING AROUND DATA CABLES AND INSERT TUBING INTO LOW VOLTAGE CABLE PLATE.</p> <p>— PANDUIT PART #: CL100F-C20</p>	<p><b>ELECTRIC</b></p> <p>3. SUPPLY AND INSTALL (1) WHITE, 1-GANG, BLANK WALL-PLATE AS SHOWN ON PLANS. ALIGN PRODUCT SIZE AND INSTALL HEIGHT WITH DATA/VOICE WALL PLATE.</p> <p>— THOMAS &amp; BETTS PART #: DCCBWH</p> <p>4. SUPPLY AND INSTALL (1) BLACK, 90 DEGREE TUBING CONNECTOR IN BLANK WALL PLATE.</p> <p>— HUBBELL PART #: P300RKH</p>

CANVAS CSP DESK ELECTRICAL	

POWER & LOW VOLTAGE KEYED NOTES	
<p>1. LEC/CLEC SERVICE TO BE LOCATED WITHIN 2'-0" OF PHONE BOARD. IF RE-USING AND EXISTING D-MARC &amp; PATCH PANEL ARE NOT IN LOCATION SHOWN, NOTIFY CONTACT.</p> <p>2. CONTRACTOR TO INSTALL JUNCTION BOX AS DIMENSIONED (6" FROM FINISHED FLOOR TO BOTTOM OF EACH J-BOX) AT WALL: — JUNCTION BOX TO HAVE ELECTRICAL WHIP TO ACCOMMODATE (6) DUPLEX OUTLETS. RETURN TRIP AFTER FURNITURE ARRIVES TO MAKE POWER CONNECTION AT THE WALL AND TERMINATE AT KNOCK OUTS IN PANEL BASE.</p> <p>3. INSTALL (2) NEW 3-WAY SWITCHES AS SHOWN ON PLAN.</p> <p>4. INSTALL (1) NEW DIGITAL, PROGRAMMABLE THERMOSTAT AS SHOWN ON PLAN.</p> <p>5. CONTRACTOR TO INSTALL JUNCTION BOX AS DIMENSIONED (6" FROM FINISHED FLOOR TO BOTTOM OF EACH J-BOX) AT WALL: — JUNCTION BOX TO HAVE (3) DATA AND (2) VOICE CABLES RETURN TRIP AFTER FURNITURE ARRIVES TO RUN CABLEING FOR DATA AND VOICE AT KNOCK OUTS IN PANEL BASE.</p>	

POWER / VOICE DATA PLAN GRAPHIC LEGEND	
	ELECTRICAL PANEL
	4'x4' PLYWOOD PHONE BOARD, PAINTED (LABEL VISIBLE)
	VOICE/DATA —
	D.V. ASSUME SINGLE GANG BOX AT EACH LOCATION. INSTALL 3/4" CONDUIT STUBBED AT CEILING WITH MUDRING AND PULLSTRING AT ALL NEW PARTITIONS; MUDRING AND PULLSTRING ONLY AT EXISTING PARTITIONS
	DEDICATED, GROUNDED 20-AMP QUAD, MARKED w/ORANGE TO DEVICE
	DUPLEX RECEPTACLE
	QUADRUPLEX RECEPTACLE
	EXISTING DUPLEX RECEPTACLE
	EXISTING QUADRUPLEX RECEPTACLE
	REMOVE EXISTING DUPLEX RECEPTACLE
	EXISTING VOICE/DATA
	EXISTING DATA
	EXISTING VOICE
	EXISTING VOICE/DATA — INSTALL BLANK FACE PLATE (SEE DEMOLITION PLAN)
	SWITCH
	3-WAY SWITCH
	THERMOSTAT
	JBOX
	ELECTRICAL (FLAT WIRE)
	DATA (FLAT WIRE)
SITE SPECIFIC NOTES	
<p>FOR ADDITIONAL INFORMATION PLEASE REFER TO LOW VOLTAGE SPECIFICATION BOOKLET</p> <p>1. CATEGORY 5e WIRING MUST BE USED FOR ALL CABLE RUNS (DATA, VOICE, AND ANALOG).</p> <p>2. ALL CABLE RUNS MUST BE SUSPENDED ABOVE THE CEILING USING J HOOKS, O RINGS, OR AS LOCAL CODE REQUIRES.</p> <p>3. PROVIDE 2' to 3' SERVICE LOOPS ABOVE CEILING.</p> <p>4. TERMINATE AND LABEL ALL CABLEING AT WALL AND BACK ROOM (PATCH PANEL AND 66 BLOCK).</p> <p>5. EXTEND TELCO DMARC INTO BACK ROOM USING A TWENTY FIVE (25) PAIR OUTDOOR CABLE AND TERMINATE ON 66 BLOCK.</p> <p>6. DMARC EXTENSION— PLEASE REFER TO THE LOW VOLTAGE SPECIFICATIONS FOR INSTRUCTIONS AND ADDITIONAL INFORMATION.</p>	





Austin Carolinas New York Philadelphia St. Louis  
Office: 319 North 4th Street  
Suite 1000  
St. Louis, Missouri 63102  
p 314.221.5700  
f 314.221.0816

Project Team:  
General Contractor:  
HORIZON RETAIL CONSTRUCTION, INC.  
1500 HORIZON DRIVE  
STURTEVANT, WI 53177  
MAIN: 262.638.6000  
MAIN FAX: 262.638.6015  
Professional Engineer:  
SCHNACKEL ENGINEERS, INC.  
3035 SOUTH 72ND STREET  
OMAHA, NE 68124  
PHONE: 402-391-7680  
FAX: 402-391-7488



Project Title:  
Portland, Oregon 97201

Branch Office Facility  
**H&R Block**  
**Branch #TBD**  
650 SW Lowell, Suite 1

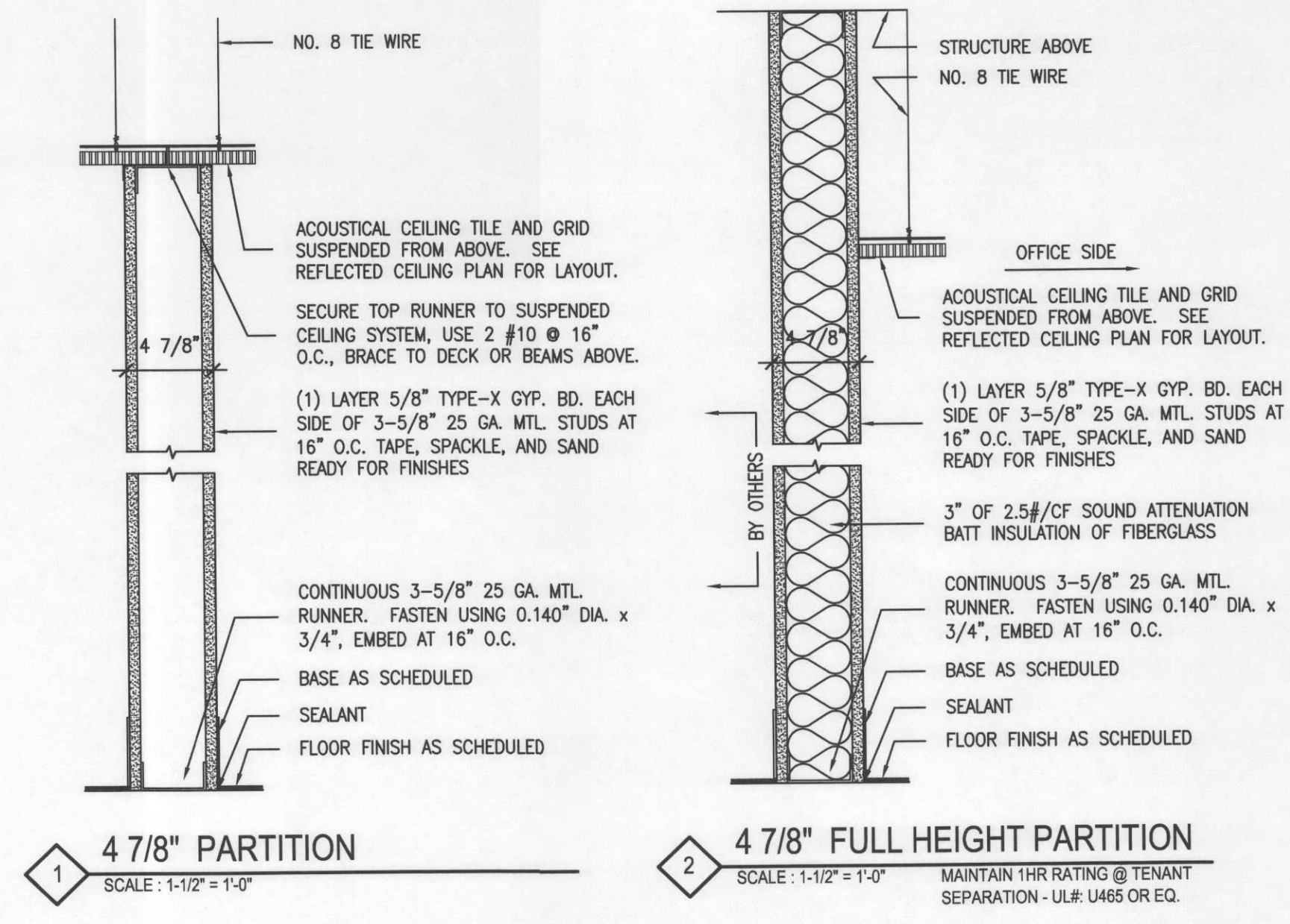
The Professional Architect's seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plans, drawings or documents not exhibiting this seal.

This drawing and details on it are the sole property of the architect and may be used for this specific project only. It shall not be loaned, copied or reproduced, in whole or part, or for any other purpose or project without the written consent of the architect.

No.	Description	Date
1	OWNER REVISION 1	09/30/14
2	OWNER REVISION 2	11/14/14
3	CITY REVISION 3	12/10/14

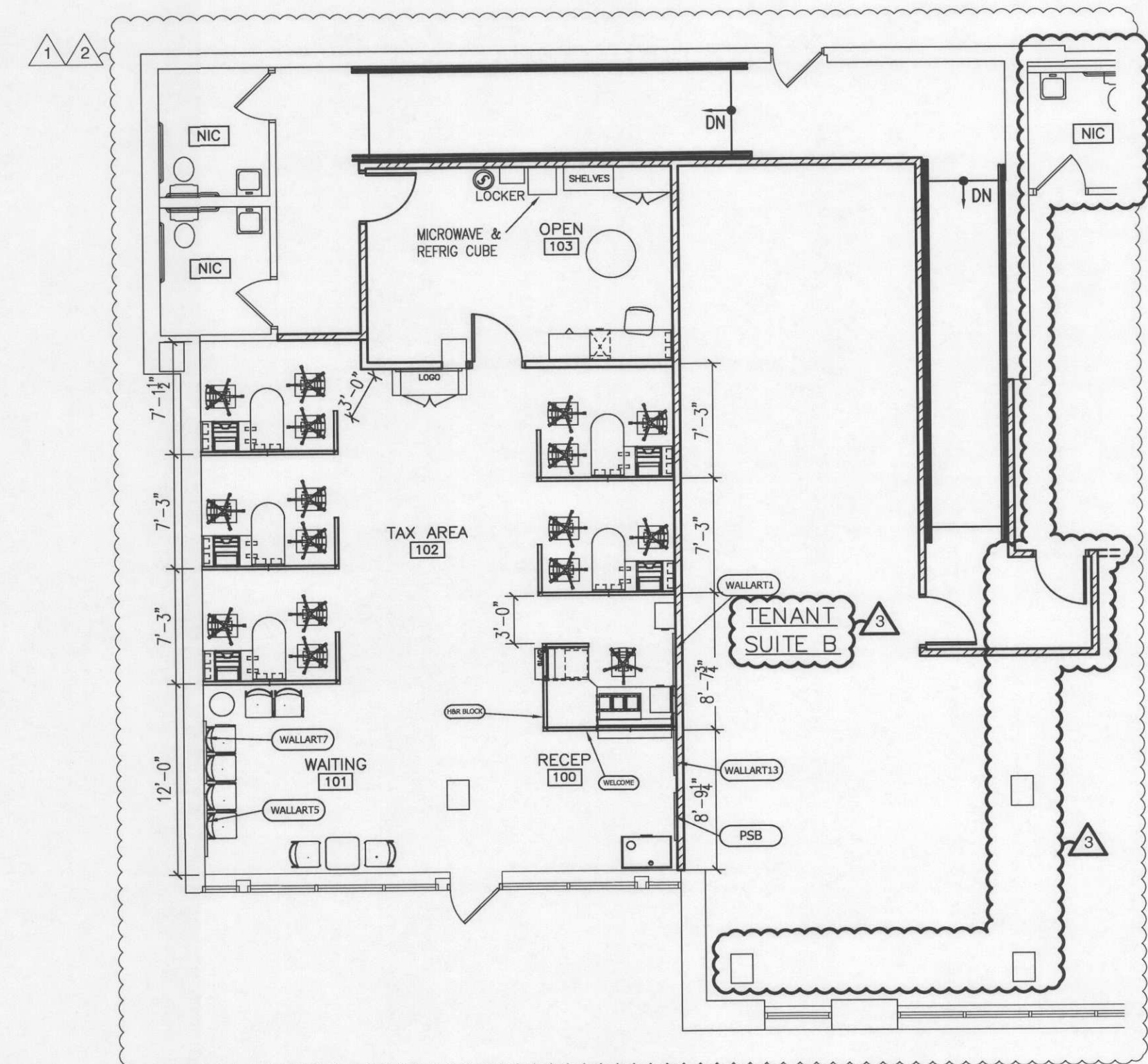
Sheet Title:  
Project Number: 14923.011  
Drawn By: AMR  
Issue Date: September 15, 2014  
Sheet Number: **A3**

PARTITION TYPES

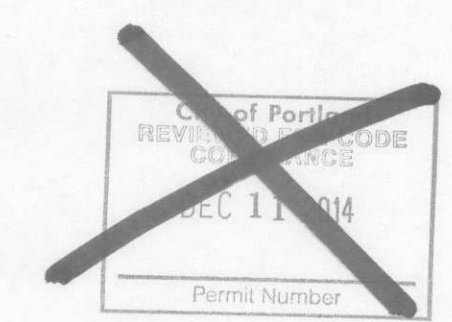


PARTITION TYPE GENERAL NOTES

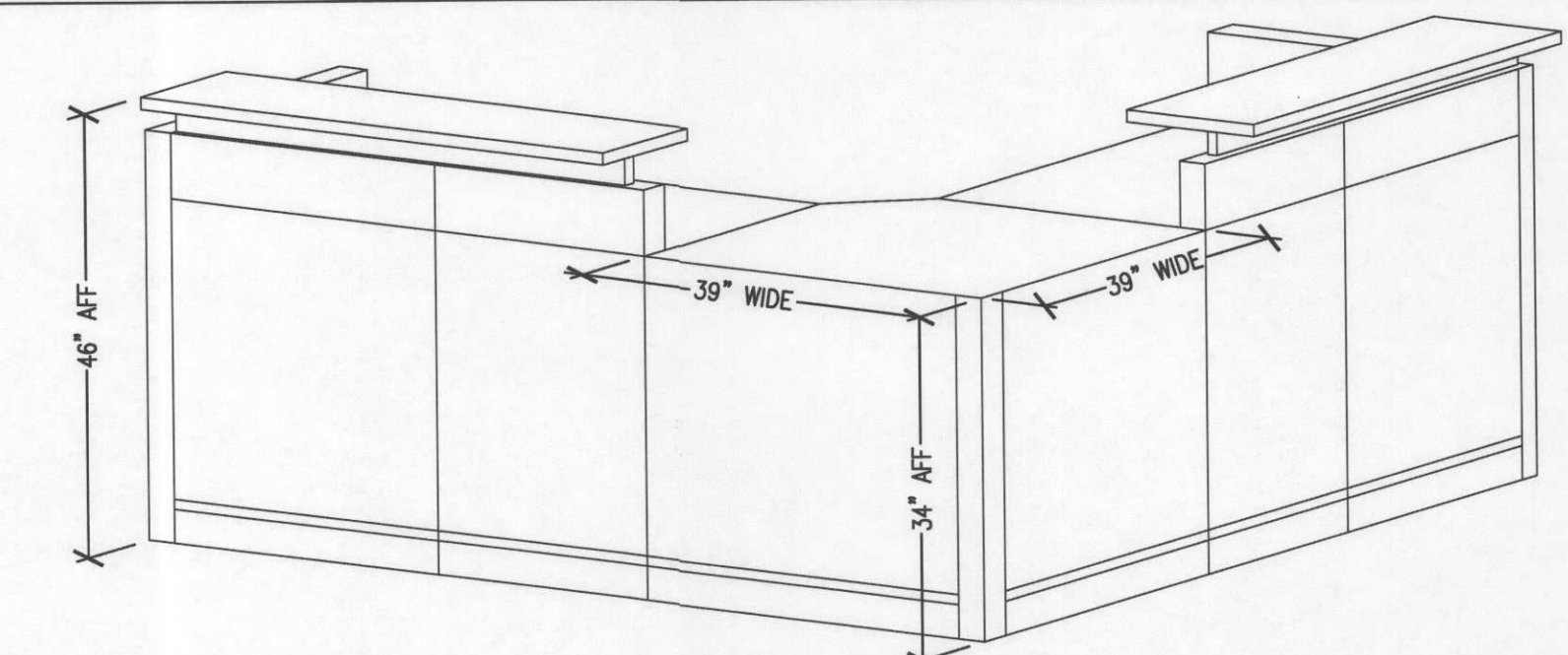
- A. PROVIDE CONTROL JOINTS IN GYPSUM BOARD PARTITIONS AT 30'-0" O.C. WHERE NO OTHER OPENINGS OCCUR WITHIN THAT LENGTH. CONTROL JOINT LOCATIONS SHALL BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
- B. USE USG 200-B CASING BEAD WHERE DRYWALL ABUTS DISSIMILAR CONSTRUCTION SUCH AS WINDOW FRAMES. EXISTING DOOR FRAMES AND CEILING TRACK. NO SUBSTITUTIONS.
- C. WHERE GYPSUM BOARD AND METAL STUD PARTITIONS MEET STRUCTURAL DECK CONSTRUCTION OR VERTICAL STRUCTURAL ELEMENTS, PROVIDE SLIP OR CUSHION TYPE JOINTS BETWEEN METAL FRAMING AND STRUCTURE AS RECOMMENDED BY MANUFACTURER TO PREVENT TRANSFER OF STRUCTURAL LOADS OR MOVEMENTS TO PARTITION.
- D. STUD SPACING AND CONNECTION DETAILS TO COMPLY WITH MANUFACTURERS DETAILS AND WARRANTY GUIDE.
- E. STUD SPACING AND CONNECTION DETAILS TO COMPLY WITH MANUFACTURERS DETAILS AND WARRANTY GUIDE.
- F. METAL STUDS TO BE 25 GAUGE AT INTERIOR, 18 GAUGE AT EXTERIOR.
- G. COMPLY WITH APPLICABLE REQUIREMENTS OF ASTM C 840 AND GA 216 FOR APPLICATION AND FINISHING OF GYPSUM BOARD, UNLESS OTHER, MORE STRINGENT REQUIREMENTS ARE INDICATED.
- H. COMPLY WITH APPLICABLE REQUIREMENTS OF ASTM C 754 FOR INSTALLATION OF STEEL FRAMING.
- I. USE WATER-RESISTANT GYPSUM BOARD AT ALL PARTITIONS WITH OR ADJACENT TO PLUMBING FIXTURES WHICH RECEIVE A PAINT OR WALL COVERING FINISH. USE CEMENT BOARD AT ALL PARTITIONS WITH OR A ADJACENT TO PLUMBING FIXTURES THAT RECEIVE A TILE FINISH.
- J. METAL STUD FRAMING IS TO BE SCREWED TO CHANNEL TRACK ON BOTH SIDES, TOP AND BOTTOM.
- K. ALL RATED WALLS AND PARTITIONS ARE TO BE STENCILED ABOVE CEILING, INDICATING "RATED WALL - PROTECT ALL OPENINGS", STENCIL SHOULD ALSO INDICATE RATING IF MORE THAN 1 HOUR, STENCIL SHALL BE RED IN COLOR AND SHALL BE AT LEAST 3" HIGH, SPACED NOT MORE THAN 25 FEET APART.
- L. ALL PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE PROPERLY PROTECTED.



FURNITURE/EQUIP. PLAN  
SCALE: 1/8" = 1'-0"



CSP RECEPTION DESK ACCESSIBILITY DETAILS



- 1. THIS SERVICE COUNTER USED FOR SALES OF SERVICES TO THE PUBLIC SHALL HAVE A PORTION OF THE COUNTER THAT IS 39" LONG BY 34" HIGH ABOVE THE FLOOR.
- 2. THIS DETAIL IS REPRESENTATIVE OF A TYPICAL CSP RECEPTION DESK, REFERENCE FURNITURE PLAN FOR SIZE AND HAND.

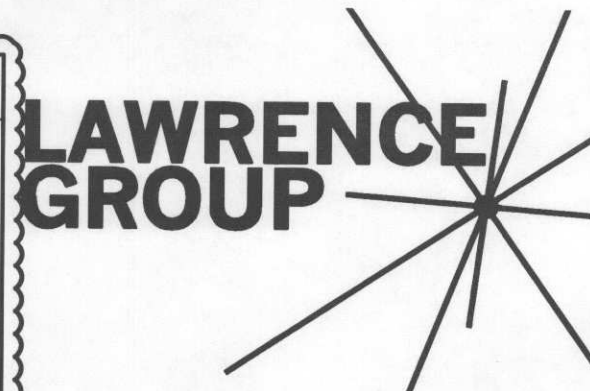
FURNITURE NOTES

- BACK OFFICE ITEMS INCLUDED
- 1. COFFEE CART
  - 2. MICROWAVE & REFRIGERATOR
  - 3. COAT RACK
  - 4. BACK OFFICE SHELVES
  - 5. BACK OFFICE DESK WITH TASK CHAIR
  - 6. EMPLOYEE LOCKERS
  - 7. 4-DRAWER LATERAL FILE CABINET
  - 8. BACK OFFICE STORAGE
  - 9. 36" BREAK TABLE

WALL & GRAPHICS NOTES

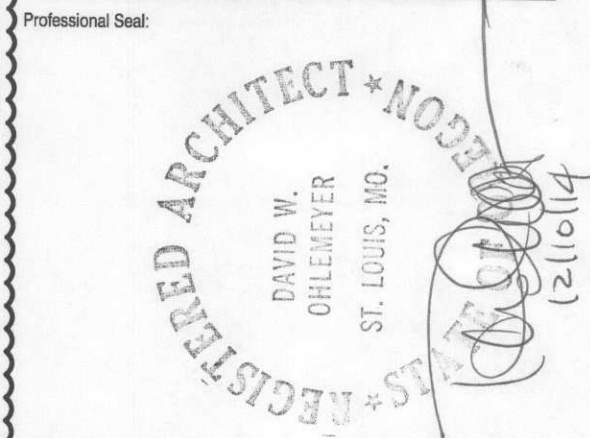
- NEW PERMANENT WALL ART  
GRAPHICS: ENGLISH
- REFERENCE DESIGN INTENT DRAWINGS FOR ARTWORK DETAILS
- REFERENCE DESIGN INTENT DRAWINGS FOR CSP DESK LETTERING DETAILS
- REFERENCE DESIGN INTENT DRAWINGS FOR GRAPHICS DETAILS





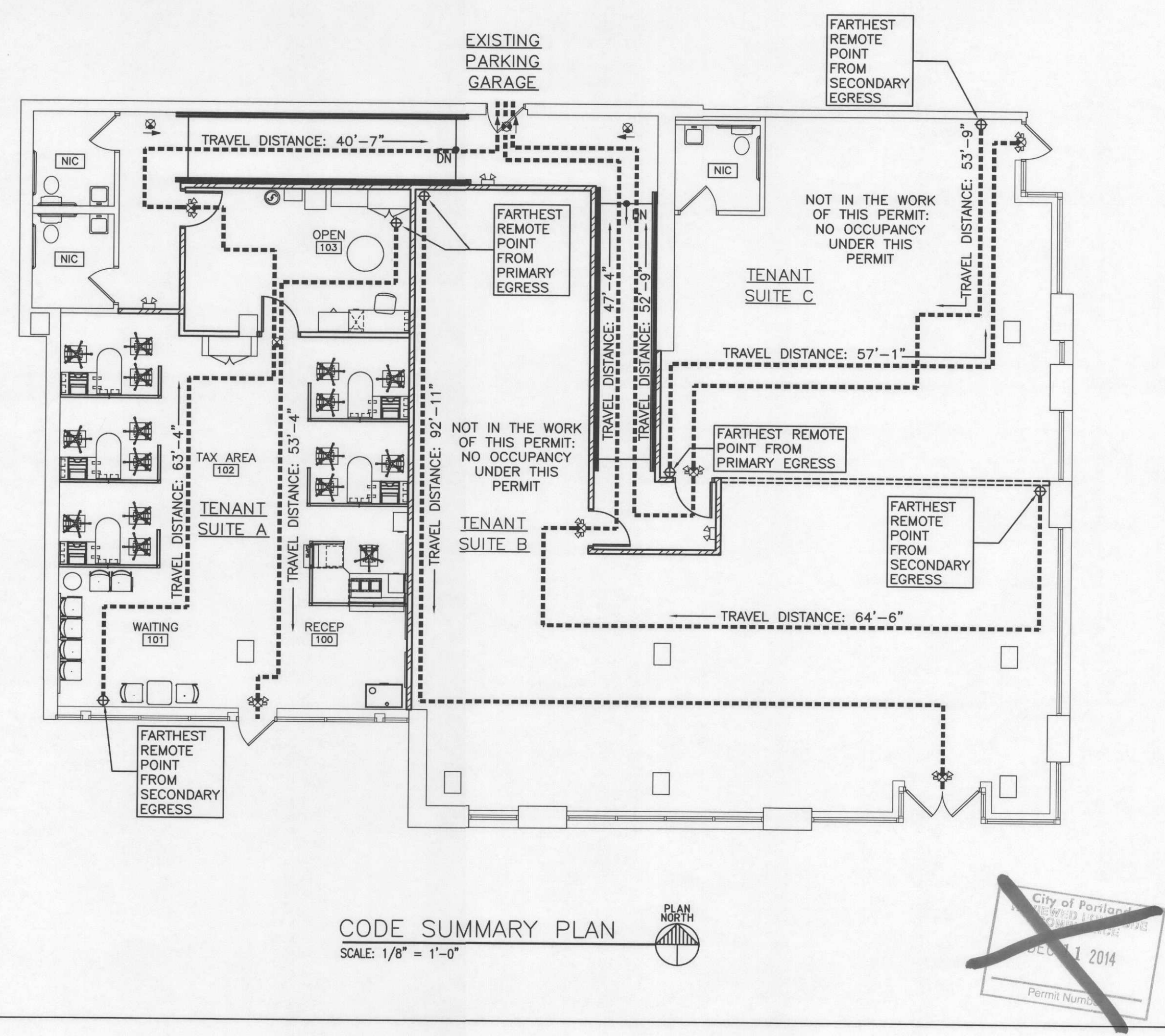
Austin Carolinas New York Philadelphia St. Louis  
Office: 319 North 4th Street  
Suite 1000  
St. Louis, Missouri 63102  
p 314.221.5700  
f 314.221.0816

Project Team:  
General Contractor:  
HORIZON RETAIL CONSTRUCTION, INC.  
1500 HORIZON DRIVE  
STURTEVANT, WI 53177  
MAIN: 262.638.6000  
MAIN FAX: 262.638.6015  
Professional Engineer:  
SCHNACKEL ENGINEERS, INC.  
3035 SOUTH 72ND STREET  
OMAHA, NE 68124  
PHONE: 402-391-7680  
FAX: 402-391-7488



Project Title:  
Branch Office Facility  
H&R Block  
Branch #TBD  
650 SW Lowell, Suite 1  
Portland, Oregon 97201

CODE SUMMARY PLAN



CODE SUMMARY PLAN  
SCALE: 1/8" = 1'-0"

TENANT SUITE A	TENANT SUITE B	TENANT SUITE C
AREA OF WORK	PROPOSED OCCUPANCY: (B) BUSINESS NOT IN THE WORK OF THIS PERMIT - NO OCCUPANCY UNDER THIS PERMIT	PROPOSED OCCUPANCY: (B) BUSINESS NOT IN THE WORK OF THIS PERMIT - NO OCCUPANCY UNDER THIS PERMIT
TENANT SUITE A SQUARE FOOTAGE GROSS: 1286 SF NET: 1155 SF	TENANT SUITE B SQUARE FOOTAGE NET: 1722 SF	TENANT SUITE C SQUARE FOOTAGE NET: 937 SF
TENANT SUITE A CALCULATED OCCUPANCY LOADS UNCONCENTRATED (TABLES AND CHAIRS): 118 SF NET / 15 = 8 OCCUPANTS BUSINESS AREAS: 1037 NET SF / 100 = 11 OCCUPANTS TOTAL CALCULATED OCCUPANT LOAD = 19 OCCUPANTS	TENANT SUITE B CALCULATED OCCUPANCY LOADS BUSINESS AREAS: 1722 NET SF / 100 = 18 OCCUPANTS TOTAL CALCULATED OCCUPANT LOAD = 18 OCCUPANTS	TENANT SUITE C CALCULATED OCCUPANCY LOADS BUSINESS AREAS: 886 NET SF / 100 = 9 OCCUPANTS RESTROOM: 51 SF NET / NOT INCLUDED = 0 OCCUPANTS TOTAL CALCULATED OCCUPANT LOAD = 9 OCCUPANTS
TENANT SUITE A EGRESS WIDTH 19 OCCUPANTS REQUIRED: 0.15" PER OCCUPANT: 17 X .15" = 2.85" PROVIDED: 64"	TENANT SUITE B EGRESS WIDTH 18 OCCUPANTS REQUIRED: 0.15" PER OCCUPANT: 17 X .15" = 2.7" PROVIDED: 96"	TENANT SUITE C EGRESS WIDTH 9 OCCUPANTS REQUIRED: 0.15" PER OCCUPANT: 9 X .15" = 1.35" PROVIDED: 64"
TENANT SUITE A NUMBER OF EXITS NUMBER OF EXITS REQUIRED: 2 NUMBER OF EXITS PROVIDED: 2	TENANT SUITE B NUMBER OF EXITS NUMBER OF EXITS REQUIRED: 2 NUMBER OF EXITS PROVIDED: 2	TENANT SUITE C NUMBER OF EXITS NUMBER OF EXITS REQUIRED: 1 NUMBER OF EXITS PROVIDED: 2
TENANT SUITE A TRAVEL DISTANCE BUILDING IS FULLY SPRINKLERED REQUIRED: 300' MAX. (BUILDING IS SPRINKLERED) PROVIDED: 103'-11" MAX.	TENANT SUITE B TRAVEL DISTANCE BUILDING IS FULLY SPRINKLERED REQUIRED: 300' MAX. (BUILDING IS SPRINKLERED) PROVIDED: 112'-3" MAX.	TENANT SUITE C TRAVEL DISTANCE BUILDING IS FULLY SPRINKLERED REQUIRED: 100' MAX. (BUILDING IS SPRINKLERED) PROVIDED: 57'-1" MAX.
LIFE SAFETY LEGEND		
EXIT SIGN/EMERGENCY LIGHT COMBO      EXIT SIGN      EMERGENCY LIGHT      EXISTING WALL      NEW 1HR TENANT SEPARATION WALL (UL#: U465 - SEE PARTITION TYPE 2)      FUTURE 1HR TENANT SEPARATION WALL (BY OTHERS)		

The Professional Architect's seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plans, drawings or documents not exhibiting this seal.

This drawing and details on it are the sole property of the architect and may be used for this specific project only. It shall not be loaned, copied or reproduced, in whole or part, or for any other purpose or project without the written consent of the architect.

No.	Description	Date
1	OWNER REVISION 1	09/30/14
2	OWNER REVISION 2	11/14/14
3	CITY REVISION 3	12/10/14

Sheet Title:

Project Number: 14923.011  
Drawn By: AMR  
Issue Date: September 15, 2014  
Sheet Number: A4



# GENERAL STRUCTURAL NOTES

(APPLY UNLESS NOTED OTHERWISE ON DRAWINGS)

## BUILDING CODE:

THE OREGON STRUCTURAL SPECIALTY BUILDING CODE

## LOADS:

## FLOORS:

EXIT CORRIDOR LIVE LOAD = 100 PSF.

## LATERAL:

## SEISMIC:

MAPPED SHORT PERIOD SPECTRAL ACCELERATION,  $S_s = .99$ .  
MAPPED ONE SECOND SPECTRAL ACCELERATION,  $S_1 = .425$ .  
SOIL SITE CLASS, D.  
DESIGN SHORT PERIOD SPECTRAL ACCELERATION,  $S_{ds} = .729$ .  
DESIGN ONE SECOND SPECTRAL ACCELERATION,  $S_{d1} = .446$ .  
SEISMIC DESIGN CATEGORY, D.

## WOOD:

PRESERVATIVE-TREATED WOOD:

ALL SILL PLATES IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE-TREATED WOOD. WOOD FRAMING MEMBERS ATTACHED DIRECTLY TO THE INTERIOR OF EXTERIOR MASONRY OR CONCRETE WALLS BELOW GRADE SHALL BE PRESERVATIVE-TREATED WOOD.

ALL WOOD FRAMING MEMBERS, INCLUDING WOOD SHEATHING THAT ARE LOCATED AT EXTERIOR WALLS THAT ARE LESS THAN 8 INCHES FROM FINISHED GRADE SHALL BE PRESERVATIVE-TREATED WOOD.

ALL FASTENERS INCLUDING NUTS AND WASHERS IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE PER ASTM A 153. FASTENERS OTHER THAN NAILS, WOOD SCREWS AND LAG SCREWS ARE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC-COATED STEEL WITH COATING WEIGHTS PER ASTM B 695, CLASS 55 MINIMUM.

PLYWOOD: ALL PLYWOOD TO BE FIRE RETARDANT

ALL PLYWOOD SHALL BE APA "CDX" RATED SHEATHING OR BETTER AND SHALL BEAR THE STAMP OF AN APPROVED TESTING AGENCY. LAY UP PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. STAGGER JOINTS. ALL NAILING, COMMON NAILS. WHERE SCREWS ARE INDICATED FOR WOOD TO WOOD ATTACHMENTS, USE WOOD SCREWS. ALL PLYWOOD SHALL BE OF THE FOLLOWING NOMINAL THICKNESS, SPAN/INDEX RATIO AND SHALL BE ATTACHED AS FOLLOWS UNLESS NOTED OTHERWISE:

USE	THICKNESS NOTED ON DRAWINGS	SPAN/INDEX RATIO	EDGE ATTACHMENT	INTERMEDIATE ATTACHMENT
FLOOR	3/4" (23/32" MIN)	T&C - 48/24	SCREWS AT 6" O.C. -	SCREWS AT 12" O.C.
WALL	3/8"	24/0	SCREWS AT 6" O.C. -	SCREWS AT 12" O.C.

SCREWS AT SHEATHING SHALL BE #8 X 2 1/2" LONG FOR SHEATHING LESS THAN 1" THICK. ALL FLOOR SHEATHING SHALL BE GLUED TO SUPPORTING MEMBERS WITH APA AFG-01 QUALIFIED GLUE.

ALL ROOF SHEATHING SHALL BE GAPPED 1/8" ON THE EDGES AND ENDS WITH METAL CLIPS APPROPRIATELY INSTALLED ON THE TRUSSES.

ALTERNATE:

APA PERFORMANCE RATED SHEATHING MAY BE USED AS AN ALTERNATE TO PLYWOOD WITH PRIOR APPROVAL OF OWNER, ARCHITECT AND INSTALLING CONTRACTOR. WHERE ROOFING, BALCONY WATERPROOFING, OR OUTDOOR DECK WATERPROOFING IS TO BE GUARANTEED, IT MAY NOT BE USED WITHOUT PRIOR APPROVAL FROM ROOFING OR WATERPROOFING SYSTEM MANUFACTURER. RATED SHEATHING SHALL COMPLY WITH APA PRP-108, EXPOSURE 1, AND SHALL HAVE A SPAN RATING AND SHEAR VALUES EQUIVALENT TO OR BETTER THAN THE PLYWOOD IT REPLACES. ATTACHMENT AND THICKNESS (WITHIN 1/32") SHALL BE THE SAME AS THE PLYWOOD IT REPLACES. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

## COLD FORMED STRUCTURAL STEEL FRAMING:

### GENERAL:

ALL COLD FORMED STEEL COMPONENTS INDICATED ON THE STRUCTURAL DRAWINGS SHALL BE PER SSMA. COMPONENTS SHALL BE FABRICATED AND ERRECTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE REFERENCED EDITION OF "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" BY THE AISI AND ICC ESR-3084P OR APPROVED ICC EQUIVALENT. STEEL FOR COLD FORMED MEMBERS SHALL HAVE A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL THICKNESS AND LESS, AND MINIMUM YIELD STRENGTH OF 50 KSI FOR 54 MIL THICKNESS AND GREATER. STEEL FOR BRIDGING SHALL HAVE A MINIMUM YIELD STRENGTH OF 33 KSI. STEEL SHALL BE GALVANIZED AT LOCATIONS EXPOSED TO WEATHER AND WHEREVER NOTED.

WHERE WELDING IS SHOWN ON DRAWINGS IT SHALL BE PERFORMED BY WELDERS CERTIFIED IN LIGHT GAGE STRUCTURAL STEEL FRAMING WORK. DO NOT NOTCH FLANGES OF MEMBERS WITHOUT EXPRESSED APPROVAL OF THE ENGINEER OF RECORD.

SCREWED COLD FORMED TO COLD FORMED CONNECTIONS (I.E.: 97 MIL TO 97 MIL MAX) SHALL BE HILTI SELF-DRILLING AND SELF-PIERCING SCREWS PER ICC ESR-2196, OR APPROVED ICC EQUIVALENT. SCREW SIZE SHALL BE #10 X 3/4" MINIMUM AND MUST PROTRUDE THROUGH AND BEYOND THE CONNECTED STEEL MEMBERS A MINIMUM OF THREE FULL THREADS. SCREWS SHALL BE INSTALLED WITH A MINIMUM EDGE AND END DISTANCE OF THREE SCREW DIAMETERS.

MIL THICKNESS / GAGE NUMBER REFERENCE:

27 MIL	----- 22 GA	54 MIL	----- 16 GA
33 MIL	----- 20 GA	68 MIL	----- 14 GA
43 MIL	----- 18 GA	97 MIL	----- 12 GA

### WALLS:

STRUCTURAL STEEL STUD WALLS SHOWN ON PLAN SHALL BE INSTALLED PER STUD/SPACING AS NOTED BELOW, TYPICAL U.N.O. ATTACHMENT OF STUDS TO TRACKS PER TYPICAL DETAILS U.N.O. ALL STUDS SHALL BE SECURELY SEATED FOR FULL END BEARING ON TOP AND BOTTOM TRACK. UNLESS NOTED OTHERWISE, INSTALL DOUBLE STUDS AT ALL JAMBS, CORNERS, INTERSECTIONS AND ISOLATED BEARING POINTS OF FRAMING MEMBERS ABOVE. BRIDGING SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATION WITH THE FOLLOWING MINIMUM REQUIREMENTS:

INSTALL BRIDGING AT MID-HEIGHT FOR WALLS LESS THAN OR EQUAL TO 10'-0" HIGH, AND 5'-0" O.C. MAXIMUM FOR WALLS GREATER THAN 10'-0" HIGH. IN ADDITION, BRIDGING SHALL BE INSTALLED AT ROOF LINES AND ELSEWHERE AS NOTED ON THE DRAWINGS. SOLID BLOCKING SHALL BE INSTALLED IN LIEU OF BRIDGING WHERE NOTED ON THE DRAWINGS. FOR NON-BEARING PARTITIONS AND SOFFITS, SEE ARCHITECTURAL DRAWINGS.

### JOISTS:

SSMA JOIST SIZE AND SPACING SHALL BE AS NOTED ON PLANS OR DETAILS. ALL JOISTS SHALL BE SECURELY SEATED FOR FULL END BEARING AT SUPPORTING MEMBER. PROVIDE BLOCKING AT SUPPORTS OF ALL JOISTS. DOUBLE UP FLOOR JOISTS AND BLOCKING UNDER LOAD BEARING PARTITIONS UNLESS NOTED OTHERWISE.

### GENERAL NOTES:

VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS.

THE STRUCTURAL CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE. EXCEPT WHERE NOTED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. THE STRUCTURAL ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES FOR PROCEDURE OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERE TO (NOR SHALL OBSERVATION VISITS TO THE SITE INCLUDE INSPECTION OF THESE ITEMS).

WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE REFERENCED EDITION AND/OR ADDENDA. ANY ENGINEERING DESIGN, PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, SHALL BEAR THE SEAL OF A REGISTERED ENGINEER RECOGNIZED BY THE BUILDING CODE JURISDICTION OF THIS PROJECT.

NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. RESOLVE ANY DISCREPANCY WITH THE ARCHITECT. ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL ITEMS WITH THE APPROPRIATE TRADE DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.

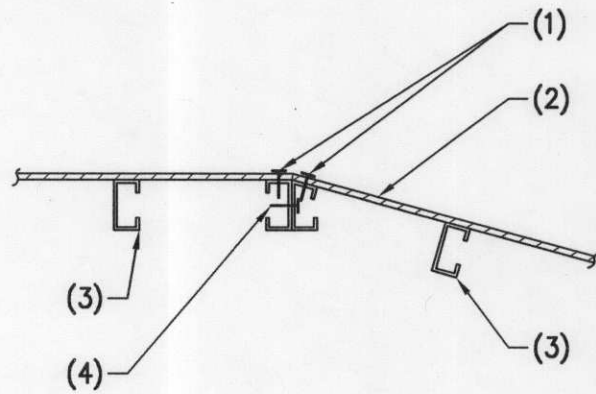
TYPICAL DETAILS MAY NOT NECESSARILY BE CUT ON PLANS, BUT APPLY UNLESS NOTED OTHERWISE.

CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED CONSTRUCTION. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.

OPTIONS ARE FOR CONTRACTOR'S CONVENIENCE. IF AN OPTION IS CHOSEN, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CHANGES, APPROVALS AND THE COORDINATION OF THE WORK WITH ALL RELATED TRADES AND SUPPLIERS.

### NOTES:

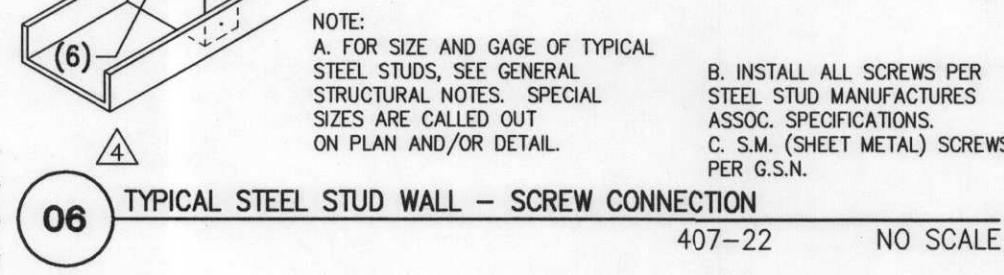
1. EDGE NAILING.
2. PLYWOOD SHEATHING PER G.S.N.
3. STEEL JOIST
4. #10 SCREWS AT 6" O.C.



05 JOIST AT SLOPE 14-1301 NO SCALE

### NOTES:

1. STEEL STUD.
2. UNPUNCHED STEEL STUD TRACK - ATTACHMENT REQUIRED 1/2" DIA. EXPANSION BOLTS AT 48" O.C. (2 MINIMUM) OR 148"x3/4" LONG POWDER DRIVEN PINS AT 12" O.C. FASTENER SHALL HAVE ICC REPORT FOR SAME INSTALLATION.
3. MULTIPLE OR INTERSECTING STUDS WHERE OCCUR. CONNECT WITH 2 ROWS #10 S.M. SCREWS AT 24" O.C. STAGGERED SPACING. AT INTERSECTING STUDS 1 ROW OF SCREWS.
4. #10 S.M. SCREWS EACH SIDE, EACH STUD.
5. 2 #10 S.M. SCREWS.
6. 4 #10 S.M. SCREWS.
7. #10 S.M. SCREWS AT 12" O.C. AT DOUBLE STUDS.
8. STUD BLOCKING.
9. 18 GA CLIP ANGLE BY STUD MFR WITH 3 #10 S.M. SCREWS AT EACH STUD WHERE SHOWN IN DETAILS.
10. TYP WELD CLIP TO FRAMING MEMBER OR AS NOTED IN DETAILS.

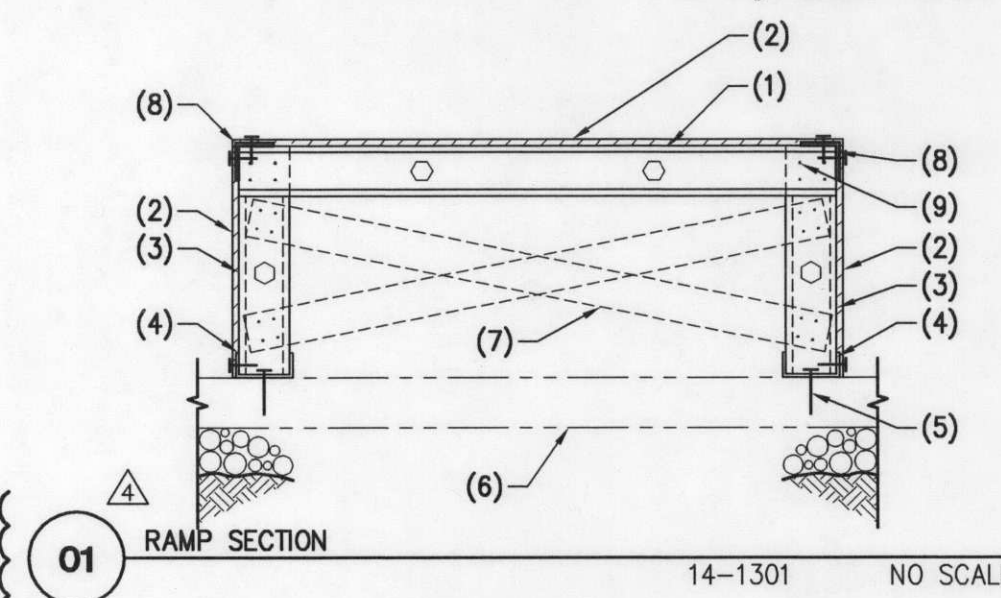


06 TYPICAL STEEL STUD WALL - SCREW CONNECTION 407-22 NO SCALE

NOTE:  
A. FOR SIZE AND GAGE OF TYPICAL STEEL STUDS, SEE GENERAL STRUCTURAL NOTES. SPECIAL SIZES ARE CALLED OUT ON PLAN AND/OR DETAIL.  
B. INSTALL ALL SCREWS PER STEEL STUD MANUFACTURER'S ASSOC. SPECIFICATIONS.  
C. S.M. (SHEET METAL) SCREWS PER G.S.N.

### NOTES:

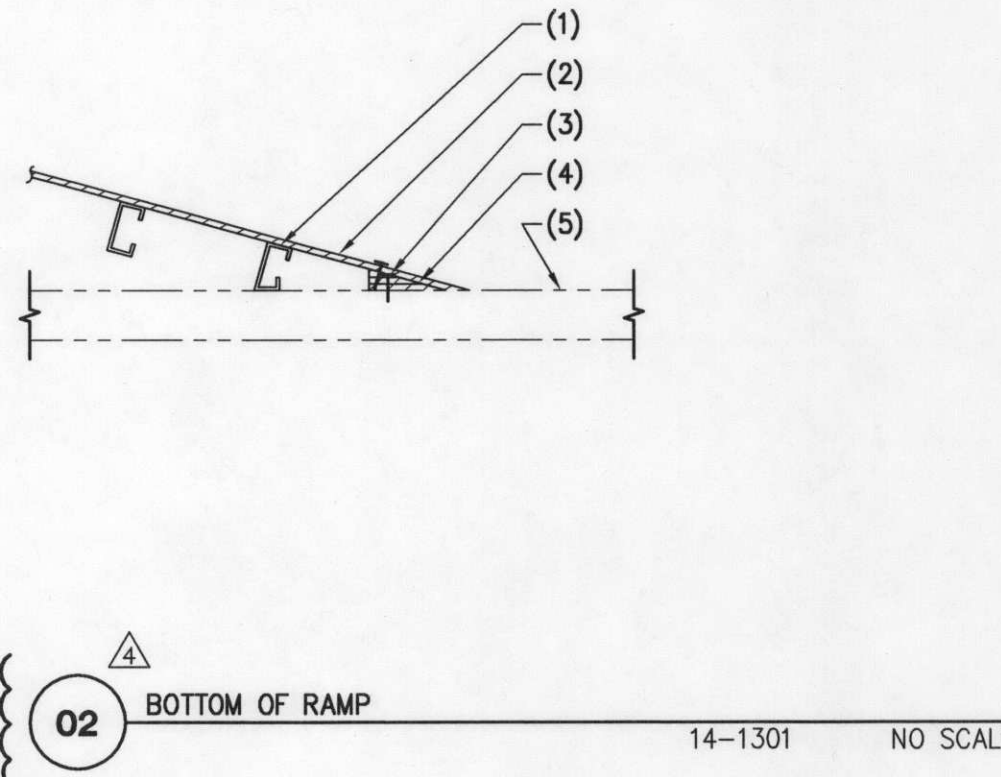
1. JOIST PER PLAN.
2. PLYWOOD SHEATHING PER G.S.N.
3. 362S162-33 STEEL STUDS AT 24" O.C.
4. 362T125-43 STEEL TRACK.
5. HILTI X-U SHOT PINS (1" EMBED) AT 16" O.C. TYPICAL.
6. EXISTING SLAB ON GRADE.
7. 362S162-33 STEEL STUDS AT 48" O.C. - ALTERNATE DIRECTION.
8. 1 1/2" x 1 1/2" x 16 GA CONTINUOUS STEEL ANGLE.
9. 4 #10 SCREWS - TYPICAL.



01 RAMP SECTION 14-1301 NO SCALE

### NOTES:

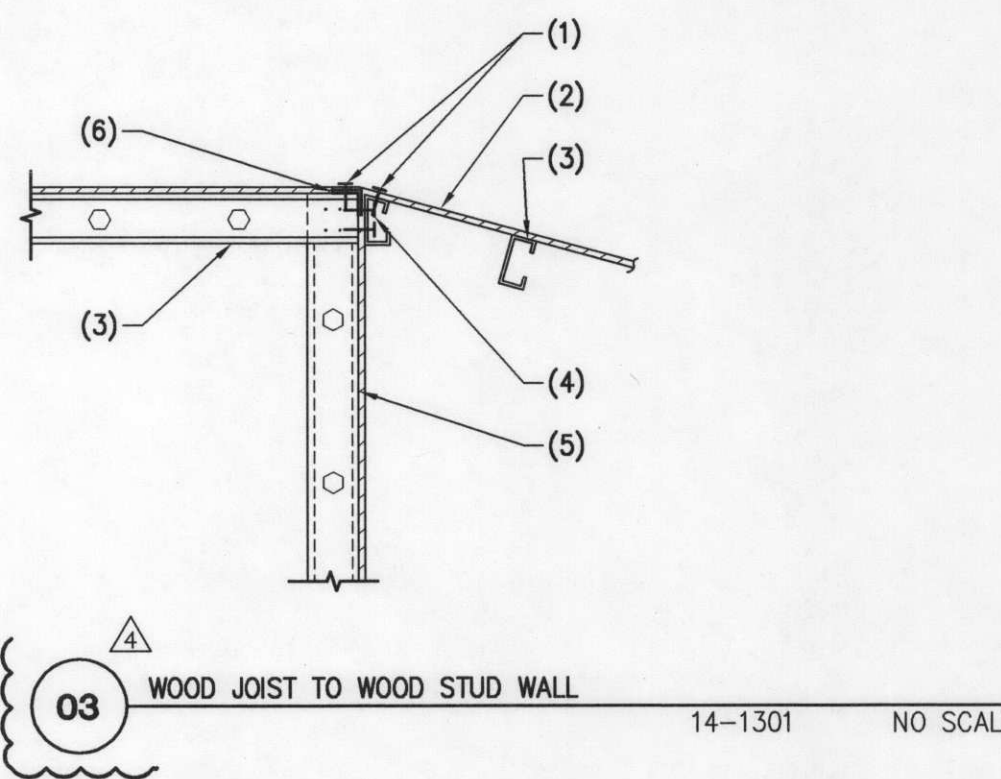
1. STEEL JOIST.
2. PLYWOOD SHEATHING.
3. HILTI X-U AT 12" O.C. (1" PENETRATION).
4. BUILT-UP PLYWOOD EDGE.
5. EXISTING CONCRETE SLAB ON GRADE.



02 BOTTOM OF RAMP 14-1301 NO SCALE

### NOTES:

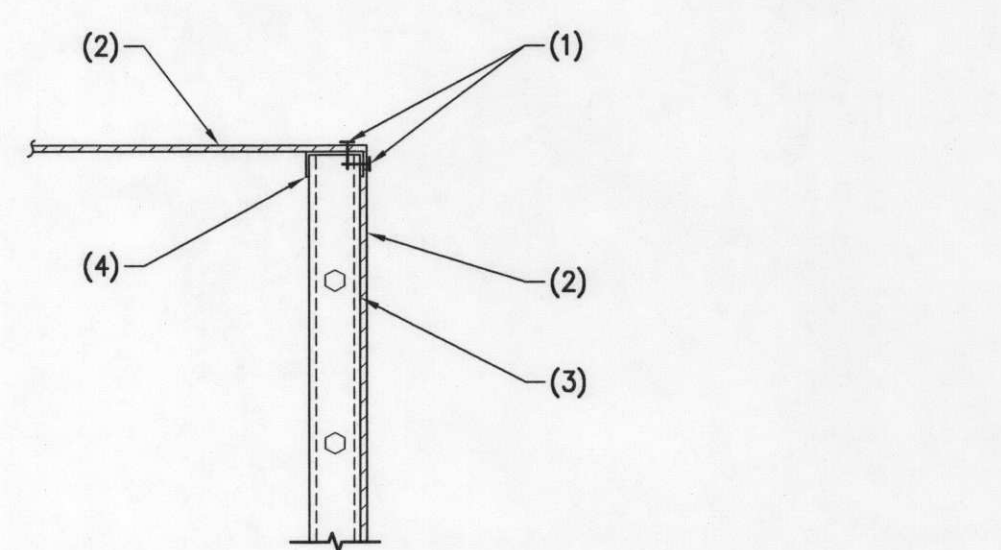
1. EDGE NAILING.
2. PLYWOOD SHEATHING.
3. STEEL STUD JOIST PER PLAN.
4. 2 #10 SCREWS AT EACH STUD.
5. STEEL STUD WALL.
6. 1 1/2" x 1 1/2" x 16 GA CONTINUOUS STEEL ANGLE.



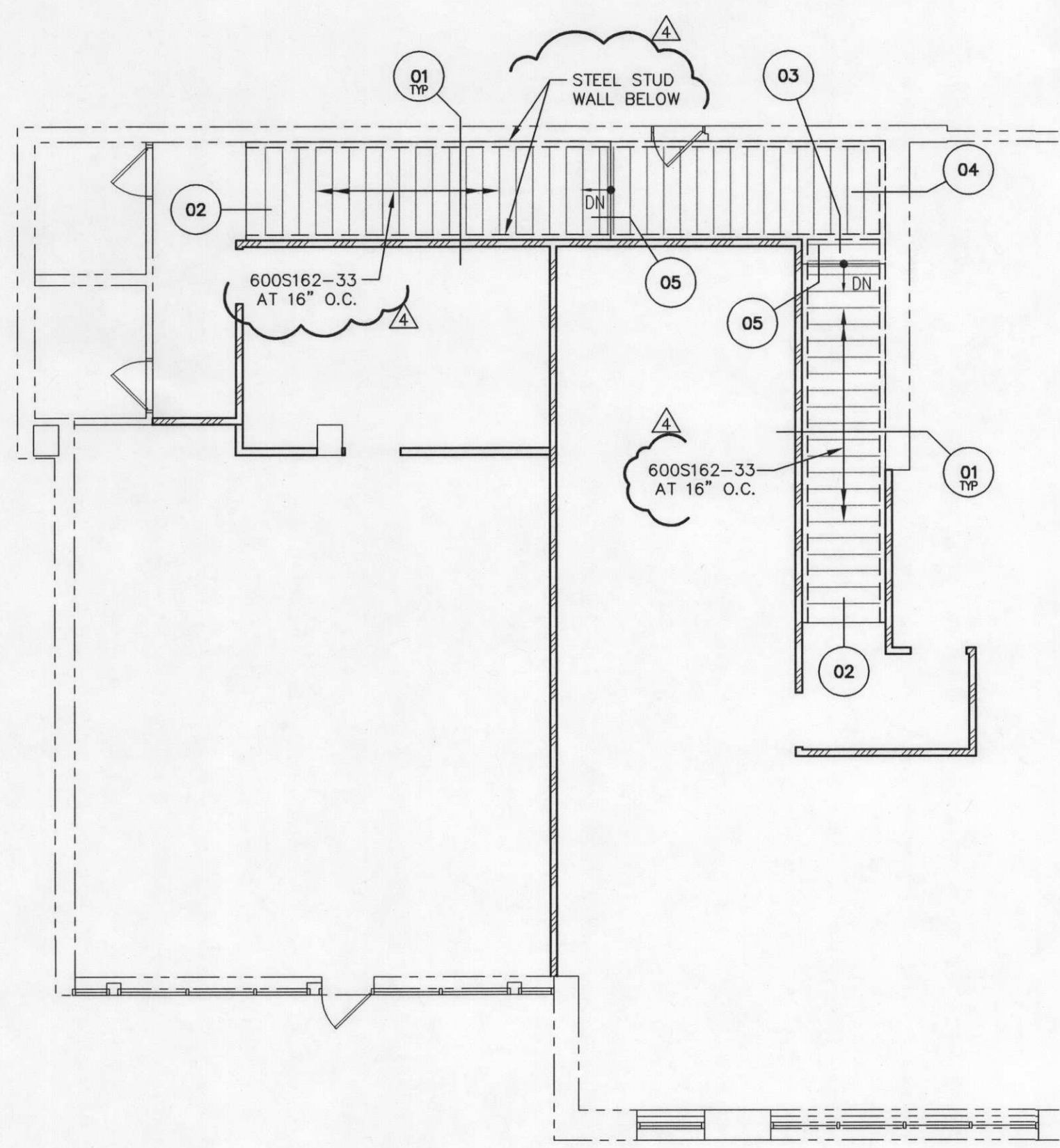
03 WOOD JOIST TO WOOD STUD WALL 14-1301 NO SCALE

### NOTES:

1. EDGE NAILING.
2. PLYWOOD SHEATHING PER G.S.N.
3. STEEL STUD WALL.
4. 362T125-43 STEEL TRACK.

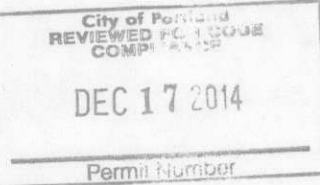


04 PLYWOOD TO WOOD STUD WALL 14-1301 NO SCALE



## FOUNDATION PLAN

SCALE: 1/8" = 1'-0"



THESE DRAWINGS/CALCULATIONS ARE CONSIDERED PRELIMINARY -NOT FOR CONSTRUCTION OR RECORDING UNLESS THE STRUCTURAL ENGINEER OF RECORD'S SEAL IS AFFIXED WITH WRITTEN SIGNATURE.

PROJECT NUMBER	14-1301	PROJECT MANAGER	RAD
PROJECT ENGINEER	TLW	PROJECT DRAFTER	DKS

**CARUSO • TURLEY • SCOTT • INC**  
consulting structural engineers  
1215 West Rio Salado Parkway, Suite 200  
Tempe, Arizona 85281 (480) 774-1700 (774-1701 FAX)  
www.ctsae.com

## LAWRENCE GROUP

Austin Carolina New York Philadelphia St. Louis

Office: 319 North 4th Street  
Suite 1000  
St. Louis, Missouri 63102  
p 314.221.5700  
f 314.221.0816

Project Team:

General Contractor:

HORIZON RETAIL CONSTRUCTION,  
1500 HORIZON DRIVE  
STURTEVANT, WI 53177  
MAIN: 262.638.6000  
MAIN FAX: 262.638.6015

Professional Structural Engineer:

CARUSO TURLEY SCOTT  
1215 W. RIO SALADO PKWY  
SUITE 200  
TEMPE, AZ 85281  
T: (480) 774-1700

Professional Seal:



Project Title:

## H&R Block Branch #TBD

Branch Office Facility

Portland, Oregon 97201  
650 SW Lowell, Suite 1

The Professional Architect's seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plans, drawings or documents not exhibiting this seal.

This drawing and details on it are the sole property of the architect and may be used for this specific project only. It shall not be loaned, copied or reproduced, in whole or in part, or for any other purpose or project without the written consent of the architect.

No.	Description	Date
1	OWNER REVISION 1	09/30/14
2	OWNER REVISION 2	11/14/14
3	CITY REVISION 3	12/10/14
4	CITY REVISION 4	12/15/14

Sheet Title:

GENERAL STRUCTURAL NOTES,  
PLAN, AND DETAILS

Project Number:

14923.011

Drawn By:

AMR

Issue Date:

September 15, 2014

S1



GENERAL STRUCTURAL NOTES

(APPLY UNLESS NOTED OTHERWISE ON DRAWINGS)

STRUCTURAL STEEL:

GENERAL:

ALL CONSTRUCTION PER REFERENCED AISC STEEL CONSTRUCTION MANUAL. ALL MISCELLANEOUS STEEL UNLESS NOTED OTHERWISE SHALL BE ASTM A36 (Fy = 36 KSI). THE TERMS PIPE AND ROUND HOLLOW STRUCTURAL SHAPE (HSS) ARE USED SYNONYMOUSLY THROUGHOUT THESE DOCUMENTS ALONG WITH THE TERMS TUBE STEEL AND RECTANGULAR OR SQUARE HSS.

ALL STRUCTURAL ROLLED STEEL MEMBERS WITH Fy GREATER THAN 36 KSI ARE TO BE IDENTIFIED WITH AN ASTM SPECIFICATION MARK OR TAG PER IBC SEC. 2203.1.

UNLESS NOTED OTHERWISE, ALL BOLTS SHALL BE ASTM A307. ALL BOLTS SHALL BE INSTALLED WITH STEEL WASHERS AT SHORT SLOTTED HOLES USING SNUG TIGHT INSTALLATION, UNLESS NOTED OTHERWISE.

POST- INSTALLED ANCHORS:

GENERAL:

ALL POST-INSTALLED ANCHORS SHALL UTILIZE THE EXACT ANCHORAGE SYSTEM SPECIFIED IN THE STRUCTURAL DETAILS. WHERE ANCHORAGE "PER CSN" IS SPECIFIED, SEE BELOW. ANCHORAGE PRODUCTS MAY NOT BE SWAPPED BETWEEN MANUFACTURERS WITHOUT APPROVAL OF THE ENGINEER OF RECORD. ALL REQUEST FOR EQUIVALENT ANCHORAGE PRODUCTS MUST BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO BEING INSTALLED IN THE FIELD.

UNLESS NOTED OTHERWISE ? POST INSTALLED ANCHORS SHALL NOT BE INSTALLED UNTIL CONCRETE OR MASONRY MATERIAL HAVE REACHED DESIGN STRENGTH AND HAVE BEEN FULLY CURED FOR A MINIMUM OF 21 DAYS.

ALL ANCHORS SHALL BE INSTALLED BY QUALIFIED PERSONNEL. ALL ANCHORS SHALL BE INSTALLED WITH STEEL WASHERS AT SHORT SLOTTED HOLES IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS (MPI).

POST-INSTALLED ANCHORS IN CONCRETE:

ALL EXPANSION TYPE ANCHORAGE FOR CONCRETE INSTALLATION ONLY SHALL BE PER SIMPSON STRONG-TIE "STRONG-BOLT" 2 WEDGE ANCHOR PER ICC ESR-3037 OR APPROVED ICC EQUIVALENT. ALL EPOXY ADHESIVE TYPE ANCHORAGE FOR CONCRETE INSTALLATION ONLY SHALL BE PER SIMPSON STRONG-TIE "SET-XP" EPOXY ADHESIVE ANCHORS PER ICC ESR-2508 OR APPROVED ICC EQUIVALENT. ALL SCREW TYPE ANCHORAGE FOR CONCRETE INSTALLATION ONLY SHALL BE PER SIMPSON STRONG-TIE TITEN HD SCREW ANCHOR PER ICC ESR-2713 OR APPROVED ICC EQUIVALENT.

WELDING:

UNLESS NOTED OTHERWISE, ALL SHOP AND FIELD WELDS PER REFERENCED EDITION OF THE AWS STANDARDS. ALL WELDING SHALL BE PERFORMED BY WELDERS HOLDING VALID CERTIFICATES AND HAVING DOCUMENTED CURRENT EXPERIENCE IN THE TYPE OF WELD SHOWN ON THE DRAWINGS OR NOTES. CERTIFICATES SHALL BE THOSE ISSUED BY AN ACCEPTED TESTING AGENCY. ALL WELDING DONE BY E70 SERIES LOW HYDROGEN RODS UNLESS NOTED OTHERWISE. FOR GRADE 60 REINFORCING BARS, USE E90 SERIES. THESE DRAWINGS DO NOT DISTINGUISH BETWEEN SHOP AND FIELD WELDS; THE CONTRACTOR MAY SHOP WELD OR FIELD WELD AT THEIR DISCRETION. SHOP WELDS AND FIELD WELDS SHALL BE SHOWN ON THE SHOP DRAWINGS SUBMITTED FOR REVIEW.

SPECIAL INSPECTION – STRUCTURAL ONLY:

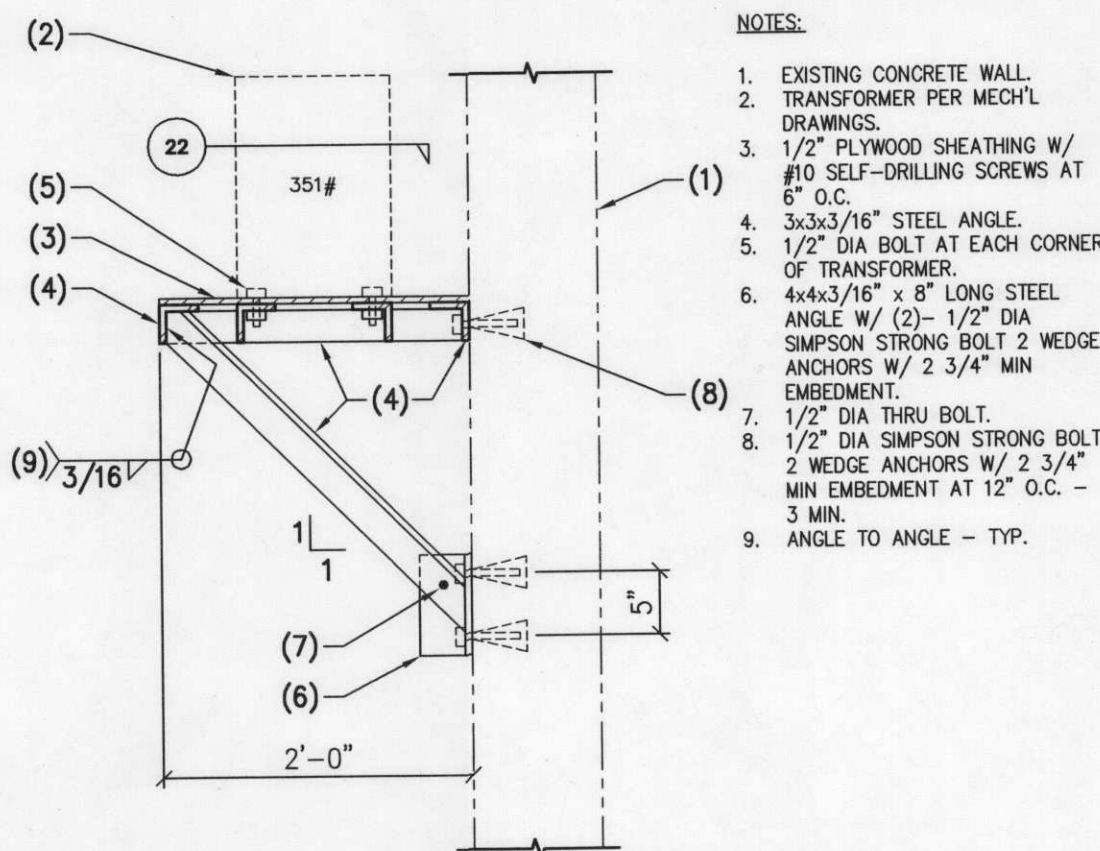
SPECIAL INSPECTION IS TO BE PROVIDED FOR THE ITEMS LISTED BELOW IN ADDITION TO THE INSPECTIONS CONDUCTED BY THE BUILDING JURISDICTION. "SPECIAL STRUCTURAL INSPECTION" SHALL NOT RELIEVE THE OWNER OR THEIR AGENT FROM REQUESTING THE BUILDING JURISDICTION INSPECTIONS REQUIRED BY SECTION 109 OF THE INTERNATIONAL BUILDING CODE. SPECIAL INSPECTION IS REQUIRED PER CHAPTER 17 FOR THE FOLLOWING:

STEEL CONSTRUCTION:

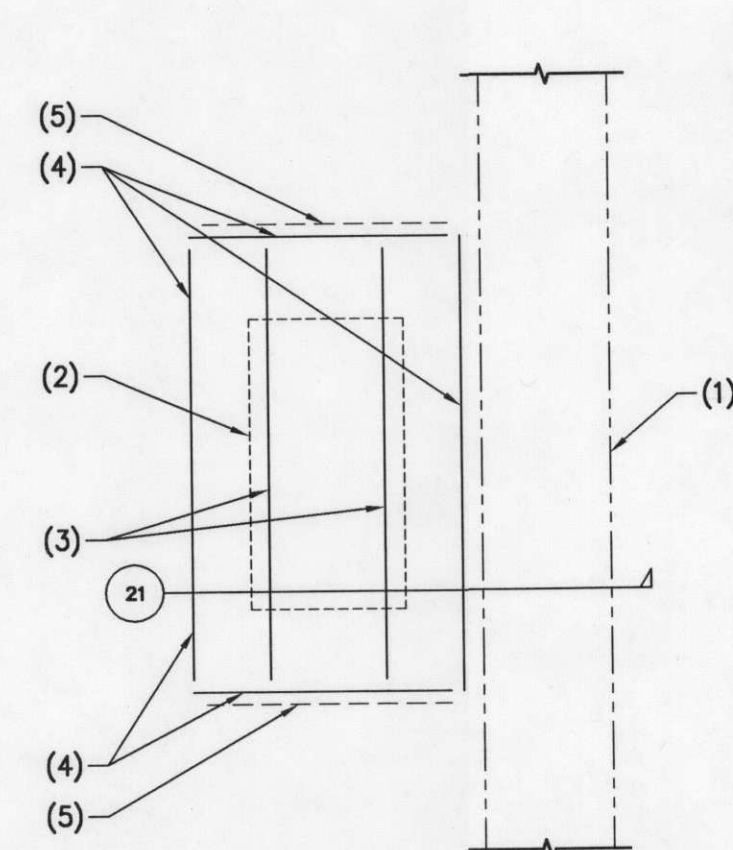
1. WELDING:
  - A. VERIFICATION OF VALID WELDER'S CERTIFICATES.
  - B. PERIODIC VISUAL INSPECTION OF ALL SHOP AND FIELD WELDS.
  - C. ALL STRUCTURAL STEEL FABRICATORS SHALL EMPLOY AN AWS CERTIFIED INDEPENDENT TESTING AGENCY TO PROVIDE SHOP WELD INSPECTIONS PER CODE. INSPECTION REPORTS AND REQUIRED DOCUMENTATION SHALL BE SUBMITTED TO ENGINEER OF RECORD PRIOR TO STEEL INSTALLATION.

SPECIAL CASES:

1. EXPANSION, EPOXY, ADHESIVE, AND SCREW ANCHORS: DURING THE PLACEMENT OF ALL ANCHORS SHOWN ON STRUCTURAL DRAWINGS. ADDITIONAL INSPECTIONS REQUIRED FOR REPAIR DETAILS SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE.
  - A. INSPECTION OF HOLE DIAMETER, HOLE DEPTH AND DRILL BIT CONFORMANCE.
  - B. INSPECTION OF HOLE CLEANING WITH WIRE BRUSH AND COMPRESSED AIR.
  - C. INSPECTION OF ANCHOR INSTALLATION USING SPECIFIED PRODUCT AND MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES.
  - D. INSPECTION OF EXPANSION ANCHORS SHALL INCLUDE THE VERIFICATION OF THE TIGHTENING TORQUE THAT IS SPECIFIED BY THE ANCHOR MANUFACTURER.



21 TRANSFORMER PLATFORM 14-1301 NO SCALE



22 PLAN - TRANSFORMER PLATFORM 14-1301 NO SCALE

LAWRENCE GROUP

Austin Carolinas New York Philadelphia St. Louis

Office: 319 North 4th Street  
Suite 1000  
St. Louis, Missouri 63102  
p 314.221.0700  
f 314.221.0816

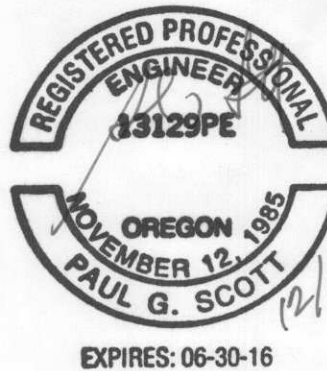
Project Team:

General Contractor:  
HORIZON RETAIL CONSTRUCTION, INC.  
1500 HORIZON DRIVE  
STURTEVANT, WI 53177  
MAIN: 262.638.6000  
MAIN FAX: 262.638.6015

Professional Structural Engineer:

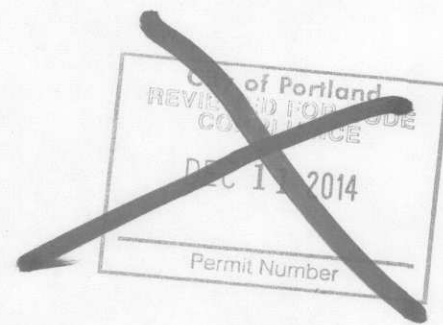
CARUSO TURLEY SCOTT  
1215 W. RIO SALADO PKWY  
SUITE 200  
TEMPE, AZ 85281  
T: (480) 774-1700

Professional Seal:



Project Title:

Branch Office Facility  
H&R Block  
Branch #TBD  
650 SW Lowell, Suite 1  
Portland, Oregon 97201



The Professional Architect's seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plans, drawings or documents not exhibiting this seal.

This drawing and details on it are the sole property of the architect and may be used for this specific project only. It shall not be loaned, copied or reproduced, in whole or part, or for any other purpose or project without the written consent of the architect.

No.	Description	Date
1	OWNER REVISION 1	09/30/14
2	OWNER REVISION 2	11/14/14
3	CITY REVISION 3	12/10/14

Sheet Title:

GENERAL STRUCTURAL NOTES,  
AND DETAILS

Project Number:

14923.011

Drawn By:

AMR

Issue Date:

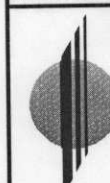
September 15, 2014

Sheet Number:

S2

THESE DRAWINGS/CALCULATIONS ARE CONSIDERED PRELIMINARY - NOT FOR CONSTRUCTION OR RECORDING UNLESS THE STRUCTURAL ENGINEER OF RECORD'S SEAL IS AFFIXED WITH WRITTEN SIGNATURE.

PROJECT NUMBER	14-1301	PROJECT MANAGER	RAD
PROJECT ENGINEER	TLW	PROJECT DRAFTER	DKS



CARUSO · TURLEY · SCOTT · INC  
consulting structural engineers  
1215 West Rio Salado Parkway, Suite 200  
Tempe, Arizona 85281 (480) 774-1700 (774-1701 FAX)  
www.ctsaz.com