Tom Wandrie Deputy Director Inspections, Acting Building Official

Field Issues











Keys to Success

- Generally, program has been successful
- Use approved field set for construction
- Make sure contractor gets full size print from EPR

Field Changes

- Discuss with inspector in advance
- Self-Cert stamps on all sheets
- Peer review on structural and electrical (if required)
- NOT meant for unlimited value engineering
- Stamped City approvals are required on plan revisions submitted to the City for Plan Review approval



MANDATORY FIELD CHANGE OR REVISIONS (LPSC or RPSC#: and LSCA or RSCA#:)

SELF-CERTIFIED BY:

Insert name of Self-Certified Professional) Date

• Plans were prepared by or under the direct supervision of the Self-Certified Professional

Plans are complete

The plans are, as of the date of submission, in compliance with

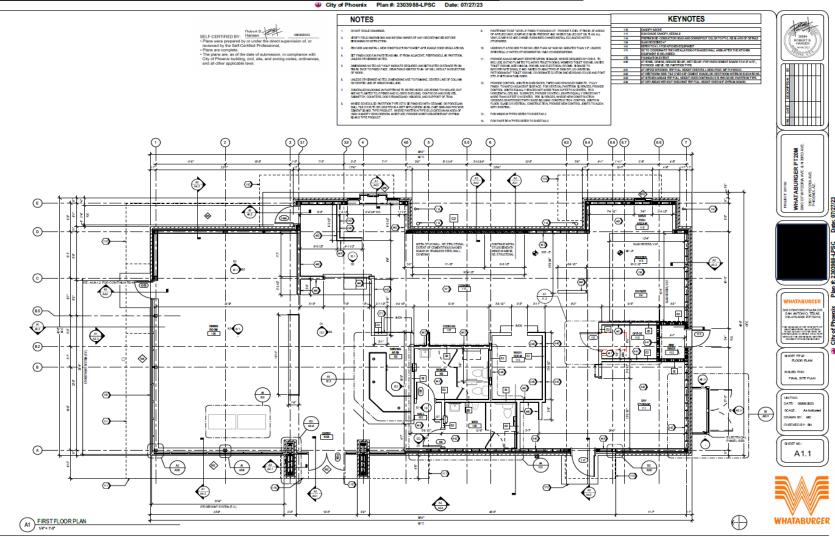
City of Phoenix building, civil, site, and zoning codes,

ordinances and all other applicable laws.

Field Changes

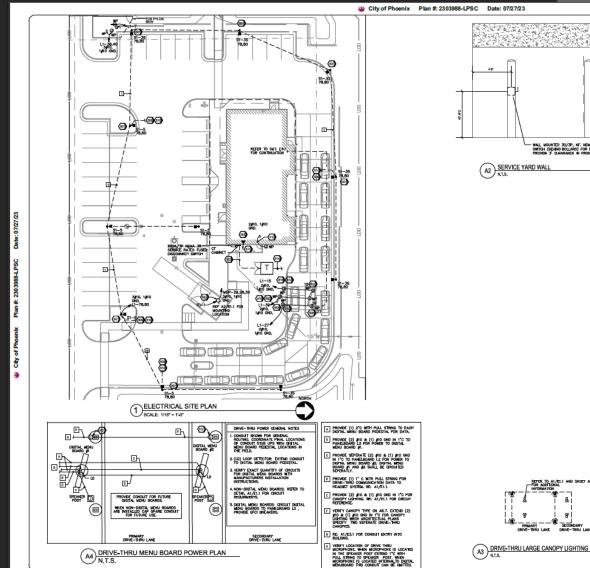




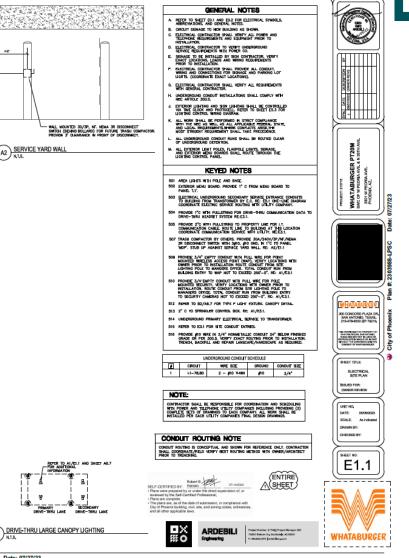


W City of Phoenix Plan #: 2303988-LPSC Date: 07/27/23

Field Changes



City of Phoenix Plan #: 2303988-LPSC Date: 07/27/23





PRESERVE SHAPE BUILD

Observations from the Field

Item most often missed: *Special Inspection Certificates*

- Types of Special Inspections Certificates:
 - Electrical TRT 00274
 - Architectural TRT 00277
 - Geotechnical TRT 00275
 - Structural TRT 00211
 - Mechanical/Plumbing TRT 00276
- Owners can either use the registered design professional in responsible charge (RDPRC) or a designated RDPRC to seal the Special Inspection Form
- Special Inspections Approval List TRT 00870

https://www.phoenix.gov/pdd/trt



Special Inspection Certificate

Electrical

POST AT	JOB SITE WIT	H PE	RMIT	
(General Requirements	and Instructions	on the	backside	of for

Project Name:		Project Address:		Permit No.	
				Plan Log No.	
Denie	ect Owner/Owner's Agent Name:	Mailing Address:		Phone No.	
Fioje	ectowner/owner's Agent Name.	Maining Address.		Phone No.	
	stered Design Professional of ord Name:	Mailing Address:		Phone No.	
Firm	Name:	Email Address:		Fax No.	
Seal	1704. Specia contra Inspec Inspec	I have determined that the al Inspection. I understate ctor(s), and the specia ction Program requirement	he types of work check nd and agree to info I inspector(s) about ents and limitations, lent third-party individ	Code Sections 110.3.10 and ked below require Electric mm the project owner, the all the Electrical Speci including that the Speci lual(s) or Registered Desig cctor(s).	
_			OUAU		
YN	TYPES OF WORK REG	SPECTION	INSPECT	FIED SPECIAL OR NAME AND ID NUMBER	
YN	TYPES OF WORK REG	ISPECTION t if Necessary)	INSPECT	OR NAME AND ID	
YN	TYPES OF WORK REC ELECTRICAL IN (Attach Supplement	ISPECTION It if Necessary) stems	INSPECT	OR NAME AND ID	
YN	TYPES OF WORK REC ELECTRICAL IN (Attach Supplement Ground-Fault Protection System)	ISPECTION It if Necessary) stems	INSPECT	OR NAME AND ID	
YN	TYPES OF WORK REC ELECTRICAL IN (Attach Supplemen Ground-Fault Protection Sys Switchboards, Panelboards,	ISPECTION It if Necessary) stems	INSPECT	OR NAME AND ID	
YN	TYPES OF WORK REG ELECTRICALIN (Attach Supplemen Ground-Fault Protection Sys Switchboards, Panelboards, Transformers	ISPECTION t if Necessary) stems Motor Control Centers	INSPECT	OR NAME AND ID	
YN	TYPES OF WORK REG ELECTRICAL IN (Attach Supplemen Ground-Fault Protection Syn Switchboards, Panelboards, Transformers Conductors	ISPECTION t if Necessary) stems Motor Control Centers	INSPECT	OR NAME AND ID	
Y N E 0 S ✓	TYPES OF WORK REG ELECTRICAL IN (Attach Supplemen Ground-Fault Protection Syn Switchboards, Panelboards, Transformers Conductors Emergency & Standby Powe	ISPECTION t if Necessary) stems , Motor Control Centers er System(s) er reviewed and found to		OR NAME AND ID NUMBER	
Y N E 0 S V	TYPES OF WORK REC ELECTRICAL IN (Attach Supplemen Ground-Fault Protection Syn Switchboards, Panelboards, Transformers Conductors Emergency & Standby Powe Selective Coordination Selective Coordination Decial inspection reports were truction documents. stered Design Professional ponsible charge	ISPECTION t if Necessary) stems , Motor Control Centers er System(s) er reviewed and found to		oR NAME AND ID NUMBER	
Y N E 0 S V	TYPES OF WORK REC ELECTRICAL IN (Attach Supplemen Ground-Fault Protection Syn Switchboards, Panelboards, Transformers Conductors Emergency & Standby Powe Selective Coordination Selective Coordination Decial inspection reports were truction documents. stered Design Professional ponsible charge	ISPECTION t if Necessary) stems , Motor Control Centers er System(s) er reviewed and found to		OR NAME AND ID NUMBER	
Y N E 0 S ✓	TYPES OF WORK REC ELECTRICAL IN (Attach Supplemen Ground-Fault Protection Syn Switchboards, Panelboards, Transformers Conductors Emergency & Standby Powe Selective Coordination Selective Coordination Decial inspection reports were truction documents. stered Design Professional ponsible charge	ISPECTION t if Necessary) stems . Motor Control Centers er System(s) er reviewed and found to this publication in an alterr	INSPECT 1	OR NAME AND ID NUMBER ith the approved Date Page 1 of 2	





PLANNING & DEVELOPMENT PRESERVE

SHAPE

BUILD

Change of Occupancy

✓ Sprinklers

Audit Changes

- Construction can generally proceed at risk
- Work with inspectors on proposed changes
- Very important to inform contractor of changes
- Final inspections will be suspended until audit is completed







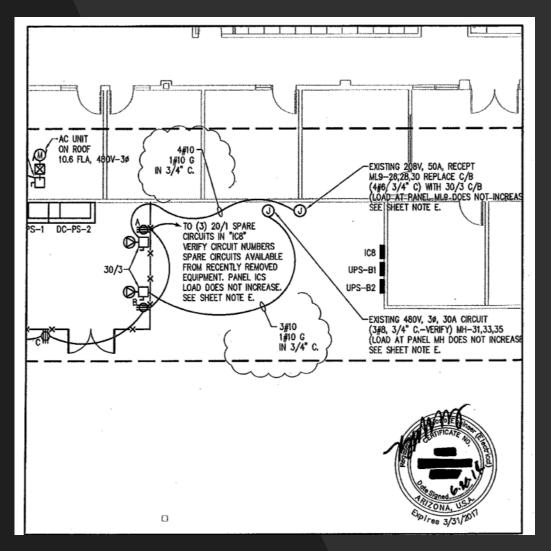
Field Desk Organization





What items should be easily found at your construction site field desk?

Changes to Field Plan





Good or bad?

Contractor Coordination

Does your contractor know how the Self-Certification process works?

Contractor Guide to the Self-Certification Process TRT 00393





Relaying Information to Contractors





Remember that time is of the essence Audit correction items should be immediately communicated to the contractor to avoid costly field changes

Pre-Job Conference







- Encouraged for process and code questions
- Should not be used for inspector "plan review"
- Contractor Guide to the Self-Certification Process – TRT 00393

Violations

- Work with inspector on resolution
- Time is critical during construction











Questions?