

ENDORSEMENT

This endorsement effective 12:01A.M. 07/01/2016

forms a part of

Policy No. CA ✓ 350-63-35 issued to CSW INDUSTRIALS, INC.

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

This endorsement modifies insurance provided under the following:

- ✓ COMMERCIAL GENERAL LIABILITY COVERAGE FORM,
- ✓ BUSINESS AUTO COVERAGE FORM
- BUSINESS AUTO PHYSICAL DAMAGE COVERAGE FORM
- GARAGE COVERAGE FORM
- LIQUOR LIABILITY COVERAGE FORM
- MOTOR CARRIER COVERAGE FORM
- OWNERS AND CONTRACTORS PROTECTIVE LIABILITY COVERAGE FORM
- PRODUCTS-COMPLETED OPERATIONS LIABILITY COVERAGE FORM
- RAILROAD PROTECTIVE LIABILITY COVERAGE FORM
- TRUCKERS COVERAGE FORM

EXTENSION SCHEDULE OF NAMED INSURED

This policy provides coverage for the first Named Insured shown on the declarations page and the following Named Insureds:

CSW INDUSTRIALS, INC.
THE WHITMORE MANUFACTURING CO.
✓ JET-LUBE, INC.
SMOKE GUARD, INC.
STRATHMORE HOLDINGS, LLC
BALCO, INC.
THE RECTORSEAL CORPORATION
SMOKE GUARD CALIFORNIA, INC.

EXTENSION OF ITEM 1. OF THE INFORMATION PAGE

This endorsement, effective 12:01 AM 07/01/2016

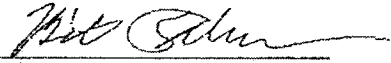
Forms a part of policy no.: WC 015-88-3675

Issued to: CSW INDUSTRIALS, INC.

By: THE INSURANCE COMPANY OF THE STATE OF PENNSYLVANIA

LOC NO.	NAME AND ADDRESS SCHEDULE	FEIN	UI #
0001	THE RECTORSEAL CORPORATION NO FIXED ADDRESS CA 90001-0000 USA BUSINESS TYPE: CORPORATION NAIC: 523130	741889217	
0002	SMOKE GUARD CALIFORNIA, INC. 1915 MARK COURT, SUITE 100 CONCORD, CA 94520-0000 BUSINESS TYPE: CORPORATION NAIC: 238990	272776732	
0003	SMOKE GUARD CALIFORNIA, INC. 9865 S PIONEER BLVD SANTA FE SPRINGS, CA 90670-0000 BUSINESS TYPE: CORPORATION NAIC: 238990	272776732	
0004	THE WHITMORE MANUFACTURING COMPANY NO FIXED ADDRESS CA BUSINESS TYPE: CORPORATION NAIC: 523130	341288762	
0005	BALCO, INC. NO FIXED ADDRESS CA BUSINESS TYPE: CORPORATION NAIC: 523130	480961759	

Issue Date: 06/16/16


Authorized Representative



Berkshire Hathaway
Specialty Insurance

ENDORSEMENT

This endorsement, effective 12:01AM: 07/01/2016
Forms a part of Policy No.: 42-UMO-100264-03
Issued to: CSW Industrials, Inc.
By: National Fire & Marine Insurance Company

**BROAD FORM NAMED INSURED
(INCLUDING PARTNERSHIPS, JOINT VENTURES AND
LIMITED LIABILITY COMPANIES)
THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

This endorsement modifies insurance provided under the following:

**COMMERCIAL UMBRELLA LIABILITY POLICY
COMMERCIAL RETAINED LIMIT LIABILITY INSURANCE POLICY**

The definition of "named insured" in Section V. **DEFINITIONS** is deleted and replacing with the following:

"Named insured" means:

- a. Any person or organization designated in Item 1. of the Declarations; and
- b. As of the inception date of this policy, any organization in which you, or any of your wholly owned subsidiaries:
 - (1) Maintain an interest of more than fifty percent (50%) as of the effective date of this policy; or
 - (2) Have a written contractual responsibility of placing insurance for such entity.

However, such organization is not an insured with respect to "bodily injury" or "property damage" that occurred or any "personal and advertising injury" that was committed before you or your wholly owned subsidiary acquired or formed such organization, entered into such written contractual responsibility, or after you or your wholly owned subsidiary ceased to maintain an interest of more than fifty percent (50%) in such organization; and

- c. After the inception date of this policy, any organization that you, or any of your wholly owned subsidiaries, acquire or form during the "policy period" in which you maintain an interest of more than fifty percent (50%), or for which you, or any of your wholly owned subsidiaries, has a written contractual responsibility of placing insurance for such entity, is automatically a "named insured", subject to the following:
 - (1) Coverage for such organization under this paragraph does not apply to any "bodily injury" or "property damage" that occurred or any "personal and advertising injury" that was committed before you or your wholly owned subsidiary acquired or formed such organization, entered into such written contractual responsibility, or after you or your wholly owned subsidiary ceased to maintain an interest of more than fifty percent (50%) in such organization; and

- (2) Such organization's operations are not materially different from your operations prior to your acquisition, control or formation; and
- (3) Such organization's sales for the prior 12 month period do not exceed ten percent (10%) of your sales for the prior 12 month period.

Notwithstanding the foregoing we may, at our option, make an additional premium charge for any organization that you acquire or form during the "policy period".

To the extent that there is "scheduled underlying insurance", you agree that any organization to which subparagraphs b. or c. above apply will be required to be included as an "insured" under applicable "scheduled underlying insurance". If you fail to comply with this requirement, coverage under this policy will apply as though the organization was included as an "insured" under the highest applicable limit of "scheduled underlying insurance".

All other terms and conditions of the policy remain unchanged.

National Union Fire Insurance Company of Pittsburgh, Pa. (2)

A.M. Best #: 002351 NAIC #: 19445 FEIN #: 250687550

Administrative Office
 175 Water Street 18th Floor
 New York, NY 10038
 United States

[View Additional Address Information](#)

Web: www.aig.com
 Phone: 212-770-7000

Assigned to insurance companies that have, in our opinion, an excellent ability to meet their ongoing insurance obligations.



Based on A.M. Best's analysis, [058702 - American International Group, Inc](#) is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. [View a list of operating insurance entities](#) in this structure.

Best's Credit Ratings

Financial Strength Rating	View Definition
Rating:	A (Excellent)
Affiliation Code:	p (Pooled)
Financial Size Category:	XV (\$2 Billion or greater)
Outlook:	Stable
Action:	Affirmed
Effective Date:	June 02, 2016
Initial Rating Date:	December 31, 1907

Best's Credit Rating Analyst
Rating Issued by: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Darian Ryan
Vice President: Michael J. Lagomarsino, CFA, FRM

Long-Term Issuer Credit Rating	View Definition
Long-Term:	a
Outlook:	Stable
Action:	Affirmed
Effective Date:	June 02, 2016
Initial Rating Date:	April 06, 2005

Disclosure Information
View A.M. Best's Rating Disclosure Form
A.M. Best Removes From Under Review and Affirms Ratings of American International Group, Inc. and Majority of Its Subsidiaries June 02, 2016

u Denotes Under Review Best's Rating


National Fire & Marine Insurance Company (2)

A.M. Best #: 002428 NAIC #: 20079 FEIN #: 476021331

Domiciliary Address
 3024 Hamey Street
 Omaha, NE 68131
 United States

Web: www.nationalindemnity.com
Phone: 402-916-3000
Fax: 402-916-3350

Assigned to insurance companies that have, in our opinion, a superior ability to meet their ongoing insurance obligations.





Based on A.M. Best's analysis, [058334 - Berkshire Hathaway Inc.](#) is the AMB Ultimate Parent and identifies the topmost entity of the corporate structure. View a list of [operating insurance entities](#) in this structure.

Best's Credit Ratings

Financial Strength Rating	View Definition
Rating:	A++ (Superior)
Affiliation Code:	g (Group)
Financial Size Category:	XV (\$2 Billion or greater)
Outlook:	Stable
Action:	Affirmed
Effective Date:	September 01, 2015
Initial Rating Date:	June 30, 1954

Long-Term Issuer Credit Rating	View Definition
Long-Term:	aaa
Outlook:	Stable
Action:	Affirmed
Effective Date:	September 01, 2015
Initial Rating Date:	May 16, 2007

Best's Credit Rating Analyst
Rating Issued by: A.M. Best Rating Services, Inc.
Assistant Vice President: Greg Reisner
Vice President: Robert B. DeRose

Disclosure Information
 View A.M. Best's Rating Disclosure Form
 A.M. Best Affirms Ratings of Berkshire Hathaway Inc.'s Subsidiaries September 01, 2015

u Denotes Under Review Best's Rating

The Insurance Company of the State of Pennsylvania (?)


A.M. Best #: 002035 NAIC #: 19429 FEIN #: 135540698

Administrative Office
 175 Water Street 18th Floor
 New York, NY 10038
 United States

[View Additional Address Information](#)

Web: www.aig.com
 Phone: 212-770-7000

Assigned to insurance companies that have, in our opinion, an excellent ability to meet their ongoing insurance obligations.





Based on A.M. Best's analysis, [058702 - American International Group, Inc](#) is the AMB Ultimate Parent and identifies the topmost entity of the corporate structure. [View a list of operating insurance entities](#) in this structure.

Best's Credit Ratings

Financial Strength Rating	View Definition
Rating:	A (Excellent)
Affiliation Code:	r (Reinsured)
Financial Size Category:	XV (\$2 Billion or greater)
Outlook:	Stable
Action:	Affirmed
Effective Date:	June 02, 2016
Initial Rating Date:	December 31, 1907

Long-Term Issuer Credit Rating	View Definition
Long-Term:	a
Outlook:	Stable
Action:	Affirmed
Effective Date:	June 02, 2016
Initial Rating Date:	April 06, 2005

Best's Credit Rating Analyst
Rating Issued by: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Darian Ryan
Vice President: Michael J. Lagomarsino, CFA, FRM

Disclosure Information
 View A.M. Best's Rating Disclosure Form
 A.M. Best Removes From Under Review and Affirms Ratings of American International Group, Inc. and Majority of Its Subsidiaries June 02, 2016

u Denotes [Under Review Best's Rating](#)



Economic Development Authority of Riverside County
Riverside Public Defender / Probation Building
Project No. FM08240003992

SUPERINTENDENT QUALIFICATIONS

7.20.16

Name of Superintendent

Chris Mc Ninch

Chris has worked in this industry for 16 years and as a Superintendent since 2014 for *Smoke Guard CA*. Below is a list of project *Chris Mc Ninch* has worked on for *Smoke Guard CA*:

Imax Headquarters
Facebook
Hollywood Casino Jamul
Universal Studios Harry Potter

Rod Brown / Project Manager
rodb@sgcal.com / 562.368.4213 Direct

Smoke Guard California, Inc.
310.525.8055
9865 S. Pioneer Blvd. Santa Fe Springs, CA 90670
sgcal.com





certifies that

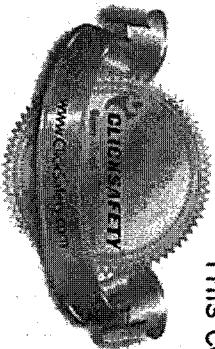
CHRIS MCNINCH

has successfully completed

OSHA 30 Hour Construction

and has earned 3 IACET CEUs and 30.3 Contact Hours.

This course was developed and presented by ClickSafety.com, Inc.



I confirm that I personally took the course listed above.



SERIAL NUMBER	14047950	COMPLETION DATE	11/14/2015	COURSE DURATION	30.25 HOURS	STUDENT SIGNATURE
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As an Authorized OSHA Outreach Training Provider, ClickSafety verifies that this OSHA Outreach Training course was conducted in accordance with OSHA Outreach Training Program requirements. ClickSafety will document this class to the OSHA Authorizing Training Organization. Upon successful review of the documentation, ClickSafety will provide each student their DOL OSHA card within 90 days of the completion date of the OSHA course.



SUBCONTRACTOR / SUPPLIER LIST

**Economic Development Authority of Riverside County
Riverside Public Defender / Probation Building**

Project No. FM08240003992

DATE

The following Subcontractors / Suppliers will be used on the Riverside Public Defender / Probation Building project.

None. All material is from lien free stock.

Smoke Guard California, Inc.
1915 Mark Ct #100
Concord, CA 94520

Sincerely,

Stephanie Lind
Project Administrator

ASD

Albert Aguirre Tson, Smoke Guard California, Inc

ID	Task Name	Duration	Start	Finish	Resource Names
1	EDA OFFICES FOR PUBLIC DEFENDER / PROBATION	588 days	Mon 4/8/15	Wed 8/7/17	EDA
2	Administration	588 days	Mon 4/8/15	Wed 8/7/17	EDA
3	Owner Notice To Proceed	0 days	Mon 4/8/15	Mon 4/8/15	ProWest
4	Project Site Available to ProWest	0 days	Mon 4/8/15	Mon 4/8/15	ProWest
5	Bid Documentation Complete	0 days	Wed 3/23/16	Wed 3/23/16	ProWest
6	Water Balances Complete	0 days	Wed 3/23/16	Wed 3/23/16	ProWest
7	Chlorination Complete	0 days	Tue 3/7/17	Tue 3/7/17	Plumbing
8	Air Balance Complete	0 days	Fri 3/17/17	Fri 3/17/17	Plumbing
9	Fire Alarm Ring Out	0 days	Tue 3/14/17	Tue 3/14/17	HVAC
10	Fire Marshal Final	0 days	Thu 3/9/17	Thu 3/9/17	TOR
11	Project Rain Delay	0 days	Tue 3/28/17	Tue 3/28/17	EDA
12	CM Compliance	20 days	Wed 3/29/17	Tue 4/25/17	ProWest
13	Substantial Completion	0 days	Wed 4/26/17	Tue 5/23/17	EDA
14	Punch Lists Complete	0 days	Tue 5/23/17	Tue 5/23/17	ProWest
15	Closeout Complete	30 days	Wed 4/26/17	Wed 5/23/17	ProWest
16	Bid Documentation Completion	232 days	Wed 8/7/17	Wed 8/7/17	ProWest
17	Building Scan PSA	80 days	Mon 4/8/15	Wed 3/23/16	EDA
18	RCT Needs to IT Wiring Standards Div 28	70 days	Mon 5/4/16	Mon 7/27/16	EDA
19	RCT Communications Design/Spec. Div 27	50 days	Mon 6/9/16	Fri 8/14/16	EDA
20	RCT Needs to Access Controls Design/Spec. Div 28 (w/User Input)	75 days	Mon 6/9/16	Thu 7/20/16	EDA
21	PSEC - DAS PublicSystem LOA and Design Interface for Pathway Infrastructure	15 days	Fri 4/17/16	Wed 7/20/16	EDA
22	Voice/Data Infrastructure Path. Inc. Documents Available for Bid	80 days	Mon 4/8/15	Wed 7/20/16	EDA
23	Owners Contract/Specs 00 & 01 Legal Review	70 days	Wed 5/6/16	Tue 8/11/16	EDA
24	Portform EDA Board Meeting / Budget Approvals	1 day	Tue 9/15/16	Tue 9/15/16	EDA
25	Architect Develop Scope & Budget for Conforming Project Documentation	14 days	Wed 7/15/16	Mon 8/9/16	EDA
26	EDA Authorize Contract Scope & Budget for Conforming Project Documentation	1 day	Wed 9/15/16	Tue 9/15/16	EDA
27	Architect/MECOM Complete Evaluation of Acoustical Study, Airflow and Existing OPR	10 days	Wed 8/18/16	Tue 9/15/16	EDA
28	Architect/MECOM Complete Evaluation of Acoustical Study, Airflow and Existing OPR	98 days	Mon 10/19/16	Tue 9/15/16	EDA
29	Architect/MECOM Complete Evaluation of Acoustical Study, Airflow and Existing OPR	10 days	Wed 9/15/16	Tue 9/15/16	EDA
30	Architect/MECOM Complete Evaluation of Acoustical Study, Airflow and Existing OPR	88 days	Mon 10/19/16	Wed 9/20/16	EDA
31	Permitting Agency Approve Revised Documentation	15 days	Thu 3/31/16	Wed 3/23/16	EDA
32	Fire Department Approve Revised Documentation	18 days	Thu 3/31/16	Wed 3/23/16	EDA
33	Seismic Upgrades	248 days	Mon 4/8/15	Fri 3/18/16	EDA
34	Contractor Complete Seismic Upgrades	240 days	Mon 4/8/15	Fri 3/18/16	Angelas
35	Final Signoff Seismic Scope	100 days	Mon 3/7/16	Fri 3/18/16	EDA
36	Bid & Award	138 days	Wed 1/19/16	Tue 6/31/16	ProWest
37	Bid Release # 1	30 days	Wed 1/19/16	Tue 2/23/16	ProWest
38	Voice / Data Infrastructure Improvements	30 days	Wed 1/19/16	Tue 2/23/16	ProWest
39	Fire Protection	30 days	Wed 1/19/16	Tue 2/23/16	ProWest
40	Bid Release 1A (Rebid)	30 days	Wed 1/19/16	Tue 2/23/16	ProWest
41	General Trades Package	77 days	Thu 1/14/16	Fri 4/23/16	General Trades
42	Selective Demolition	77 days	Thu 1/14/16	Fri 4/23/16	General Trades
43	Bid Release # 2	53 days	Thu 1/14/16	Wed 3/4/16	ProWest
44	Rough Carpentry	34 days	Tue 2/23/16	Tue 2/23/16	Rough Carpentry
45	Roofing & Insulation	34 days	Tue 2/23/16	Fri 4/8/16	Roofing
46	Flashing & Sheet Metal	34 days	Tue 2/23/16	Fri 4/8/16	Flashing
47	Doors, Frames, Hardware & Installation	34 days	Tue 2/23/16	Fri 4/8/16	Doors & Hardware
48	Glass and Aluminum	34 days	Tue 2/23/16	Fri 4/8/16	Glassing
49	Mold Stud Framing, Drywall & Insulation	34 days	Tue 2/23/16	Fri 4/8/16	Framing
50	Lath & Plaster	34 days	Tue 2/23/16	Fri 4/8/16	Lath & Plaster
51	Plumbing	34 days	Tue 2/23/16	Fri 4/8/16	Plumbing
52	HVAC and Controls	52 days	Tue 2/23/16	Fri 4/8/16	General Trades
53	Bid Release # 3	31 days	Thu 3/17/16	Thu 4/23/16	CPCC
54	Cast-In-Place Concrete & Reinforcing	31 days	Thu 3/17/16	Thu 4/23/16	Misc. Stud
55	Miscellaneous Steel & Railings	34 days	Thu 3/17/16	Thu 4/23/16	ProWest
56	Bid Release # 4	34 days	Thu 3/17/16	Tue 3/17/16	ProWest
57	Final Clean	34 days	Thu 3/17/16	Tue 3/17/16	Masonry
58	Cabinets & Finish Carpentry	34 days	Thu 3/17/16	Tue 3/17/16	Carpentry
59	Masonry	34 days	Thu 3/17/16	Tue 3/17/16	Carpentry
60	Cabinets & Finish Carpentry	34 days	Thu 3/17/16	Tue 3/17/16	Carpentry
61	Smoke Curtains	34 days	Thu 3/17/16	Tue 3/17/16	Smoke Curtains
62	Ceramic Tile & Stone	34 days	Thu 3/17/16	Tue 3/17/16	Tile
63	Acoustical Callings	34 days	Thu 3/17/16	Tue 3/17/16	ACT
64	Floor Covering	34 days	Thu 3/17/16	Tue 3/17/16	Floring
65	Painting & Wall Coverings	34 days	Thu 3/17/16	Tue 3/17/16	Paint

ID	Task Name	Duration	Start	Finish	Resource Names
65	Specialties & Appliances	34 days	Thu 3/31/16	Tue 5/17/16	Specialties
66	Signage	34 days	Thu 3/31/16	Tue 5/17/16	Signage
67	Window Coverings	34 days	Thu 3/31/16	Tue 5/17/16	Window Coverings
68	Elevator Refurbishment	34 days	Thu 3/31/16	Tue 5/17/16	Elevator
69	Bid Release # 5	18 days	Thu 5/27/16	Tue 6/13/16	
70	Electrical, Low Voltage, Security & Fire Alarm (REBID)	128 days	Mon 6/13/16	Mon 7/11/16	Electrical
71	Submitals/Approvals	80 days	Mon 6/13/16	Fri 8/18/16	
72	Bid Release # 1	25 days	Mon 6/13/16	Fri 6/25/16	
73	Voices / Data Infrastructure Improvements	50 days	Mon 6/13/16	Fri 8/18/16	Office Infrastructure
74	Fire Protection (Deferred Approval)	25 days	Mon 6/13/16	Fri 6/25/16	Fire Protection
75	Bid Release # 1A (Rebid)	5 days	Wed 6/15/16	Tue 6/21/16	
76	General Trades Package	5 days	Wed 6/15/16	Tue 6/21/16	General Trades
77	Selective Demolition	48 days	Wed 6/22/16	Tue 8/16/16	Demolition
78	Rough Carpentry	10 days	Wed 6/22/16	Tue 7/5/16	Rough Carpentry
79	Roofing & Insulation	20 days	Wed 6/22/16	Tue 7/12/16	Roofing
80	Flashing & Sheet Metal	20 days	Wed 6/22/16	Tue 7/12/16	Flashing
81	Doors, Frames, Hardware & Installation	20 days	Wed 6/22/16	Tue 7/12/16	Doors & Hardware
82	Glass and Aluminum	20 days	Wed 6/22/16	Tue 7/12/16	Glassing
83	Metal Stud Framing, Drywall & Insulation	15 days	Wed 6/22/16	Tue 7/5/16	Framing
84	Lath & Plaster	20 days	Wed 6/22/16	Tue 7/12/16	Lath & Plaster
85	Plumbing	20 days	Wed 6/22/16	Tue 7/12/16	Plumbing
86	HVAC and Controls	20 days	Wed 6/22/16	Tue 7/12/16	HVAC
87	Bid Release # 2	20 days	Mon 6/27/16	Mon 7/4/16	
88	Cast-In-Place Concrete & Reinforcing	15 days	Tue 6/28/16	Tue 7/12/16	Concrete
89	Miscellaneous Steel & Railings	20 days	Tue 6/28/16	Tue 7/12/16	Misc. Steel
90	Bid Release # 4	36 days	Fri 6/27/16	Mon 7/11/16	
91	Final Clean	5 days	Fri 6/27/16	Fri 6/30/16	Final Clean
92	Masonry	15 days	Fri 6/27/16	Fri 7/1/16	Masonry
93	Cabinets & Finish Carpentry	20 days	Fri 6/27/16	Fri 7/1/16	Cabinets
94	Smoke Curtains	20 days	Fri 6/27/16	Fri 7/1/16	Smoke Curtains
95	Ceramic Tile & Stone	25 days	Fri 6/27/16	Fri 7/1/16	Tile
96	Acoustical Ceilings	15 days	Fri 6/27/16	Fri 7/1/16	ACT
97	Floor Coverings	20 days	Fri 6/27/16	Fri 7/1/16	Flooring
98	Painting & Wall Coverings	15 days	Fri 6/27/16	Fri 7/1/16	Paint
99	Specialties & Appliances	25 days	Fri 6/27/16	Fri 7/1/16	Specialties
100	Signage	30 days	Fri 6/27/16	Fri 7/1/16	Signage
101	Window Coverings	20 days	Fri 6/27/16	Fri 7/1/16	Window Coverings
102	Elevator Refurbishment	20 days	Fri 6/27/16	Fri 7/1/16	Elevator
103	Bid Release # 5	20 days	Wed 6/29/16	Tue 7/5/16	
104	Electrical, Low Voltage, Security & Fire Alarm (REBID)	5 days	Wed 6/29/16	Tue 7/5/16	Electrical
105	BIM Coordination/Design	30 days	Thu 6/30/16	Thu 8/4/16	BIM
106	Supply CAD Backgrounds to MEP PTC's	5 days	Thu 6/30/16	Thu 7/7/16	MEP
107	Develop/Complete BIM Model	186 days	Mon 6/27/16	Thu 10/20/16	MEP
108	Procurement	15 days	Mon 6/27/16	Mon 7/4/16	
109	Bid Release # 1	15 days	Mon 6/27/16	Mon 7/4/16	
110	Voices / Data Infrastructure Improvements	15 days	Mon 6/27/16	Mon 7/4/16	Office Infrastructure
111	Fire Protection (Deferred Approval)	5 days	Wed 6/29/16	Tue 7/5/16	Fire Protection
112	Bid Release # 1A (Rebid)	5 days	Wed 6/29/16	Tue 7/5/16	
113	General Trades Package	5 days	Wed 6/29/16	Tue 7/5/16	General Trades
114	Selective Demolition	88 days	Wed 6/29/16	Wed 8/24/16	Demolition
115	Rough Carpentry	15 days	Wed 6/29/16	Tue 7/5/16	Rough Carpentry
116	Roofing & Insulation	20 days	Wed 6/29/16	Tue 7/12/16	Roofing
117	Flashing & Sheet Metal	20 days	Wed 6/29/16	Tue 7/12/16	Flashing
118	Doors, Frames, Hardware & Installation	40 days	Wed 6/29/16	Thu 7/27/16	Doors & Hardware
119	Glass and Aluminum	40 days	Wed 6/29/16	Thu 7/27/16	Glassing
120	Metal Stud Framing, Drywall & Insulation	10 days	Wed 6/29/16	Tue 7/5/16	Framing
121	Lath & Plaster	20 days	Wed 6/29/16	Tue 7/12/16	Lath & Plaster
122	Plumbing	30 days	Wed 6/29/16	Wed 8/3/16	Plumbing
123	HVAC and Controls	35 days	Wed 6/29/16	Wed 8/10/16	HVAC
124	Bid Release # 3	10 days	Wed 6/29/16	Wed 7/20/16	
125	Cast-In-Place Concrete & Reinforcing	30 days	Wed 6/29/16	Tue 8/2/16	Concrete
126	Miscellaneous Steel & Railings	20 days	Wed 6/29/16	Tue 7/12/16	Misc. Steel
127					
128					

ID	Task Name	Duration	Start	Finish	Resource Name
129	Bid Release #4	85 days	Mon 08/16	Tue 10/4/16	
130	Final Clean	5 days	Fri 8/19/16	Fri 8/19/16	Final Clean
131	Masonry	10 days	Mon 8/20/16	Fri 8/19/16	Masonry
132	Cabinets & Finish Carpentry	50 days	Mon 8/22/16	Tue 8/22/16	Cabinets
133	Smoke Curtains	40 days	Mon 8/22/16	Mon 8/22/16	Smoke Curtains
134	Ceramic Tile & Stone	20 days	Tue 7/15/16	Mon 8/15/16	The
135	Acoustical Ceilings	30 days	Mon 8/22/16	Mon 8/22/16	ACT
136	Floor Covering	40 days	Mon 8/22/16	Mon 8/22/16	Floting
137	Painting & Wall Coverings	15 days	Mon 8/22/16	Mon 8/22/16	Paint
138	Specialties & Appliances	30 days	Mon 8/22/16	Mon 8/22/16	Specialties
139	Signage	30 days	Tue 7/15/16	Mon 8/15/16	Signage
140	Window Coverings	20 days	Mon 8/22/16	Mon 8/22/16	Window Coverings
141	Elevator Rehabilitation	80 days	Tue 7/12/16	Tue 10/4/16	Elevator
142	Bid Release #5	70 days	Wed 8/23/16	Thu 10/6/16	
143	Electrical, Low Voltage, Security & Fire Alarm (REBID)	338 days	Thu 10/6/16	Thu 10/6/16	Electrical
144	Construction	88.5 days	Mon 8/1/16	Mon 8/29/16	
145	ProWest Mobilization	5 days	Tue 2/18/16	Mon 8/29/16	ProWest
146	Setup Trailers and Temp Utilities	5 days	Tue 2/23/16	Fri 8/20/16	General Trades
147	Construct Temporary Fencing w/ Sheds Cloth	7 days	Tue 2/23/16	Mon 8/23/16	General Trades
148	Install Temporary Lighting & Power	31.5 days	Mon 8/23/16	Thu 7/7/16	
149	Demolition	5 days	Wed 8/23/16	Wed 8/23/16	Demolition
150	Demo Interior Plaster, Soffits etc.	7 days	Wed 8/23/16	Fri 8/27/16	Demolition
151	Demo Remaining Ducting	3 days	Wed 8/23/16	Fri 8/27/16	Demolition
152	Demo "New" HVAC Ducting and Equipment	2 days	Wed 8/23/16	Thu 8/26/16	Demolition
153	Flush Sawcut existing SOG Inlets	2 days	Wed 8/23/16	Fri 8/27/16	Demolition
154	Demo Exterior Tile & Stonefront System	7 days	Mon 8/23/16	Fri 8/27/16	Demolition
155	Demo "New" Sprinkler Branches and Mains	10 days	Mon 8/23/16	Wed 8/31/16	Fire Protection
156	Demo Perimeter Framing, Roofing and Plaster Exterior back to G/L	10 days	Thu 8/27/16	Wed 8/31/16	Demolition
157	Demo Existing Chiller Unit & Perimeter Equipment and Pipes	5 days	Thu 8/27/16	Wed 8/31/16	Demolition
158	Demo HVAC Plenum, Fan Wall, and Ducts	3 days	Thu 8/27/16	Wed 8/31/16	Demolition
159	Demo and Remove Planters and Sidelwalk	1 day	Tue 8/27/16	Tue 8/27/16	Demolition
160	Demo Entry Section of Sidelwalk at Main Street	2 days	Tue 8/27/16	Wed 8/31/16	Demolition
161	Medium Blast Sidelwalk at Main Street & 11th Streets	5 days	Thu 8/27/16	Wed 8/31/16	Demolition
162	Remove "Old" Existing Curtain Wall System	15 days	Thu 8/27/16	Thu 8/27/16	Demolition
163	Remove Existing Roof Membrane, Insulation and Drains, All Levels	7 days	Thu 8/27/16	Thu 8/27/16	Demolition
164	Shore and Demo Access Bridge, Club and Railing (Requires Engineered Shore Plan)	26.5 days	Mon 2/1/16	Thu 8/27/16	Demolition
165	Shore and Demo Asphalt at Generator Pad	15 days	Thu 8/27/16	Thu 8/27/16	Demolition
166	Shore and Demo Asphalt at Generator Pad	1 day	Tue 7/5/16	Tue 7/5/16	Demolition
167	Shore and Demo Asphalt at Generator Pad	26.5 days	Mon 2/1/16	Thu 8/27/16	Demolition
168	Contractor Preparations	15 days	Mon 2/1/16	Thu 8/27/16	Offsite Infrastructure
169	Obtain "Street Opening" & "Traffic Control" Permits from City of Riverside	2 days	Mon 2/1/16	Thu 8/27/16	Offsite Infrastructure
170	Mobilize, Set-up Traffic Control Signage	3 days	Mon 2/22/16	Thu 8/27/16	Offsite Infrastructure
171	Notify Dig-Alert - Locate Existing Utilities	1 day	Mon 2/22/16	Mon 2/22/16	Offsite Infrastructure
172	Notify City of Riverside Parking Enforcement Agency	21 days	Tue 3/8/16	Wed 4/6/16	Offsite Infrastructure
173	11th Street Lines B & C	1 day	Tue 3/8/16	Wed 4/6/16	Offsite Infrastructure
174	Cold Plans 11th, Main Street, and Alley (all areas)	1 day	Tue 3/8/16	Wed 4/6/16	Offsite Infrastructure
175	Saw Cut AC & Concrete, Remove and Recycle	3 days	Wed 3/9/16	Thu 3/10/16	Offsite Infrastructure
176	Trench for Conduit and Excavate Between Vault No. 3 & 18	4 days	Thu 3/10/16	Thu 3/10/16	Offsite Infrastructure
177	Excavate and Shore Vault No. 3 & 18	2 days	Tue 3/15/16	Mon 3/21/16	Offsite Infrastructure
178	Install Vault No. 3 & 18	1 day	Tue 3/15/16	Fri 3/18/16	Offsite Infrastructure
179	Install Conduit, Sweeps, and Connections from Vault No.3 to No.18	1 day	Fri 3/18/16	Tue 3/22/16	Offsite Infrastructure
180	Backfill with Sand and CL II Base & Compact	1 day	Wed 3/23/16	Thu 3/24/16	Offsite Infrastructure
181	Install temp asphalt	1 day	Fri 3/25/16	Fri 3/25/16	Offsite Infrastructure
182	Saw Cut AC and Concrete, Remove and Recycle to Alley and end of Line C	2 days	Fri 3/25/16	Mon 3/28/16	Offsite Infrastructure
183	Trench for Conduits	1 day	Mon 3/28/16	Wed 3/30/16	Offsite Infrastructure
184	4' Curb at PD Building Wall	2 days	Tue 3/29/16	Thu 3/31/16	Offsite Infrastructure
185	Install Riser and Junction Box	2 days	Thu 3/31/16	Fri 4/1/16	Offsite Infrastructure
186	Install Conduit, Sweeps, and Connect from Vault No.18 to Alley and end of Line C	1 day	Fri 4/1/16	Mon 4/4/16	Offsite Infrastructure
187	Backfill with Sand and CL II Base & Compact	22 days	Mon 4/4/16	Wed 4/20/16	Offsite Infrastructure
188	Install temp asphalt	2 days	Wed 4/20/16	Fri 4/23/16	Offsite Infrastructure
189	11th Street Line A Vault # 3 to end of Line A	1 day	Wed 4/20/16	Wed 4/20/16	Offsite Infrastructure
190	Saw Cut AC & Concrete (including Courtyard Plaza), Remove and Recycle	5 days	Wed 4/20/16	Wed 4/20/16	Offsite Infrastructure
191	Trench for Conduit and Excavate Vault No. 3 to end of Line A	2 days	Wed 4/20/16	Wed 4/20/16	Offsite Infrastructure
192	Trench for Conduit and Excavate Vault No. 3 to end of Line A	2 days	Wed 4/20/16	Wed 4/20/16	Offsite Infrastructure

ID	Task Name	Duration	Start	Finish	Resource Name
193	Install PVC Conduit, Gaby Sweeps and connections from Vault No. 3 to end of Line A	3 days	Fri 4/18/16	Wed 4/23/16	Office Infrastructure
194	Repair Traffic Loops as necessary	2 days	Wed 4/23/16	Fri 4/25/16	Office Infrastructure
195	RCT Inspection	1 day	Fri 4/25/16	Mon 4/19/16	Office Infrastructure
196	Demo Temp Asphalt Install Permanent Asphalt	4 days	Mon 4/19/16	Fri 4/23/16	Office Infrastructure
197	Install Signage and Thermoplastic Striping	5 days	Fri 4/23/16	Fri 4/23/16	Office Infrastructure
198	1st Level	242 days	Wed 8/24/16	Mon 8/8/17	Glazing
199	Remove "New" Curtain Wall Materials & Provide Usable Inventory	10 days	Wed 8/24/16	Mon 9/1/16	Glazing
200	Trench Sewer Main @ SOG	2 days	Thu 8/25/16	Thu 8/25/16	Plumbing
201	Demo and Relocate Sewer Main, Backfill & Compact	4 days	Fri 8/27/16	Mon 9/1/16	Plumbing
202	Sewer, Repair and Install SOG All Areas	7 days	Fri 8/27/16	Mon 9/1/16	Plumbing
203	Patch and Repair Existing Plaster Walls, Interior and Exterior	15 days	Tue 8/31/16	Fri 9/17/16	Plumbing
204	Grid Lines and Room Layout	4 days	Mon 8/28/16	Wed 9/1/16	Plumbing
205	Slip Track Metal Stairs	12 days	Mon 8/28/16	Wed 9/1/16	Plumbing
206	Rough-in Fire Sprinkler Pumps, Mains & Branches	12 days	Tue 7/25/16	Mon 8/1/16	Plumbing
207	Plumbing Risers	12 days	Tue 7/25/16	Mon 8/1/16	Plumbing
208	Rough-in Plumbing Mains & Branches	12 days	Tue 7/25/16	Mon 8/1/16	Plumbing
209	Rough-in Ductwork	15 days	Tue 7/25/16	Mon 8/1/16	Plumbing
210	Set Distribution Control Panels and Transformers	12 days	Fri 10/27/16	Mon 10/24/16	Electrical
211	Electrical at New Perforated HVAC Equipment	15 days	Tue 7/25/16	Mon 8/1/16	Electrical
212	Rough-in Elec. Mains & Conduit Branches	15 days	Tue 7/25/16	Mon 8/1/16	Electrical
213	Rough-in LV Systems	15 days	Tue 7/25/16	Mon 8/1/16	Electrical
214	Rough-in Hydraulic Mains & Branches	15 days	Tue 7/25/16	Mon 8/1/16	Electrical
215	Rough-in Inspection	2 days	Thu 10/13/16	Fri 10/14/16	JOR
216	Metal Stud Framing	20 days	Mon 10/17/16	Fri 10/13/16	Framing
217	Frame & Build Exterior Pony Walls at Tiled Areas	5 days	Mon 10/17/16	Fri 10/13/16	Framing
218	Frame Plumbing Carrier Metal Stud Walls	3 days	Mon 10/17/16	Fri 10/13/16	Framing
219	Frame & Build Shaft Walls	3 days	Mon 10/17/16	Fri 10/13/16	Framing
220	Set Plumbing Phase Curriers	10 days	Mon 10/17/16	Fri 10/13/16	Framing
221	Rough-in Water Lines to Fixtures	3 days	Mon 10/24/16	Mon 10/24/16	Plumbing
222	Set Door Frames	5 days	Thu 10/20/16	Wed 10/25/16	Plumbing
223	Head Wall Rough-in	7 days	Mon 10/24/16	Tue 10/25/16	Plumbing
224	Frame Hard Ceilings & Soffit	10 days	Mon 10/24/16	Tue 10/25/16	Plumbing
225	Install Elevator Upgrades at 1st Level Lobby and Cab Interiors	20 days	Mon 11/14/16	Tue 12/25/16	Framing
226	In-Wall Batching at Plumbing Fixtures	3 days	Mon 11/14/16	Wed 11/16/16	Plumbing
227	In-Wall Equipment Backing	3 days	Mon 11/14/16	Wed 11/16/16	Plumbing
228	In-Wall Inspection	2 days	Wed 11/16/16	Thu 11/17/16	Plumbing
229	Install Ceiling Hung Equipment Supports	8 days	Wed 11/16/16	Thu 11/17/16	JOR
230	Rough-in Smoke Containment System	3 days	Wed 11/16/16	Thu 11/17/16	JOR
231	Drywall 1 Side	15 days	Wed 11/16/16	Thu 11/17/16	JOR
232	Plywood at Framed Exterior Pony Walls at Tiled Areas	2 days	Fri 11/17/16	Mon 11/14/16	Framing
233	Mud and Tape Drywall 1 Side	2 days	Fri 11/17/16	Mon 11/14/16	Framing
234	Above Ceiling Inspection	15 days	Fri 11/17/16	Mon 11/14/16	JOR
235	Drywall Hard Ceilings & Soffits	2 days	Mon 11/14/16	Tue 11/15/16	JOR
236	Drywall Inspection	7 days	Mon 11/14/16	Tue 11/15/16	JOR
237	Fire Stop Wall Penetrations	7 days	Tue 12/28/16	Wed 1/27/16	MEP
238	Insulate Walls	7 days	Tue 12/28/16	Wed 1/27/16	MEP
239	Wall / Overhead Cover Inspection	2 days	Thu 12/22/16	Fri 12/23/16	Framing
240	Install Rigid Backboards at Toilets, MPOE and Server Rooms	2 days	Thu 12/22/16	Fri 12/23/16	Framing
241	Drywall 2nd Side	15 days	Thu 12/22/16	Fri 12/23/16	Framing
242	Mud and Tape Drywall Ceilings & Walls	12 days	Thu 12/22/16	Fri 12/23/16	Framing
243	Install Doors & Finish Hardware	7 days	Thu 12/22/16	Fri 12/23/16	Framing
244	Interior Glazing	7 days	Thu 12/22/16	Fri 12/23/16	Framing
245	Prime & Paint Walls & Hard Ceilings	10 days	Thu 12/22/16	Fri 12/23/16	Framing
246	Finish Smoke Containment System	10 days	Thu 12/22/16	Fri 12/23/16	Framing
247	Buildout Electrical S/C & Comm Rooms	20 days	Wed 12/28/16	Thu 1/27/16	Electrical
248	Head Wall Finishes	10 days	Wed 12/28/16	Thu 1/27/16	Electrical
249	Acoustical Grid & Seismic Bracing	20 days	Wed 12/28/16	Thu 1/27/16	Electrical
250	Network & Tm	20 days	Wed 12/28/16	Thu 1/27/16	Electrical
251	Interior Handrails	5 days	Wed 12/28/16	Thu 1/27/16	Electrical
252	Waterproof Wet Areas	2 days	Wed 12/28/16	Thu 1/27/16	Electrical
253	Fire Sprinkler Heads at Ceiling	15 days	Wed 12/28/16	Thu 1/27/16	Electrical
254	HVAC Diffusers & Registers	7 days	Wed 12/28/16	Thu 1/27/16	Electrical
255	Terminate BMS & Program	10 days	Wed 12/28/16	Thu 1/27/16	Electrical
256	Light Fixtures at Ceiling Grid	10 days	Wed 12/28/16	Thu 1/27/16	Electrical

2016
 J.F.M.A.M.J.J.J.A.S.O.N.D.
 2017
 J.F.M.A.M.J.J.J.A.S.O.N.D.
 4 of 13
 Wed 5/4/16
 Durations in Working Days

EDA Riverside Public Defender / Probation Offices
 Preliminary Master Project Schedule
 Sorted by Geographical Area, Early Start

ProWest Construction
 EDA Public Defender - Preliminary MPS 05-05-16
 All Tasks

ID	Task Name	Duration	Start	Finish	Resource Name	2015	2016	2017
331	Terminate BUS & Program	10 days	Wed 2/28/17	Tue 2/29/17	HVAC			
332	Light Fixtures at Ceiling Grid	10 days	Wed 2/28/17	Tue 2/29/17	Electrical			
333	F/A Finish	7 days	Wed 2/28/17	Tue 2/16/17	Electrical			
334	Floor & Wall Tile	10 days	Fri 2/10/17	Tue 2/28/17	Tile			
335	Calling Tiles	10 days	Wed 2/15/17	Tue 2/28/17	ACT			
336	Plumbing Fixtures & Trim	5 days	Fri 2/17/17	Tue 2/28/17	Plumbing			
337	Toilet Partitions & Accessories	7 days	Fri 2/24/17	Mon 3/6/17	Specialties			
338	Flooring	15 days	Fri 2/24/17	Thu 3/16/17	Flooring			
339	Division 10 Accessories	10 days	Tue 3/7/17	Mon 3/20/17	Specialties			
340	Seal Flooding	2 days	Fri 3/17/17	Mon 3/27/17	EDA			
341	OFC Equipment	5 days	Fri 3/17/17	Mon 3/27/17	Flooring			
342	Window Coverings	5 days	Fri 3/17/17	Mon 3/27/17	Window Coverings			
343	Paint Touchup	5 days	Fri 3/17/17	Mon 3/27/17	Paint			
344	Inspection	5 days	Fri 3/17/17	Mon 3/27/17	IOR			
345	Signage	5 days	Fri 3/17/17	Mon 3/27/17	MEP			
346	Pre-Clean	10 days	Fri 3/17/17	Mon 4/3/17	MEP			
347	Pre-Test Fire Life Safety Systems	233 days	Wed 6/1/16	Mon 5/1/17	ProWest			
348	ProWest Punch List	10 days	Tue 4/18/17	Mon 5/1/17	ProWest			
349	Architect Punch List	4 days	Wed 6/1/16	Mon 6/1/17	ProWest			
350	3rd Level	10 days	Wed 6/1/16	Mon 6/1/17	Framing			
351	Grid Lines and Room Layout	7 days	Tue 6/21/16	Mon 6/28/16	Framing			
352	Slip Track Metal Studs	7 days	Tue 6/21/16	Mon 6/28/16	Framing			
353	Rough-in Fire Sprinkler Mains & Branches	10 days	Thu 6/30/16	Wed 7/27/16	Fire Protection			
354	Plumbing Risers	7 days	Thu 6/30/16	Mon 7/11/16	Plumbing			
355	Rough-in Plumbing Mains & Branches	10 days	Thu 6/30/16	Wed 10/5/16	HVAC			
356	Rough-in Ductwork	10 days	Thu 6/30/16	Tue 7/15/16	HVAC			
357	Rough-in Elec. Mains & Conduit Branches	7 days	Tue 6/21/16	Wed 6/29/16	Electrical			
358	Rough-in LV Systems	2 days	Thu 6/30/16	Fri 6/30/16	Electrical			
359	Rough-in Inspection	15 days	Mon 10/10/16	Fri 10/28/16	IOR			
360	Metal Stud Framing	3 days	Mon 10/10/16	Fri 10/28/16	IOR			
361	Frame Plumbing Carrier Metal Stud Walls	10 days	Mon 10/10/16	Wed 10/26/16	Framing			
362	Frame & Build Sheet Walls	10 days	Mon 10/10/16	Fri 10/28/16	Framing			
363	Set Plumbing Fixture Carriers	3 days	Mon 10/31/16	Wed 11/2/16	Plumbing			
364	Rough-in Water Lines to Fixtures	5 days	Thu 10/13/16	Mon 10/17/16	Plumbing			
365	Set Door Frames	7 days	Mon 10/24/16	Tue 11/1/16	Doors & Hardware			
366	Head Wall Rough-in	10 days	Mon 10/24/16	Tue 11/1/16	Framing			
367	Frame Hard Ceilings & soffits	5 days	Mon 10/31/16	Fri 11/4/16	Electrical			
368	In-Wall Backing at Plumbing Fixtures	3 days	Mon 10/31/16	Wed 11/2/16	Plumbing			
369	In-Wall Equipment Backing	20 days	Fri 11/18/16	Mon 12/26/16	Framing			
370	Install Ceiling Hung Equipment Supports	15 days	Wed 11/23/16	Tue 11/29/16	IOR			
371	Rough-in Smoke Containment System	5 days	Wed 11/23/16	Tue 11/29/16	Smoke Containment			
372	Drywall 1 Side	2 days	Wed 11/23/16	Tue 11/29/16	MEP			
373	Mud and Tape Drywall 1 Side	7 days	Tue 12/6/16	Mon 12/13/16	MEP			
374	Above Ceiling Inspection	2 days	Wed 11/23/16	Mon 12/13/16	ProWest			
375	Drywall Hard Ceilings & soffits	7 days	Wed 11/23/16	Mon 12/13/16	MEP			
376	Fire Stop Wall Penetrations	2 days	Tue 12/6/16	Wed 12/14/16	ProWest			
377	Insulate Walls	2 days	Tue 12/6/16	Wed 12/14/16	MEP			
378	Wall / Overhead Cover Inspection	2 days	Thu 12/15/16	Fri 12/16/16	ProWest			
379	Install Rigid Backboards at Tel/Data Rooms	10 days	Thu 12/15/16	Fri 12/16/16	Rough Carpentry			
380	Drywall 2nd Side	10 days	Thu 12/15/16	Fri 12/16/16	Framing			
381	Mud and Tape Drywall Ceilings & Walls	10 days	Thu 12/15/16	Fri 12/16/16	Framing			
382	Interior Glazing	7 days	Wed 12/5/17	Tue 12/21/17	Doors & Hardware			
383	Prime & Paint Walls & Hard Ceilings	10 days	Wed 12/5/17	Tue 12/21/17	Paint			
384	Finish Smoke Containment System	20 days	Wed 12/5/17	Tue 1/1/18	Smoke Containment			
385	Buildout Electrical S/G & Comm Rooms	10 days	Wed 12/5/17	Tue 1/1/18	Electrical			
386	Head Wall Finishes	20 days	Wed 12/5/17	Tue 1/1/18	Framing			
387	Acoustical Grid & Seismic Bracing	20 days	Wed 12/5/17	Tue 1/1/18	ACT			
388	Milwork & Trim	20 days	Wed 12/5/17	Tue 1/1/18	Cabinets			
389	Waterproof Wet Areas	2 days	Wed 2/28/17	Tue 2/29/17	Tile			

ProWest Constructors
 EDA Riverside Public Defender - Preliminary MPS 05-05-16
 All Tasks

EDA Riverside Public Defender / Probation Offices
 Preliminary Master Project Schedule
 Sorted by Geographical Area, Early Start

ID	Task Name	Duration	Start	Finish	Resource Names
513	Head Wall Finishes	10 days	Wed 2/14/17	Tue 2/14/17	Framing
514	Acoustical Grid & Seismic Bracing	20 days	Wed 2/14/17	Tue 2/28/17	ACT
515	Millicork & Trim	2 days	Wed 2/14/17	Tue 2/14/17	Cabinets
516	Waterproof Wall Areas	2 days	Wed 2/14/17	Tue 2/14/17	Tile
517	The Sprinkler Heads at Ceiling	15 days	Wed 2/14/17	Tue 2/28/17	Fire Protection
518	HVAC Diffusers & Registers	7 days	Wed 2/14/17	Thu 2/15/17	HVAC
519	Terminate BMS & Program	10 days	Wed 2/14/17	Thu 2/21/17	HVAC
520	Light Fixtures at Ceiling Grid	10 days	Wed 2/14/17	Thu 2/21/17	Electrical
521	FIA Finish	7 days	Wed 2/14/17	Thu 2/15/17	Electrical
522	Floor & Wall Tile	10 days	Wed 2/14/17	Thu 2/21/17	Tile
523	Calling Tiles	5 days	Wed 2/14/17	Thu 2/21/17	ACT
524	Plumbing Fixtures & Trim	5 days	Wed 2/14/17	Thu 2/21/17	Plumbing
525	Toilet Partitions & Accessories	7 days	Wed 2/14/17	Thu 2/21/17	Plumbing
526	Division 10 Accessories	15 days	Wed 2/14/17	Thu 2/21/17	Specialties
527	Flooring	2 days	Wed 2/14/17	Thu 2/15/17	Flooring
528	Seal Flooring	5 days	Wed 2/14/17	Thu 2/21/17	Specialties
529	OFC Equipment	5 days	Wed 2/14/17	Thu 2/21/17	Specialties
530	Window Coverings	5 days	Wed 2/14/17	Thu 2/21/17	EDA
531	Paint Touchup	5 days	Wed 2/14/17	Thu 2/21/17	Window Coverings
532	Inspection	2 days	Wed 2/14/17	Thu 2/15/17	Paint
533	Signage	5 days	Wed 2/14/17	Thu 2/21/17	Signage
534	Pre-Clean	5 days	Wed 2/14/17	Thu 2/21/17	Final Clean
535	Pre-Test Fire Life Safety Systems	5 days	Wed 2/14/17	Thu 2/21/17	MEP
536	ProWest Punch List	10 days	Wed 2/14/17	Thu 2/21/17	ProWest
537	Architect Punch List	10 days	Wed 2/14/17	Thu 2/21/17	ProWest
538	8th Level	21 days	Wed 2/14/17	Mon 3/1/17	ProWest
539	Grid Line and Room Layout	4 days	Wed 2/14/17	Wed 2/22/17	Framing
540	Slip Track Metal Studs	10 days	Wed 2/14/17	Thu 2/28/17	Framing
541	Rough-in Fire Sprinkler Mains & Branches	7 days	Wed 2/14/17	Thu 2/21/17	Fire Protection
542	Plumbing Risers	10 days	Wed 2/14/17	Thu 2/28/17	Plumbing
543	Rough-in Plumbing Mains & Branches	7 days	Wed 2/14/17	Thu 2/21/17	Plumbing
544	Rough-in Ductwork	10 days	Wed 2/14/17	Thu 2/28/17	HVAC
545	Rough-in Elec. Mains & Conduit Branches	10 days	Wed 2/14/17	Thu 2/28/17	Electrical
546	Rough-in LV Systems	7 days	Wed 2/14/17	Thu 2/21/17	Electrical
547	Rough-in Hydraulic Mains & Branches	7 days	Wed 2/14/17	Thu 2/21/17	Electrical
548	Rough-in Inspection	7 days	Wed 2/14/17	Thu 2/21/17	HVAC
549	Metal Stud Framing	2 days	Wed 2/14/17	Thu 2/15/17	IDR
550	Frame Plumbing Carrier Metal Stud Walls	15 days	Wed 2/14/17	Thu 2/28/17	Framing
551	Frame & Build Shaft Walls	3 days	Wed 2/14/17	Thu 2/15/17	Plumbing
552	Set Plumbing Fixture Carriers	10 days	Wed 2/14/17	Thu 2/28/17	Framing
553	Rough-in Water Lines to Fixtures	3 days	Wed 2/14/17	Thu 2/15/17	Plumbing
554	Set Door Frames	5 days	Wed 2/14/17	Thu 2/21/17	Plumbing
555	Head Wall Rough-in	7 days	Wed 2/14/17	Thu 2/21/17	Doors & Hardware
556	Install Elevator Upgrades at 8th Level Lobby	10 days	Wed 2/14/17	Thu 2/21/17	Framing
557	In-Wall Bedding at Plumbing Fixtures	5 days	Wed 2/14/17	Thu 2/21/17	Elevator
558	In-Wall Bedding at Plumbing Fixtures	3 days	Wed 2/14/17	Thu 2/15/17	Plumbing
559	In-Wall Inspection	2 days	Wed 2/14/17	Thu 2/15/17	Framing
560	Install Ceiling Hung Equipment Supports	5 days	Wed 2/14/17	Thu 2/21/17	MEP
561	Rough-in Smoke Containment System	3 days	Wed 2/14/17	Thu 2/15/17	Smoke Containment
562	Drywall 1 Side	15 days	Wed 2/14/17	Thu 2/28/17	Plumbing
563	Mud and Tape Drywall 1 Side	20 days	Wed 2/14/17	Thu 2/28/17	Plumbing
564	Above Ceiling Inspection	2 days	Wed 2/14/17	Thu 2/15/17	IDR
565	Drywall Hard Ceilings & soffits	2 days	Wed 2/14/17	Thu 2/15/17	Framing
566	Drywall Inspection	2 days	Wed 2/14/17	Thu 2/15/17	IDR
567	Fire Stop Wall Penetrations	7 days	Wed 2/14/17	Thu 2/21/17	IDR
568	Installate Walls	7 days	Wed 2/14/17	Thu 2/21/17	MEP
569	Wall / Overhead Cover Inspection	2 days	Wed 2/14/17	Thu 2/15/17	Framing
570	Install Riser Backboards at Tel/Dial Rooms	2 days	Wed 2/14/17	Thu 2/15/17	Plumbing
571	Drywall 2nd Side	15 days	Wed 2/14/17	Thu 2/28/17	Plumbing
572	Mud and Tape Drywall Ceilings & Walls	12 days	Wed 2/14/17	Thu 2/28/17	Plumbing
573	Install Doors & Finish Hardware	10 days	Wed 2/14/17	Thu 2/21/17	Plumbing
574	Interior Glazing	7 days	Wed 2/14/17	Thu 2/21/17	Doors & Hardware
575	Prime & Paint Walls & Hard Ceilings	7 days	Wed 2/14/17	Thu 2/21/17	Paint
576	Paint	7 days	Wed 2/14/17	Thu 2/21/17	Paint

ID	Task Name	Duration	Start	Finish	Resource Names
577	Finish Smoke Containment System	10 days	Wed 12/25/17	Tue 2/7/18	Smoke Curtains
578	Build Electrical B/G & Conduit Rooms	20 days	Wed 1/18/17	Tue 2/14/17	Electrical
579	Head Wall Finishes	10 days	Wed 2/1/17	Tue 2/14/17	Finishing
580	Acoustical Grid & Seismic Bracing	20 days	Wed 2/1/17	Tue 2/28/17	ACT
581	Millwork & Trim	20 days	Wed 2/8/17	Tue 3/7/17	Cabinets
582	Waterproof Wet Areas	2 days	Wed 2/8/17	Tue 2/28/17	Tile
583	Fire Sprinkler Heads at Ceiling	15 days	Wed 2/8/17	Tue 2/28/17	Fire Protection
584	HVAC Diffusers & Registers	7 days	Wed 2/8/17	Tue 2/28/17	HVAC
585	Terminals BMS & Program	10 days	Wed 2/8/17	Tue 2/28/17	Electrical
586	Light Fixtures at Ceiling Grid	10 days	Wed 2/8/17	Tue 2/28/17	Electrical
587	Flt. Finish	7 days	Wed 2/8/17	Tue 2/28/17	Tile
588	Floor & Wall Tile	10 days	Wed 2/8/17	Tue 2/28/17	ACT
589	Plumbing Fixtures & Trim	5 days	Fri 2/10/17	Tue 2/28/17	Plumbing
590	Toilet Partitions & Accessories	7 days	Fri 2/10/17	Tue 2/28/17	Specialties
591	Flooring	15 days	Mon 3/6/17	Mon 3/6/17	Specialties
592	Seal Flooding	10 days	Mon 3/20/17	Mon 3/20/17	Flooring
593	Division 10 Accessories	2 days	Fri 3/17/17	Mon 3/27/17	EDA
594	OFCI Equipment	5 days	Fri 3/17/17	Mon 3/27/17	EDA
595	Window Coverings	5 days	Fri 3/17/17	Mon 3/27/17	Window Coverings
596	Paint Touchup	2 days	Fri 3/17/17	Mon 3/27/17	Paint
597	Inspection	5 days	Fri 3/17/17	Mon 3/27/17	IOR
598	Signage	5 days	Fri 3/17/17	Mon 3/27/17	Signage
599	Pre-Clean	5 days	Tue 3/28/17	Mon 4/3/17	Final Clean
600	Pre-Test Fire Life Safety Systems	10 days	Fri 3/24/17	Mon 4/3/17	M/E/P
601	Pre-Test Fire Life Safety Systems	10 days	Fri 3/24/17	Mon 4/3/17	Pre-Test
602	Architect Punch List	10 days	Tue 4/4/17	Mon 4/17/17	Pre-Test
603	Architect Punch List	10 days	Tue 4/4/17	Mon 4/17/17	Pre-Test
604	7th Level	217 days	Tue 4/18/17	Mon 5/1/17	
605	Grid Line and Room Layout	4 days	Tue 8/23/16	Mon 8/1/17	
606	Slip Track Metal Studs	10 days	Thu 8/23/16	Wed 7/13/16	Finishing
607	Rough-in Fire Sprinkler Mains & Branches	7 days	Thu 7/14/16	Fri 7/22/16	Fire Protection
608	Plumbing Risers	10 days	Thu 7/14/16	Fri 7/22/16	Plumbing
609	Rough-in Plumbing Mains & Branches	7 days	Thu 7/14/16	Fri 7/22/16	Plumbing
610	Rough-in Ductwork	10 days	Thu 7/14/16	Fri 7/22/16	Electrical
611	Rough-in Elec. Mains & Conduit Branches	7 days	Thu 7/14/16	Fri 7/22/16	Electrical
612	Rough-in LV Systems	7 days	Thu 7/14/16	Fri 7/22/16	HVAC
613	Rough-in Hydronic Mains & Branches	2 days	Thu 10/6/16	Fri 10/7/16	IOR
614	Rough-in Inspection	15 days	Mon 10/10/16	Fri 10/28/16	Finishing
615	Metal Stud Framing	3 days	Mon 10/10/16	Wed 10/23/16	Plumbing
616	Frame Plumbing Carrier Metal Stud Walls	10 days	Mon 10/10/16	Wed 10/23/16	Plumbing
617	Frame & Build Shaft Walls	3 days	Mon 10/10/16	Fri 10/21/16	Plumbing
618	Set Plumbing Fixture Carriers	3 days	Thu 10/13/16	Mon 10/19/16	Plumbing
619	Rough-in Water Lines to Fixtures	5 days	Thu 10/13/16	Mon 10/19/16	Plumbing
620	Set Door Frames	7 days	Mon 10/24/16	Tue 11/7/16	Doors & Hardware
621	Head Wall Rough-in	7 days	Mon 10/24/16	Tue 11/7/16	Doors & Hardware
622	Frame Hand Callings & soffits	10 days	Mon 10/24/16	Tue 11/7/16	Finishing
623	Install Elevator Upgrades at 7th Level Lobby	5 days	Mon 10/31/16	Fri 11/11/16	Elevator
624	In-Wall Building at Plumbing Fixtures	3 days	Mon 10/31/16	Fri 11/11/16	Finishing
625	In-Wall Equipment Beading	3 days	Mon 10/31/16	Fri 11/11/16	Finishing
626	Install Ceiling Hung Equipment Supports	2 days	Wed 11/2/16	Thu 11/2/16	IOR
627	Rough-in Smoke Containment System	5 days	Wed 11/2/16	Thu 11/2/16	IOR
628	Drywall 1 Side	3 days	Wed 11/2/16	Thu 11/2/16	Misc. Steel
629	Mud and Tape Drywall 1 Side	15 days	Fri 11/4/16	Mon 11/28/16	Smoke Curtains
630	Above Ceiling Inspection	20 days	Mon 11/28/16	Mon 12/28/16	Finishing
631	Drywall Hand Callings & soffits	15 days	Wed 11/28/16	Thu 12/1/16	Finishing
632	Drywall Inspection	2 days	Fri 11/11/16	Mon 11/28/16	IOR
633	Fire Stop Wall Penetrations	2 days	Fri 11/11/16	Mon 11/28/16	Finishing
634	Insulate Walls	7 days	Tue 12/6/16	Wed 12/14/16	M/E/P
635	Wall / Overhead Cover Inspection	7 days	Thu 12/15/16	Fri 12/23/16	Finishing
636	Install Retard Backboards at Tel/Data Rooms	2 days	Thu 12/15/16	Fri 12/23/16	Pre-Test
637	Drywall 2nd Side	2 days	Thu 12/15/16	Fri 12/23/16	Pre-Test
638	Mud and Tape Drywall Ceilings & Walls	15 days	Tue 12/27/16	Fri 1/17/17	Rough Carpentry
639	Install Doors & Finish Hardware	12 days	Wed 1/10/17	Thu 1/23/17	Finishing
640	Install Doors & Finish Hardware	10 days	Wed 1/23/17	Thu 2/7/17	Doors & Hardware

ID	Task Name	Duration	Start	Finish	Resource Names	2015	2016	2017
641	Interior Glazing	7 days	Wed 12/25/17	Thu 2/22/17	Glazing	F	M	A
642	Prime & Paint Walls & Hard Ceilings	10 days	Wed 12/25/17	Tue 2/7/17	Paint	J	J	J
643	Finish Smoke Containment System	10 days	Wed 12/25/17	Tue 2/7/17	Smoke Curtains	M	J	J
644	Buildout Electrical S/G & Comm Rooms	20 days	Wed 1/16/17	Tue 2/14/17	Electrical	J	J	J
645	Head Wall Finishes	10 days	Wed 2/01/17	Tue 2/28/17	Finishing	J	J	J
646	Acoustical Gild & Saltillo Backing	20 days	Wed 2/01/17	Tue 2/28/17	ACT	J	J	J
647	Mitework & Trim	21 days	Wed 2/01/17	Tue 3/7/17	Cabinets	J	J	J
648	Waterproof/Wet Areas	2 days	Wed 2/01/17	Tue 2/01/17	Tiles	J	J	J
649	Fire Sprinkler Heads at Ceiling	15 days	Wed 2/01/17	Tue 2/28/17	Fire Protection	J	J	J
650	HVAC Ductwork & Registers	7 days	Wed 2/01/17	Tue 2/14/17	HVAC	J	J	J
651	Terminate BMS & Program	10 days	Wed 2/01/17	Tue 2/21/17	Electrical	J	J	J
652	Light Fixtures at Ceiling Grid	10 days	Wed 2/01/17	Tue 2/14/17	Electrical	J	J	J
653	FIA Finish	7 days	Fri 2/16/17	Thu 2/16/17	Tile	J	J	J
654	Floor & Wall Tile	10 days	Wed 2/16/17	Tue 2/23/17	ACT	J	J	J
655	Calling Tiles	5 days	Wed 2/16/17	Thu 2/23/17	Plumbing	J	J	J
656	Plumbing Fixtures & Trim	5 days	Fri 2/17/17	Mon 3/5/17	Specialties	J	J	J
657	Token Partitions & Accessories	15 days	Fri 2/24/17	Thu 3/16/17	Flooring	J	J	J
658	Flooring	10 days	Fri 2/24/17	Thu 3/16/17	Specialties	J	J	J
659	Division 10 Accessories	2 days	Fri 3/17/17	Mon 3/20/17	Flooring	J	J	J
660	Seal Flooring	5 days	Fri 3/17/17	Mon 3/20/17	EDA	J	J	J
661	OPCI Equipment	5 days	Fri 3/17/17	Mon 3/20/17	Paint	J	J	J
662	Window Coverings	5 days	Fri 3/17/17	Mon 3/20/17	Paint	J	J	J
663	Paint Touchup	5 days	Fri 3/17/17	Mon 3/20/17	Paint	J	J	J
664	Inspection	2 days	Fri 3/24/17	Mon 3/27/17	Paint	J	J	J
665	Signage	5 days	Fri 3/24/17	Mon 3/27/17	Signage	J	J	J
666	Pre-Clean	5 days	Fri 3/24/17	Mon 3/27/17	Final Clean	J	J	J
667	Pre-Test Fire Life Safety Systems	5 days	Fri 3/24/17	Mon 3/27/17	Final Clean	J	J	J
668	Post-Test Punch List	10 days	Tue 4/4/17	Mon 4/17/17	Pre/Post	J	J	J
669	Architect Punch List	10 days	Tue 4/4/17	Mon 4/17/17	Pre/Post	J	J	J
670	8th Level	213 days	Tue 4/18/17	Mon 5/1/17	Whose Coverings	J	J	J
671	Grid Line and Room Layout	4 days	Wed 5/23/16	Mon 5/1/17	Paint	J	J	J
672	Slip Track Metal Studs	10 days	Wed 5/23/16	Tue 7/19/16	FRaming	J	J	J
673	Rough-in Fire Sprinkler Mains & Branches	7 days	Wed 7/20/16	Thu 7/28/16	FRaming	J	J	J
674	Plumbing Risers	10 days	Wed 7/20/16	Thu 7/28/16	FRaming	J	J	J
675	Rough-in Plumbing Mains & Branches	7 days	Wed 7/20/16	Thu 7/28/16	FRaming	J	J	J
676	Rough-in Ductwork	10 days	Thu 8/23/16	Wed 10/5/16	FRaming	J	J	J
677	Rough-in Elec. Mains & Conduit Branches	10 days	Thu 8/23/16	Wed 10/5/16	FRaming	J	J	J
678	Rough-in LV Systems	7 days	Wed 8/23/16	Tue 8/24/16	FRaming	J	J	J
679	Rough-in Hydraulic Mains & Branches	7 days	Wed 8/23/16	Thu 8/24/16	FRaming	J	J	J
680	Rough-in LV Systems	2 days	Thu 8/24/16	Fri 8/26/16	FRaming	J	J	J
681	Frame Plumbing Carrier Metal Stud Walls	15 days	Thu 10/20/16	Fri 10/28/16	FRaming	J	J	J
682	Metal Stud Framing	3 days	Mon 10/10/16	Wed 10/12/16	FRaming	J	J	J
683	Set Plumbing Frame Carriers	10 days	Mon 10/10/16	Wed 10/12/16	FRaming	J	J	J
684	Rough-in Water Lines to Fixtures	3 days	Mon 10/10/16	Wed 10/12/16	FRaming	J	J	J
685	Set Door Frames	5 days	Mon 10/24/16	Thu 11/1/16	FRaming	J	J	J
686	Head Wall Rough-in	7 days	Mon 10/24/16	Thu 11/1/16	FRaming	J	J	J
687	Frames Hard Ceilings & soffits	10 days	Mon 10/24/16	Thu 11/1/16	FRaming	J	J	J
688	Install Elevator Upgrades at 8th Level Lobby	5 days	Mon 10/24/16	Thu 11/1/16	FRaming	J	J	J
689	In-Wall Backing at Plumbing Fixtures	3 days	Mon 10/24/16	Thu 11/1/16	FRaming	J	J	J
690	In-Wall Equipment Backing	3 days	Mon 10/24/16	Thu 11/1/16	FRaming	J	J	J
691	In-Wall Inspection	2 days	Mon 10/24/16	Thu 11/1/16	FRaming	J	J	J
692	Install Ceiling Hung Equipment Supports	2 days	Wed 11/2/16	Thu 11/2/16	FRaming	J	J	J
693	Rough-in Smoke Containment System	3 days	Wed 11/2/16	Thu 11/2/16	FRaming	J	J	J
694	Drywall 1 Side	15 days	Fri 11/4/16	Mon 11/28/16	FRaming	J	J	J
695	Mud and Tape Drywall 1 Side	20 days	Fri 11/4/16	Mon 12/19/16	FRaming	J	J	J
696	Above Ceiling Inspection	2 days	Fri 11/19/16	Mon 11/19/16	FRaming	J	J	J
697	Drywall Hard Ceilings & soffits	15 days	Fri 11/19/16	Mon 11/19/16	FRaming	J	J	J
698	Drywall Inspection	2 days	Wed 11/23/16	Wed 11/23/16	FRaming	J	J	J
699	Fire Stop Wall Penetrations	7 days	Tue 1/30/17	Wed 1/27/16	FRaming	J	J	J
700	Insulate Walls	7 days	Tue 1/30/17	Wed 1/27/16	FRaming	J	J	J
701	Wall / Overhead Cover Inspection	2 days	Thu 1/25/16	Fri 1/25/16	FRaming	J	J	J
702	Install Rated Backboards at Tel/Data Rooms	2 days	Thu 1/25/16	Fri 1/25/16	FRaming	J	J	J
703	Drywall 2nd Side	15 days	Tue 1/27/16	Tue 1/27/16	FRaming	J	J	J
704								

ID	Task Name	Duration	Start	Finish	Resource Names
705	Mud and Tape Drywall Ceilings & Walls	12 days	Wed 11/11/17	Thu 12/26/17	Finishing
706	PSEC/Chy Fire Investigate & Define DAS (Amplification System) Requirements	3 days	Fri 12/15/17	Tue 12/19/17	EDA
707	Install Doors & Finish Hardware	10 days	Wed 12/20/17	Thu 2/1/18	Doors & Hardware
708	Interior Glazing	7 days	Wed 12/20/17	Thu 2/1/18	Glazing
709	Prime & Paint Walls & Hard Ceilings	10 days	Wed 12/20/17	Thu 2/1/18	Paint
710	Finish Smoke Containment System	10 days	Wed 12/20/17	Thu 2/1/18	Smoke Ducts
711	Buildout Electrical SKG & Comm Rooms	20 days	Wed 1/18/18	Tue 2/14/18	Electrical
712	Head Wall Finishes	10 days	Wed 2/14/18	Tue 2/20/18	Finishing
713	Acoustical Grid & Seismic Bracing	20 days	Wed 2/14/18	Tue 2/20/18	ACT
714	Milwork & Trim	20 days	Wed 2/14/18	Tue 2/20/18	ACT
715	Waterproof Wet Areas	2 days	Wed 2/14/18	Tue 2/20/18	The
716	Fire Sprinkler Wet Areas	15 days	Wed 2/14/18	Tue 2/20/18	Fire Protection
717	HVAC Diffusers & Registers	7 days	Wed 2/14/18	Tue 2/20/18	HVAC
718	Terminate BMS & Program	10 days	Wed 2/14/18	Tue 2/20/18	HVAC
719	Light Fixtures at Ceiling Grid	7 days	Wed 2/14/18	Tue 2/20/18	Electrical
720	FIA Finish	10 days	Wed 2/14/18	Tue 2/20/18	Electrical
721	Floor & Wall Tile	5 days	Fri 2/16/18	Thu 2/22/18	Tile
722	PSEC Install DAS (Amplification System) Apparatus	5 days	Wed 2/15/18	Tue 2/21/18	EDA
723	Callout Tiles	10 days	Wed 2/15/18	Tue 2/21/18	EDA
724	Plumbing Fixtures & Trim	5 days	Wed 2/15/18	Tue 2/21/18	Plumbing
725	Toilet Partitions & Accessories	7 days	Fri 2/16/18	Thu 2/22/18	Specialties
726	Flooring	15 days	Fri 2/16/18	Thu 2/22/18	Flooring
727	Division 10 Accessories	10 days	Fri 2/16/18	Thu 2/22/18	Specialties
728	Seal Flooding	2 days	Mon 2/20/18	Mon 2/20/18	Seal Flooding
729	OFCI Equipment	5 days	Mon 2/20/18	Mon 2/20/18	Specialties
730	Window Coverings	5 days	Mon 2/20/18	Mon 2/20/18	Window Coverings
731	Paint Touchup	5 days	Fri 2/16/18	Thu 2/22/18	Paint
732	Inspection	5 days	Fri 2/16/18	Thu 2/22/18	Inspection
733	Signage	5 days	Fri 2/16/18	Thu 2/22/18	Signage
734	Pre-Clean	5 days	Fri 2/16/18	Thu 2/22/18	Pre-Clean
735	Pre-Test Fire Life Safety Systems	5 days	Fri 2/16/18	Thu 2/22/18	Pre-Test Fire Life Safety Systems
736	PreTest Punch List	5 days	Fri 2/16/18	Thu 2/22/18	PreTest Punch List
737	Architect Punch List	5 days	Fri 2/16/18	Thu 2/22/18	Architect Punch List
738	Exterior	128 days	Mon 1/15/17	Mon 1/15/17	Exterior
739	Electrical / Emergency Generator	67 days	Mon 1/15/17	Mon 1/15/17	Electrical
740	Construct Footings and SOG at Generator Pad	10 days	Mon 1/15/17	Mon 1/15/17	Electrical
741	Construct CMU Enclosure at Generator Pad	10 days	Mon 1/15/17	Mon 1/15/17	Electrical
742	Install Barbed Wire and Chain-link Fencing at Generator Pad	2 days	Mon 1/15/17	Mon 1/15/17	Electrical
743	Install HM Door, Frame and Hardware at Generator Enclosure	2 days	Mon 1/15/17	Mon 1/15/17	Electrical
744	Set Emergency Generator	2 days	Mon 1/15/17	Mon 1/15/17	Electrical
745	Set and Install Day Tank	2 days	Mon 1/15/17	Mon 1/15/17	Electrical
746	PTC Test & Inspect Emergency Generator System	3 days	Mon 1/15/17	Mon 1/15/17	Electrical
747	Verify Generator Systems & Controls	5 days	Mon 1/15/17	Mon 1/15/17	Electrical
748	Conduct Emergency Generator Load Test	10 days	Mon 1/15/17	Mon 1/15/17	Electrical
749	Commission Emergency Generator System	10 days	Mon 1/15/17	Mon 1/15/17	Electrical
750	Train Owner on New Emergency Generator	2 days	Mon 1/15/17	Mon 1/15/17	Electrical
751	Roofing & Screen Walls	78 days	Mon 1/15/17	Mon 1/15/17	Roofing
752	Final Prep Roof Decks	7 days	Mon 1/15/17	Mon 1/15/17	Roofing
753	Install Wood Cap at Parapets	3 days	Mon 1/15/17	Mon 1/15/17	Roofing
754	Install Misc. Flashings, Parapet Caps, and Curb Pans, three Levels	10 days	Mon 1/15/17	Mon 1/15/17	Roofing
755	Install Crickets/Insulation	10 days	Mon 1/15/17	Mon 1/15/17	Roofing
756	Install Roofing Membrane, three Levels	15 days	Mon 1/15/17	Mon 1/15/17	Roofing
757	Boots and Counter Flashing at MEP's, Parapet Caps, and Mech Curbs	7 days	Mon 1/15/17	Mon 1/15/17	Roofing
758	Install Mechanical Screen Walls at 2nd & 8th Level Decks	25 days	Mon 1/15/17	Mon 1/15/17	Roofing
759	HVAC @ Penthouses	28 days	Mon 1/15/17	Mon 1/15/17	Misc. Steel
760	Set and Pipe New Chiller Unit(s)	20 days	Mon 1/15/17	Mon 1/15/17	HVAC
761	Radius/Wall Supply/Return Plenum	15 days	Mon 1/15/17	Mon 1/15/17	HVAC
762	Set and Pipe Condensing Boiler Unit	7 days	Mon 1/15/17	Mon 1/15/17	Plumbing
763	Set, Pipe, and Test CHWS/R Pumps	10 days	Mon 1/15/17	Mon 1/15/17	Plumbing
764	Test & Inspect Boiler Under Load	2 days	Mon 1/15/17	Mon 1/15/17	HVAC
765	Test & Inspect Chiller Under Load	2 days	Mon 1/15/17	Mon 1/15/17	HVAC
766	Verify Operations with Systems and Controls	2 days	Mon 1/15/17	Mon 1/15/17	HVAC
767	Commission New Chiller Units	5 days	Mon 1/15/17	Mon 1/15/17	Plumbing
768	Commission New Condensing Boiler	5 days	Mon 1/15/17	Mon 1/15/17	Plumbing

ID	Task Name	Duration	Start	Finish	Resource Name
769	Trash Chute on New Chiller Units and related Equipment	2 days	Fri 11/30/17	Mon 12/04/17	HVAC
770	Curtain Wall, Glazing, and Plaster	138 days	Wed 7/26/16	Fri 5/26/17	
771	Exterior Fascia Level 1	20 days	Wed 7/26/16	Tue 8/23/16	
772	Install New and Repair Exterior Soffit Framing	10 days	Wed 7/26/16	Tue 8/23/16	Drywall
773	Install New and Repair Plaster at Exterior Soffit	10 days	Wed 7/26/16	Tue 8/23/16	Lath & Plaster
774	Exterior Fascia Levels 2 thru 8	22 days	Wed 7/26/16	Mon 12/25/16	
775	Repair Plaster at Elevations	15 days	Wed 11/22/16	Mon 12/25/16	Lath & Plaster
776	Elastomeric Paint all Exterior	7 days	Wed 11/22/16	Mon 12/25/16	Paint
777	Level 1	41 days	Thu 8/17/16	Thu 9/15/16	
778	Frame out 1st Level Exterior Tiled Walls	7 days	Thu 7/14/16	Fri 7/15/16	Framing
779	Install Plywood at 1st Level Exterior Tiled Walls	2 days	Fri 7/15/16	Fri 7/15/16	Rough Carpentry
780	Prep and Install Exterior Porcelain Tile	15 days	Mon 7/18/16	Fri 8/5/16	The
781	Install Set Clips	3 days	Mon 7/18/16	Wed 7/25/16	Glazing
782	Install Window Flashing	5 days	Thu 7/21/16	Wed 7/27/16	Glazing
783	Install Waterproofing	3 days	Thu 7/28/16	Mon 8/1/16	Glazing
784	Install Framing/Storefront System	20 days	Tue 8/2/16	Mon 8/29/16	Glazing
785	Caulk and Seal	3 days	Tue 8/23/16	Thu 8/25/16	Glazing
786	Levels 2 thru 8	88 days	Mon 10/31/16	Fri 1/20/17	Lath & Plaster
787	Erect Scaffolding	2 days	Mon 10/31/16	Tue 11/1/16	Pro/West
788	Install Set Clips	7 days	Wed 11/2/16	Thu 11/10/16	Glazing
789	Install Window Flashing	10 days	Fri 11/11/16	Mon 11/22/16	Glazing
790	Install Waterproofing	5 days	Wed 11/16/16	Tue 11/22/16	Glazing
791	Install Window Framing/Glazing/Shade Systems	30 days	Wed 11/23/16	Mon 1/9/17	Glazing
792	Caulk and Seal	7 days	Tue 1/10/17	Wed 1/18/17	Lath & Plaster
793	Dismantle Scaffold	2 days	Thu 1/19/17	Fri 1/20/17	
794	Final	117 days	Wed 12/14/16	Tue 5/23/17	
795	Test and Commission	3 days	Wed 12/14/16	Fri 12/16/16	
796	Elevator Licensing	3 days	Wed 12/14/16	Fri 12/16/16	
797	Final Elevator Testing (State Elevator)	11 days	Wed 12/14/16	Fri 12/16/16	
798	Chlorination and Water Balance	4 days	Wed 12/14/16	Fri 12/16/16	
799	Flush Domestic Water	11 days	Fri 12/16/16	Mon 12/20/16	
800	Chlorinate Domestic Water	2 days	Mon 12/20/16	Fri 12/23/16	
801	Test & Approve Domestic Water System	4 days	Mon 12/20/16	Thu 12/22/16	
802	HVAC Equipment	15 days	Wed 3/1/17	Tue 3/21/17	
803	Air Test and Balance	5 days	Wed 3/1/17	Tue 3/14/17	
804	Water Balance	5 days	Wed 3/1/17	Tue 3/14/17	
805	Commission HVAC System	16 days	Fri 2/24/17	Tue 3/21/17	
806	Program FA Panels	3 days	Wed 3/1/17	Fri 3/10/17	Electrical
807	Test FA and SPD	7 days	Wed 3/1/17	Tue 3/21/17	Electrical
808	Commission Fire Alarm System	5 days	Wed 3/1/17	Tue 3/21/17	Electrical
809	Final Inspections	48 days	Wed 3/22/17	Tue 5/9/17	IOR
810	City/County Fire Department	5 days	Wed 3/22/17	Tue 3/28/17	IOR
811	Architect / EDA Signoff	10 days	Tue 5/9/17	Mon 5/22/17	EDA
812	Occupancy	5 days	Tue 5/23/17	Tue 5/30/17	EDA
813	Project Closeout	30 days	Wed 5/23/17	Tue 6/21/17	
814	Obtain Closed Documents from PTCs	25 days	Wed 5/23/17	Tue 6/21/17	
815	Submit Documents to Owner	5 days	Wed 4/25/17	Tue 5/23/17	

Request for Taxpayer Identification Number and Certification

Give Form to the
 requester. Do not
 send to the IRS.

Print or type
 See Specific instructions on page 2.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Smoke Guard California, Inc.	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____ <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
5 Address (number, street, and apt. or suite no.) 1915 Mark Court #100	Requester's name and address (optional)
6 City, state, and ZIP code Concord, CA 94520	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number											
<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> </table>											
or											
Employer identification number											
<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 10%; text-align: center;">2</td> <td style="width: 10%; text-align: center;">7</td> <td style="width: 10%; text-align: center;">-</td> <td style="width: 10%; text-align: center;">2</td> <td style="width: 10%; text-align: center;">7</td> <td style="width: 10%; text-align: center;">7</td> <td style="width: 10%; text-align: center;">6</td> <td style="width: 10%; text-align: center;">7</td> <td style="width: 10%; text-align: center;">3</td> <td style="width: 10%; text-align: center;">2</td> </tr> </table>	2	7	-	2	7	7	6	7	3	2	
2	7	-	2	7	7	6	7	3	2		

Part II Certification

- Under penalties of perjury, I certify that:
- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
 - I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
 - I am a U.S. citizen or other U.S. person (defined below); and
 - The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶	Date ▶ 3/18/16
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.
Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/ir9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1089-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.
- If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.*
- By signing the filled-out form, you:
- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
 - Certify that you are not subject to backup withholding, or
 - Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
 - Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



State Of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE



License Number

952416

Entity

CORP

Business Name

SMOKE GUARD CALIFORNIA INC

Classification

C61/D28 B C10

Expiration Date

09/30/2016

www.cslb.ca.gov



BUSINESS TAX CERTIFICATE

This certificate is issued for revenue purposes only and does not constitute a permit to operate a business. Renewal of this certificate is due no later than 60 days from the posted expiration date to avoid penalties. Failure to receive a renewal notice does not relieve the holder's responsibility to maintain a current certificate while conducting business in the City.



3900 Main Street
Riverside, CA 92522
(951) 826-5465
FAX (951) 826-2356

City of Arts & Innovation

BUSINESS NAME: SMOKE GUARD CALIFORNIA INC
BUSINESS LOCATION: 9865 PIONEER BLVD
SANTA FE SPRINGS, CA 90670-3217
BUSINESS OWNER: SMOKE GUARD CALIFORNIA, INC

SMOKE GUARD CALIFORNIA INC
1915 MARK CT 100
CONCORD, CA 94520-8545

Account No.: 0143727
Expiration Date: November 30, 2016
Business Type: CONTRACTOR

NAICS:

TO BE POSTED IN A CONSPICUOUS PLACE AT BUSINESS LOCATION

NOT TRANSFERABLE