



CITY OF SANTA ANA

BUILDING PERMIT WORKSHEET

PLEASE PRINT

1/14/09:forms/Bldg.App.Worksheet

PROJECT ADDRESS: <u>3316 BRISTOL ST.</u>		SUITE:	SAPIN # <u>10173563</u>	
USE OF BUILDING:	RESIDENTIAL	<input checked="" type="radio"/> COMMERCIAL	INDUSTRIAL	OTHER
				MASTER ID#
NATURE OF WORK:	NEW	ADD	<input checked="" type="radio"/> ALTER/T.I.	DEMO
		REROOF	REPAIR	SIGN
MISC				
NEW/ADDITION/ALTERATION:				
1ST FL..	_____ SF	BASEMENT: YES/NO	_____ SF	NO. OF STORIES: _____
2ND FL..	_____ SF	PATIO/ENCL. PATIO:	_____ SF	BLDG. HEIGHT: _____
TOTAL OF OTHER FLS:	_____ SF	RES. REMODEL:	_____ SF	PROPOSED USE: _____
GARAGE/CARPORT:	_____ SF	ALTER/T.I.:	<u>1500</u> SF	
JOB DESCRIPTION (non-residential projects see reverse side of this application): <u>T1 FOR PAPA</u> <u>JOHN'S PIZZA STORE</u>				
BUILDING OWNER'S NAME: <u>CP BRISTOL-S ALLC</u>			PHONE NO: <u>720-493-5100</u>	
ADDRESS: <u>8480 E. ORCHARD RD</u>	CITY: <u>GREENWOOD VILLAGE</u>	STATE: <u>CO</u>	ZIP: <u>80111</u>	
TENANT'S NAME (Comm/Ind): <u>PJ of SOUTHERN CALIFORNIA LP</u>			PHONE NO: <u>949-502-8336</u>	
CONTRACTOR'S NAME: <u>COASTLINE DESIGN & CONSTR INC.</u>		STATE CONTR. #: <u>773830</u>	LICENSE CLASS: <u>R</u>	PHONE NO: <u>949-701-4962</u>
ADDRESS: <u>32 EDELMAN</u>		CITY: <u>IRVINE</u>	STATE: <u>CA</u>	ZIP: <u>92618</u>
WORKERS COMP. POLICY#: <u>EXEMPT</u>	EXP. DATE:	INSURANCE COMPANY:	SANTA ANA BUS. LIC. #:	
ARCHITECT/ENGINEER: <u>PA ASSOCIATES, INC. PARUZAZAR</u>		STATE LICENSE #: <u>C-037812</u>	PHONE NO: <u>949-679-7474</u>	
ADDRESS: <u>22 EDELMAN</u>		CITY: <u>IRVINE</u>	STATE: <u>CA</u>	ZIP: <u>92618</u>
CONTACT NAME: <u>IRFAN BOUKAI</u>		PHONE NO: <u>949-350-2760 (CELL)</u>		
E-MAIL ADDRESS: <u>IRFANB@COX.NET</u>		FAX NO: <u>949-701-4964</u>		

OFFICE USE ONLY: ACC OR SPC (CIRCLE ONE) 3 HRS PER ju BLDG. FEE \$ _____

OCC. GROUP: B RECEIPT #: _____ P/C FEE PD \$ 480-1158321

TYPE OF CONSTR: VB VALUATION: \$ 60,000 SUBMITTAL DATE: 10-27-11

FIRE SPKR: YES / NO A/C: YES / NO FLOOD ZONE: _____ PROCESSED: [Signature]

RES. DEV. FEE: YES / NO PRIOR DWELLING UNIT: YES / NO COMMENTS: _____

PLANNING OK TO CHECK & DATE _____ BLDG. DEPT. APPROVAL & DATE _____

PLNG CONDITIONS: _____

PLEASE CHECK ALL THAT APPLY TO YOUR PROJECT

JOB DESCRIPTION CHECKLIST:

- | | |
|--|---|
| <input type="checkbox"/> Additional square footage | <input checked="" type="checkbox"/> Partition walls |
| <input type="checkbox"/> Awnings | <input type="checkbox"/> Rated corridors |
| <input type="checkbox"/> Canopy | <input type="checkbox"/> Rated shafts |
| <input checked="" type="checkbox"/> Ceiling work | <input checked="" type="checkbox"/> Roof mounted equipment |
| <input checked="" type="checkbox"/> Change of occupancy (use) | <input type="checkbox"/> Security bars |
| <input type="checkbox"/> Disabled accessible (H/C) restrooms | <input type="checkbox"/> Screening for equipment |
| <input type="checkbox"/> Dust collector | <input type="checkbox"/> Skylights |
| <input type="checkbox"/> Elevator shaft | <input type="checkbox"/> Stairs |
| <input type="checkbox"/> Exterior doors or windows | <input type="checkbox"/> Storefront/facade improvements |
| <input type="checkbox"/> Equipment pads | <input type="checkbox"/> Storage racks or shelving over 5'-9" |
| <input checked="" type="checkbox"/> Interior demo <i>Minor</i> | <input checked="" type="checkbox"/> Walk-in coolers |
| <input type="checkbox"/> Kitchen equipment | |

ITEMS REQUIRING SEPARATE BUILDING PERMIT APPLICATIONS:

- Block wall
- Card readers
- Complete demo
- Fence
- Fire signaling system
- Fire sprinklers
- Flagpole
- Lawn sprinkler system
- Light Standards
- Parking lot repaving
- Parking lot restriping
- Pedestrian protection
- Pool/Spa
- Signs
- Spray booth
- Temporary power pole
- Trash enclosure

CITY OF SANTA ANA
PLAN CHECK - CHECKLIST

JOB ADDRESS: 3316 S. BRISTOL

TRACKING #: _____ DATE: 10-27-11

FOR PLANCHECK STATUS CALL (714) 647-5800

PLEASE INITIAL EACH ITEM BELOW

IB 1. I agree to pay a plancheck fee established for this project with the understanding that this payment is not a guarantee that a permit will be issued and that this fee is not refundable once a plancheck has commenced.

IB 2. I understand that I may request an "Accelerated Plancheck" at an additional cost to me. This plancheck will be performed by an in-house plan checker with the intention of reducing plancheck time for the Building & Safety Division.

IB 3. I understand that the project valuation (from which plancheck and permit fees are calculated) will be reviewed during the plancheck process and that said valuation shall be adjusted up or down in accordance with established fee computation regulations.

IB 4. I understand that I shall submit **separate plans, applications and plancheck fees** for the following when plan check is required:

- a. Electrical Plans - 2 complete sets
- b. Plumbing Plans - 3 complete sets
- c. Mechanical Plans - 2 complete sets
- d. Grading Plans - 3 complete sets

IB 5. I understand that I shall visit the Public Works Department to verify whether a field inspection of the property is required. I understand that prior to the issuance of the Building permit I am required to obtain Public Works Agency approval if my project valuation exceeds \$30,000 or has added plumbing fixtures, or added bedrooms, or exceeds 500 sq.ft.

AGREED TO BY APPLICANT OR AGENT

Applicant's Signature _____ 

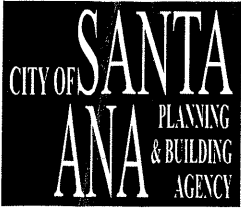
Print Name IRFAN BOUKA Address 32 EDELMAN, IRVINE CA 92612

Telephone Number 949-350-2760 Fax 949-701-4964

FOR OFFICE USE ONLY: "Checklist of items discussed" APPROVALS & FEES REQUIRED: Y/N

- | | | |
|--|---|--|
| 1. <input checked="" type="checkbox"/> Planning Department | 7. <input checked="" type="checkbox"/> Title 24 (Energy) | 14. ___ Constr. Act. Req. |
| 2. <input checked="" type="checkbox"/> Public Works Agency | 8. <input checked="" type="checkbox"/> Title 24 (Disabled Access) | 15. ___ Res. Dev. Fees |
| 3. <input checked="" type="checkbox"/> Fire Department | 9. <input checked="" type="checkbox"/> Roof Mounted Equip. | 16. ___ SMIP |
| 4. <input checked="" type="checkbox"/> Police Department | 10. ___ List of Subcontr. | 17. <input checked="" type="checkbox"/> Microfilming |
| 5. ___ School District | 11. ___ Bldg. Pmt. Info. | 18. ___ Const. Debris Recyc. |
| 6. <input checked="" type="checkbox"/> Health Department | 12. ___ Summary of Appr. Req. | 19. <input checked="" type="checkbox"/> FCWP Surcharge |
| | 13. ___ FY Information | 20. ___ LOA/Owner-Builder Ver. |

PERMIT TECHNICIAN _____ 



Planning & Building Agency
 Permits & Plan Check Section
 20 Civic Center Plaza
 P.O. Box 1988 (M-19)
 Santa Ana, CA 92702
 (714) 647-5800
 www.santa-ana.org

ACCELERATED PLAN CHECK REQUEST

HO18: 07-01-11

Project Address: 3316 S. BRISTOL

Misc. Receipt: 58321 Processed By: [Signature] Plan Checked By: _____

Cost: \$117.70 per hour for each discipline. The plan checker will estimate the number of hours for review. This fee is in addition to the regular plan check fee.

Type of Plan Check: Building 10173563 Electrical _____
 Est. Hrs. 3 Actual 3 KA Est. Hrs. _____ Actual _____
 Plumbing _____ Mechanical _____
 Est. Hrs. _____ Actual _____ Est. Hrs. _____ Actual _____

Owner/Representative Signature: [Signature]

Print Name: IRAN BOUKARI Date: 10/27/11

Telephone Number: (949) 350-2760 Fax Number: (949) 701-4964

IR An accelerated plan check review will not include the following:
Fire, Police, Public Works, Planning or Landscaping Plan Check

Revisions: If requesting an "accelerated revision", the cost will be \$207.25 per hour in addition to the accelerated fee of \$117.70 per hour (total \$324.95).

INTERNAL USE ONLY

Name (Last, First, Initial)		Employee #	Division
From (Date & Time)	To (Date & Time)	Total Hours Worked	<input type="text"/> Comp Time Requested <input type="text"/> Overtime Requested
Employee Signature: _____		Date: _____	
AUTHORIZED <input type="text"/> Comp time <input type="text"/> Overtime Immediate Supervisor _____ Date _____		APPROVALS Division Manager _____ Date _____ Executive Director _____ Date _____	



Planning and Building Agency
Planning Division
20 Civic Center Plaza
P.O. Box 1988 (M-20)
Santa Ana, CA 92702
(714) 647-5804
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**Sapin Dev Rev
Application Data Sheet**

Master ID.: 2011-99807

Application Number: NONR-2011-603-TI

Project Address: 3316 S Bristol St

Application Date: 10/25/2011

Planner/Project Manager: Perry, Lynnette

Determination: Returned To Applicant

Application Description: Add kitchen equipment & vent hood fan; walk in cooler w/roof mounted compressor; non-bearing walls for office; upgrade bathroom. Roof equipment will require a visibility detail to be submitted.

Dev Rev Project Conditions:

OK TO PLAN CHECK: PRIOR TO ISSUANCE OF BUILDING PLANS THE BUSINESS LIC & C/O MUST BE APPROVED & A VISIBILITY DETAIL OF THE ROOF EQUIPMENT MUST BE SUBMITTED & APPROVED.

GREASE INTERCEPTOR



MEMORANDUM

To: Kraig Kiker, Senior Plumbing/Mechanical
Systems Specialist

Date: October 25, 2011

From: Phillip Vakili- Assistant Engineer

Location: 3316 SOUTH BRISTOL STREET- PAPA JOHN'S PIZZA RESTAURANT

The above referenced food service establishment (FSE) must comply with Ordinance NS-26-70 as follows:

X A grease interceptor is required at this FSE for the following reason(s):

- This is a new FSE.
- This is an existing FSE undergoing remodeling.
- This is an existing FSE involving a change of ownership that will result in an increase of FOG discharged to the sewer system or is likely to continue discharging a high level of FOG.

C/c: Cesar Barrera, PWA
Taig Higgins, PWA
Kraig Kiker, P&BA
Everett Tomlinson, P&BA
Patricia Link, P&BA
Julie Amsden, P&BA
George Moran, P&BA
Ramon Gallegos, EEC Inc.
Armando Fernandez, PWA
Rudy Rosas, PWA
Brian Ige, PWA



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TENANT IMPROVEMENT PLAN CHECK COMMENTS

PLAN CHECK NO:	10173563		
PROJECT ADDRESS:	3316 S Bristol St		
PLAN CHECK ENGINEER:	Ahangian, Kathy	TEL: 714	647-5812
		FAX: 714	647-5897
TYPE OF CONSTRUCTION:	V B		
OCCUPANCY CLASSIFICATION(S):	B		
PLAN CHECK DATES:		REMARKS/RECHECK ITEMS:	
APPLICATION	10/27/2011		
INITIAL REVIEW	11/5/2011		
EXPIRATION	4/24/2012		
RECHECKS:	1. 12-28-2011	PROJECT APPLICANT CONTACT PERSON:	
	2.	Irfan Boukai	
	3.	TEL:	(949)701-4962
VALUATION:	\$60,000.00	FAX:	
FLOOD ZONE:	X-0602320259J	EMAIL:	irfanb@cox.net

**APPLICABLE CODE: 2010 CALIFORNIA BUILDING CODE (CBC) WITH
 CITY OF SANTA ANA AMENDMENTS**

- All items noted on this plan check report must be addressed. If you feel that an item is not applicable to your project, note "N/A" and discuss the reason with the plan checker.
- Please indicate the sheet number and detail to the right of each correction, or note the number on the plans where the correction is made. Resubmit marked original, calculations and this correction sheet. A separate sheet for response may be used.
- Resubmit 3 corrected sets of plans.
- Meetings between the project applicant/designer and the plan reviewer shall be by appointment only. Please call (714) 647-5812 for an appointment.
- Please return marked up set of drawings with corrections.

- 6. All persons preparing plans, specifications, and instruments of service for others shall sign those plans, specifications and other instruments of service for others shall sign those plans, specifications and other instruments of service and all contracts therefore. This requirement applies to both exempt and non-exempt projects. Business and Professions Code Chapter 3, Division 3, Section 5536.1(a).
- 7. Include address and telephone number of the responsible designer, and date of signing of drawings.
- 8. This review does not include mechanical, plumbing, fire sprinkler system, or electrical work. Separate plans, applications, fees, plan checks, and permits are required for mechanical, plumbing, fire sprinkler systems, and electrical work. Call 647-5800 for information.

9. **The applicant shall obtain clearances/approvals for the following prior to building permit issuance:**

- Planning Division approval on the corrected/final set of drawings (647-5804.) Previously approved plans should be submitted to expedite the process.
- Fire Department approval on the corrected/final sets of drawings (647-5839 or 647-5700)
- Public Works Agency approval (647-5039)
- County of Orange Health Department approval on the corrected/final set of drawings (667- 3600)

Pending Proof of Worker's Compensation Insurance shall be required at the time of permit issuance

10. Please fill out attached handicap compliance form. *12-28-11* **PROPERTY OWNER WILL SEND IT.**

11. Enlarge handicap parking to show it is in compliance with path of travel. *12-28-11* **provide truncated dome on curb ramp for the full ENLARGED A-1 length and width of the ramp**

12. Provide minimum 30" x 48" clearance at the hand sink. *12-28-11* **A-2/A-5 ADDED**

13. Provide minimum 60" clear radius in the office. *12-28-11* **A-2/A-5 ADDED**

14. Provide a wall legend indicating whether the wall is: *12-28-11* **A-2**

- Existing, new, or to be removed
- A fire-resistive assembly
- Bearing walls versus non-bearing partitions

15. Provide typical section view detail of all new partitions and ceilings showing: *Pending 12-28-11* **Height of the partition walls.** **A-2 / A-2**

- Size, spacing, and material of framing members
- Note gauge and ICC Research Report number and installation/construction requirements for metal framing members.
- Method of attaching framing to the building structure. Compliance shall be shown with CBC Section 1607.13 for lateral support of the walls. Do not support top of walls to suspended ceiling system unless calculations and drawing prepared by a registered engineer are submitted for review. Submit structural engineering calculations for walls in rooms with a floor to building structure above height greater than 14'.

Pending

- Heights of partition, suspended ceiling, structure above.

16. The width of the level area on the side to which the door swings shall extend 12" past the strike edge of the door for exterior doors and 18" past the edge for interior doors. CBC Section 1126A.3.2. (FOR WALK IN COOLER) *see A-5*

17. Show location of tactile exit sign on the drawings.

18. CBC Section 1110B.1.3, Check Stands CBC Table 11B-2: *provide elevation and the checkstand shall be on the same line that other cashiers are located.*

NUMBER OF REGULAR CHECKSTANDS	NUMBER TO BE ACCESSIBLE
1 to 4	1
5 to 8	2
9 to 15	3
Over 15	3 plus 20% of additional aisles

A-5

- In new and existing construction, accessible check stands shall provide a clear checkout aisle width of 36" with a maximum adjoining counter height not exceeding 38" above the finish floor.

- The top of the counter lip shall not exceed 40" above the finish floor.

- Accessible check stands shall always be open to customers with disabilities and shall be identified by a sign clearly visible to those in wheelchairs. The sign shall display the international symbol of accessibility in white on a blue background and shall state "This check stand to be open at all times for customers with disabilities."

19. Show height of the shelves on the drawings, for shelving between 6'-8' high provide attachment detail.

20. Show weight of the oven hood on the drawing.

A-3 / A-2 A-4 / A-5 6' HIGH

21. Show how oven hood will be supported.

A-2

22. If there is type I hood, provide I-hr shaft.

A-3

23. Provide complete construction detail for I-Hr shaft.

A-2

24. Provide details on the drawings for the seismic restraint of water heater.

A-2

25. Show if T-bar ceiling is new or existing.

A-2

26. Provide a complete suspended ceiling system plan and section detail showing the following:

- Vertical supports
- Seismic wires
- Seismic strut/Compression strut
- Perimeter wires
- Separate fixture wires for lights and mechanical devices
- ICC Research Report number for the suspended ceiling

A-2

12-28-11
12-28-11
12-28-11

Pending B

12-28-11

12-28-11
12-28-11

Pending not Found

12-28-11

12-28-11
12-28-11

12-28-11
Pending not Found

27) The reflected ceiling plan and details must show compliance with CBC Sections 711.3.1, 803, 1613, and 1705 (special inspection) for suspended ceiling systems.

A-3
A-5

28. Verify if walk in cooler is prefabricated or custom built.

A-5

29. For prefabricated walk in cooler provide ICC report, and for custom built walk in cooler provide complete construction detail.

12-28-11

30) show size of the roof joists on sheet A3 (Detail for hood attachment)

31) on hood attachment detail show size and spacing of the roof joists. (show how many roof joists are supporting the unit).



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TENANT IMPROVEMENT PLAN CHECK COMMENTS

PLAN CHECK NO: 10173563

PROJECT ADDRESS: 3316 S Bristol St

PLAN CHECK ENGINEER: Ahangian, Kathy

TEL: 714 647-5812

FAX: 714 647-5897

TYPE OF CONSTRUCTION: V B

OCCUPANCY CLASSIFICATION(S): B

PLAN CHECK DATES:

APPLICATION	10/27/2011	REMARKS/RECHECK ITEMS:
INITIAL REVIEW	11/5/2011	
EXPIRATION	4/24/2012	
RECHECKS:	1. 12-28-2011	
	2. 1-24-2012	
	3.	

PROJECT APPLICANT CONTACT PERSON:
 Irfan Boukai

TEL: (949)701-4962

FAX:

EMAIL: irfanb@cox.net

VALUATION: \$60,000.00

FLOOD ZONE: X-0602320259J

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5. Please return marked up set of drawings with corrections.

1-24-2012
12-28-11
12-27-11
Pending not Found

27) The reflected ceiling plan and details must show compliance with CBC Sections 711.3.1, 803, 1613, and 1705 (special inspection) for suspended ceiling systems.

28. Verify if walk in cooler is prefabricated or custom built.

A-3
A-5

29. For prefabricated walk in cooler provide ICC report, and for custom built walk in cooler provide complete construction detail.

A-5

12-28-11
30) Show size of the roof joists on sheet A3 (Detail 1-24-12 for hood attachment)

31) on hood attachment detail show size and spacing of the roof joists. (show how many roof joists are supporting the unit).

* add size of the oven hood.
Note, oven hood is being supported by 2 ^{min} Beam.

* Fill out Handicap Compliance Form.



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EXPIRATION	4/24/2012		
RECHECKS:	1. 12-28-2011	PROJECT APPLICANT CONTACT PERSON:	
	2. 1-24-2012	Irfan Boukai	
	3. 2-13-2012	TEL:	(949)701-4962 <i>cell: 949-350-2760</i>
VALUATION:	\$60,000.00	FAX:	
FLOOD ZONE:	X-0602320259J	EMAIL:	irfanb@cox.net

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- Public Works Agency approval (647-5039)

Fixed out a sign

Pending

Pending

Pending

Pending

Pending

Pending

Pending

Pending

Pending

Pending

Pending

Pending

Pending

Pending

County of Orange Health Department approval on the corrected/final set of drawings (667- 3600)

Proof of Worker's Compensation Insurance shall be required at the time of permit issuance

10. Please fill out attached handicap compliance form. *PROPERTY OWNER WILL SEND IT*

11. Enlarge handicap parking to show it is in compliance with path of travel. *Provide truncated dome on curb ramp For the full ENLARGED A-1 length and width of the ramp.*

12. Provide minimum 30" x 48" clearance at the hand sink. *A-2/A5 ADDED*

13. Provide minimum 60" clear radius in the office. *A-2/A5 ADDED*

14. **Provide a wall legend indicating whether the wall is:** *ADDED TRUNCATED DOME FULL WIDTH LENGTH A-2*

- Existing, new, or to be removed
- A fire-resistive assembly
- Bearing walls versus non-bearing partitions

15. **Providing typical section view detail of all new partitions and ceilings showing:** *Height of the partition walls. A-2 / A-2*

- Size, spacing, and material of framing members
- Note gauge and ICC Research Report number and installation/construction requirements for metal framing members.
- Method of attaching framing to the building structure. Compliance shall be shown with CBC Section 1607.13 for lateral support of the walls. Do not support top of walls to suspended ceiling system unless calculations and drawing prepared by a registered engineer are submitted for review. Submit structural engineering calculations for walls in rooms with a floor to building structure above height greater than 14'.

Heights of partition, suspended ceiling, structure above.

16. The width of the level area on the side to which the door swings shall extend 12" past the strike edge of the door for exterior doors and 18" past the edge for interior doors. CBC Section 1126A.3.2. (FOR WALK IN COOLER) *see A-5*

17. Show location of tactile exit sign on the drawings.

18. CBC Section 1110B.1.3, Check Stands CBC Table 11B-2:

A-2 The checkstand shall be on the same line that other cashiers are located.
A-5

NUMBER OF REGULAR CHECKSTANDS

NUMBER TO BE ACCESSIBLE

- 1 to 4
- 5 to 8
- 9 to 15
- Over 15

- 1
- 2
- 3
- 3 plus 20% of additional aisles

SEE A-5

- In new and existing construction, accessible check stands shall provide a clear checkout aisle width of 36" with a maximum adjoining counter height not exceeding 38" above the finish floor.

- The top of the counter lip shall not exceed 40" above the finish floor.

- Accessible check stands shall always be open to customers with disabilities and shall be identified by a sign clearly visible to those in wheelchairs. The sign shall display the international symbol of accessibility in white on a blue background and shall state "This check stand to be open at all times for customers with disabilities."

19. Show height of the shelves on the drawings, for shelving between 6'-8' high provide attachment detail.

20. Show weight of the oven hood on the drawing.

A-3 / A-2 *A-4 / A-5* *6' HIGH*

21. Show how oven hood will be supported.

A-2

22. If there is type I hood, provide I-hr shaft.

A-3

23. Provide complete construction detail for I-Hr shaft.

A-2

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A-2

25. Show If T-bar ceiling is new or existing.

A-2

26. Provide a complete suspended ceiling system plan and section detail showing the following:

- Vertical supports
- Seismic wires
- Seismic strut/Compression strut
- Perimeter wires
- Separate fixture wires for lights and mechanical devices
- ICC Research Report number for the suspended ceiling

A-2

12-28-11
1-24-2012
Pending
1-24-2012
Pending
1-24-2012

12-28-11
2-13-12
2-13-12
12-28-11
12-28-11
1-24-2012
12-28-11

Pending not Found

1-24-2012
12-28-11
12-27-11
Pending not Found

27) The reflected ceiling plan and details must show compliance with CBC Sections 711.3.1, 803, 1613, and 1705 (special inspection) for suspended ceiling systems.

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A-2
A-5

A-5

12-28-11

30) Show size of the roof joists on Sheet A3 (Detail for hood attachment) SEE A-2 ✓

31) On hood attachment detail show size and spacing of the Roof joists. (show how many roof joists are supporting the unit) SEE A-3 ✓

2-13-2012

* add size of the oven hood.

Note, oven hood is being supported by 2 ^{min} Beam.

SEE A-2 ✓

INDEX OF DRAWINGS	
No.	DESCRIPTION
	COVER SHEET
A-1	SITE & ACCESSIBILITY PLAN
A-2	FLOOR PLAN
A-3	REFLECTED CEILING
A-4	INTERIOR ELEVATIONS/DINING ROOM
A-5	KITCHEN EQUIPMENT PLAN
M-1	HVAC PLAN
M-2	HOOD DETAILS
E-1	ELEC. GENERAL NOTES
E-2	ELECTRICAL PLAN
E-3	PANEL SCHEDULES
E-4	ELECTRICAL TITLE 24
P-1	PLUMBING PLAN
P-2	PLUMBING DETAILS

PROJECT DATA:

PROJECT DESCRIPTION:

T.I. FOR PAPA JOHN'S TAKE OUT PIZZA STORE.

TENANT IMPROVEMENT AREA 1500 S.F.

OCCUPANCY GROUP B

TYPE OF CONSTRUCTION VB
NON-SPRINKLERED

OCCUPANT LOAD $1351/200+149/15=$ 17

BUILDING CODE 2010 CBC, CMC, CEC, CPC, CFC.
& 2008 TITLE 24 ENERGY REGULATIONS.

NOTE:

A SEPARATE PERMIT IS REQUIRED FOR EXTERIOR SIGNS

NOTE:

A FIRE SUPPRESSION SYSTEM IS REQUIRED FOR TYPE I HOODS.
A SEPARATE FIRE DEPARTMENT PERMIT SHALL BE REQUIRED.

GENERAL CONTRACTOR:

COASTLINE DESIGN & CONSTRUCTION, INC.
32 EDELMAN
IRVINE, CA 92618
949-701-4962

ENGINEER:

PARVIZ AZAR
P.A. & ASSOCIATES, INC.
28 EDELMAN
IRVINE, CA 92618
949-679-7474



PERMIT TYPE: BLDG ELECT PLBG
 MECH GRADING

PERMIT# 10173563

OCC. GROUP B

CONSTR. TYPE VB

CODE EDITION CBC 2010

FLOOD ZONE

FLOOD ZONE CERTIF. REQ'D YES NO

MICROFILM YES NO

RADIANT BARRIER @ ROOF YES NO

RESIDENTIAL DEV. FEE YES NO

SCHOOL DISTRICT YES NO

ARCHITECTURAL STRUCTURAL
ACCEPTED FOR CONSTRUCTION

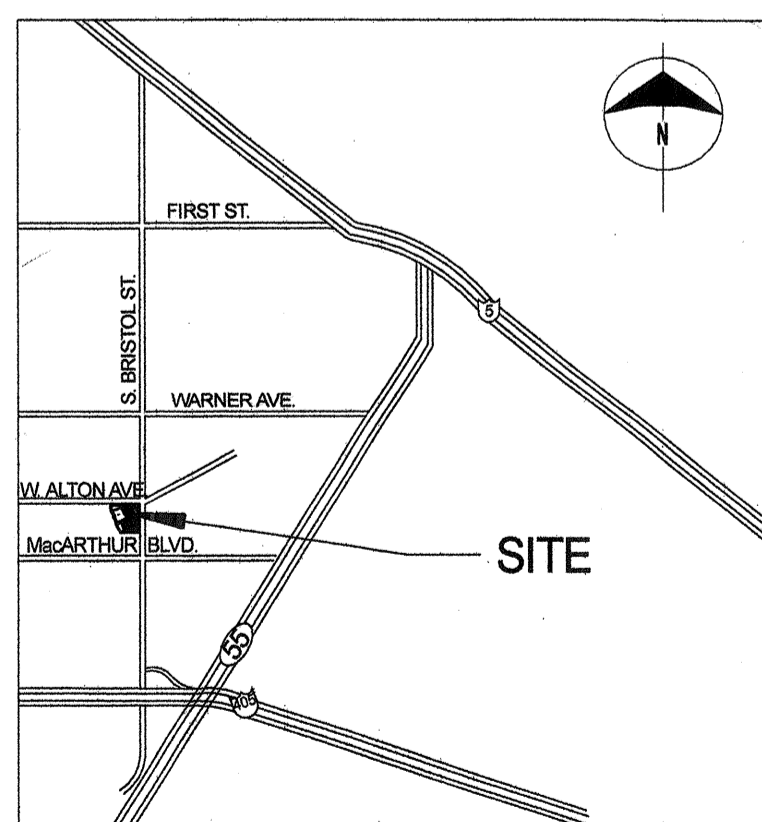
SEPARATE PERMITS ARE REQUIRED FOR
ELECTRICAL, PLUMBING & MECHANICAL PLANS
This set of plans and specifications must be kept on the job
at all times and it is intended to make any changes or
alterations on same without written permission from the
City of Santa Ana.

The acceptance of this plan and specifications SHALL NOT
be held to permit nor be an approval of the violation of any
provisions of ANY City Ordinance or State Law.

Accepted By *K. Blz* Date *2-13-2012*

CITY OF SANTA ANA *2/14/12*

Date Issued



LOCATION MAP



Better Ingredients.
Better Pizza.

- Subject To The Following Approvals:
- Planning Department
 - Fire Department
 - Police Department
 - Public Works Agency
 - Grading Permit
 - County of Orange Health Department
 - Cal. OSHA
 - Flood Plain
 - School District
 - Park Acquisition and Development

PLAN NUMBER PAPA JOHN'S PIZZA

SITE ADDRESS PAPA JOHN'S BRISTOL PLACE
3316 BRISTOL STREET
SANTA ANA, CA 92704

BUSINESS OWNER & TENANT:
PJ of Southern California, L.P.

48 MAXWELL
IRVINE, CA 92618
VOICE: 949-502-8336
FAX: 949-679-4144

PLAN DATE DECEMBER 12, 2011

APPROVED
PLANNING DIVISION

MASTER I.D. 2011-99804

G.P. Dc Zone C4

PLANNER *K. Blz* DATE 12/20/11

TRANSFERRED BY DATE

PLANNING INSPECTION REQUIRED:
ROUGH FINAL NONE

NAME (714)

RETAIN PLANS FOR FUTURE REFERENCE:
SUBJECT TO ITEMS CHECKED AND CONDITIONS
BELOW:

- INTERIOR ONLY
- NO EXTERIOR ALTERATIONS/MODIFICATIONS
- ALL MATERIALS TO MATCH EXISTING
- SCREENING REQUIRED
- SUBMIT LANDSCAPE PLANS

CONDITIONS: *T.I. w/ roof equipment & grease interceptor*

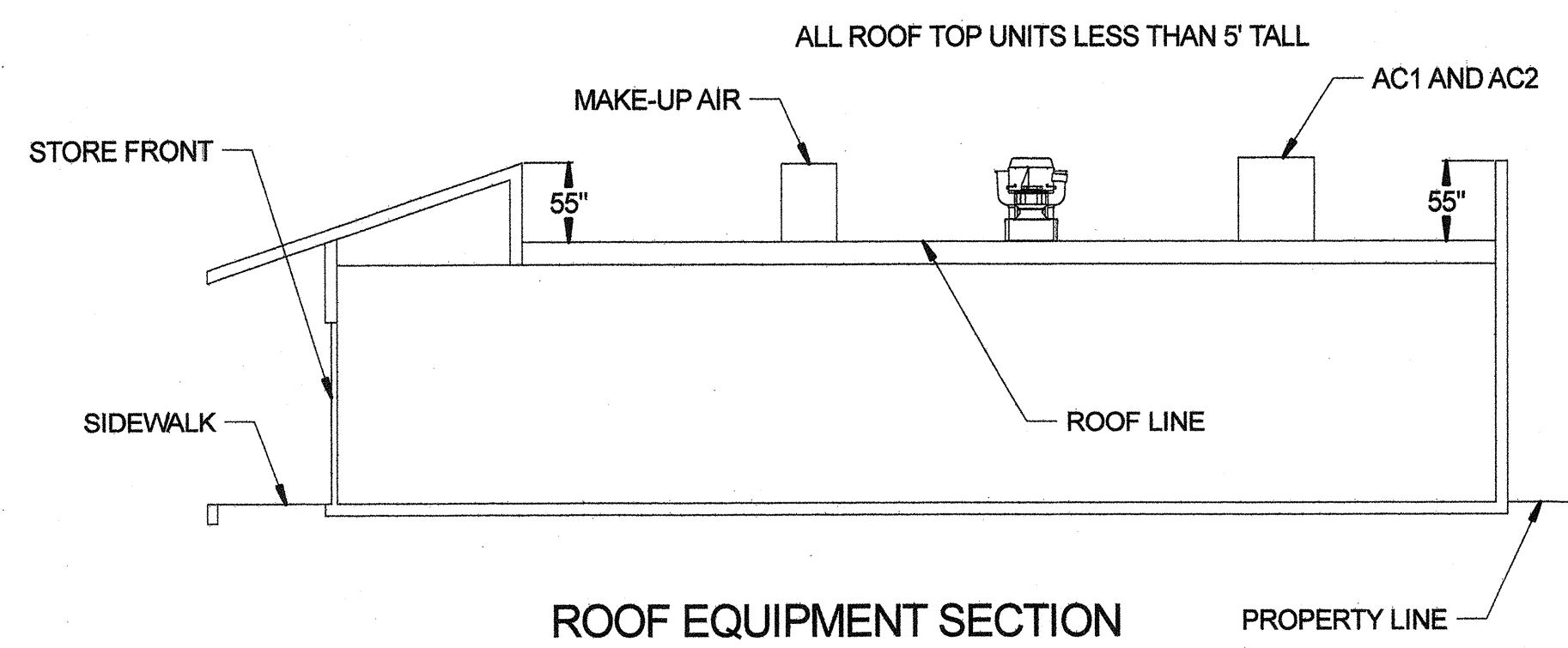
RECEIVED
DEC 20 2011

City of Santa Ana
APPROVED PLANS
SHALL BE ON JOB
SITE AT ALL TIMES

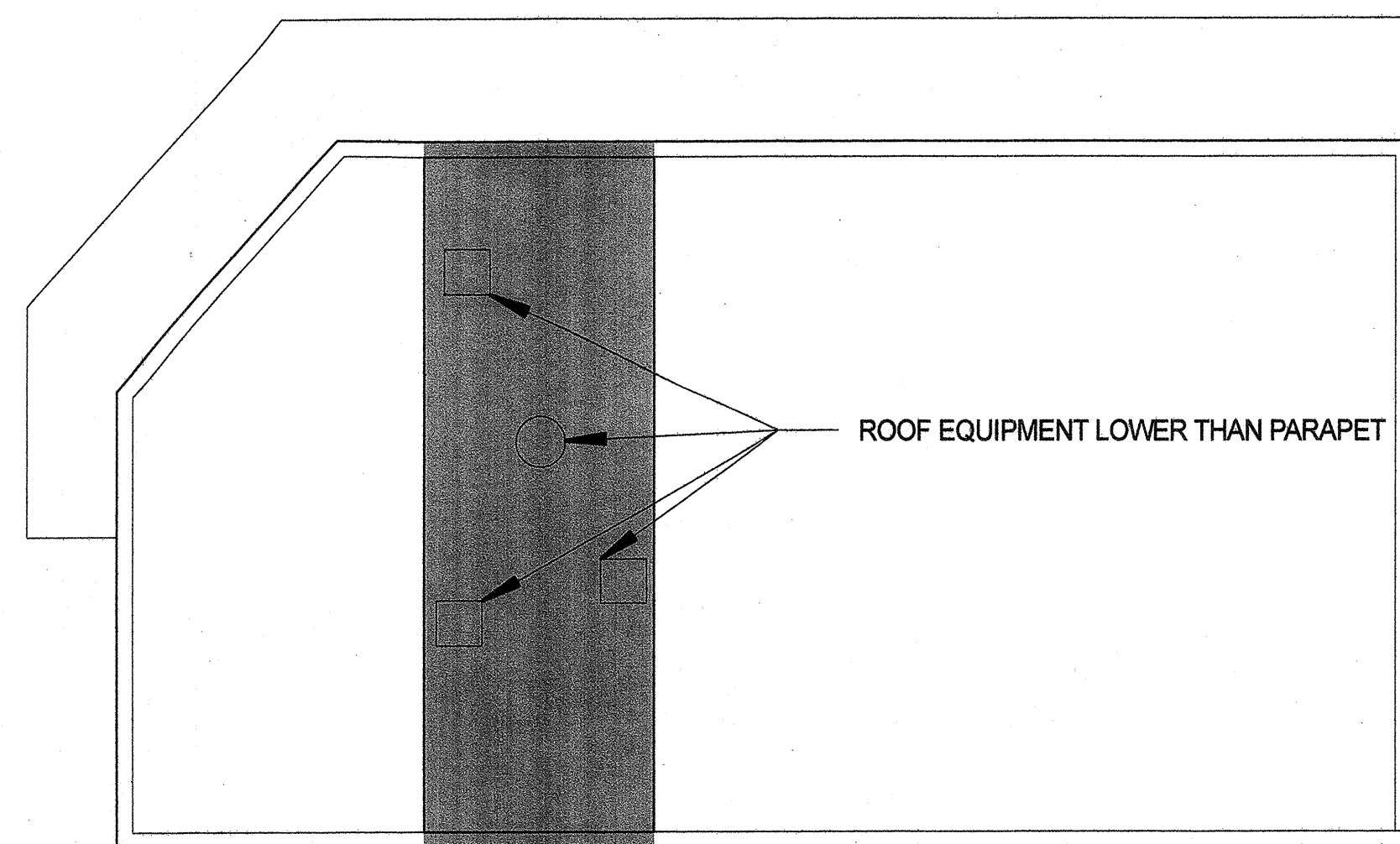
The starting of this...
SHALL BE...
or structural stability of...
APPROVED: 2-14-12
SANTA ANA FIRE DEPT.
SCHEDULE FIRE DEPARTMENT
INSPECTIONS AND TESTS
72 HOURS IN ADVANCE
PHONE (714) 847-5700
PORTABLE FIRE EXTINGUISHERS
SHALL BE PROVIDED PER IFPA 1C

RECEIVED
FEB 09 2012
City of Santa Ana

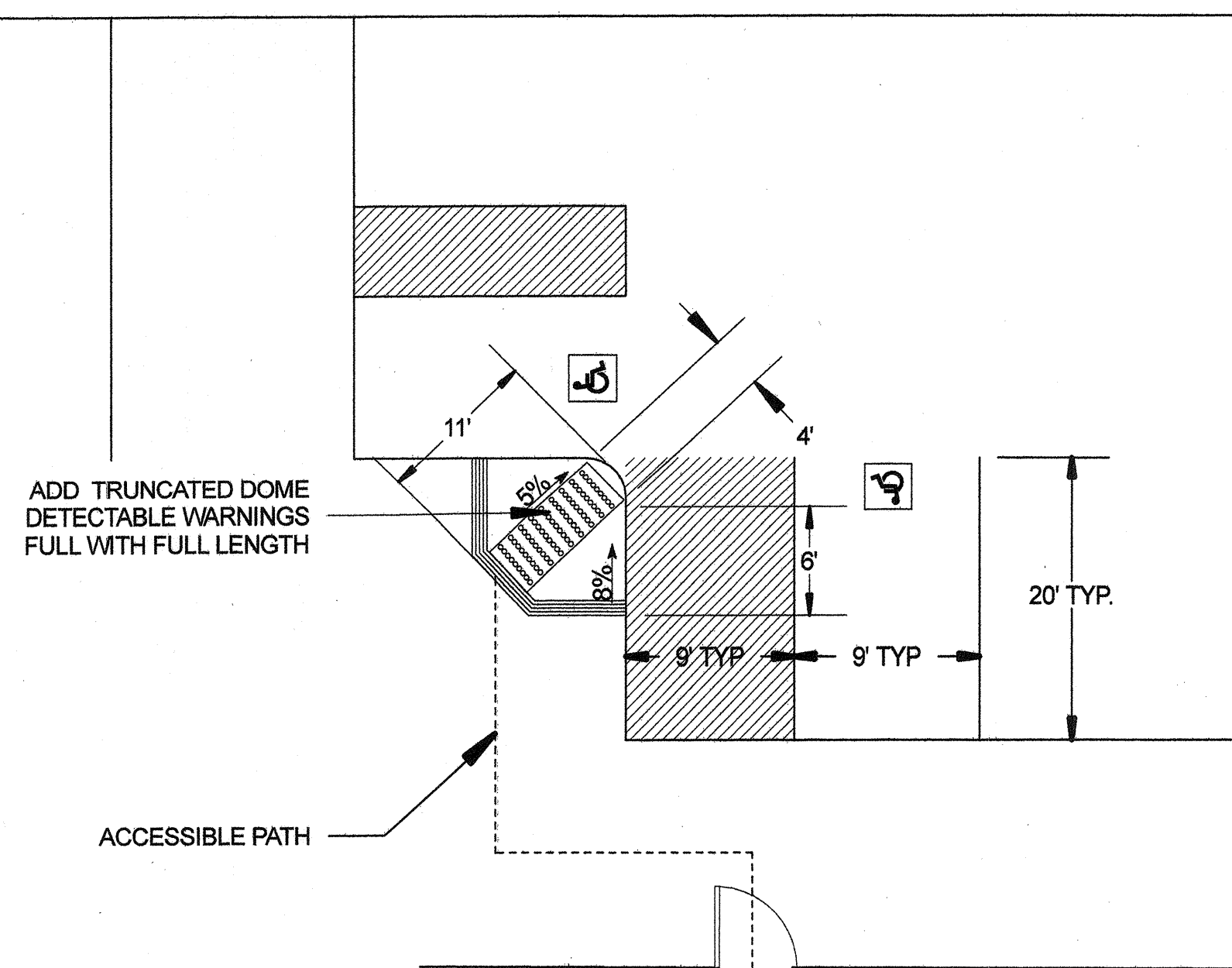
10173563



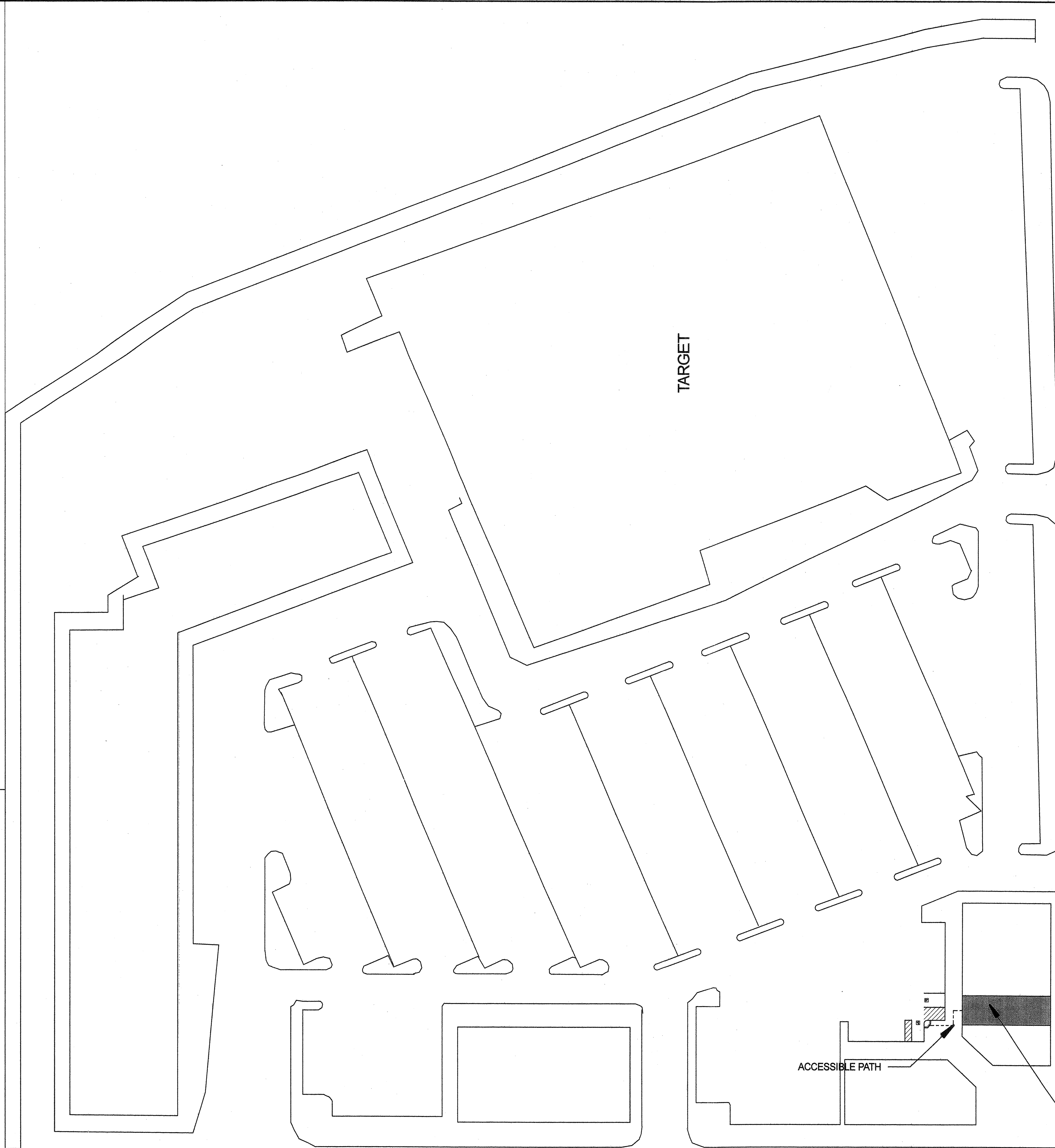
ROOF EQUIPMENT SECTION



ROOF PLAN



ENLARGED ACCESSABILITY DETAILS

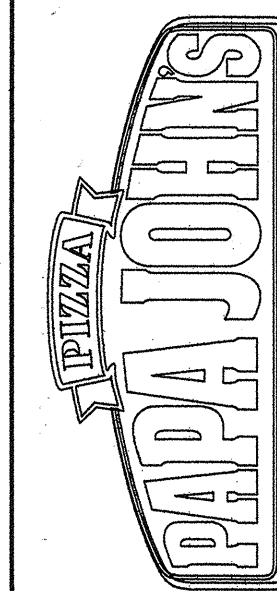


BRISTOL STREET

ALTON AVENUE

ACCESSIBLE PATH

SUBJECT UNIT
3316 BRISTOL STREET



PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

SITE & ACCESSIBILITY
PLAN

N.T.S.
JANUARY 20, 2012

A-1

ph
1-26-12

A. LETTER TYPE: LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32 INCH MINIMUM AND SHALL BE SANS-SERIF UPPER-CASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.

B. SYMBOL SIZE: RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8 INCH HIGH.

C. PICTORIAL SYMBOL SIGNS (PICTOGRAMS): PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.

D. PROPORTIONS: LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH- TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 1:5 AND 1:10.

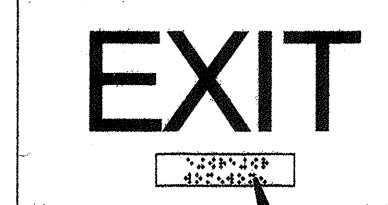
E. MOUNTING LOCATION AND HEIGHT: WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 1117B.5.2. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH/OUTSIDE THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF FLOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTER LINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

ROOM FINISH SCHEDULE														
FINISH	FLOOR			WALLS			CEILING				REMARKS			
	VINYL TILE	CERAMIC TILE	3/8" RADIUS COVE BASE	CONCRETE	5/8" GYPSUM BOARD	CERAMIC TILE	FRP PANELS	PAINT GLOSS	PAINT FLAT	PAINT GLOSS		SUSPEND GYPSUM PANEL WITH VINYL LAMINATE T BAR	HARD GYPSUM BOARD	PLYWOOD
KITCHEN/ SERVICE	•	•				•					•			HEIGHT OF FRP FROM COVE BASE TO CEILING IN KITCHEN/ SERVICE AREA
BATHROOM		•				•			•					HEIGHT OF FRP 48" MIN IN BATHROOM
TAKEOUT AREA	•	•							•		•			ALL FLOOR SURFACES TO HAVE CERAMIC COVE BASE THAT CONTINUES UP THE WALL 4" MIN. IN A SEAMLESS MANNER FORMING A 3/8" MIN. RADIUS COVE AS AN INTEGRAL UNIT

DOOR SCHEDULE AND NOTES

TYPE	DOOR SIZE	MATERIAL	FRAME	RATING	HARDWARE TYPE	
A	3'-0"x6'-8"	WOOD	WOOD	N/A	PASSAGE, LEVER TYPE	
B	3'-0"x6'-8"	METAL	METAL	N/A	PRIVACY, LEVER TYPE	NOTE 1,2,3
C	3'-0"x7'-0"	TEMPERED GLASS	ALUMINUM	N/A	PUSH TYPE	NOTE 1,2,3

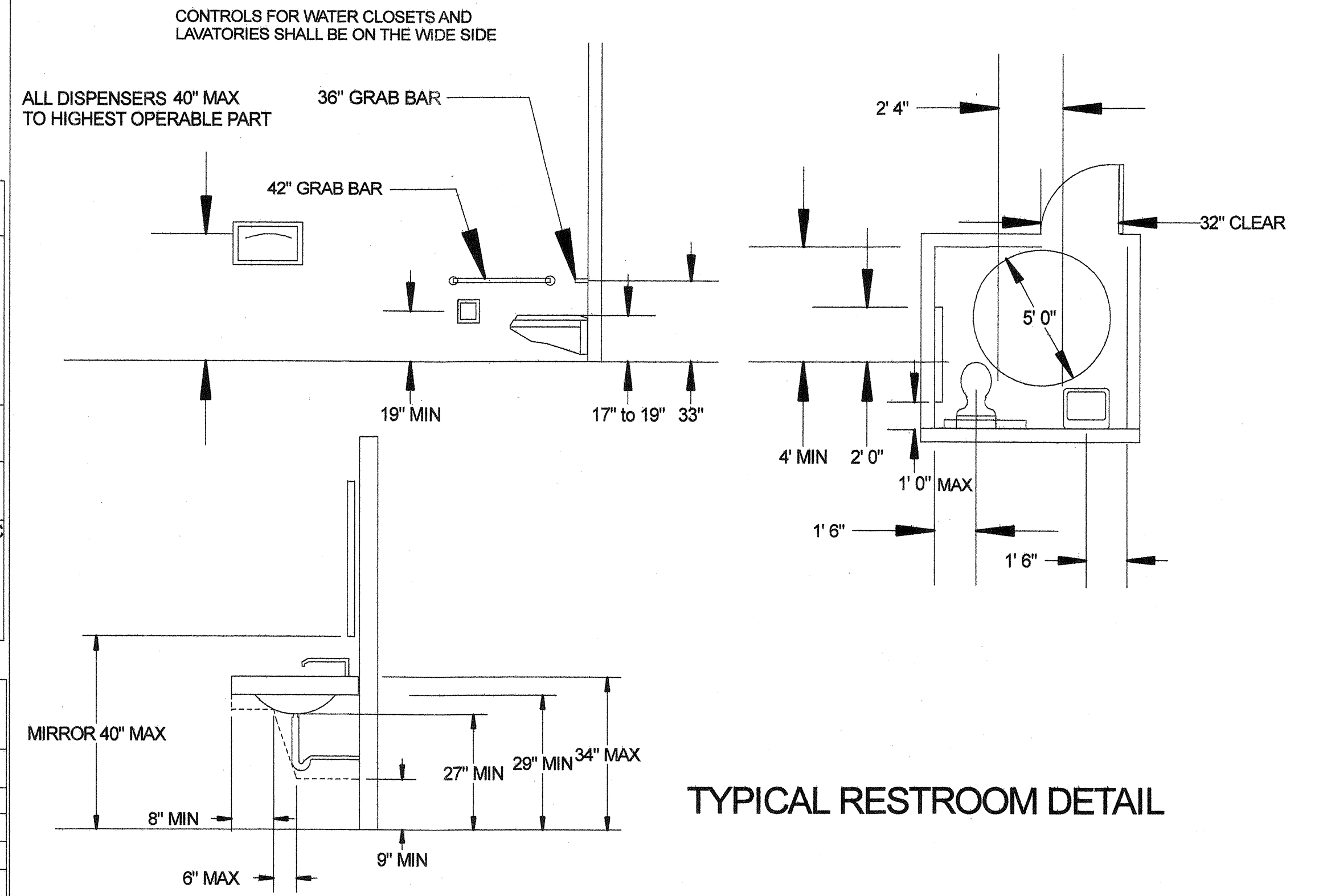
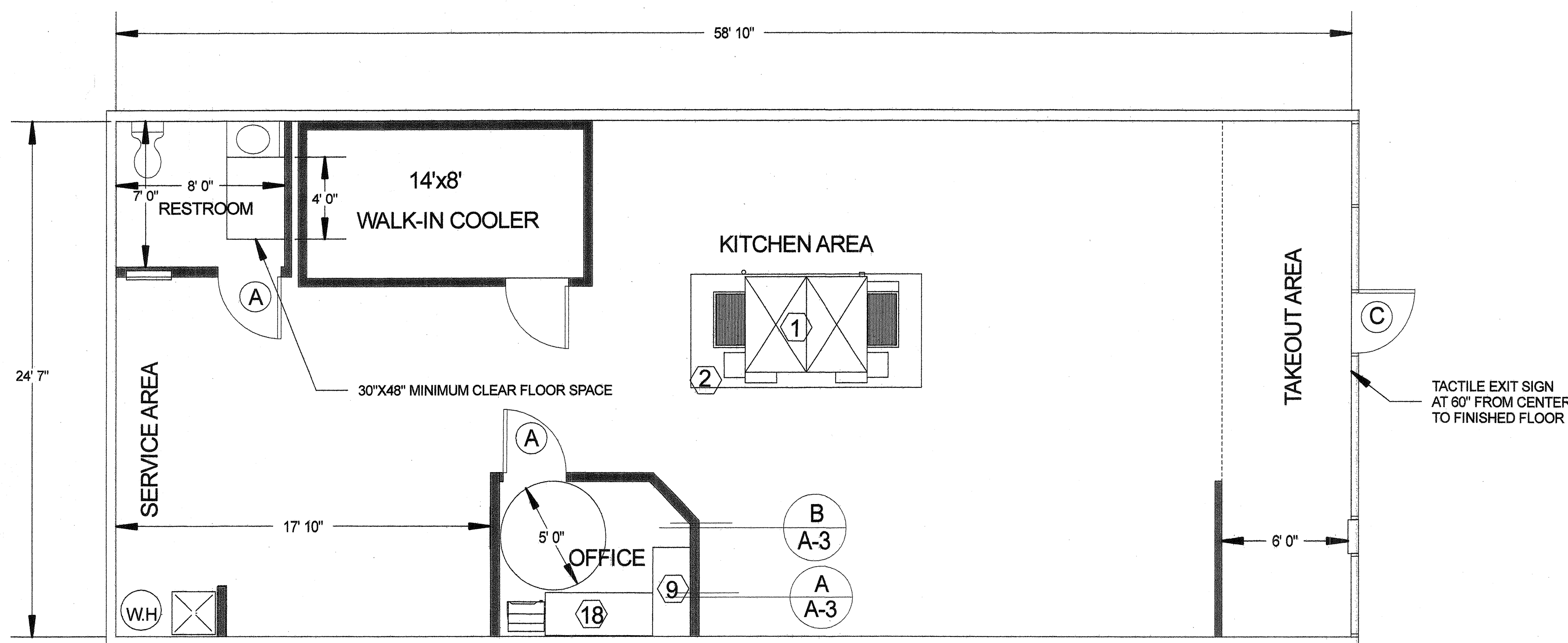
- NOTES:**
- BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE OR SHALL BE PROVIDED WITH 10-INCH SMOOTH METAL PANEL AT THE BOTTOM TO ALLOW THE DOOR TO BE OPENED BY A WHEEL CHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
 - LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE, PUSH TYPE, PANIC BAR HARDWARE OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
 - FOR LOCKING INDICATOR DEVICES, SPECIFY A NOTE OVER THE DOOR IN 1" HIGH LETTERS ON A CONTRASTING BACKGROUND STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS".
 - A TACTILE EXIT SIGN WITH THE WORD "EXIT" SHALL IDENTIFY EACH GRADE LEVEL EXTERIOR EXIT DOOR.



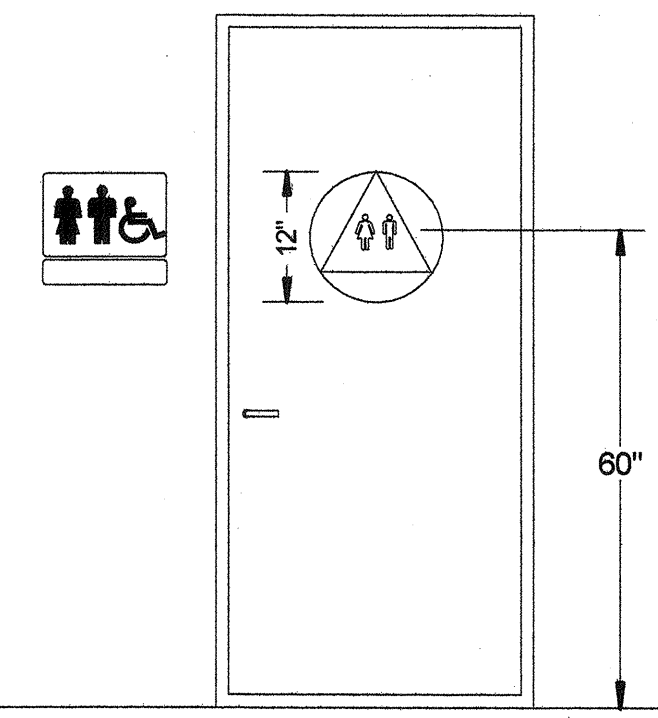
TACTILE "EXIT" SIGN

CORRESPONDING GRADE 2 BRAILLE TO BE LOCATED DIRECTLY UNDER OR ADJACENT TO SIGNAGE INFORMATION

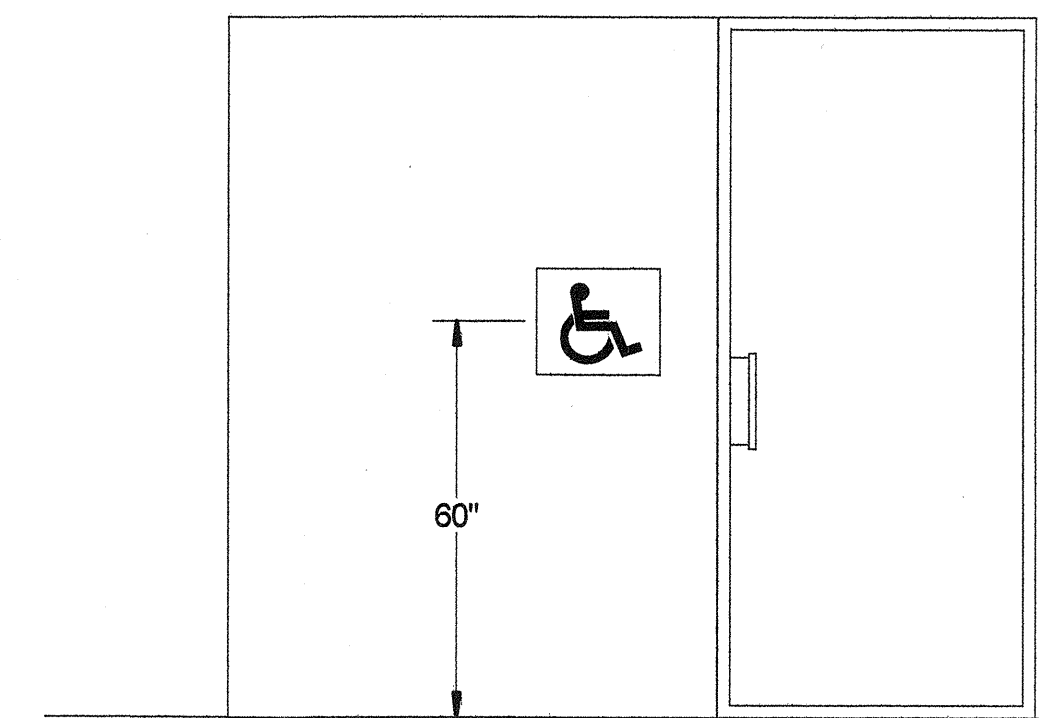
- EXISTING WALL
- NEW WALL NON-BEARING MAXIMUM HEIGHT 10'-6"



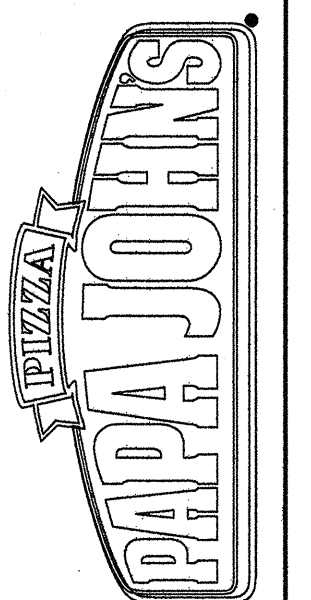
TYPICAL RESTROOM DETAIL



RESTROOM SIGNAGE



ENTRANCE SIGNAGE



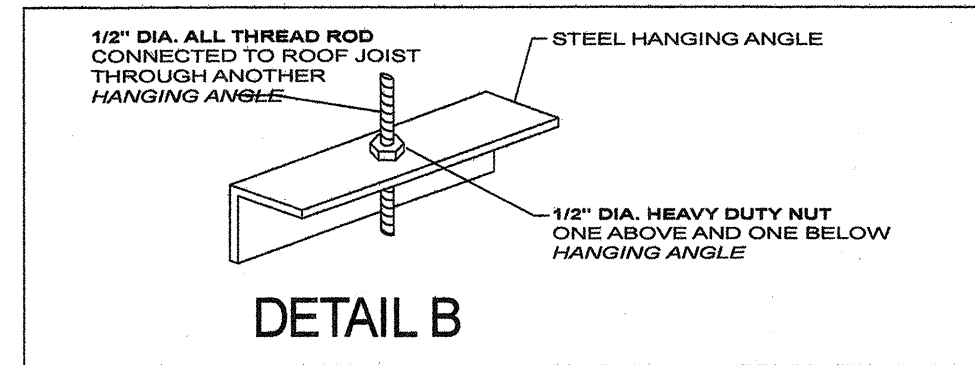
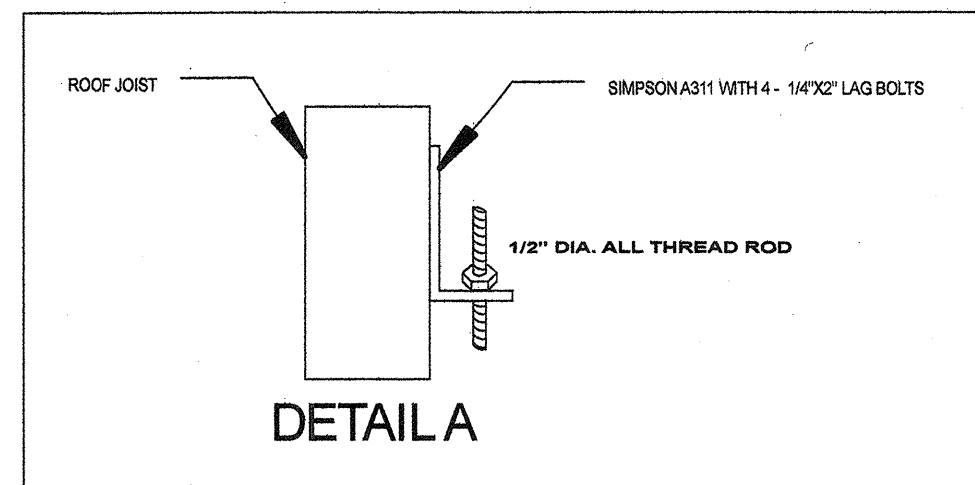
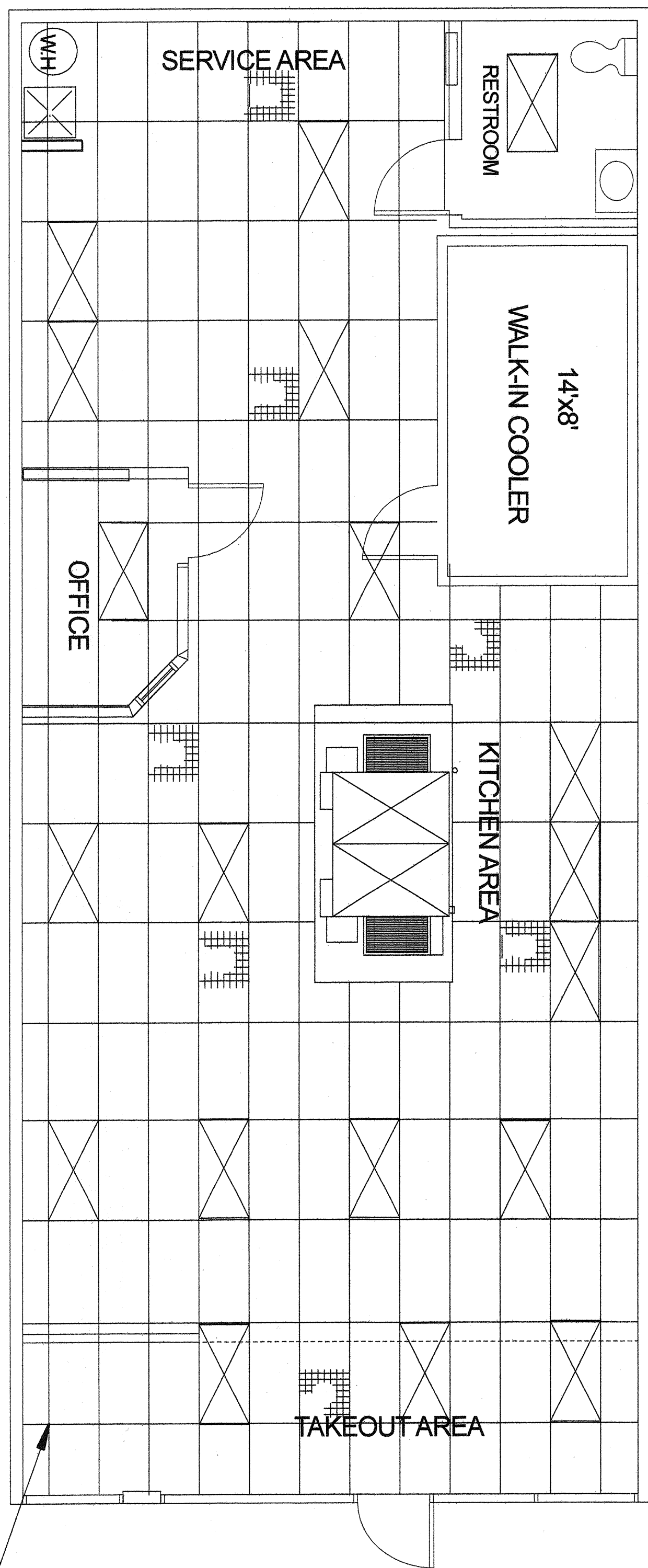
PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

FLOOR PLAN

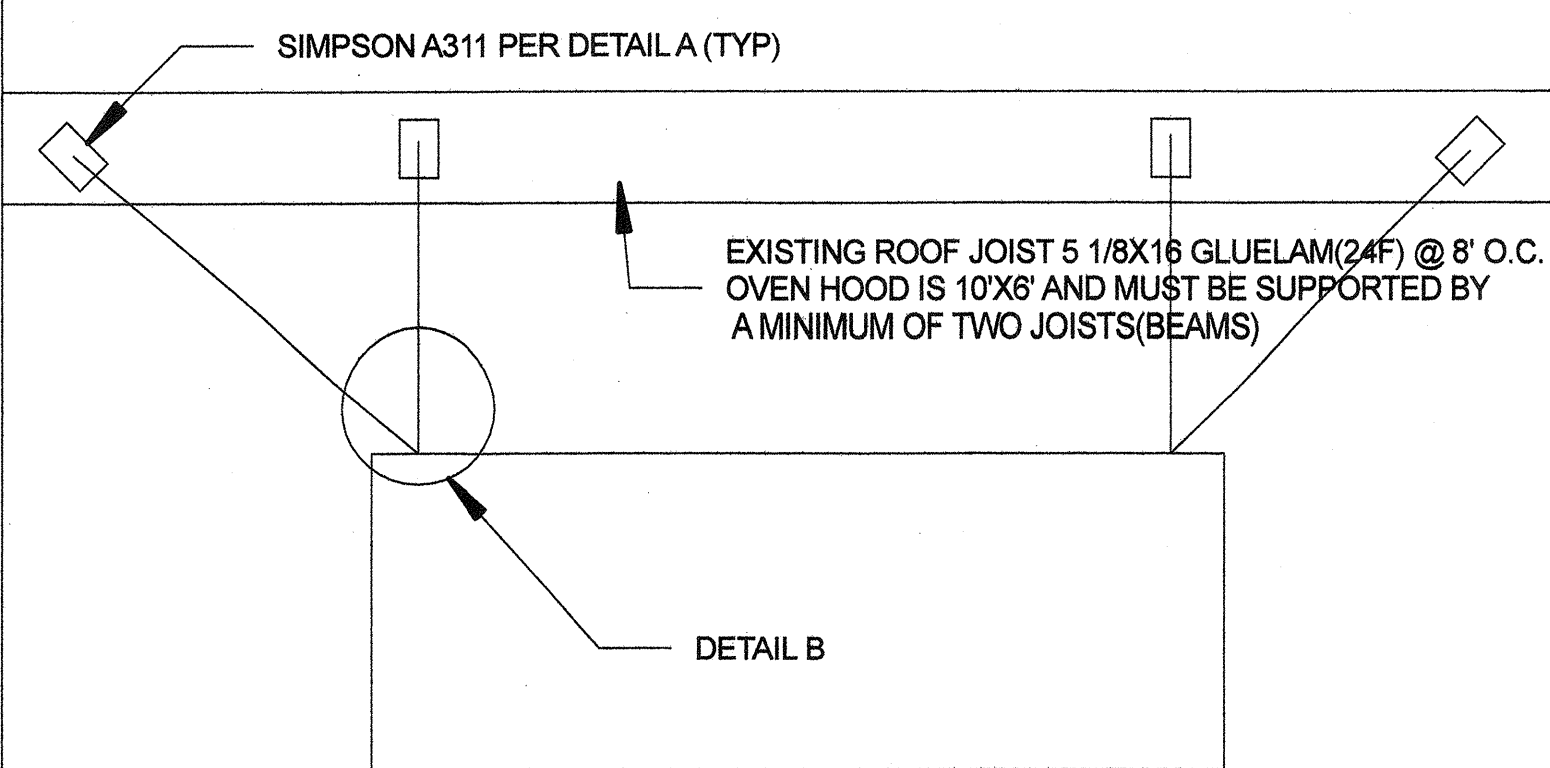
SCALE 1/4" = 1'
JANUARY 20, 2012

A-2

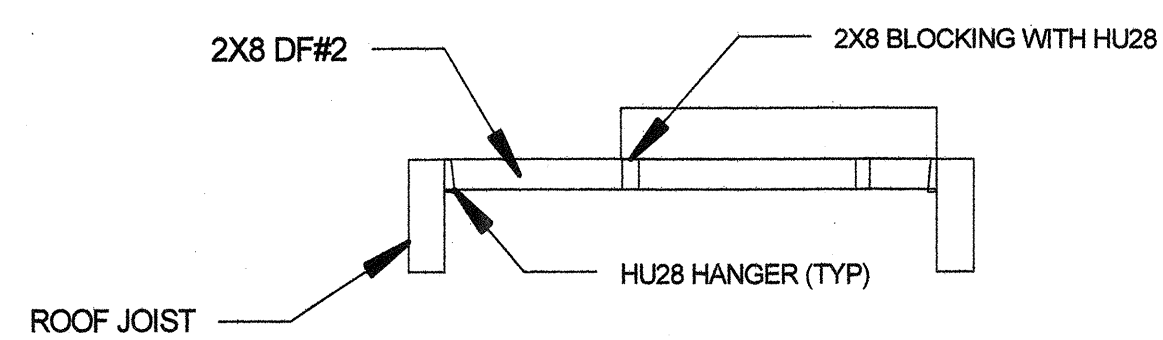
1-26-12



HANGING ANGLE DETAIL



OVEN HOOD (449 LBS)

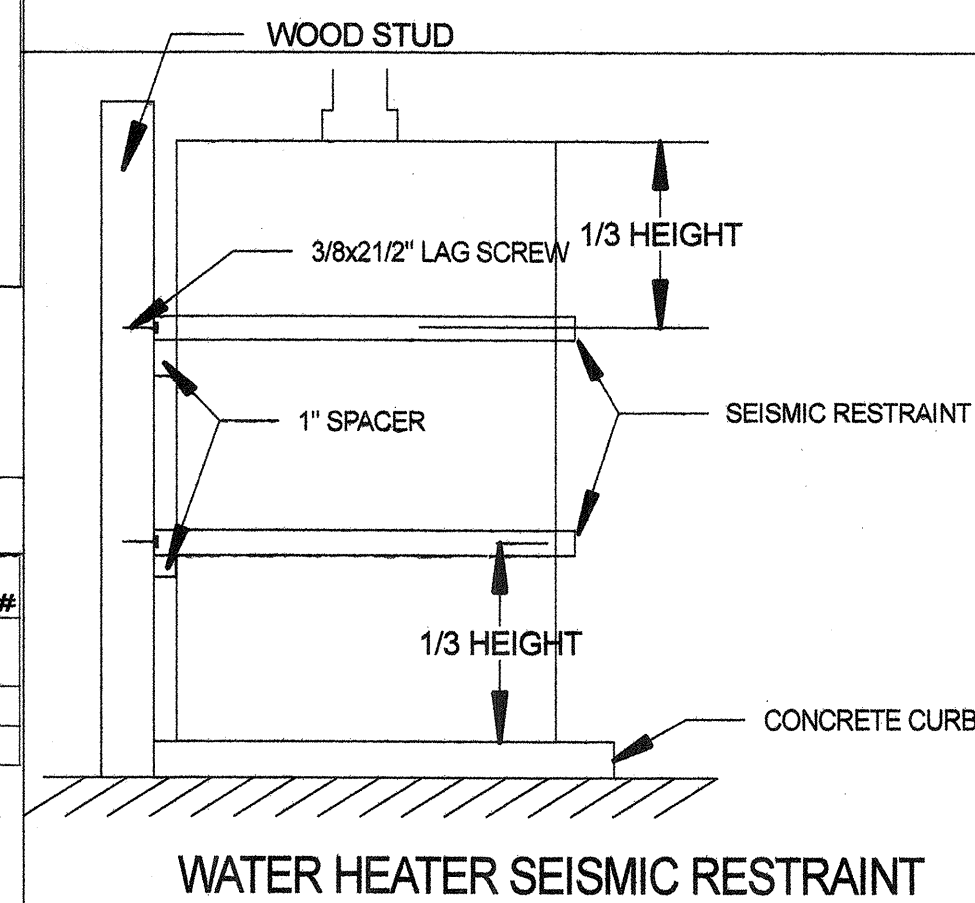
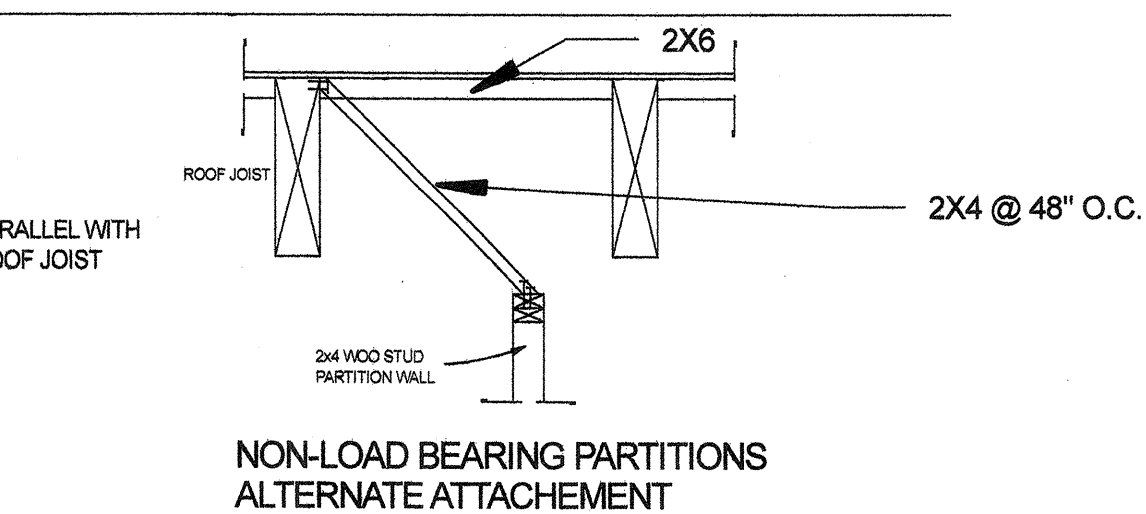
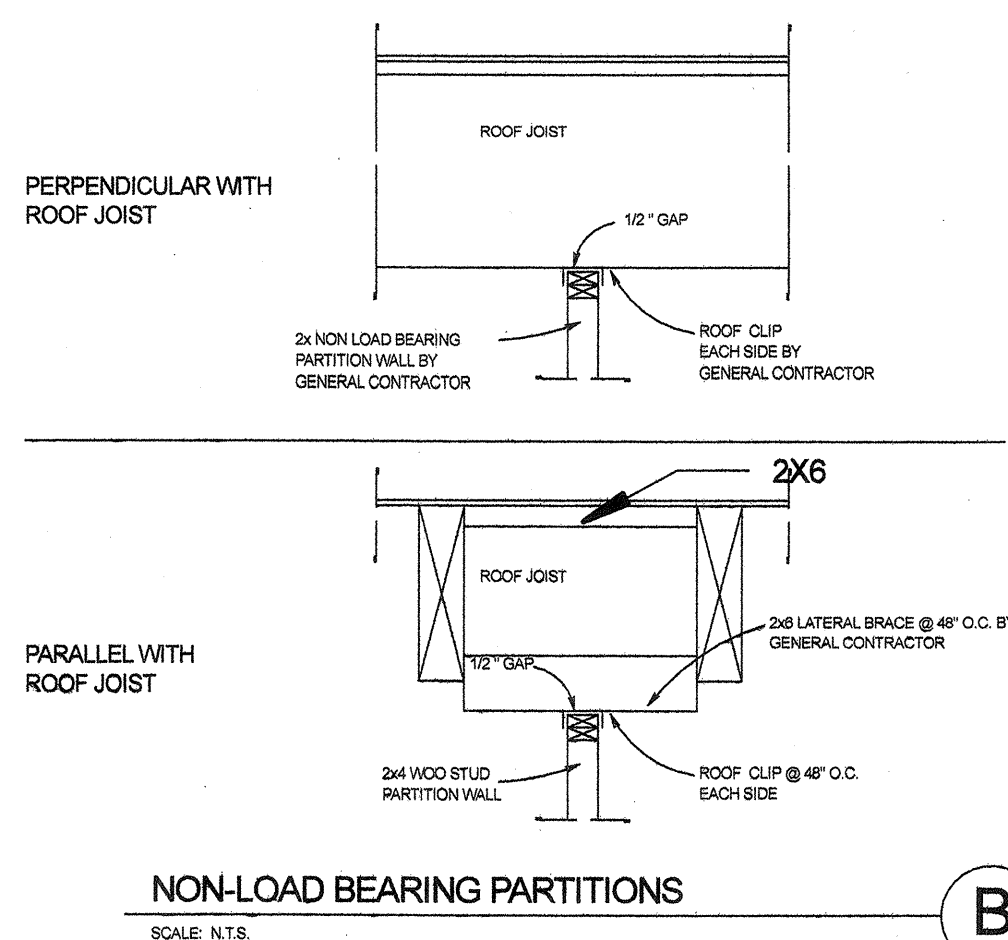
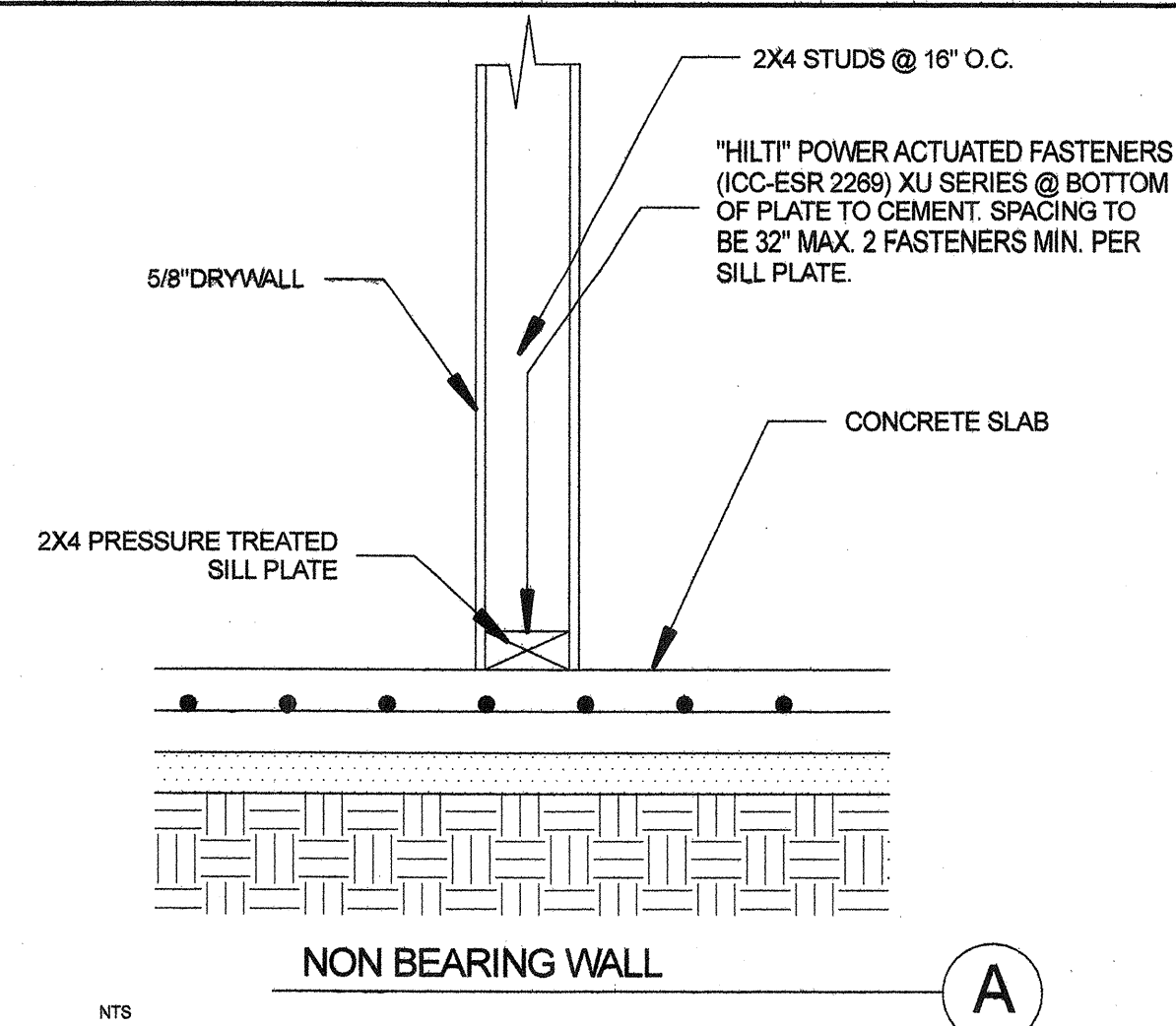


MECHANICAL PLATFORM

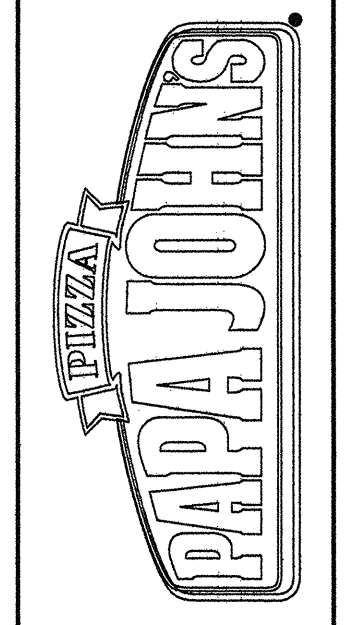
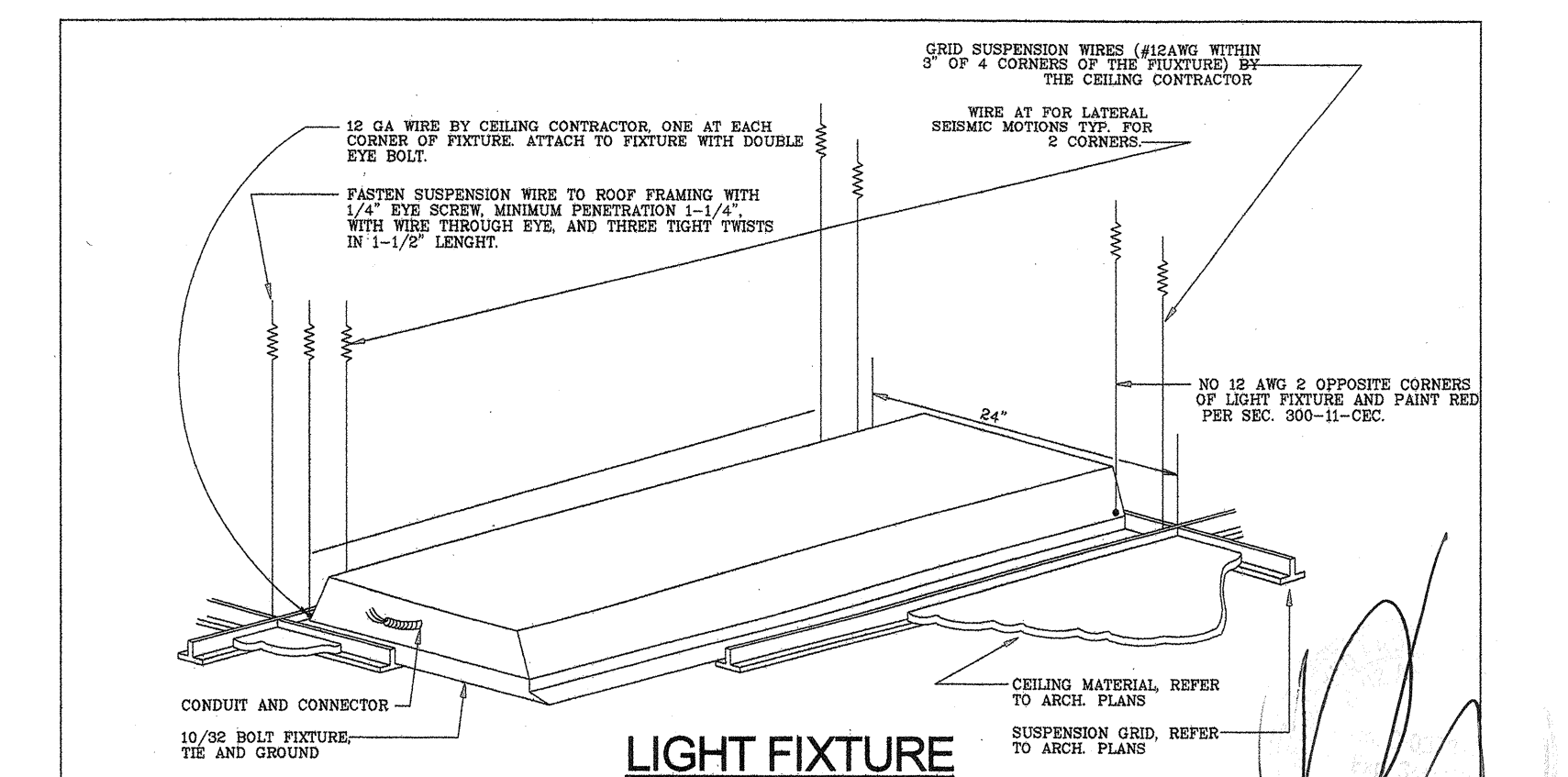
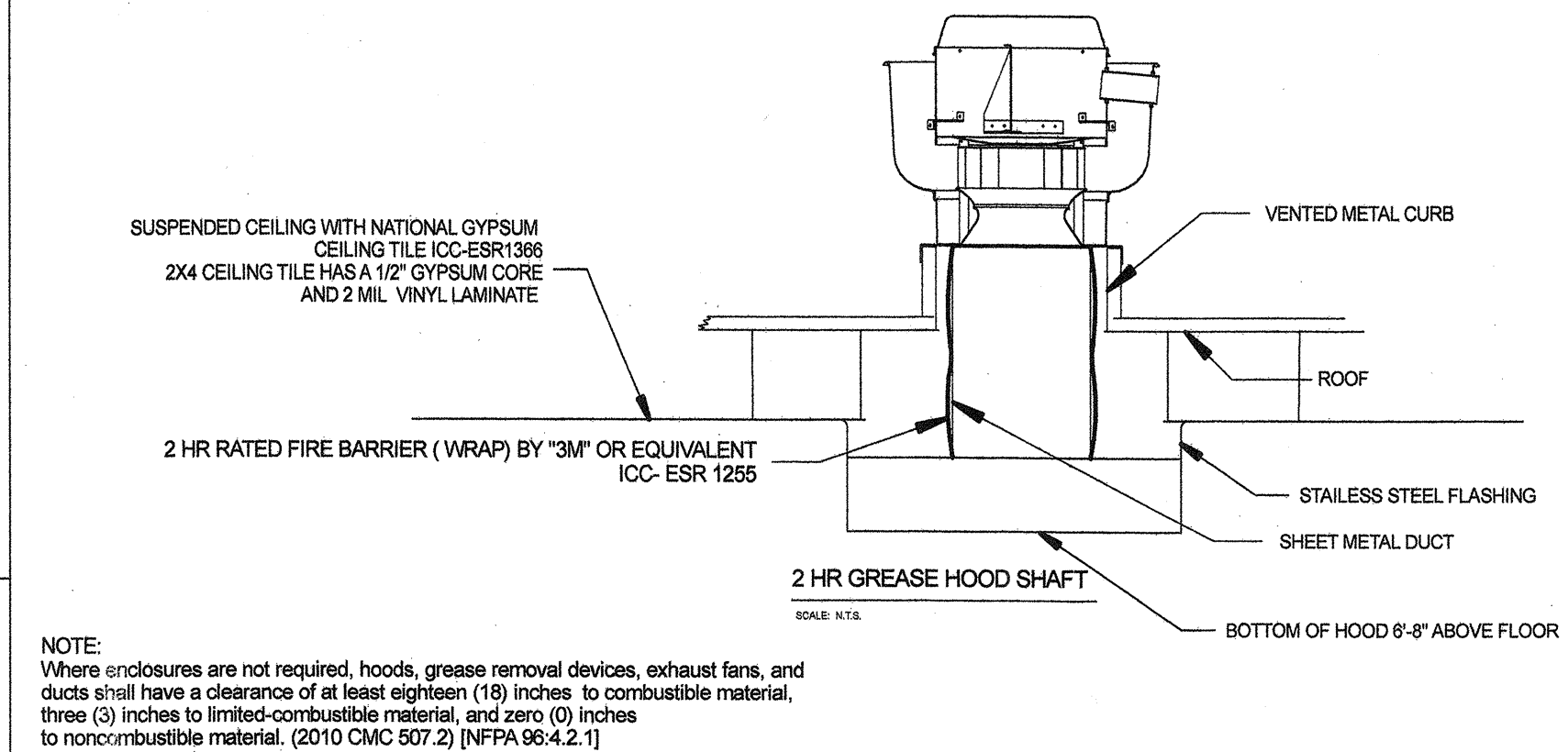
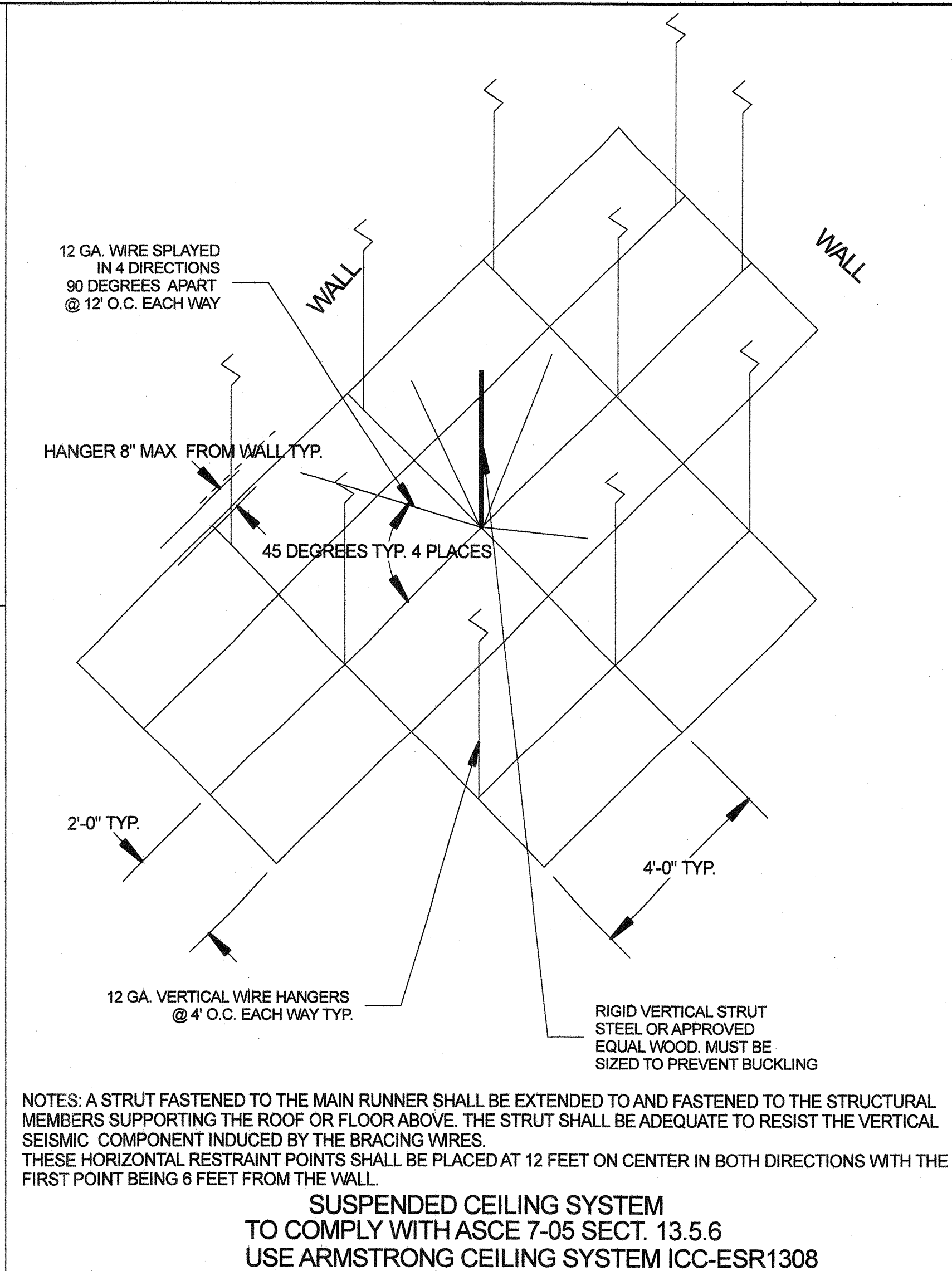
SPECIAL INSPECTION PROGRAM AND DESIGNATION OF SPECIAL INSPECTORS	
Form No. 00-01	SPECIAL INSPECTIONS (Only checked items are required)
INSPECTION ITEMS	SPECIAL INSPECTOR(S) NAME, PHONE NUMBER, REGISTRATION #
SUSPENDED CEILING SYSTEM	PA ASSOCIATES 949-679-7474

DECLARATION BY OWNER OR ARCHITECT/ENGINEER OF RECORD: I, the Owner Engineer or Architect of record, declare that the above listed Special Inspector(s) is/are hired by me.

Print Name _____ Signature _____ Date _____



NOTE: Seismic Bracing System shall be installed to provide protection from displacement due to earthquake motion. Water heater shall be anchored or secured with a code approved restraint system consisting of strapping the upper and lower 1/3's of the water heater, minimum 4 inches above gas control valve. (2010 CPC Section 508.2)



PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

REFLECTED CEILING AND FRAMING DETAILS

SCALE 1/4"=1'
JANUARY 20, 2012

A-3

1-26-12

FINISH SPECIFICATIONS:

CERAMIC TILE:
 FTPJ8603 - 12"x12" FIELD TILE
 FTPJ8603 - 6"x8" COVE BASE (BASE TO MATCH TILE) WITH 3/8" MINIMUM RADIUS

FTPJ8603 - 6"x8" LEFT CORNER
 FTPJ8603 - 6"x8" RIGHT CORNER
 STURDIFLEX THINSET 50#
 LIGHT BUFF #945 - GROUT

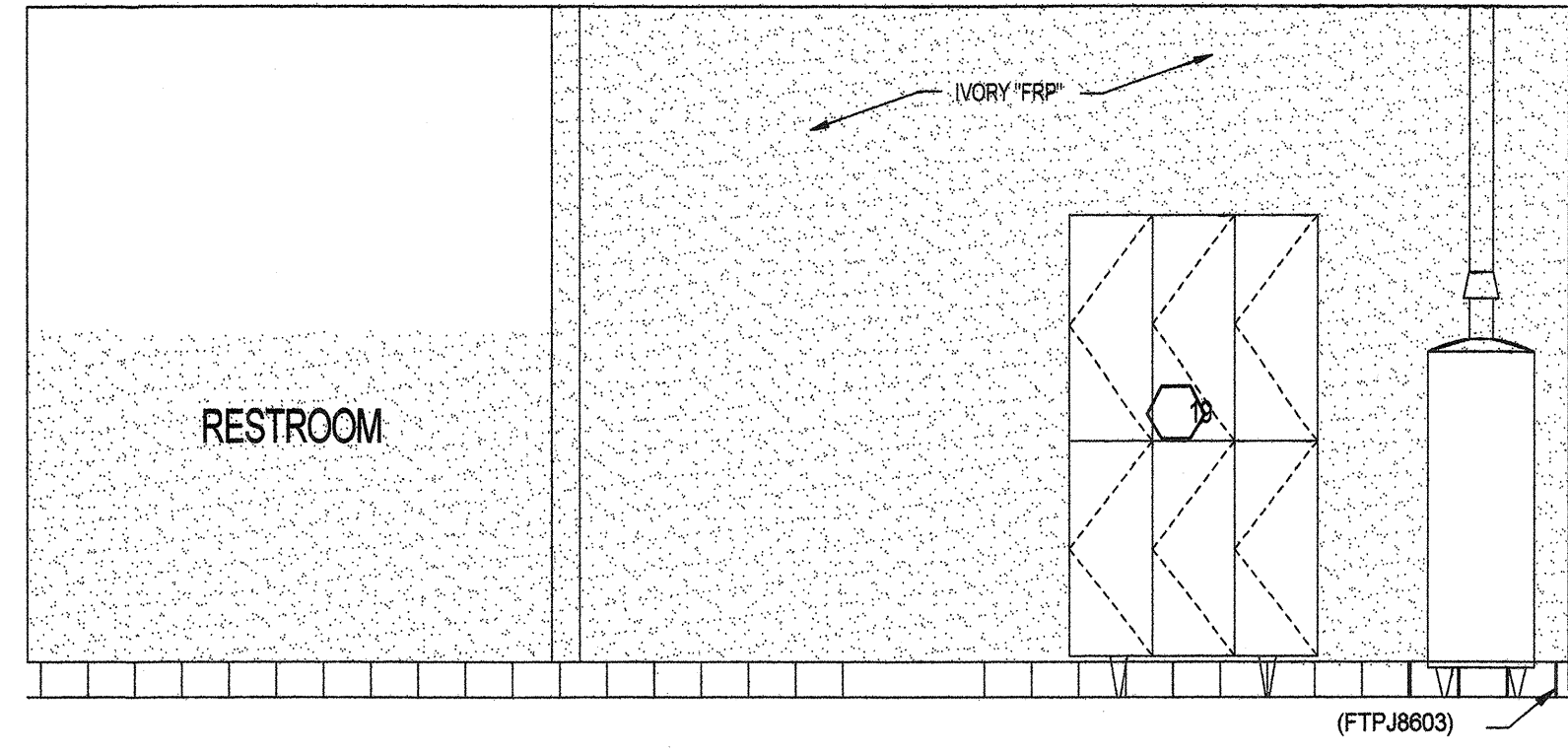
FRP:
 MARLITE P-140 IVORY
 KEMLITE IVORY

WALLPAPER:
 COLOUR AND DESIGN INC.
 ISADORA TEXTURE - BUTTER CDZ-ISA-10
 CONTACT - ERIC LUNDQUIST 216-631-6700

TRIM & DOOR PAINT:
 SHERWIN WILLIAMS
 INDUSTRIAL ENAMEL - 6119 ANTIQUE WHITE
 CONTACT: TIM MATHOP 502-905-3585

CEILING TILE:
 NATIONAL GYPSUM (VINYL CLAD GYP. BD. CEILING TILES)
 GRIDSTONE 24"x48"x1"

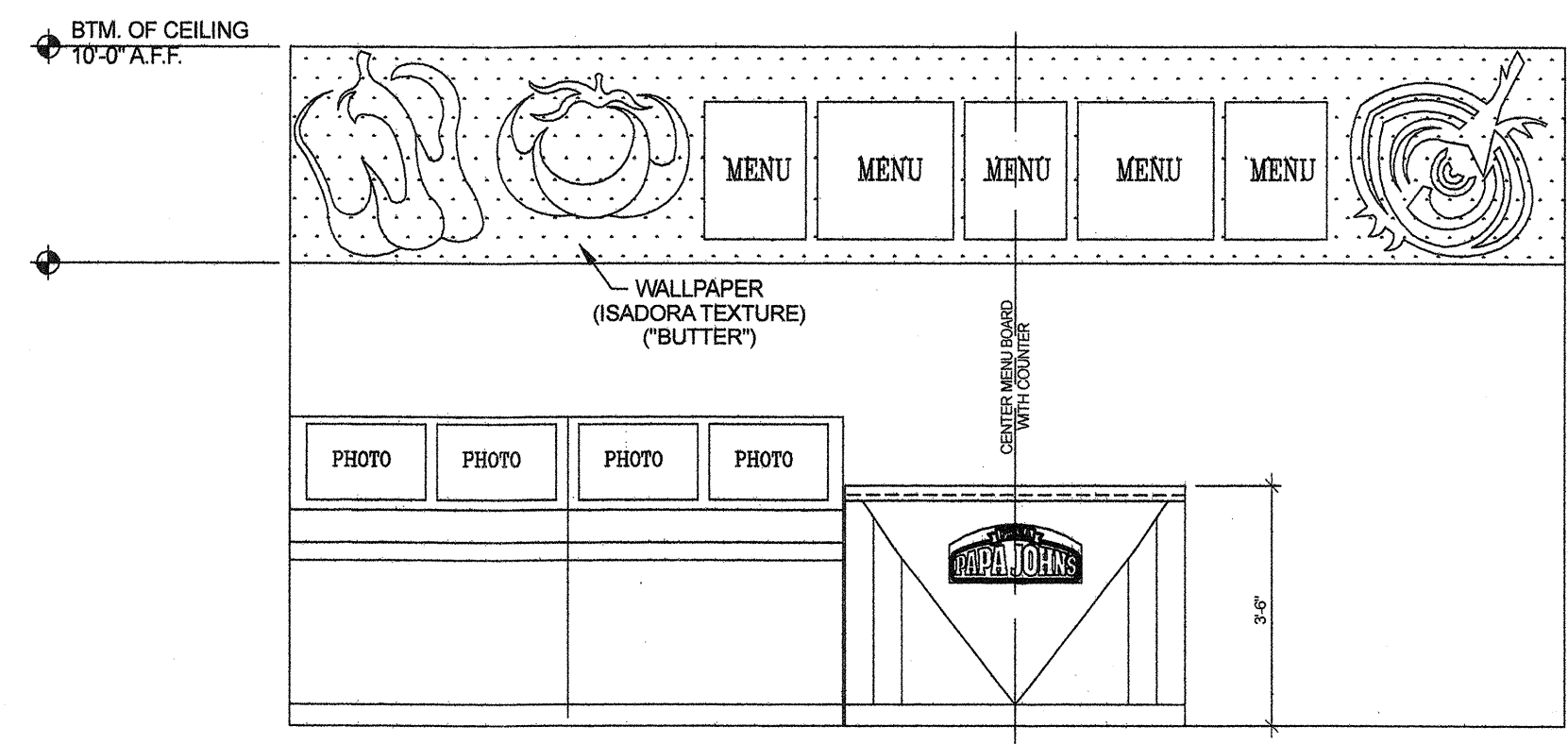
LAMINATES:
 RED - 839-58 STOP RED
 GREEN - 967-58 HUNTER GREEN
 WOOD GRAIN - 7703-58 FIRE GLAZED
 YELLOW - 91922-58 YELLOW METALCRAFT
 SOLID SURFACE - FORMICA SURELL BLACK LAVA
 CONTACT: TOM NEMMERS - QUALSERV 800-477-1414



BACKWALL ELEVATION

SCALE: 3/8" = 1'-0"

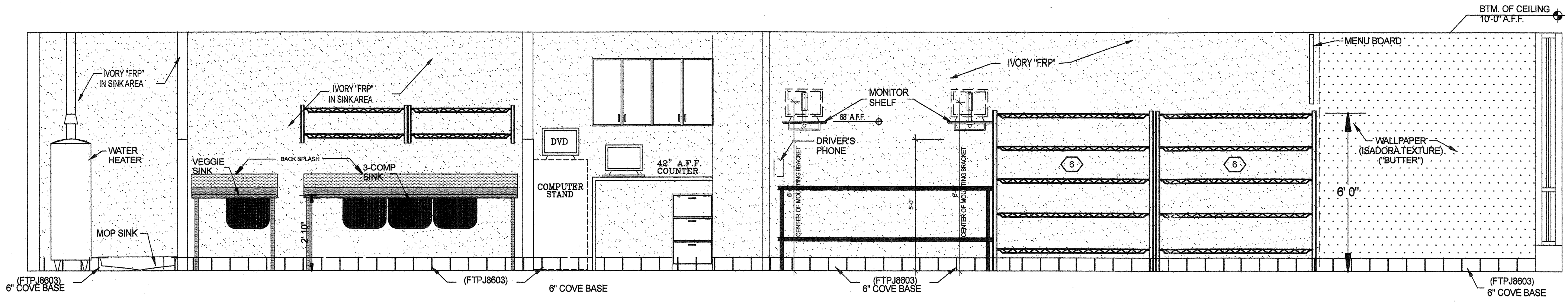
4
A-4



BULKHEAD ELEVATION

SCALE: 3/8" = 1'-0"

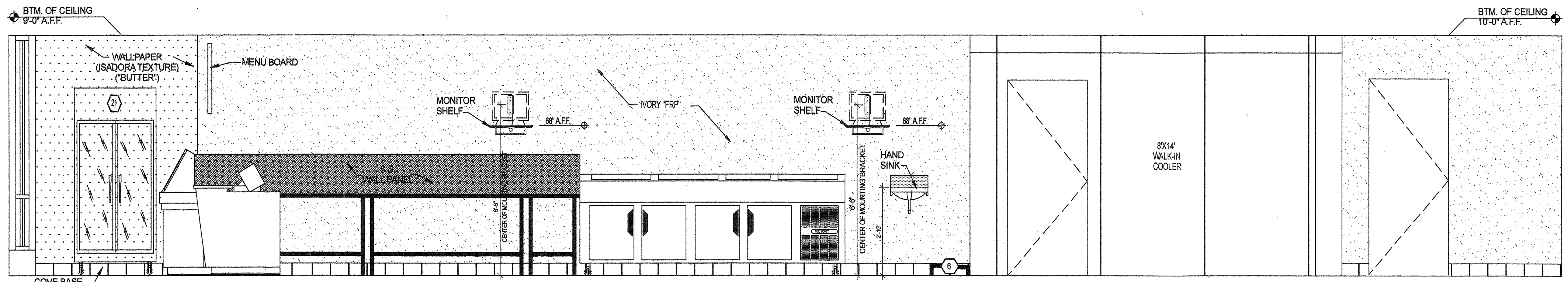
3
A-4



INTERIOR ELEVATION

SCALE: 3/8" = 1'-0"

2
A-4



INTERIOR ELEVATION

SCALE: 3/8" = 1'-0"

1
A-4



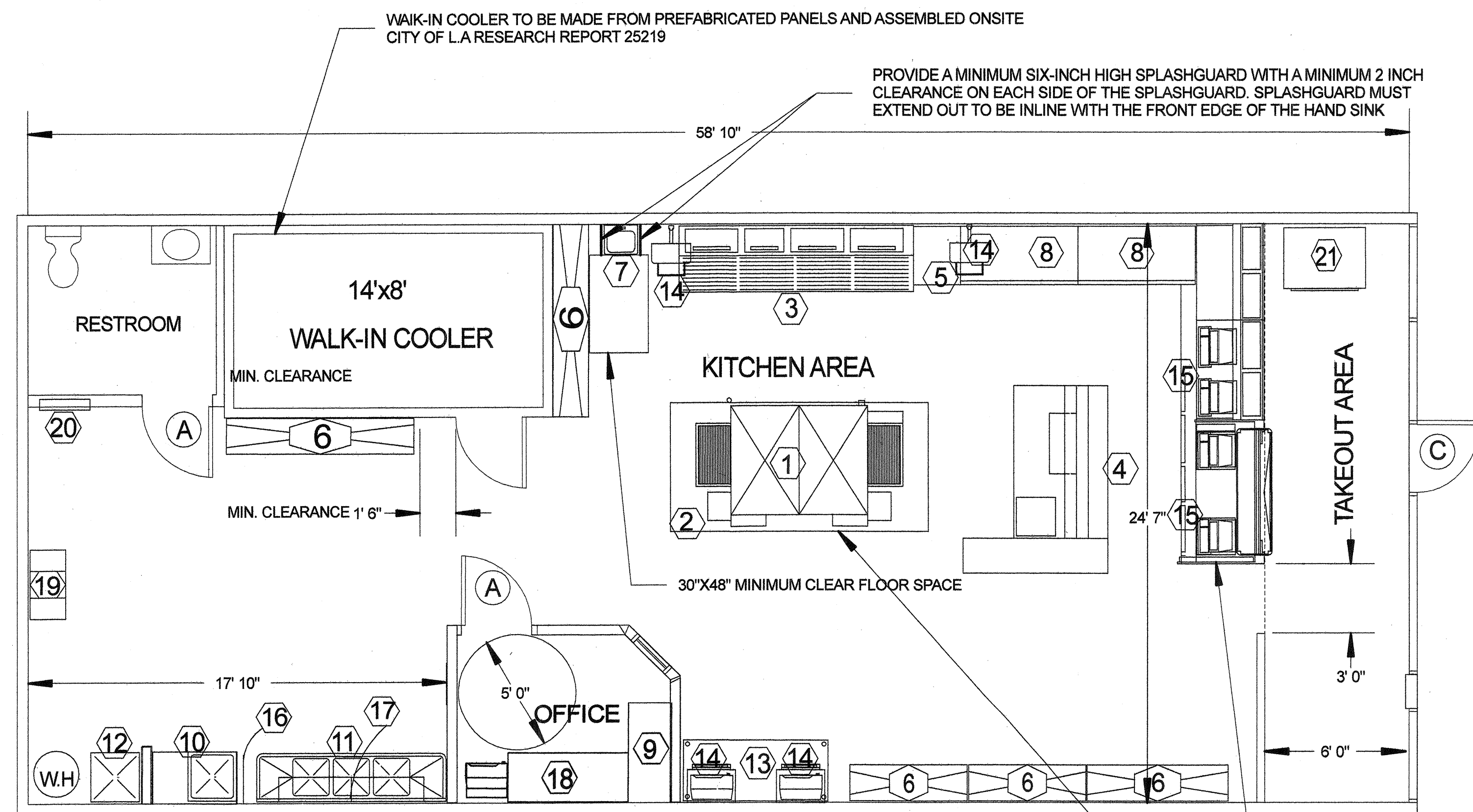
PAPA JOHN'S
 3316 BRISTOL STREET
 SANTA ANA, CA 92704

INTERIOR ELEVATIONS

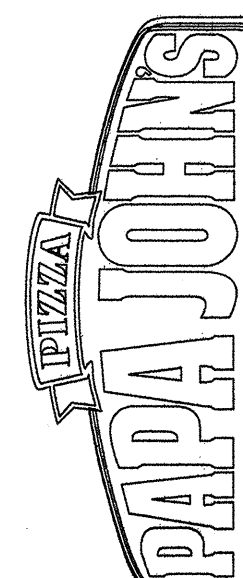
SCALE 3/8"= 1'
 DECEMBER 12, 2011

A-4

1-26-12



EQUIPMENT SCHEDULE	
1	PIZZA OVEN BY MIDDLEBY MARSHALL MODEL PS570
2	OVEN HOOD BY CAPTIVEAIRE MODEL 7524 NDI
3	MAKELINE BY VICTORY
4	STAINLESS STEEL CUTTING TABLE
5	STAINLESS STEEL SAUCE TABLE
6	18" DEEP SHEVING UNITS (32 L.F. MINIMUM, 6 FT. HIGH)
7	HAND SINK
8	96/30 STAINLESS STEEL TABLE
9	PLASTIC LAMINATE DESK
10	VEGGIE SINK
11	THREE COMPARTMENT SINK
12	MOP SINK
13	96/30 STAINLESS STEEL TABLE
14	COMPUTER MONITOR SHELF
15	POINT OF SALE REGISTER
16	SPLASH GUARD MINIMUM SIX INCHES HIGH
17	18/48 WIRE SHELVES WITH BRACKETS
18	OFFICE CABINET
19	EMPLOYEE LOCKERS 12/18/36 (6 UNITS)
20	ELECTRICAL PANEL
21	CAN BEVERAGE COOLER



PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

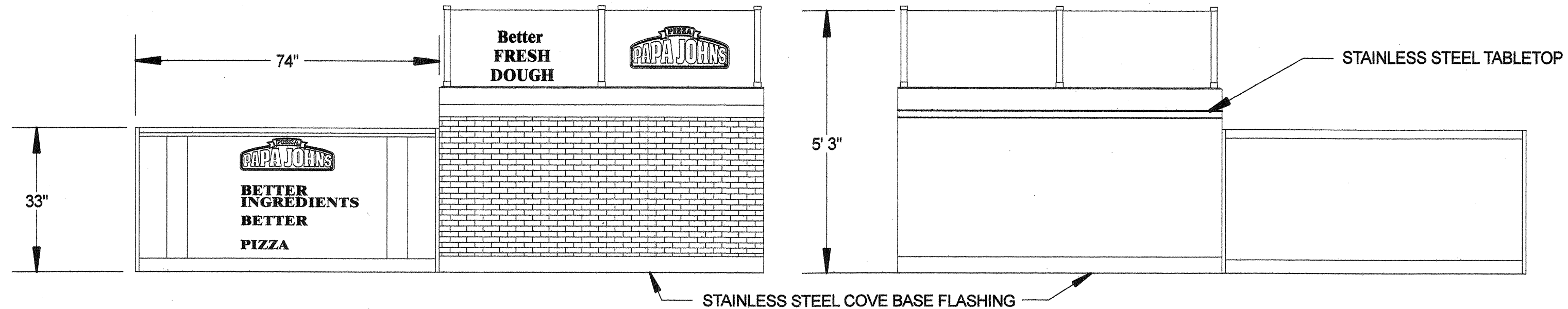
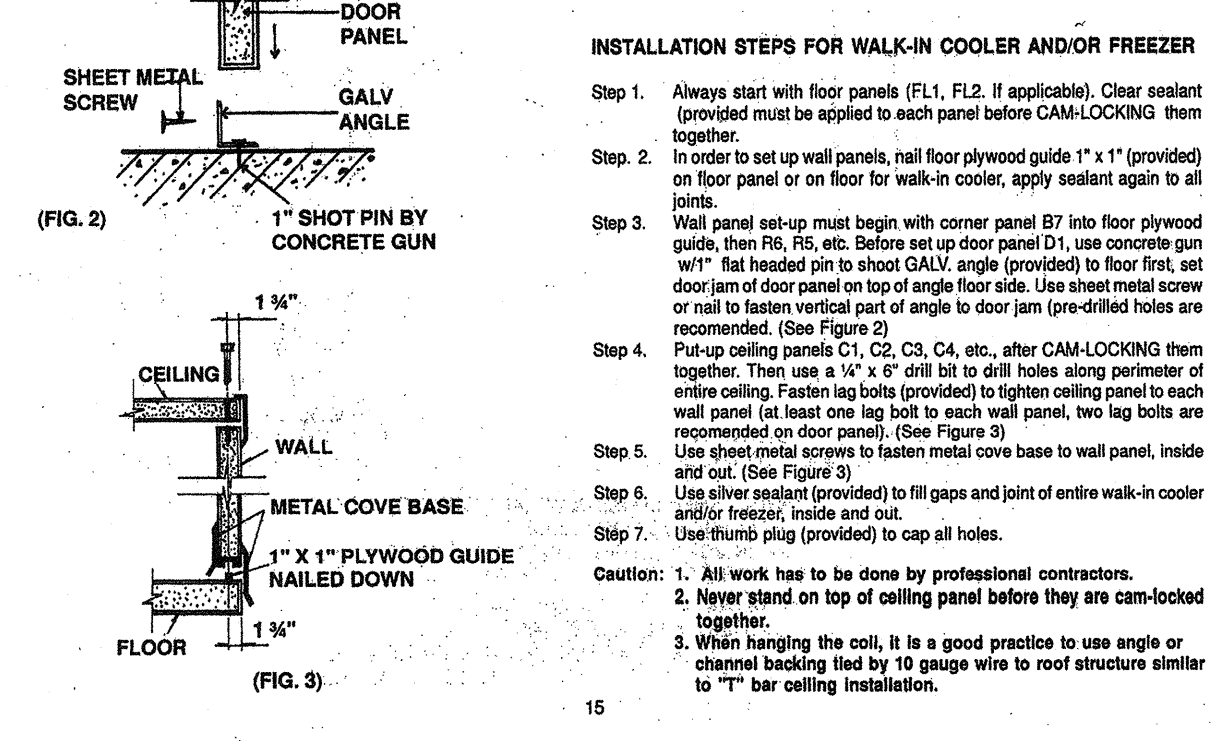
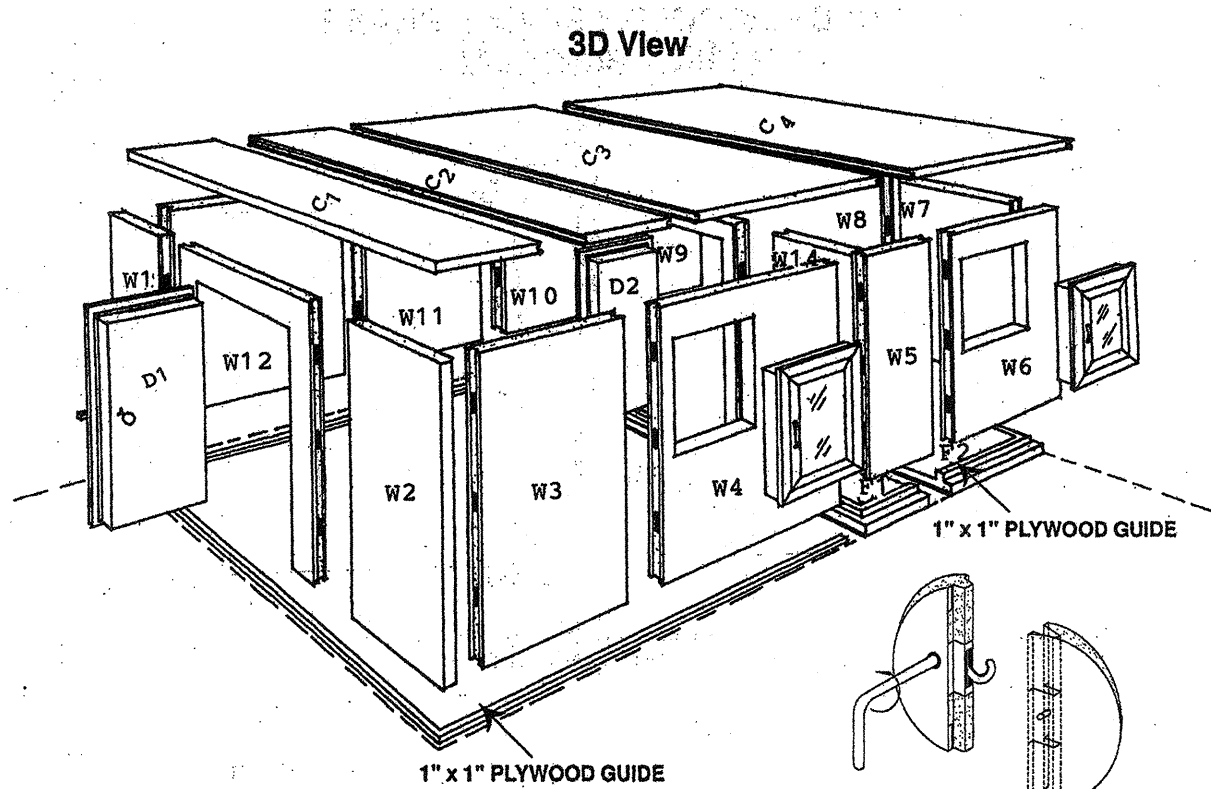
EQUIPMENT PLAN

SCALE 1/4"=1'
JANUARY 20, 2011

A-5

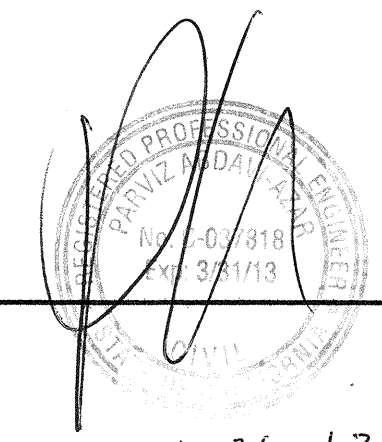
ACCESSIBLE COUNTER (CHECK STAND) SHALL BE AT LEAST 36" LONG AND NO MORE THAN 28" TO 34" FROM THE FLOOR (SECTION 1122B.4). ACCESSIBLE CHECK STAND SHALL HAVE A CLEAR CHECKOUT AISLE WIDTH OF 36" WITH A MAXIMUM ADJOINING COUNTER HEIGHT NOT EXCEEDING 38" A.F.F. STAND SHALL ALWAYS BE OPEN TO CUSTOMERS WITH DISABILITIES AND SHALL BE IDENTIFIED BY A SIGN CLEARLY VISIBLE TO THOSE IN WHEELCHAIRS. THE SIGN SHALL DISPLAY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN WHITE ON BLUE BACKGROUND AND SHALL STATE "THIS STAND TO BE OPEN AT ALL TIMES FOR CUSTOMERS WITH DISABILITIES".

TYPE I HOOD VERTICAL OVERHEAD CLEARANCE 6' 8"
SEE SHEET A-3 FOR RATED SHAFT DETAIL.



CROSS-SECTIONAL ELEVATION OF FRONT COUNTER (FRONT)
SCALE: 1/2"=1'

CROSS-SECTIONAL ELEVATION OF FRONT COUNTER (BACK)
SCALE: 1/2"=1'



1-26-12



January 27, 2012

<u>SUBMITTER:</u> IRFAN BOUKAI COASTLINE DESIGN & CONSTRUCTION INC 32 EDELMAN IRVINE, CA 92618	<u>JOBSITE:</u> PAPA JOHNS PIZZA 3316 BRISTOL ST	<u>OWNER:</u> ORFAN BOUKAI 48 MAXWELL IRVINE, CA 92618
<u>SR RECORD ID:</u> SR0118468 P05 - AUTHORITY TO CONSTRUCT/PLAN APPROVED 1712 NEW CON - REST UNDER 2000 SQ FT	<u>SCOPE OF WORK:</u>	<u>CURRENT/FORMER NAME:</u>

PC01: PLAN APPROVAL

Your plans have been reviewed and are now approved, subject to the following conditions:

1. This approval does not constitute authority to violate any provision of the related codes, ordinances, or regulations, nor does it prevent further correction of errors found on the plan or with installation upon field inspection. All construction must conform to these approved plans. Alterations or changes to these plans must have review and written approval by the Plan Check Section of Environmental Health prior to construction.
2. All construction work must conform to local building codes and have the necessary approvals from the local building and fire authorities. Please refer to the local building department for plan approval and permits prior to construction.
3. This plan approval is valid for a period of one year from the date of approval.
4. Newly constructed food facilities or new portions of existing food facilities shall not be placed into use without prior written approval by a member of this agency.

PC03: INSPECTION SCHEDULING

When work on the project has progressed to the point of requiring inspection, it is the responsibility of the health permit applicant to call for preliminary (floor, wall and ceiling finishes completed and all equipment in place) and final inspections in order to receive Health Permit approval from this Agency. Contact the Plan Checker assigned to review your plans at least five (5) working days in advance for an inspection appointment. A Health Permit must be approved prior to placing the facility into operation.

1. When floor, wall and ceiling finishes are completed, with plumbing, ventilation, and equipment in place, you must call the Plan Checker assigned to review your plans for a preliminary inspection. Requests should be made at least five working days in advance.
2. Upon completion of 100% of the construction, including all finishing work, you must call the Plan Checker assigned to review your plans to arrange for a final inspection. You will not be issued a Health Permit until you pass a final inspection. In no case should a final inspection be requested less than two working days prior to the proposed opening of the establishment.

PC08: AISLE CLEARANCE

Provide minimum 30-inch aisles in traffic areas.

PC09: FINISHES

Finishes in all areas, other than the customer waiting or dining areas, must be smooth, nonabsorbent, easily cleanable, and durable.

Existing finishes are subject to evaluation by this Agency. This determination will be made at the time of the preliminary field inspection. Finishes found not to be in compliance with current code requirements will not be accepted.

PC10: FLOORING

Floor surfaces in all areas in which food is prepared, packaged, or stored, where any utensil is washed, where refuse or garbage is stored, where janitorial facilities are located, in all toilet and handwashing areas and in employee change and storage areas shall be of an approved type that continues up the wall four (4) inches, in a seamless manner, forming a 3/8 inch minimum radius cove as an integral unit. Some slim foot ceramic, quarry and metal topset cove bases are generally acceptable.

Flooring under equipment and at the base coves shall be completely smooth. Floor surfaces which contain slip resistant agents shall be restricted to traffic areas only.

PC13: WALLS

Wall surfaces in the food preparation and related areas must be drywall, coated with semi-gloss enamel; or the equivalent. Greenboard with semi-gloss enamel is strongly recommended behind sinks.

PC14: CEILING

The ceiling surfaces in food preparation and related areas must be smooth, nonabsorbent, durable, and washable.

PC16: EQUIPMENT SPECIFICATIONS

NSF International standards are used as a guide in the evaluation of food service related equipment and its installation.

All new and used food service equipment is subject to final approval by this Agency, as determined at the time of the field inspections.

PC17: EQUIPMENT INSTALLATION

All equipment, including shelving, must be supported by six (6) inch high, easily cleanable legs, commercial castors, or completely sealed in position on a four (4) inch high continuously coved base or concrete curb to facilitate ease of cleaning.

1. All curb mounted equipment and cabinetry must be sealed to the curb in an approved manner. Silicone sealant is approved for use on joints or gaps less than 1/8 inch wide. If joints or gaps are over 1/8 inch wide, connector strips or flashing used in conjunction with sealant will be required.

2. Sneezeguard protection must be provided where food is displayed or customer self-service foods are proposed. Displays of unpackaged food shall be shielded so as to intercept a direct line between the customer's mouth, assumed to be between 54 and 60 inches above the floor, and the food being displayed.

PC19: VENTILATION

Hoods and mechanical ventilation must comply with all applicable requirements as set forth in the current edition of the Uniform Mechanical Code, as adopted by the local building and fire authorities.

Mechanical make-up air shall be provided at least equal to that amount which is mechanically exhausted. Windows and doors are not approved sources for make-up air.

PC22: DRY FOOD STORAGE

Provide a minimum 32 linear feet of dry food storage shelving units.

A shelving unit shall be a minimum 18 inches in depth and three (3) tiers high. For example, eight (8) shelving units, each of which is four (4) feet long and three tiers high, would equal 32 linear feet of shelving units.

PC26: WALK-IN UNITS

The walk-in refrigeration/freezer units must conform with applicable NSF International standards and be completely flashed to the building's walls and ceiling. The areas above walk-in units may not be used for storage.

All walk in refrigeration units must open into an approved food handling area.

PC28: LOCKER/SHELF/POLE INSTALL

Within the designated area, you must provide one locker (12" wide x 18" deep x 36" high minimum) per employee on each shift.

Lockers must be installed on six (6) inch high, easily cleanable legs, cantilevered off the wall, or on a minimum four (4) inch high continuously coved curb or platform. L-angle legs are not acceptable.

PC29: UTENSIL-WASHING FACILITIES

Indicate a minimum two (2) inch clearance between end wall(s) and the sink(s), or an integral end return. The end return must extend up the wall at least eight (8) inches and be sealed to the wall.

PC33: HAND SINKS

Handwashing cleanser and single-use sanitary towels must be provided in dispensers at all handwashing facilities. Hot air blowers may be provided in lieu of the hand towel dispensers.

PC37: LIGHTING

All light fixtures installed over utensil washing, food handling or storage areas shall be equipped with approved safety covers.

PC38: JANITORIAL SINK

The janitorial sink must be securely attached to the wall. Support legs must be of smooth, easily cleanable construction. L angle type legs are not acceptable.

Provide a chemical storage shelf and mop rack in the janitorial area.

PC41: WATER HEATER

Provide a storage tank-type water heater with a minimum energy input rating of 40,000 BTU's or 9 KW's.

Install the water heater on a four (4) inch high, coved platform or curb, or on at least six (6) inch high, smooth, easily cleanable legs.

PC42: PLUMBING/ELECTRICAL

All conduit, plumbing, etc., not concealed within walls, must be installed at least six (6) inches off the floor and 1/2 inch away from walls. All exposed flex conduit is to be "seal tight" or equivalent.

Where pipe lines enter a wall, ceiling or floor, the opening around the line shall be tightly sealed.

PC44: FLOOR SINKS

All equipment which generates condensate or similar liquid wastes shall be drained by means of indirect waste pipes into a floor sink. Floor drains are not to be used in lieu of floor sinks.

All floor sinks must be at least half exposed under the curb mounted equipment, or be in line with the front face of elevated freestanding equipment, and located within 15 feet of the condensate producing equipment.

PC48: VERMIN EXCLUSION

All buildings are to be insect and rodent proofed. Compliance will be determined at the time of this Agency's field inspections.

Provide self closing devices on all exterior and restroom doors.

PC49: AIR CURTAINS

Delivery doors shall be equipped with a door activated air curtain device that delivers an air velocity of at least 750 feet per minute, measured three (3) feet above the floor. The curtain of air shall cover the entire width of the door. For delivery doors that are wider than four (4) feet, the air curtain must produce an air velocity of at least 1600 feet per minute, as measured three (3) feet above the floor.

Air curtain devices must be permanently wired and installed with a self-activating switch, so that the device will automatically operate whenever the door opens.

For more information, please contact your plan checker Julie Hobberlin, REHS at (714)433-6065 or jhobberlin@ochca.com

INDEX OF DRAWINGS

No.	DESCRIPTION
	COVER SHEET
A-1	SITE & ACCESSIBILITY PLAN
A-2	FLOOR PLAN
A-3	REFLECTED CEILING
A-4	INTERIOR ELEVATIONS/DINING ROOM
A-5	KITCHEN EQUIPMENT PLAN
M-1	HVAC PLAN
M-2	HOOD DETAILS
E-1	ELEC. GENERAL NOTES
E-2	ELECTRICAL PLAN
E-3	PANEL SCHEDULES
E-4	ELECTRICAL TITLE 24
P-1	PLUMBING PLAN
P-2	PLUMBING DETAILS

PROJECT DATA:

PROJECT DESCRIPTION:

T.I. FOR PAPA JOHN'S TAKE OUT PIZZA STORE.

TENANT IMPROVEMENT AREA 1500 S.F.

OCCUPANCY GROUP B

TYPE OF CONSTRUCTION VB
NON- SPRINKLERED

OCCUPANT LOAD 1351/200+149/15= 17

BUILDING CODE 2010 CBC, CMC, CEC, CPC, CFC.
& 2008 TITLE 24 ENERGY REGULATIONS.

NOTE:
A SEPARATE PERMIT IS REQUIRED FOR EXTERIOR SIGNS

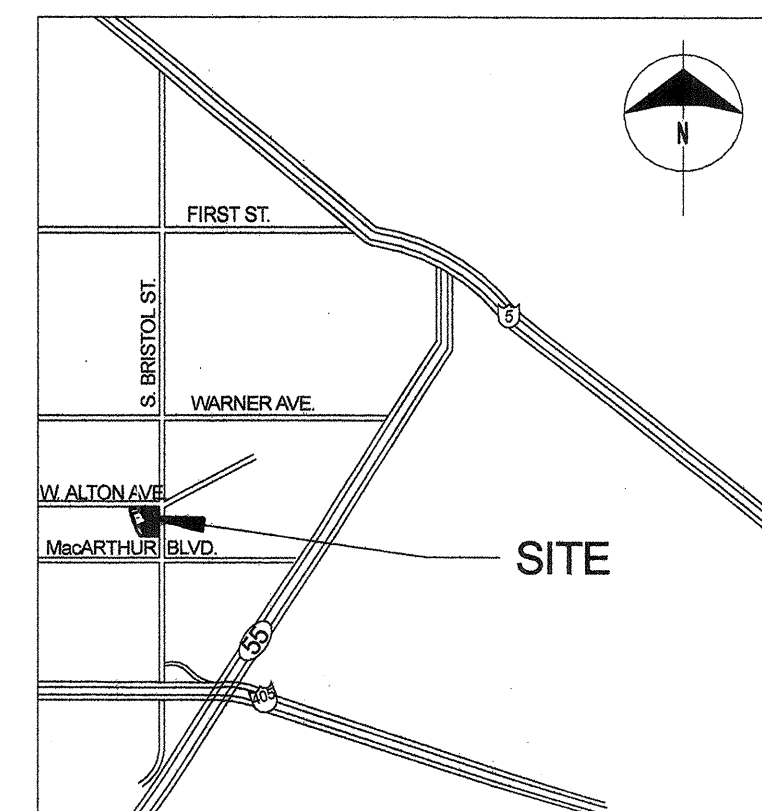
NOTE:
A FIRE SUPPRESSION SYSTEM IS REQUIRED FOR TYPE I HOODS.
A SEPARATE FIRE DEPARTMENT PERMIT SHALL BE REQUIRED.

GENERAL CONTRACTOR:
COASTLINE DESIGN & CONSTRUCTION, INC.
32 EDELMAN
IRVINE, CA 92618
949-701-4962

ENGINEER:
PARVIZ AZAR
P.A. & ASSOCIATES, INC.
28 EDELMAN
IRVINE, CA 92618
949-679-7474



Better Ingredients.
Better Pizza.



LOCATION MAP

PLAN NUMBER PAPA JOHN'S PIZZA

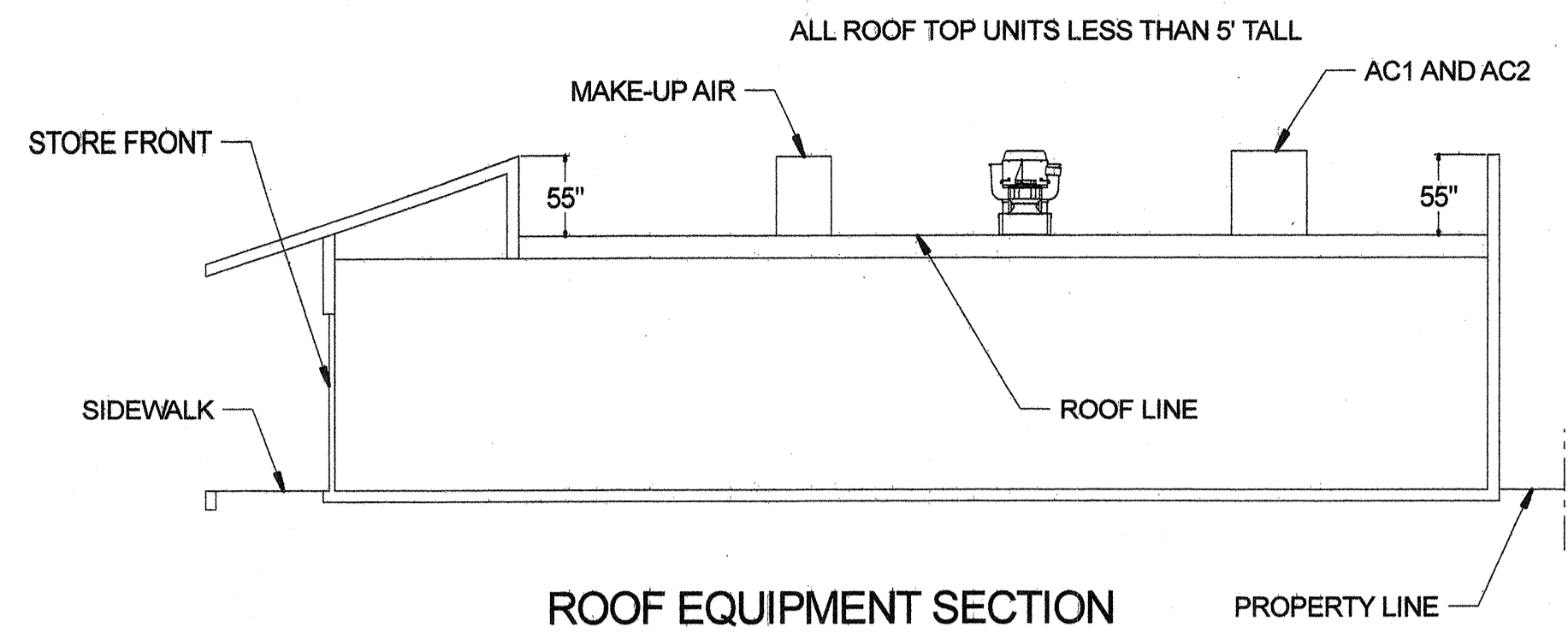
SITE ADDRESS PAPA JOHN'S BRISTOL PLACE
3316 BRISTOL STREET
SANTA ANA, CA 92704

BUSINESS OWNER & TENANT:
PJ of Southern California, L.P.

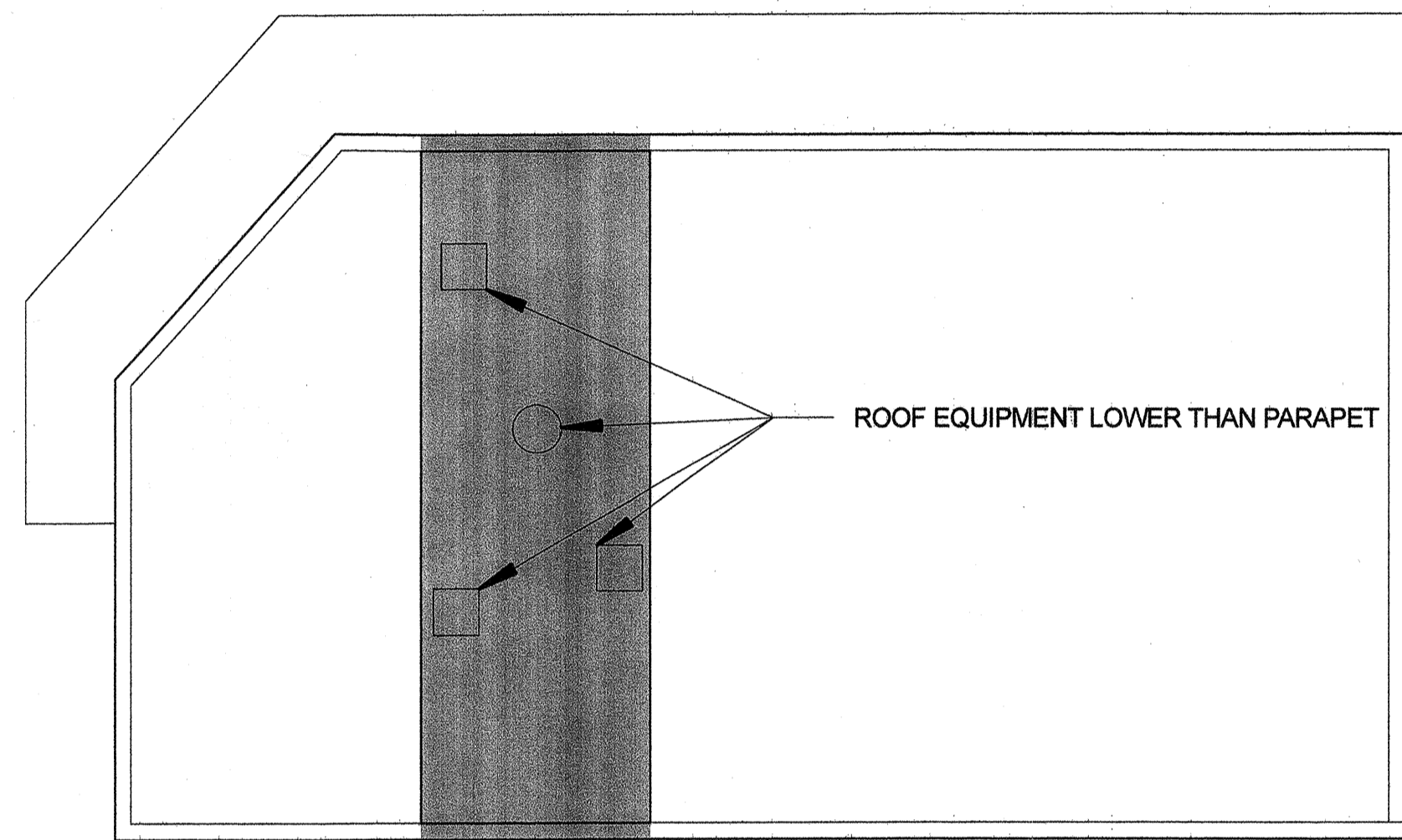
48 MAXWELL
IRVINE, CA 92618
VOICE: 949-502-8336
FAX: 949-679-4144

PLAN DATE DECEMBER 12, 2011

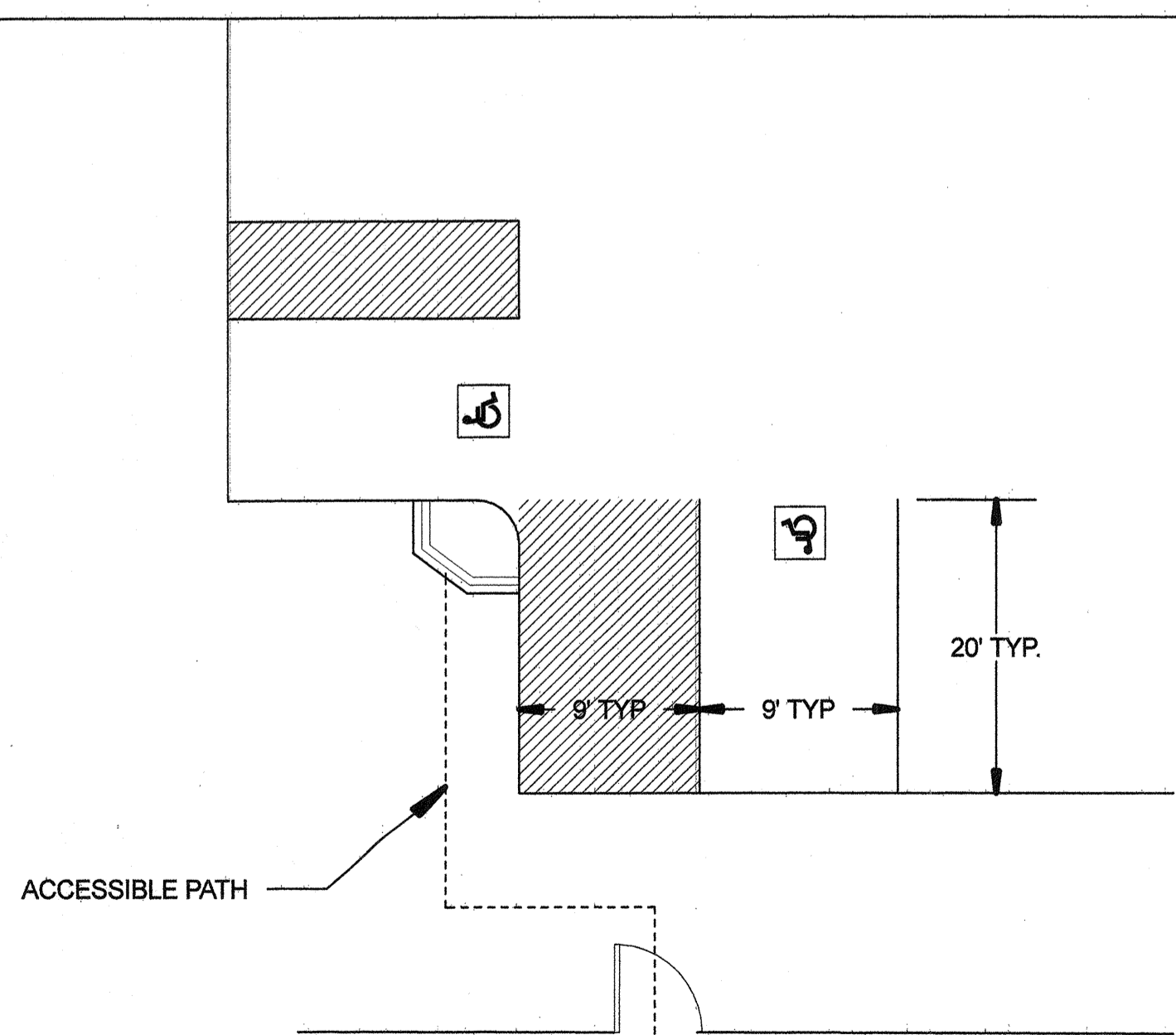
RECEIVED FICA
JAN 04 2012
ENVIRONMENTAL HEALTH



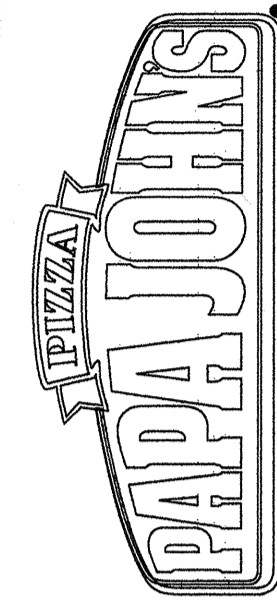
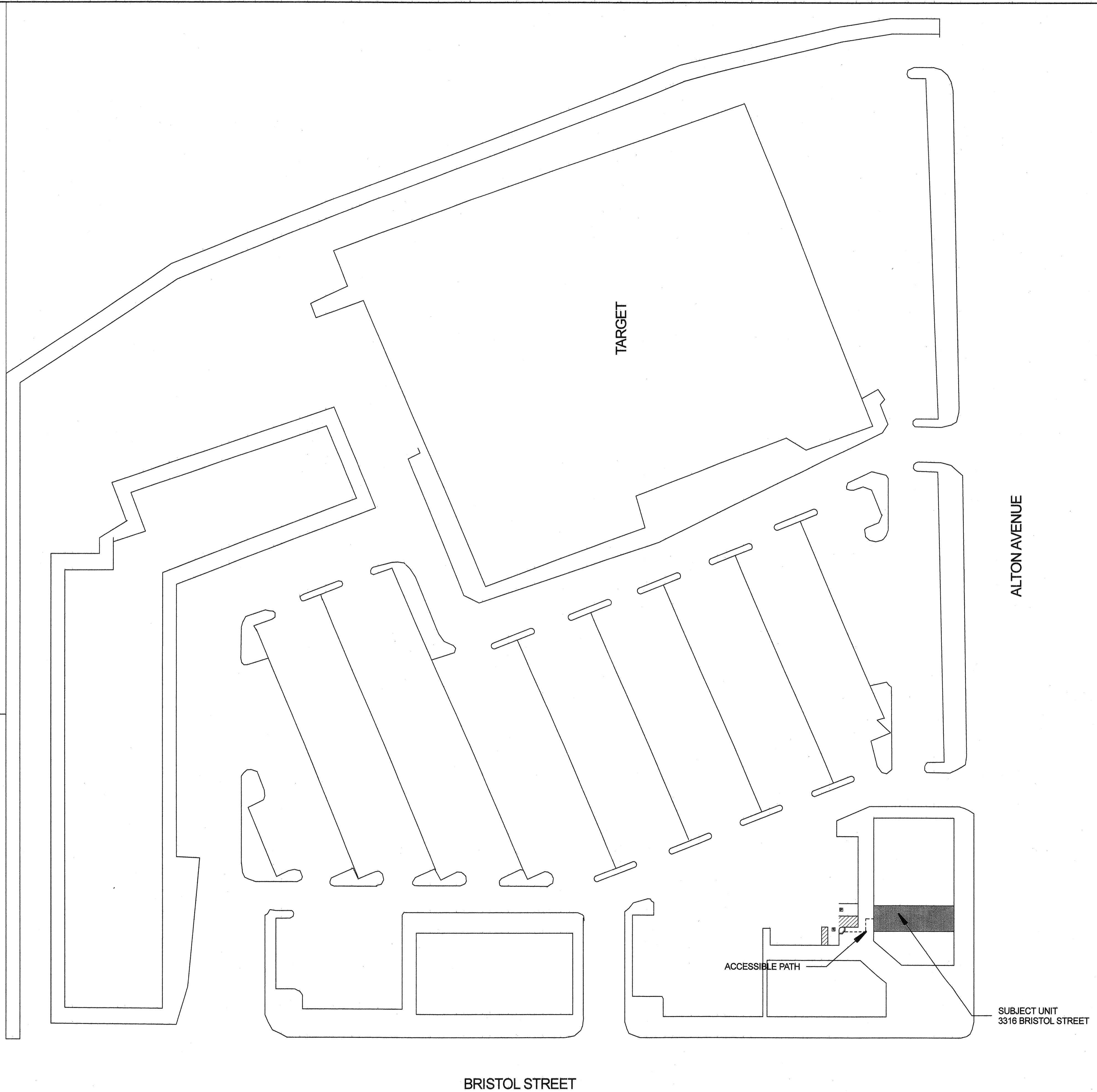
ROOF EQUIPMENT SECTION



ROOF PLAN



ENLARGED ACCESSABILITY DETAILS



PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

SITE & ACCESSIBILITY
PLAN

N.T.S.
DECEMBER 12, 2011

A. LETTER TYPE: LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32 INCH MINIMUM AND SHALL BE SANS-SERIF UPPER-CASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.

B. SYMBOL SIZE: RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8 INCH HIGH.

C. PICTORIAL SYMBOL SIGNS (PICTOGRAMS): PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.

D. PROPORTIONS: LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH- TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 1:5 AND 1:10.

E. MOUNTING LOCATION AND HEIGHT: WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 1117B.5.2. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF FLOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTER LINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

ROOM FINISH SCHEDULE												
FINISH LOCATION	FLOOR			WALLS			CEILING				REMARKS	
	VINYL TILE	CERAMIC TILE	3/8" RADIUS COVE BASE	CONCRETE	CERAMIC TILE BOARD	PERFORATED FIBER PANELS	PAINT FLAT	PAINT GLOSS	SUSPEND. GYPSUM PANEL WITH VINYL LAMINATE T.B.K.	HARD GYPSUM BOARD		PLYWOOD
KITCHEN/ SERVICE	●	●	●	●					●			HEIGHT OF FRP FROM COVE BASE TO CEILING IN KITCHEN/ SERVICE AREA
BATHROOM		●	●			●		●		●		HEIGHT OF FRP 48" MIN IN BATHROOM
TAKEOUT AREA	●	●					●		●			ALL FLOOR SURFACES TO HAVE CERAMIC COVE BASE THAT CONTINUES UP THE WALL 4" MIN. IN A SEAMLESS MANNER FORMING A 3/8" MIN. RADIUS COVE AS AN INTEGRAL UNIT

DOOR SCHEDULE AND NOTES

TYPE	DOOR SIZE	MATERIAL	FRAME	RATING	HARDWARE TYPE	
A	3'-0"X6'-8"	WOOD	WOOD	N/A	PASSAGE, LEVER TYPE	
B	3'-0"X6'-8"	METAL	METAL	N/A	PRIVACY, LEVER TYPE	NOTE 1,2,3
C	3'-0"X7'-0"	TEMPERED GLASS	ALUMINUM	N/A	PUSH TYPE	NOTE 1,2,3

NOTES:

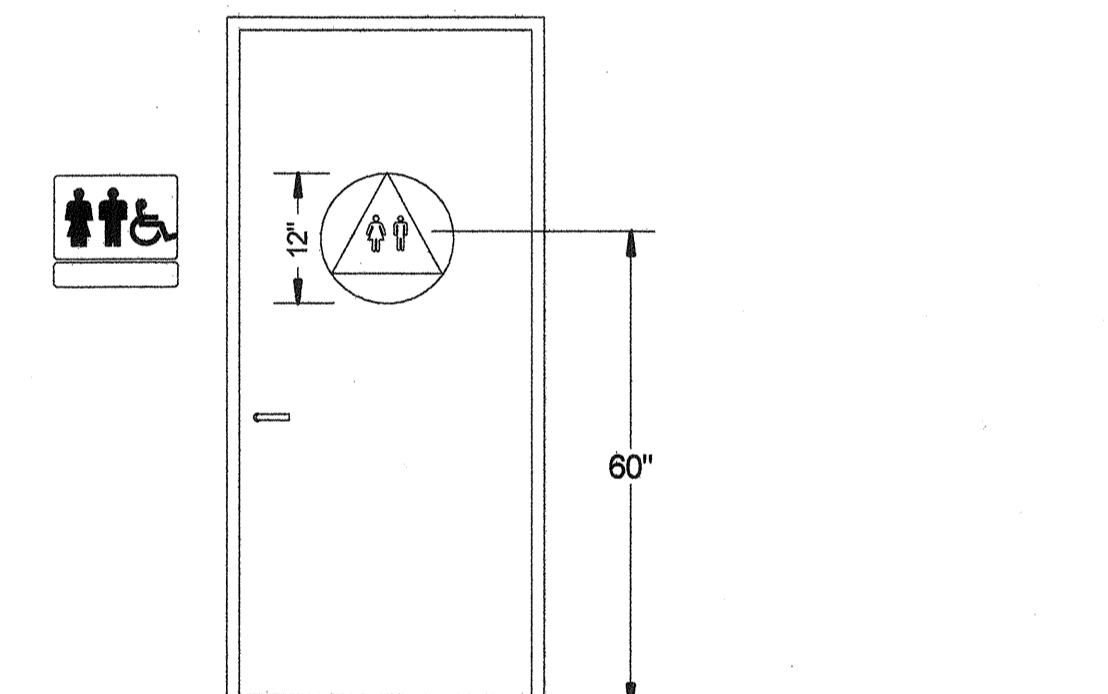
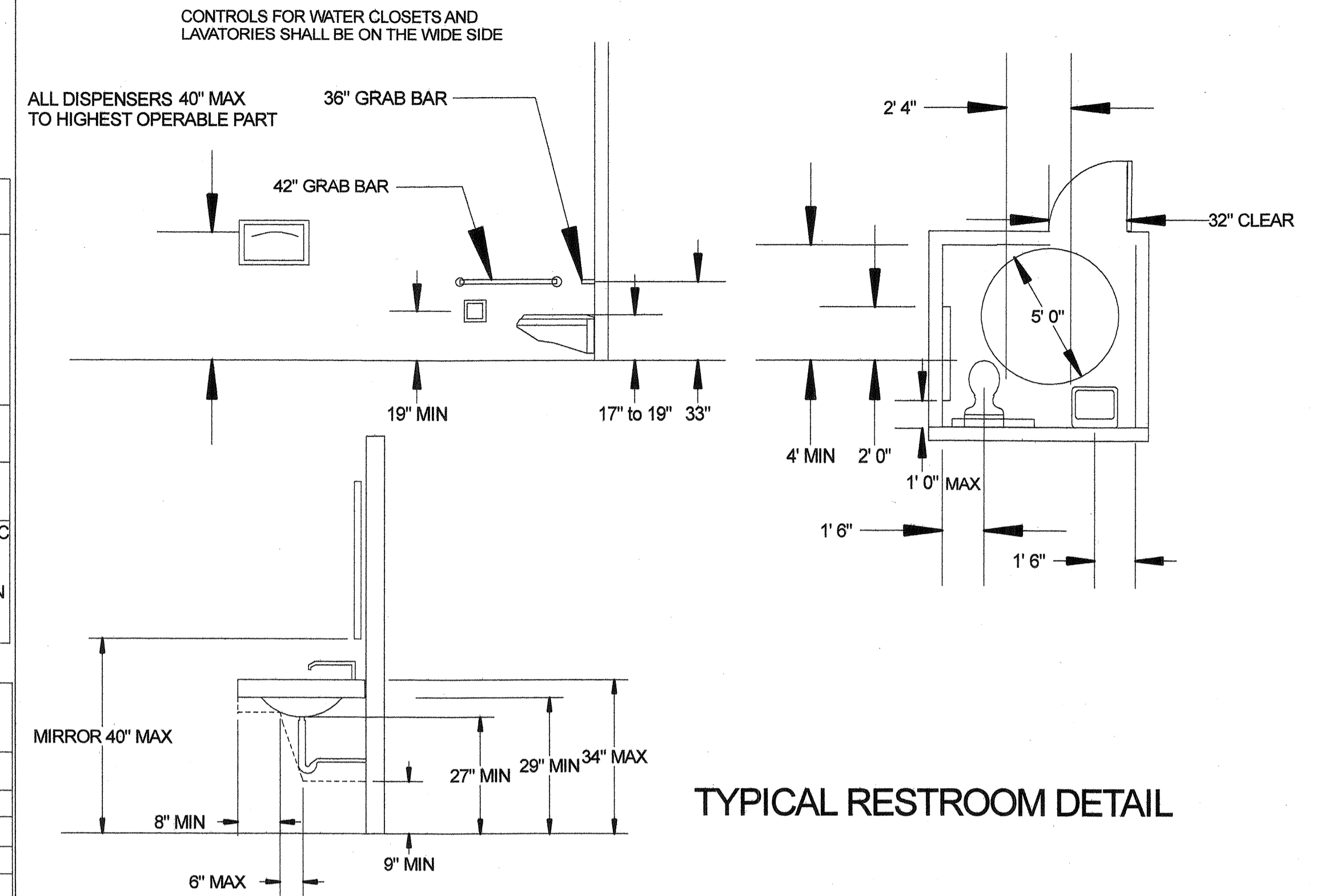
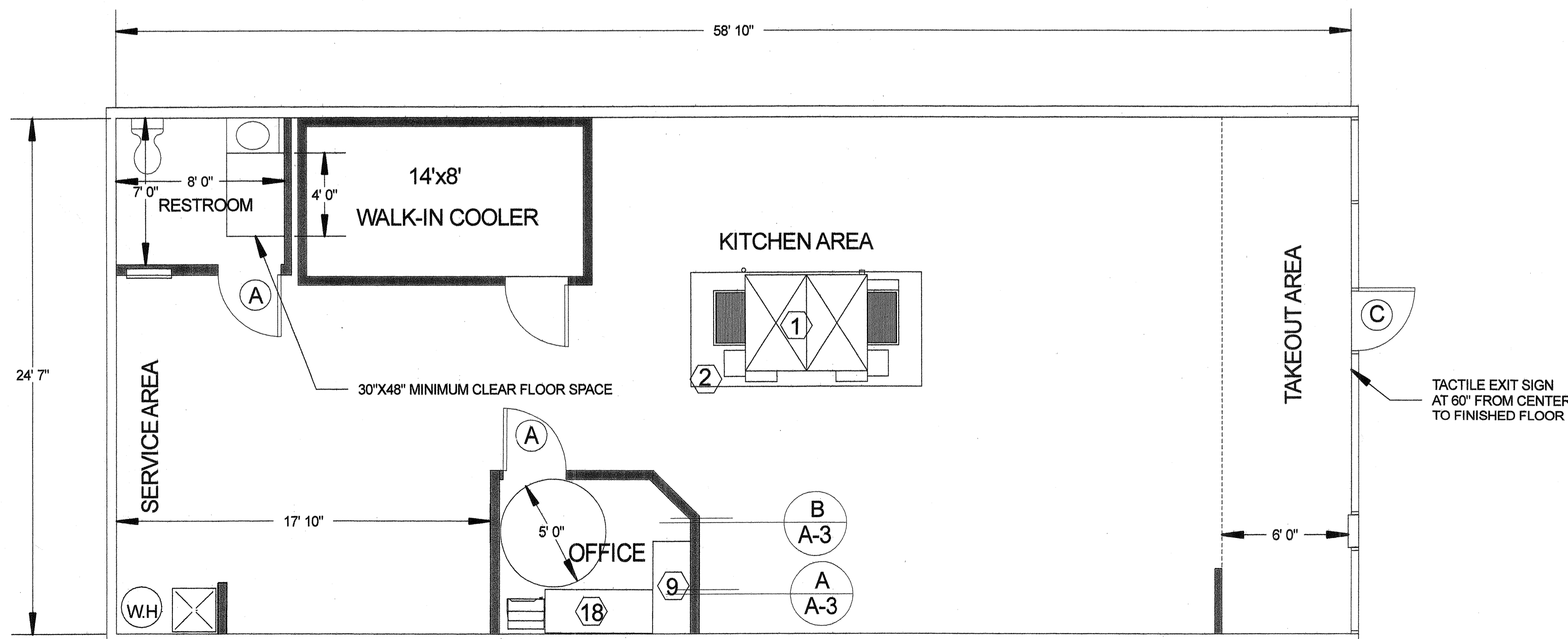
1. BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE OR SHALL BE PROVIDED WITH 10-INCH SMOOTH METAL PANEL AT THE BOTTOM TO ALLOW THE DOOR TO BE OPENED BY A WHEEL CHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
2. LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE, PUSH TYPE, PANIC BAR HARDWARE OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
3. FOR LOCKING INDICATOR DEVICES, SPECIFY A NOTE OVER THE DOOR IN 1" HIGH LETTERS ON A CONTRASTING BACKGROUND STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS".
4. A TACTILE EXIT SIGN WITH THE WORD "EXIT" SHALL IDENTIFY EACH GRADE LEVEL EXTERIOR EXIT DOOR.

EXIT

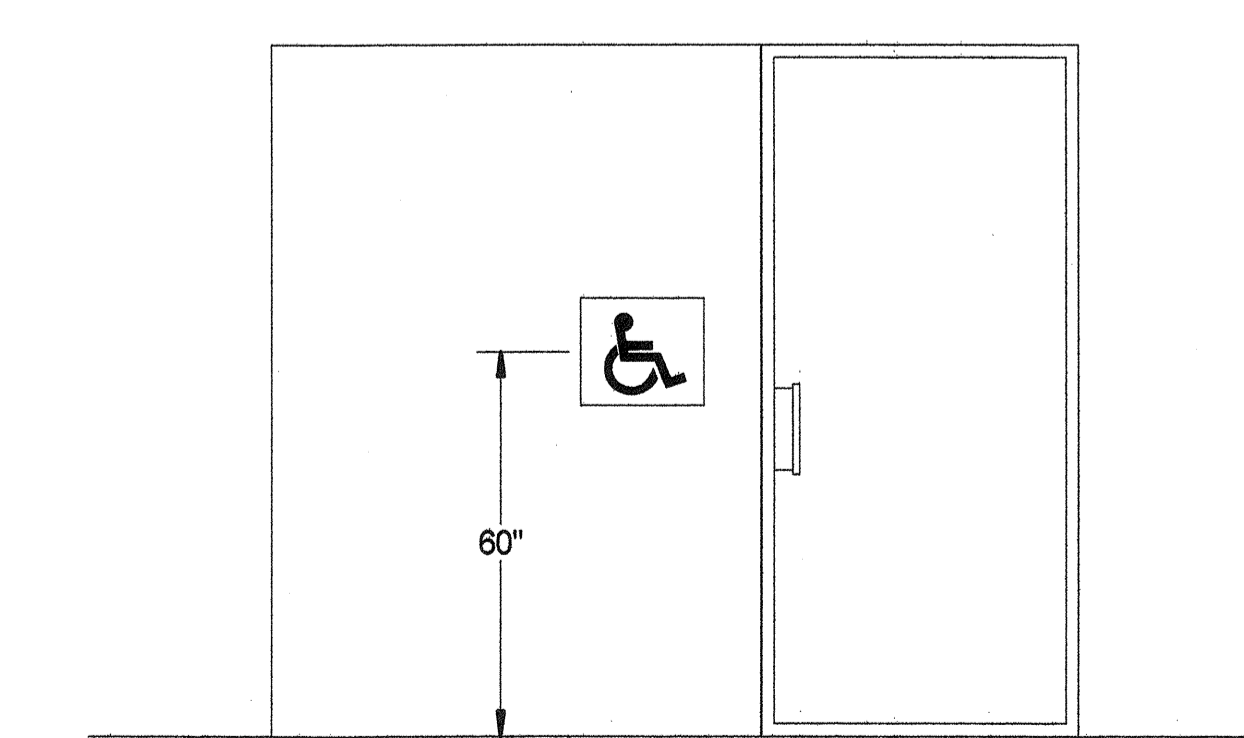
TACTILE "EXIT" SIGN

CORRESPONDING GRADE 2 BRAILLE TO BE LOCATED DIRECTLY UNDER OR ADJACENT TO SIGNAGE INFORMATION

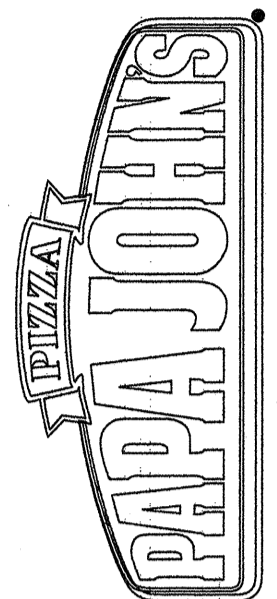
- EXISTING WALL
- NEW WALL NON-BEARING



RESTROOM SIGNAGE



ENTRANCE SIGNAGE

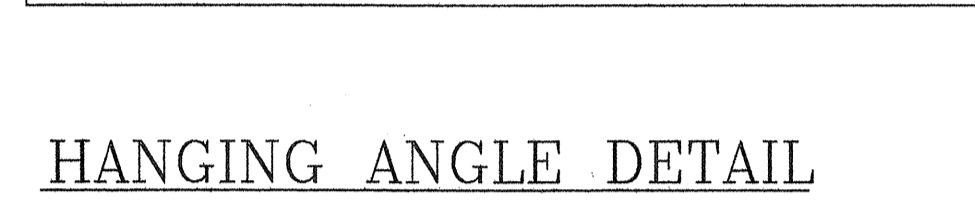
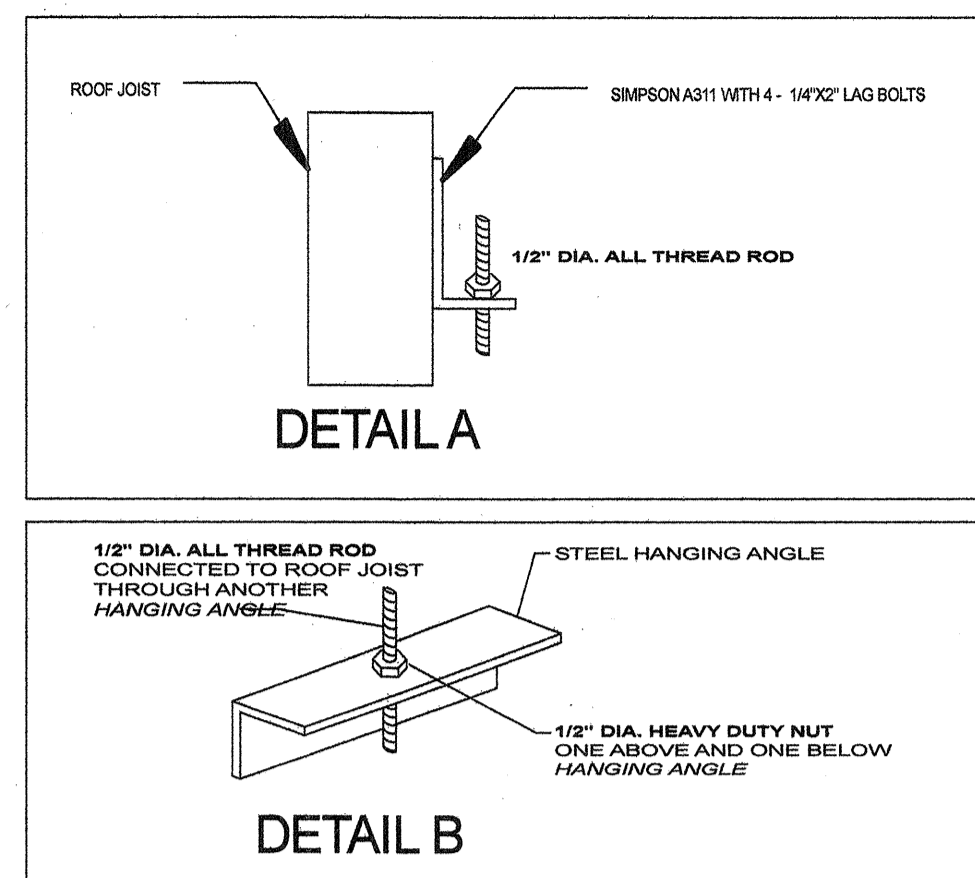
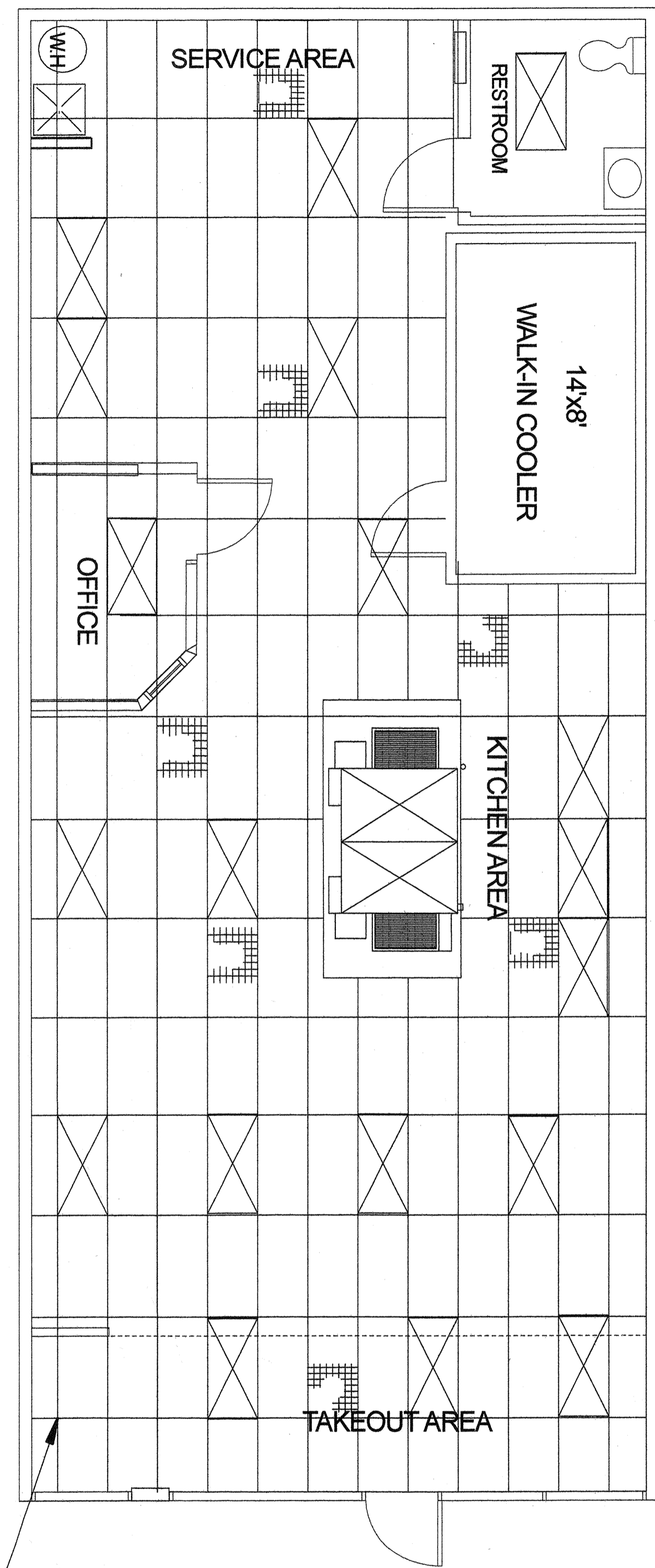


PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

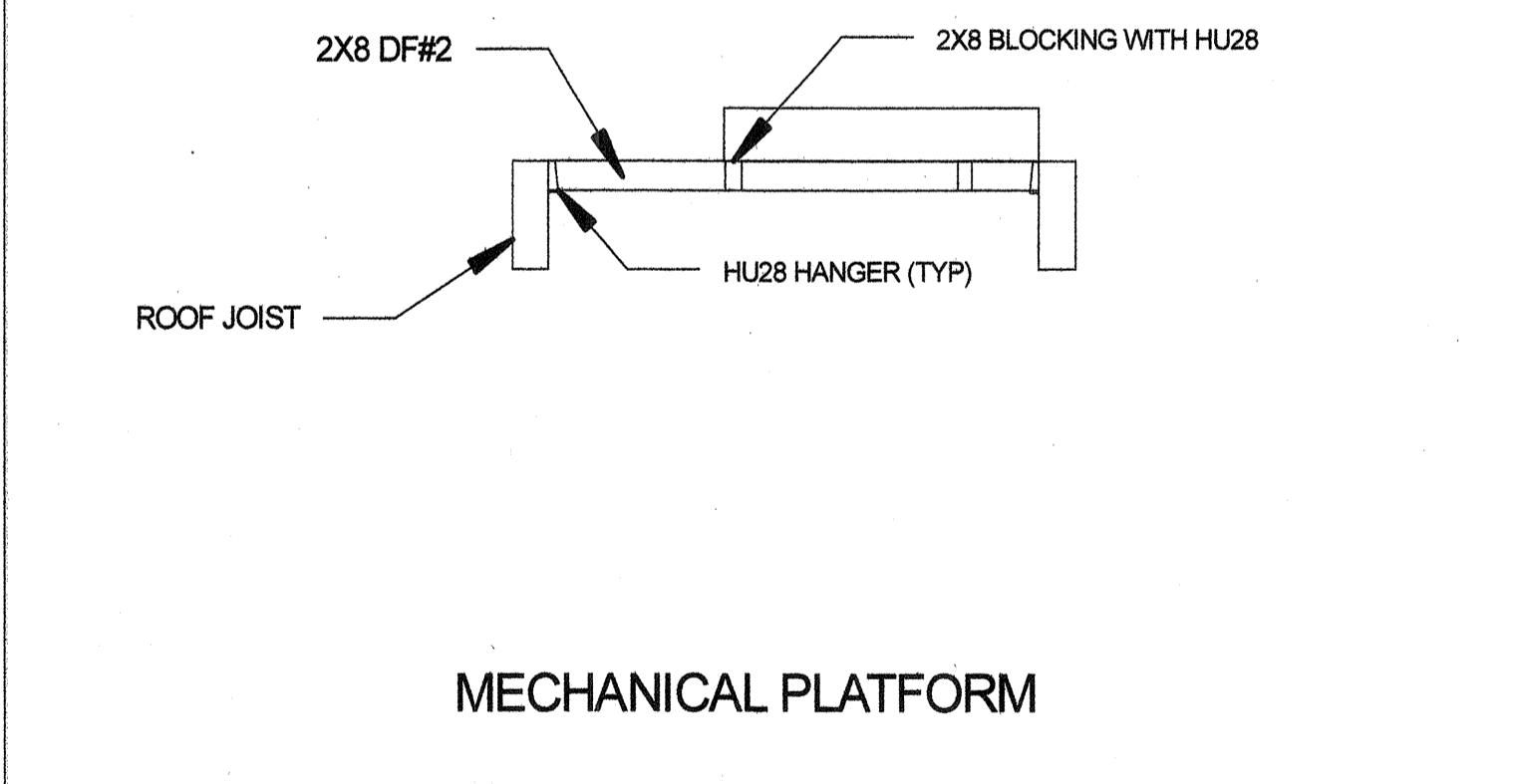
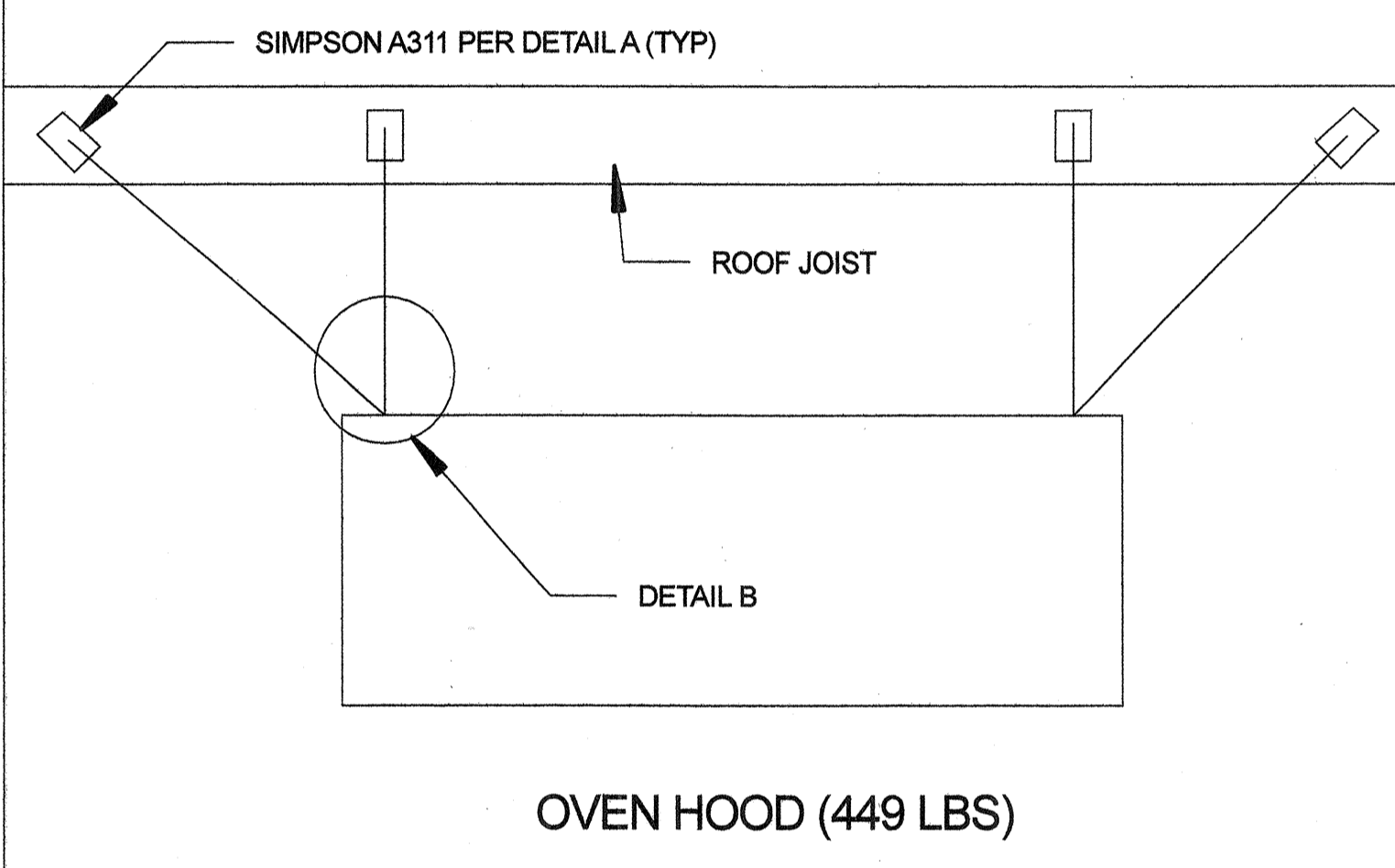
FLOOR PLAN

SCALE 1/4" = 1'
DECEMBER 12, 2011

A-2



HANGING ANGLE DETAIL



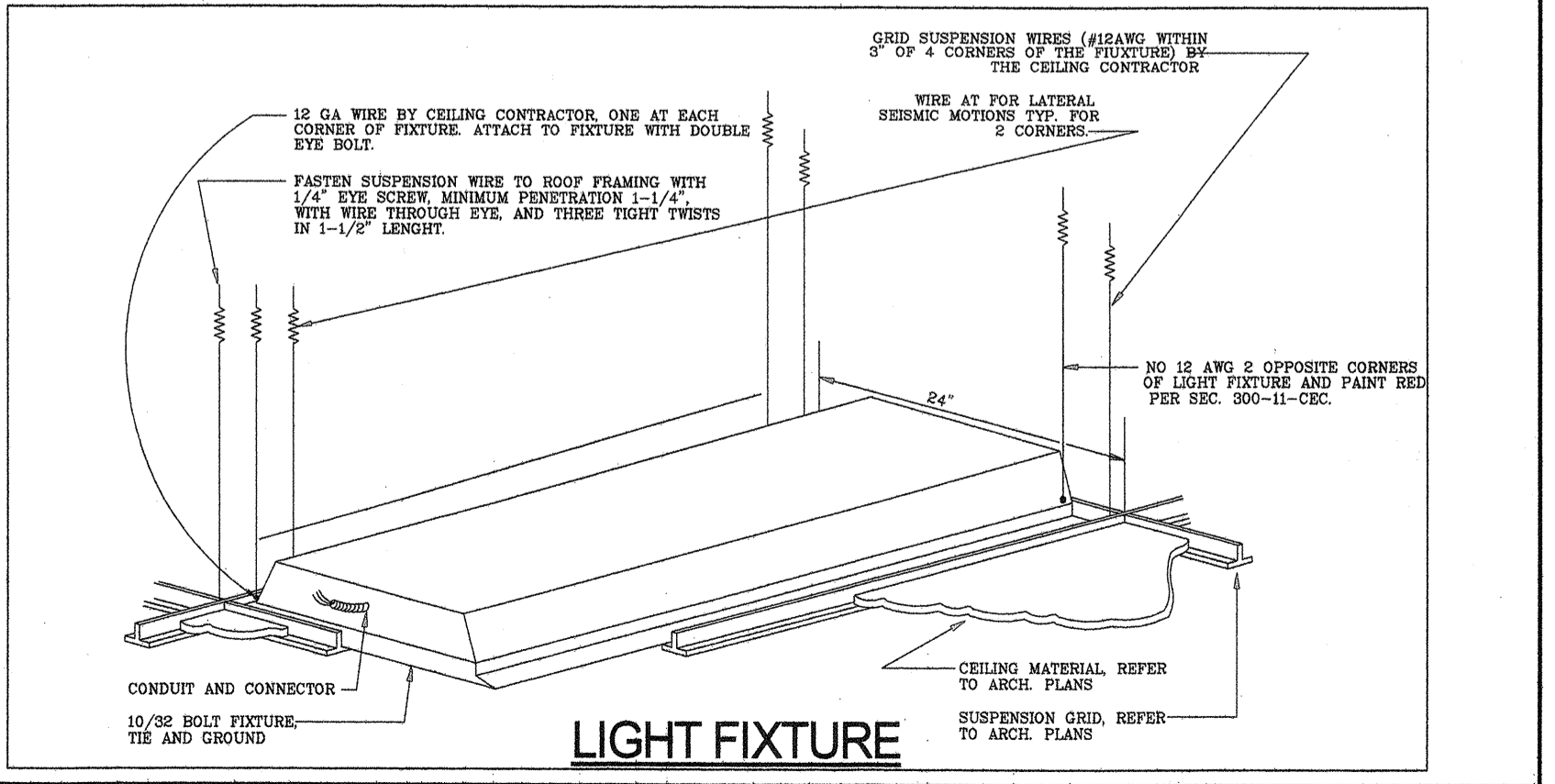
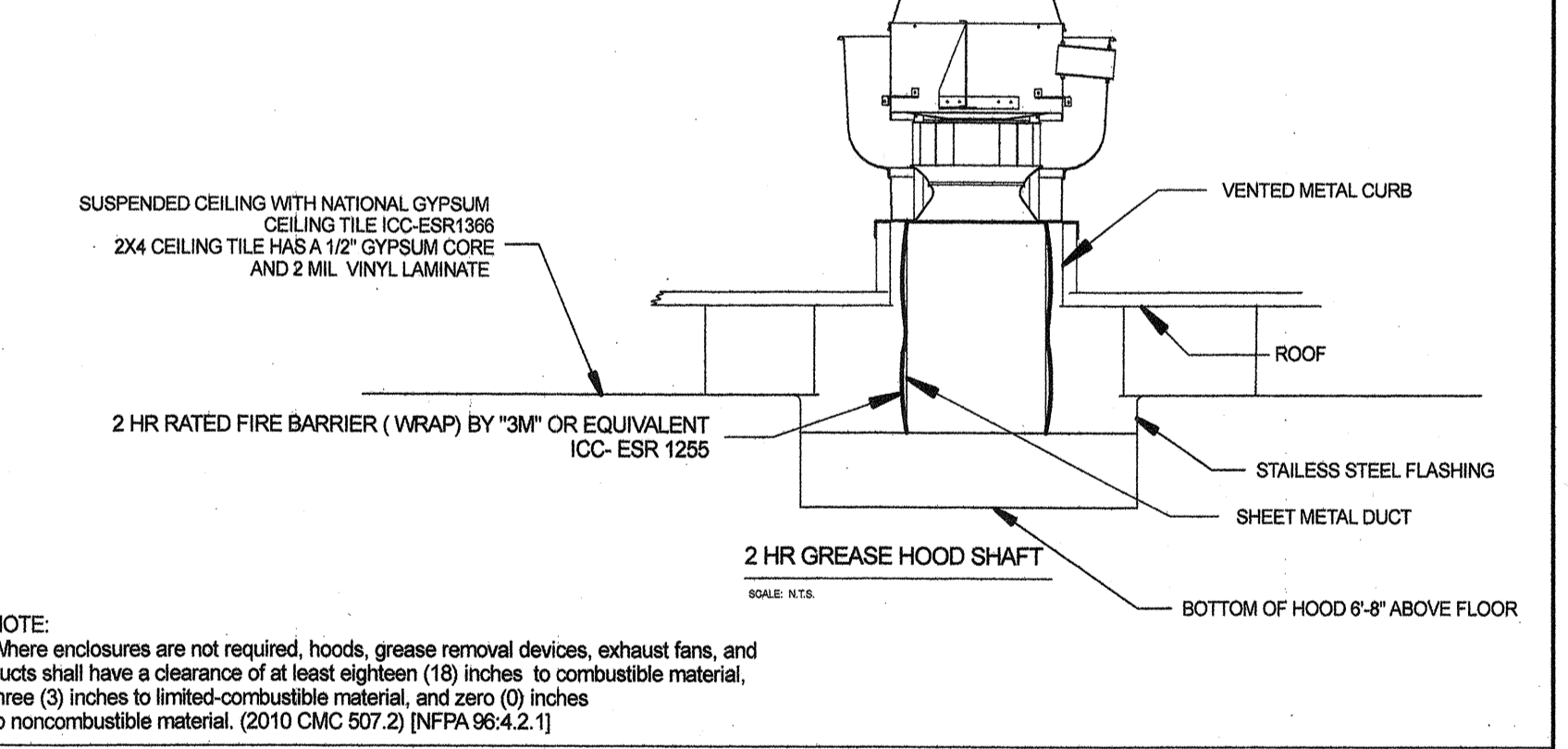
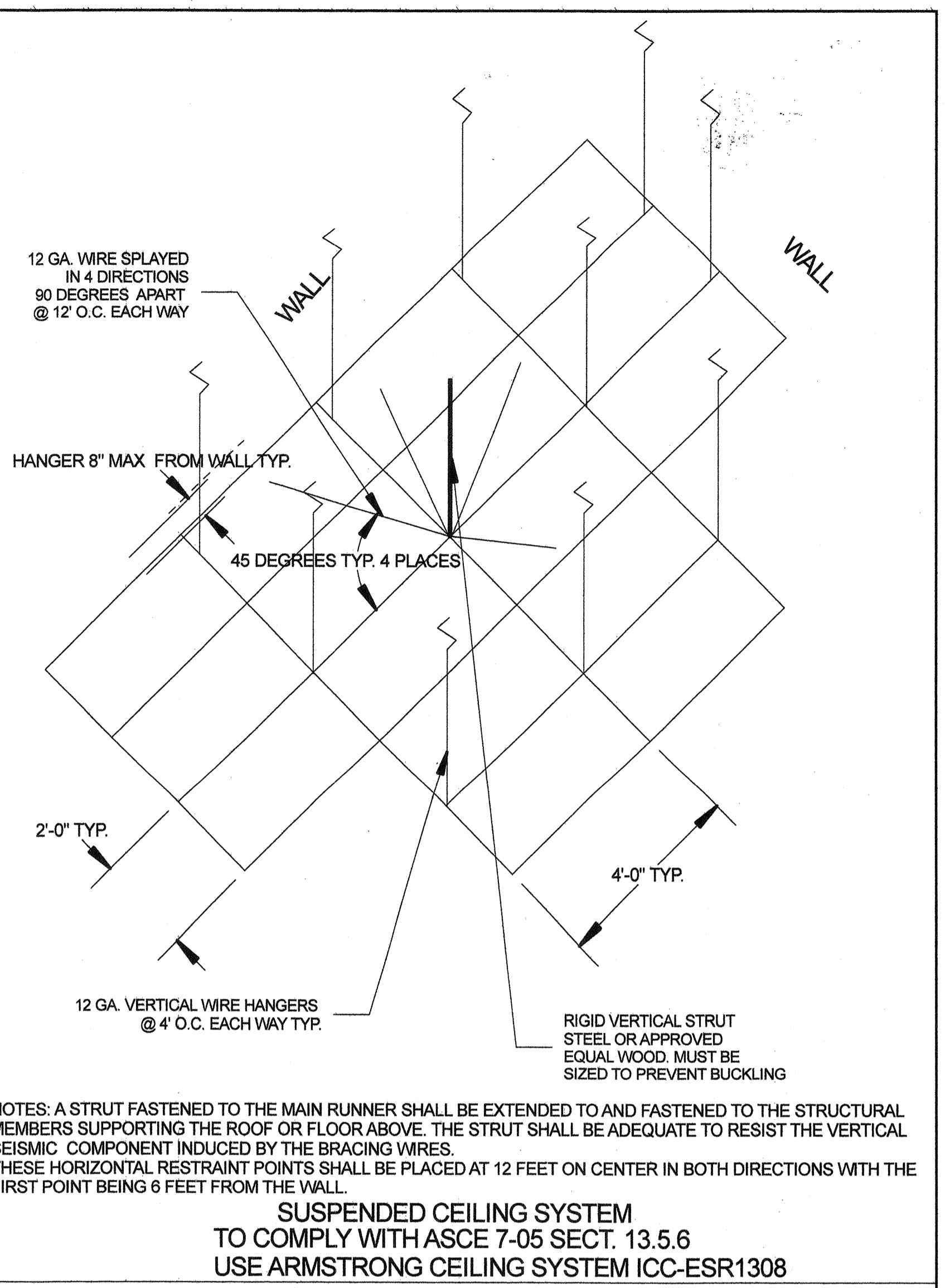
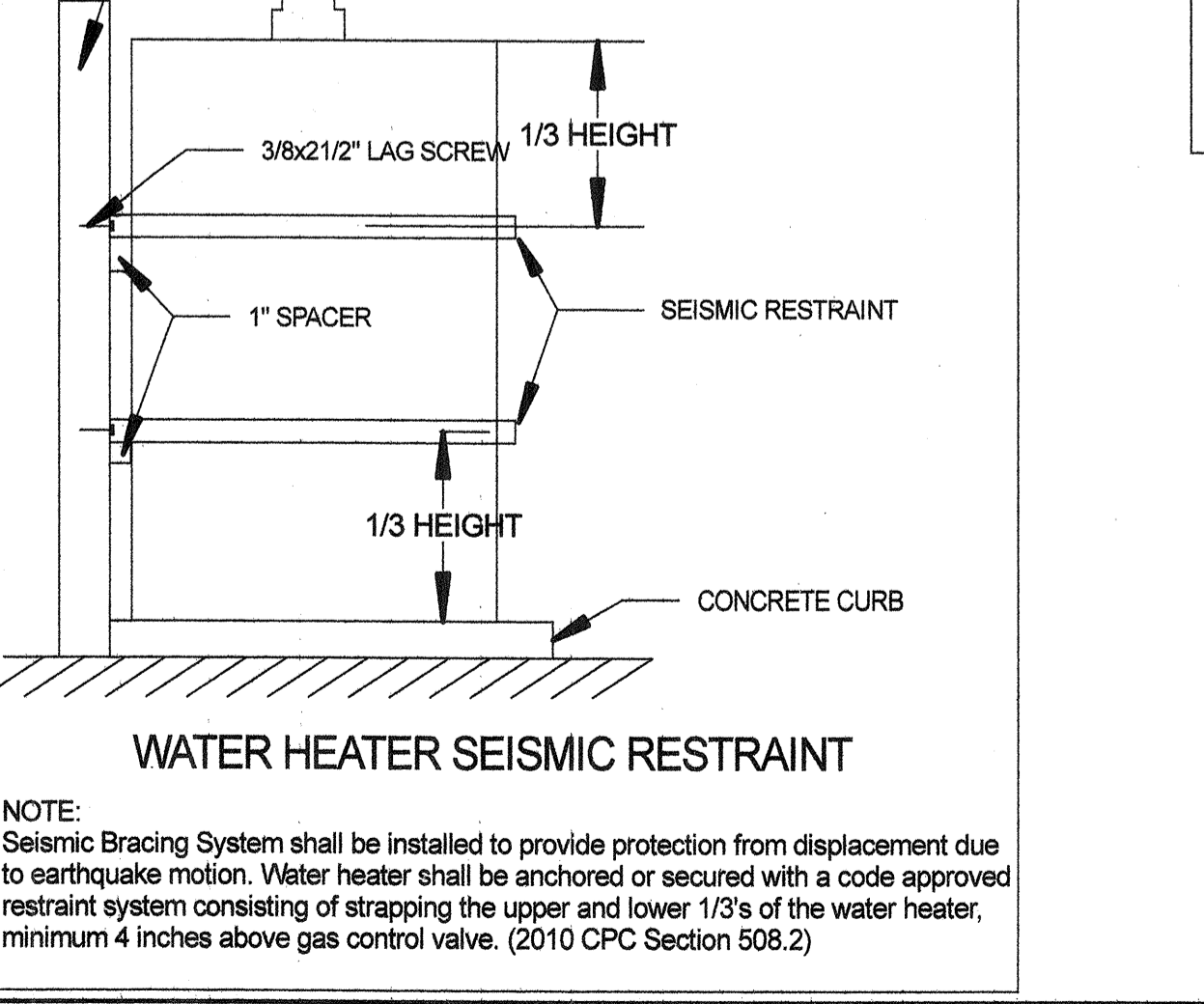
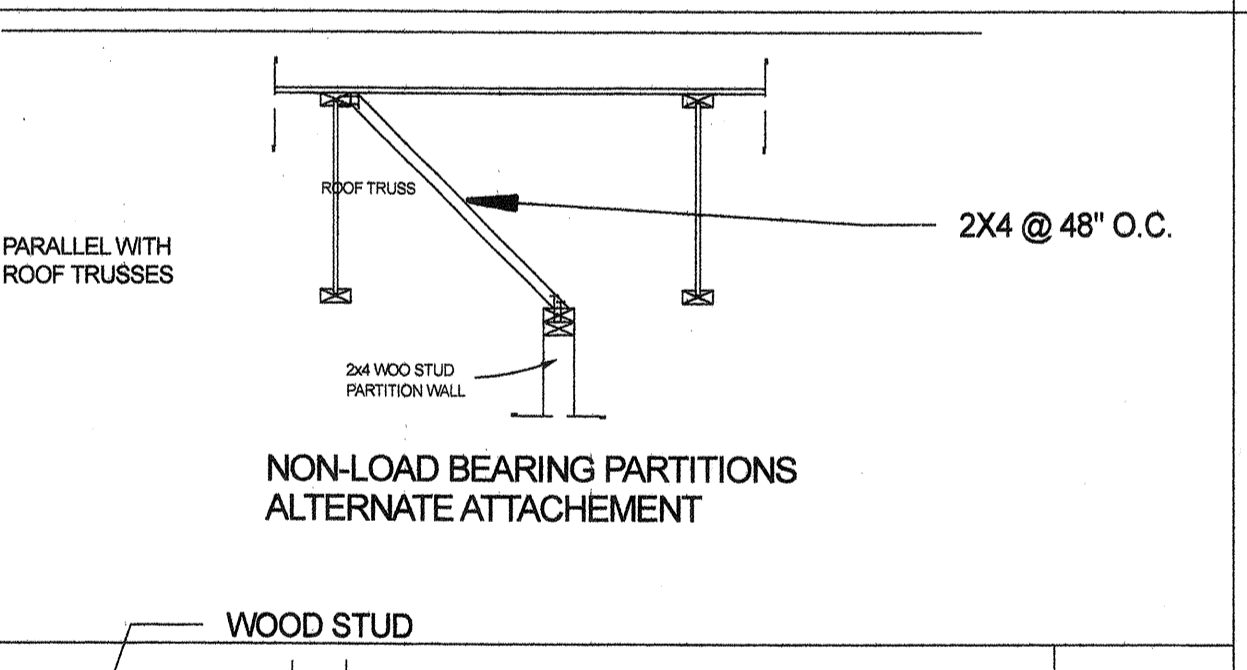
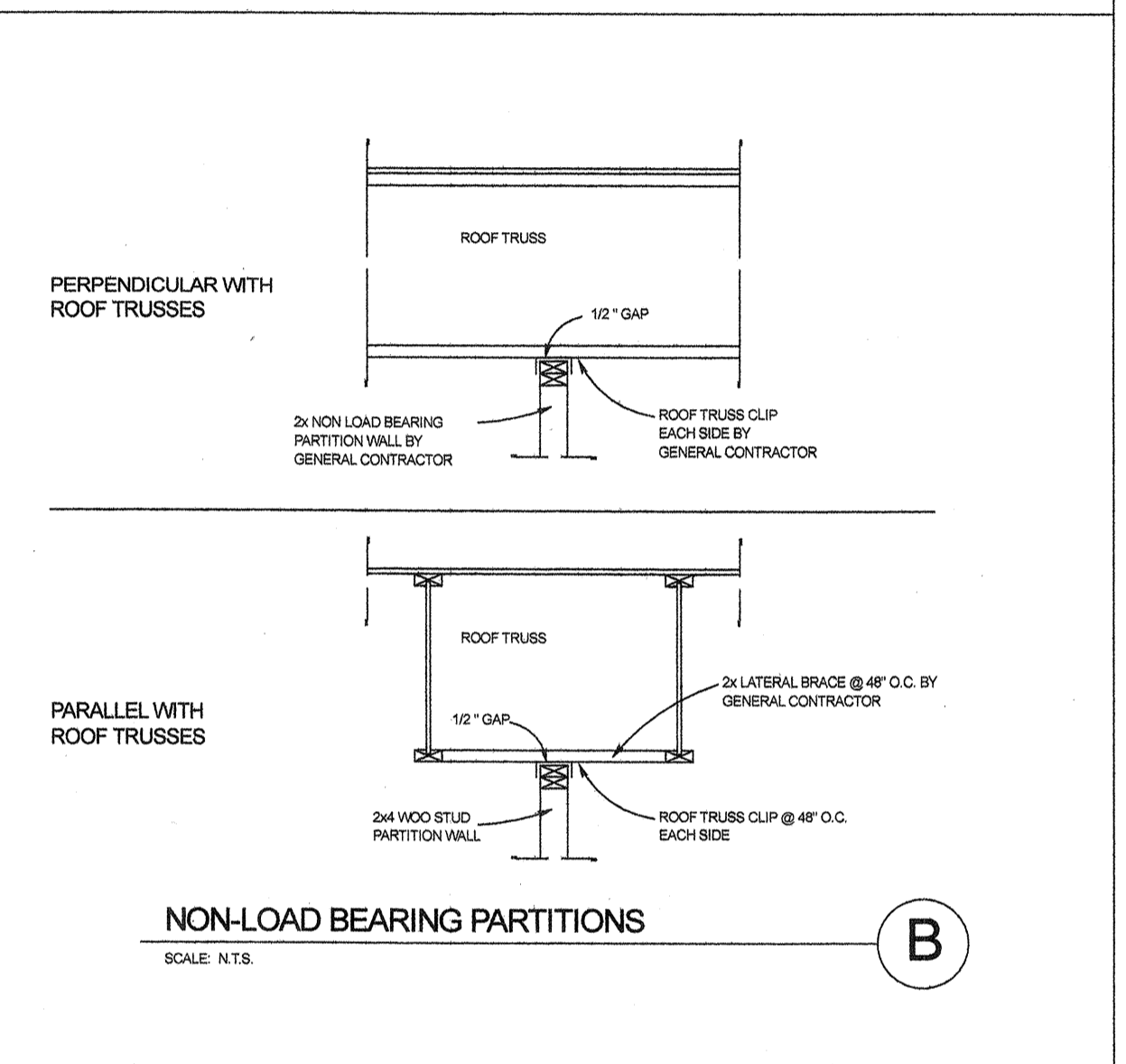
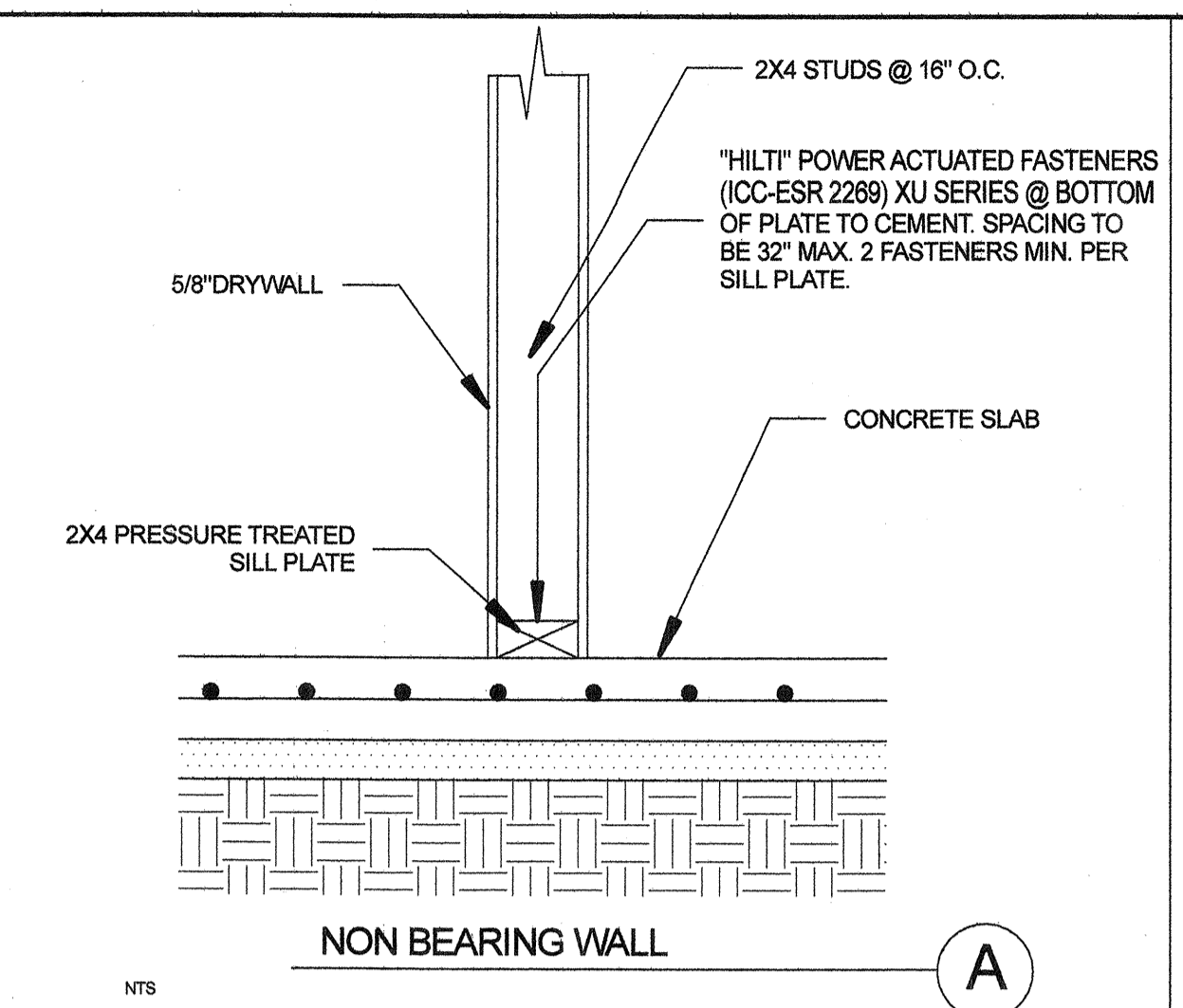
SPECIAL INSPECTION PROGRAM AND DESIGNATION OF SPECIAL INSPECTORS

Form No. 00-01
 (Only checked items are required)

INSPECTION ITEMS	SPECIAL INSPECTOR(S) NAME, PHONE NUMBER, REGISTRATION #
SUSPENDED CEILING SYSTEM	PA ASSOCIATES 949-679-7474

DECLARATION BY OWNER OR ARCHITECT/ENGINEER OF RECORD:
 I, the Owner Engineer or Architect of record, declare that the above listed Special Inspector(s) is/are hired by me.

Print Name _____ Signature _____ Date _____



FINISH SPECIFICATIONS:

CERAMIC TILE:
 FTPJ8603 - 12"X12" FIELD TILE
 FTPJ8603 - 6"X8" COVE BASE (BASE TO MATCH TILE)
 WITH 3/8" MINIMUM RADIUS

FTPJ8603 - 6"X8" LEFT CORNER
 FTPJ8603 - 6"X8" RIGHT CORNER
 STURDFLEX THINSET 504
 LIGHT BUFF #945 - GROUT

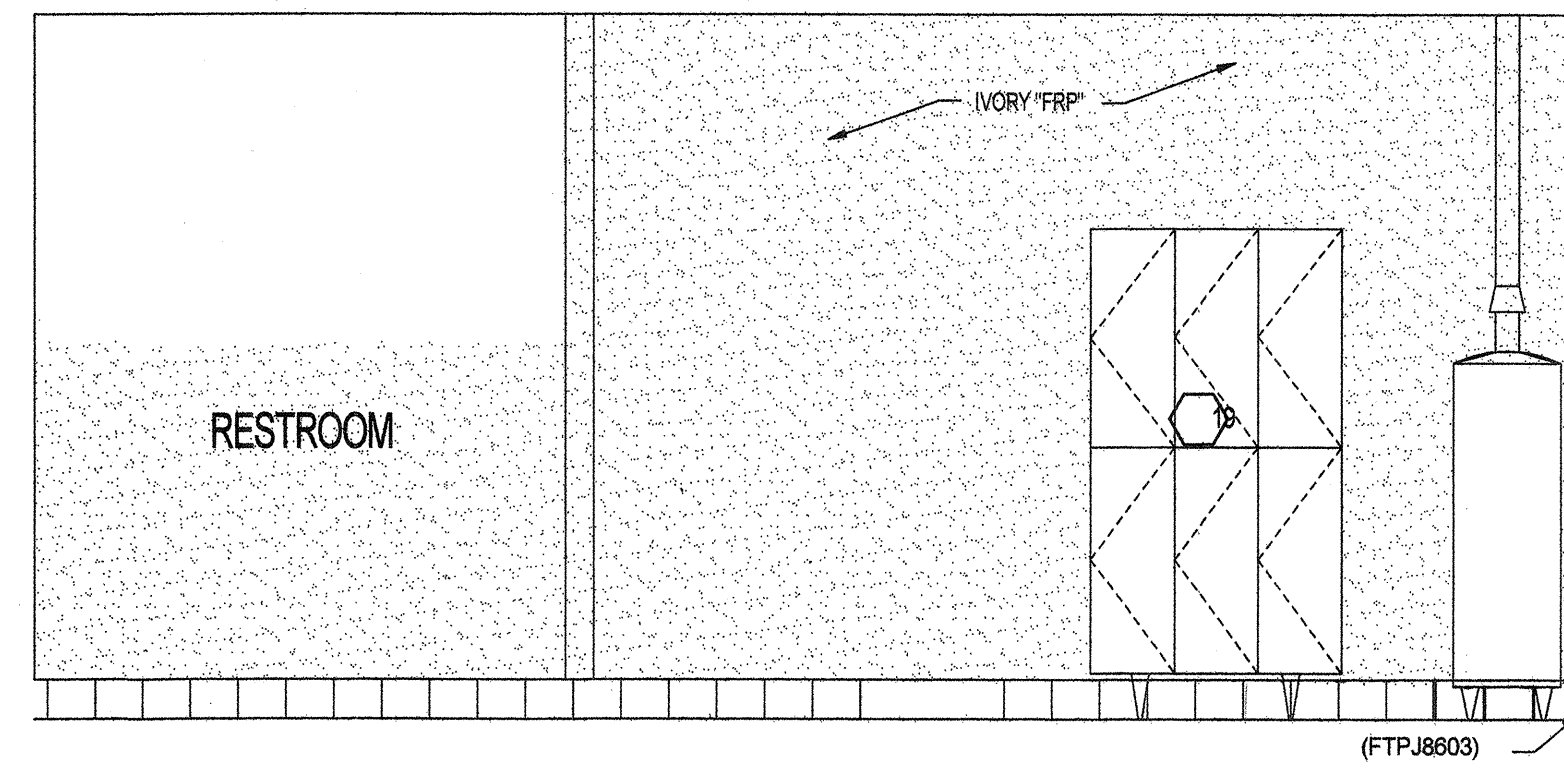
FRP:
 MARLITE P-140 IVORY
 KEMLITE IVORY

WALLPAPER:
 COLOUR AND DESIGN INC.
 ISADORA TEXTURE - BUTTER CDZ-ISA-10
 CONTACT - ERIC LUNDQUIST 218-631-6700

TRIM & DOOR PAINT:
 SHERWIN WILLIAMS
 INDUSTRIAL ENAMEL - 6119 ANTIQUE WHITE
 CONTACT: TIM MATHOP 502-905-3585

CEILING TILE:
 NATIONAL GYPSUM (VINYL CLAD GYP. BD. CEILING TILES)
 GRIDSTONE 24"X48"X1"

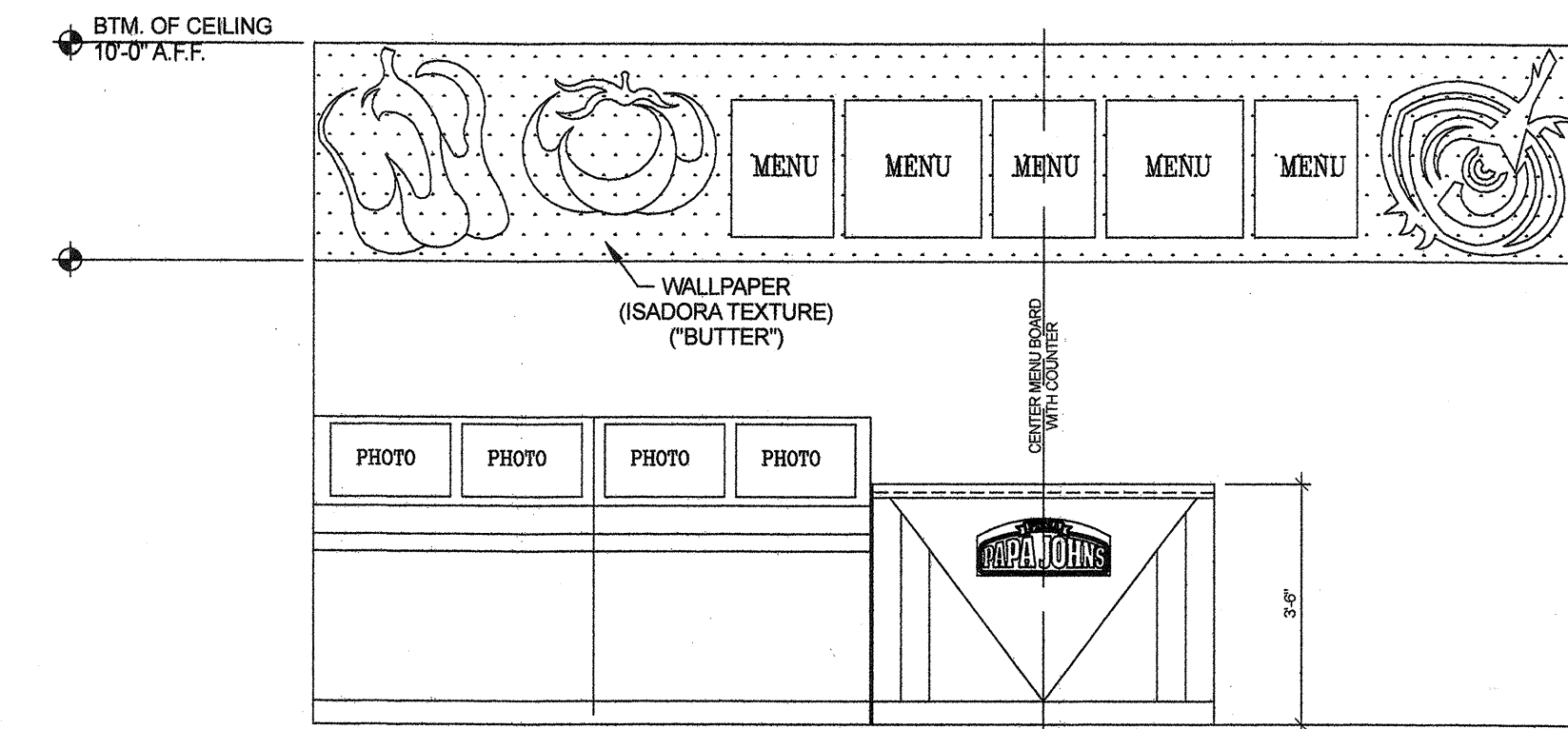
LAMINATES:
 RED - 839-58 STOP RED
 GREEN - 907-58 HUNTER GREEN
 WOOD GRAIN - 7703-58 FIRE GLAZED
 YELLOW - 91923-58 YELLOW METALCRAFT
 SOLID SURFACE - FORMICA SURELL BLACK LAVA
 CONTACT: TOM NEMMERS - QUALSERV 800-477-1414



BACKWALL ELEVATION

SCALE: 3/8" = 1'-0"

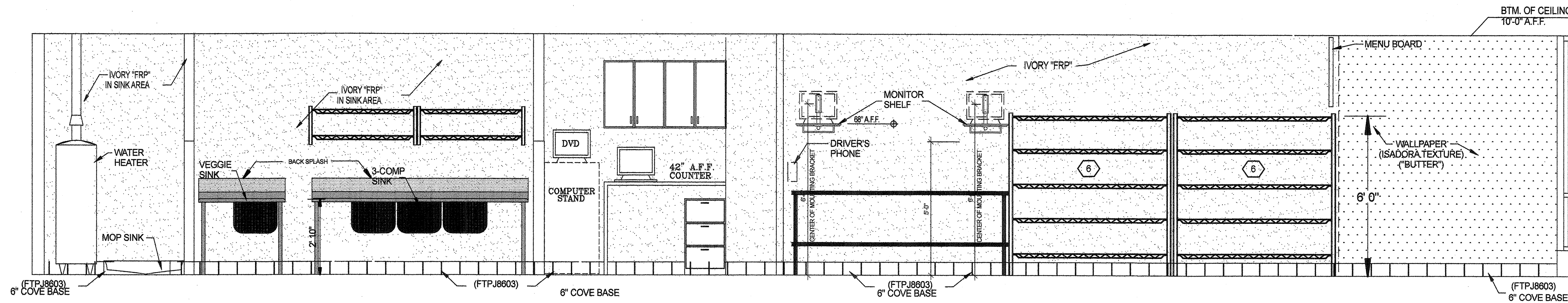
4



BULKHEAD ELEVATION

SCALE: 3/8" = 1'-0"

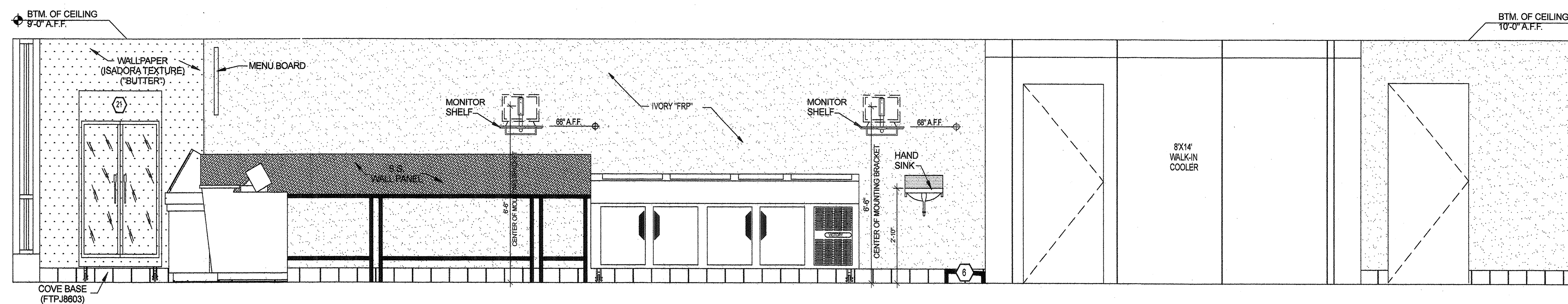
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INTERIOR ELEVATION

SCALE: 3/8" = 1'-0"

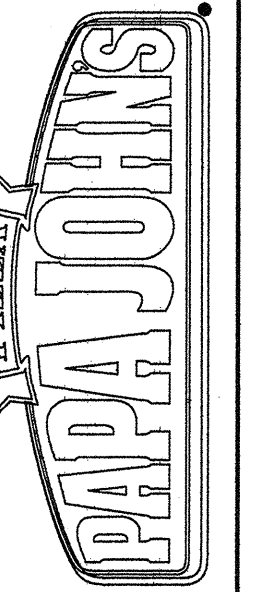
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INTERIOR ELEVATION

SCALE: 3/8" = 1'-0"

1

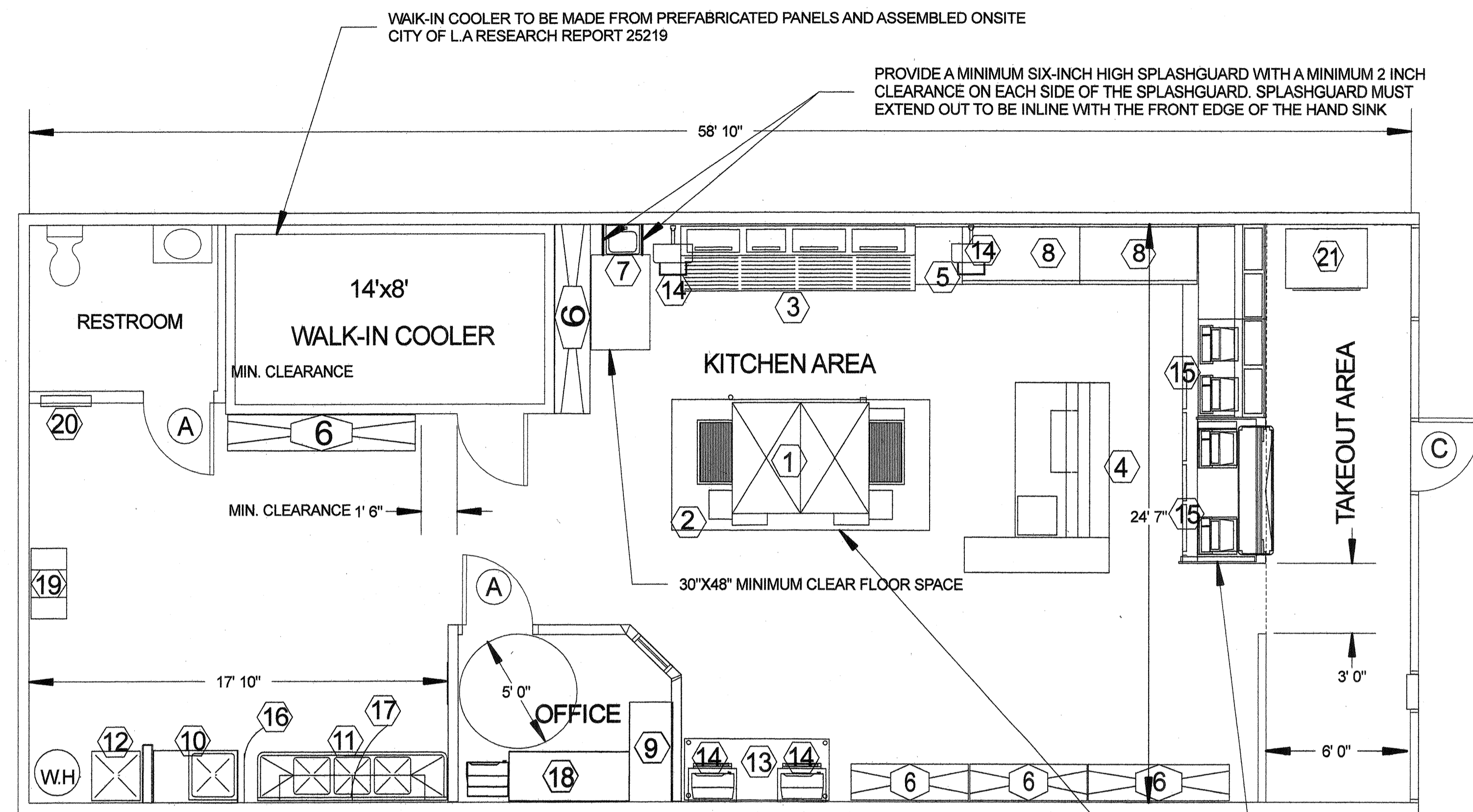


PAPA JOHN'S
 3316 BRISTOL STREET
 SANTA ANA, CA 92704

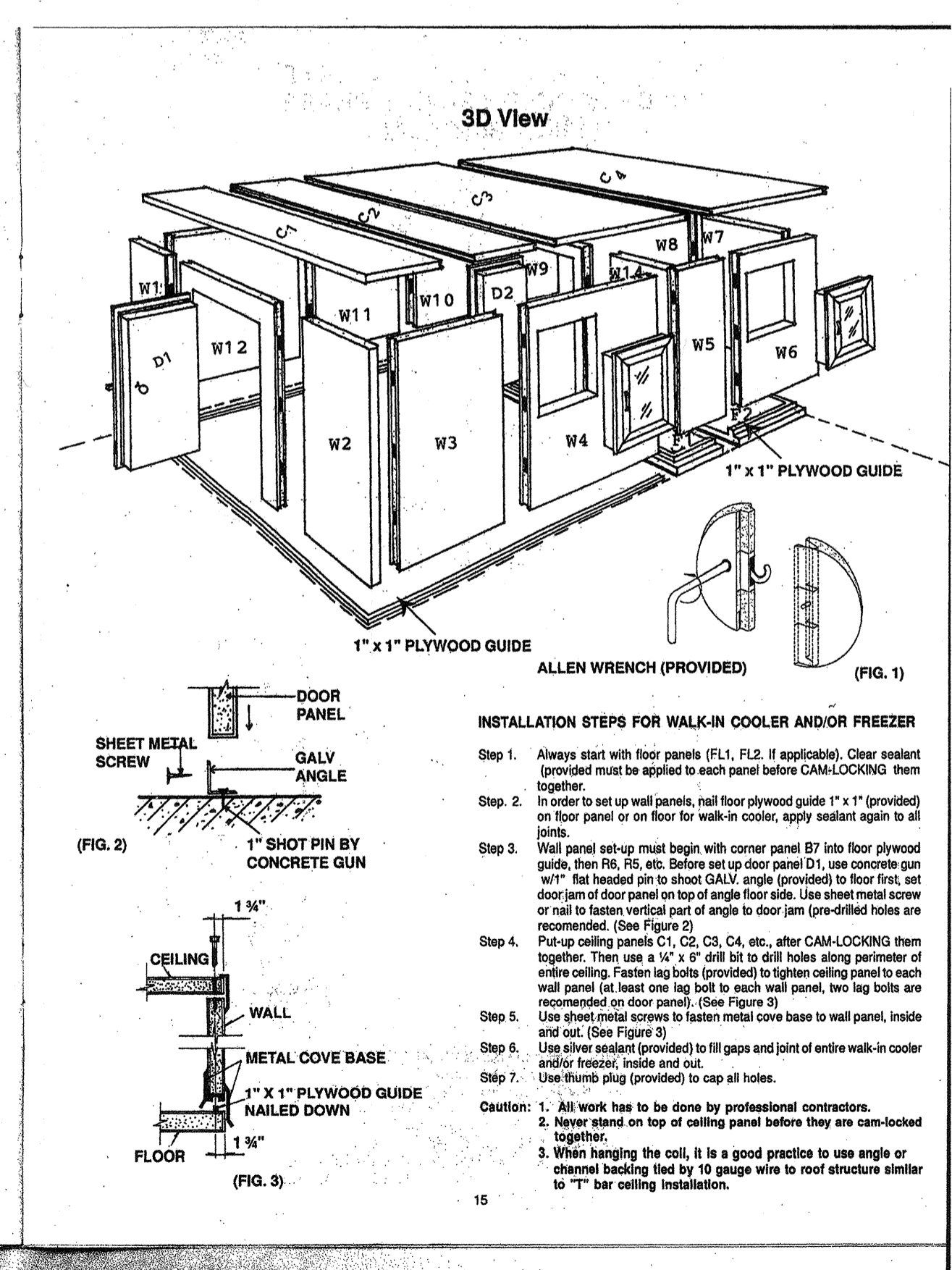
INTERIOR ELEVATIONS

SCALE 3/8" = 1'
 DECEMBER 12, 2011

A-4



EQUIPMENT SCHEDULE	
1	PIZZA OVEN BY MIDDLEBY MARSHALL MODEL PS570
2	OVEN HOOD BY CAPTIVEAIRE MODEL 7524 NDI
3	MAKELINE BY VICTORY
4	STAINLESS STEEL CUTTING TABLE
5	STAINLESS STEEL SAUCE TABLE
6	18" DEEP SHELVING UNITS (32 L.F. MINIMUM, 6 FT. HIGH)
7	HAND SINK
8	96/30 STAINLESS STEEL TABLE
9	PLASTIC LAMINATE DESK
10	VEGGIE SINK
11	THREE COMPARTMENT SINK
12	MOP SINK
13	96/30 STAINLESS STEEL TABLE
14	COMPUTER MONITOR SHELF
15	POINT OF SALE REGISTER
16	SPLASH GUARD MINIMUM SIX INCHES HIGH
17	18/48 WIRE SHELVES WITH BRACKETS
18	OFFICE CABINET
19	EMPLOYEE LOCKERS 12/18/36 (6 UNITS)
20	ELECTRICAL PANEL
21	CAN BEVERAGE COOLER



PLAN REVIEW APPROVAL
ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH DIVISION

DATE: 01-27-12
PLAN NO: 20120465

THESE PLANS AND SPECIFICATIONS HAVE BEEN REVIEWED AND CORRECTIONS, CHANGES, COMMENTS ARE INDICATED ON THE PLANS AND ATTACHED LETTER

THIS APPROVAL DOES NOT CONSTITUTE AUTHORITY TO VIOLATE ANY PROVISIONS OF THE RELATED CODES, ORDINANCES, OR REGULATIONS NOR DOES IT PREVENT FURTHER CORRECTION OF ERRORS FOUND ON THE PLANS OR INSTALLATION UPON FIELD INSPECTION. ANY ALTERATIONS OR CHANGES IN CONSTRUCTION FROM THESE PLANS MUST HAVE PRIOR APPROVAL BY THIS AGENCY. A COPY OF THESE PLANS MUST BE KEPT ON THE JOB SITE AT ALL TIMES. REFER TO THE LOCAL BLDG. DEPT. FOR PLAN APPROVAL AND PERMITS PRIOR TO CONSTRUCTION

THIS APPROVAL IS VALID FOR 12 MONTHS FROM THE APPROVAL DATE

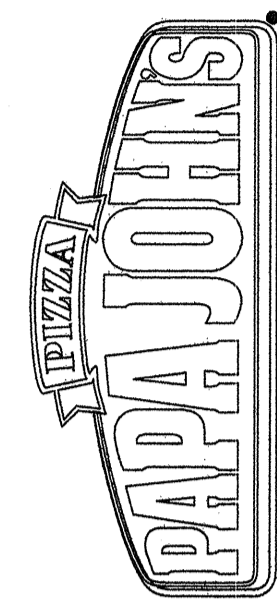
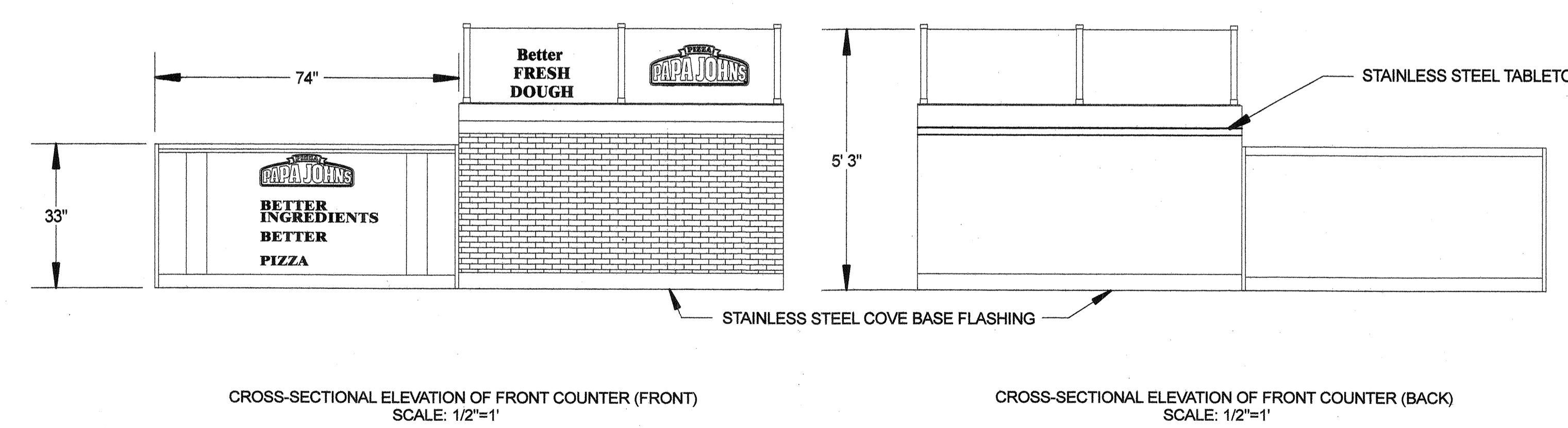
REMARKS:

NOTICE
ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH DIVISION INSPECTIONS
PRELIMINARY AND FINAL INSPECTIONS ARE REQUIRED DURING THE CONSTRUCTION OF THE FOOD FACILITY.

INSPECTIONS ARE TO BE ARRANGED AT LEAST 2 WORKING DAYS IN ADVANCE.

ACCESSIBLE COUNTER (CHECK STAND) SHALL BE AT LEAST 36" LONG AND NO MORE THAN 28" TO 34" FROM THE FLOOR (SECTION 1122B.4). ACCESSIBLE CHECK STAND SHALL HAVE A CLEAR CHECKOUT AISLE WIDTH OF 36" WITH A MAXIMUM ADJOINING COUNTER HEIGHT NOT EXCEEDING 38" A.F.F. STAND SHALL ALWAYS BE OPEN TO CUSTOMERS WITH DISABILITIES AND SHALL BE IDENTIFIED BY A SIGN CLEARLY VISIBLE TO THOSE IN WHEELCHAIRS. THE SIGN SHALL DISPLAY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN WHITE ON BLUE BACKGROUND AND SHALL STATE "THIS STAND TO BE OPEN AT ALL TIMES FOR CUSTOMERS WITH DISABILITIES".

TYPE I HOOD VERTICAL OVERHEAD CLEARANCE 6' 8"
SEE SHEET A-3 FOR RATED SHAFT DETAIL.



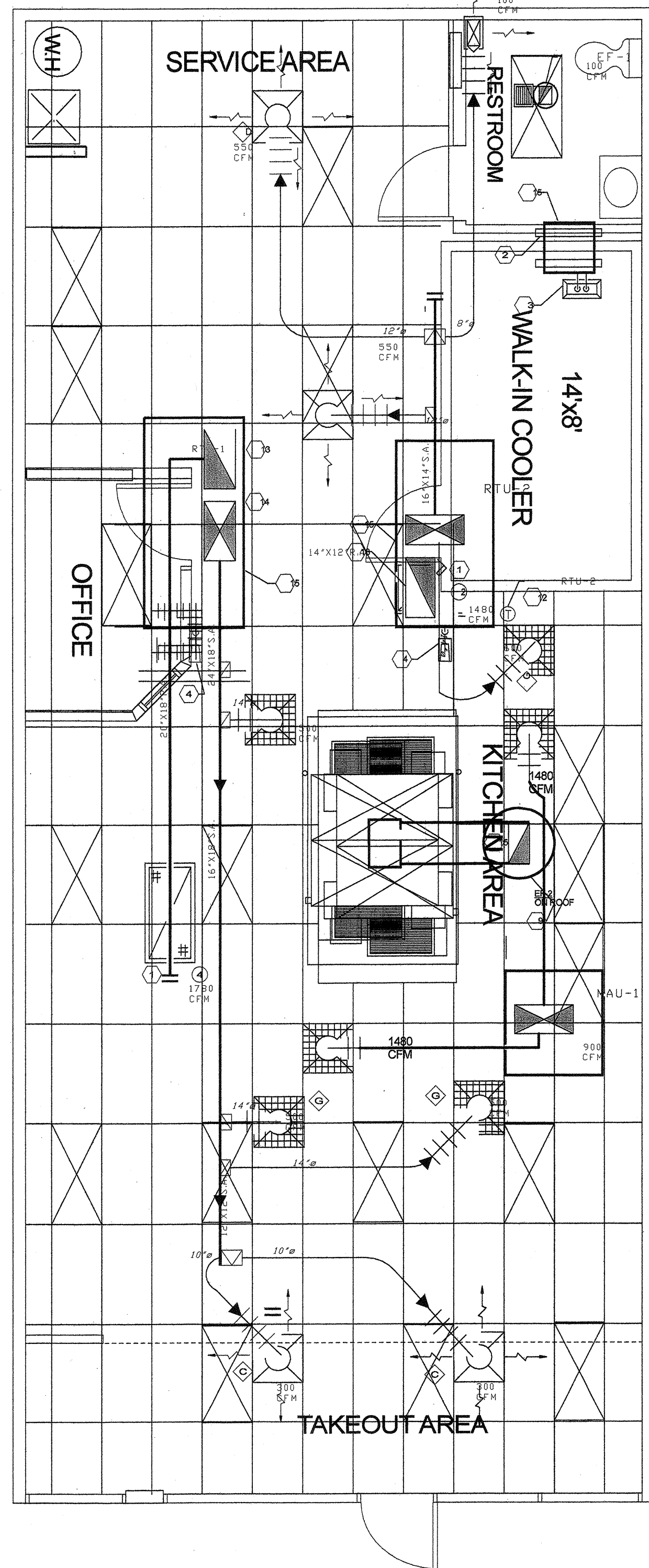
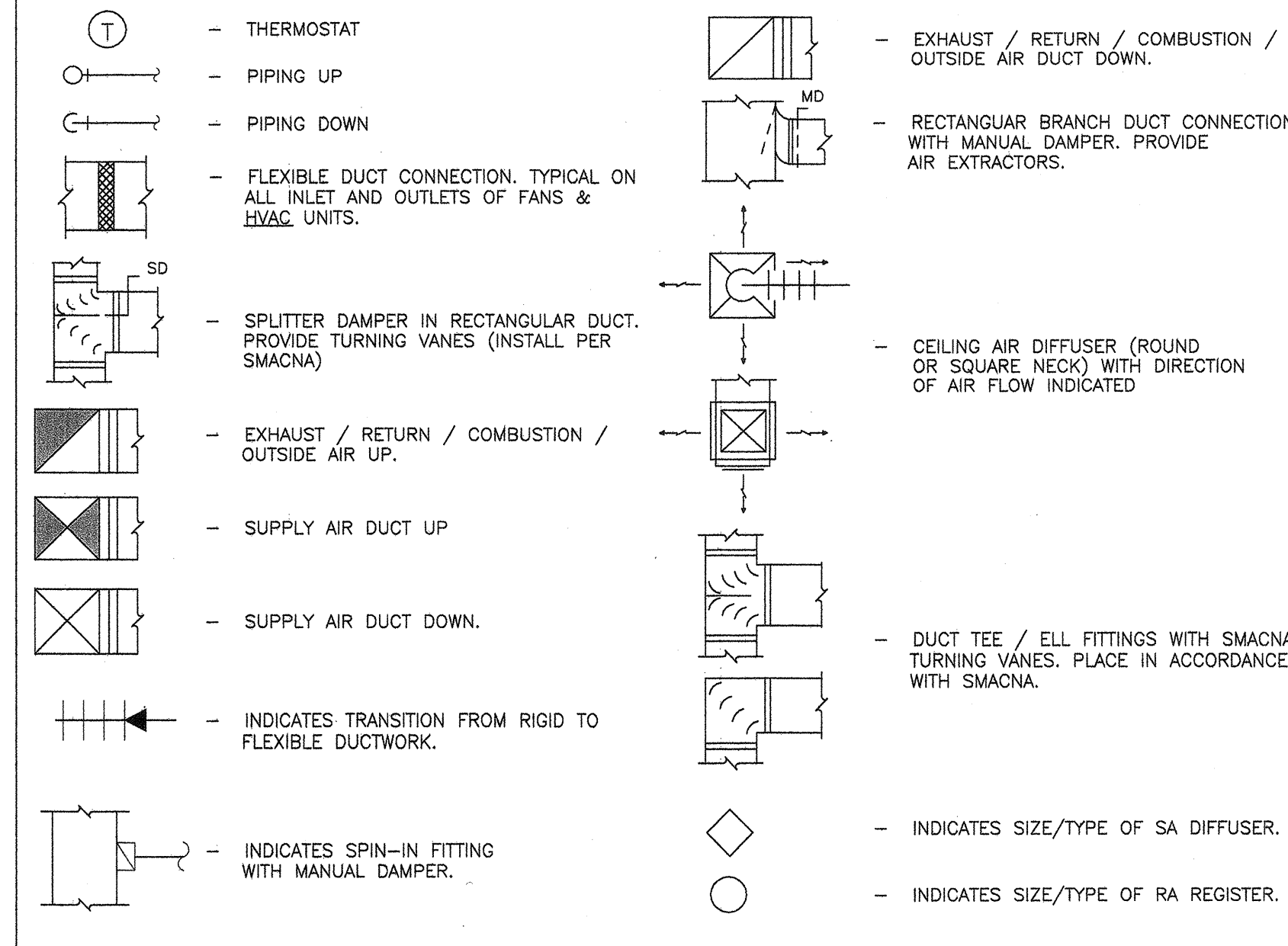
PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

EQUIPMENT PLAN

SCALE 1/4"=1'
JANUARY 20, 2011

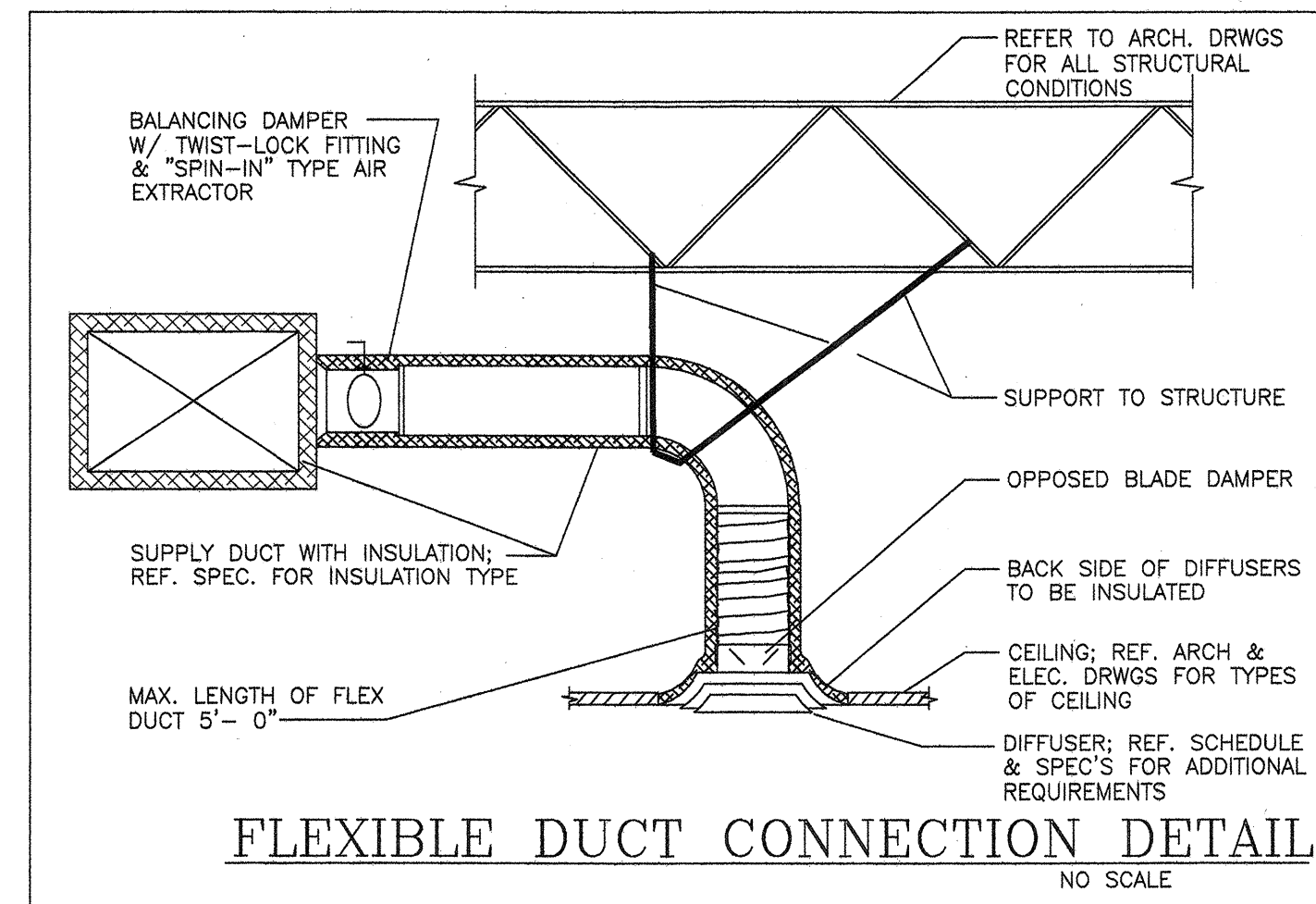
A-5

H.V.A.C. SYMBOLS LEGEND



H.V.A.C. PLAN
SCALE: 1/4" = 1'-0"

EXHAUST FAN SCHEDULE							
MARK	MFR.	MODEL	SERVICE	CFM	S.P.	HP	VOLTAGE
EF - 1	GREENHECK	SP-218	TOILET EXHAUST	100	0.25"	1/6	115V / 1Ø / 4.4A
EF - 2	GREENHECK	CUBE 180	OVEN EXHAUST	3500	0.75"	3/4	115V / 1Ø / 13.0A
AD-1	MARS	NH-V-36	AIR DOOR	1900			115V/1Ø/60/4000W



FLEXIBLE DUCT CONNECTION DETAIL
NO SCALE

H.V.A.C. GENERAL NOTES :

- HVAC UNITS TO HAVE MANUAL OUTSIDE AIR DAMPER
- ALL SUPPLY, RETURN DUCTS AND OUTSIDE AIR DUCTS INSIDE BUILDING SHALL BE INSULATED EXTERNALLY WITH 1" THICK FIBERGLASS WITH A DENSITY OF 1.5 POUNDS PER CUBIC FOOT AND BE COMPLETE WITH VAPOR BARRIER JACKET. ALL DUCT INSULATION, TAPE COVERINGS, AND FLEXIBLE CONNECTORS SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPED RATING OF 50 OR LESS IN ACCORDANCE WITH ASTM E84. ALL SA/RA/OA DUCT INSULATION SHALL HAVE A MINIMUM "R" VALUE EQUAL OR GREATER THAN "R-6".
- ALL FLEXIBLE DUCTS SHALL BE METAL FLEX CLASS 1 TYPE 600 AIR DUCT AND SHALL BE U.L. LISTED AND HAVE 1" THICK FIBERGLASS INSULATION ENCASED IN A VAPOR BARRIER OF SEAMLESS, NON-COMBUSTIBLE, CO-POLYMER PLASTIC.
- ALL FLEXIBLE DUCTS SHALL BE CONNECTED TO TRUNK OR BRANCH DUCTS WITH A MINIMUM OF THREE SHEET METAL SCREWS AT EACH CONNECTION AND BE TAPED TO PROVIDE AN AIR TIGHT SEAL. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 9'-0". REFER TO DETAIL.
- FLEXIBLE DUCT HANGER STRIPS SHALL BE MINIMUM 2" WIDE BY 22 GAUGE GALVANIZED METAL.
- ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT PUBLISHED SMACNA STANDARDS FOR LOW VELOCITY, LOW-PRESSURE DUCTS.
- ALL CONTROL WIRING SHALL BE FURNISHED AND INSTALLED BY H.V.A.C. CONTRACTOR.
- THERMOSTATS SHALL BE HONEYWELL T-7300/Q7300 B1008 OR EQUAL WITH SHIELDED CABLE. ALL THERMOSTATS AND LOW VOLTAGE WIRING SHALL BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.
- ROOF MOUNTED EXHAUST AND SUPPLY FANS SHALL BE FURNISHED WITH BIRD SCREENS, DISCONNECT SWITCHES AND HINGED BASE ON EXHAUST FAN.
- WATER HEATER VENT SHALL BE CLASS "B". PROVIDE PROTECTION OF ADJACENT COMBUSTIBLE MATERIALS TO MEET STATE AND LOCAL CODES. HOLD WATER HEATER VENT A MINIMUM OF 10'-0" FROM OUTSIDE AIR INTAKE ON H.V.A.C. UNITS.
- H.V.A.C. CONTRACTOR SHALL INSTALL EXHAUST FAN AND FURNISH AND INSTALL COMPLETE EXHAUST DUCT SYSTEM. DUCTS SHALL BE INSULATED WITH MINERAL WOOL AND COVERED WITH 20 GA. STAINLESS STEEL COVER WHERE EXPOSED. EXHAUST DUCTWORK SHALL BE CONSTRUCTED OF 20 GAUGE SHEET METAL.
- PAPA JOHN'S EQUIPMENT SYSTEMS TO FURNISH SUPPLY FAN AND CURB. MECHANICAL CONTRACTOR TO INSTALL SUPPLY FAN, CURB AND DUCT SYSTEM COMPLETE.
- PROVIDE NEOPRENE FLEXIBLE CONNECTIONS AT SUPPLY AND RETURN DUCT CONNECTIONS ON H.V.A.C. UNITS.
- H.V.A.C. CONTRACTOR SHALL BALANCE H.V.A.C. SYSTEM TO AIR QUANTITIES INDICATED. PROVIDE TYPED WRITTEN REPORT TO OWNER UPON COMPLETION.
- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID TO VERIFY ALL EXISTING CONDITIONS.
- CONTRACTOR SHALL FIELD VERIFY DUCT CLEARANCE/SPACE FOR ROUTING DUCTS. PRIOR TO SUBMITTING BID, CONTRACTOR MAY ALTER DUCT SIZING TO ACCOMMODATE CLEARANCES ABOVE CEILINGS, BUT MUST MAINTAIN SAME EFFECTIVE DUCT AREA.
- ALL WORK SHALL BE FURNISHED AND INSTALLED TO COMPLY WITH ALL STATE AND LOCAL CODES.
- M.C. SHALL PROVIDE ALL REQUIRED DUCT TRANSITIONS FROM PIZZA OVEN HOOD CONNECTIONS TO SUPPLY AIR AND EXHAUST AIR DUCT SIZES INDICATED.
- MECHANICAL CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO GENERAL CONTRACTOR PRIOR TO FINAL PAYMENT.
- SMOKE DETECTORS FOR FAN SHUT-DOWN WHERE REQUIRED BY MECHANICAL CODE SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS.
- ALL ROOF MOUNTED HVAC EQUIPMENT INCLUDING COOLER CONDENSING UNITS SHALL BE HELD A MINIMUM OF 10'-0" FROM THE EDGE OF ROOF.
- ALL HOOD AND HOOD EXHAUST DUCT SUPPORTS AND HANGERS TO BE SECURED BY NON-COMBUSTIBLE SUPPORTS AND INSTALLED PER SMACNA STANDARDS AND NFPA 96.
- TYPE 1 HOOD EXHAUST DUCT SHALL BE MINIMUM OF 16 GAUGE AND TYPE 2 HOOD EXHAUST DUCT SHALL BE MINIMUM OF 24 GAUGE WELDED CARBON STEEL PER SMACNA STANDARDS.
- SHEET METAL SA/RA/OA/EA DUCTWORK SHALL COMPLY WITH THE FOLLOWING GAUGES:

DIMENSION OF LONGEST SIDE	DUCT DIAMETER	SHEET METAL GAUGES
THRU 12"	0"-12"	26
13" TO 30"	13" TO 18"	24
- ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS, AND CONNECTIONS IN DUCTWORK MUST BE SECURELY SEALED USING WELDMENTS, MECHANICAL FASTENERS WITH SEALS, GASKETS, OR MASTICS; MESH AND MASTIC SEALING SYSTEMS; OR TAPES, TAPES AND MASTICS MUST BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 181B.
- MECHANICAL FASTENERS AND SEALS, MASTICS, OR GASKETS MUST BE USED WHEN CONNECTING DUCTS TO FANS OR OTHER AIR DISTRIBUTION EQUIPMENT, INCLUDING MULTIPLE-ZONE.
- OPERATION AND MAINTENANCE DOCUMENTATION MUST BE PROVIDED TO THE OWNER THAT INCLUDES AT LEAST THE FOLLOWING INFORMATION: a) EQUIPMENT CAPACITY (INPUT AND OUTPUT) AND REQUIRED MAINTENANCE ACTIONS, b) EQUIPMENT OPERATION AND MAINTENANCE MANUALS, c) HVAC SYSTEM CONTROL MAINTENANCE AND CALIBRATION INFORMATION, INCLUDING WIRING DIAGRAMS, SCHEMATICS, AND CONTROL DRAWINGS, AT CONTROL DEVICES, OR, FOR DIGITAL CONTROL SYSTEMS, IN PROGRAMMING COMMENTS, d) COMPLETE NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE.
- EACH SUPPLY AIR OUTLET OR DIFFUSER MUST HAVE ITS OWN BALANCING DEVICE. ACCEPTABLE BALANCING DEVICES INCLUDE ADJUSTABLE DAMPERS LOCATED WITHIN THE DUCTWORK, TERMINAL DEVICES, AND SUPPLY AIR DIFFUSERS.

NOTE:
CONTRACTOR CAN USE FLEXIBLE DUCT THROUGHOUT

RETURN / SUPPLY AIR DIFFUSER SCHEDULE

ITEM	MFR.	TYPE	MODEL	SIZE	NECK SIZE
Ⓐ	TITUS	SUPPLY	300RL	10" X 6"	REF. DRAWING
Ⓑ	TITUS	SUPPLY	TMS	24" X 24"	8"
Ⓒ	TITUS	SUPPLY	TMS	24" X 24"	10"
Ⓓ	TITUS	SUPPLY	TMS	24" X 24"	12"
Ⓔ	TITUS	SUPPLY	PAS-AA	24" X 24"	14"
Ⓕ	TITUS	SUPPLY	250	16" X 12"	REF. DRAWING
Ⓖ	TITUS	SUPPLY	PAS-AA	24" X 24"	REF. DRAWING
①	TITUS	RETURN	50F-A	12" X 12"	-
②	TITUS	RETURN	50F-A	24" X 24"	-
③	TITUS	RETURN	50F-A	24" X 36"	-
④	TITUS	RETURN	50F-A	24" X 48"	-

- NOTE :**
- DIFFUSERS SHALL HAVE OPPOSED BLADE DAMPERS.
 - DIFFUSERS SHALL FIT 2" X 24" LAY IN CEILING GRID.
 - DIFFUSERS SHALL BE LOUVER FACE TYPE, WITH BAKED ENAMEL FINISH EXCEPT FOR PERFORATED DIFFUSERS IN KITCHEN AREA.
 - DIFFUSERS/GRILLES SHALL BE EQUAL TO ANEMOSTAT, CARNES, METALARE, TITUS
 - RA GRILLES TO BE ALUMINUM, EGG-CRATE TYPE, 1/2 X 1/2" SPACING WITH WHITE FINISH.

NOTE :

- H.V.A.C. KEY NOTES
- R.A. AT RTU TO SHEET METAL R.A. PLENUM, (TYPICAL OF RTU-1 AND RTU-2.)
 - PROVIDE RETURN AIR FILTER GRILLES IN CEILING; PROVIDE DUCT TRANSITION FROM
 - CONDENSING UNIT ON ROOF FOR WALK-IN COOLER. UNIT TO BE MOUNTED ON 4"x4" PRESSURE TREATED EQUIPMENT RAILS; RAILS BY M.C.; REFER TO DETAIL THIS SHEET.
 - EXTEND REFRIGERANT LINES DOWN THRU PIPE CURB AND CONNECT TO COOLER EVAPORATOR. PIPE CURB BY M.C.; REFER TO DETAIL THIS SHEET.
 - CONDENSATE DRAIN LINE TO FLOOR SINK.
 - 8"x6" EXHAUST DUCT UP THRU 12" HIGH ROOF CURB TO EXHAUST DISCHARGE HOOD.
 - 4" HWH VENT (TYPE "B") FROM HWH THRU ROOF TO WEATHERPROOF CAP.
 - 18"x10" E.A. DUCT UP TO EF-2 ON ROOF. HOLD 10'-0" FROM O.A. INTAKES.
 - 18"x18" S.A. DUCT FROM SUPPLY FAN ON ROOF.
 - DASHED LINE INDICATES EXHAUST FAN/SUPPLY FAN ON ROOF. REF. DRWG M-2 FOR ADDITIONAL INFORMATION.
 - INTAKE TO BE A MINIMUM OF 10'-0" FROM EXHAUST.
 - THE EXHAUST OUTLET SHALL ALWAYS BE LOCATED AT THE REAR OF THE HOOD AND THE SUPPLY AIR INLET SHALL BE LOCATED AT THE SIDES OF THE HOOD. THE SUPPLY FAN SHALL BE ROTATED ON THE ROOF AS REQUIRED TO ACCOMMODATE THIS. CONTRACTOR SHALL PROVIDE OFFSETS IN THE SUPPLY AIR DUCT WHERE REQUIRED.
 - MECHANICAL CONTRACTOR SHALL COORDINATE THERMOSTAT MOUNTING LOCATION WITH CONTRACTOR INSTALLING EQUIPMENT IN THIS AREA. THERMOSTAT SHALL NOT BE LOCATED NEAR EQUIPMENT WHICH PRODUCES HEAT OR HUMIDITY, TYPICAL FOR ALL.
 - O.A. INTAKE HOOD ON ROOFTOP UNIT. INTAKE HOOD SHALL BE A MINIMUM OF 10'-0" FROM ANY EXHAUST, GAS OR PLUMBING VENT.
 - CONTRACTOR SHALL INSTALL ALL CONDENSATE DRAIN LINE CONNECTIONS FOR WALK-IN COOLER AND DROP IN "COLD PACK" REFRIGERATION UNIT. CONTRACTOR SHALL INSTALL COMPRESSOR AND EVAPORATOR AND MAKE FINAL CONNECTIONS.
 - ALL ROOF MOUNTED HVAC EQUIPMENT INCLUDING COOLER CONDENSING UNITS SHALL BE HELD A MINIMUM OF 10'-0" FROM THE EDGE OF ROOF, UNLESS BUILDING HAS 42" PARAPET WALL OR 42" GUARD RAILS. M.C. SHALL PROVIDE GUARD RAILS AROUND EQUIPMENT IF ABOVE CONDITIONS ARE NOT MET.

ROOFTOP H.V.A.C. UNIT SCHEDULE

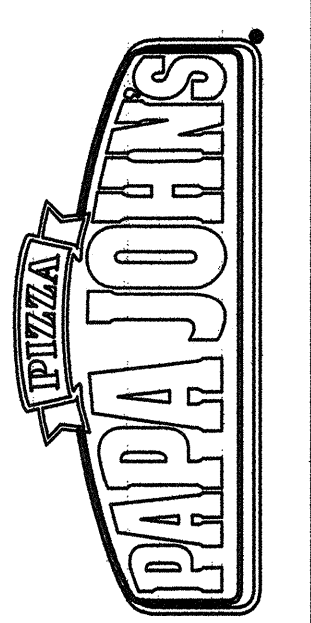
MANUFACTURER	RTU1 (EXISTING)	RTU2	MUA-1
CARRIER			ARCTIC CIRCLE ED-830
MODEL NO.	50JZ036		
BTUH INPUT (HEAT)	125,000		
BTUH OUTPUT (HEAT)	100,000		
TOTAL COOLING CAPACITY	85,000		
SENSIBLE COOLING CAPACITY	66,300		
LINE VOLTAGE	208/3Ø/60	120V/1Ø/60	
FAN CAPACITY	1600 CFM ESP	3010 CFM @ 5" S.P.	
RETURN AIR CFM			
OUTSIDE AIR CFM	320 CFM		
E.S.P.	.5"		
WEIGHT	320LBS	260 LBS	

AIR BALANCE SCHEDULE

ITEM	O.A.	R.A.	S.A.	E.A.	PRESSURE
RTU-1	320			---+320	+320
RTU-2	320			---	+2960
MUA-1	3010			---	-100
EF - 1				---	-3500
EF - 2				---	-3500
TOTALS				-3600	0

DE JONG AIR CONDITIONING & HEATING
25772 PARK AVE
SAN JUAN CAPISTRANO, CA 92675
LICENSE #: 625188 CLASS: C-20

SIGNATURE: _____

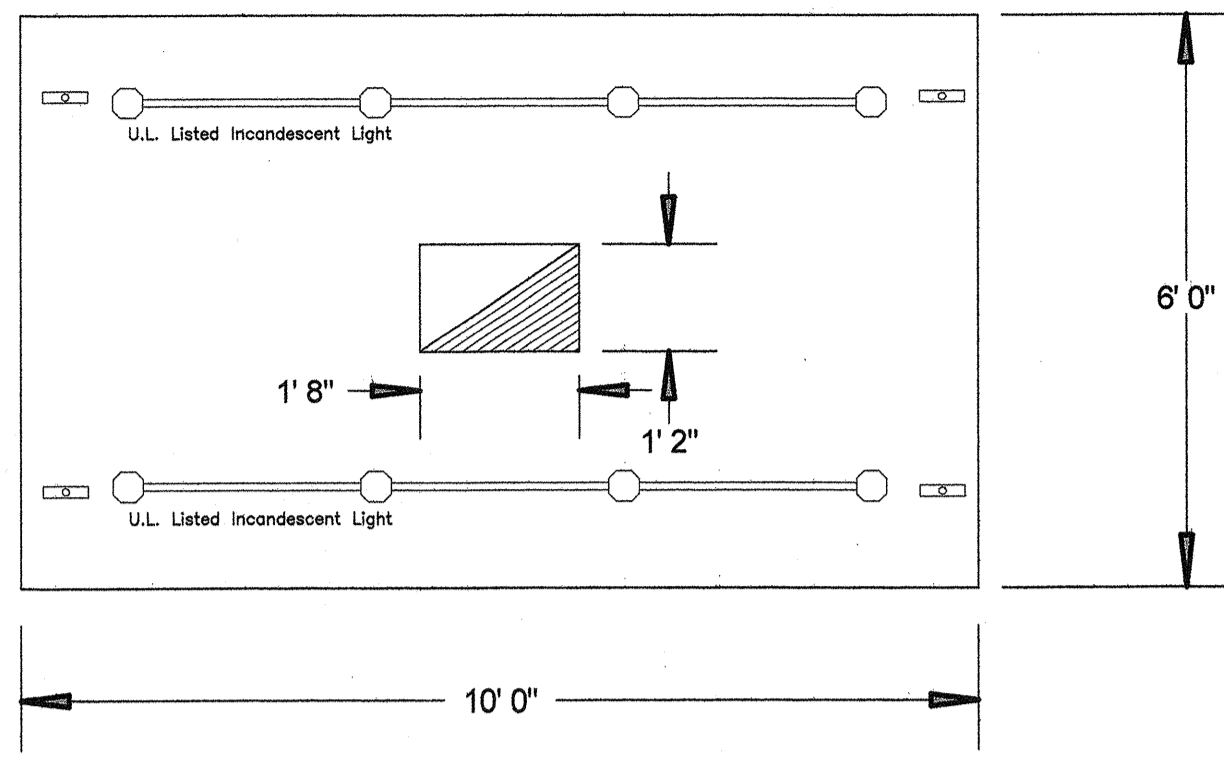


PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

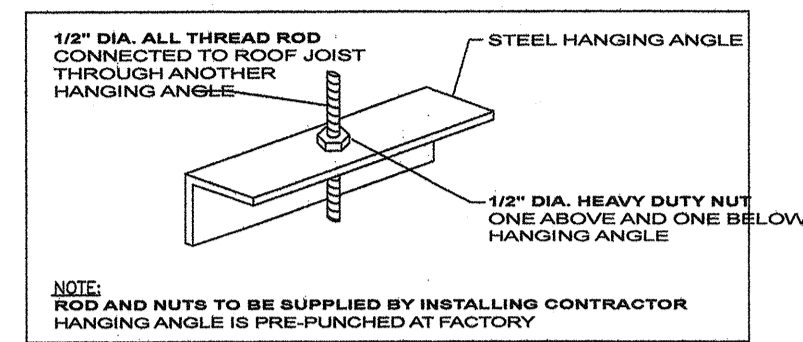
HVAC PLAN

SCALE 1/4" = 1'
OCTOBER 15, 2011

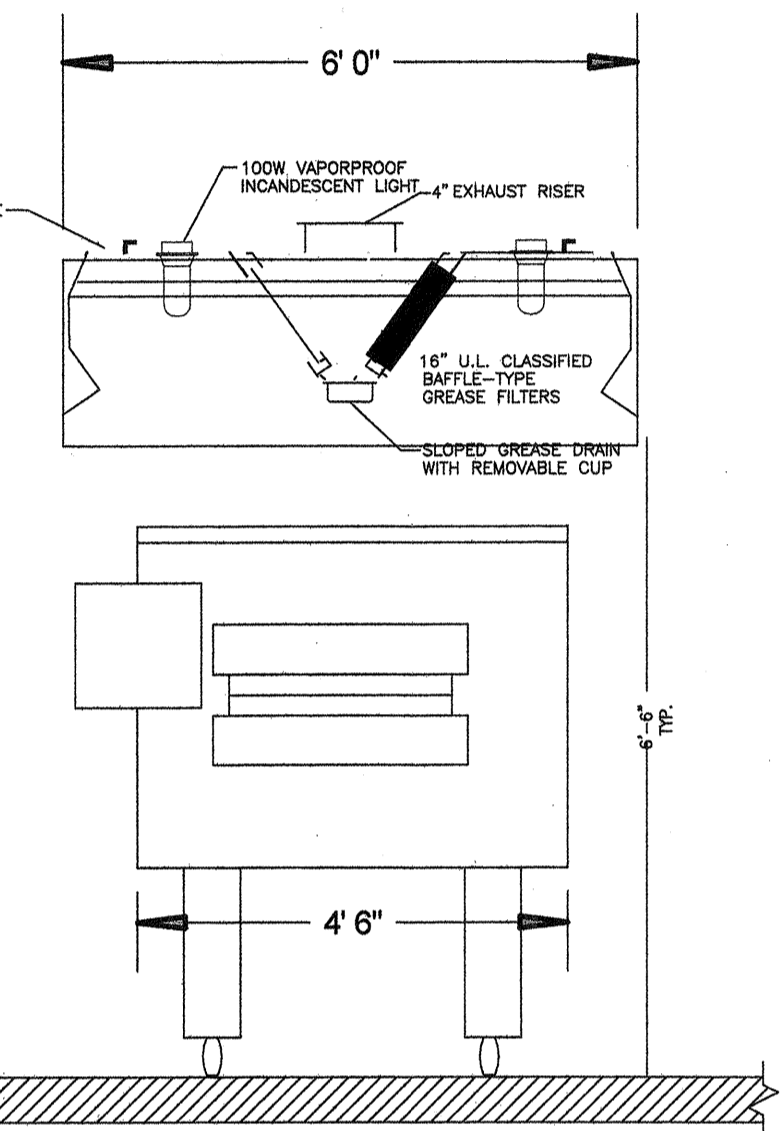
M-1



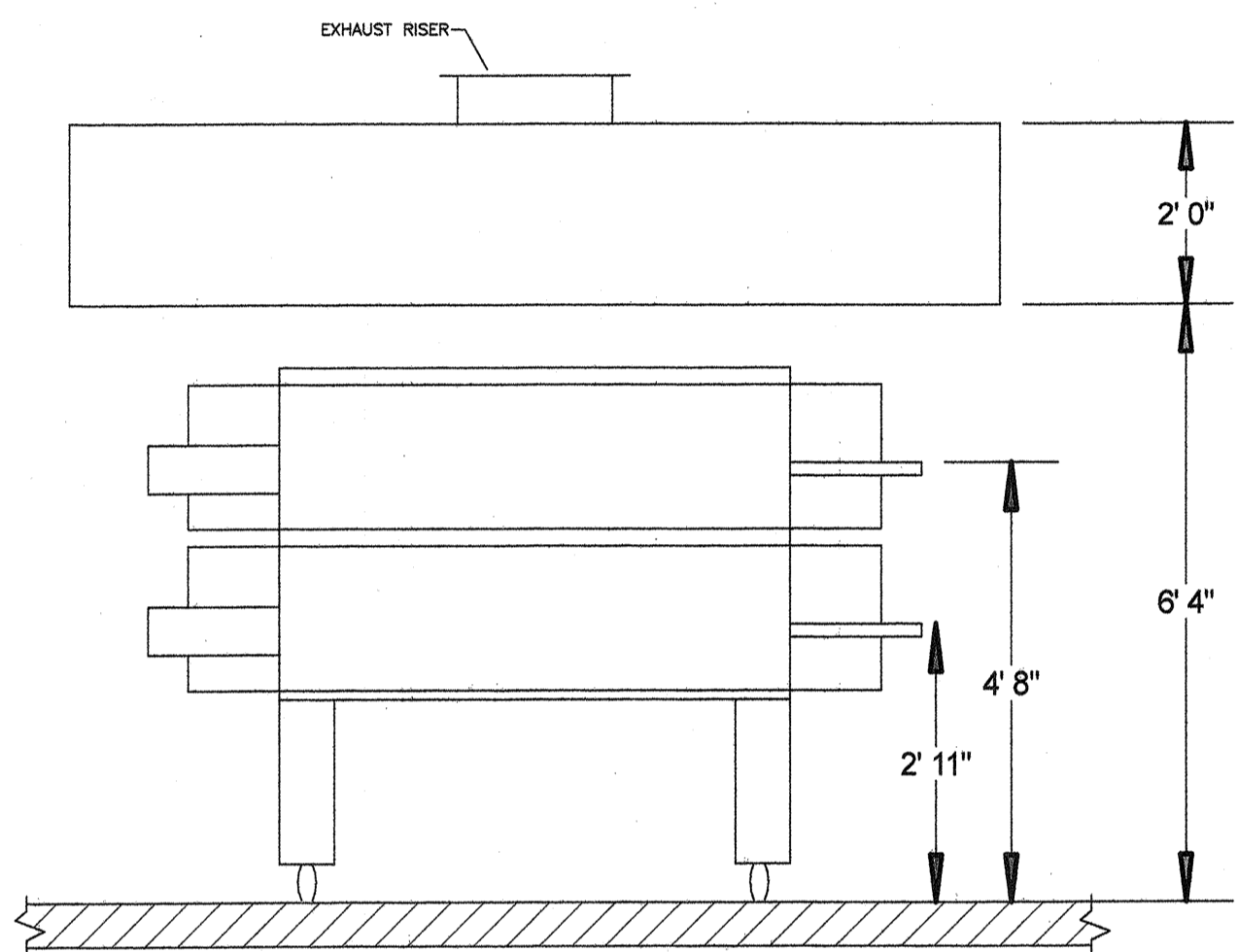
PLAN VIEW



HANGING ANGLE DETAIL



OVEN SECTION



OVEN ELEVATION

MANUFACTURER: CAPTIVEAIRE
ETL AND NSF LISTED HOOD
DUCT SIZING BASED ON 1500 FPM

HOOD INFORMATION

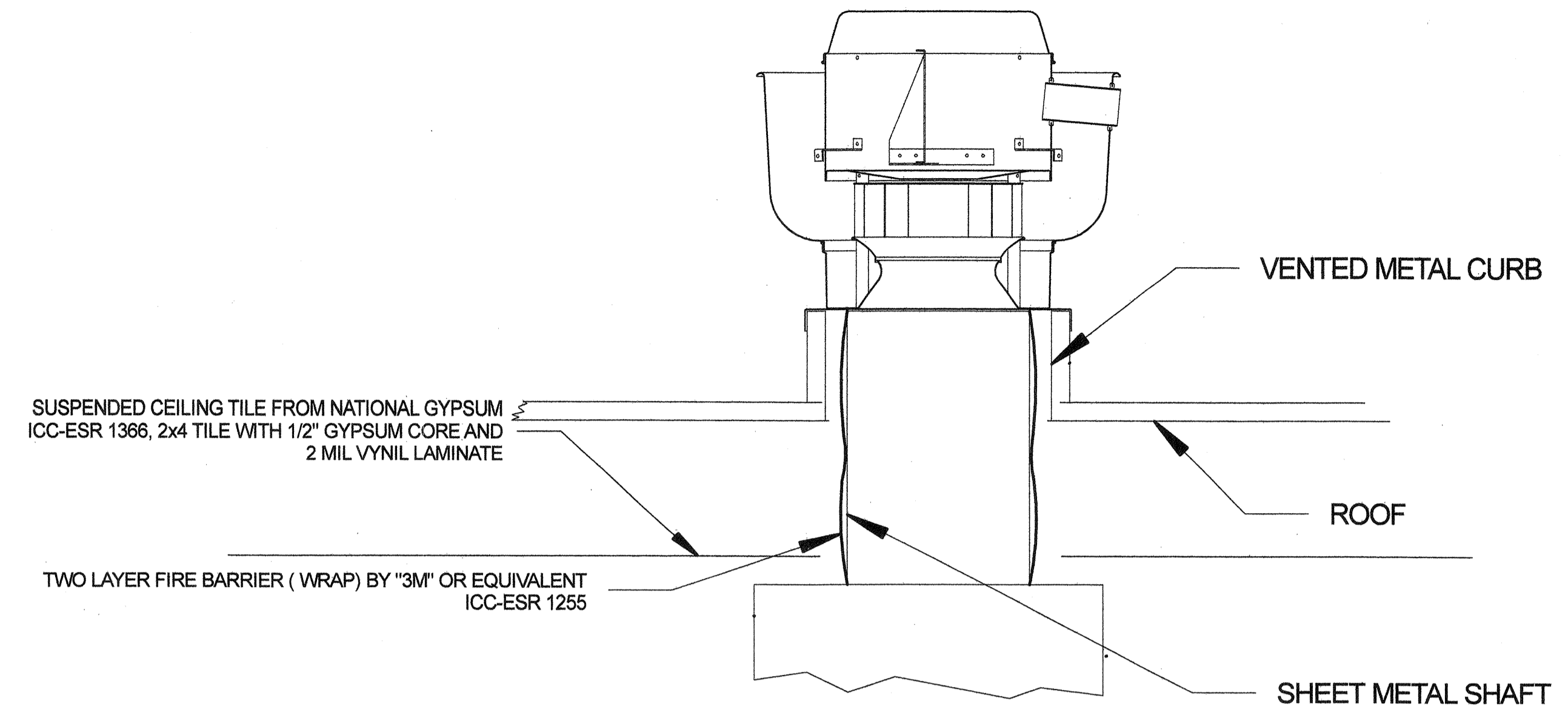
HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM					SUPPLY PLENUM					HOOD CONSTRUCTION	HOOD CONFIG.	
				TOTAL EXH. CFM	WIDTH	LENG.	DIA.	CFM	S.P.	TOTAL SUPP. CFM	WIDTH	LENG.	DIA.		CFM	S.P.
1	7524NDI	10' - 00"	400 DEG	3500	14"	20"		3500	0.527"					430 SS WHERE EXPOSED	ALONE	FRONT

HOOD INFORMATION

HOOD NO.	TYPE	FILTER(S)			LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD WEIGHT	
		QTY	HEIGHT	LENGTH	QTY	TYPE	WIRE GUARD	LOCATION	FIRE SYSTEM TYPE	ELECTRICAL SIZE	SWITCHES MODEL #			QUANTITY
1	SS BAFFLE W/HANDLES	12	18"	20"	6	INCANDESCENT LIGHT	NO						YES	449 LBS

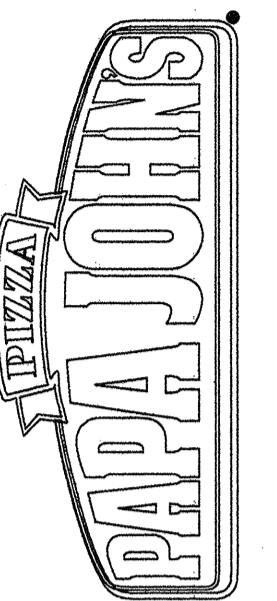
SEE SHEET A-3 FOR HANGING DETAILS

TYPE I HOOD



2 HR GREASE HOOD SHAFT

SCALE: N.T.S.



PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

HOD DETAILS

DE JONG AIR CONDITIONING & HEATING
25772 PARK AVE
SAN JUAN CAPISTRANO, CA 92675
LICENSE #: 625188 CLASS: C-20

SIGNATURE: _____

OCTOBER 15, 2011

M-2

GENERAL NOTES

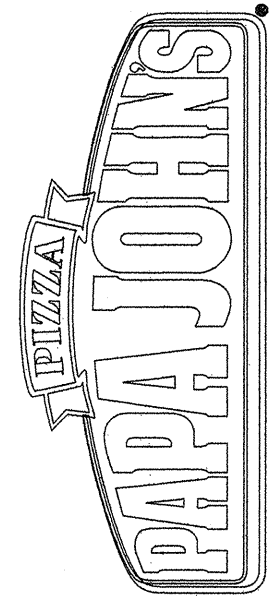
- CONTRACTOR SHALL APPLY FOR ALL PERMITS AND INSPECTION WORKS AND MATERIALS SHALL BE IN FULL COMPLIANCE WITH THE LATEST AND MOST STRINGENT APPLICABLE CODE OR REGULATION.
- ELECTRICAL CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR ANY ADDITIONAL COSTS FOR MATERIAL OR LABOR TO COMPLY WITH THESE CODES OR REGULATIONS.
 - ELECTRICAL CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITION OF THE PREMISES ON WHICH THE WORK IS PERFORMED AND FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE CONTRACT.
 - EQUIPMENT AND MATERIALS SHALL BE LISTED, LABELED AND INSTALLED PER RECOGNIZED ELECTRICAL TESTING LABORATORY.
 - WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER.
 - DESIGN DRAWINGS ARE DIAGRAMMATIC ONLY AND SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION CONDITIONS WILL PERMIT.
 - NOTHING ON THE DESIGN DRAWINGS SHALL BE DEEMED AS TO VIOLATE THE LATEST AND MOST STRINGENT APPLICABLE CODES OR REGULATIONS.
 - ANY ERROR, OMISSION OR DESIGN DISCREPANCY ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ELECTRICAL DESIGNER FOR CLARIFICATION OR CORRECTION BEFORE CONSTRUCTION.
 - OPENINGS AROUND ELECTRICAL PENETRATIONS THRU FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS AS DETERMINED BY CODE OR REGULATION.
 - PROVIDE INDICATES ITEM TO BE FURNISHED, INSTALLED AND CONNECTED.
 - GROUNDING SHALL BE IN FULL COMPLIANCE WITH NATIONAL ELECTRICAL CODE. INCOMING SERVICE SHALL BE PER UTILITY GROUNDING COMPANY REQUIREMENTS & NEC-ART.#250, SECT. G&H.
 - UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC WITH SCHEDULE 80 PVC BENDS AND STEEL RISERS. ALL UNDERGROUND PVC CONDUITS SHALL CONTAIN A GROUND CONDUCTOR, AND SHALL BE SIZED PER CODE REQUIREMENT.
 - PANELS SHALL BE PANELBOARD WITH BOLT-ON TYPE CIRCUIT BREAKERS, UNLESS NOTED AS LOAD CENTERS, WHICH ARE PLUG-IN TYPE BREAKERS.
 - FUSED DISCONNECTS SHALL BE FUSED PER NAMEPLATE UNLESS NOTED OTHERWISE.
 - CONTRACTOR SHALL SUBMIT CATALOG CUTS OF MAIN SWITCH BOARDS BEFORE PLACING ORDERS AND PURCHASE.
 - CONDUCTORS SHALL BE COPPER TYPE THW, THWN, XHHW, 600V INSULATION UNLESS NOTED OTHERWISE.
 - WIRING DEVICES SHALL BE SPECIFICATION GRADE.
 - CONDUIT SHALL COMPLY WITH THE REQUIREMENTS OF UNDERWRITERS LABORATORIES. CONDUIT SHALL BE RIGID GALVANIZED STEEL ABOVE GROUND, OR IN WET LOCATION, CONDUIT SHALL BE SUPPORTED ACCORDING TO CODE. ALL EMPTY CONDUITS SHALL INCLUDE PULL WIRE.
 - FLEXIBLE CONDUIT SHALL BE USED FOR FINAL CONNECTION TO MOTORS AND OTHER VIBRATING EQUIPMENT. EXPANSION COUPLINGS SHALL BE USED AT BUILDING EXPANSION JOINTS.
 - NON METALLIC BUSHINGS OR INSULATED METALLIC BUSHINGS SHALL BE PROVIDED FOR ALL CONDUIT TERMINATIONS
 - CONTRACTOR SHALL COORDINATE AND VERIFY MECHANICAL EQUIPMENT CONTROL AND WIRING REQUIREMENTS WITH MECHANICAL CONTRACTOR BEFORE CONSTRUCTION.
 - LIGHTING FIXTURES ARE AS SPECIFIED OR APPROVED EQUAL CATALOG CUT SHEETS OF SUBSTITUTIONS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE CONSTRUCTION.
 - PROVIDE ILLUMINATED EXIT SIGNS AS REQUIRED WITH SELF CONTAINED EMERGENCY BATTERY PACK AS ACCEPTED BY FIRE MARSHAL.
 - OUTSIDE BUILDING SECURITY AND PARKING LOT LIGHTING SHALL BE CONTROLLED BY TIME SWITCH, OR TIME SWITCH CONTROLLED CONTRACTOR. TIME SWITCH SHALL BE TORK #7000 SERIES OR EQUAL 24-HOUR, 7-DAY ASTROL DIAL, DAY OMITTING DEVICE.
 - IT IS THE INTENTION OF THE PLANS AND SPECIFICATIONS TO COVER ALL THINGS REQUIRED TO MAKE A COMPLETE AND OPERATIVE SYSTEM. CONTRACTOR SHALL FURNISH ALL LABOR MATERIALS, EQUIPMENT, OR MISCELLANEOUS SERVICE REQUIRED TO ACCOMPLISH THIS RESULT.
 - ELECTRICAL CONTRACTOR SHALL BID THE PROJECT AS INDICATED AND SPECIFIED ON THE DRAWINGS. WHEN SUBSTITUTING MATERIALS OR EQUIPMENT THE ELECTRICAL CONTRACTOR SHALL SUBMIT CATALOG CUT SHEETS AND AN AMOUNT FOR THE SUBSTITUTION FOR APPROVAL TO ARCHITECT AND ELECTRICAL ENGINEER ON RECORD.
 - ELECTRICAL CONTRACTOR SHALL CONTACT SERVING UTILITY COMPANIES FOR APPROVED ENGINEERING DRAWINGS BEFORE CONSTRUCTION.
 - NOTES AND SCHEDULES LISTED ON OTHER DRAWINGS WITH REFERENCE TO ELECTRICAL CONTRACTOR OR ELECTRICIAN SHALL BE INCLUDED IN THIS CONTRACT.
 - ELECTRICAL WORK NOTED ON HVAC AND PLUMBING DRAWINGS SHALL BE INCLUDED THIS SECTION.
 - SUBMIT 6 COPIES OF SHOP DRAWINGS FOR APPROVAL WITHIN 35 DAYS OF AWARD OF CONTRACT. CONTRACTOR SHALL VERIFY DIMENSIONS OF EQUIPMENT AND MAKE SURE THEY COMPLY WITH ALL APPLICABLE CODE REQUIREMENTS RELATING TO CLEAR WORKING SPACE AROUND EQUIPMENT PRIOR TO SUBMITTING SHOP DRAWINGS.
 - SUBMIT 6 COPIES OF MATERIAL LIST FOR APPROVAL WITHIN 35 DAYS OF AWARD OF THE CONTRACT. THE RIGHT IS RESERVED BY THE OWNER TO REQUEST ANY SAMPLES OF FURNISHED MATERIAL IF DEEMED NECESSARY.
 - CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS IN THE FIELD BEFORE BID AND INFORM THE ENGINEER OF ANY DISCREPANCIES.
 - BEFORE FINAL ACCEPTANCE OF WORK CONTRACTOR SHALL INSURE THAT ALL EQUIPMENT ARE INSTALLED CORRECTLY AND FUNCTIONING PROPERLY BY PERFORMING REQUIRED FIELD TESTS.
 - "OR EQUAL" MEANS EQUIVALENT OR SUPERIOR IN PERFORMANCE, MATERIALS, WORKMANSHIP AND APPEARANCE TO THE SPECIFIED EQUIPMENT.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRANSFORMERS AND/OR BALLASTS REQUIRED TO OPERATE ALL LAMPS, INCLUDING REMOTE BALLASTS AND/OR TRANSFORMERS AND THE ENCLOSURES FOR SAME. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF COMPATIBILITY BETWEEN LAMPS, BALLAST AND/OR TRANSFORMERS AND OTHER CONTROL DEVICES SPECIFIED. NOTIFY ARCHITECT OF ANY INCOMPATIBILITY PRIOR TO ORDERING EQUIPMENT.
 - ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL LIGHTING EQUIPMENT AND CONTROL DEVICES, PRIOR TO ORDERING LIGHTING EQUIPMENT.
 - EQUIPMENT SPECIFIED HAS BEEN CAREFULLY SELECTED TO MEET THE NEEDS OF THE PROJECT. SUBSTITUTING EQUIPMENT WILL BE CONSIDERED ONLY IF A COMPLETE SUBSTITUTION SUBMITTAL IS RECEIVED BY THE ARCHITECT WITHIN A REASONABLE TIME FRAME.
 - LIGHTING SUBMITTALS SHALL INCLUDE PHYSICAL DIMENSIONS, PHOTOMETRICS, SPECIFIC LAMP TYPE AND MOUNTING DETAILS.
 - COORDINATE EXACT LOCATIONS AND MOUNTING REQUIREMENTS OF ALL LIGHTING EQUIPMENT WITH ARCHITECT.
 - REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND OTHER ARCHITECTURAL DRAWINGS AS REQUIRED FOR COORDINATION OF LIGHTING WITH MECHANICAL, STRUCTURAL, PLUMBING AND OTHER DISCIPLINES.
 - DESIGN DETAILS SHOWN ON THE DRAWINGS ARE FOR REFERENCE ONLY AND ARE NOT FOR CONSTRUCTION UNLESS SPECIFICALLY NOTED "FOR CONSTRUCTION". REFER TO ARCHITECTURAL DETAILS FOR COORDINATION, CONSTRUCTION DETAILS, DIMENSIONS AND MOUNTING CONDITIONS.
 - FINAL AIMING OF ALL ADJUSTABLE LIGHTING EQUIPMENT SHALL BE DONE BY THE ELECTRICAL CONTRACTOR AS DIRECTED BY AND UNDER THE SUPERVISION OF THE LIGHTING CONSULTANT UNLESS NOTED TO THE CONTRARY.
 - PROVIDE LAMPS BY SYLVANIA, GENERAL ELECTRIC OR PHILIPS UNLESS SPECIFIED OR SHOWN OTHERWISE ON DRAWINGS.
 - FLUORESCENT LAMPS AND COMPACT FLUORESCENT LAMPS TO BE 3000K COLOR, UNLESS NOTED OTHERWISE.
 - UNLESS NOTED TO THE CONTRARY PROVIDE WHITE CEILING TRIMS FOR ALL RECESSED LUMINAIRES.
 - FLUORESCENT BALLASTS SHALL BE OF THE ELECTRONIC TYPE, WHERE THAT OPTION IS AVAILABLE OR THE "LOW ENERGY" TYPE (ADVANCE MARK III OR EQUAL). ALL COMPACT FLUORESCENT BALLAST SHALL BE HIGH POWER FACTOR, WHERE THAT OPTION IS AVAILABLE.
 - COMPONENTS SHOWN ON THE RISER DIAGRAMS, BUT NOT ON THE PLAN OR VICE VERSA, SHALL BE INCLUDED AS IF SHOWN ON BOTH.
 - EXACT LOCATION OF HVAC AND PLUMBING EQUIPMENT THAT REQUIRE ELECTRICAL CONNECTIONS ARE SHOWN ON THE MECHANICAL DRAWINGS.
 - RACEWAYS RUNNING THROUGH BUILDING EXPANSION JOINTS SHALL BE EQUIPPED WITH EXPANSION FITTINGS.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL PANEL LOCATIONS WITH OTHER EQUIPMENT IN ORDER TO MAKE SURE THE PANELS ARE MOUNTED WITH ENOUGH CLEARANCE IN FRONT AND STAY CLEAR FROM ADJACENT EQUIPMENT BEFORE ROUGH-IN. NOTIFY ARCHITECT/ENGINEER OF ANY PROBLEM BEFORE INSTALLATION (2010 C.E.C. 110.26).
 - IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VERIFY THE TELEPHONE SERVICE ENTRANCE REQUIREMENTS WITH THE SERVING TELEPHONE UTILITY COMPANY AND THE TELEPHONE SYSTEM DISTRIBUTION REQUIREMENTS WITH THE TELEPHONE SYSTEM VENDOR.
 - PROVIDE 4'-0" x 8'-0" x 3/4" TELEPHONE TERMINAL BACKBOARD. COORDINATE REQUIREMENTS WITH TELEPHONE CO.
 - PROVIDE UNDERGROUND EMPTY DUCT FOR TELEPHONE CABLE. CHECK WITH TELEPHONE CO. FOR EXACT ROUTE, P.O.C. AND OTHER REQUIREMENTS.
 - OUTLETS SHALL COMPLY WITH ADA REQUIREMENT, MIN. 15" A.F.F. UNLESS NOTED OTHERWISE.
 - SWITCHES SHALL BE MOUNTED AT ±36" - 48" A.F.F.

LEGEND

SYMBOLS	DESCRIPTION
	NIGHT LIGHT FIXTURE
	EXIT LIGHT, WALL OR CEILING MOUNTED WITH DIRECTIONAL ARROWS AS INDICATED ON PLANS.
	INCANDESCENT FIXTURE WITH WALL MOUNTED BRACKET.
	INCANDESCENT FIXTURE RECESSED/SURFACE OR PENDANT LIGHT FIXTURE.
	FLUORESCENT FIXTURE STRIP OR PENDANT INDUSTRIAL TYPE.
	EMERGENCY LIGHT, DUALITE DL-2, MOUNTED AT 7'-6"
	LIGHTING FIXTURE TYPE DESIGNATION.
	TOGGLE SWITCH, 20A-125V, FLUSH MOUNT AT +48" OR AS NOTED. SUBSCRIPT AT SYMBOL INDICATES THE FOLLOWING: 2 - DOUBLE POLE K - KEY t - MANUAL TIME SWITCH 3 - THREE WAY P - PILOT LIGHT 4 - FOUR WAY A, B, C, D, FIXTURES CONTROLLED & QUANTITY OF SWITCHES.
	DUPLEX RECEPTACLE: 20A-125V-2P, 3-WIRE GROUNDING TYPE.
	DUPLEX RECEPTACLE: 20A-125V-2P, 3-WIRE GROUND FAULT INTERRUPTION TYPE.
	QUADPLEX RECEPTACLE: 20A-125V-2P, 3-WIRE GROUND FAULT INTERRUPTION TYPE.
	DUPLEX RECEPTACLE: 20A-125V-2P, 3-WIRE GROUNDING TYPE WITH "2" DENOTES CIRCUIT NUMBER.
	DUPLEX RECEPTACLE: 20A-125V-2P, 3-WIRE GROUNDING TYPE WITH WEATHERPROOF COVER.
	RECEPTACLE: 20A-220V-2P, 3-WIRE GROUNDING TYPE.
	CEILING MOUNTED RECEPTACLE: 20A-125V-2P, 3-WIRE GROUNDING TYPE. HEIGHT AT STRUCTURE OR CEILING, COORDINATE EXACT LOCATION WITH ARCHITECT.
	FLOOR FLUSH MOUNTED RECEPTACLE: 20A-125V-2P, 3-WIRE GROUNDING TYPE (PROMOTIONAL).
	DUPLEX OR QUADPLEX RECEPTACLE: 20A-125V-2P, 3-WIRE + ISOLATED GROUNDING TYPE.
	DISCONNECT SWITCH WITH FUSED AS NOTED
	DISCONNECT SWITCH, NON-FUSED
	MOTOR, NUMERAL INDICATES HORSEPOWER RATING.
	FRACTIONAL HORSEPOWER MOTOR 1/4 HORSEPOWER OR SMALLER.
	MAGNETIC MOTOR STARTER.
	MAGNETIC MOTOR STARTER WITH DISCONNECT SWITCH.
	ELECTRIC UNIT HEATER.
	CONTROL PANEL.
	HORSE POWER.
	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION.
	JUNCTION AND/OR PULL BOX (SIZE PER N.E.C.).
	JUNCTION AND/OR PULL BOX WITH FLEX.
	THERMOSTAT.
	MD: MAIN DISTRIBUTION PANEL
	LIGHTING AND APPLIANCE PANEL
	M.S.B. MAIN SERVICE SWITCHBOARD
	METER.
	DRY TYPE TRANSFORMER. "T3" DENOTES TYPE REFER TO "DRY TYPE TRANSFORMER SCHEDULE" FOR TYPE DESCRIPTIONS.
	CONDUIT RUN CONCEALED BELOW FLOOR OR GRADE
	CONDUIT RUN EXPOSED
	CONDUIT RUN CONCEALED ABOVE CEILING OR WALLS
	EMPTY CONDUIT BANK FOR POWER. REFER TO PLANS FOR ROUTING AND SIZING.
	CONDUIT ONLY CONCEALED IN EQUIPMENT BY EQUIPMENT CONTRACTOR. WIRING TO BE DONE BY ELECTRICAL CONTRACTOR.
	HOME RUN TO PANEL "A", CIRCUIT #1,3,5 (VIA 20A:1-POLE C/B'S) TICKS INDICATE QUANTITY OF #12AWG. (CU.) CONDUCTORS OR NOTED OTHERWISE. GROUNDING CONDUCTORS NOT INDICATED QUANTITY OF CONDUCTORS. REFER TO SPECIFICATIONS FOR GROUNDING CONDUCTOR REQUIREMENTS.
	CONDUIT STUB-UP
	CONDUIT STUB-DOWN
	CONDUIT ONLY
	TELEPHONE CONDUIT 3/4" MINIMUM
	TELEPHONE OUTLET, MODEM, COMPUTER DATA WITH 3/4" CONDUIT TO ABOVE CEILING.
	WALL MOUNTED TELEPHONE OUTLET; PUBLIC TELEPHONE OUTLET FOR PAY STATION; PUBLIC TELEPHONE OUTLET FOR HANDICAPPED.
	PLYWOOD BACKBOARD FOR MAIN TELEPHONE TERMINATION
	MOTION SENSOR WALL MOUNTED

ABBREVIATIONS

SYMBOL	DESCRIPTION
A	AMPERES
AFB	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ARCH	ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GUARD
BLDG	BUILDING
C	CONDUIT - RACEWAY
CKT	CIRCUIT
CL	CENTER LINE
COL	COLUMN
CU	COPPER
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EM	EMERGENCY
EWC	ELECTRIC WATER COOLER
F	FUSE
FA	FIRE ALARM
FT	FEET
G	GROUND OR GROUNDING
GRSC	GALVANIZED RIGID STEEL CONDUIT
KVA	KILOVOLT AMPERES
KW	KILOWATTS
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCM	THOUSAND CIRCULAR MILS
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MCP	MOTOR CIRCUIT PROTECTOR
NC	NORMAL CLOSED
NO	NORMAL OPEN
NEC	NATIONAL ELECTRICAL CODE - NFPA 70
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
P	POLES
POS	PROVIDED UNDER OTHER SECTIONS
PNL	PANEL OR PANELBOARD
PWR	POWER
R	EXISTING TO BE RETAINED
RL	EXISTING TO BE RELOCATED
RM	EXISTING TO BE REMOVED
RSC	RIGID STEEL CONDUIT
RTU	ROOF TOP UNIT
SP	SPARE
SW	SWITCH
TEL	TELEPHONE
UG	UNDERGROUND
V	VOLT
W	WIRE
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER
W/	WITH
U.N.D.	UNLESS NOTED OTHERWISE
P.O.C.	POINT OF CONNECTION

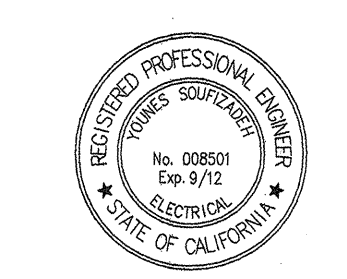


PAPA JOHNS
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GENERAL NOTES

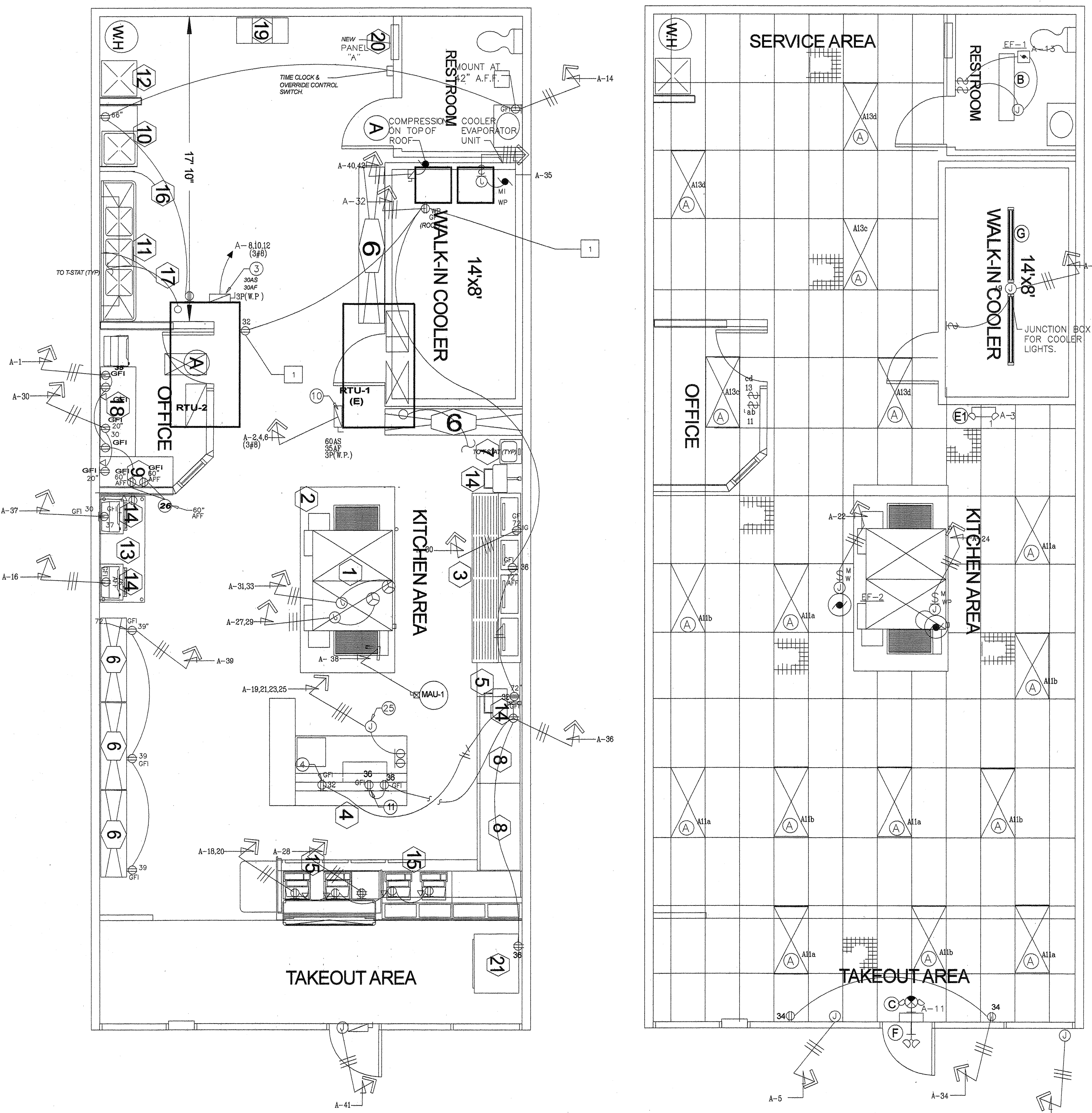
SCALE 1/4"=1'
OCTOBER 15, 2011

E-1



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NOTE:
ALL CONDUIT PENETRATING
COOLER WALLS SHALL BE
PROVIDED WITH CONDUIT
SEALS.



ELECTRICAL NOTES
1 W.P. (GFS) OUTLET ON ROOF AT 425'-0"
FROM THE ROOF EQUIPMENT PER NEC 250.

ELECTRICAL SHEET NOTES:

- 2P 30AMP 240V, NEMA 3R FUSIBLE DISCONNECT SWITCH FOR CONNECTION TO COOLER COMPRESSOR, FUSE PER UNIT NAME PLATE.
- JUNCTION BOX WITH MOTOR RATED TOGGLE SWITCH IN WEATHER PROOF ENCLOSURE, FOR CONNECTION TO EVAPORATOR UNIT.
- 3P 30AMP 240V, NEMA 3R FUSIBLE DISCONNECT SWITCH FOR CONNECTION TO ROOF TOP UNIT, FUSE PER UNIT NAME PLATE.
- ONE (1) TWIST-LOCK OUTLET IN CEILING WITH TWIST-LOCK STRAIN-RELIEF DROP CORD TERMINATING 12" BELOW CUT-TABLE HEIGHT IN A SINGLE STANDARD SPRING GROUNDED OUTLET. OUTLET AND CORD SHALL BE PLACED AT THE SAME LOCATION AS THE OUTLETS FOR THE CUT-TABLE HEAT STRIPS.
- MOUNT RECEPTACLE JUST BELOW SHELF HEIGHT. REFER TO ARCHITECTS DRAWINGS FOR SHELF HEIGHT.
- MOUNT RECEPTACLE UNDER COUNTER TOP AS HIGH AS POSSIBLE.
- NEW THREE PHASE METER SOCKET.
- VERIFY WITH OWNER EXACT LOCATION AND MOUNTING HEIGHT OF EMERGENCY EGRESS LIGHTING ABOVE DOOR AND PLATE GLASS.
- ELECTRICAL CONTRACTOR SHALL INSTALL DUPLEX RECEPTACLE 6" BELOW LAY-IN CEILING AND 18" RADIUS MINIMUM FROM GAS-FIRED OVEN FOR CONNECTION TO CARBON MONOXIDE DETECTOR. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL DETECTOR.
- 3P 30AMP 240V, NEMA 3R FUSIBLE DISCONNECT SWITCH FOR CONNECTION TO ROOF TOP UNIT, FUSE PER UNIT NAME PLATE.
- ONE (1) TWIST-LOCK OUTLET IN CEILING WITH TWIST-LOCK STRAIN-RELIEF DROP CORD TERMINATING 12" BELOW CUT-TABLE HEIGHT. ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOX UNDER CUT-TABLE AND NEXT TO REFRIGERATION UNIT. FIELD VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
- MOUNT ON UNIT.
- TELEPHONE SYSTEM FURNISHED BY PHONE CONTRACTOR MOUNT ON 24" X 24" X 3/4" PLYWOOD BACKBOARD, BOTTOM OF BACKBOARD AT 72" A.F.F. BACKBOARD BY ELECTRICAL CONTRACTOR.
- HUBBELL #2413 AND HUBBELL #2411.
- (4) #12 AWG DROP CORDS TO PIZZA OVEN RECEPTACLE, CONNECTED TO JUNCTION BOX AT CEILING. DO NOT ROUTE THROUGH SUSPENDED CEILING TILE.
- ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOX BELOW SUSPENDED CEILING AND MAKE HARD WIRE CONNECTION TO TYPE 80 CORD DROP TO PIZZA OVEN RECEPTACLE. PROVIDE STRAIN RELIEF FOR CONNECTION AT JUNCTION BOX. FIELD VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
- JUNCTION BOX FOR CONNECTION TO AWNING LIGHTING. FIELD VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
- JUNCTION BOX FOR CONNECTION TO PAPA JOHN'S SIGN. FIELD VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
- START/STOP SWITCH WITH PILOT LIGHT FOR EF-2 AND SF-1. PROVIDE WIRING AS REQUIRED.
- DUPLEX RECEPTACLE INSTALLED FLUSH IN CEILING FOR WINDOW SIGNAGE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- DUPLEX RECEPTACLE INSTALLED FLUSH IN CEILING FOR CCTV MONITOR. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- TIME CLOCK FOR LIGHTS AND SIGNAGE SHALL BE FOUR POLE, 7-DAY TIMER WITH QUARTZ CARRY-OVER, PARAGON MODEL NO. 7007-00 OR EQUAL.
- DUCT MOUNTED SMOKE DETECTOR INTERLOCK WITH FAN MOTOR TO SHUT-OFF FAN WHEN IN ALARM. SUPPLY REMOTE TEST SWITCH AND INDICATOR. FIELD VERIFY MOUNTING LOCATION.
- SWITCH BANK FOR CONTROL OF INTERIOR LIGHT FIXTURES. ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOX BELOW SUSPENDED CEILING AND MAKE HARD WIRE CONNECTION TO TYPE 80 CORD DROP TO HEAT STRIP RECEPTACLE. PROVIDE STRAIN RELIEF FOR CONNECTION AT JUNCTION BOX. FIELD VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
- RECEPTACLE FOR CONNECTION TO HOTBAG.
- NEW TENANT SERVICE DISCONNECT SWITCH.
- PAPA JOHN'S NEW TENANT SPACE FEEDER.
- EXISTING ELECTRICAL SERVICE WIREWAY TO SERVE TENANT SPACES. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF BUILDING SERVICE WITH OWNER PRIOR TO ANY NECESSARY MODIFICATIONS TO TENANT TAP.
- PEDESTAL MOUNTED DUPLEX RECEPTACLE FOR CONNECTION TO PHOTO CASE LIGHTS. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT STUB-UP LOCATION FOR POWER CONNECTION PRIOR TO ROUGH-IN.

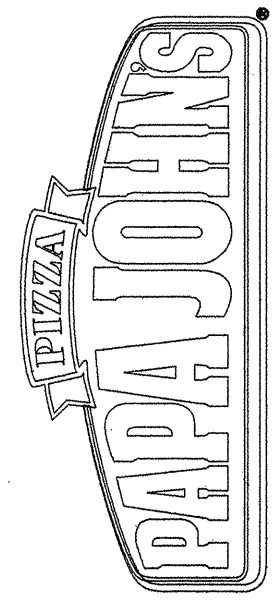
ALL HOTBAG RECEPTACLES ARE TO BE 20 AMP DUPLEX OUTLET USE HUBBELL #CR5362

EQUIPMENT SCHEDULE

1	PIZZA OVEN BY MIDDLEBY MARSHALL MODEL PS570
2	OVEN HOOD BY CAPTIVEAIRE MODEL 7524 NDI
3	MAKELINE BY VICTORY
4	STAINLESS STEEL CUTTING TABLE
5	STAINLESS STEEL SAUCE TABLE
6	18" DEEP SHEVING UNITS (32 L.F. MINIMUM)
7	HAND SINK
8	96/30 STAINLESS STEEL TABLE
9	PLASTIC LAMINATE DESK
10	VEGGIE SINK
11	THREE COMPARTMENT SINK
12	MOP SINK
13	96/30 STAINLESS STEEL TABLE
14	COMPUTER MONITOR SHELF
15	POINT OF SALE REGISTER
16	SPLASH GUARD
17	18/48 WIRE SHELVES WITH BRACKETS
18	OFFICE CABINET
19	EMPLOYEE LOCKERS 12/18/36 (6UNITS)
20	ELECTRICAL PANEL
21	CAN BEVERAGE COOLER

GENERAL NOTES:

- GENERAL REQUIREMENTS**
- ELECTRICAL CONTRACTOR SHALL COORDINATE FULLY WITH OTHER CONTRACTORS ASSOCIATED WITH THIS PROJECT TO VERIFY ALL EQUIPMENT LOCATIONS, CONNECTION REQUIREMENTS, ELEVATIONS AND LOCATIONS OF PIPES, CONDUITS AND DUCTS TO PREVENT CONFLICTS DURING CONSTRUCTION. ANY RELOCATION OR REROUTING OF EQUIPMENT, PIPES, CONDUITS, DUCTS OR MATERIALS RESULTING FROM A LACK OF COORDINATION BETWEEN CONTRACTORS WILL BE AT THE CONTRACTOR'S EXPENSE.
 - EQUIPMENT ROUGH-INS SHOWN ARE ACCURATE TO THE BEST OF DESIGNER'S KNOWLEDGE. HOWEVER, IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY SUBSTITUTE, OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE ELECTRICAL CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED DISCONNECT SWITCHES AND MOTOR STARTERS TO ALL EQUIPMENT.
 - ELECTRICAL CONTRACTOR SHALL REVIEW WITH OWNER AND SIGNAGE MANUFACTURER, REQUIREMENTS AND LOCATION OF BUILDING SIGNAGE PRIOR TO CONSTRUCTION AND PROVIDE 120VAC CONNECTION AS REQUIRED.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS AT JOB COMPLETION TO ARCHITECT.
 - ALL WORK SHALL BE INSTALLED PER ALL GOVERNING CODES.
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL OVEN PLUGS, HUBBELL PLUGS (TWIST LOCKS)/ RECEPTACLES COMPLETE. REFER TO INSTRUCTION MANUAL FOR DETAILS.
 - ALL LIGHTING AND SIGN CIRCUIT BREAKERS TO BE "SWITCH GRAB".
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL STARTERS FOR ROOF MOUNTED SUPPLY AND EXHAUST FANS (SF-1 AND EF-2) AND START-STOP SWITCH, BOTH SF-1 AND EF-2 SHALL RUN AND STOP TOGETHER AND ARE TO BE CONTROLLED FROM THE SAME SWITCH.
 - ALL JUNCTION BOXES INSTALLED ABOVE OR DIRECTLY BELOW THE SUSPENDED CEILING SHALL BE SUPPORTED IN ACCORDANCE WITH ARTICLE 314-23 OF THE 2002 NEC.
 - COMPUTER AND PHONE WIRING SHALL BE ROUTED IN 3/4" CONDUIT TO PHONE BOARD FROM DEVICE LOCATION.
 - ALL ISOLATED GROUND RECEPTACLE CIRCUITS SHALL BE EQUIPPED WITH INSULATED GROUND CONDUCTOR AND SEPARATE NEUTRAL WIRE.
 - NEUTRAL WIRES FOR ISOLATED GROUND CIRCUITS SHALL NOT BE SHARED WITH OTHER BRANCH CIRCUITS. PROVIDE SEPARATE NEUTRAL WIRE FOR EACH ISOLATED GROUND CIRCUIT.
 - ISOLATED GROUND CIRCUITS SHALL NOT BE ROUTED WITHIN SAME CONDUIT AS GENERAL BRANCH CIRCUIT WIRING. PROVIDE SEPARATE CONDUIT FOR SERVICE TO ISOLATED GROUND CIRCUITS.
 - ISOLATED GROUND RECEPTACLES SHALL UNDER NO CIRCUMSTANCE BE INSTALLED IN COMMON JUNCTION BOX WITH NON-ISOLATED GROUND TYPE RECEPTACLE.
 - ELECTRICAL CONTRACTOR SHALL USE THE PORCELAIN WIRE NUTS PROVIDED WITH THE HEAT STRIP UNITS. THE USE OF PLASTIC WIRE NUTS WILL VOID THE MANUFACTURER'S WARRANTY. ELECTRICAL CONTRACTOR SHALL USE 90 C WIRE FOR CONNECTION TO HEAT STRIP UNITS PER MANUFACTURER'S RECOMMENDATION.
 - USE CIRCUIT BREAKERS U.L. LISTED AS HACR TYPE FOR USE WITH HVAC AND REFRIGERATING EQUIPMENT HAVING MOTOR GROUP COMBINATIONS AND MARKED FOR USE WITH HACR TYPE CIRCUIT BREAKERS.
 - ELECTRICAL CONTRACTOR SHALL MAKE ALL REQUIRED ELECTRICAL CONNECTIONS FOR WALK-IN COOLER LIGHTING, WALK-IN COOLER REFRIGERATION UNIT AND CUT TABLE HEAT STRIP UNITS.
 - FLUORESCENT LAMPS IN FOOD PREP, COOK AND FOOD STORAGE AREAS SHALL BE PROVIDED WITH SHATTER PROTECTIVE COVERS. GENERAL ELECTRIC "COVERGUARD" LAMPS OR APPROVED EQUAL.
 - ALL EXIT SIGNS, EMERGENCY EGRESS LIGHTS AND NIGHT LIGHT FIXTURES SHALL BE CONNECTED TO THE BRANCH CIRCUITS INDICATED AHEAD OF RESPECTIVE CONTROL SWITCH, IN ORDER TO PROVIDE UNSWITCHED SOURCE TO FIXTURES.
- RACEWAY SYSTEMS**
- ALL BRANCH CIRCUIT WIRING SHALL BE ROUTED IN EMT, ELECTRICAL METALLIC TUBING, USE STEEL SET SCREW TYPE FITTINGS ON ALL EMT.
 - CONDUIT SHALL BE SUPPORTED AT INTERVALS PER NEC REQUIREMENTS AND SHALL BE SECURELY FASTENED TO BUILDING WITH AN APPROVED FASTENING SYSTEM.
- WIRING DEVICES, PLATES AND GROUNDING**
- ALL WIRING SHALL CONSIST OF COPPER CONDUCTORS WITH THERMOPLASTIC INSULATION RATED FOR SIX HUNDRED (600) VOLTS. ALL WIRING INSULATION SHALL BE HEAT AND MOISTURE RESISTANT TYPES THW, THWN, OR THHN FOR INTERNAL AND DRIVE LOCATIONS.
 - MINIMUM CONDUCTOR SIZE SHALL BE NO. 12 AWG FOR ALL POWER CIRCUITS (I.E. RECEPTACLES, LIGHTING, EQUIPMENT POWER, ETC.). NUMBER 14 AWG SHALL BE MINIMUM SIZE PERMITTED FOR EQUIPMENT CONTROL CIRCUIT WIRING.
 - ALL SPLICES AND CONNECTIONS SHALL BE MADE IN OUTLET BOXES, JUNCTION BOXES OR EQUIPMENT WHERE ACCESSIBLE.
 - CONDUCTORS SHALL BE PULLED WITHOUT THE USE OF OIL OR GREASE. WIRE PULLING LUBRICANTS WHICH ARE APPROVED FOR USE WITH CONDUCTOR INSULATION MAY BE USED. CARE SHALL BE TAKEN IN PULLING WIRE TO ASSURE THAT MAXIMUM ALLOWABLE PULLING TENSION OF WIRE IS NOT EXCEEDED. WIRING WITH DAMAGED CONDUCTORS OR INSULATION WILL NOT BE ACCEPTED.
 - ALL PLUG-IN DEVICES SHALL BE GROUNDED TYPE. A GROUNDING JUMPER FROM RECEPTACLE TO OUTLET BOX SHALL BE INSTALLED WHERE CONDUIT SYSTEM IS USED FOR GROUND.
 - INSTALL INSULATED GREEN GROUNDING CONDUCTOR (NO. 12 AWG MINIMUM) IN RACEWAYS AS INDICATED ON DRAWINGS AND IN ALL NON-METALLIC RACEWAYS PER NEC.
 - SWITCHES FOR LIGHTING CONTROL SHALL BE INDUSTRIAL GRADE, WHITE COLOR, SIDE WIRE ONLY, TWENTY (20) AMP, ONE HUNDRED TWENTY-TWO HUNDRED SEVENTY-SEVEN (120/277) VOLT.
 - DUPLEX RECEPTACLES SHALL BE INDUSTRIAL GRADE, THREE (3) WIRE GROUNDING, WHITE COLOR, FINER GROOVE, TWENTY (20) AMP, NEMA 5-20R 125 VAC.
 - PLATES SHALL BE FURNISHED AND INSTALLED FOR ALL WIRING DEVICES, TELEPHONE OUTLETS, JUNCTION BOXES, ETC.
 - PLATES FOR FLUSH MOUNTED DEVICES SHALL BE STAINLESS STEEL. PLATES FOR SURFACE MOUNTED BOXES SHALL BE GALVANIZED STEEL.
- LIGHTING FIXTURES**
- PROVIDE LIGHTING FIXTURES, OF SIZES, TYPES AND RATINGS INDICATED; COMPLETE WITH, BUT NOT LIMITED TO, HOUSINGS, ENERGY-EFFICIENT LAMPS, LAMP HOLDERS, REFLECTORS, ENERGY EFFICIENT BALLASTS, STARTERS AND WIRING. SHIP FIXTURES FACTORY-ASSEMBLED, WITH THOSE COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION. DESIGN FIXTURES WITH CONCEALED HINGES AND CATCHES, WITH METAL PARTS GROUNDED AS COMMON UNIT, AND SO CONSTRUCTED AS TO DAMPEN BALLAST GENERATED NOISE.
 - FLUORESCENT BALLASTS PROVIDED FOR FOUR (4) FOOT T-8 FLUORESCENT LAMPS SHALL BE TWO-LAMP ENERGY SAVING, ELECTRONIC TYPE.
 - INSTALL INTERIOR LIGHTING FIXTURES AT LOCATIONS AS INDICATED, IN ACCORDANCE WITH FIXTURE MANUFACTURER'S WRITTEN INSTRUCTIONS, APPLICABLE REQUIREMENTS OF NEC, NECA'S "STANDARD OF INSTALLATION", NEMA STANDARDS, AND WITH RECOGNIZED INDUSTRY PRACTICES TO ENSURE THAT LIGHTING FIXTURES FULLY COMPLY WITH REQUIREMENTS.
 - PROVIDE AND INSTALL ALL LIGHT FIXTURES INDICATED COMPLETE WITH SPECIFIED LAMPS. FLUORESCENT LAMPS SHALL BE 48" 32W T-8, RAPID START WITH NOMINAL OPERATING TEMPERATURES OF 3,500 K - MINIMUM INITIAL LIGHT OUTPUT OF 2850 LUMENS. COMPACT FLUORESCENT LAMPS SHALL BE 28 WATT COMPACT FLUORESCENT LAMPS SHALL BE HIGH COLOR RENDERING, HIGH EFFICIENCY LAMPS WITH NOMINAL OPERATING TEMPERATURE OF 3,500 K.
 - FASTEN LIGHTING FIXTURES SECURELY TO STRUCTURAL SUPPORTS; AND ENSURE THAT FIXTURES ARE PLUMB AND LEVEL.
 - FLUORESCENT FIXTURES INSTALLED IN LAY-IN CEILINGS SHALL BE SUPPORTED BY ADDITIONAL WIRE SUPPORT AT TWO CORNERS, ATTACHED TO CEILING GRID, AND ANCHORED TO STRUCTURAL MEMBER. THIS ADDITIONAL WIRE SUPPORT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND IS NOT CONSIDERED PART OF GENERAL GRID LAYOUT.
 - PROVIDE EQUIPMENT GROUNDING CONNECTIONS FOR INTERIOR LIGHTING FIXTURES AS INDICATED. TIGHTEN CONNECTION TO COMPLY WITH TIGHTENING TORQUES SPECIFIED IN UL STD 488A TO ASSURE PERMANENT AND EFFECTIVE GROUNDING.
 - ALL LIGHT FIXTURES SHALL BE U.L. LISTED.
- FIRE RATED WALL PENETRATIONS**
- PROVIDE U.L. LISTED FIRESTOP SYSTEM SEALANTS AROUND ALL CONDUITS PASSING THROUGH ALL RATED WALLS OR FLOORS IN ACCORDANCE WITH THE U.L. FIRE RESISTANCE DIRECTORY.
 - THE SELECTED SYSTEM MUST BEAR AN APPROVED U.L. PENETRATION SYSTEM NUMBER AND BE INSTALLED IN ACCORDANCE WITH THE SELECTED SYSTEM TAKING INTO ACCOUNT THE CONSTRUCTION AND THE RATING OF THE RATED ASSEMBLY BEING PENETRATED AND THE TYPE OF PENETRATION BEING MADE.
 - THE ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS TO CONFIRM NUMBER AND EXTENT OF ALL FIRE RATED PARTITIONS IN THE FACILITY.
- APPROVED PRODUCTS:**
- HILT CS240
 - TERMO PYRESHIELD
 - 3M CP-25

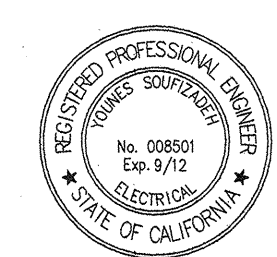


PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

LIGHTING & POWER
P.L.A.W.

SCALE 1/4"=1'
OCTOBER 15, 2011

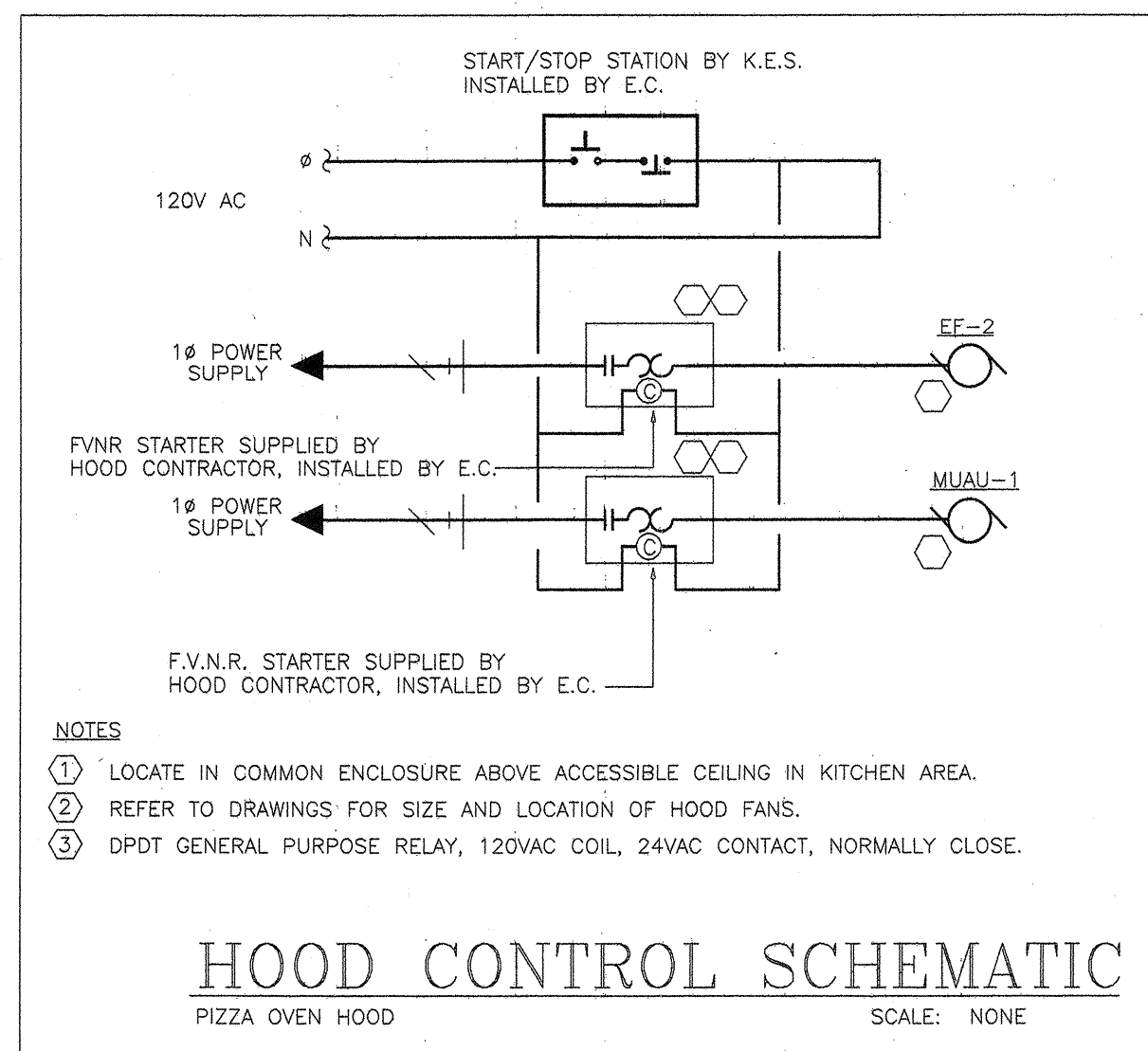
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ELECTRICAL LEGEND	
	LIGHTING AND/OR APPLIANCE PANELBOARD - RECESS MOUNTED.
	FLUORESCENT LIGHTING FIXTURE - LETTER REFERS TO FIXTURE TYPE REFER TO LIGHT FIXTURE SCHEDULE.
	DISCONNECT SWITCH
	MOTOR OUTLET
	JUNCTION BOX OR OUTLET BOX CONCEALED ABOVE CEILING
	WALL OR CEILING MOUNTED EMERGENCY EXIT LIGHT
	WALL MOUNTED EMERGENCY EXIT LIGHT W/DUAL LAMP
	WALL MOUNTED EMERGENCY BATTERY PACK W/NO LAMPS
	WALL MOUNTED DUAL LAMP EMERGENCY LIGHT W/BATTERY PACK
	ELECTRIC SMOKE DETECTOR
	DUCT MOUNTED PHOTOELECTRIC SMOKE DETECTOR, 120 VAC.
	DUPLEX OUTLET 20 A, 125 VOLT RECEPTACLE. MOUNT AT 18" A.F.F. TO CENTER, UNLESS NOTED OTHERWISE.
	DOUBLE DUPLEX OUTLET, RECESSED IN CEILING
	TELEPHONE OUTLET
	BELL AND TRANSFORMER
	DOOR BELL BUTTON
	NUMBER IN HEX SYMBOL REFERS TO EQUIPMENT SPECIFIED IN EQUIPMENT SCHEDULE - SEE SHEET A-2.
	1P, 20AMP 125 VOLT MOTOR RATED TOGGLE SWITCH WITH WEATHER PROOF ENCLOSURE.
	SINGLE POLE SWITCH
	SPECIAL RECEPTACLE
	WEATHERPROOF
	GROUND FAULT INTERRUPTOR
	ISOLATED GROUND
	MOUNTING HEIGHT ABOVE FINISH FLOOR
	NIGHT LIGHT
	CONDUIT BARS INDICATE CONDUCTORS
	PHASE (HOT)
	NEUTRAL (GROUND)
	EQUIPMENT GROUNDING

LIGHT FIXTURE SCHEDULE				
MARK	DESCRIPTION	LAMP	MODEL NO.	MANUF.
A	2X4 LAY-IN FLUORESCENT WITH ELECTRONIC BALLAST	(3) F32-T8 3500K	2SPG-3320FW-A12125-120-GE	LITHONIA
B	2X4 FLANGED FLUORESCENT WITH ELECTRONIC BALLAST	(3) F32-T8 3500K	2SPF-3320FW-A12125-120-GE	LITHONIA
C	WALL MOUNTED BRACKET	1 - 60 WATT	WGCV601-120	LITHONIA
D	EMERGENCY DUAL LAMP EXIT LIGHT W/BATTERY BACK-UP	2 - 5.4W AC, 6V DC	HQMSW1R120/277	LITHONIA
E	EMERGENCY DUAL LAMP W/BATTERY BACK-UP, INSTALL 84" A.F.F.	HIT 5.4W	ELM2	LITHONIA
E1	EMERGENCY BATTERY BACKUP, REMOTE CAPABILITY FOR 24W/90 MIN. MOUNT ABOVE DOOR.	N/A	6ELM2PRO	LITHONIA
F	EMERGENCY EGRESS OUTDOOR REMOTE HEAD, MOUNT ABOVE DOOR.	2-8W HIT	ELAWTXH0806	LITHONIA
G	4 FT. FLUORESCENT WALL/CEILING BRACKET W/ WET LOCATION LISTING, SUB-ZERO BALLAST.	2 - 32W T8	DMW-2-32-120-CW	LITHONIA



GENERAL CONTRACTOR NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE FOR NEW STORE WITH LOCAL UTILITY COMPANY.

SERVICE LOAD CALCULATION (PANEL "A")			
TYPE LOAD	CONN. LOAD	DMD. FAC.	DMD. LOAD
LIGHTING	7420 VA	X 125%	9275 VA
KITCHEN EQUIPMENT	25443 VA	X 65%	16538 VA
MECHANICAL EQUIPMENT	19588 VA	X 100%	19588 VA
			45401 VA
			126 AMPS

120/208V, 3P

- ELECTRICAL SERVICE RISER NOTES:**
- EXISTING THREE PHASE METER BASE SERVING PAPA JOHN'S TENANT SPACE.
 - EXISTING BUILDING SERVICE GROUNDING ELECTRODE CONDUCTOR TO REMAIN.
 - (2) #10, #10 GRND IN 1" C. TO PYLON SIGN BASE.
 - PAPA JOHN'S TENANT SPACE FEEDER - (4) #3/0, AND ONE (1) #6 AWG GROUND, IN 2" C. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT DISTANCE BETWEEN SERVICE TAP DISCONNECT SWITCH AND TENANT PANEL LOCATION.
 - EXISTING 3P, 200 AMP 240V, TENANT SERVICE DISCONNECT SWITCH (AT MALL SERVICE AND METER BANK), FUSE AT 200 AMPS, FOR CONNECTION TO TENANT SPACE. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT ELECTRICAL CHARACTERISTICS AND LOCATION WITH MALL REPRESENTATIVE AND LOCAL UTILITY COMPANY, AND MAKE ALL NECESSARY MODIFICATIONS AS REQUIRED.
 - EXISTING ELECTRICAL SERVICE LATERAL SERVING STRIP MALL BUILDING.
 - EXISTING PAD MOUNTED SERVICE TRANSFORMER.
 - EXISTING DISTRIBUTION PANEL TO SERVE TENANT SPACES. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF BUILDING SERVICE WITH OWNER PRIOR TO ANY NECESSARY MODIFICATIONS TO TENANT TAP.
 - EXISTING FEEDER.
 - MAIN SERVICE DISCONNECT SWITCH.

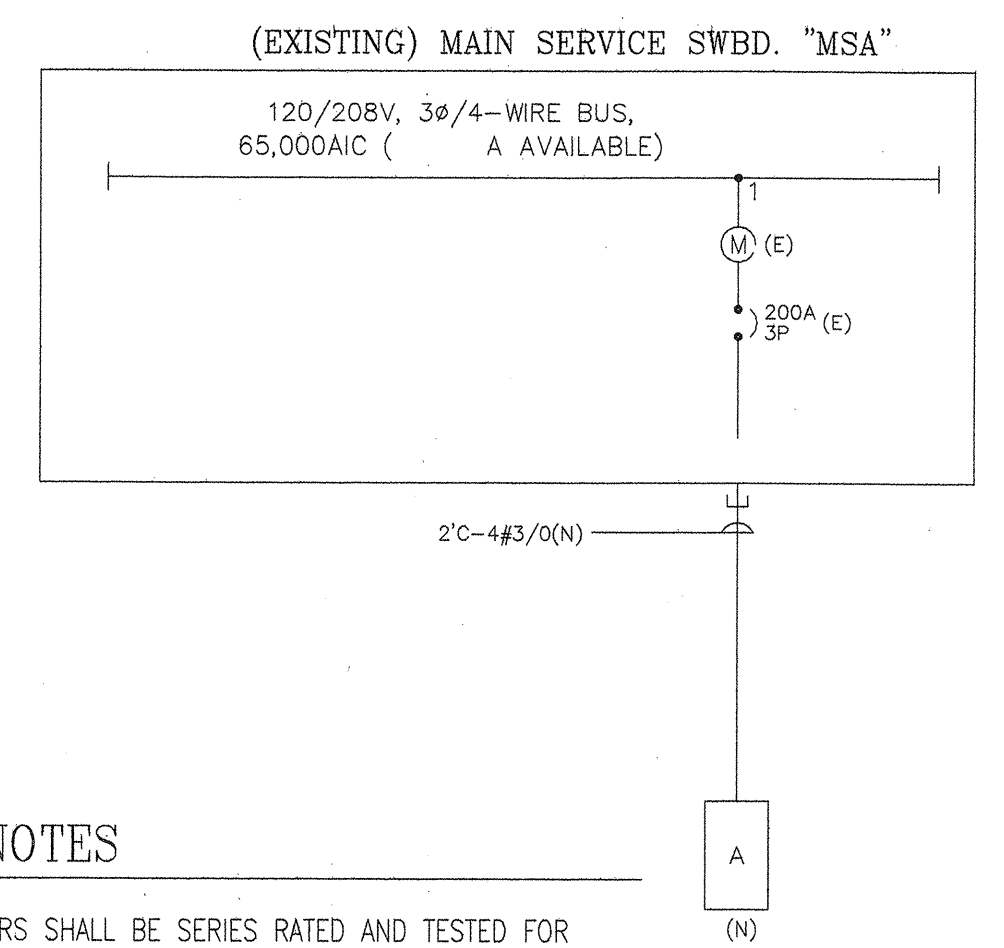
NOTE: ELECTRICAL SERVICE AND SYSTEM DETAILED IS DESIGNED BASED ON 120 / 208 VOLT THREE PHASE SERVICE. ELECTRICAL CONTRACTOR TO VERIFY AVAILABLE SERVICE. MAKE NECESSARY MODIFICATIONS AS REQUIRED.

NEW PANEL A		VOLTS-120/208 3P 4 WIRE MOUNTING-RECESSED				AIC RATING (SEE NOTE)****				MAIN CAPACITY - 225 AMPERES MAIN CONNECTION - MAIN BREAKER 200A FEED THRU				
CCT. NO.	ITEM FED	DIST. WATTS	WIRE SZ.	CIRCUIT BREAKER	NEUTRAL	CIRCUIT BREAKER	NEUTRAL	DIST. WATTS	ITEM FED	CCT. NO.	DIST. WATTS	WIRE SZ.	CIRCUIT BREAKER	NEUTRAL
1	RECEPT-CASE LIGHTING	600	12 20 1	QOB	A	QOB	3	40	10	3600	RTU-1	2		
3	RECEPT-MENU LIGHTING	500	12 20 1	A	B			3600		4				
5	AWNING LIGHTING	1800	12 20 1	C				3500		6				
7	PAPA JOHN'S SIGN	1178	12 20 1	A				2078	RTU-2	8				
9	COOLER LIGHTS	400	12 20 1	B				2078		10				
11	LIGHTING	300	12 20 1	C				2078		12				
13	LIGHTING	1100	12 20 1	A				720	RESTROOM RECEPT.	14				
15	PYLON SIGN	1800	10 20 1	B				1600	RECEPTACLES	16				
17	PYLON SIGN	1800	10 20 1	C				1600	COMPUTER RECEPT.	18				
19	HEAT STRIP	840	12 20 2	A				1600	COMPUTER RECEPT.	20				
21	HEAT STRIP	840	12 20 2	B				1616	EF-1	22				
23	HEAT STRIP	840	12 20 2	C				1616	EF-2	24				
25		840	12 20 2	A				200	TELEPHONE SYSTEM	26				
27	PIZZA OVEN # 1	1248	12 20 2	B				720	RECEPTACLES	28				
29		1248	12 20 2	C				360	RECEPTACLES	30				
31	PIZZA OVEN # 2	1248	12 20 2	A				180	RECEPTACLES	32				
33		1248	12 20 2	B				1200	WINDOW SIGNS	34				
35	EVAP. UNIT	500	12 20 1	C				1080	RECEPTACLES	36				
37	PREP. TABLE	1500	12 20 1	A				890	MANU-1	38				
39	BEV./REF.	1300	12 20 1	B				890	COMPRESSOR	40				
41	AIR CURTAIN	1000	12 20 1	C				890		42				

VOLTS * AMPS: BUS A 18,730 DEMAND FACTOR 125% X LCL VA: 8,698 x 1.25 = 12,120
 BUS B 17,938 DEMAND FACTOR 100% X NONLCL VA: 43,342
 BUS C 18,370 DEMAND FACTOR 65% X NONLCL VA:
 TOTAL 55,038 TOTAL 55,462 VA 3-PHASE, 164 AMPS.

- * ELECTRICAL CONTRACTOR TO PROVIDE BREAKER W/ "LOCK-ON" DEVICE.
- ** CONTROL CIRCUIT THROUGH PHOTOCELL AND 7-DAY TIMELOCK. TIMELOCK TO BE MOUNTED ABOVE PANELBOARD.
- *** EXISTING LOADS
- **** LTS. ARE CONTROLLED BY AUTO-SHUT-OFF RELAY WITH (0-2HR) OVERRIDE SWITCH AT PANEL.
- ***** SEE ONE LINE DIAGRAM

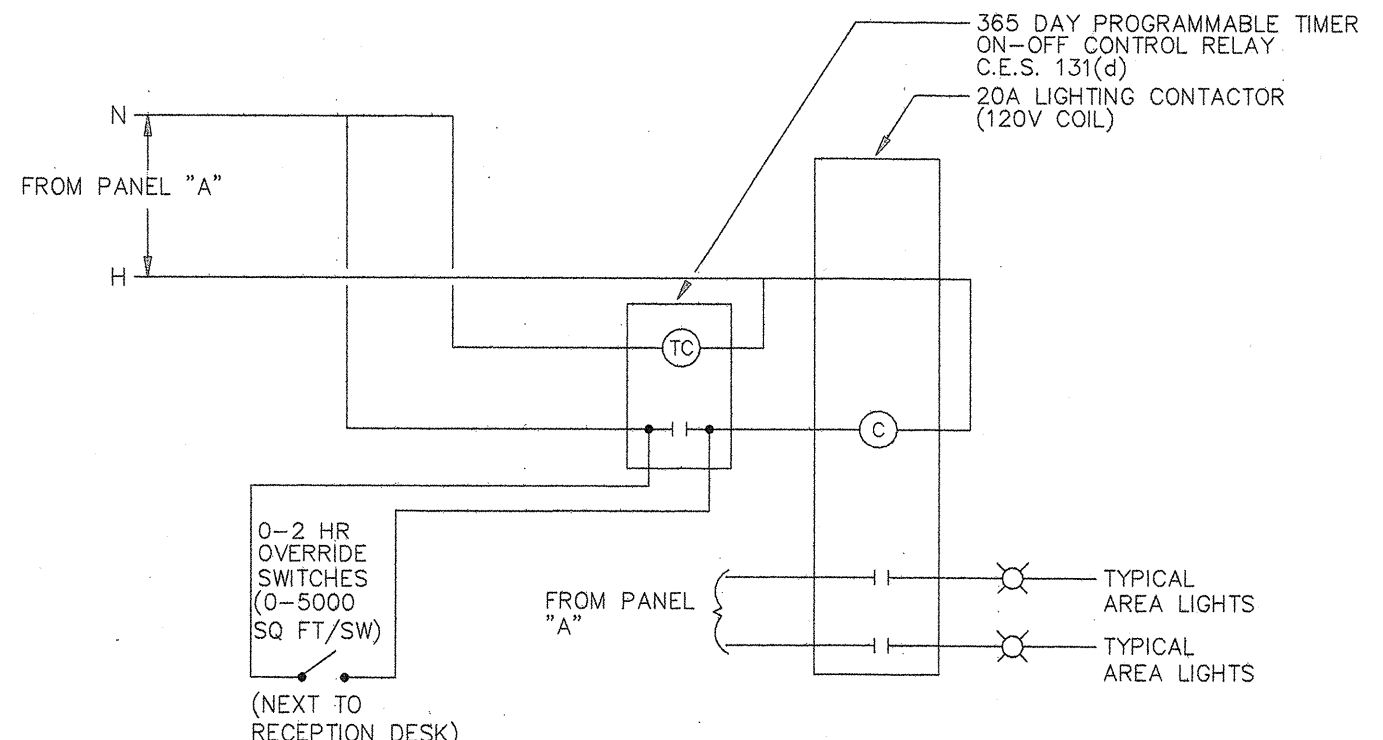
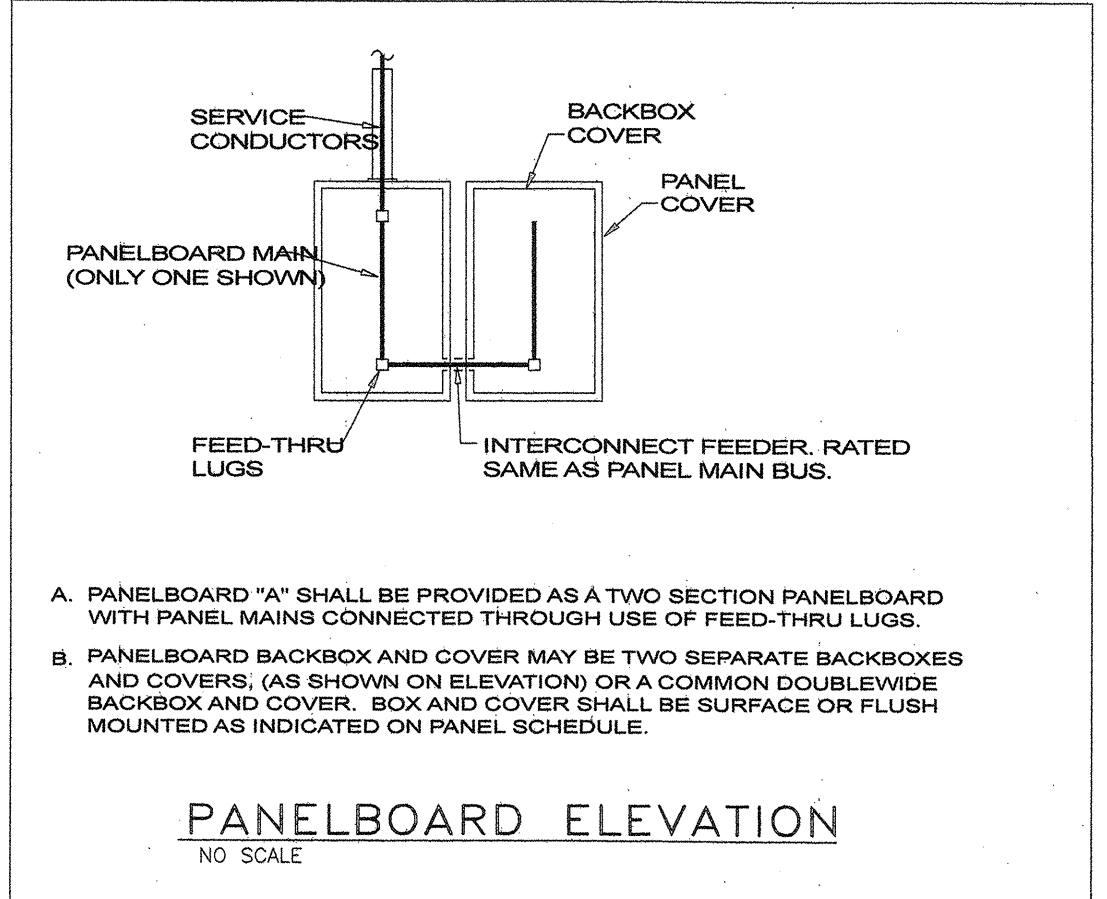
NOTE: AIC RATING FOR PANEL AND ALL BRANCH CIRCUIT BREAKERS, SHALL BE SERIES RATED WITH THE FEEDER BREAKER FOR THE MAXIMUM AVAILABLE FAULT CURRENT AT THE MAIN PANEL AND SAME MANUFACTURER AND MODEL NUMBER BASED ON N.E.C.



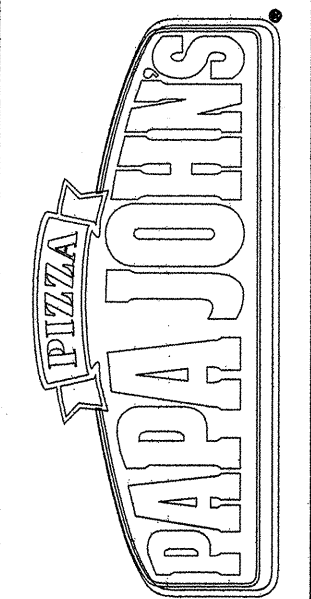
ELECTRICAL NOTES

- PANEL "A" BREAKERS SHALL BE SERIES RATED AND TESTED FOR UPSTREAM BREAKER AT "MSA" (SAME MANUFACTURER BASED ON NEMA AND 2010 CEC CODE) TAG "CAUTION SERIES RATED EQUIPMENT IDENTICAL EQUIPMENT DEVICES TO BE UTILIZED" ON PANEL "A".

SINGLE LINE DIAGRAM



LIGHTING CONTROL SYSTEM DIAGRAM (TYP.)
N.T.S.



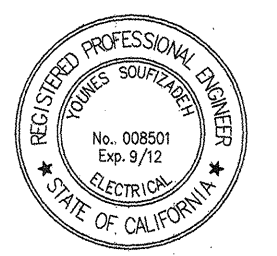
PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

POWER PANEL SCHEDULE

SCALE 1/4"=1'

OCTOBER 15, 2011

E-3



SPARK ENGINEERING
PROFESSIONAL ELECTRICAL ENGINEERS
20301 S.W. Birch St., Suite 204
Newport Beach, CA 92660
Tel: (949) 833-2210
Fax: (949) 833-8218

CERTIFICATE OF COMPLIANCE (Part 1 of 4) LTG-1C
PROJECT NAME: PAPA JOHNS
DATE: 10/28/2011
TOTAL CONDITIONED FLOOR AREA: 1500 S.F.
UNCONDITIONED FLOOR AREA:

CERTIFICATE OF COMPLIANCE (Part 2 of 4) LTG-1C
PROJECT NAME: PAPA JOHNS
DATE: 10/28/2011
INSTALLATION CERTIFICATE, LTG-1-INST
CERTIFICATE OF ACCEPTANCE, LTG-2A

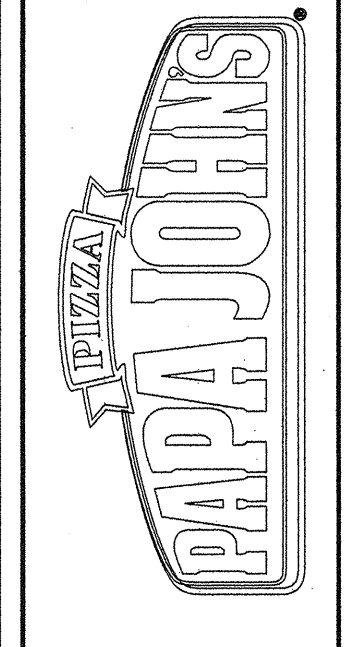
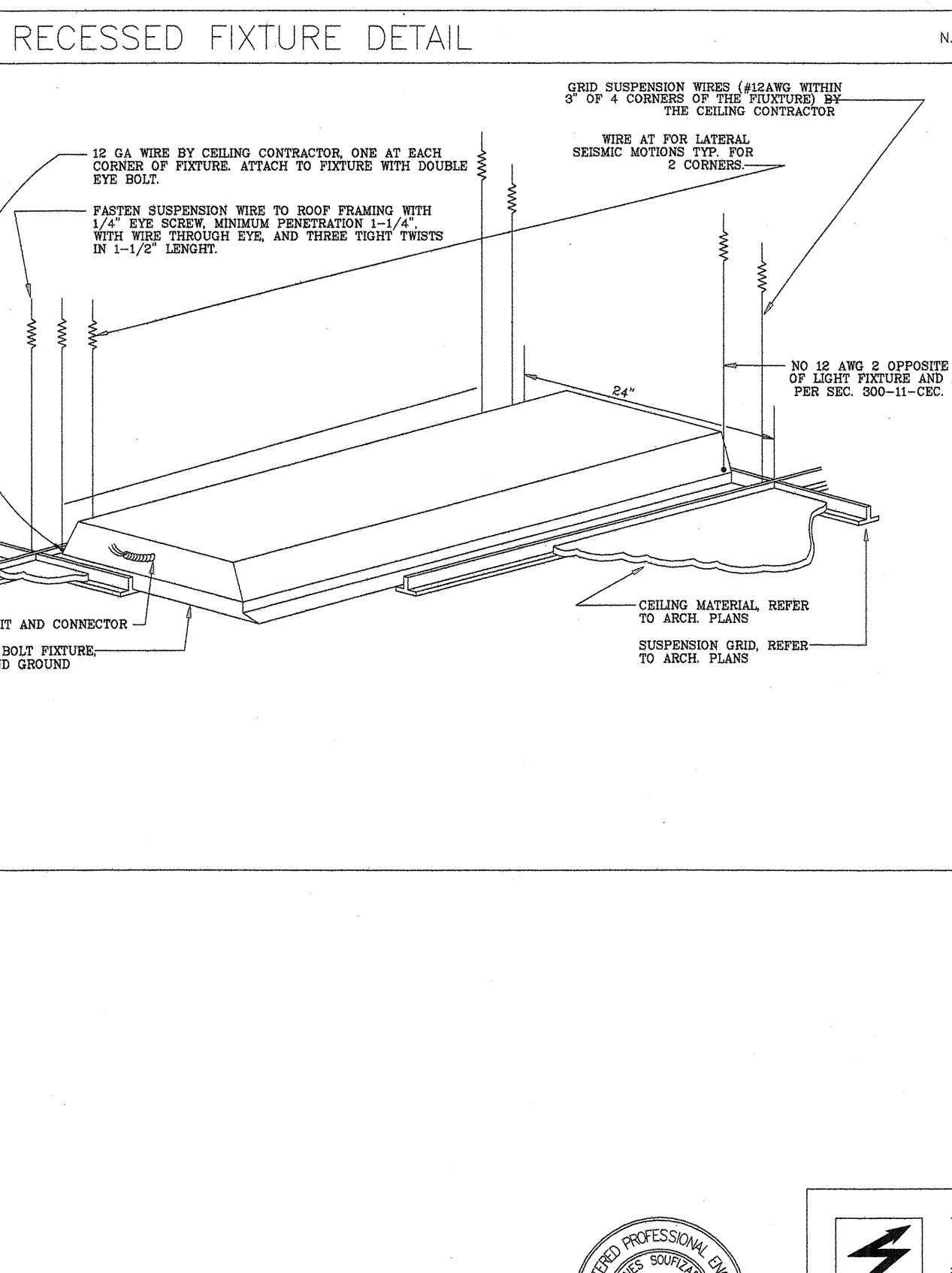
CERTIFICATE OF COMPLIANCE (Part 3 of 4) LTG-1C
PROJECT NAME: PAPA JOHNS
DATE: 10/28/2011
INDOOR LIGHTING SCHEDULE AND FIELD INSPECTION ENERGY CHECKLIST

CERTIFICATE OF COMPLIANCE (Part 4 of 4) LTG-1C
PROJECT NAME: PAPA JOHNS
DATE: 10/28/2011
MANDATORY LIGHTING CONTROLS - FIELD INSPECTION ENERGY CHECKLIST

INDOOR LIGHTING POWER ALLOWANCE LTG-3C
PROJECT NAME: PAPA JOHNS
DATE: 10/28/2011
ALLOWED LIGHTING POWER (Choose One Method)
COMPLETE BUILDING METHOD

LIGHTING CONTROLS CREDIT WORKSHEET (Part 1 of 2) LTG-2C
PROJECT NAME: PAPA JOHNS
DATE: 10/28/2011
POWER ADJUSTMENT FACTORS (PAF) FOR NON-DAYLIGHT CONTROLS

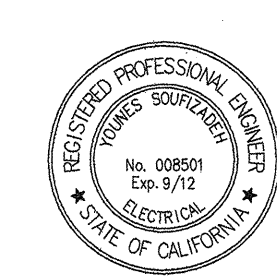
LIGHTING MANDATORY MEASURES
§ 191(c) BUILDING LIGHTING SHUT-OFF BY TIMECLOCK
§ 191(d) OVERRIDE FOR BUILDING LIGHTING SHUT-OFF



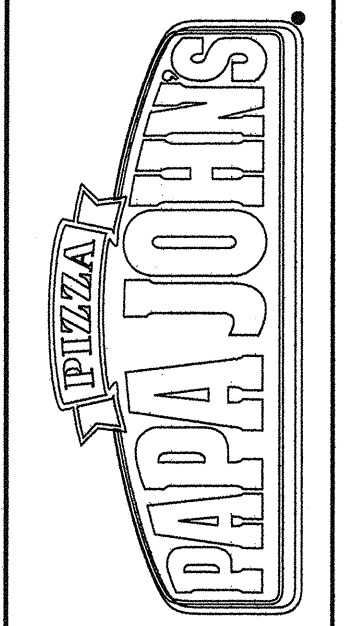
PAPA JOHN'S
3316 BRISTOL STREET
SANTA ANA, CA 92704

TITLE 24
SCALE 1/4"=1'
OCTOBER 15, 2011

E-4



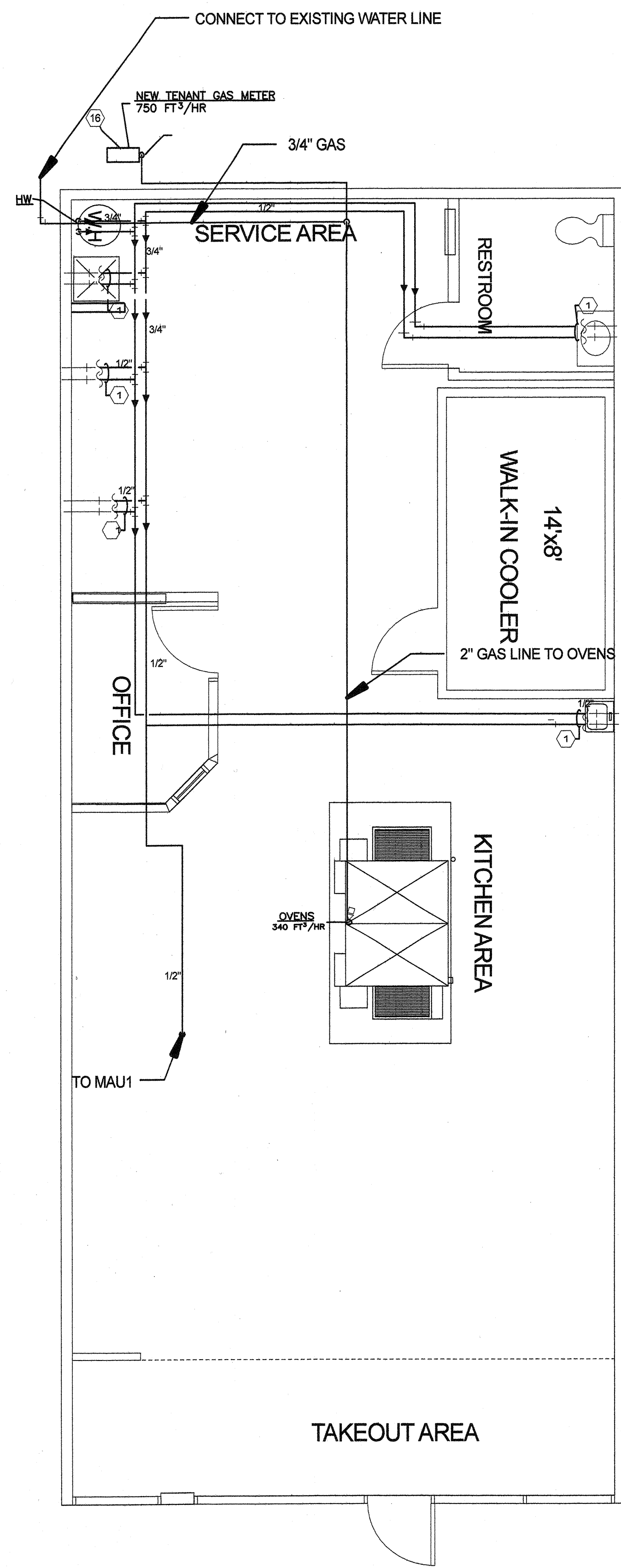
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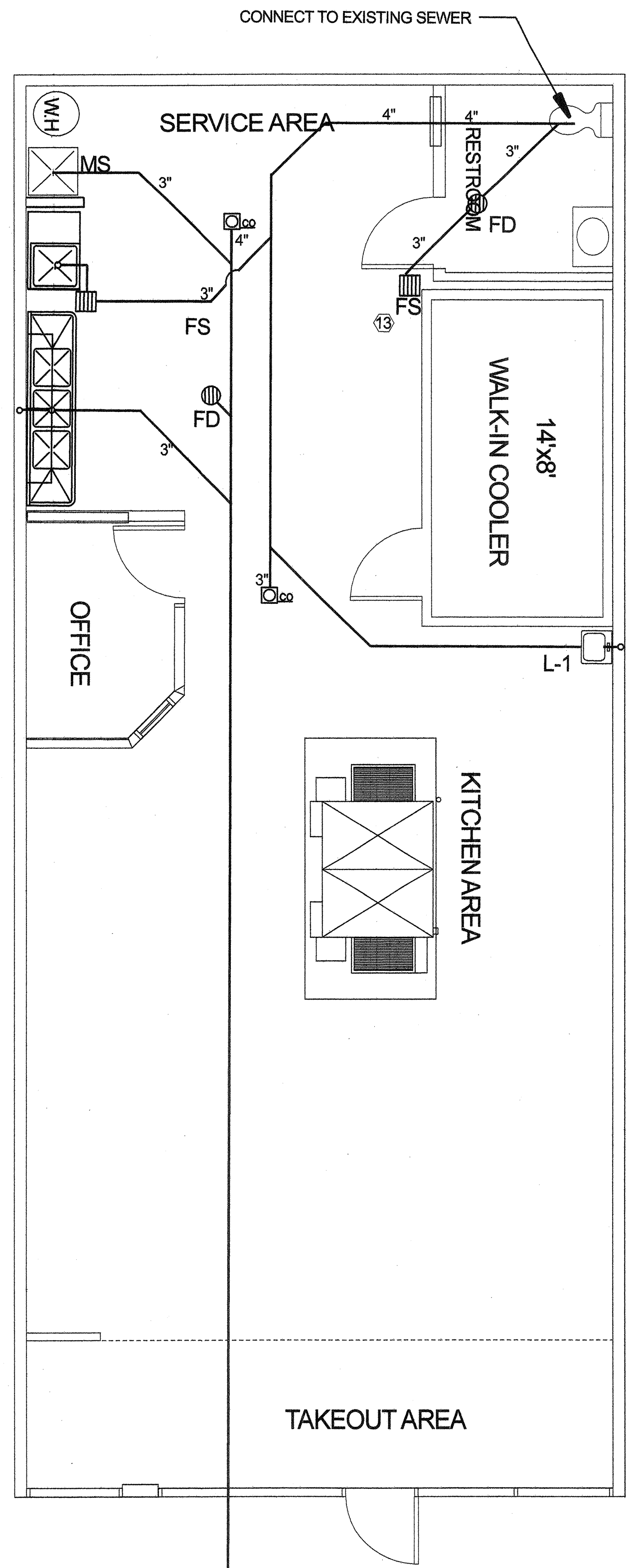
PAPA JOHNS
3316 BRISTOL STREET
SANTA ANA, CA 92704

PLUMBING PLAN

SCALE 1/4" = 1'
OCTOBER 15, 2011



WATER AND GAS PIPING PLAN
SCALE: 1/4" = 1'-0"



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

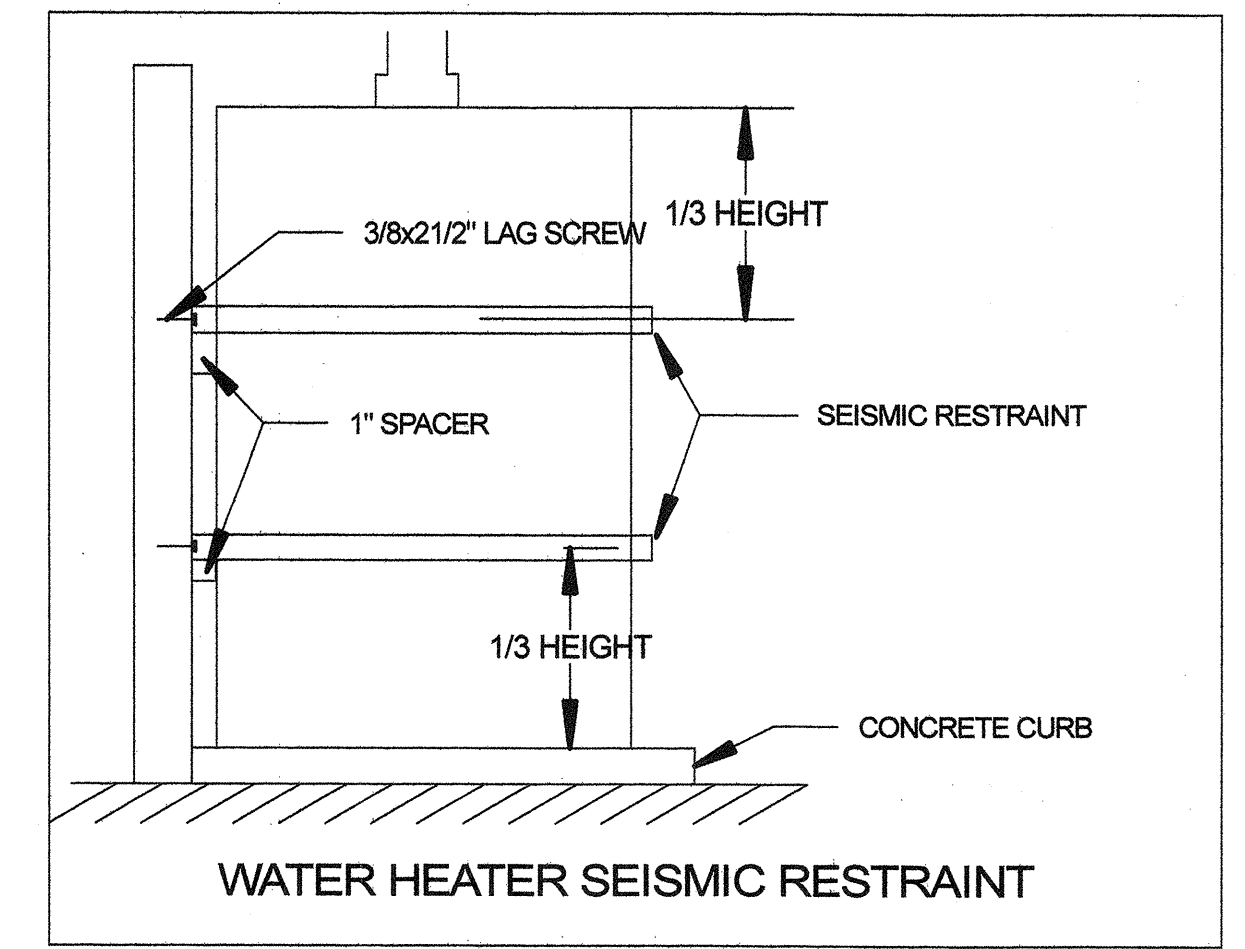
GRAVITY GREASE INTERCEPTOR
IN PARKING LOT BY CENTER OWNER

PLUMBING FIXTURE SCHEDULE (BY PLUMBING CONTRACTOR)	
FIXTURE	DESCRIPTION
WATER CLOSET - "C"	AMERICAN STANDARD 2216.143 16-1/8" HIGH FOR HANDICAPPED WITH TANK LINER AND CHURCH 9500 OPEN FRONT ELONGATED WHITE SEAT LESS LID. FLUSHING MECHANISM SHALL BE LOCATED ON THE "WIDE SIDE" OF EACH WATER CLOSET.
LAVATORY - "L"	AMERICAN STANDARD #4300.117 "LEDGEWOOD" WITH WALL CARRIER AND MOEN TWO-HANDLE FAUCET #84301 AND POP-UP DRAIN, MOUNT AT HANDICAP HEIGHT.
HAND SINK - "L-1"	15 1/2" X 16" X 6"D STAINLESS STEEL HANDSINK PROVIDED BY A.S.I.
MOP SINK - "MS"	FIAT MODEL #MSB 2424 OR EQUAL, 24"X24"X10" FIBERGLASS BASIN WITH MODEL #830-AA FAUCET WITH VACUUM BREAKER AND PAUL HOOK, AND MODEL #889-CC OR EQUAL MOP HANGER.
THREE COMPARTMENT SINK - "3CS"	24" X 94" STAINLESS STEEL W/3-18"X18"X12" DEEP SINKS AND DOUBLE DRAIN BOARDS - CUSTOM FABRICATED. PROVIDED BY A.S.I.
GREASE INTERCEPTOR- GI	750 GAL GREASE INTERCEPTOR BY OWNER OF SHOPPING CENTER
WATER HEATER - "WH"	50 GALLON WATER HEATER 48,000 BTU
BACKFLOW PREVENTER	EXISTING BACKFLOW
FLOOR DRAIN - "FD"	3" ZURN #ZN-415 WITH TRAP PRIMER MODEL P1-500 BY PRECISION PLUMBING PRODUCTS ASSE LISTED.
FLOOR SINK - "FS"	EQUAL TO ZURN MODEL Z-1900-3

- ◊ PLUMBING KEY NOTES
- HW/CW TO FIXTURE AND CONNECT. REFERENCE WATER RISER DIAGRAM FOR PIPE SIZES. (TYPICAL).
 - EXISTING 1" DOMESTIC WATER LINE ENTRY POINT FOR TENANT USE. P.C. SHALL FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
 - EXTEND NEW 1" CW LINE TO EXISTING VALVED TENANT STUB AND CONNECT. P.C. SHALL ROUTE TO BACKFLOW PREVENTER AT WATER HEATER AND MOP SINK.
 - T & P RELIEF VALVE AND DRAIN LINE. EXTEND DRAIN LINE TO MOP SINK AND SPILL. DRAIN LINE TO BE A MIN. OF 2" ABOVE FLOOD RIM LEVEL OF MOP SINK.
 - P.C. SHALL EXTEND NEW WASTE TO EXISTING AND RECONNECT. P.C. SHALL FIELD VERIFY EXACT LOCATION AND EXISTING CONDITIONS PRIOR TO ROUGH-IN.
 - ROOFTOP HVAC UNIT BY M.C.; FINAL GAS CONNECTION BY P.C.
 - REFERENCE RISER DIAGRAMS FOR WATER AND WASTE PIPE SIZES.
 - DROP 2" GAS LINE TO (2) PIZZA OVENS. 135 MBH EACH FOR P2360 OVENS OR 170 MBH EACH FOR P5570 OVENS.
 - NEW GAS LINE OUT TO EXISTING METER BANK AND CONNECT. PLUMBING CONTRACTOR SHALL FIELD VERIFY LOCATION. COORDINATE PRESSURE AVAILABLE WITH LOCAL GAS CO. MINIMUM GAS METER SIZE SHALL BE 750 CUBIC FEET PER HOUR.
 - 1-1/4" NG UP TO RTU #1 AND CONNECT. PROVIDE SHUT-OFF VALVE AND DIRT LEG.
 - 1" NG UP TO RTU #2 AND CONNECT. PROVIDE SHUT-OFF VALVE AND DIRT LEG.
 - 1" NG TO WATER HEATER AND CONNECT; PROVIDE SHUT-OFF VALVE AND DIRT LEG.
 - EXTEND CONDENSATE DRAIN FROM COOLER TO FLOOR SINK AND SPILL. COORDINATE LOCATION OF DRAIN CONNECTION WITH COOLER SUPPLIER.
 - 1" CW LINE DOWN TO BACKFLOW PREVENTER MOUNTED ACCESSIBLE ABOVE MOP SINK. REFER TO DOMESTIC WATER RISER DIAGRAM.
 - PLUMBING CONTRACTOR SHALL SEAL NATURAL GAS PIPE PENETRATIONS WATER TIGHT IN EXTERIOR WALL. NATURAL GAS PIPING EXPOSED TO EXTERIOR SHALL BE PAINTED WITH (2) COATS OF RUST INHIBITOR PAINT.
 - PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL TENANT GAS METER AT EXISTING METER BANK PER LOCAL GAS CO. REQUIREMENTS.

ABS PIPE CAN BE USED FOR WASTE LINES AND VENTS.
NOTE: PROVIDE TRAP PRIMER AT ALL FLOOR DRAINS.

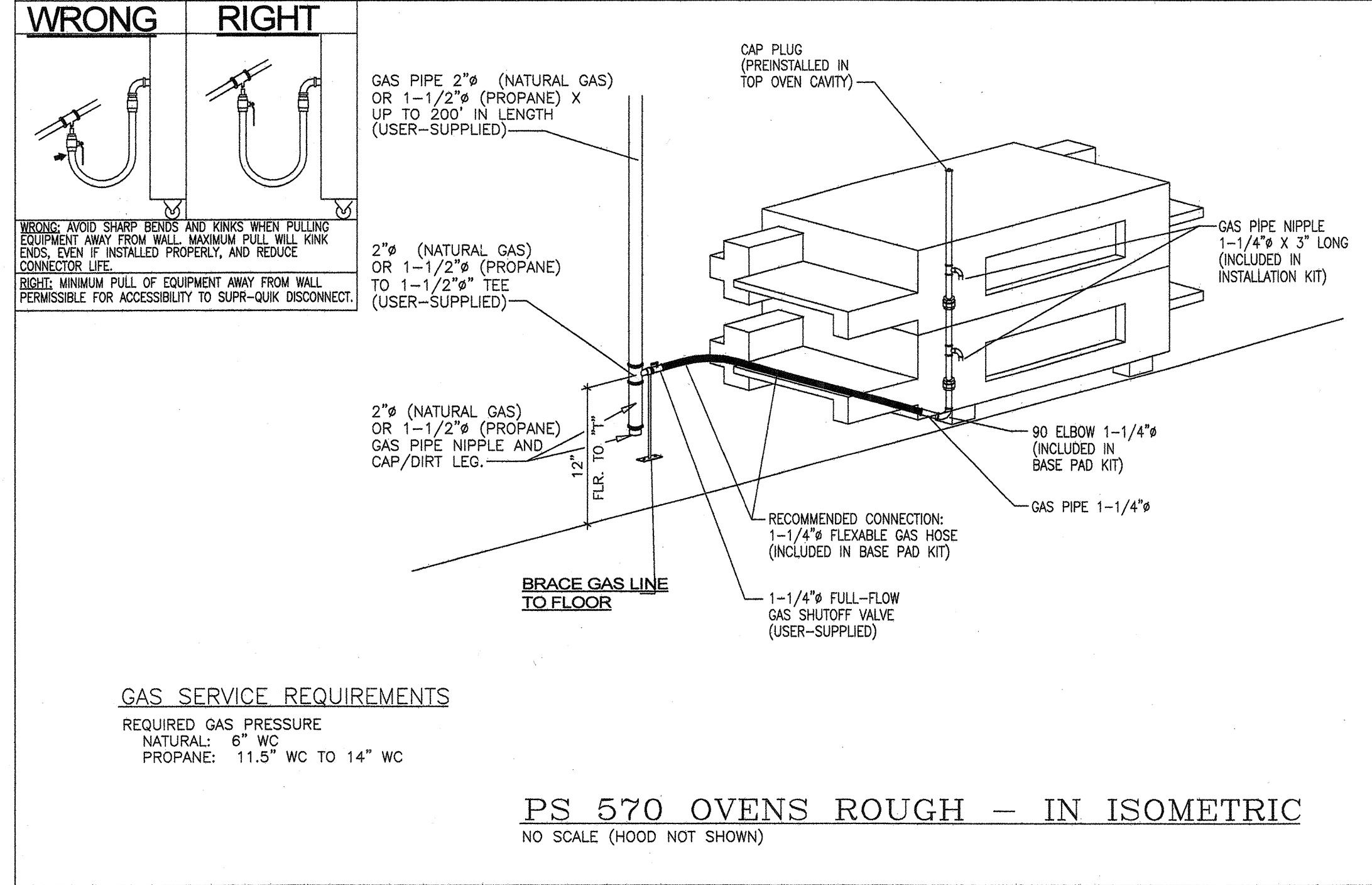
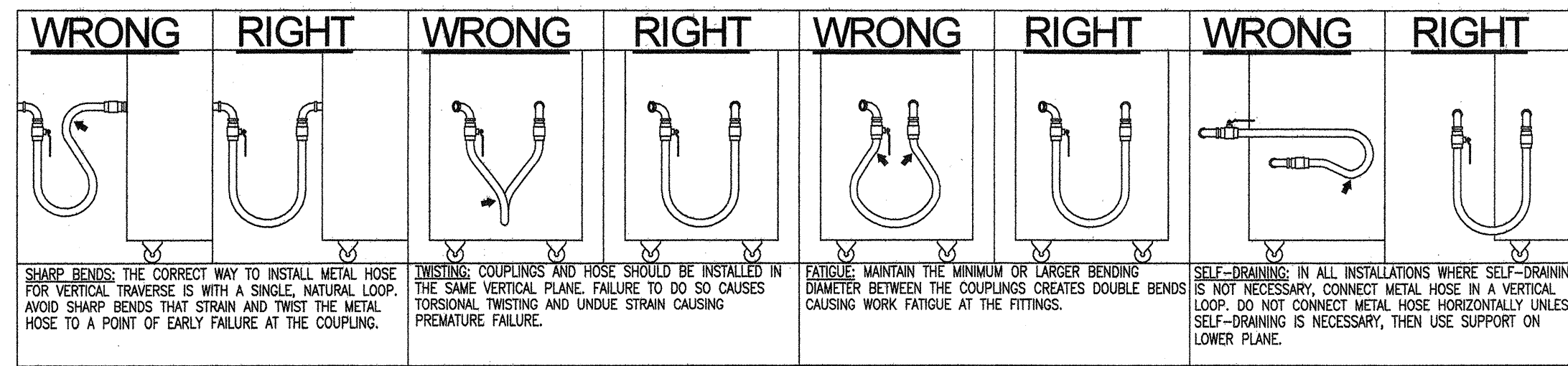
- PLUMBING NOTES**
- GENERAL NOTES**
- PLUMBING CONTRACTOR IS TO FURNISH AND INSTALL ALL PLUMBING FIXTURES COMPLETE AS LISTED IN "PLUMBING FIXTURE SCHEDULE".
 - ALL HANDICAP PLUMBING FIXTURES SHALL BE INSTALLED TO COMPLY WITH STATE AND LOCAL CODES. P.C. SHALL FURNISH AND INSTALL CODE COMPLIANT TRAP WRAP ON ALL EXPOSED WATER & WASTE LINES FOR ALL HANDICAP ACCESSIBLE LAVATORIES.
 - WHERE A RENOVATION IS TO OCCUR; THE PLUMBING CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXTENT OF DEMOLITION REQUIRED, PRIOR TO SUBMITTING BID.
 - PLUMBING CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO THE GENERAL CONTRACTOR PRIOR TO FINAL PAYMENT
 - ALL WORK SHALL BE INSTALLED TO COMPLY WITH LOCAL AND STATE PLUMBING CODE REQUIREMENTS, AND PER LOCAL HEALTH DEPARTMENT REQUIREMENTS.
- WASTE AND VENT PIPING**
- PLUMBING CONTRACTOR MAY USE SCHEDULE 40 OR 80 TYPE 1, GRADE 1, POLYVINYL CHLORIDE PIPE FOR ALL SOIL, WASTE AND VENT PIPING WHERE PERMITTED BY LOCAL CODES, WHERE PVC PIPING IS NOT PERMITTED BY LOCAL CODES, USE STANDARD WEIGHT CAST IRON PIPING. ALL PIPING ABOVE GRADE MAY HAVE HUBLESS FITTINGS. PLASTIC PIPING SHALL NOT BE USED IN RETURN AIR PLENUM. COORDINATE THIS REQUIREMENT WITH HVAC CONTRACTOR PRIOR TO INSTALLATION.
 - CONTRACTOR SHALL FIELD VERIFY INVERT ELEVATIONS OF ALL NEW AND EXISTING SANITARY SEWERS PRIOR TO ROUGH-IN.
 - ELEVATION OF ALL FLOOR DRAINS SHALL BE HELD 1/2" BELOW FINISH FLOOR TILE.
 - ALL CLEAN OUTS SHALL BE INSTALLED FLUSH WITH FINISHED GRADE/FINISHED FLOORS.
 - HOLD ALL PLUMBING VENTS A MINIMUM OF 10'-0" FROM OUTSIDE AIR INTAKES. WHERE STATE OR LOCAL CODES REQUIRE MORE SEPARATION, P.C. SHALL OFFSET TO MEET THE MORE STRINGENT CODE ON HVAC EQUIPMENT. COORDINATE LOCATION WITH M.C.
- WATER PIPING**
- ALL WATER PIPING BELOW GRADE SHALL BE TYPE "L" SOFT TEMPERED COPPER AND ALL WATER PIPING ABOVE GRADE SHALL BE TYPE "L" HARD TEMPERED COPPER.
 - INSTALL 1" FOAM RUBBER INSULATION ON ALL HOT AND COLD WATER PIPING BELOW AND ABOVE GRADE. ALL JOINTS IN INSULATION ARE TO BE TAPED.
 - ALL DOMESTIC WATER PIPING SHALL BE DISINFECTED PRIOR TO USE BY BUILDING OCCUPANT. PLUMBING CONTRACTOR SHALL DISINFECT PER REQUIREMENTS OF LOCAL HEALTH DEPT., STATE/LOCAL PLUMBING CODE.
 - ALL PLUMBING HOSE BIBBS OR VALVES WITH THREADED CONNECTIONS SHALL BE PROVIDED WITH VACUUM BREAKERS AND APPROVED MEANS OF BACKFLOW PREVENTION AS REQUIRED BY STATE AND LOCAL CODES.
 - PROVIDE SHUT-OFF VALVES ON ALL EQUIPMENT AND STOP COCKS IN HOT AND COLD WATER PIPING TO ALL PLUMBING FIXTURES.
 - PLUMBING CONTRACTOR SHALL PROVIDE DIELECTRIC UNIONS AT ALL PIPING CONNECTIONS WHERE DISSIMILAR PIPING IS JOINED.
 - ALL HOT AND COLD WATER, WASTE, AND VENT PIPING TO BE SUPPORTED PER LOCAL PLUMBING CODE.
- NATURAL GAS PIPING**
- CONTRACTOR SHALL COORDINATE INSTALLATION OF GAS METER WITH LOCAL GAS CO. REQUIREMENTS PRIOR TO INSTALLATION.
 - GAS PIPING OPERATING AT PRESSURES HIGHER THAN 1 LB. WHERE INSTALLED IN BUILDING SHALL HAVE WELDED JOINTS, PIPING BELOW 1 LB. PRESSURE SHALL HAVE THREADED CONNECTIONS.
 - ALL GAS PIPING SHALL BE STANDARD WEIGHT SCHEDULE 40 BLACK STEEL PIPE. PIPE SHALL BE THREADED OR WELDED AS DIRECTED BY LOCAL GAS CO. AND STATE/LOCAL PLUMBING CODES.
 - PROVIDE ALL GAS PIPING COMPLETE WITH ALL REQUIRED FITTINGS, STRAPS, HANGERS, SUPPORTS, ETC. OBTAIN ALL REQUIRED INSPECTIONS AND APPROVALS. ALL GAS PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 54 AND ANY APPLICABLE STATE OR LOCAL CODES OR REGULATIONS.
 - ALL GAS PIPING, WHERE ROUTED ON ROOF; SHALL BE SUPPORTED BY 4"x4" TREATED WOOD BLOCKING 10'-0" O.C. PROVIDE PIPE CLAMPS ON WOOD BLOCKING TO SECURE PIPING.
 - PAINT ALL GAS PIPING EXPOSED TO WEATHER WITH (2) COATS OF "RUSTOLEUM" OR EQUAL PAINT. COLOR TO BE SELECTED BY OWNER OR GENERAL CONTRACTOR.
 - PLUMBING CONTRACTOR TO MAKE FINAL CONNECTION TO ALL GAS FIRED EQUIPMENT. PROVIDE GAS SHUT-OFF VALVE AND DIRT LEG AT EACH CONNECTION.
 - PLUMBING CONTRACTOR SHALL INSTALL AND CONNECT FLEXIBLE GAS PIPING PROVIDED WITH GAS FIRED OVEN EQUIPMENT AND MAKE ALL FINAL CONNECTIONS TO OVEN COMPLETE.
 - PLUMBING CONTRACTOR SHALL PAINT GAS PIPING EXPOSED IN STORE BELOW CEILING GRID SILVER.



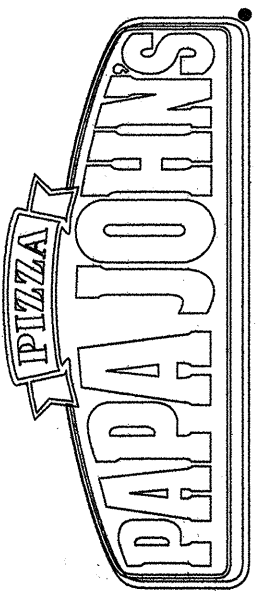
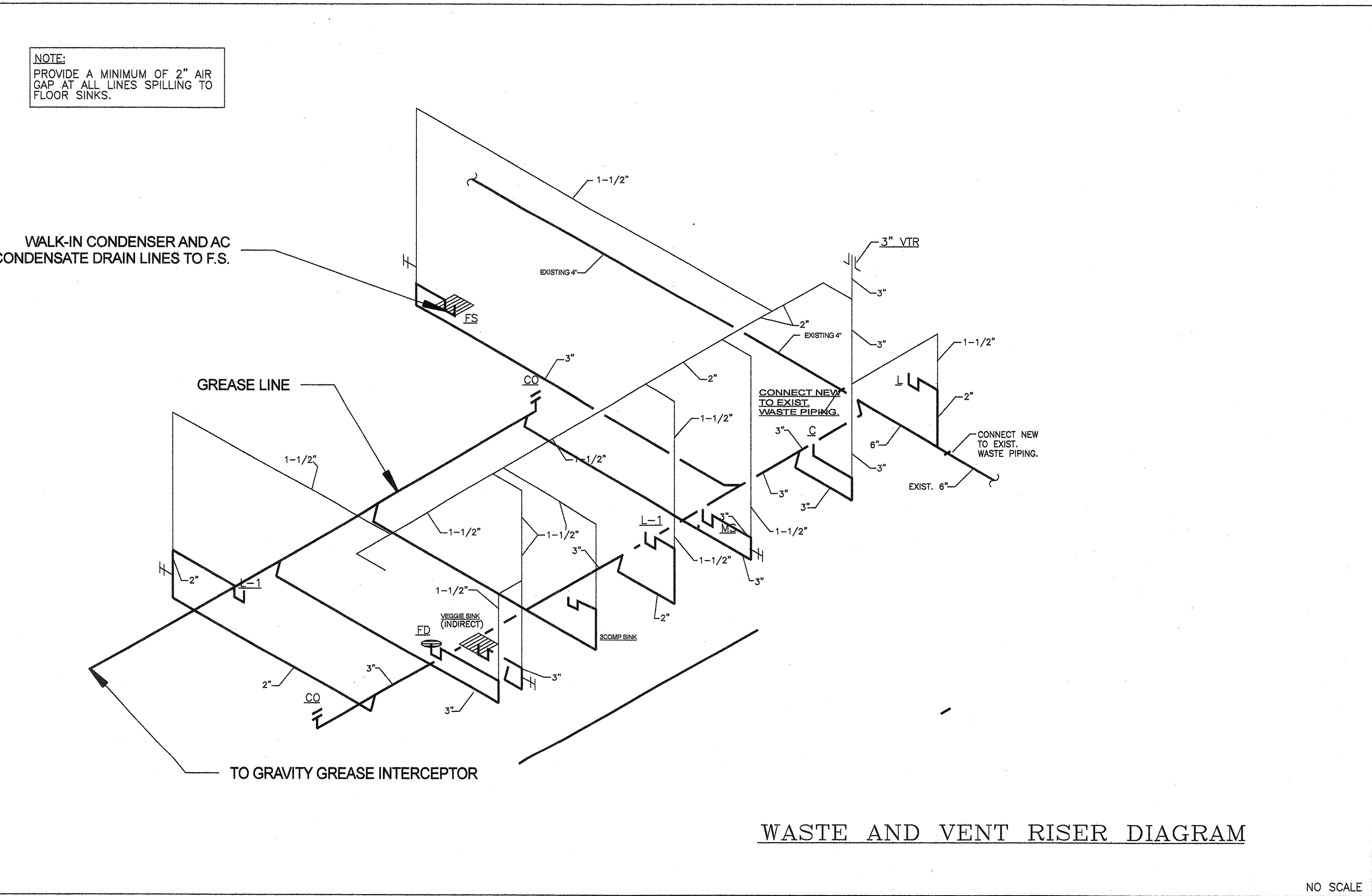
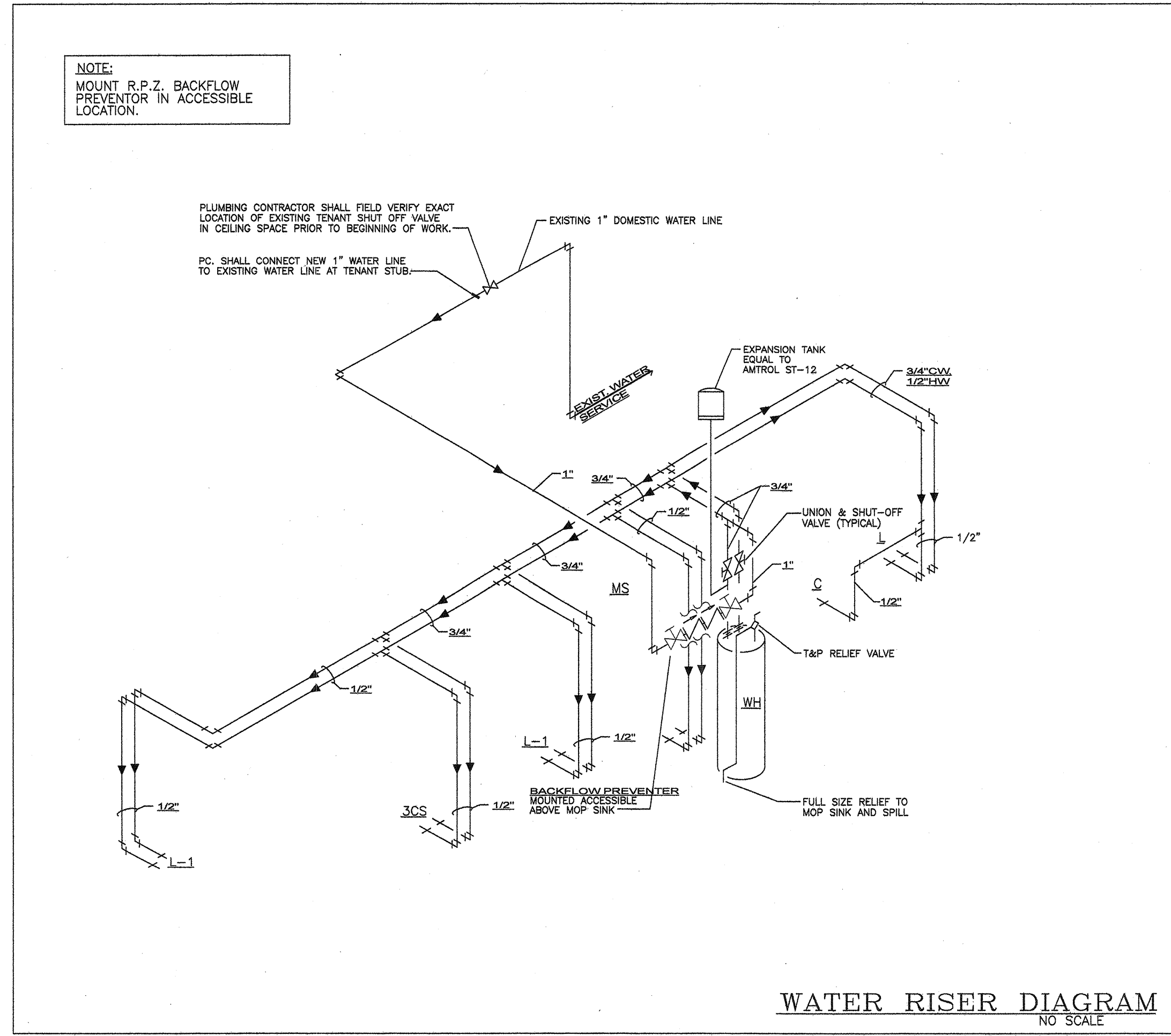
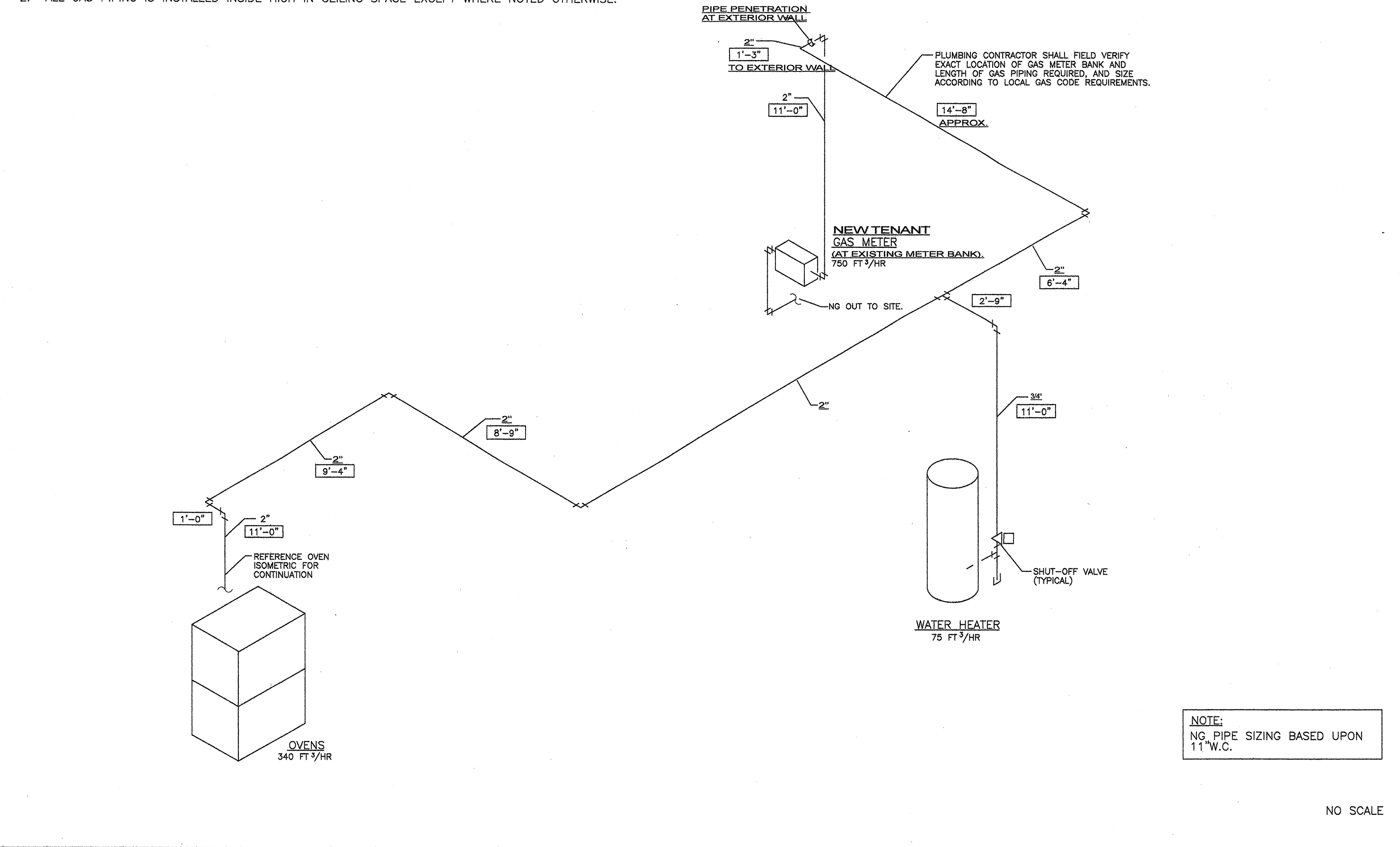
WATER HEATER SEISMIC RESTRAINT

PLUMBING ABBREVIATION LEGEND

- ⊙ — AT
 - ABV — ABOVE
 - C — WATER CLOSET
 - CLG — CEILING
 - CO — CLEANOUT
 - CONN — CONNECT/CONNECTION
 - CONT — CONTINUATION
 - 3CS — THREE COMPARTMENT SINK
 - 4CS — FOUR COMPARTMENT SINK
 - CW — COLD WATER
 - D — DISPOSAL
 - DF — DRINKING FOUNTAIN
 - DRWG — DRAWING
 - DS — DOMESTIC SPRINKLER
 - DW — DISHWASHER
 - EA — EACH
 - EXT — EXTEND
 - FAC — FURNACE/AIR COND.
 - FCO — FLOOR CLEANOUT
 - FD — FLOOR DRAIN
 - FFE — FINISH FLOOR ELEVATION
 - FIXT — FIXTURE
 - FL — FLOOR
 - FPWH — FREEZE PROOF WALL HYDRANT
 - FS — FLOOR SINK
 - GC — GENERAL CONTRACTOR
 - GT — GREASE TRAP
 - HB — HOSE BIBB
 - HW — HOT WATER
 - L — LAVATORY
 - LOC — LOCATION
 - MC — MECHANICAL CONTRACTOR
 - MS — MOP SINK
 - MTD — MOUNTED
 - NG — NATURAL GAS
 - PC — PLUMBING CONTRACTOR
 - PME — PLUMBING/MECHANICAL/ELECTRICAL
 - REF — REFER/REFERENCE
 - RTU — ROOF TOP HVAC UNIT
 - SS — SANITARY SEWER
 - T&P — TEMPERATURE AND PRESSURE
 - TP — TRAP PRIMER
 - TYP — TYPICAL
 - UR — URINAL
 - V — VENT
 - VS — VEGETABLE SINK
 - VTR — VENT THROUGH ROOF
 - W — WASTE
 - W/ — WITH
 - WB — WASHER BOX
 - WCO — WALL CLEANOUT
 - WH — WATER HEATER
 - WM — WATER METER
- NOTE : ALL ABBREVIATIONS MAY NOT APPLY



NOTE:
 1. P.C. SHALL FIELD VERIFY ALL DIMENSIONS.
 2. ALL GAS PIPING IS INSTALLED INSIDE HIGH IN CEILING SPACE EXCEPT WHERE NOTED OTHERWISE.



PAPA JOHN'S
 3316 BRISTOL STREET
 SANTAANA, CA 92704

PLUMBING DETAILS

OCTOBER 15, 2011

P-2