



2020 Los Angeles Green Building Code

FORM **GRN 18R**

WATER CONSERVATION NOTES - ORDINANCE #184248 RESIDENTIAL BUILDINGS

PLUMBING SYSTEM

- Valer use reduction shall be met by complying with one of the following:

 A. Provide a 20% reduction in the overall potable water use within the building. The reduction shall be based on the maximum allowable water use for plumbing finitures and fittings as required by the Los Angeles Plumbing Code. Calculations demonstrating a 20% reduction in the building "water use baseline", as established in Tuble 4.503.41, half be provided; or B. New fittures and fittings shall comply with the C. Plumbing fitness shall use recycled water. Exception: Fixnure replacements (4.303.4)
- New building on a site with 500 square feet or more of cannalative landscape area shall have separate meters or substeners for outdoor water use. [4.304.3]
- Additions and alterations on a site with 500 square fleet or more of cumulative fundscape area and where the entire potable water system is replaced, shall have separate necess or submetters for outdoor water use. (4.304.3)
- In other than single family dwellings, locks shall be installed on all publicly accessible exterior funcers and hose bibs. (4.304.4)
- 6. Provide a cover having a manual or power-operated reel system in zwy pernancetty installed outdoor in-ground swimming pool or up in one-and two-family dwellings. For irregular-olasped pools where it is inflamible to cover 109% of the pool date to its irregular shape, a onininstant of 80% of the pool datal to covered. (4.304.
- Except as provided in this section, for sites with over 500 square fort of landscape area, afternate waste piping shall be installed to permit dischange from the clothes washer; bufshub, showers, and bufferon/restrooms wash besins to be used for a future graywater irrigation system. (4.305.1)
- Except as provided in this action, where City-recycled water is available within 200 feet of the property line, water closets, urinals, floor drains, and process cooling and heating in the building shall be supplied from recycled senting in the building state or support with the Los water and shall be installed in accordance with the Los (4.305.2)

In new buildings of 25 stories or less, the cooling towers shall comply with one of the following:
 A. Shall have a minimum of 6 cycles of concentration

10. In new buildings over 25 stories, the cooling towers shall comply with all of the following:

A. Shall have a minimum or 6 cycles of concentration (blowdown); and

I. 100% of first makeup water supply to the cooling severes shall count from two-potable water sweets, including broath backwash.

(4.205.3)

Where groundwater is being extracted and diacharged, develop and construct a system for onsite reuse of the groundwater. Alternatively, the groundwater may be discharged to the server. (4.305.4)

Provide a bot water system complying with one of the following (Los Angeles Phumbing Code Section 610.4.1):
 A. The hot water system shall not allow more than 0.6 gallons of water to be delivered to any future before

galloins of water to be delivered to any incure before the bot water artivost. Where a hot water recived in the heat trace who system is installed, the branch from the reciveduling loop or electric resistance best trace wire to the fixture alloi contria a mostimum of 0.0 gallonar. Notice that the state of the following.

(blowdown), or (blowd

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2020 Los Angeles Green Building Code

MANDATORY REQUIREMENTS CHECKLIST ADDITIONS AND ALTERATIONS TO RESIDENTIAL BUILDINGS

Permi	1# 22014	. 300000 . 03607	Date:	10.14.2022
ITEM #	CODE SECTION	REQUIREMENT	REFERENCE SHEET (Sheet # or N/A	COMMENTS (e.g. note #, detail #) or reason for N/A
		PLANNING AND DESIGN		
1	4.106.2	Storm water drainage and retention during construction	G-1	GRN-1
2	4.106.3	Grading and paving	A-1	SITE PLAN
3	4.106.5	Cool roof (additions ≥ 500 sq. ft. or ≥ 50%)	N/A	
		ENERGY EFFICIENCY		
4	4.211.4	Solar ready (additions ≥ 2,000 sq. ft.)	N/A	<2000 S.F.(E)-no chan
		WATER EFFICIENCY & CONSERVATION	4	
5	4.303.1	Water conserving plumbing fixtures and fittings	G-1	GRN-14#5
6	4,303,1,3,2	Multiple showerheads serving one shower	G-1	GRN-14 # 6
7	4.303.4	Water use reduction	G-1	GRN-14#6
8	4.304.1	Outdoor water use in landscape areas	G-1	GRN-18R #2
9	4.304.2	Irrigation controllers	N/A	(E) LANDSCAPE
10	4,304,3	Metering outdoor water use	N/A	(E) LANDSCAPE
11	4.304.4	Exterior faucets	N/A	(E) LANDSCAPE
12	4.304.5	Swimming pool covers	N/A	NO POOL
13	4.305.1	Graywater ready	N/A	
14	4.305.2	Recycled water supply to fixtures	N/A	(E) LANDSCAPE
15	4.305.3.1	Cooling towers (buildings ≤ 25 stories)	G-1	GRN-18R # 8
16	4.305.3.2	Cooling towers (buildings > 25 stories)	N/A	
		MATERIAL CONSERVATION & RESOUR	CE EFFICIENC	Y
17	4.486.1	Rodent proofing	G-1	GRN-14 # 9
	4.407.3	Flashing details	G-1	DETAIL # 1
	4.407.4	Material protection	G-1	GRN-14 # 10
	4.408.1	Construction waste reduction	G-1	GRN-14 # 11
21	4.410.1	Operation and maintenance manual	G-1	GRN-14#12
10		ENVIRONMENTAL QUALITY		
22	4.503.1	Fireplaces and woodstoves	N/A	NO FIRE PLACE

As a covered entity under Title it of the Americans with Dissibilities Act, the City of Los Angeles does not discriminate on the basis of dissibility and, upon request, will encode manageable accommodate to encode manageable accommodate to encode manageable accommodate to encode manageable accommodate. Page 1 of 2

(Rev. 90/12/2020)



(Rose 01/01/20)

2020 Los Angeles Green Building Code

FORM **GRN 14**

GREEN BUILDING CODE PLAN CHECK NOTES RESIDENTIAL BUILDINGS All new gas Stephicos must be direct-voré, sealed corobustion type. Wromberolog freephotes are probabled per AQMD Role 445.

(4.503.1, AQMD Stale 445)

All duct and other related air distribution component openings shalf be covered with tops, plastic, or short metal set? the final storage of the lesting, cooling and vanishing communit.

2. For common parking area nowing ill-occupanties, the electrical system shall have selficient expectly to insultaneously charge all designant EV spaces at the fall tausle supergrey of the Enter Volunde Engly Englishmen (FVE), you shall not be lear than tends in its (command i-not instell distorter, that originates at the owns service or subpass and shall reminde the insultaneous englishment of the owns service or subpass and shall reminde the insultaneous englishment of the owns service or subpass and shall reminde the insultaneous englishment of the reminder of the insultaneous englishment of the composition of the proposed function of a EV charger, exceeps and relation components that are passed to be insulfied underground, engineer, textucouslible or its controlled means and quarte valued calculated flowers and the passed of the engineer of th All new carpet and carpet customs installed in the building beforese shalf most the building and product requirements of one of the following (4.59A.3);
 Copyet and Egy landaries's October Label Plan Program.
 California Department of Public Teethis's Specification 01300 e. NSFAASS 149 as the Ookle level
 Scientific Coefficients on Systems Indoor Advantage™ Gold

15. 87% of the total axes meeth-ring stationst flowing shall comply with one or more of the Dilawing (4.596.4).
3. VCC consistent flowing stational in the CEPS Fight Purchaseners Products.
b. Consider mader E. GERENOCJARD Golds
c. Consideration water the Krailler Free Convening Institute (IREC) Flowing on program of the CEPS Fight Convenience or program.
d. Meet the Collisional Dipurchases of Public Health's Specification 91350

Receive with edupes < 2:12 shalf have a 3-year aged SRI value of a least 5-45 to both a 3-year aged solar indicatance of at least 0.83 and a theread emistance of at time 0.83 and a theread emistance of at time 0.85. Receive of 0.85 and 5-year aged solar with edupes 2:12 shalf have a might SRI value of a state 16-8. Say the order of the control of 0.85 and 0.85

d. Mean the California Department of x man.

19. New hardwood phywood, particle board, and residing density fiberboard

19. New hardwood phywood, particle board, and residing density fiberboard

19. New hardwood phywo

 The flow rates for all planting flatures shall comply with the reactions (4.903.1). The Formaldelpule Enteriors Forification Checklin; Form GRN 3, shall be completed prior to final impaction approval. (4.594.5)

A 4-lock thick hose of 55 inch or larger closs aggregate shall be provided for proposed data on grade construction. A vapor batrier shall be provided in direct construct with convents for responsed data on gradu construction. (4.405.2.1)

As a covered entiry under Title II of the Americans with Disabilities Act, the City of Los Angelos does not discriminate on the basis of disability and, upon request, will

following:

a. The hot water supply piping from the water heater to the fixtures shall take the most direct path.

b. The total developed length of pipe from the water heater to therefore the most of pipe from the water heater to further fixture shall not exceed the distances specified in Table 3.6.5 of the California Energy Code Residential Approxix. Energy Code Residential Appendix.
c. The hot water supply piping shall be installed and instalted in secontaince with Section RA3.6.2 of the Celifornia Energy Code Residential Appendix. IRRIGATION SYSTEM 12. A water budget for landscape irrigation use that conforms to the California Department of Water Resources! Model Water Efficient Landscape Ordinance (NWPLED) of required for new landscape areas of 500 sq. ft. or more. The following methods to reduce postable water ase in landscape areas include, but are not limited to, use of captured rainwater, recycled water, graywater, or water treated for irrigation purposes and conveyed by a water detried or public cutty.

As a construct entity resider Title II of the Assertance with Disabilities Act, the City of Los Angeles also sex discriminate on the basis of disability and, upon request, will

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PLUMBING FIXTURE FLOW RATES 2020 Los Angeles Green Building Code

FORM **GRN 16**

WATER REDUCTION FIXTURE FLOW RATES

FIXTURE TYPE	MAXIMUM ALLOWABLE FLOW RATE	
Showerheads	1.8 gpm @ 80 psi	
Lavatory faucets, residential	1.2 gpm @ 60 psi ^{1.3}	
Lavatory faucets, nonresidential	0.4 gpm @ 60 psi ^{1,5}	
Kitchen faucets	1.5 gpm @ 60 psi ^{2.4}	
Metering Faucets	0.2 gallons/cycle	
Gravity tank type water closets	1.28 gallons/flush ⁵	
Flushometer tank water closets	1.28 gallons/flush ⁶	
Flushometer valve water closets	1.28 gallons/flush ⁵	
Urinals	0.125 gallons/flush	
Clothes Washers	ENERGY-STAR certified	
Dishwashers	ENERGY-STAR certified	

Laxatory Faucots shall not have a flow rate less fram 0.8 gpm at 20 pst.

**Clichen faucots may temporary increase flow above the mandamum rate, but not above 2.2gpm

® 80psi and must default to a maximum flow rate of 1.8 gpm @ 80psi
and must default to a maximum flow rate of 1.8 gpm @ 80psi

**Where complying faucots are unavailable, aerotors or offer means may be used to achieve reduction.

**Klichen faucets with a meximum 1.8 gpm flow rate may be installed in cultifings that have water closets with a maximum flush rate of 1.06 gallons/flush installed throughout.

**Includes single and dust flush water closets with an effective flush of 1.26 gallons (4.8 liters).

**Includes single and dust flush water closets with an effective flush occurre shall not exceed 1.28 gallons (4.8 liters). The effective flush volume when tested in accordance with ASME A112.19.233.2.

Dust Flush I foliate - The effective flush volume when tot exceed 1.28 gallons (4.8 liters). The effective flush volume is the composite, average flush volume of two reduced flushes and one fulf flush. Flush volumes will be tested in accordance with ASME A112.19.2 and ASME A112.19.14. *Lavatory Faucets shall not have a flow rate less than 0.8 gpm at 20 psi.

As a covered well y under Tabe it of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and were secured; will provide responsible propagations.

Page Lof L

ITM# SECTION e.g. note #, detail # or NA or reason for N/A) GRN-14#14 23 4.504.1 mechanical equipment during construction Finish material pollutant control 24 4.504.2 Adhesives, sealants, capita GRN-14 # 15 4.504.2.2 4.504.2.3 Aerosol paints and coatings 4.504.2.4 4.504.3 4.504.3.1 Verification GRN-14 # 16 G-1 GRN-14 # 17 Carpet systems Carpet cushion GRN-14 # 18 Composite wood products GRN-14 # 19/20

REQUIREMENT

Capillary break
Moisture content of building materials
Bathroom exhaust fans

37 4.507.2 Heating and air-conditioning system design G-1

2020 Los Angeles Green Building Code

REFERENCE

G-1

A-2

As a covered entity under Title R of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will

(Rev 80/12/1808) Page 2 of 2

LADDBS

CODE

4.505.3

FORM

GRN 9

LA DBS VOC AND FORMALDEHYDE LIMITS
2020 Los Angeles Green Building Code

FORM 2020 Los Angeles Green Building Code (Incorporate this form into the plans) **GRN 11**

		PORMALDEHYDE L	IMRTS?
VOC CONTENT LIBITS FOR ARCHITECTURAL		Meximum Permeldelrysle Emission	u in Porte per Million.
Grams of VOC per Liter of Coating Less Water and Less Execut Genus		PRODUCT	CURRENT LIMIT
COATING CATEGORY 13	CURRENT LIMIT	Hardwood plywood veneer core	0.06
t coefings	50	Herdwood plywood composite core	0.05
riflat coatings	50	Particleboard	9.09
		Medium density Sperboard	0.11
riflet-high gloss coatings	50	This medium density fiberboard ¹	5.13
ocusty Coastings	464		
minum roof coalings	100	Velues in this labbs are disrued trust trace specified by the control of the track of the control of the c	the California Air Resources the
sement specially coatings	400	additional inforestion, see California Oods of Regulations	, 740s 17, Sections 93120 time
urninous roof coelings	50	80 520, 52. * This medium slavelty fluoriscent has a sequinoun disclare	
urninous roof primers	350		
nd breakers	350	SEALANT VOC L	MHT.
norste curing compounds	100	Less Water and Less Energet Compo	CURRENT VOC LIN
ncrete ouring compounds, Roadways &	350	Architectural	5G
dges		Marine deck	780
ncreto/masonry sesiers	100		
Ivenusy sealers	50	Nonmembrane roof	300
y flog coatings	50	Rondway	250
Lot finishing coatings		Single-ply roof membrane	450
Clear Top Cost	100	Other	420
Decorative Costings	360	SEALANT PRIMERS	
Glazes	350	Architectural	
Japan	350	Nonpurous	250
Trowel Applied Costings	50	Porque	775
e resistive coatings	150	Modified billuminous 500	500
or coatings	50	Marine deck	780
nn-release compounds	100	Other	750
	200	Robe: For widthwar objection reparting methods to a frame tokkey, you South Coast Air Coath, blacesported	resoure the VOC ourseot spec
sphic arts costings (sign paints)		Please 100000, year Stauth Coast Air Cluebly Meresponses	Cleaned Photo 1988.
h temperature coatings	420	ADHERVE VOC LI	MT 5.7
ustrief maintenence coalings	100	Less Water and Less Exempt Compa	londe in Grams per Liber
w solida costings)	120	Less Water and Less Exempt Comps ARCHITECTURAL APPLICATIONS	
gnesite cement coatings	450	Indoor carpet adhesives	50
etic texture coetings	100	Carpet pad adhesives	50
tallic pigmented coatings	150	Quildoor carpet adheeives	150
ficolor coatings	250	Wood flooring adhesive	100
streatment wash primers	420	Rubber floor adhesives	80
mers, sealers, and undercosters	100	Subfloor adherives	50
active penetrating sealors	350	Ceramic tile adhesives	65
roycled costings	250	VCT and anohalt life adhesives	50
of coatings	50		50
of coatings, aluminum	100	Drywall and panel adhesives	
	157	Cove beer adhesives	50
at preventative costings	100	Multipurpose construction adhesives	70
refact	100	Structural glazing acheeives	100
Clear	730	Single-ply roof membrane adhesives	250
Opaque	550	Other adhesives not specifically listed	50
	100	SPECIALTY APPLICATIONS	
ecially primers, seelers and undercoeters	100	PVC welding	510
		CPVC welding	490
		ABS weiding	
sine, Interior	260		325
nine, Interior yve consolidents	480		\$25 100
sins, interior swe consolidants intering pool coalings	490 340	Plastic cersent welding	
nine, Interior pse coracilidants intering pool costings offic marking costings	490 340 100	Pleastic cersent welcing Adheelve primer for pleastic	190 550
ins, Interior we consolidarita ferming poof coelings effic merking coelings b and tile refinish coelings	490 340 100 420	Plastic cernent welding Adhresive primer for plastic Contact adhesive	190 550 80
ins, Interior we consolidarita ferming poof coelings effic merking coelings b and tile refinish coelings	400 340 100 420 100	Pleasic cereent welding Active/ove primer for pleasic Contact adhealve Special purpose contact adheave	190 550 80 250
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ins, Interior are consolidants framing pool coatings fills marking coatings fills marking coatings and the rethinh coatings teoproofing membranes ood coatings	400 340 100 420 100	Pleastic cereint welding Activeove primer for pleastic Contact adhesive Speciel purpose contact adhesive Structural sould member adhesive Top sent trins adhesive	190 550 80 250
inins, Interior see consolidants dimining pool coellings diffic marking coelings diffic marking coelings bend the retaining coelings teleprocess desprocess desproces	400 340 100 420 100 275	Plastic cereent welding Activeave primer for plastic Contact adhesive Speciel purpose contact adhesive Structural wood member adhesive	190 550 80 250 140

hom those specified by the Californix Air Resources Be

FORM

GRN 9

COMMENTS

GRN-14 # 21 Detail-1

GRN-14 # 23

FLOOR PLAN

STORM WATER POLLUTION CONTROL (2020 Los Angeles Green Building Code)

FORM GRN 1

Storm Water Pollution Control Requirements for Construction Activities Minimum Water Quality Protection Requirements for All Construction Projects

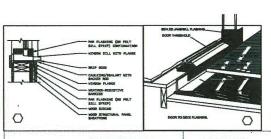
The following notes shall be incorporated in the approved set of construction/grading plans and represents the minimum standards of good housekeeping which must be implemented on all construction

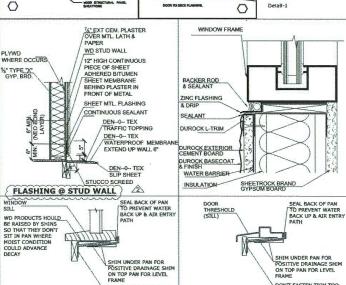
Construction means constructing, clearing, grading or excavation that result in soil disturbance, Construction includes structure teardown (demolition). It does not include routine maintenance to maintain original line and grade, hydraulic capacity, or original purpose of facility; energency construction activities required to immediately protect public health and safety; interior remodeling with no outside exposure of construction material or construction waste to storm water; mechanical permit work; or sign permit work. (Order No. 01-182, NPDES Permit No. CAS004001 - Part 5: Definitions)

- 1. Eroded sediments and pollutants shall be retained on site and shall not be transported from the site via sheet flow, swales, area drains, natural drainage or wind.
- 2. Stockpiles of earth and other construction-related materials shall be covered and/or protected from being transported from the site by wind or water.

 3. Fuels, oils, solvents and other toxic materials must be stored in accordance with their listing and shall
- not contaminate the soil nor the surface waters. All approved toxic storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of properly and shall not be washed into the drainage system.
- 4. Non-storm water runoff from equipment and vehicle washing and any other activity shall be contained
- 5. Excess or waste concrete may not be washed into the public way or any drainage system. Provisions shall be made to retain concrete waste on-site until it can be appropriately disposed of or recycled.
- 6. Trash and construction -related solid wastes must be deposited into a covered receptacle to prevent contamination of storm water and dispersal by wind.
- 7. Sediments and other materials shall not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the street/public ways. Accidental depositions must be swept up immediately and may not be washed down
- 8. Retention basins of sufficient size shall be provided to retain storm water runoff on-site and shall be properly located to collect all tributary size runoff.
- 9. Where retention of storm water runoff on-site is not feasible due to site constraints, runoff may be conveyed to the street and the storm drain system provided that an approved filtering system is installed and maintained on-site during the construction duration.

(Nev. 01/01/20) Page 1 of 1





DOOR FLASHING

DON'T FASTEN TRIM TOO TIGHT THAT DRAINAGE IS BLOCKED

WINDOW FLASHING





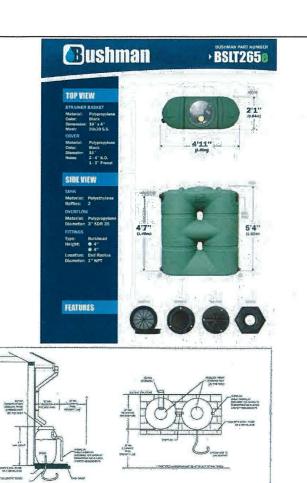
ERDELYI ATES, INC. PETER T. ERDEL & ASSOCIATES, I





ADU Gargae i GREEN

CHNL-011-22:00 SHEET HUMBER G-1 MAY 2022 REV



THE STREET BY A PART IN PART HAVE THE PROPERTY OF

Low Impact Development (LID)

Post Construction Stormwater Mitigation Best Management Practices (BMPs)

STORMWATER BMP(s) VERIFICATION

tipon installation of the approved stormwater BMPs, a Stormwater Observation Report (SOR) Form shall be submitted to Department of Public Works, Bureau of Sanitation, 201 N. Figueros, 3rd floor, station 18. The SOR Form most be with filed and approved by the Bureau of Sanitation prior to the Issuance of a Certificate of Occupancy.

RESIDENTIAL (4 UNITS OR LESS, <10,000\$F, < 2,500 SF within a ESA)

Hen.	Stormwater BMP	Description (Units, total)	Reference Sheet(s)* (Sheet #)
1	Rain Tank(s) - 55 to 130 gal each		
2	Rain Tank(s) - > 130 gal min	2 X 265 GAL BUSHMAN BARREL	LID
3	Shade Tree - min 15 gal	VEGETABLE AREA LESS THAN 25'	LID
4	Flow thru Planter(s)		
ń	Permeable pavers / Porous concrete (min 10% open space)	☐ Incidental; total SF ☐ Infiltration; total SF	
2	Rain Gartien	□# ~Lised; total:SF	
M	Kain Calden	□# - Unlined; total SF	
7	Dry Well	N/A	
8	SUMP Pump (modification was not required)	N/A	

ALL OTHER DEVELOPMENT

il: 5 ≥ units, 10,000 ≥ SF, within a ESA and ≥2,500SF)

	Îtem#	Stormwater BMP	Description (Units, total)	Reference Sheet(s)* (Sheet #)
Inflication	3	Infiltration Basin / Trench		
	R	Der Weil		
	3	Permeable pavers i Perons concrete (min 10% open space).	☐ Incidental: untal SF ☐ Infiltration: total SF	
2 .	ık	Rain Tank(s) 530 gal min		
Captilire & Use	4	Claseon	Ahoye Grade	
92.	- 6	Flow thru Planter(s)		
Discharge	¥	Biofiltration	☐# - Lined; total SF ☐# - Unlined total SF	
947	-8	Vegetative Swale / Filter Strip		
4	9	Caich Basin Filter(s)		
Theat's	10	Trench Drain Filter(s)		
1-	11	Down Spout Filter(s)		
	12	SUMP Pump (multication was not readed)		

RAIN TANK SIZING FO	R NEW ADDITIONA	L AREA /EACH WATE	ER BARREL		
(N) ADDITIONAL AREA		TOTAL ROOF AREA IMPERVIOUS AREA		GALLONS REQUIRED TO BE CAPTURE	TOTAL GALLONS
(N)/(E) AREA	1,283 S.F.	-	0.42%	538 GALLONS	2X265 GALLONS



STORMWATER OBSERVATION REPORT (SOR) FORM

Only to be used for Single Family Residences (4 units or less, <10,000 SF, <2,500 SF within a ESA) LOW IMPACT DEVELOPMENT



IN THE EVENT THAT THE APPROVED STORMWATER BMP CANNOT BE BUILT PER PLAN (OR ANY MODIFICATION), CONSULT WITH BUREAU OF SANITATION STAFF PRIOR TO AN PLAN MODIFICATIONS, FAILURE TO DO SO MAY DELAY OBTAINING A FINAL APPROVAL AN CERTIFICATE OF OCCUPANCY (C of O).

STORMWATER OBSERVATION means the visual observation of the stormwater related Best Management Practices (BMPs) for conformance with the approved LID Plain as significant construction stages and completion of the project. Stormwater observation does not include or scains the exponsibility for the temporations required by Section 108 or other sections of the Chy of Lee Angeles Building Code.

STORMWATER OBSERVATION must be performed by the contractor responsible for the approved LID Plan or designated staff in their employment. Homeowner can also perform the Stormwater Observation if no licensed contractor was two-level. AS PARE OF THE OBSERVATION, PROVIDE PRINTED PHOTOS OF THE BMPS TAKEN DURING VARIOUS CONSTRUCTION PHASES.

STORMWATER OBSERVATION REPORT (SOR) must be signed by the contractor responsible for the approved LID Plan and submitted to the City prior to the issuance to the certificate of occupancy. Homeowner can sign the Stormwater Observation Report if no Ilcensed contractor was involved PRIOR TO CENTRICATE OF OCCUPANCY (C of O), SOR FORM, PRINTED PHOTOS OF THE BMS TAKEN DURING VARIOUS CONSTRUCTION PHASES AND APPROVED STAMPED PLANS BY THE BUREAU OF SANITATION MUST BE SUBMITTED TO THE PUBLIC COUNTER FOR STAFF

Project Address:	Building Permit No.:
2625 CHARITON ST., LOS ANGELES, CA 90034	22014-30K-03607
Contractor / Architect / Engineer responsible for construction of best management practices per approved LID Plan:	Phane Number:

I declare that the following statements are true to the best of my knowledge:

- 1. Lam responsible for the approved LID Plan, and
- 2. I, or designated staff under my responsible charge, have performed the required site visits at each significant construction stage and at completion to verify that the best management practices as shown on the approved plan have been constructed and installed in accordance with the approved LID Plan.

	10.20.2022		The state of the s	
Signature	Dute	Contractor/Arch	ntect/Engineer License	200



	N BARRELS/TANKS
X	Gutter and downspout discharging to top of barrel/tank
X	Vegetated landscaping within 25 ft of each barre//tank.
	1-15 gal shade tree
X	Show inter connections between barrels
X	Show screen at top of tank
X	Show over flow connection(s)
PLAN	YTER BOXES
77400	Waterproofing, Under drain and grave!
	Top soll, planting and 3 inches of mulch
	The state of the s

	Over flow with cap, above mulch, below top of planter wall	many of the familiary of the same
-	Curb cut at street/overflow discharge location	The state of the s
RA	AIN GARDEN	Constitute of the open to be descripted with the object of
	Gutter to downspout discharging to buried pipes	
	27 inches deep (total)	
	Impermeable liner and under drain (WITH LINER)	
	inlet pipe/downspout day lighting at top of rain garden	
	6-9 in depression throughout the entire rain garden	
	Planting and mulch throughout rain garden	and the same of th
	Over flow with cap, above mulch but below top of rain garden perimeter	
-	10 ft sway from all building foundations and private property from (MET) TO ATIONS	

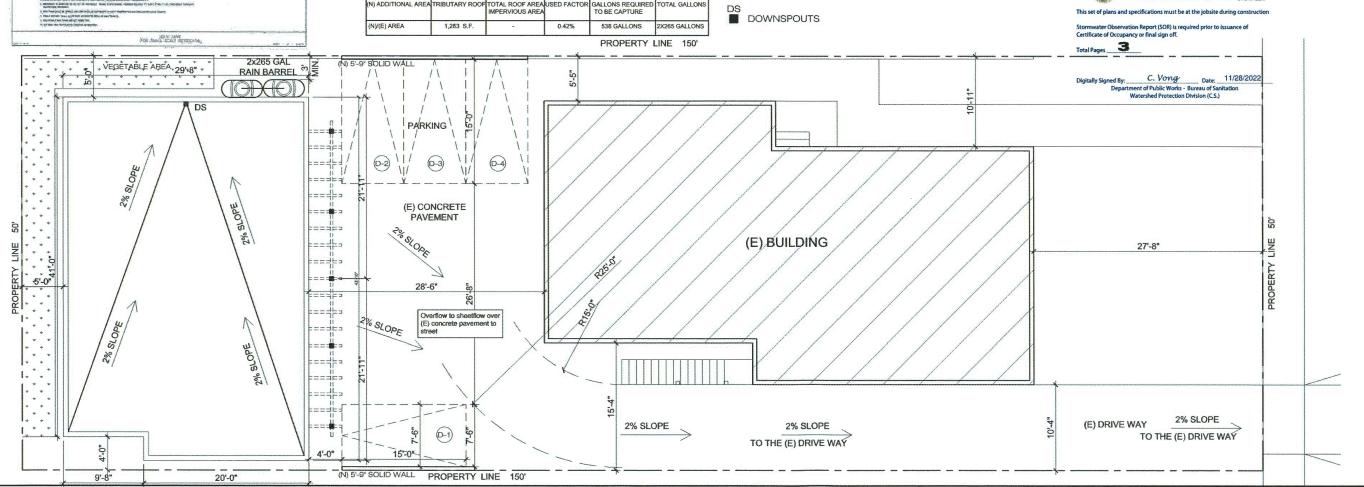
1	FABLE PAVERS (WITH 1 FT SUBBASE OR 2 FT SUBBASE) Gutters to downspout, discharging to buried nine
-	1ft or 2 ft subbase of gravel
	Trench drain 10ft away from building foundation
	All inlets inside trench drain
	Permeable pavers with min 10% open void space

etn. The manufacturer's specification sheet and/or purchase receipt.

RYW	TELL	admitted				
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Like	During constre	ection phase	Designation of the last of the		NAME OF TAXABLE PARTY.	manager manager
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ater Observation Report (SOR) is required prior to issuance of





DATE: 10.20.2022 PG 22014-30K-03607

No. 26962 exp. 03-31-23

PETER T. ERDELYI & ASSOCIATES, INC. ANGELES, CA.90(

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ert Existing Detached Gargae into 2-New 2825 CHARITON ST., LOS ANGELES, CA 90034

CHNL-011-22:00 LID MAY 2022 REV

P/BC 2017-024

STRUCTURAL OBSERVATION/ SIGNIFICANT CONSTRUCTION STAGES (Only Checked Items Are Required

Architect or Engineer of Record for the project to be responsible for the "Structural Observation"

Name: PETER ERDELY! □ Licensed Architect □ Registered Engi

Phone: (310) <u>553-9339</u> California Registration Number: <u>26962</u>

Construction Stage	Construction Type	Elements/Connections to be observed
Foundation	■ Footing, Stem walls, Piers ■ Mat Foundation ■ Caisson, Pile, Grade beams ■ Stepping/Retaining Foundation, Hillside Special Anchors ■ Others:	
Wall	☐ Concrete ☐ Masoriry ② Wood ☐ Others:	
Frame	□ Steel Moment Frame □ Steel Braced Frame □ Concrete Moment Frame □ Others:	
Diaphragm	☐ Concrete ☐ Steet Deck ☐ Wood ☐ Others:	
Others		

DECLARATION BY OWNER OR OWNER'S REPRESENTATIVE I,
the owner of the project the owner's representative, declare that the above listed firm or individual is hired by me to be the Structural Observer.

As a covered entry under Title 11 of the Americans with Dusbilles Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accomplished to ensure stated access to the procures, services and activities.

Page 8 of 8

SECTION 1704.6 STRUCTURAL OBSERVATIONS

1704.6 General. Where required by the provisions of Section 1704.6.1 or 1704.6.2 the owner shall employ a registered design professional to perform structural observation as defined in

At the conclusion of the work included in the permit, the structural observer shall submit to the building official a written statement that the site visit have been made and identify any reported deficiencies that, to the best of the structural observer's knowledge, have not been resolved.

1704.6.1 Structural Observations for Seismic Resistance.
Structural observations shall be provided for those structures

included in Seismic Design Category D, E or F, as determined in Section 1613, when one or more of the following conditions

- 1. The structure is classified as Occupancy Category III or
- IV on accordance with Section 1604.5 2. The height of the structure is greater than 75 feet
- (22860 mm) above the base.

 3. The structure is assigned to Seismic Design Category E, is classified as Seismic Category I or II in accordance with Section 1604.5 and is greater than 2 stories in
- 4. When so designated by the registered design professional in responsible charge of the design.

 5. When such observation is specially required by the
- building official.

1704.6.2 Structural Observations for Wind Requirements.

Structural observation shall be provided for those structures sited where the basic wind speed exceeds 110 mph (49 m/s), determined from figure 1609, where one or more of the

- The structure is classified as Occupancy Category III or IV in accordance with table 1604.5
- 2. The building height is greater than 75 feet (22860 mm).

 3. When so designated by the registered design professional in responsible charge of the design.

 4. When such observation is specially required by the
- building official.

IMPORTANT NOTICE TO OWNERS, BUILDERS, DEVELOPERS

California Building Code CBC 2019, 1704.6, and local ordinances require that all structural elements to be inspected and approved by the engineer of record prior to inspection by city official. Please refer to the structural observation schedule in these plans for mandatory elements to be observed. This Building Code Section was created to protect the Owners from any mistakes during construction.

Mandatory structural observation is not the same as special (continuous) inspection by a deputy inspector for special materials or procedures! Mandatory structural observations must precede the city or county inspections.

Failure to have all structural elements observed and approved by the engineer of record may result in construction deficiencies, reduced safety of the building and may reduce our civil liability for the building.

Please note that we will not be able to give a final approval if any of the listed items is not observed. completed and approved in writing.

Please contact Peter T. Erdelyi & Assoc., Inc. if you have any questions or would like to schedule an observation:

310-553-9339 / Ext. 683

NOTE;

These STRUCTURAL OBSERVATION are the REQUIRED PHASES ONLY.

The CONTRACTOR is responsible how many of these Phases the Structural Observer can be verified during one Observation to REDUCE the number of Site Visits.

MANDATORY PRE-CONSTRUCTION MEETING

The purpose of the Pre-Construction Meeting is to inform the Contractor about the important structural elements to be inspected by the Structural Engineer of Record,

ATTENDANTS:

Structural Engineer, Architect, Contractor, Building Inspector,

TIME:

Date Notes:

Prior to Start of any Construction or Demolitic

Signature of Structural Observer by Peter T. Erdelyi & Associates	Date	Si
	Notes:	
 	===========	

MANDATORY FOOTING, FOUNDATION STRUCTURAL INSPECTION

The purpose of the Fooling, Foundation Inspection* is to Insure that the Size, Depth of the Foolings, placing and size of all Rebars, Indeeded hardware are per Structural Plans, Prior to pour any Concrete on the Job.

* by the Structural Engineer / Observ

Prior to Pour any Concrete for this particular phase. If concrete is cast in different Phases, each Phase is to be inspected by the Structural Engineer of Record.

Date	Signature of Structural Observer
	by Peter T. Erdelyi & Associates
Notes:	

FOUNDATION SHEARWALLS. STRUCTURAL OBSERVATION

The pumpee of the Foundation Shearwall Inspection* res purpose or de l'outration oriente au propriet le la branche de la br

* by the Structural Engineer / Observe

TIME:

iotes:			

FIRST FLOOR SHEARWALLS STRUCTURAL OBSERVATION

The purpose of the First Floor Shearwell inspection" The purpose of the First Floor Sheem was reproduced to the first biddings, grade of physical sheemeds, size of pisses, study, nails, size, specing and penetration are per Struchtural Plans: Special satisfation is to be given to shearwall schedule on S-0 to insure nailing, botting, leg screw, blocking

Before any cover of Drywall, Waterproofing Paper, Pfaster, Stucce to block the viewing of all above mentioned Structural Elements.

	 our r. crowy	St. Managements	
Notes :			

FIRST FLOOR WALLS AND ROOF FRAMING

* by the Structural Engineer / Observer

ROOF DIAPHGRAM STRUCTURAL OBSERVATION

SCOPE:

The purpose of the Roof Disphragms Inspection' is to insure that the Thickness, Grade of Physicol sheathing, nall sizes, pagacing and pentations are per Shuxtural Plans. Special attention is to be given to the different field, edge and boundaring. Do not proceased with covering the physicol construction until Structural Observer approved this Phases, since covering the physicol continuous field of the physicol state of the physicol state of the physicol state of the physicol state of the thin paling pathways.

Notes:

FINAL STRUCTURAL OBSERVATION

The purpose of the Final Structural Inspection is to insure that all Structural Elements of the building are constructed in accordance with the Approved Structural Plans.

After every and All Mandatory Structural Inspections are signed off by the Structural Observer of PETER T. ERDELY1 & Associates, Inc. Structural Engineering, and Prior to the City or County Inspector's Final Approval. Failure to Compty with ALL required Structural Observations may cause the Denial of the

Compilance Approved

Notes:

REVISIONS

No. 26962 exp. 03-31-2

PETER T. ERDELYI & ASSOCIATES, INC. URAL ENGINEERING & STRUCTURAL IND AVE., SUITE #103, CULVER CITY, (310)553-939 FAX NO.; (310)284-71



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CHNL-011-22:00

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INF 2022 RE

GENERAL STRUCTURAL REQUIREMENTS

BUILDING CODES

THE INTERNATIONAL SULLING CODE (RE), 2018 EDITION AND THE MINIMAL DESIGN LOUIS FOR BUILDINGS AND DITIED STRUCTURES (SEC 7-18), AMERICAN CONCRETE RESTRITUTE AS 318-718, SERMED ESSON MANUAL ASS 34, STEEL CONSI MANUAL ASS THERTELHT EDITION, BUILDING CODE REQUIREMENTS FOR MASCARYS STRUCTURES (TMS 402/802-16), AND HANDRAL ASSEND S'ECCIFICATION HOS 2018 EDITION. THE INTERNATIONAL

L LOS ANGELES BUILDING CODE	(LABC), 2020	EDITION WHERE	APPLIC	ABLE.		WIND DESIGN FACTORS	
OADS:						GUST EFFECT FACTOR	0.85
~ DESIGN LOADS		005140 00	mou r	LOTABA		WHO SWECTOHALITY FACTOR	1.0
- DESIGN LOADS		-SEISMIC DESIGN FACTORS				VELOCITY PRESSURE	0.7
SUPER IMPOSED LOADS ASSUMED IN THE DESIGN		OCCUPANCY	6	MPORT		EXPOSURE COEFFICIENTS	u,
ROOF DEAD LOAD	15 PSF.	CATEGORY		FACTOR		TOPOGRAPHIC FACTOR	1.0
WOOD FLOOR DEAD LOAD	PSF.	SPIE CLASS	D	ρ	1.3	EQUIVALENT BASIC WIND SPEED	94
CONC. FLR DEAD LOAD (SUPERIMPOSED)	PSF.	Se	2.027	See	1.622	IMPORTANCE FACTOR (CATEGORY 8)	1.0
UNREDUCED ROOF LIVE LOAD	20 PSF.	Sc	0.72	Sex	0.816		
UNREDUCED FLOOR LIVE LOAD	40 PSF	R (N-S)	6.5	O _b	3.0	PISK CATEGORY : H	
BALCONY	60 PSF.	R (E-W)	6.5	Ce	4.0	SEISMIC RESISTING SYSTEM:	
STAIRS	100 PSF.	LAT.= 34.035 LONGIT.= -118.380		LIGHT-FRAME (WOOD) WALLS SHEATHE WITH WOOD STRUCTURAL PANELS RATE FOR SHEAR RESISTANCE			
		SEISMIC DESIGN CATEGORY :D					

1. ALL WERN SHALL COMENTY WITH HALT THE SPECIALISE FEEDBAL LAWS, STATE STRUTTE LOCAL COSMINATES AND THE SECULATION OF COSMICIAES HANDLE RESISTANCE OF THE PROPERTY THE CONTINUOUS SHALL ASSISTANCE REPORTED FOR COMPLYING WITH THE CONSTRUCTION SHAFTY ORDERS AND THE COMPARE ROUSETRIAL SHAFTY ORDERS OF THE STATE COCKPATIONAL SHAFTY AND HEALTH ADMINISTRATION AND SUCH OTHER AZENDES COMPRISED THE CONTINUOUS COSTS. TO CONTRACTOR SHALL BE RESPONSIBLE FOR AND HOLD HADBLESS THE STRUCTURAL DISDRESS, RATHLES, CORDINACTOR AND ADMINISTRATION AND SUCH OTHER AZENDES COMPANIES AND EXPENSE OF THE PROPERTY OF THE STRUCTURAL DISDRESS, ARCHITECTURAL DISDRESS, ARCHITECTU

3. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE FIELD VERFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK. NOTED DIMENSIONS SHALL SUPERSEDE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL REPORT ANY DISCREPANCES PRIOR TO COMMENCEMENT OF WORK.

4. THE DESIGN, ADEQUACY, AND OVERALL SAFETY OF ANY ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS SOUR RESPONSIBILITY OF THE CONTRACTOR AND HAS NOT BEEN TAKEN INTO CONSIDERATION BY THE ARCHITECT OF STRUCTURAL BROWNER. THE CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURE THE STRUCTURE PRIOR TO THE APPLICATION OF ALL SHEATHING AND TIMES MATERIALS. OBSERVATION WITS TO THE STRUCTURE SHEATHER OF THE APPLICATION OF THE APPLICATION OF THE APPLICATION OF THE APPLICATION.

6. ALL WORK SHALL BE PERFORMED IN A SOUND MANNER, PROVIDING A COMPLETED PROJECT WITH ALL MATERIALS, ASSEMBLES, AND SYSTEMS CORRECTLY INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND PERFORMING IN A MANNER CONSISTENT WITH MEDISTRY STANDANDS. MANAGER CONSISTENT WITH PROGRESS STANDARDS.

A BY DEFINITION "CONSTRUCTION DOCUMENTS" SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: DRAWINGS, SPECIS-CATIONS, STRECTURAL CALCULATIONS, SOLS REPORT, STATE MANDATED ENERGY CALCULATIONS AND NOTES, GEOLOGY REPORT, ACOUSTICAL REPORT, ACDICIOUS, HARD GROBERS, AND CARRICATIONS

WE SHARE A CONTROL REPORT, ADDICAUM, CHARGE GROBERS, AND CARRICATIONS

WE SHARE A CONTROL REPORT, ADDICAUM, CHARGE GROBERS, AND CARRICATIONS

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WE SHARE A CONTROL REPORT ADDICATION, CHARGE GROBERS, AND CARRICATIONS

WE SHARE A CONTROL REPORT AND CARRICATIONS

WE

7. THE CONTINUEDS SHALL ARROWSE FOR ALL YESTING AND ROPECTIONS, REQUESTS BY THE CONSTITUTIONS DOCUMENTS. ANY ASSENCE VANIOUS ASSESSMENT OF THE REPORT (I.E. COS. BELLIONE, GRANGE, MAN HEALTH TO PERMINANTS.). A ALL FORMATION EXCAVATIONS SHALL BE REFECTED AND APPROVED BY THE SOLS ENGINEER AND LOCAL BUILDING RESPECTED FOR TO PLACEMENT OF REPORTSOLS.

8. ALL RECOMMENDATIONS OF THE SOILS AND/OR GEOLOGY REPORTS ARE CONSIDERED PART OF THE CONSTRUCTION DOCUMENTS AND SHALL BE IMPLEMENTED. A COPY OF THE SOILS REPORT SHOULD BE KEPT ON SITE FOR THE DURATION OF

A PRIOR TO THE ISSUANCE OF THE BUILDING AND/OR GRADING PERMIT THERE SHALL BE NO TRENCHES OR EXCAVATIONS 5 FEET OR NORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND.

10. THE ENTIRE CONSTRUCTION SITE SHALL BE ACCESSIBLE TO FIRE DEPARTMENT PERSONNEL BY MEANS OF OPENING GATES, ACCESS LADDERS, OR OTHER MEANS WHICH WILL NOT PROHIBIT FIRE FIGHTING ON SITE.

11. THERE SHALL BE NO DEVIATION FROM THE STRUCTURAL DETAILS WITHOUT A WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER-OF-RECORD. APPROVAL BY THE LOCAL BUILDING INSPECTOR DOES NOT CONSTITUTE AUTHORITY TO DEVIATE FROM THE CONSTITUTION DOCUMENTS

12. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.

13. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE RINGSHED STRUCTURE. THEY DO NOT INDICATE THE WIRHOOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SIZE HEAVEST SHALL NOT RECISES SHALL NOT RECISES FOR ELIGIBLE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION MISTS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT RICLIDE INSPECTION OF THE ABOVE TIEST.

15. PIPES SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED

16. CONTRACTOR SHALL BIVESTIGATE SITE DURING CLEARING AND EARTHWORK PERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, O'STERMS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, STRUCTURAL ENGINEER SHALL BE NOTHERD AMEDIATELY.

17. CONTRACTOR TO PREPARE SHOP DRAWINGS FOR ALL CONCRETE REINFORCEMENT, STRUCTURAL STEEL, SPECIAL FLOOR & RODE JUSTS, WOOD TRUSSES, ETC. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORDS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

18. CONSTRUCTION MATERIAL SHALL BE SPREAD OUT # PLACED ON FRAMED ROOF OR FLOOR. LOAD SHALL NOT EXCEED THE DESIGN LUKE LOAD PER SOLUARE. POOTFROWDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.

19 CONTROLLED ACTIVITY INSPECTION IS REQUIRED FOR (BUILDINGS OVER 5 STORIES)(BUILDINGS OVER 50,000 SQ FT OF GROUND FLOOR AREA) (BUILDINGS OVER 200,000 SQ FT OF FLOOR AREA)

STRUCTURAL CONCRETE NOTES

T, ALL REINFORCED AND UN-REINFORCED CONCRETE WORK SHALL COMPLY WITH THE LATEST EDITION OF THE ACI 318 CODE AT THE TIME THIS PROJECT IS DESIGNED AND PERMITTED.

MATERIAS:
A. CONCRET.

() MINIMAL STREED CHANGETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE AS SHOWN BELOW.

() MINIMAL SHOTED CHARMES ON PLANS)

1 THE CONCRETE SLUMP HALL NOT EXCELD AT INCHES WITHOUT PLASTICIZER. CONSULT WITH THE STRUCTURAL DYGINEER

(F. HOGER SLUMP IS SUCCESTED.

(9) PROPERTY WHATE ALL CONCRETE DECEPT CONCRETE FOR SLAB—OH—GRADE IN FLAT AREAS.

(9) NO TY ASH JOSTIMES SMALL BE USED IN TLATINGS OF ANCH SECTURALLY EXPOSED CONCRETE LIKEDS APPROVED

(8) THE CHARGES OF REGIONAL ON THE ARCHITECT.

ELEMENT	fc (PSI)	DEPUTY INSPECTION	ELEMENT	fc (PSI)	DEPUTY INSPECTION
ISOLATED PADS	2500	NOT REQUIRED	STRUCTURAL SLABS	-5009-	REQUIRED
CONT. FOOTINGS	2500	NOT REQUIRED	BEAMS	-5000-	REQUIRED
PILES & ORADE BEAMS	3000	REQUIRED	COLUMNS	-6680-	REQUIRED
SLAB-OH-GRADE	2500	NOT REQUIRED	RETAINING WALLS	-5000-	REQUIRED

B. CEMENT: TESTED TYPE I PORTLAND (ASTM C-150)
C. AGGREGATES: 1.0" MAX FOR FDOTINGS AND \$\frac{3}{2}\text{ MAX FOR ALL OTHER WORK, (ASTM C-33)}
D. WATER DRINKHABLE
E. REMPORENG:

REINFOCKING: (f.ym. 60/S)) DEFORMED BARS FOR ALL BARS, EXCEPT GRADE BEAMS AND PILE CAPS. FOR GRADE BEAM PROVIDE LOW ALLOY ASTM A706 (f.ym. 60/S)) DEFORMED BARS. ALL GRADE GO REINFOCKING TO BE WELFED SYALL BE ASTM A706. RELECT WISE FRANCE PER ASTM A706. MAS TWO TAXMS AND AT TAXM RELECT WAS THE PROPERTY OF PROCEDURE WITH THE STRUCTURAL ENGINEER. LATEST AG CODE AND DETAILING MAINLAL APPLY. CLEAR CONDECTE COVERAGE AS FOLLOWS (MISSES NOTED OTHERWISE ON PLANS).

EXPOSED TO EARTH OR WEATHER : #6 THROUGH #18 BARS #5 AND SMALLER CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND : BEAM, COLUMNS: PRIMARY REMFOREMENT, RES, STRRUPS, SPIRALS
PLAT SLAG AND ALL OTHER FER LATEST EDITION OF ACI 318-14

(i) LAP SPLICES IN CONCRETE: LAP SPLICES, UNLESS NOTED OTHERWISE, SHALL BE CLASS '8' TENSION LAP SPLICES PER LATEST EDITION OF ACI JIR. LAP SPLICES IN CONCRETE COLLAINS SHALL BE STANDARD COMPRESSION LAP SPLICES. STACKET SPLICES A MIDMENN OF ONE LAP EINSTALL LAPS IN MEDIO WHET FARIOS SHALL BE MANDE SO THAT THE OVERLAP, MEASURED BETWEEN CUTENUSS CROSS WIRES OF EACH FARIOS CHALLE OF ANTROID TO STAND THAT THE CROSS WIRES PLUS 2 WORKS. ALL MEDIOS WIRE FARIOS CHALLE OF ANTROID TO STAND PROPER CLEARMINGS.

3. ONLY ONE GRADE OF CONCRETE SHALL BE PERMITTED ON THE JOB SITE AT ONE TIME

1. POSTION, SUPPORT AND SECURE PERFORCEMENT ADARST DISPLACEMENT WITH METAL CHARS, RUNNERS, SPACERS, BOLSTERS OR HANCEPS AS REQUESTED TO PROVICE PROUNDING OLDANANCES. DIRECT WISE THIS INTO CONCRETE, NOT TOWNSO EMPORED CONCRETE SUPPLACES. WARRAND LOCAR DISTANCE EMPICES SOL HAVE PERFORCED. SHALL BE STRONG SUPLESS OFFINANCES.

PROVIDE CONSTRUCTION, ISOLATION, SEISMIC, AND CONTROL JOINTS AS REQUIRED, LOCATE JOINTS SO AS NOT TO IMPAIR THE STRENGTH AND/OR APPEARANCE OF THE STRUCTURE. PLACE ISOLATION AND CONTROL JOINTS IN SLABS-ON-GRADE AT 20 FEET ON CENTER EACH WAY TO IMMARIZE CRACKING.

3. 5/8" MANINUM NOMINAL BLAMETER, EMBEDDED AT LEAST 7" INTO THE CONCRETE AND SPACED NOT MORE THAN 6 FT. APART, WITH TWO BOLTS PER PIECE EACH ONE NOT MORE THAN 12" OR LESS THAN 7 BOLT DIAMETERS (4-3/8") FROM END.

4. FORWINDER SUPPORTING VERTICAL SURFACES MAY BE REMOVED AFTER A MINIMUM OF 2 DAYS. ALL OTHER FORWINDER MAY BE REMOVED ONLY WHEN THE CONCRETE HAS REACHED 75% OF ITS 28 DAY STRENGTH.

5. POWDER ACTUATED FASTENERS (Lo. SHOTPINS) SHALL BE LC.C. APPROVED.

6. CONSOLIDATE CAST-IN-PLACE CONCRETE USING MECHANICAL VIBRATING EQUIPMENT, HAND RODDING AND TAMPING SO THAT CONCRETE IS WORKED AROUND ALL REINFORCEMENT AND OTHER EMBEDDED ITEMS AND TIGHT TO ALL EDGE.

7. PROTECT CONCRETE FROM PHYSICAL DAMAGE OR REDUCED STRENGTH DUE TO MEATHER EXTREMES DURWNG MOTING, PLACSURINT, AND CURING BY COMPLITING WITH THE FOLLOWING;
A IN COLU MEATHER ----- A.C.I. 306
B. IN HOTT MEATHER ----- A.C.I. 306
B. PINCHT MEATHER ----- A.C.I. 306
B. PINCHT TO PLACING CONCRETE REMOVE ALL DEBRIS, WATER, MUD. AND LOOSE EARTH FROM EXCAVATED AREA.

MASONRY

CONCRETE BLOCK: SHALL BE HOLLOW LOAD BEARING MASONRY UNITS CONFORMING TO ASTM—C-90 GRADE N, TYPE I, MEDIUM WT., GRAY, $f_{\rm IM} \approx 2000$ PSI. A LETTER OF CERTIFICATION FROM THE SUPPLIES NALL BE RECOVE AT TIME OF, OF PROPA TO BELIVERY OF MATERIALS.

2. MORTAR AND GROUT. TO BE TYPE "S". MORTAR TO BE: 1 PART CEMENT, 3 1/2 PART SAND, 1/4 PART LINE PUTTY

3. PEA-GRAVEL CONCRETE GROUT TO BE: 2000 PSI AT 28 DAYS; 1 PART CEMENT, 3 PARTS SAND, AND 2 PARTS PEA GRAVEL.

GROUT POUR SHALL BE LIMITED TO 48" AT WORK STOPPAGES, HORIZONTAL CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING GROUT 1 1/2" BELOW TOP OF MASONRY, GROUT SHALL BE TAMPED TO ASSURE FILLING OF ALL VOIDS.

5. DRYPACK SHALL BE A 1:2 STIFF MIX.

6. BED JOINTS TO BE FULLY BEDDING MORTAR, HEAD JOINTS TO BE SOLIDLY FILLED AT LEAST 1 $1/2^\circ$ FROM EACH FACE.

STEEL NOTES

THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING.
A ALS.C. "CODE OF STANDARDS FOR STEEL BUILDINGS AND BRIDGES".
B. ALS.C. "SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR

BUILDINGS .

C. A.W.S " STRUCTURAL WELDING CODE" AND/OR ANY APPLICABLE LOCAL REGULATIONS

2. ANY CONFUCTS BETWEEN THE ALS.C. AND A.W.S. CODES SHALL BE CLARIPED WITH THE STRUCTURAL ENGINEER PRIOR TO FABRICATION.

3. TREADS AND ENTROPHS OF STEEL STARS SHALL BE CAPABLE OF SUPPORTING A UNIFORM LOAD OF 100 PSF OR A CONCENTRATED LOAD OF 300 Bb. AT THE PORTES) WHICH WORLD CREATE THE MANDRIAN STRESS CONCINONE.

4. HAROMALS AND DEPOLATE AND ESCAPABLE OF SUPPORTING A LOAD OF 50 PS SEPTIOLLY OR MANDRIAN STRESS CONCINONE.

4. HAROMALS AND DEPOLATE RAILS BALISTERS. AND VERTICALLY OR MOREOSITALLY. INTERMEDIATE RAILS BALISTERS. AND VERTICALLY OR MOREOSITALLY. INTERMEDIATE VERTICALLY AND

5. PSF MOREOSITALLY.

ALL STEEL TO BE COATED SHALL BE CLEANED TO BASE METAL AND BE FREE OF ALL CRS., RUST, SCALE OR ANY OTHER DELETERIOUS MATERIALS. STEEL FABRICATOR SHALL BE L.A. CITY LICENSED.

7. LADBS LICENSED FABRICATOR IS REQUIRED FOR STRUCTURAL STEEL.

B. PROVIDE LEAD HOLE 40%-70% OF THREADED SHANK DIA. AND FULL DIA. FOR SMOOTH SHANK PORTION

1 ALL LIGHTGAGE METAL FRAMING SHALL BE AS HOTED BELOW: INTERIOR STUDS: GALVANIZED

ALL LIGHTGAGE METAL FRAMING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AISI "SPECIFICATIONS FOR DESIGN OF COLD FORMED STEEL STRUCTURAL, MEMBERS" LATEST EDITION

3. ALL LIGHTGAGE METAL FRAMING SHALL CONFORM WITH THE FOLLOWING

12.14 & 16 GAGE GALVANIZED STUDS. 18 & 20 GAGE GALVANIZED STUDS: GALVANIZED TRACK, END OLDSURES, BRIDGING AND ACCESSORIES ASTM A653, GRADE 50 (Fy = 50,000 psi) ASTM A653, GRADE 33 (Fy = 33,000 psi) ASTM A653, GRADE 33 (Fy = 33,000 psi)

4. AS A MINIMUM, DOUBLE VERTICAL STUDS SHALL BE STITCH WELDED TOGETHER ON BOTH FLANGES WITH $1/16^\circ$ GROOVE WELDS X 1° LONG AT 12° ON CENTER, U.N.O.

5. MINIMUM STUD PROPERTIES SHALL BE AS INDICATED ON PLANS.

7. AS A IMPHALIM, ANCHOR STUD TRACKS WITH HILTS 0.145° DIAMETER X-DNB (ESR-1643) LOW YELOOTY POWDER DRIVEN INSERTS 6 16° OC OR APPROVED EQUAL. THE INSERTS SHALL HAVE A IMPHALIMA 141° EMBERDARIM MOT THE CONCRETE AND SHALL BE LOCATED A IMPHALIM ST FROM ANY CONCRETE EDGE. THE INSERTS SHALL BE PLACED ADJACENT TO EACH WALL STUD AT A MAJIMUM DISTANCE OF 2°.

9 ALL METAL STUDS TO BE MANUFACTURED BY MEMBERS OF THE STEEL STUD MANUFACTURER'S ASSOCIATION, SSMA ESR-3084P1, U.N.O.

FOUNDATION

ALLONABLE BEARING PRESSURE - 1,500 PSF (PER CBC 2019 & LABC 2020) IF ADVERSE SOIL CONDITIONS ARE ENCOUNTERED, A SOIL INVESTIGATION REPORT MAY BE REQUIRED

TIMBER NOTES

1. THE FOLLOWING CODES AND SPECIFICATIONS SHALL GOVERN THE CONSTRUCTION OF STRUCTURAL WIDOD SYSTEMS:

A. 1. HE RETERIATIONAL BULDING CODE (BC), 2018 EDITION AND THE MINIMUM DESIGN LOADS

A. 1. HE RETERIATIONS AND OTHER STRUCTANGES (2018 EDITION AND THE MINIMUM DESIGN LOADS

C. CALFORNAL SHALDING CODE (ESC), 2018 EDITION

A. LOS ARECELS BULDING CODE (LABC), 2009 EDITION WHERE APPLICABLE.

B. NATIONAL DESIGN SPECIFICATION (MOS) 2018 EDITION

C. WHAPA OR ROLE STANDARDS GRADING MULES FOR MESTERN LIMBER

D. PS-1 PLYNOOD STANDARDS

E. AND A. 2008 — PARTICLEBOARD SPECIFICATIONS

NO CHANGES OR SUBSTITUTIONS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

3. DINDISION LUMBER SHALL BE SAS DOUGLAS FIR-LARCH UNLESS OTHERWISE NOTED ALL STRUCTURAL MEMBERS SHALL BE GRADE STAMPED BY A CERTIFIED INSPECTION AGENCY

4. ALL WOOD W CONTACT WITH CONCRETE OR MASDRRY SHALL SE PRESSURE TREATED. WHERE WOOD IS NEARER THAN 6" TO EARTH USE PRESSURE TREATED WOOD UNESS SEPARATED BY A 3" CONCRETE. SLAD WITH AN IMPERVIOUS MEMBRANE SETMENT EARTH AND CONCRETE.

5. DIMENSION LIMBER SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% AT THE OF CLOSING IN OF BUILDING.

6. ALL WOOD CONNECTORS INDICATED SHALL BE SIMPSON STRONG—TIE OR USP UNLESS SUBSTITUTES ARE APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER.

MATERIALS

SHEATHING
 ALL PLYMOOD SHALL CONFORM TO PS 1-95 AND BE OF GRADE, INDEX NO. AND THICKNESS CALLED FOR ON THE PLANS. ALL PLYMOOD SHALL BE BONDED WITH EXTEROR GLUE

C. ALL PLYWOOD NAUNG SHALL BE INSPECTED BY THE BUILDING INSPECTOR PRIOR TO COVERING 800E SHEATHING: 1/2" THK. PLYWOOD STR-1 W/ 10d NAKS AT 6:12 O.C. BOUNDARY MAKING AT ALL GRIDLINES UNBLOCKED.

 $\frac{\text{PLOOR SHEATHING:}}{\text{HARLING OR 4:6 O.C. BOUNDARY TAG NARIAGE AT 4:6:6 O.C. BOUNDARY TAG NARIAGE AT ALL GRIDLINES BLOCKED.}$ MONCATES SHEAR WALLS (NOT NECESSARLY PLYMOOD)

WHONCATES SHEAR WALLS (NOT NECESSARLY PLYMOOD)

EXTERIOR WALLS: $7/8^\circ$ THK. COMENT PLASTER ON FURRED OR SELF-FURRING EXPANDED METAL OR FABRIC LATH WITH #11 GA., 1 $1/2^\circ$ LONG, $7/16^\circ$ DIA. HEAD GALV. AT 6° O.C.

3. PHESSARE TREATED LUMBER
A LIMBER AND PLYMODE WITH WATER-BORNE PRESERVATIVES TO COMPLY WITH AWPA UI AND MA
PESPECTIVELY WOOD FOR ABOVE GROUND USES USE AWPA UI OR EQUIVALENT.
C PRESSARE TREAT CALLES, NALESS, BLOCKING, STRIPPING MAS BALLAR TIBLS IN CONJANACITON
D. PRESSARE TREAT SILES, SEEPERS, MALERS, BLOCKING, FURPING AND SIMLAR TIBLS IN DIRECT
CONTACT WITH CONCRETE OR MASGINEY, DE USE ENDIWOOD.

4 QUE-LAMBRATED UNITS
A ALL UNITS SHALL COMPLY WITH ALT.C. 190.1 AND BEAR ETHER THE ALT.C.OF THE APA/EWS
"JOUALTY PRECEDE" MARK. LA. CITY BLUC. IEPT... LICENSES PARRICATOR RECO.
SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF ALT.C.—117. "DESIGNING, STANDARD
SPECIFICATIONS FOR STRUCTURAL QUE-LAMBRATED THERE OF SOFTEROOL SPECIFICATIONS FOR STRUCTURAL QUE-LAWANTED THERE OF SOFTEROOL SPECIFICATIONS FOR STRUCTURAL QUE-LAWANTED THERE OF SOFTEROOL SPECIFICATIONS FOR STRUCTURAL QUE-LAWANTED THERE OF SOFTEROOL SPECIFICATION OF THE DRAWNINGS. ALL UNDESESS SHALL
BE CRADED 247—VA HURSES OTHERWISE HOUSE, UTILIZION OF ART-LOSS ARMENSES CONFIDENCY TO THE STRUCTURAL OF ARCHITECTURAL DEPARTMENT UNITED OF THE STRUCTURAL OF ARCHITECTURAL DEPARTMENT UNITEDS OTHERWISES.

5. PARALLAM

A PARALLAM FRAMING SHALL COMPORM WITH THE FOLLOWING:
SPEAR MODULUS OF ELASTICITY G = 137.500 PS

MODULUS OF ELASTICITY E = 2.0 X 10 Ms.

B. HET REPORTATION OF PARALLAM SHALL BE COMMENTED FOR A LICENSED TIPE 1

FRENCH CONTROL OF PARALLAM SHALL BE COMMENTED FOR A LICENSED TIPE 1

FRENCH CONTROL SHALL MEMBERS MANUFACTURED FOR END LISE CONDITIONS SHALL

MEET END THE THE CONTROL OF ALL MEMBERS MANUFACTURED FOR END LISE CONDITIONS SHALL

MEET END THE CONTROL OF THE CONTROL OF THE PARALLAM OF THE PA

THE REQUIREMENTS OS SECTION 4.4.1 OF THE 2018 NATIONAL DESIGN SPECIFICATION FOR WOOD

THE REQUIREMENTS OS SECTION 4.4.1 OF THE 2018 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NEOS).

D. NALES INSTALLED PARALLEL TO THE WIDE FACE OF STRANDS SHALL NOT BE LARGER THAN 166 E. PARALLAN SHALLED PARALLEL DEPOSED TO THE WEATHER WHEN USED ON THE EXTERIOR OF A STRUCTIRE THESE PRODUCTS SHALL BE FALLY REPOPED IN WEATHER PRESSTANT BURDERS THESE PRODUCTS SHALL BE FALLY WEAPPED IN WEATHER RESISTANT BURDERS OF THE STRUCTIRE SHALL BE FALLY WEAPPED IN WEATHER RESISTANT BURDERS IS LIMITED TO 190 REF. C. PARALLAM PSI, LATERAL NOIL RESISTANCE AND NAK WENDOWNA ARE COUVALENT TO THAT OF EDUCALS AS REAM LUMBER OF COS-SPECING ROMATY).

H. NALES INSTALLED PARALLEL TO THE WIDE FACE OF STRAIDS SHALL BE SPACED A UNRAINAN OF 3 NOICES ON-CENTER FOR 104 OF 37 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOICES ON-CENTER FOR 104 OF 37 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOICES ON-CENTER FOR 104 OF 37 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOICES ON-CENTER FOR 104 OF 37 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOIL 25 OF THE STRAID SHALL BE SPACED A WEARING OF 3 NOIL 25 OF THE STRAID SHALL BE STRAID.

8. FASTENERS/HARDWARE
A NAIS SHALL BE C<u>IMANON WEE HALS. SRIKERS MUST NOT BE USED</u>
B DOLTS SHALL BE C<u>IMANON WEE HALS. SRIKERS MUST NOT BE USED</u>
B DOLTS SHALL HAVE STANDARD OUT WARHERS UNLESS THEY ARE BEING USED WITH STRUCTURAL
STEEL MEMBERS. HOLES FOR BOLTS SHALL BE NOT MORE THAN 1/16" LARGER THAN THE BOLT
DIAMETER.

DIAMETER
C. LAG SCREWS SHALL BE TURNED (NOT DRIVEN) INTO PRE-DRILLED HOLES OF 2/3 THE SHAWK
DIAMETER
D. PESTEMENS FOR PRESERVATIVE—TREATED OR FRE-RETARGENT—TREATED WOOD SHALL BE OF HOT
DRIPED ZINC-DOATED GALVANIZED STEEL IN ACCODENCE WITH ASTM A 153" (R317.3) (2304.9.5)

7. THE CITY OF LA. RESEARCH REPORT NUMBER REQUIRED FOR THE FOLLOWING ITEMS

-A.B. = ESR-2611
-HOLD-DOWNS = ESR-2330
-STRAPS = ESR-2130
-PARALLM = ESR-3187
-SIMPSON STED, STRONGWALL = ESR-362
-BMPSON STED, STRONGWALL = ESR-1679
-HANGERS = ESR-2552
-75 WOOD JOIST = ESR-2552

ROUGH FRAMING LUMBER

ANY PRODUCTS NOT SPECIFICALLY COVENED IN THE ABOVE REFERENCED STANDARDS SHALL COMPLY WITH THE RECOMMENDATIONS OF THE PRODUCT MANUFACTURER FOR THE USE INTENDED.

INSTALL FASTENERS WITHOUT SPLITTING WOOD. FASTEN PANEL PRODUCTS TO ALLOW FOR EXPANSION AT JOINTS UNLESS OTHERWISE INDICATED.

3. WALL FRAMING SHALL BE 2X4 @ 16" 0/C UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWNIGS. 4. FASTDI STRUCTURAL SHEATHING AS FOLLOWS.
A FLOOR STATHING AND SHEATHOR AND SHEATHORN AS INDICATED ON THE DRAWNINGS.
B. WALL AND ROOF SHEATHING ----NAEED AS INDICATED ON DRAWNINGS.
C. UNDERKANDENT --- NAMED TO SUB-PLOKENING.

5 ALL HORIZONTAL PLYMOOD SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO JOISTS/RAFTERS AND WITH STAGGERED JOINTS.

6. ALL FRAMING, NAILING, LET-IN BRACING, SPLICES, ETC. SHALL CONFORM TO LOCAL BUILDING CODES.

7. CUT, SHAPE, COPE, PLUMB, LEVEL, AND TURN ALL FRAMING MEMBERS TO PROVIDE FULL BEARING UNLESS MOTED OTHERWISE. B. REFERENCE CBC SECTIONS 2308.5.9 AND 2308.5.10 FOR RULES REGARDING THE CUTTING, NOTCHING, AND BORNIO OF JOSSIS, STUDS AND BEAMS.

ALL POSTS FROM THE ROOF MUST BE CONTINUED DOWN TO SUPPORT USING THE SAME SIZE MATERIAL.
 POSTS MAY BEAR ON SILL PLATES UNLESS OTHERWISE NOTED. PROVIDE SOLID BLOCKING BELOW POSTS TO FOILIBRIATION

WHERE DOUBLE PLATES ARE INTERRUPTED BY POSTS OR BEAMS, STRAP WITH ST6224 USING A MINIMUM OF (20) 164 EACH END.

 ALL BEAMS PERPENDICULAR TO WALLS MUST BE SUPPORTED ON POSTS THE SAME TRICKNESS AS THE STUDS AND THE SAME WIDTH AS THE BEAM. PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS AND SOLID BLOCKING UNDER ALL PERPENDICULAR PARTITIONS.

ROOF FRAMING
 A. PROWDE 2X RIDGE BOARDS, HIPS, AND VALLEYS WHICH ARE AT LEAST AS DEEP AS THE CUT END OF THE RAFTERS.

THE MATTERS.

RAFTERS SHALL BE NALED TO ADJACENT CELLING JOSTS WITH A MORBININ OF (4) 166.

C. ALL RAFTERS SHALL BE LATERALLY SUPPORTED AT THE BIOS AND AT EACH SUPPORT BY SOUD ZX-MULL RESERT BLOCKING UNLESS NALED TO AN ANDMENS STUD.

D. WHERE COLDING SUPPORTED SHALL BE TED
BACK BY ZA CROSS TIES AT 4" OR. AMAZED TO THE RAFTERS WITH 4—164 MAILS.

15. FLOOR FRAMING
A JOSTS SHALL HAVE A MINIMUM OF 1 1/2" OF BEARING ON MODO OR NETAL, AND 3" OF BEARING ON MACOGEN, AND STAND, AND STAND, AND STAND SHALL HAVE A MINIMUM OF THE SHOPS AND EACH SUPPORT BY SOLID 20 FALL HEIGHT BECKERG UNKESS MAKED TO AN ANDIBRION STUD OR ANCHORED USING A MECHANICAL FASTENER.
C LAP JOSTS OVER SUPPORTS "A WIRMANIA MONIL, WITH (4) 104 TO PREVENT SEPARATION.
D. ALL FLUSH FRAMED JOSTS SHALL BE HANG WITH SMIPSON OR USP JOST HANGERS, TIPE "NU", UALO, E-PROVINDE DOUBLE JOSTS UNDER AND PARAMEDIAL TO ALL BEARMOR PARATITIONS.
F. JOSTS SHALL BE LOCATED SUCH THAT ANY PLUMENC OR MECHANICAL PIPPING HAS REQUIRED.

ADDITIONAL STORY:

AT ALL BALLES PROVED DUBLE TOP PLATES WITH LAPPED CORRECTS AND STACOPED SALUE BRIDGE
AFE A MINIMUM OF 4-0" BILDICITY.

BY A MINIMUM OF 4-0" B

BEAMS AND/OR DRAG STRUTS: MEMBERS LAMINATED OF MULTIPLE JOSTS SHALL BE SPIKED TOGETHER WITH 164 HARLS AT 8" O.C. STAGEBERD IF USING 3 OR MORE JUSTS TOGETHER, LAMINATE WITH 1/2" CARRACE BOLTS AT 26" O.C. STAGEBERD.

19. STUDS ADJACENT TO CONCRETE OR MASONRY WALLS SHALL BE BOLTED THERETO. WITH 1/2"X8" BOLTS AT TOP, BOTTOM, AND AT INTERVALS NOT TO EXCEED 2"-0" O.C.

 20. 2X OR 3X BLOCKING SHALL BE PROVIDED AT ALL HORIZONTAL JOINTS OCCUPRING IN ALL BRACED PARELS. ROOF DIAPHRAGIA NALING TO BE INSPECTED BEFORE COVERING, FACE GRAIN OF PLYMOOD SHALL BE PERPENDICULAR TO SUPPORTS, FLOOR SHALL HAME TONGUE AND GROOME OR BLOCKED PARIE, EDGES, PLYMOOD SHALL CONFIDMS WITH THALES 2304-8(1), 2304-8(2), 2304-8(3), 2304-8(3), 2304-8. 22. ALL DIAPHRAGIA AND SHEAR WALL MAILING SHALL LITEIZE COMMON MARS OF GALVANIZED BOX.

MINIMUM BEARING HEADERS SUPPORTING ROOF LOADS SUPPORTING ROOF & FLOOR LOADS

1. COMMON OR BOX MAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.

NALS SPACED AT 6 MORES(152 MM) ON CONTER AT EDGES, 12 BIONES (205 MM) AT INTERMEDIATE SUPPORTS EXCEPT 6 BIONES (102 MM) AT ALL SPECKETS WHERE SPACES ARE 48 BIONES (1218 MM) ON BROKET, FOR HANDE OF BROOD STRICTURAL PANEL AND COMMON, BOY OR CASHICK. AND SPACE WILLS, RETEX TO SECTION 2005 BIASS TOR WILL SECTION AND SECTION SPACES.

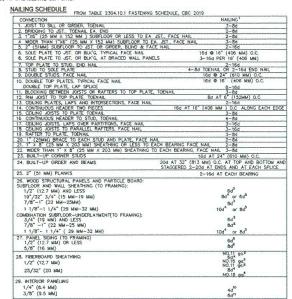
4. COMMON ON PANEL EDGES, 12 INCHES (305 MM) AT INTERMEDIATE SUPPORTS 5. DEFORMED SHAN

7. FASTEMERS SPACED 3 INCHES (76 MM) ON CENTER AT EXTERIOR EDGES AND 6 INCHES (152 MM) ON CENTER AT INTERMEDIATE SUPPORTS. CORROSSON-RESISTANT RODFINS NALS WITH 7/16 INCH-DAWLETER (11 MM) HEAD AND 1 1/2 INCH (38 MM) LENGTH FOR 1/2 INCH SEACHINHO AND 1 3/4 INCH (12.7 MM) SHEATHING AND 1 3/4-INCH (44 MM) LENGTH FOR 25/32 - INCH (20 MM) SHEATHING CONFORMING TO THE ROUNDREWITS OF SECTION 2304-10.

9 CORROSION-RESISTANT STAPLES WITH HOMBHAL 7/16 - INCH (11 MM) CROWN AND 1 1/8 - BNCH (29MM) LENGTH FOR 1/2 INCH SHEATHHIG AND 1 1/2 NICH (127 MM) SHEATHHIG AND 1 1/2 NICH (127 MM) SHEATHHIG AND 1 1/2 NICH (120 MM) SHEATHHIG CONFORMING TO THE REQUIREMENTS OF SECTION 2034-10.

10. PANEL SUPPORTS AT 16 BICHES (406 MM) 20 INCHES (508 MM) IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL. LINLESS OTHERWISE MARKED, CASING OR FINISH INALS SPACED 6 INCHES (192 MM) ON PANEL EDGES, 12 INCHES (305MM) AT INTERMEDIATE SUPPORTS

11. PANEL SUPPORTS AT 24 INCHES (610 MM). CASING OR FINISH NAILS SPACED 6 INCHES (152 MM) ON PANEL EDGES, 12 INCHES (305 MM) AT INTERMEDIATE SUPPORTS.



			SHEAR WALL	SCHEDULE			
TYPE	NATERIAL DESCRIPTION	NUMBER OF SIDES	ALLOWABLE SHEAR FORCE (PLF)	SKL PLATE TO BLOCKING CONNECTION	BLOCKING TO PLATE CONNECTION	MUD SILL TO FOUNDATION	REMARKS
F	15/32" APA STRUCTURE -1 W/10d COMMON HAR @ 6/6/12	SINGLE	220	3/8" # LAG-SCREW # 12" D.C. x 5" WH. EMBED.	A35 @ 24" O.C.	5/8" # A.B. x 14" # 36" O.C.	2X SILL PL
G	15/32" APA STRUCTURE -1 W/10d COMMON HAL @ 4/4/12	SHIGLE	380	3/8" # LAG-SCREW # 8" O.C. x 5" MIN. EMBED.	A35 @ 14" O.C	5/8" # A.B. x 14" @ 26" O.C.	3X SILL PL
н	15/32" APA STRUCTURE -1 W/10d COMMON HAIL @ 3/3/12	SHIGLE	500	3/8" # LAG-SCREW # 6" O.C. x 5" MINL EMBED.	A35 @ 10" O.C	5/8" # AB. x 14" # 20" O.C	3X SILL PL
1	15/32" APA STRUCTURE -1 W/104 COMMON HALL @ 2/2/12	SHIGLE	650	3/8" # LAG-SCREW @ 4.5" O.C. x 5" MIN. EMBED	A35 6 8" O.C.	5/8" # AB x 14" # 15" D.C.	3X SILL PL.
GG	15/32" APA STRUCTURE -1 W/10d COMMON HAL @ 4/4/12	BOTH SIDES	760	3/8" # LAG-SCREW # 4" O.C x 5" NH. EMBED.	A35 @ 7" G.C.	5/8" # A.B x 14" @ 12" O.C.	3x SILL PL (2)-2x BLK'G OR 4X B
HHi	15/32" APA STRUCTURE -1 W/10d COMMON NAIL @ 3/3/12	BOTH SIDES	1000	1/2" # LAG-SCREW # 5" O.C. x 5" MM. EMBED	A35 9 5" 0 C.	5/8" # A.B × 14" # 10" 0 C.	3x SEL PL, PREDREL (2)-2x BUK'G OR 4X B
11	15/32" APA STRUCTURE -1 W/10d COMMON NAIL @ 2/2/12	BOTH SIDES	1300	1/2" # LAC-SCREW # 4" O.C. x 6" MIN. EMBED.	A55 9 4.5" O.C.	5/8" # A.B. x 14"	3X SELL PL., PREDREL (2)-2X BLX'G OR 4X B

1. DOUGLAS FIR OR SOUTHERN PINE FRAMING (S.G. 0.48 MINMIUN). ALL PANEL EDGES FASTENED TO FRAMING.
2. ALL PANEL EDGES BACKED WITH 2-INCH NOMINAL OR WIDER FRAMING. PLYWOOD INSTALLED ETHER HORIZONTALLY OR VERTICALLY.

3. NAIL SPACING ALONG INTERMEDIATE SUPPORTS 12" D.C. 4. INHERE PLYMOOD IS APPLIED ON BOTH FACES OF A WALL AND HALL SPACING IS LESS THAN 6" ON CENTER ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAHING MEMBERS OR FRAMING SHALL BE 3" NOMINAL OR THICKER AND HALLS ON EACH SIDE SHALL BE 3"TAGGERED.

5. FRAMING AT ADJOINING PANEL EDGES SHALL BE NOMINAL 3" OR WIDER, NAILS SHALL BE STAGGERED IN TWO LINES ALONG PANEL EDGES WHEN NAIL SPACING IS 2" O.C., OR WHEN TOLL COMMON MAILS SPACED 3" O.C., PENETRATE FRAMING MORE THAN 1-1/2".

 STUCCO AND/OR WITH VENEER OVER PLYMOOD SHEAR WALL SHALL BE WATERPROOFED WITH A MINIMUM OF 2—GRADE "D" PAPER UNDERLATMENTS. 8. ONLY COMMON HARS OR GALYANIZED BOX SHALL BE USED FOR ALL PLYHOOD SHEAR WALLS AND DIAPHRAGM. NAR. GUNS USHNG "CLIPPED HEAD" OR "SINKER NAILS" ARE MOT ACCEPTABLE.

9. ALL BOLT HOLES TO BE DRILLED 1/32" MIN. TO 1/16" MAX. OVERSIZED. ENGINEER TO VERIFY

WE ALL BOLL HOLDS TO BE DRILLED 17% WIN. TO 17/16 WAY. OVERALDS DEPARTER TO ME. NOTIFIED FOR REDESION IF OTHER SPECES SILLS ARE DELIMBED TO THE STEE (OR ARE PART OF THE EXISTING BLICL.)

THE FOLLOWING APPLIES TO $\langle G \rangle$, $\langle H \rangle$, $\langle I \rangle$. AND BOTH 3DE SHEAR WALLS:

A PROVINCE 3X SILL FLATES FOR SILLS THAT REST ON CONCRETE OR MASCHINT.

B. PROVINCE 3X SILDS BETHEEN ADMICTITY PARELS. If IT IS INCLUSIONED TO 152 2-2X MEMBERS BETHEEN PARELS.

C. PROVINCE 1/2 EXCELL STRAIN FOR THE STEE OR THE STRAIN FOR THE RECURRING PRIVINCIAL BOOK MAILING.

D. PLATE WASHERS 37%37%0.299° ARE TO BE USED WITH ALL OF ANCHOR BOLTS.

12. PLATE WASHERS ARE TO BE USED ON THE BACK SIDE OF THE HD POST. SEE 5(d) FOR REQUIRED SIZES.
13. HD ANCHOR NUTS TO BE TIGHTEN PRIOR TO CONFRING THE WALL FRAMING, ENGINEER TO VERIFY. 14, MB. THO BOITS PER PECC OF SLL PLATE & ONE LOCATED WITHOUT 27 OF EACH BUILD OF EACH SILL PLATE PLACEMENT OF LAG BOILS.

- MINIMAL PECC DISTANCE - LSC, MINI BOD DISTANCE - SO, MINI SYACHOL, G. O. DECE DISTANCES, DATE DISTANCES AND SYACHING SHALL BE SUFFICIENT TO PREVENT SPLITTING OF MOOD IF SPLITTING OCCURS, NOTIFY THE STRUCTURAL ENGINEER FOR AN ALTERNATE PROQUET/PARKINGHEER (SOURCE).

15. HOLD-DOWN HARDWARE MUST BE SECURED IN PLACE PRIOR TO FOUNDATION INSPECTION.

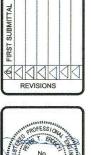
16. HOLD DOWN CONNECTOR BOLTS INTO WOOD FRAMING REQUIRE APPROVED 0.229"X3"X3" PLATE WASHERS ON THE POST OPPOSITE THE HOLD-DOWN AND HOLD-DOWNS SHALL BE TIGHTENED TO FINGER TIGHT PLUS ONE-HALF WRENCH TURN JUST PRIOR TO COVERING THE WALL FRAMING. SPECIAL INSPECTION NOTES:

WHERE SPEDAL INSPECTION OR TESTING IS REQUIRED, THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE SHALL INCLIDE A "STATEMENT OF SPECIAL INSPECTIONS" ON THE PLANS. (280: 1705)
 C. (PERGOLG) SPECIAL INSPECTION BY STRUCTURE REINHERER (I.E. STRUCTURAL DESERVATION) IS REQUIRED FOR CAU MALL PER CRIC 1704. (CBC 1-1702.5 STEEL, 1-1703.5 CONCRETE, 1-7705.4 MASONRY, 1-1705.6 SDLS, 1-1705.9 PLE FOUNDATIONS, T-1705.8 PIER FOUNDATIONS, OR 1-1705.5.1 INSPECIAL DESERVATIONS.

THIRDS STEEL THIRDS J CONCRETE, THIRDS J CONCRETE, THIRDS SORRY, THIRDS SOLD, THIRDS STEEL THIRDS J CONCRETE, THIRDS J CONCRETE STREAM AND THE STATEMENT OF SPECIAL RESPECTION'S SALE SHEET A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PROOF TO THE COMMISSION OF THE CONCRETE STREAM AND THE OWNER PROOF TO THE COMMISSION OF THE CONCRETE STREAM AND THE OWNER PROOF TO THE COMMISSION OF THE CONCRETE STREAM AND THE STORP OF THE STREAM OF SPECIAL OWNERS SPRAYED—ON REPRODUCED SERVICE, DECRETE OWNERS STREAM OF SPECIAL OWNERS SPRAYED—ON REPRODUCED SERVICE, DECRETE OWNERS STREAM OF SPECIAL OWNERS SPRAYED—ON REPRODUCES, DECRETED BY AN APPROVED ACTIVE OF THE STREAM CONCRETE. HOR LOAD DAPPRIADAS AND SPECIAL OWNERS STREAM ON THE STIMOLOUS SERVICE. SPREAM OF SPECIAL OWNERS STREAM OWNERS STREAM OF SPECIAL OWNERS STREAM OF SPECIAL OWNERS STREAM OF SPECIAL OWNERS STREAM OF SPECIAL OWNERS STREAM OWNERS STREAM OF SPECIAL OWNERS STREAM OWNERS STREAM OWNERS STREAM OF SPECIAL OWNERS STREAM OWNERS STR

ASBESTOS DEMOLITION RULE 1403 - General Information : SURVEY REQUIREMENT: ASSESTOS SURVEYS ARE REQUIRED PRIOR TO ANY REMOVATION OR DEMOLITION. ASSESTOS MUST BE REMOVED PRIOR TO
REMOVATION ACTIVITIES THAT MAY DISTURB THE ASSESTOS CONTAINING WATERIALS. ALL ASSESTOS MUST BE REMOVED PRIOR TO BUILDING DEMOLITION.







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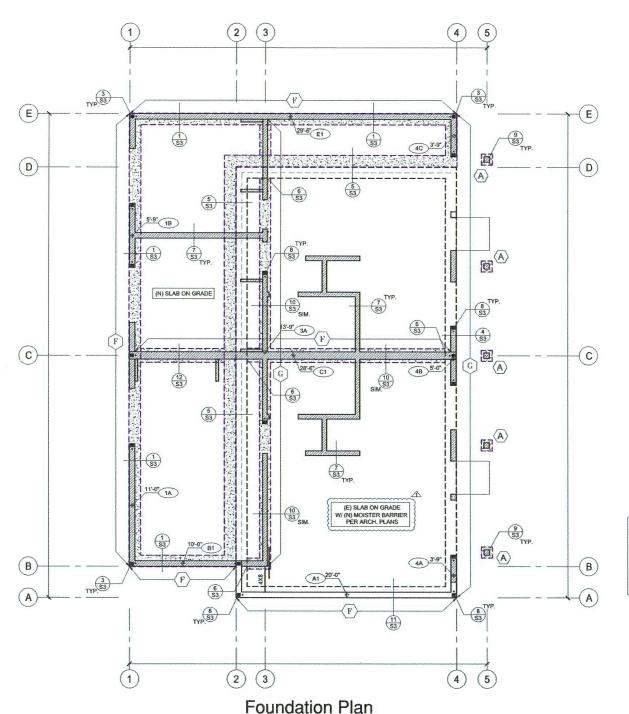




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JUNE 2022



Scale: 1/4"=1'-0"

STRUCTURAL NOTES:

(N) 1 STORY FTG. 12" WIDE

FOOTING (24" DEEP MIN. INTO N.G.) W/ 2-#4 T 8B

4" THK. CONCRETE SLAB ON GRADE W/ #4 BARS @ 16" O.C. E.W.CENTERED

PER CITY REQUEST, A 4-INCH THICK BASE OF I/, INCH OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED FOR THE PROPOSED SLAB ON GRADE CONSTRUCTION.

SLAB ON GRADE CONSTRUCTION.

A MIN. 10 MIL MOISTURE BARRIER SHALL BE PROVIDED IN DIRECT CONTACT WITH CONCRETE FOR THE PROPOSED SLAB ON GRADE CONSTRUCTION. CAPE SHALL BE EXERCISED TO AVOID DAMAGE OF MOISTURE BARRIER DURING CONSTRUCTION.

- 4X4 POST W/ HDU5 TYP. U.N.O.
- 4X4 POST TYP. U.N.O.

ADDITIONAL NOTES

- 5/8" dia, A.B., (R.H., EPOXY BOLTS) @ 48" O.C., TYP. U.N.O. FOR SH. W. A.B.'S SEE G.N. SHEET, SH. WALL SCHEDULE
- NAILS IN PRESSURE TREATED WOOD SILL PLATES SHALL BE HOT DIPPED GALVANIZED, STAINLESS STEEL, SILICON BRONZE OR COPPER.
- ALL HOLD-DOWN CONNECTIONS SHALL BE TIGHTENED JUST PRIOR TO ENCLOSURE.
- EXCAVATIONS SHALL BE MADE IN COMPLIANCE W/CAL/OSHA REGULATIONS.
- CONTINUOUS INSPECTION BY A LICENSED DEPUTY INSPECTOR IS REQUIRED FOR ALL EPOXY WORKS AND FOR CONCRETE WITH ft>2500 PSI.



MANDATORY STRUCTURAL OBSERVATION SCHEDULE:

PRE - CONSTRUCTION MEETING IS MANDATORY PRIOR TO ANY WORK ON THE JOB. TO SCHEDULE A PRE-CONSTRUCTION MEETING OR STRUCTURAL OBSERVATION, PLEASE GIVE US 48 HRS. MINIMUM NOTICE.

ALL FOUNDATION EXCAVATIONS SHALL
BE INSPECTED AND APPROVED BY THE
SOILS ENGINEER OR BUILDING INSPECTOR
FOR DEPTH AND ALL APPLICABLE CODE
COMPLIANCE PRIOR TO STRUCTURAL
OBSERVATION.

3. STRUCTURAL OBSERVATION FOR FOUNDATION IS REQUIRED. CALL WHEN ALL REINFORCEMENTS ARE IN PLACE AND PRIOR TO POURING OF CONCRETE.

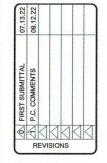
TYPICAL DETAILS





PAD SCHEDULE:

A 1'-0" X 1'-0" X 12" THICK PAD FOOTING





PETER T. ERDELYI & ASSOCIATES, INC.

ARCHITECTURAL ENGINEERING & TEL. NO: (3) DWARS., SUITE 103, LC

A 90034 ARCHIT

OFIR CHANEL

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VGELES, CA 80034

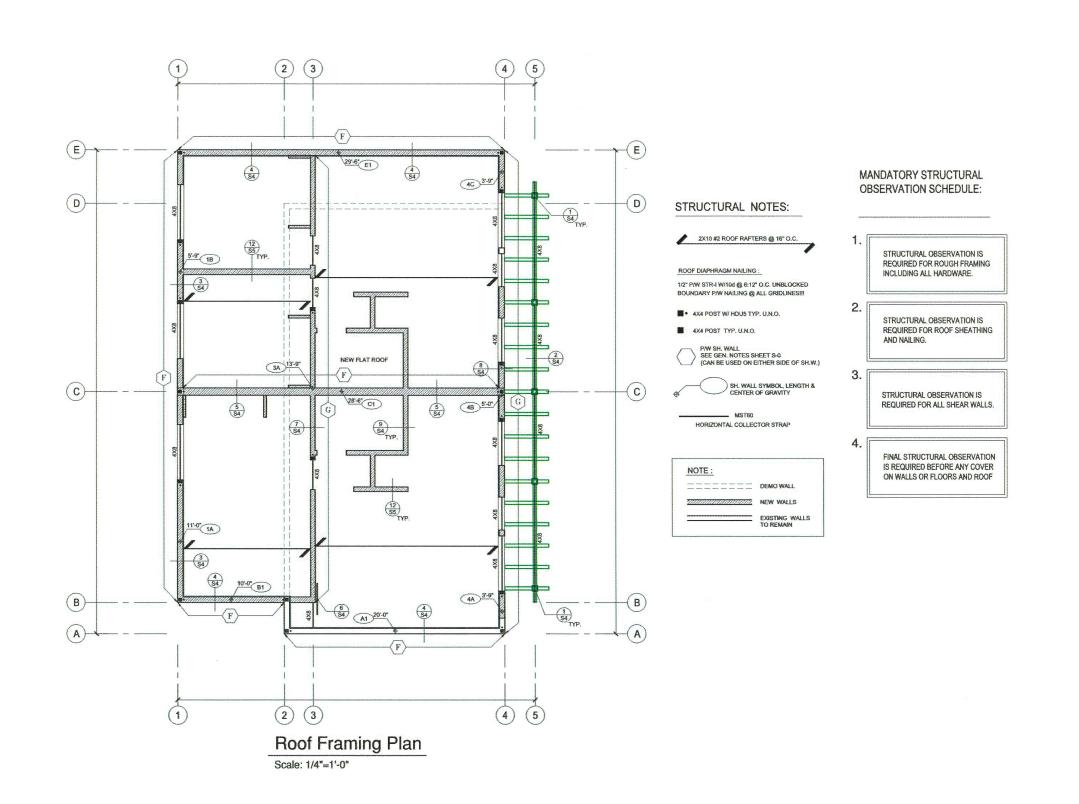
825 CHARITON ST., LOS ANGELES
Foundation Plan

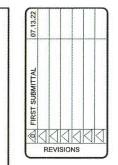
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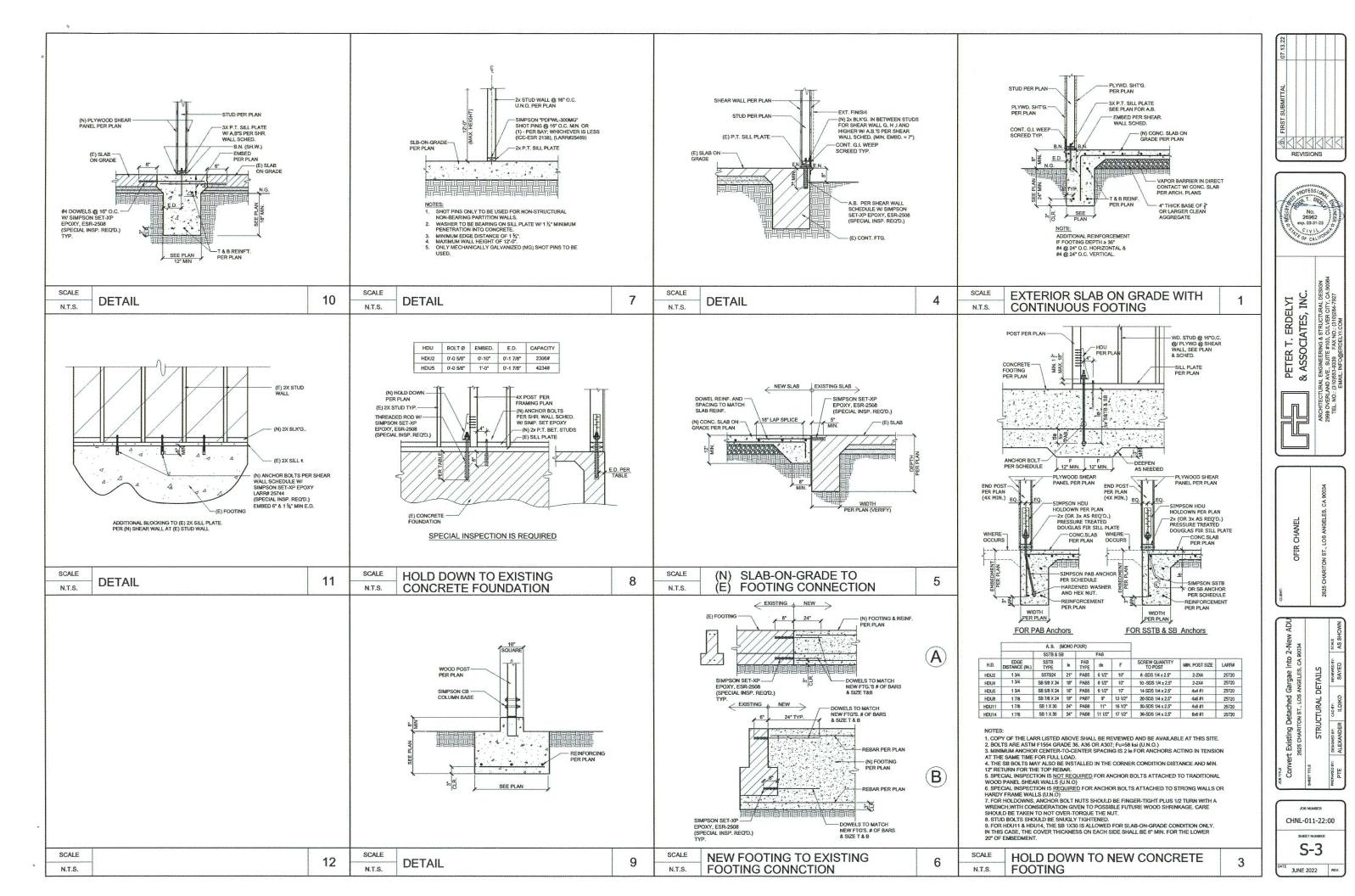
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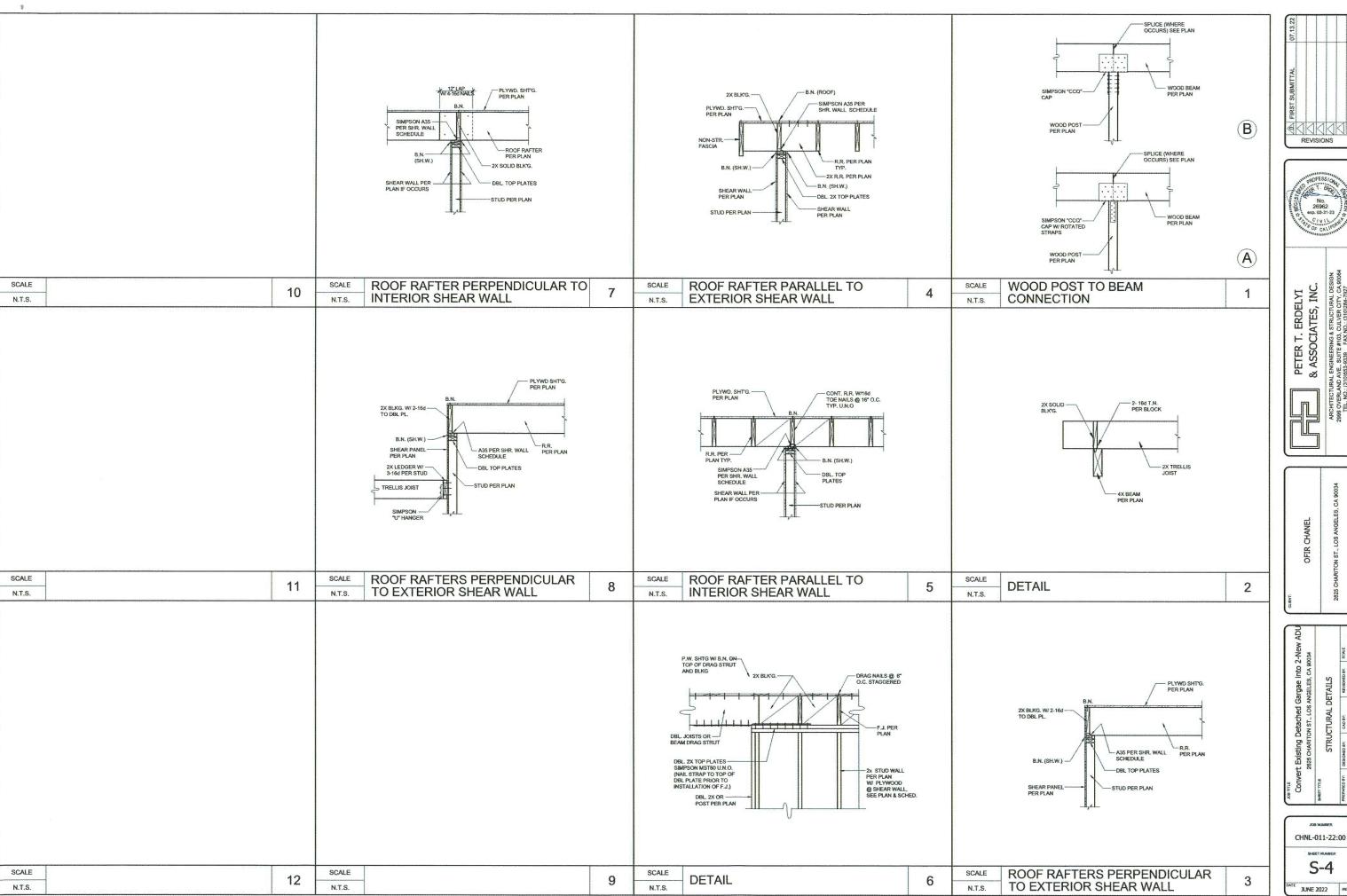


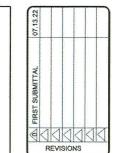
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