

# **Inspection Report**

## **#2**

**01/31/2017**

**For**

**Fellowship Square  
16477 W. Bell Road  
Surprise, Arizona 85374**

**By**

**Nagaki Design Build Associates, Inc.**  
**4601 N. Black Canyon Highway, Phoenix, Arizona 85015**



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## Section I - Project

### 1. Project Description

This project is a three building project located on 14.601 acres in the Surprise, Arizona. The three building are as follows: Fellowship Square Surprise – Building A, Building B, and a Maintenance Building. NDBA has been hired by Christian Care to be the Contract Construction Inspection.

#### A. Phase 1 - Fellowship Square Surprise – Building B and Maintenance

Fellowship Square Surprise – Building B and Maintenance Building are the first phase of this project. Fellowship Square Surprise – Building B is on a rectangular shaped 2.331 acre site located at 16640 N. Sarival Avenue, Surprise, Arizona. The existing vacant site is zoned PAD which allows for the proposed design to be constructed. The Zoning and Design Review approvals have changed due to design changes and PAD approval expiration (see Project Approval for current status). The site is designed with 47 parking spaces of which 2 are accessible.

The Project is a two-story structure with multiple building zones. The building will house the following amenities:

1. Two Memory Care areas with 16 units
2. Assisted Living = 42 units
3. Dining Room and kitchen for each areas.
4. Physical Therapy
5. Offices

The building is identified as a Type IIA construction with the following major building components:

1. Exterior walls – Masonry
2. Concrete Footing/Foundation
3. Concrete first floor slab
4. Prefabricated concrete structural hollow core slab with 3" concrete topping – Second Floor
5. Wood Roof Truss roof with plywood sheathing (Fire-Treated Lumber)
6. Interior wall framing is metal studs with gypsums board each side.

The building is of a southwestern/Spanish motif with stucco exterior walls and mission-style roofing. The exterior is also embellished with tile and ornamental metal.

#### Fellowship Square Surprise – Maintenance Building

This is a one-story building that house the following uses:

1. Maintenance Offices
2. Woodworking
3. Central Plan

The building is identified as a Type IIIB construction with the following major building components:

1. Exterior walls – Masonry
2. Concrete Footing/Foundation

3. Concrete first floor slab
4. Wood Roof Truss roof with plywood sheathing
5. Interior wall framing is metal studs with gypsums board each side.

The building is of a southwestern/Spanish motif with stucco exterior walls and mission-style roofing. The exterior is also embellished with tile and ornamental metal.

## **B. Phase 2 - Fellowship Square Surprise – Building A**

Fellowship Square Surprise – Building A is on an irregular shaped 12.270 acre site located at 16477 West Bell Road, Surprise, Arizona. The existing vacant site is zoned PAD which allows for the proposed design to be constructed. The Zoning and Design Review approvals have changed due to design changes and PAD approval expiration (see Project Approval for current status). The site is designed with 320 parking spaces of which 12 are accessible.

The proposed structure is a three-story single building with multiple building zones.

The building will house the following amenities:

1. 1-bedroom units = 150 units
2. 2-bedroom units = 105 units
3. Diningroom
4. Lounge
5. Multipurpose
6. Rainbow Café
7. Wellness Center
8. Exercise Room
9. Misc. Amenities:
  - a. General Store
  - b. Kitchens
  - c. Storage
  - d. Library
  - e. Doctor's office
  - f. Exam Room
  - g. Counseling
  - h. Chaplan
  - i. Etc.

The building is identified as a Type IIIB construction with the following major building components:

1. Exterior walls – Masonry
2. Concrete Footing/Foundation
3. Concrete first floor slab
4. Wood Roof Truss roof with plywood sheathing
5. Interior wall framing is metal studs with gypsums board each side.

Not unlike the rest of the project, the building is of a southwestern/Spanish motif with stucco exterior walls and mission-style roofing. The exterior is also embellished with tile and ornamental metal.



## 2. Construction

### A. Site Work

#### 1. Staging

The project is in the beginning stages of construction. The General Contractor (MTV Construction) has staged the site properly with the following items:

- a. Fencing around the project site and staging area.
- b. Office buildings
- c. Water Tower
- d. Parking area with Ground Asphalt surface and drive
- e. Several Subcontractors have staged storage units for materials on the site.

#### 2. Staking

The inspector observed surveyor's stakes throughout the project and appear to be properly set.

#### 3. Grading

The grading of the site continues and appears the rough grading is nearly complete. The remaining area to be complete is along the western portion of the site. Hauling off excessive soil continues.

#### 4. Issues

Currently the only issue is the rain. The excess amount rain has made grading problematic and has delayed the schedule.

#### 5. Site walls

Construction on has begun and is approximately 65% Complete. Inspector observed footing rebar being placed and installing of masonry block.



### B. Building Construction

As was previous described the project is comprised of three buildings. Activity on the buildings has commenced. To simplify this report, inspector will report on progress per building.

## **1. Central Plant and Maintenance**

### **a. Foundation and Slab**

- The building pad has been complete and certified
- The perimeter spread footing and stem wall are complete.
- Slab prep has not begun.

### **b. Utilities**

- Under-slab utilities are being placed. Inspector observed underground sewer piping and electrical conduits.
- Inspector verified that the piping material is compliant with the architectural specification.

## **2. Building A**

### **a. Foundation and Slab**

- The building pad is partially complete on the southern and western portion of the building.
- The grading of the building pad is continuing.
- Trenching for perimeter spread footings has begun along southern portion of the building.

### **b. Utilities**

- Trenching for under-slab utilities has begun.
- Some of the under-slab electrical conduits were placed.
- Inspector verified that the conduits comply with the specifications

## **3. Building B**

### **a. Foundation Slab**

- The building pad continues to be completed.
- There was no work on the footings or foundation

### **b. Utilities**

- No work on the under-slab utilities has begun.

### **3. Quality Control**

#### **A. Soil Proctoring**

The site is currently being massed graded but inspector has not received any test results for soil proctoring.

#### **B. Issues and comments**

There are no issues at this time.

## **Section II - Payment Application**

### **1. Payment Application #4**

The contractor application indicates that currently they have completed \$1,078,728.00 of work completed and stored materials. With the required retention of \$107,872.80 being withheld, the contractor's requisition is requesting \$970,855.20. After the inspection and reviewing supporting documents, the inspector has approved this draw as indicated by signature at the bottom of the document.

### **2. Change Orders**

There has been a change order presented for the delays caused by the rain. The project site has experienced rain in excess of normal. The change order is requesting 22 working days and 29 calendar days.

### **3. Waivers**

Conditional and Unconditional lien release waivers are attached.

## **Section III – Action Items**

### **1. RFI's**

There are currently 64 RFIs' presented by the contractors. Appears that all critical information is being provided by the architect, in a timely manner so as not to hinder the progress of the project.

## **2. ASIs'**

The Architect has issued 11 ASI's ranging from detailing seismic connections, adding of an elevator, to unit cabinet design. Additional sketches have been provided by the structural, electrical, and mechanical engineering.

## **3. Issues**

The only issue at this time is the delay in construction due to excess rain. The contractor is to evaluate extent of delay.

# **Section IV - Construction Progress**

## **1. Schedule**

The general contractor has provided a construction schedule for the project. The schedule has approximately 800 task items and the project is projected to take 371 days. The original schedule indicates that project began on November 14, 2016 and expected to be completed on April 30, 2018. As was previously indicated, there appears to be as delay in the construction due to excess amount of rain and an appropriate change order has been tendered by the contractor. This revised schedule does take into consideration this rain delay. The schedule is attached at the end of this report.

## **2. Submittals**

The contractor provided the submittal log. The architect and their consultants have been processing the submittals in a timely manner such that the project is not delayed. The submittal log is attached.

## **3. Schedule Changes**

### **A. Delays**

The project has experienced inordinate amount of rain and has caused a delay because the site is to muddy to do construction.

### **B. Change Orders**

The first change order has been presented by the contractor for the delays in schedule and subsequent costs caused by the excessive rain.

## **Section V - Attachments**

- 1. Photographs**
- 2. Architect Meeting Minutes**
- 3. Contractor Construction Draw Request**
- 4. Schedule**
- 5. Change Orders**
- 6. Two-week Look-A- Head Schedule**
- 7. ASI Log**
- 8. RFI log**
- 9. Test Results**

## Fellowship Square – Project Photos

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Figure 1 - View of Parking and Staging Area



Figure 2 - View of West Portion of Project



## Fellowship Square – Project Photos

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Figure 3 - View of East Portion of the Project



Figure 4 - View of Parking Area



## Fellowship Square – Project Photos

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Figure 5 - View of Project from NWC



Figure 6 - View of Project from Sam's drive



## Fellowship Square – Project Photos

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Figure 7 - View of Project – SWC



Figure 8 - Building B from West



## Fellowship Square – Project Photos

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Figure 9 - View of Building A from the SWC



Figure 10 - View of Building A from the West



## Fellowship Square – Project Photos

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Figure 11 - View of Project from NEC



Figure 12 – Footing Trenches – Building A



Figure 13 – Footing Trenches – Building A



## Fellowship Square – Project Photos



Figure 14 – Footing, Stem wall, under-slab utilities



Figure 15 – Footing, Stem wall, under-slab utilities



Figure 16 - Sewer Piping - Central Plant



Figure 17 – Utility Trenching – Building A



## Fellowship Square – Project Photos

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Figure 18 - Electrical Conduits - Building A



Figure 19 – Screen Wall Stepped Footing



Figure 20 – Screen wall Footing



Figure 21 – Screen Wall Masonry Work



## Fellowship Square – Project Photos

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Figure 22 - Screen Wall Masonry Work



Figure 23 – Waterline Connection in Saroval Avenue



Figure 24 - Waterline Connection in Saroval Avenue



# PHOENIX:

4343 E. AVALON DRIVE  
PHOENIX, ARIZONA 85018  
PHONE: 602-957-4343

# FLAGSTAFF:

1254 W. UNIVERSITY AVE, #100  
FLAGSTAFF, ARIZONA 86001  
PHONE: 928-779-4340

Fellowship Square Surprise - Site Meeting Minutes will serve as agenda for following meeting

## Attendees:

#1 1-17-17 Stephanie, Joseph, John, Robert, Michael, Travis, Brad

## Contact Info:

Architect	Owner	Contractor	Inspector	Others
Stephanie Rowe <a href="mailto:Steph@rararchitects.com">Steph@rararchitects.com</a> Joseph Herbst <a href="mailto:joseph@rararchitects.com">joseph@rararchitects.com</a>	John Norris <a href="mailto:John.norris@christiancare.org">John.norris@christiancare.org</a>	Robert Beck <a href="mailto:robertb@mtvgc.com">robertb@mtvgc.com</a> Michael Elmer <a href="mailto:Melmer@mtvgc.com">Melmer@mtvgc.com</a> Travis Elmer <a href="mailto:Telmer@mtvgc.com">Telmer@mtvgc.com</a> Brad Klingaman <a href="mailto:BradK@mtvgc.com">BradK@mtvgc.com</a>	Larry Nagaki <a href="mailto:lnagaki@nagakidesign.com">lnagaki@nagakidesign.com</a>	

## RFI log review

1-17-17 have discussed but still need paper trail for

- 24 - misc. mechanical TO MECH
- 33 - piping TO PLUMBING w/ OUR ANSWER
- 51 - plumbing at masonry corridor walls ✓
- 52 - HM door and frame colors - exterior Bldg B and A ✓
- 58 - unit D tub/shower clarification ✓

64. Need to clarify.

## Submittal log review

1-17-17

- Elevator - need colors ✓
- Generators - will be GENTECH so Bldg B is good, Bldg A will be resubmitted
- Keying plans
- Colors - lockers, RR partitions, corner guards, handrails
- Plumbing from Dancos - braided plastic supplies - AZPE to re-review - TO PLUMBING. *Revised.*

## WINDOWS.

o Nailing fin = NO?

(Arrows explain) REPAIR.

o HANDLEDNESS FOR PATIO SLIDERS.

? SILL PAN FLASHING.

o 2 Additional Temporal "CR" WINDOWS

## ASK log review

1-17-17 elevator addition in process, revision to SLD lights in process,  
\* See 7.

## Schedule

1-17-17 Four week look ahead presented. Current issue - rain delay 22 working days = 29 calendar days

## Paperwork

Payapp -

CO - 1-17-17 #1 29 calendar day delay due to rain



ADHS and County Health Submittals

1-17-17 Ready to move forward, Building B all units Directed care, Building A 10 units (1 bed eastmost of south wing 1<sup>st</sup> floor) Supervisory care. - TO AIMEE

Items

- ✓ 1. Contractor requests owner to provide a marketing sign on-site with phone number so Michael won't get all the calls. Note marketing trailer will be on the adjacent lot April 1<sup>st</sup>.
2. Low voltage.  
1-17-17 Proposal and drawings from ECD sys in process. ?does this include or replace the pull-boxes in the ceilings to limit runs to 300'? REPLACE FOR 1-24-17 MEETING w/ DONNIE  
1-7-17 ECD asked to quote the fire alarm system separately, per previous bid it is already included with the electrical subcontract. *AC handling*
3. Locks and keying  
1-17-17 Pricing in process for upgrade to fob locks.  
*Waiting for fob pricing.*
4. Koi Pond  
Creative says it is not now considered a pool and doesn't need pool permit.  
Also arch drawings say 6' high at the glass fence, Creative has at 4'. Robert to clarify which bid this is in and provide 6'. *5' Glass*
5. Carports:  
Revise to add 10, 10, 10 around building A and delete 8 at building B. - *ASI to come.*
6. Unit Shelving:  
Revise to wire shelf instead of osb. No cost change. Sample approved by owner. OK to raise "short" run at L shaped closets.

*MRL ELEV.*  
7. *21"W 30"H x 7"D + 4" HANDLE DISCONNECT FOR ELEV.*  
*AT 2ND FLOOR .....*  
*HAVING TO ADD MECH - & shaft*  
*Adds another light in the shaft.*  
*& &*  
*Go to standard ELEV.*  
*TV MOUNTING DTL B RAR.*



APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE 1 OF 9 PAGES

TO : Christian Care Surprise, Inc.  
2002 W. Sunnyside Drive  
Phoenix, AZ 85029

PROJECT: Fellowship Square Surprise  
16477 W. Bell Road  
Phoenix, AZ 85374

FROM CONTRACTOR:  
MTV General Contractors, Inc.  
2840 North Norwalk Street  
Mesa, AZ 85215

VIA ARCHITECT:  
Reece, Angell, Rowe Architect  
4343 East Avalon Drive  
Phoenix, AZ 85018

APPLICATION NO: 4  
APPLICATION DATE: 01/31/2017  
PERIOD TO: 1/01/2017 - 1/31/2017  
PROJECT NOS: 2518  
Contract Date: 12/19/2016

Distribution to:

<input checked="" type="checkbox"/>	OWNER
<input checked="" type="checkbox"/>	ARCHITECT
<input checked="" type="checkbox"/>	CONTRACTOR
<input type="checkbox"/>	
<input type="checkbox"/>	

CONTRACT FOR

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$ 46,930,000.00
2. Net change by Change Orders	\$ 0.00
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$ 46,930,000.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$ 2,579,406.00
5. RETAINAGE:	
10 % of Completed Work (Column D + E on G703)	126,561.40
b. 10 % of Stored Material (Column F on G703)	33,098
Total Retainage (Lines 5a + 5b or Total in Column I of G703)	\$ 159,659.40
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$ 2,419,746.60
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$ 1,448,891.40
8. CURRENT PAYMENT DUE	\$ 970,855.20
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$ 44,510,253.40

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS		
NET CHANGES by Change Order		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: MTV GENERAL CONTRACTORS, INC.

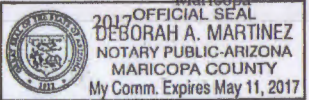
By: *[Signature]* Date: 1/31/2017

State of: Arizona County of: Maricopa

Subscribed and sworn to before me this January 31

Notary Public: *[Signature]*

My Commission expires: May 11, 2017



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED .....\$ 970,855.20

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT: *[Signature]*

By: *[Signature]* Date: 1.31.17.

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Users may obtain validation of this document by requesting a completed AIA Document D401 - Certification of Document's Authenticity from the Licensee.

OWNER: CHRISTIAN CARE SURPRISE, Inc.

By: *[Signature]* Date: 1/31/17

INSPECTOR: NDRA

By: *[Signature]* Date: 1/31/2017



CONTINUATION SHEET

AIA DOCUMENT G703

70450

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing  
Contractor's signed certification is attached.

Fellowship Square- Surprise

Project 2518

APPLICATION NO: 4

APPLICATION DATE: 1/30/2017

PERIOD TO: 1/01/2017 - 1/31/2017

ARCHITECT'S PROJECT NO:

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	C1 CHANGE ORDER USE	C2 REVISED SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE) 10%
					FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G + C)		
1	GENERAL CONDITIONS	\$1,506,665.00	\$0.00	\$1,506,665.00	\$438,254.00	\$71,330.00	\$0.00	\$509,584.00	33.8%	\$997,081.00	\$7,133.00
2	SALES TAXES	1,889,707.00	\$0.00	\$1,889,707.00	\$60,643.00	\$43,729.00	\$0.00	\$104,372.00	5.5%	\$1,785,335.00	\$10,437.20
3	P & P BOND	302,088.00	\$0.00	\$302,088.00	\$302,088.00	\$0.00	\$0.00	\$302,088.00	100.0%	\$0.00	\$0.00
4	INSURANCE - LIABILITY	242,470.00	\$0.00	\$242,470.00	\$242,470.00	\$0.00	\$0.00	\$242,470.00	100.0%	\$0.00	\$0.00
5	CONSTRUCTION FEES	871,073.00	\$0.00	\$871,073.00	\$28,423.00	\$20,294.00	\$0.00	\$48,717.00	5.6%	\$822,356.00	\$4,871.70
6	SURVEYING	67,805.00	\$0.00	\$67,805.00	\$2,880.00	\$4,032.00	\$0.00	\$6,912.00	10.2%	\$60,893.00	\$691.20
7	SITEWORK	353,586.00	\$0.00	\$353,586.00	\$130,996.00	\$205,879.00	\$0.00	\$336,875.00	95.3%	\$16,711.00	\$33,687.50
8	FINE GRADING & BACKFILL	84,527.00	\$0.00	\$84,527.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$84,527.00	\$0.00
9	ASPHALT PAVING	375,000.00	\$0.00	\$375,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$375,000.00	\$0.00
10	OFFSITE DEMO/GRADING/PAVING PATCH	11,062.00	\$0.00	\$11,062.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$11,062.00	\$0.00
11	SWPP - SUBCONTRACTOR	11,168.00	\$0.00	\$11,168.00	\$0.00	\$2,228.00	\$0.00	\$2,228.00	19.9%	\$8,940.00	\$222.80
12	SWPP - MTV	7,760.00	\$0.00	\$7,760.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$7,760.00	\$0.00
13	SWPP WASHOUT	3,500.00	\$0.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$3,500.00	\$0.00
14	CONSTRUCTION WATER & TRUCK	65,400.00	\$0.00	\$65,400.00	\$3,376.00	\$4,430.00	\$0.00	\$7,806.00	11.9%	\$57,594.00	\$780.60
15	WATER TRUCK OPERATOR	37,799.00	\$0.00	\$37,799.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$37,799.00	\$0.00
16	DUST PERMIT	9,201.00	\$0.00	\$9,201.00	\$0.00	\$9,201.00	\$0.00	\$9,201.00	100.0%	\$0.00	\$920.10
17	WATER TOWER RENTAL	1,550.00	\$0.00	\$1,550.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,550.00	\$0.00
18	TEMPORARY ASPHALT PAVING	15,000.00	\$0.00	\$15,000.00	\$0.00	\$15,000.00	\$0.00	\$15,000.00	100.0%	\$0.00	\$1,500.00
19	TERMITE PRETREAT	8,163.00	\$0.00	\$8,163.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$8,163.00	\$0.00
20	STRIPING	7,500.00	\$0.00	\$7,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$7,500.00	\$0.00
21	TEMPORARY FIRE LANE SIGNS	6,235.00	\$0.00	\$6,235.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$6,235.00	\$0.00
22	SEAL COAT & RE-STRIPING	12,712.00	\$0.00	\$12,712.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$12,712.00	\$0.00
23	SITE UTILITIES	507,120.00	\$0.00	\$507,120.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$507,120.00	\$0.00
24	SITE UTILITY SPOIL REMOVAL	23,052.00	\$0.00	\$23,052.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$23,052.00	\$0.00
25	GROUTED RIP RAP	21,120.00	\$0.00	\$21,120.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$21,120.00	\$0.00
26	DRYWELLS	142,050.00	\$0.00	\$142,050.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$142,050.00	\$0.00
27	DRYWELL SPOIL REMOVAL	5,500.00	\$0.00	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$5,500.00	\$0.00
28	LANDSCAPING	495,917.00	\$0.00	\$495,917.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$495,917.00	\$0.00
29	LANDSCAPE LIGHTING	85,330.00	\$0.00	\$85,330.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$85,330.00	\$0.00
30	GRASS-CRETE PAVERS	\$32,925.00	\$0.00	\$32,925.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$32,925.00	\$0.00
31	FENCING	\$165,593.00	\$0.00	\$165,593.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$165,593.00	\$0.00
32	BOCCE BALL COURTS	\$19,570.00	\$0.00	\$19,570.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$19,570.00	\$0.00
33	PICKLE BALL COURTS	\$40,850.00	\$0.00	\$40,850.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$40,850.00	\$0.00
34	PUTTING GREEN	20,606.00	\$0.00	\$20,606.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$20,606.00	\$0.00



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Fellowship Square- Surprise

Project 2518

APPLICATION NO: 4  
APPLICATION DATE: 1/30/2017

PERIOD TO: 1/01/2017 - 1/31/2017

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					FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G + C)		
35	GAS FIRE PITS & INSTALLATION	\$4,800.00	\$0.00	\$4,800.00	\$3,376.00	\$0.00	\$0.00	\$3,376.00	70.3%	\$1,424.00	\$337.60
36	BIKE RACKS	\$1,485.00	\$0.00	\$1,485.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,485.00	\$0.00
37	CONCRETE REBAR	\$123,743.00	\$0.00	\$123,743.00	\$0.00	\$20,000.00	\$103,743.00	\$123,743.00	100.0%	\$0.00	\$12,374.30
38	MASONRY REBAR - INTEGRATED	\$181,478.00	\$0.00	\$181,478.00	\$0.00	\$0.00	\$181,478.00	\$181,478.00	100.0%	\$0.00	\$18,147.80
39	MASONRY REBAR - M.A.G.	\$33,559.00	\$0.00	\$33,559.00	\$0.00	\$15,000.00	\$18,559.00	\$33,559.00	100.0%	\$0.00	\$3,355.90
40	CONCRETE - BLDG A	\$875,120.00	\$0.00	\$875,120.00	\$0.00	\$35,000.00	\$0.00	\$35,000.00	4.0%	\$840,120.00	\$3,500.00
41	CONCRETE PLANK TOPPING - BLDG A	\$469,245.00	\$0.00	\$469,245.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$469,245.00	\$0.00
42	CONCRETE - BLDG B	\$228,811.00	\$0.00	\$228,811.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$228,811.00	\$0.00
43	CONCRETE PLANK TOPPING - BLDG B	\$70,655.00	\$0.00	\$70,655.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$70,655.00	\$0.00
44	CONCRETE - POOL	\$16,535.00	\$0.00	\$16,535.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$16,535.00	\$0.00
45	CONCRETE - CENTRAL PLANT	\$63,435.00	\$0.00	\$63,435.00	\$0.00	\$26,575.00	\$0.00	\$26,575.00	41.9%	\$36,860.00	\$2,657.50
46	SITE CONCRETE	\$594,882.00	\$0.00	\$594,882.00	\$0.00	\$75,511.00	\$0.00	\$75,511.00	12.7%	\$519,371.00	\$7,551.10
47	CONCRETE SPOIL REMOVAL	\$29,800.00	\$0.00	\$29,800.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$29,800.00	\$0.00
48	CONCRETE EMBEDS	\$8,755.00	\$0.00	\$8,755.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$8,755.00	\$0.00
49	SIDEWALK SCUPPER STEEL	\$1,562.00	\$0.00	\$1,562.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,562.00	\$0.00
50	CONCRETE BARRICADES	\$2,500.00	\$0.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$2,500.00	\$0.00
51	BOCCE & PICKLE BALL CONCRETE	\$15,702.00	\$0.00	\$15,702.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$15,702.00	\$0.00
52	PRECAST PLANKS BLDG A	\$1,742,094.00	\$0.00	\$1,742,094.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,742,094.00	\$0.00
53	PRECAST PLANKS BLDG B	\$224,906.00	\$0.00	\$224,906.00	\$21,915.00	\$60,400.00	\$0.00	\$82,315.00	36.6%	\$142,591.00	\$8,231.50
54	MASONRY - BLDG A (integrated)	\$2,382,753.00	\$0.00	\$2,382,753.00	\$0.00	\$0.00	\$27,200.00	\$27,200.00	1.1%	\$2,355,553.00	\$2,720.00
55	MASONRY - POOL BLDG (integrated)	\$28,171.00	\$0.00	\$28,171.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$28,171.00	\$0.00
56	MASONRY - CENTRAL PLANT (integrated)	\$86,069.00	\$0.00	\$86,069.00	\$0.00	\$7,800.00	\$0.00	\$7,800.00	9.1%	\$78,269.00	\$780.00
57	MASONRY - BLDG B (mag)	\$354,900.00	\$0.00	\$354,900.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$354,900.00	\$0.00
58	PERIMETER SITE WALLS (mag)	\$189,039.00	\$0.00	\$189,039.00	\$0.00	\$74,760.00	\$0.00	\$74,760.00	39.5%	\$114,279.00	\$7,476.00
59	MASONRY ARCH FORMING	\$6,697.00	\$0.00	\$6,697.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$6,697.00	\$0.00
60	STRUCT/MISC STEEL - BLDG A	\$559,774.00	\$0.00	\$559,774.00	\$10,500.00	\$8,850.00	\$0.00	\$19,350.00	3.5%	\$540,424.00	\$1,935.00
61	STRUCT/MISC STEEL - BLDG B	\$133,350.00	\$0.00	\$133,350.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$133,350.00	\$0.00
62	ROUGH CARPENTRY - BLDG A	\$950,165.00	\$0.00	\$950,165.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$950,165.00	\$0.00
63	ROUGH CARPENTRY - BLDG B	\$413,890.00	\$0.00	\$413,890.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$413,890.00	\$0.00
64	ROUGH CARPENTRY - POOL BLDG	\$11,950.00	\$0.00	\$11,950.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$11,950.00	\$0.00
65	ROUGH CARPENTRY - CENTRAL PLANT	\$58,700.00	\$0.00	\$58,700.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$58,700.00	\$0.00
66	ANCHOR BOLTS & EMBEDS	\$21,790.00	\$0.00	\$21,790.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$21,790.00	\$0.00
67	MILLWORK - BLDG A	\$242,524.00	\$0.00	\$242,524.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$242,524.00	\$0.00
68	MILLWORK - BLDG B	\$67,985.00	\$0.00	\$67,985.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$67,985.00	\$0.00



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					FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G + C)		
69	UNIT CABINETS - BLDG A	\$1,075,135.00	\$0.00	\$1,075,135.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,075,135.00	\$0.00
70	UNIT CABINETS - BLDG B	\$121,591.00	\$0.00	\$121,591.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$121,591.00	\$0.00
71	UNIT COUNTER TOPS - BLDG A	\$439,230.00	\$0.00	\$439,230.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$439,230.00	\$0.00
72	UNIT COUNTER TOPS - BLDG B	\$34,771.00	\$0.00	\$34,771.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$34,771.00	\$0.00
73	INSULATION - BLDG A	\$384,358.00	\$0.00	\$384,358.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$384,358.00	\$0.00
74	INSULATION - BLDG B	\$83,530.00	\$0.00	\$83,530.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$83,530.00	\$0.00
75	ROOFING - BLDG A	\$489,217.00	\$0.00	\$489,217.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$489,217.00	\$0.00
76	ROOFING - BLDG B	\$135,230.00	\$0.00	\$135,230.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$135,230.00	\$0.00
77	ROOFING - POOL BLDG	\$5,586.00	\$0.00	\$5,586.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$5,586.00	\$0.00
78	ROOFING - CENTRAL PLANT	\$20,577.00	\$0.00	\$20,577.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$20,577.00	\$0.00
79	ROOF VENT CUTTING	\$6,510.00	\$0.00	\$6,510.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$6,510.00	\$0.00
80	FLASHING AND SHEET METAL	\$43,373.00	\$0.00	\$43,373.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$43,373.00	\$0.00
81	SPLASH BLOCKS	\$900.00	\$0.00	\$900.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$900.00	\$0.00
82	FIRE STOPPING - BLDG A	\$98,803.00	\$0.00	\$98,803.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$98,803.00	\$0.00
83	FIRE STOPPING - BLDG B	\$11,110.00	\$0.00	\$11,110.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$11,110.00	\$0.00
84	CAULKING / WATERPROOFING - BLDG A	\$55,670.00	\$0.00	\$55,670.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$55,670.00	\$0.00
85	CAULKING / WATERPROOFING - BLDG B	\$17,114.00	\$0.00	\$17,114.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$17,114.00	\$0.00
86	CAULKING / WATERPROOFING - SITE	\$37,435.00	\$0.00	\$37,435.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$37,435.00	\$0.00
87	BALCONY TOPPING - BLDG A	\$70,388.00	\$0.00	\$70,388.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$70,388.00	\$0.00
88	BALCONY TOPPING - BLDG B	\$4,153.00	\$0.00	\$4,153.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$4,153.00	\$0.00
89	DOORS/HARDWARE - BLDG A COMMON AREAS	\$544,040.00	\$0.00	\$544,040.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$544,040.00	\$0.00
90	DOORS/HARDWARE - BLDG B COMMON AREAS	\$76,765.00	\$0.00	\$76,765.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$76,765.00	\$0.00
91	DOORS/HARDWARE - CNTRL. PLANT/POOL	\$14,195.00	\$0.00	\$14,195.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$14,195.00	\$0.00
92	DOOR LABOR - BLDG A	\$164,325.00	\$0.00	\$164,325.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$164,325.00	\$0.00
93	DOOR LABOR - BLDG B	\$13,940.00	\$0.00	\$13,940.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$13,940.00	\$0.00
94	DOOR LABOR - CNTRL. PLANT/POOL	\$2,735.00	\$0.00	\$2,735.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$2,735.00	\$0.00
95	DOOR FRAME INSTALL & LIFT RENTAL	\$14,546.00	\$0.00	\$14,546.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$14,546.00	\$0.00
96	UNIT DOORS & HARDWARE	\$430,444.00	\$0.00	\$430,444.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$430,444.00	\$0.00
97	UNIT DOORS & HARDWARE LABOR	\$103,215.00	\$0.00	\$103,215.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$103,215.00	\$0.00
98	UNIT TRIM	\$152,285.00	\$0.00	\$152,285.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$152,285.00	\$0.00
99	COILING COUNTER DOOR	\$22,482.00	\$0.00	\$22,482.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$22,482.00	\$0.00
100	ACCESS PANEL AND INSTALLATION	\$3,705.00	\$0.00	\$3,705.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$3,705.00	\$0.00
101	TRAFFIC DOORS	\$13,320.00	\$0.00	\$13,320.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$13,320.00	\$0.00
102	WINDOWS - BLDG A	\$409,061.00	\$0.00	\$409,061.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$409,061.00	\$0.00



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					FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G + C)		
103	WINDOW INSTALLATION - BLDG A	\$115,555.00	\$0.00	\$115,555.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$115,555.00	\$0.00
104	WINDOWS - BLDG B	\$26,931.00	\$0.00	\$26,931.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$26,931.00	\$0.00
105	WINDOW INSTALLATION - BLDG B	\$11,565.00	\$0.00	\$11,565.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$11,565.00	\$0.00
106	SKYLIGHTS	\$15,035.00	\$0.00	\$15,035.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$15,035.00	\$0.00
107	KNOX BOXES	\$2,550.00	\$0.00	\$2,550.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$2,550.00	\$0.00
108	GLASS/GLAZING/AUTO ENTRANCES - BLDG A	\$154,775.00	\$0.00	\$154,775.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$154,775.00	\$0.00
109	GLASS/GLAZING/AUTO ENTRANCES - BLDG B	\$95,000.00	\$0.00	\$95,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$95,000.00	\$0.00
110	STUCCO - BLDG A	\$677,890.00	\$0.00	\$677,890.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$677,890.00	\$0.00
111	STUCCO - BLDG B	\$116,132.00	\$0.00	\$116,132.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$116,132.00	\$0.00
112	DRYWALL BLDG A - EXTERIOR FRAME/GYP	138,001.00	\$0.00	\$138,001.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$138,001.00	\$0.00
113	DRYWALL BLDG A - 1ST FLOOR FRAMING	658,099.00	\$0.00	\$658,099.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$658,099.00	\$0.00
114	DRYWALL BLDG A - 2ND FLOOR FRAMING	555,871.00	\$0.00	\$555,871.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$555,871.00	\$0.00
115	DRYWALL BLDG A - 3RD FLOOR FRAMING	457,532.00	\$0.00	\$457,532.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$457,532.00	\$0.00
116	DRYWALL BLDG A - 1ST HANGING	489,627.00	\$0.00	\$489,627.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$489,627.00	\$0.00
117	DRYWALL BLDG A - 2ND HANGING	513,560.00	\$0.00	\$513,560.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$513,560.00	\$0.00
118	DRYWALL BLDG A - 3RD HANGING	524,379.00	\$0.00	\$524,379.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$524,379.00	\$0.00
119	DRYWALL BLDG A - 1ST FLR TAPE/TEXTURE	333,735.00	\$0.00	\$333,735.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$333,735.00	\$0.00
120	DRYWALL BLDG A - 2ND FLR TAPE/TEXTURE	336,161.00	\$0.00	\$336,161.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$336,161.00	\$0.00
121	DRYWALL BLDG A - 3RD FLR TAPE/TEXTURE	301,275.00	\$0.00	\$301,275.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$301,275.00	\$0.00
122	DRYWALL BLDG B - EXTERIOR FRAME/GYP	34,438.00	\$0.00	\$34,438.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$34,438.00	\$0.00
123	DRYWALL BLDG B - 1ST FLOOR	376,182.00	\$0.00	\$376,182.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$376,182.00	\$0.00
124	DRYWALL BLDG B - 2ND FLOOR	307,148.00	\$0.00	\$307,148.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$307,148.00	\$0.00
125	DRYWALL POOL BLDG.	8,156.00	\$0.00	\$8,156.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$8,156.00	\$0.00
126	DRYWALL CENTRAL PLANT	15,762.00	\$0.00	\$15,762.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$15,762.00	\$0.00
127	DRYWALL SCAFFOLDING	41,910.00	\$0.00	\$41,910.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$41,910.00	\$0.00
128	DRYWALL SOFFIT VENTS	3,500.00	\$0.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$3,500.00	\$0.00
129	CERAMIC TILE - BLDG A	70,362.00	\$0.00	\$70,362.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$70,362.00	\$0.00
130	CERAMIC TILE - BLDG B	52,115.00	\$0.00	\$52,115.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$52,115.00	\$0.00
131	CERAMIC TILE - POOL BLDG	10,038.00	\$0.00	\$10,038.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$10,038.00	\$0.00
132	CERAMIC TILE - CENTRAL PLANT	6,834.00	\$0.00	\$6,834.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$6,834.00	\$0.00
133	ACOUSTICAL CEILINGS - BLDG A	128,960.00	\$0.00	\$128,960.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$128,960.00	\$0.00
134	ACOUSTICAL CEILINGS - BLDG B	41,681.00	\$0.00	\$41,681.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$41,681.00	\$0.00
135	FLOORING COMMON AREAS - BLDG A	247,273.00	\$0.00	\$247,273.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$247,273.00	\$0.00
136	FLOORING COMMON AREAS - BLDG B	85,114.00	\$0.00	\$85,114.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$85,114.00	\$0.00



# CONTINUATION SHEET

AIA DOCUMENT G703

70450

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing  
Contractor's signed certification is attached.

Fellowship Square- Surprise

Project 2518

APPLICATION NO: 4  
APPLICATION DATE: 1/30/2017

PERIOD TO: 1/01/2017 - 1/31/2017

ARCHITECT'S PROJECT NO:

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	C1 CHANGE ORDER USE	C2 REVISED SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE) 10%
					FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G + C)		
137	CONCRETE SEALER - BLDG A	30,323.00	\$0.00	\$30,323.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$30,323.00	\$0.00
138	CONCRETE SEALER - BLDG B	3,950.00	\$0.00	\$3,950.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$3,950.00	\$0.00
139	UNIT FLOORING - BLDG A	645,040.00	\$0.00	\$645,040.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$645,040.00	\$0.00
140	UNIT FLOORING - BLDG B	99,990.00	\$0.00	\$99,990.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$99,990.00	\$0.00
141	PAINTING - BLDG A	614,464.00	\$0.00	\$614,464.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$614,464.00	\$0.00
142	PAINTING - BLDG B	96,940.00	\$0.00	\$96,940.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$96,940.00	\$0.00
143	PAINTING - SITE	62,550.00	\$0.00	\$62,550.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$62,550.00	\$0.00
144	F.R.P. PANELS - BLDG A	19,436.00	\$0.00	\$19,436.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$19,436.00	\$0.00
145	F.R.P. PANELS - BLDG B	6,990.00	\$0.00	\$6,990.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$6,990.00	\$0.00
146	WALL HANDRAILS - BLDG A	153,257.00	\$0.00	\$153,257.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$153,257.00	\$0.00
147	WALL HANDRAILS - BLDG B	27,038.00	\$0.00	\$27,038.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$27,038.00	\$0.00
148	CODE SIGNAGE ALLOWANCE	4,450.00	\$0.00	\$4,450.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$4,450.00	\$0.00
149	MONUMENT SIGNAGE & BLDG NUMBERS	9,935.00	\$0.00	\$9,935.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$9,935.00	\$0.00
150	LOCKERS	5,290.00	\$0.00	\$5,290.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$5,290.00	\$0.00
151	FIRE EXTINGUISHERS AND CABINETS - BLDG A	16,935.00	\$0.00	\$16,935.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$16,935.00	\$0.00
152	FIRE EXTINGUISHERS AND CABINETS - BLDG B	3,085.00	\$0.00	\$3,085.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$3,085.00	\$0.00
153	MAILBOX - BLDG A	19,410.00	\$0.00	\$19,410.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$19,410.00	\$0.00
154	MAILBOX - BLDG B	3,620.00	\$0.00	\$3,620.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$3,620.00	\$0.00
155	FIREPLACE	8,802.00	\$0.00	\$8,802.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$8,802.00	\$0.00
156	FIRE PLACE MANTEL/HEARTH	1,172.00	\$0.00	\$1,172.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,172.00	\$0.00
157	OPERABLE PARTITIONS	46,368.00	\$0.00	\$46,368.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$46,368.00	\$0.00
158	FLAGPOLE	4,191.00	\$0.00	\$4,191.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$4,191.00	\$0.00
159	TOILET PART. AND ACCESSORIES - BLDG A	116,992.00	\$0.00	\$116,992.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$116,992.00	\$0.00
160	TOILET PART. AND ACCESSORIES - BLDG B	22,286.00	\$0.00	\$22,286.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$22,286.00	\$0.00
161	FINAL CLEANING	107,107.00	\$0.00	\$107,107.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$107,107.00	\$0.00
162	DOCK BUMPERS	1,050.00	\$0.00	\$1,050.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,050.00	\$0.00
163	FOOD SERVICE EQUIPMENT - BLDG A	428,073.00	\$0.00	\$428,073.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$428,073.00	\$0.00
164	FOOD SERVICE EQUIPMENT - BLDG B	182,632.00	\$0.00	\$182,632.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$182,632.00	\$0.00
165	RESIDENTIAL APPLIANCES - BLDG A	845,285.00	\$0.00	\$845,285.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$845,285.00	\$0.00
166	RESIDENTIAL APPLIANCES - BLDG B	51,871.00	\$0.00	\$51,871.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$51,871.00	\$0.00
167	GAZEBO'S	75,210.00	\$0.00	\$75,210.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$75,210.00	\$0.00
168	WINDOW BLINDS - BLDG A	49,183.00	\$0.00	\$49,183.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$49,183.00	\$0.00
169	WINDOW BLINDS - BLDG B	6,670.00	\$0.00	\$6,670.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$6,670.00	\$0.00



CONTINUATION SHEET

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Fellowship Square- Surprise Project 2518

APPLICATION NO: 4  
APPLICATION DATE: 1/30/2017  
PERIOD TO: 1/01/2017 - 1/31/2017  
ARCHITECT'S PROJECT NO:

In tabulations below, amounts are stated to the nearest dollar.  
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A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	C1 CHANGE ORDER USE	C2 REVISED SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE) 10%
					FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G + C)		
170	SWIMMING POOL & SPA	140,016.00	\$0.00	\$140,016.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$140,016.00	\$0.00
171	KOI POND	141,324.00	\$0.00	\$141,324.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$141,324.00	\$0.00
172	KOI POND GLASS RAILING/ENCLOS	15,211.00	\$0.00	\$15,211.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$15,211.00	\$0.00
173	PARKING CANOPIES	112,990.00	\$0.00	\$112,990.00	\$3,234.00	\$0.00	\$0.00	\$3,234.00	2.9%	\$109,756.00	\$323.40
174	PARKING CANOPY SPOIL REMOVAL	4,120.00	\$0.00	\$4,120.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$4,120.00	\$0.00
175	LOUNGE WATER FEATURES	15,000.00	\$0.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$15,000.00	\$0.00
176	ELEVATORS - BLDG A	509,370.00	\$0.00	\$509,370.00	\$178,608.00	\$0.00	\$0.00	\$178,608.00	35.1%	\$330,762.00	\$17,860.80
177	ELEVATORS - BLDG B	105,940.00	\$0.00	\$105,940.00	\$42,000.00	\$0.00	\$0.00	\$42,000.00	39.6%	\$63,940.00	\$4,200.00
178	TRASH CHUTES	69,160.00	\$0.00	\$69,160.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$69,160.00	\$0.00
179	PLUMBING MOBIZATION	52,000.00	\$0.00	\$52,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$52,000.00	\$0.00
180	PLUMBING BLDG A - UNDERGROUND	353,900.00	\$0.00	\$353,900.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$353,900.00	\$0.00
181	PLUMBING BLDG A - 1ST FLOOR ROUGH-IN	323,700.00	\$0.00	\$323,700.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$323,700.00	\$0.00
182	PLUMBING BLDG A - 2ND FLOOR ROUGH-IN	267,300.00	\$0.00	\$267,300.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$267,300.00	\$0.00
183	PLUMBING BLDG A - 3RD FLOOR ROUGH-IN	196,700.00	\$0.00	\$196,700.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$196,700.00	\$0.00
184	PLUMBING BLDG A - 1ST FLOOR TRIM	174,500.00	\$0.00	\$174,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$174,500.00	\$0.00
185	PLUMBING BLDG A - 2ND FLOOR TRIM	174,500.00	\$0.00	\$174,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$174,500.00	\$0.00
186	PLUMBING BLDG A - 3RD FLOOR TRIM	167,000.00	\$0.00	\$167,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$167,000.00	\$0.00
187	PLUMBING BLDG B - UNDERGROUND	92,450.00	\$0.00	\$92,450.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$92,450.00	\$0.00
188	PLUMBING BLDG B - 1ST FLOOR ROUGH-IN	121,000.00	\$0.00	\$121,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$121,000.00	\$0.00
189	PLUMBING BLDG B - 2ND FLOOR ROUGH-IN	68,650.00	\$0.00	\$68,650.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$68,650.00	\$0.00
190	PLUMBING BLDG B - 1ST FLOOR TRIM	59,950.00	\$0.00	\$59,950.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$59,950.00	\$0.00
191	PLUMBING BLDG B - 2ND FLOOR TRIM	59,950.00	\$0.00	\$59,950.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$59,950.00	\$0.00
192	PLUMBING - POOL BLDG	39,100.00	\$0.00	\$39,100.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$39,100.00	\$0.00
193	PLUMBING - CENTRL PLANT	180,600.00	\$0.00	\$180,600.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$180,600.00	\$0.00
194	PLUMBING - TUBS/SHOWERS ON SITE	485,000.00	\$0.00	\$485,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$485,000.00	\$0.00
195	PLUMBING - NATURAL GAS PIPING	35,985.00	\$0.00	\$35,985.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$35,985.00	\$0.00
196	PLUMBING - COURTYARD	148,000.00	\$0.00	\$148,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$148,000.00	\$0.00
197	PLUMBING - BOILERS & EQUIPMENT	200,000.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$200,000.00	\$0.00
198	PLUMBING SPOIL REMOVALS	11,000.00	\$0.00	\$11,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$11,000.00	\$0.00
199	FIRE SPRINKLERS - BLDG A	480,501.00	\$0.00	\$480,501.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$480,501.00	\$0.00
200	FIRE SPRINKLERS - BLDG B	93,580.00	\$0.00	\$93,580.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$93,580.00	\$0.00
201	FIRE SPRINKLERS - CENTRAL PLANT	12,500.00	\$0.00	\$12,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$12,500.00	\$0.00
202	FIRE SPRINKLER PERMIT	1,000.00	\$0.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,000.00	\$0.00



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Fellowship Square- Surprise Project 2518

APPLICATION NO: 4  
APPLICATION DATE: 1/30/2017  
PERIOD TO: 1/01/2017 - 1/31/2017  
ARCHITECT'S PROJECT NO:

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					FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G + C)		
203	H.V.A.C. - BLDG A - PHASE 1 - 1ST FLR	1,079,465.00	\$0.00	\$1,079,465.00	\$0.00	\$17,795.00	\$0.00	\$17,795.00	1.6%	\$1,061,670.00	\$1,779.50
204	H.V.A.C. - BLDG A - PHASE 1 - 2ND FLR	346,034.00	\$0.00	\$346,034.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$346,034.00	\$0.00
205	H.V.A.C. - BLDG A - PHASE 1 - 3RD FLR	207,894.00	\$0.00	\$207,894.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$207,894.00	\$0.00
206	H.V.A.C. - BLDG A - PHASE 2 - 1ST FLR	370,381.00	\$0.00	\$370,381.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$370,381.00	\$0.00
207	H.V.A.C. - BLDG A - PHASE 2 - 2ND FLR	370,274.00	\$0.00	\$370,274.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$370,274.00	\$0.00
208	H.V.A.C. - BLDG A - PHASE 2 - 3RD FLR	285,314.00	\$0.00	\$285,314.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$285,314.00	\$0.00
209	H.V.A.C. - BUILDING B	663,006.00	\$0.00	\$663,006.00	\$0.00	\$3,500.00	\$0.00	\$3,500.00	0.5%	\$659,506.00	\$350.00
210	H.V.A.C. - CENTRAL PLANT	430,163.00	\$0.00	\$430,163.00	\$0.00	\$2,500.00	\$0.00	\$2,500.00	0.6%	\$427,663.00	\$250.00
211	CHILLERS & EQUIPMENT	495,541.00	\$0.00	\$495,541.00	\$0.00	\$1,500.00	\$0.00	\$1,500.00	0.3%	\$494,041.00	\$150.00
212	COOLING TOWER FOOTINGS	8,000.00	\$0.00	\$8,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$8,000.00	\$0.00
213	H.V.A.C. SPOIL REMOVAL	3,500.00	\$0.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$3,500.00	\$0.00
214	DUST COLLECTOR SYSTEM	1,900.00	\$0.00	\$1,900.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,900.00	\$0.00
215	ELECTRICAL BLDG A - MOBILIZE/TEMP POWER	53,285.00	\$0.00	\$53,285.00	\$31,915.00	\$0.00	\$0.00	\$31,915.00	59.9%	\$21,370.00	\$3,191.50
216	ELECTRICAL BLDG A - UNDERGROUND	83,684.00	\$0.00	\$83,684.00	\$0.00	\$8,368.00	\$0.00	\$8,368.00	10.0%	\$75,316.00	\$836.80
217	ELECTRICAL BLDG A - ROUGH IN	1,124,209.00	\$0.00	\$1,124,209.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$1,124,209.00	\$0.00
218	ELECTRICAL BLDG A - SWITCH GEAR/GENERATOR	458,324.00	\$0.00	\$458,324.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$458,324.00	\$0.00
219	ELECTRICAL BLDG A - LIGHT FIXTURES	924,026.00	\$0.00	\$924,026.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$924,026.00	\$0.00
220	ELECTRICAL BLDG A - FIRE ALARM	191,982.00	\$0.00	\$191,982.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$191,982.00	\$0.00
221	ELECTRICAL BLDG A - TRIM	227,228.00	\$0.00	\$227,228.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$227,228.00	\$0.00
222	ELECTRICAL SITE - UNDERGROUND	181,504.00	\$0.00	\$181,504.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$181,504.00	\$0.00
223	ELECTRICAL SITE - ROUGH IN / TRIM	43,110.00	\$0.00	\$43,110.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$43,110.00	\$0.00
224	ELECTRICAL SITE - LIGHT FIXTURES	130,952.00	\$0.00	\$130,952.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$130,952.00	\$0.00
225	ELECTRICAL - POOL BLDG	21,899.00	\$0.00	\$21,899.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$21,899.00	\$0.00
226	ELECTRICAL - CENTRAL PLANT	111,690.00	\$0.00	\$111,690.00	\$0.00	\$1,951.00	\$0.00	\$1,951.00	1.7%	\$109,739.00	\$195.10



**CONTINUATION SHEET**

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### Fellowship Square- Surprise

Project 2518

APPLICATION NO: 4  
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PERIOD TO: 1/01/2017 - 1/31/2017

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ARCHITECT'S PROJECT NO:

[illegible]

ID		Task Name	Duration	Start	Finish
1		<b>FELLOWSHIP SQUARE SURPRISE</b>	<b>371 days</b>	<b>Mon 11/14/16</b>	<b>Mon 4/30/18</b>
2					
3		<b>General Site</b>	<b>136 days</b>	<b>Mon 11/14/16</b>	<b>Wed 5/24/17</b>
4		Dust Control Permit	1 day	Mon 11/14/16	Mon 11/14/16
5		SWPPP Permit	1 day	Mon 11/14/16	Mon 11/14/16
6		Grading and Drainage Permit	1 day	Mon 11/14/16	Mon 11/14/16
7		Site signage	1 day	Mon 11/14/16	Mon 11/14/16
8		Construction water meter	1 day	Mon 11/14/16	Mon 11/14/16
9		Survey and staking	2 days	Tue 11/15/16	Wed 11/16/16
10		Lay down yard millings	1 day	Thu 12/8/16	Thu 12/8/16
11		Pre water	13 days	Thu 11/17/16	Wed 12/7/16
12		Trailers / porta jons	1 day	Tue 12/13/16	Tue 12/13/16
13		Temp power	1 day	Tue 12/13/16	Tue 12/13/16
14		SWPPP in place	2 days	Thu 12/8/16	Fri 12/9/16
15		Survey and staking	2 days	Thu 12/8/16	Fri 12/9/16
16		Buesing Mobilization delay	4 days	Thu 12/8/16	Tue 12/13/16
17		Mass grading	15 days	Thu 12/15/16	Fri 1/27/17
18		RAIN DELAY #1	5 days	Thu 12/22/16	Wed 12/28/16
19		RAIN DELAY #2	12 days	Mon 1/2/17	Tue 1/17/17
20		RAIN DELAY #3	4 days	Fri 1/20/17	Wed 1/25/17
21		Pad 'B' Certification	1 day	Mon 1/30/17	Mon 1/30/17
22		Pad 'A' certification	1 day	Thu 1/26/17	Thu 1/26/17
23		Central Plant Pad Certification	1 day	Mon 1/16/17	Mon 1/16/17
24		Pool Room Pad Certification	1 day	Fri 1/27/17	Fri 1/27/17
25		Retention ponds excavated	5 days	Mon 1/30/17	Fri 2/3/17
26		Perimeter grading	3 days	Mon 2/6/17	Wed 2/8/17
27		Temp fence set	2 days	Fri 12/9/16	Mon 12/12/16
28		Temporary Fire Dept Access Road Part 1	3 days	Fri 2/10/17	Tue 2/14/17
29		Temporary Fire Dept Access Road Part 2	3 days	Mon 5/22/17	Wed 5/24/17
30		Sarival entrance staking	1 day	Fri 1/27/17	Fri 1/27/17
31		Sarival Driveway Entrance and Water Line Crossing	10 days	Mon 1/30/17	Fri 2/10/17
32					
33		<b>Water and Fire Line</b>	<b>64.5 days</b>	<b>Thu 1/26/17</b>	<b>Wed 4/26/17</b>
34		Staking	2 days	Thu 1/26/17	Fri 1/27/17
35		Sarival Ave crossing to STA 25 & FH	5 days	Mon 1/30/17	Fri 2/3/17
36		STA 25 to STA 24 w FR to Bldg B	3 days	Mon 2/6/17	Wed 2/8/17
37		STA 24 TO STA 23 & FH	4 days	Thu 2/9/17	Tue 2/14/17
38		STA 23 to STA 22	1 day	Wed 2/15/17	Wed 2/15/17
39		STA 22 to STA 52 with Bldg B tie in	2 days	Thu 2/16/17	Fri 2/17/17
40		STA 52 TO STA 51C & FH	1 day	Mon 2/20/17	Mon 2/20/17
41		STA 22 to STA 22B with stub	1 day	Tue 2/21/17	Tue 2/21/17
42		STA 22B TO STA 20 with stub (north) & Central Plant FR	1 day	Wed 2/22/17	Wed 2/22/17
43		STA 20B to central Plant tie in	1 day	Thu 2/23/17	Thu 2/23/17
44		STA 20B through and to STA 14	1.5 days	Mon 3/27/17	Tue 3/28/17
45		STA 51 to STA 48 with FH	2 days	Tue 3/28/17	Thu 3/30/17
46		STA 48 to STA 46	1 day	Thu 3/30/17	Fri 3/31/17
47		STA 46 to STA 45 with FH & FR (Bldg A south)	1 day	Fri 3/31/17	Mon 4/3/17
48		STA 46 to STA 43C with FH	1.5 days	Mon 4/3/17	Tue 4/4/17
49		STA 43 C to STA41 to east Bldg A tie in	1.5 days	Wed 4/5/17	Thu 4/6/17
50		STA 41 north TO STA 40B with FH	1 day	Thu 4/6/17	Fri 4/7/17
51		STA 40B to STA 0 with tie in at main entrance	1 day	Fri 4/7/17	Mon 4/10/17
52		STA 0 north to STA 2 with FH	1 day	Mon 4/10/17	Tue 4/11/17
53		STA 2 to STA 4 with FR in Bldg A	1 day	Tue 4/11/17	Wed 4/12/17
54		STA 4 to STA 5 with FH	1.5 days	Wed 4/12/17	Thu 4/13/17
55		STA 5 to STA 7 & 8 to STA 8B with FH	2.5 days	Fri 4/14/17	Tue 4/18/17
56		STA 8B south to STA 11 with FH	2 days	Tue 4/18/17	Thu 4/20/17
57		Chlorinate and flush for Bldg B	1 day	Thu 4/20/17	Fri 4/21/17
58		Chlorinate and flush for Central Plant	1 day	Fri 4/21/17	Mon 4/24/17
59		Chlorinate and flush for Bldg A	1 day	Mon 4/24/17	Tue 4/25/17
60		BFA's set, tested, certified and locked up	1 day	Tue 4/25/17	Wed 4/26/17
61					
62		<b>Sewer Lines</b>	<b>24 days</b>	<b>Tue 2/21/17</b>	<b>Fri 3/24/17</b>
63		Staking	2 days	Tue 2/21/17	Wed 2/22/17
64		Sect #1 Bldg B CO"s 1 & 2 with tie ins, east to MH B	1.5 days	Thu 2/23/17	Fri 2/24/17
65		Sect #2 MH B to MH C to MN D to MH E to EMH #2	3 days	Fri 2/24/17	Wed 3/1/17
66		Sect #3 Bldg A south tie in to CO #3 to EMH #2	1 day	Wed 3/1/17	Thu 3/2/17
67		Sect #4 MH D to MH F to MH G to MH H	3 days	Thu 3/2/17	Tue 3/7/17
68		Sect #5 Pool Room to CO #4 & CO #5 to Cross Tie	1.5 days	Tue 3/7/17	Wed 3/8/17
69		Sect #6 Central Plant CO#6 & CO #7 to Cross Tie	1 day	Thu 3/9/17	Thu 3/9/17
70		Sect #7 MH H to MH I to future stub	1.5 days	Fri 3/10/17	Mon 3/13/17
71		Sect #8 MH H north to MH K with Bldg A tie in	2 days	Mon 3/13/17	Wed 3/15/17
72		MH K north to MH L, MH M, MH N and Bldg A tie in	3.5 days	Wed 3/15/17	Mon 3/20/17
73		Sect #10 MH N to CO#8 with Bldg A tie in	1 day	Tue 3/21/17	Tue 3/21/17
74		Sect #11 Bldg A interceptor to EMH #1	1 day	Wed 3/22/17	Wed 3/22/17
75		Sect #12 MH J to Bldg A tie in	2 days	Thu 3/23/17	Fri 3/24/17
76					

ID		Task Name	Duration	Start	Finish
77		<b>Storm Drainage System</b>	<b>37 days</b>	<b>Thu 1/26/17</b>	<b>Fri 3/17/17</b>
78		Staking	2 days	Thu 1/26/17	Fri 1/27/17
79		Drywells	35 days	Mon 1/30/17	Fri 3/17/17
80		Sect #1 UG Retention at Bldg B	5 days	Mon 1/30/17	Fri 2/3/17
81		Sect #2 Pickleball area	1.5 days	Mon 2/6/17	Tue 2/7/17
82		Sect #3 Putting green area	0.5 days	Tue 2/7/17	Tue 2/7/17
83		Sect #4 Dog area	1 day	Wed 2/8/17	Wed 2/8/17
84		Sect #5 Pool area to drywell #3	1 day	Thu 2/9/17	Thu 2/9/17
85		Sect #6 pool and pond area	2 days	Fri 2/10/17	Mon 2/13/17
86		Sect #7 Bldg Fire pit area	2 days	Tue 2/14/17	Wed 2/15/17
87		Sect #8 Bldg A Café area	1 day	Thu 2/16/17	Thu 2/16/17
88		Sect #9 Southwest entrance area	1 day	Fri 2/17/17	Fri 2/17/17
89		Sect #10 Bus area	1 day	Mon 2/20/17	Mon 2/20/17
90		Sect #11 Main Entrance area	2 days	Tue 2/21/17	Wed 2/22/17
91					
92		<b>Hydronic piping</b>	<b>18 days</b>	<b>Mon 2/6/17</b>	<b>Wed 3/1/17</b>
93		Staking	1 day	Mon 2/6/17	Mon 2/6/17
94		Bldg B to Central Plant Hot Water	7 days	Tue 2/7/17	Wed 2/15/17
95		Bldg B to Central Plant Chilled Water	7 days	Tue 2/7/17	Wed 2/15/17
96		Bldg A to Central Plant Hot Water	10 days	Thu 2/16/17	Wed 3/1/17
97		Bldg A to Central Plant Chilled Water	10 days	Thu 2/16/17	Wed 3/1/17
98					
99		<b>APS Power Supply</b>	<b>341 days</b>	<b>Thu 11/17/16</b>	<b>Thu 3/22/18</b>
100		Design	20 days	Thu 11/17/16	Fri 12/16/16
101		Design Review and acceptance	17 days	Mon 12/19/16	Tue 1/10/17
102		Pre Con Meeting	1 day	Wed 1/11/17	Wed 1/11/17
103		Staking	5 days	Mon 1/30/17	Fri 2/3/17
104		Pipe install	15 days	Mon 2/6/17	Fri 2/24/17
105		Pull Stations	5 days	Mon 2/27/17	Fri 3/3/17
106		Switching Cabinets	5 days	Mon 3/6/17	Fri 3/10/17
107		Transformers	5 days	Mon 3/13/17	Fri 3/17/17
108		Building conduits to Bldg B SES	2 days	Mon 2/27/17	Tue 2/28/17
109		Building conduits to Bldg A SES's	4 days	Tue 2/14/17	Fri 2/17/17
110		Central Plant conduits to SES	1 day	Mon 2/27/17	Mon 2/27/17
111		Bldg B inspection and power	3 days	Thu 6/29/17	Mon 7/3/17
112		Central Plant inspection and power	3 days	Fri 4/21/17	Tue 4/25/17
113		Building A inspection and power	3 days	Mon 8/21/17	Wed 8/23/17
114		Pool / Spa and Bocce Ball power	2 days	Mon 11/13/17	Tue 11/14/17
115		Pond power	2 days	Mon 11/13/17	Tue 11/14/17
116		Dog park and Pickle Ball power	2 days	Wed 3/21/18	Thu 3/22/18
117					
118		<b>Southwest Gas Service</b>	<b>91.5 days</b>	<b>Tue 1/31/17</b>	<b>Thu 6/8/17</b>
119		Design	15 days	Tue 1/31/17	Mon 2/20/17
120		Design review and acceptance	15 days	Tue 2/21/17	Mon 3/13/17
121		Staking	2 days	Wed 4/26/17	Fri 4/28/17
122		Piping	25 days	Fri 4/28/17	Mon 6/5/17
123		Inspections	1 day	Mon 6/5/17	Tue 6/6/17
124		Meters set and final approval	2 days	Tue 6/6/17	Thu 6/8/17
125					
126		<b>Century Link and Cox Comm</b>	<b>26 days</b>	<b>Mon 2/6/17</b>	<b>Mon 3/13/17</b>
127		Design	5 days	Mon 2/6/17	Fri 2/10/17
128		Design review and acceptance	15 days	Mon 2/13/17	Fri 3/3/17
129		UG Conduits	5 days	Mon 2/27/17	Fri 3/3/17
130		Building interconnect conduits	2 days	Mon 3/6/17	Tue 3/7/17
131		Bldg B TMB / inspection	1 day	Wed 3/8/17	Wed 3/8/17
132		Central Plant TMB / inspection	1 day	Thu 3/9/17	Thu 3/9/17
133		Bldg A TMB / inspection	1 day	Fri 3/10/17	Fri 3/10/17
134		Active service	1 day	Mon 3/13/17	Mon 3/13/17
135					
136		<b>Site Lighting</b>	<b>54 days</b>	<b>Tue 3/7/17</b>	<b>Fri 5/19/17</b>
137		Light pole staking	2 days	Tue 3/7/17	Wed 3/8/17
138		Drill light poles	3 days	Thu 3/9/17	Mon 3/13/17
139		UG Conduits to light poles and carports & home run circuitry	10 days	Tue 3/14/17	Mon 3/27/17
140		Set forms and cages	5 days	Tue 3/28/17	Mon 4/3/17
141		Light pole bases cast	3 days	Mon 3/20/17	Wed 3/22/17
142		Poles set	5 days	Mon 5/15/17	Fri 5/19/17
143					
144		<b>Site Fence</b>	<b>196 days</b>	<b>Mon 1/9/17</b>	<b>Thu 10/12/17</b>
145		Survey and staking	2 days	Mon 1/9/17	Tue 1/10/17
146		Excavation	4 days	Wed 1/11/17	Mon 1/16/17
147		Footing	10 days	Tue 1/17/17	Mon 1/30/17
148		Masonry Fence	25 days	Tue 1/31/17	Mon 3/6/17
149		Power supply to signage and gates	3 days	Tue 3/7/17	Thu 3/9/17
150		Wrought Iron Fence	5 days	Tue 3/7/17	Mon 3/13/17
151		Access Control Gates	5 days	Fri 10/6/17	Thu 10/12/17
152		Building masonry sign footing	1 day	Tue 3/7/17	Tue 3/7/17








ID		Task Name	Duration	Start	Finish
153		Building Masonry sign	2 days	Wed 3/8/17	Thu 3/9/17
154		Building screen wall footings	3 days	Mon 5/22/17	Wed 5/24/17
155		Building screen walls	6 days	Thu 5/25/17	Fri 6/2/17
156					
157		<b>Traffic Control</b>	<b>281 days</b>	<b>Thu 3/2/17</b>	<b>Tue 4/10/18</b>
158		Perimeter curb	3 days	Wed 3/15/17	Fri 3/17/17
159		Curb and Gutter with Bldg B	3 days	Thu 3/2/17	Mon 3/6/17
160		Curb and Gutter with Central Plant.	2 days	Tue 3/7/17	Wed 3/8/17
161		Curb and Gutter at Bldg A	4 days	Thu 3/9/17	Tue 3/14/17
162		Exterior caulking at B and Plant	2 days	Fri 10/6/17	Mon 10/9/17
163		Exterior caulking at A	3 days	Thu 11/9/17	Mon 11/13/17
164		Flagpole base	3 days	Thu 9/28/17	Mon 10/2/17
165		Bike racks	1 day	Tue 4/10/18	Tue 4/10/18
166		Flagpole	1 day	Tue 10/3/17	Tue 10/3/17
167		ABC haul and place	8 days	Tue 9/12/17	Thu 9/21/17
168		Deco concrete cross walks	4 days	Fri 9/22/17	Wed 9/27/17
169		Compaction and string line	3 days	Fri 9/22/17	Tue 9/26/17
170		Paving	7 days	Wed 9/27/17	Thu 10/5/17
171		Carports	15 days	Fri 10/6/17	Thu 10/26/17
172		Striping and signage	1 day	Fri 10/6/17	Fri 10/6/17
173		Seal coat and re-stripe	3 days	Thu 4/5/18	Mon 4/9/18
174					
175		<b>Phase 1 Perimeter Landscaping</b>	<b>37 days</b>	<b>Fri 10/6/17</b>	<b>Wed 11/29/17</b>
176		Acceptance of grades	1 day	Fri 10/6/17	Fri 10/6/17
177		Irrigation trenching	10 days	Mon 10/9/17	Fri 10/20/17
178		Waterlines and control wires	5 days	Mon 10/16/17	Fri 10/20/17
179		Excavations for plants and trees	6 days	Mon 10/23/17	Mon 10/30/17
180		Plantings at Bldg B and perimeter fence and entry	15 days	Tue 10/31/17	Mon 11/20/17
181		DG placement for Phase 1 work	5 days	Tue 11/21/17	Wed 11/29/17
182					
183		<b>Phase 2 Landscaping @ Bldg A and Amenities</b>	<b>71 days</b>	<b>Thu 11/30/17</b>	<b>Tue 3/13/18</b>
184		Acceptance of grades	1 day	Thu 11/30/17	Thu 11/30/17
185		Irrigation trenching	10 days	Fri 12/1/17	Thu 12/14/17
186		Water lines and control wiring	10 days	Fri 12/8/17	Thu 12/21/17
187		Excavations for plants and trees	5 days	Wed 2/14/18	Tue 2/20/18
188		Plantings at Bldg A and Amenities	15 days	Wed 2/21/18	Tue 3/13/18
189		DG placement at same	10 days	Wed 2/28/18	Tue 3/13/18
190					
191		<b>Central Plant</b>	<b>102 days</b>	<b>Tue 1/17/17</b>	<b>Thu 6/8/17</b>
192		Staking and layout	1 day	Tue 1/17/17	Tue 1/17/17
193		Footing excavations	2 days	Wed 1/18/17	Thu 1/19/17
194		Compaction test	1 day	Fri 1/20/17	Fri 1/20/17
195		Rebar placement	2 days	Mon 1/23/17	Tue 1/24/17
196		Grounding placement	1 day	Wed 1/25/17	Wed 1/25/17
197		Inspection	1 day	Thu 1/26/17	Thu 1/26/17
198		Cast footings	1 day	Fri 1/27/17	Fri 1/27/17
199		Layup stem and grout	3 days	Thu 1/26/17	Mon 1/30/17
200		UG Layout	1 day	Tue 1/31/17	Tue 1/31/17
201		Under slab plumbing	4 days	Tue 1/31/17	Fri 2/3/17
202		Under slab hydronic piping	4 days	Tue 1/31/17	Fri 2/3/17
203		Under slab electrical	3 days	Thu 2/2/17	Mon 2/6/17
204		UG Inspection	1 day	Mon 2/6/17	Mon 2/6/17
205		ABC placement	2 days	Mon 2/6/17	Tue 2/7/17
206		Preslab inspection	1 day	Wed 2/8/17	Wed 2/8/17
207		Termite treatment	1 day	Wed 2/8/17	Wed 2/8/17
208		Cast slab	1 day	Thu 2/9/17	Thu 2/9/17
209		Masonry walls	15 days	Fri 2/10/17	Thu 3/2/17
210		Hollow metal frames	1 day	Fri 2/10/17	Fri 2/10/17
211		Floor caulking	1 day	Fri 3/3/17	Fri 3/3/17
212		Roof frame	8 days	Mon 3/6/17	Wed 3/15/17
213		Install metal roof tails	3 days	Thu 3/16/17	Mon 3/20/17
214		Dryin	3 days	Tue 3/21/17	Thu 3/23/17
215		Load roof	1 day	Fri 3/24/17	Fri 3/24/17
216		Interior framing	2 days	Thu 3/16/17	Fri 3/17/17
217		Window frames	1 day	Thu 3/16/17	Thu 3/16/17
218		Fire sprinklers	5 days	Thu 3/16/17	Wed 3/22/17
219		Rough in plumbing waste and water	5 days	Mon 3/20/17	Fri 3/24/17
220		Rough in mechanical	3 days	Mon 3/20/17	Wed 3/22/17
221		Rough in Electrical	15 days	Mon 3/20/17	Fri 4/7/17
222		Inspections	1 day	Mon 4/10/17	Mon 4/10/17
223		Wire pull	5 days	Tue 4/11/17	Mon 4/17/17
224		Ceiling insulation	2 days	Tue 4/4/17	Wed 4/5/17
225		Metal roof tails	4 days	Fri 3/10/17	Wed 3/15/17
226		Stucco and acrylic finish	15 days	Thu 3/16/17	Wed 4/5/17
227		Soffit and fascia painting	2 days	Thu 3/16/17	Fri 3/17/17
228		Roofing tile and flat	6 days	Mon 3/27/17	Mon 4/3/17

ID		Task Name	Duration	Start	Finish
229		Drywall	9 days	Thu 4/6/17	Tue 4/18/17
230		Exterior caulking	1 day	Thu 4/6/17	Thu 4/6/17
231		Hang doors and hardware	2 days	Wed 4/12/17	Thu 4/13/17
232		Paint	2 days	Wed 4/19/17	Thu 4/20/17
233		Acoustic Grid	1 day	Fri 4/21/17	Fri 4/21/17
234		Restroom ceramic	5 days	Fri 4/21/17	Thu 4/27/17
235		Plumbing trim Restroom fixtures	2 days	Fri 4/28/17	Mon 5/1/17
236		Roll up door	2 days	Fri 4/21/17	Mon 4/24/17
237		Dust Collector	2 days	Fri 4/21/17	Mon 4/24/17
238		Elect & Mech trim out	8 days	Fri 4/21/17	Tue 5/2/17
239		Battery Chargers set	2 days	Wed 5/3/17	Thu 5/4/17
240		Above grid inspection	1 day	Wed 5/3/17	Wed 5/3/17
241		Ceiling tiles	1 day	Thu 5/4/17	Thu 5/4/17
242		Fire Alarm and sprinkler test	3 days	Thu 5/4/17	Mon 5/8/17
243		Pads, Curbing and walks	6 days	Fri 5/5/17	Fri 5/12/17
244		Caulk CJ and building ground joints	1 day	Mon 5/15/17	Mon 5/15/17
245		Power up	1 day	Tue 5/16/17	Tue 5/16/17
246		Equipment set	10 days	Tue 5/16/17	Tue 5/30/17
247		Mech T&B	3 days	Wed 5/17/17	Fri 5/19/17
248		Quality Assurance inspections	4 days	Mon 5/22/17	Thu 5/25/17
249		Commissioning	5 days	Fri 5/26/17	Fri 6/2/17
250		Acceptance and startup	4 days	Mon 6/5/17	Thu 6/8/17
251					
252		<b>Pool Building</b>	<b>168 days</b>	<b>Fri 2/10/17</b>	<b>Fri 10/6/17</b>
253		Staking and layout	2 days	Fri 2/10/17	Mon 2/13/17
254		Footing excavations	1 day	Tue 2/14/17	Tue 2/14/17
255		Compaction test	1 day	Wed 2/15/17	Wed 2/15/17
256		Rebar placement	1 day	Thu 2/16/17	Thu 2/16/17
257		Grounding placement	1 day	Thu 2/16/17	Thu 2/16/17
258		Inspection	1 day	Fri 2/17/17	Fri 2/17/17
259		Cast footings	1 day	Mon 2/20/17	Mon 2/20/17
260		Layup stem and grout	2 days	Tue 2/21/17	Wed 2/22/17
261		Under slab plumbing	2 days	Thu 2/23/17	Fri 2/24/17
262		Pre pool equipment sleeving	2 days	Thu 2/23/17	Fri 2/24/17
263		Under slab electrical	1 day	Thu 2/23/17	Thu 2/23/17
264		UG Inspection	1 day	Fri 2/24/17	Fri 2/24/17
265		ABC placement	1 day	Mon 2/27/17	Mon 2/27/17
266		Preslab inspection	1 day	Tue 2/28/17	Tue 2/28/17
267		Termite treatment	1 day	Wed 3/1/17	Wed 3/1/17
268		Cast slab	1 day	Thu 3/2/17	Thu 3/2/17
269		Masonry walls & Hollow metal frames	6 days	Fri 3/3/17	Fri 3/10/17
270		<b>Roof framing (starts after spa is excavated)</b>	4 days	Mon 3/13/17	Thu 3/16/17
271		Framing inspection	1 day	Fri 3/17/17	Fri 3/17/17
272		Dryin	1 day	Mon 3/20/17	Mon 3/20/17
273		Load roof	1 day	Tue 3/21/17	Tue 3/21/17
274		Paint soffits and fascia	1 day	Wed 3/22/17	Wed 3/22/17
275		Interior framing	1 day	Fri 3/17/17	Fri 3/17/17
276		Rough in Plumbing, Mechanical and Fire	5 days	Mon 3/20/17	Fri 3/24/17
277		Rough in Electrical	2 days	Mon 3/27/17	Tue 3/28/17
278		Inspections	1 day	Wed 3/29/17	Wed 3/29/17
279		Roofing	2 days	Thu 3/30/17	Fri 3/31/17
280		Insulation	1 day	Thu 3/30/17	Thu 3/30/17
281		Drywall	5 days	Fri 3/31/17	Thu 4/6/17
282		Hang doors and hardware	1 day	Fri 4/7/17	Fri 4/7/17
283		Paint	1 day	Mon 4/10/17	Mon 4/10/17
284		Restroom ceramic	5 days	Tue 4/11/17	Mon 4/17/17
285		Mechanical and Fire unit set and trim out	4 days	Tue 4/18/17	Fri 4/21/17
286		Plumbing trim Restroom fixtures	1 day	Mon 4/24/17	Mon 4/24/17
287		RR Partitions / Accessories & Lockers	1 day	Tue 4/25/17	Tue 4/25/17
288		Electrical trim out	2 days	Wed 4/26/17	Thu 4/27/17
289		Plumbing and spa equipment	4 days	Tue 9/26/17	Fri 9/29/17
290		Electrical and gas lines for service	2 days	Mon 10/2/17	Tue 10/3/17
291		Finals	1 day	Wed 10/4/17	Wed 10/4/17
292		Power and gas Services	2 days	Thu 10/5/17	Fri 10/6/17
293					
294		<b>Building B</b>	<b>199 days</b>	<b>Tue 1/31/17</b>	<b>Wed 11/8/17</b>
295		<b>General Building 'B' Shell</b>	<b>157 days</b>	<b>Tue 1/31/17</b>	<b>Mon 9/11/17</b>
296		Survey and Layout	2 days	Tue 1/31/17	Wed 2/1/17
297		Footing Excavations	4 days	Wed 2/1/17	Mon 2/6/17
298		Reinforcement Placement	4 days	Fri 2/3/17	Wed 2/8/17
299		Grounding	1 day	Wed 2/8/17	Wed 2/8/17
300		Inspection/Footing, Uffer	1 day	Wed 2/8/17	Wed 2/8/17
301		Pour Footings	2 days	Thu 2/9/17	Fri 2/10/17
302		Elevator Pit Excavations	1 day	Tue 2/7/17	Tue 2/7/17
303		Compaction Testing	1 day	Wed 2/8/17	Wed 2/8/17
304		Elevator Footing and Steel	2 days	Thu 2/9/17	Fri 2/10/17

ID		Task Name	Duration	Start	Finish
305		Inspection /Elevator Footers	1 day	Mon 2/13/17	Mon 2/13/17
306		Poor Footings at Elevator Pit	1 day	Tue 2/14/17	Tue 2/14/17
307		Masonry Stems	5 days	Mon 2/13/17	Fri 2/17/17
308		Inspection/ Stem	1 day	Mon 2/20/17	Mon 2/20/17
309		Elevator Pit Masonry	2 days	Mon 2/13/17	Tue 2/14/17
310		Grout Stems	1 day	Tue 2/21/17	Tue 2/21/17
311		Layout (interior wall locations)	2 days	Wed 2/22/17	Thu 2/23/17
312		Underground Plumbing	10 days	Thu 2/23/17	Wed 3/8/17
313		Elevator Pit Sumps	2 days	Wed 2/22/17	Thu 2/23/17
314		Underground Electrical	15 days	Mon 2/20/17	Fri 3/10/17
315		UG water lines and hydronic water runs	3 days	Mon 2/20/17	Wed 2/22/17
316		Fire Riser Stub	2 days	Mon 2/20/17	Tue 2/21/17
317		Inspections/ UG, Elec, Plumbing	1 day	Thu 3/9/17	Thu 3/9/17
318		Backfill, Plumbing, Elec, Fire Riser,	2 days	Fri 3/10/17	Mon 3/13/17
319		Slab Prep/ABC	3 days	Mon 3/13/17	Wed 3/15/17
320		Electrical Pre Slab	2 days	Tue 3/14/17	Wed 3/15/17
321		Inspection/ Pre Slab	1 day	Thu 3/16/17	Thu 3/16/17
322		Termite Treatment	1 day	Fri 3/17/17	Fri 3/17/17
323		Pour Building Slab	2 days	Mon 3/20/17	Tue 3/21/17
324		Masonry 1st Floor Lift/ 11'7"	25 days	Wed 3/22/17	Tue 4/25/17
325		Structural Steel 1st Floor (5B,6SL)	2 days	Mon 4/17/17	Tue 4/18/17
326		2nd Floor Plank Slabs Installed	11 days	Wed 4/19/17	Wed 5/3/17
327		2nd Floor Masonry Walls/22'8"	25 days	Thu 5/4/17	Thu 6/8/17
328		Stairways installed	3 days	Thu 5/4/17	Mon 5/8/17
329		Concrete at stairways	2 days	Tue 5/9/17	Wed 5/10/17
330		Structural Steel 2nd Floor (13B)	1 day	Fri 6/9/17	Fri 6/9/17
331		Plumbing Sleeves,Mech Hangers,	3 days	Tue 5/30/17	Thu 6/1/17
332		Pour Topping 2nd Floor T-Pac	2 days	Fri 6/2/17	Mon 6/5/17
333		Roof Framing Memory Care (Single Story)	10 days	Fri 5/12/17	Thu 5/25/17
334		Roof Framing Assited Living (2 Story & Kitchen)	20 days	Fri 6/9/17	Fri 7/7/17
335		Dry In And Load Roof Memory Care (1st Floor)	3 days	Fri 5/26/17	Wed 5/31/17
336		1HR Assembly Bot Truss Memory care (2-Layers 5/8 Gym)	4 days	Fri 5/26/17	Thu 6/1/17
337		Dry In Roof assited Living (2nd Story)	5 days	Mon 7/10/17	Fri 7/14/17
338		1hr Assembly Bott of Truss 2nd story (2-layers 5/8 Gym)	8 days	Mon 7/10/17	Wed 7/19/17
339		Elevator installation	8 days	Mon 7/17/17	Wed 7/26/17
340		Masonry Wall Injection	10 days	Fri 6/9/17	Thu 6/22/17
341		Load roofing	3 days	Mon 7/17/17	Wed 7/19/17
342		Roofing	10 days	Thu 7/20/17	Wed 8/2/17
343		Window Install	10 days	Mon 7/10/17	Fri 7/21/17
344		Metal Rafter Tails	5 days	Mon 7/10/17	Fri 7/14/17
345		Fascia and Soffit Painting	4 days	Mon 7/17/17	Thu 7/20/17
346		Brown Coat Stucco	25 days	Mon 7/10/17	Fri 8/11/17
347		Ceramic Exterior Wall Decor	5 days	Mon 7/24/17	Fri 7/28/17
348		Acrylic Wall Finish	20 days	Mon 7/24/17	Fri 8/18/17
349		Wrought Iron Wall Décor	3 days	Mon 8/21/17	Wed 8/23/17
350		Perimeter Walks and Courtyards	15 days	Mon 8/21/17	Mon 9/11/17
351					
352		<b>Bldg B First Floor Suite Interiors</b>	<b>117 days</b>	<b>Thu 5/4/17</b>	<b>Wed 10/18/17</b>
353		Metal Stud Framing & Z Fur out	15 days	Thu 5/4/17	Wed 5/24/17
354		Backing Verification	1 day	Wed 5/24/17	Wed 5/24/17
355		Electrical & data / Plumbing / Mechanical rough in	36 days	Thu 5/4/17	Fri 6/23/17
356		Sprinkler system	20 days	Thu 5/18/17	Thu 6/15/17
357		Inspections	1 day	Mon 6/26/17	Mon 6/26/17
358		Sound Insulation	4 days	Tue 6/27/17	Fri 6/30/17
359		Drywall	20 days	Mon 7/3/17	Mon 7/31/17
360		2nd Floor penetration fire inspection	1 day	Mon 6/26/17	Mon 6/26/17
361		Ceramic tile at kitchen and restrooms	8 days	Tue 7/11/17	Thu 7/20/17
362		Tape and texture	25 days	Tue 7/11/17	Mon 8/14/17
363		Hang doors	5 days	Fri 7/21/17	Thu 7/27/17
364		Run Base and Trim	10 days	Wed 7/26/17	Tue 8/8/17
365		Prime and Paint	5 days	Wed 8/2/17	Tue 8/8/17
366		Ceramic in suites	15 days	Wed 8/9/17	Tue 8/29/17
367		Ceramic at Kitchen	5 days	Wed 8/9/17	Tue 8/15/17
368		Kitchen and Café equipment	3 days	Wed 8/16/17	Fri 8/18/17
369		Hood and duct Ansul suppression systems	3 days	Mon 8/21/17	Wed 8/23/17
370		Acoustic ceiling grid in hallways / common areas	2 days	Wed 8/9/17	Thu 8/10/17
371		Electrical trim	18 days	Mon 8/7/17	Wed 8/30/17
372		Plumbing/ Sprinkler and Mechanical trim	24 days	Mon 8/7/17	Fri 9/8/17
373		Cabinets\Counter Tops	10 days	Fri 8/4/17	Thu 8/17/17
374		Door Hardware	8 days	Mon 8/7/17	Wed 8/16/17
375		Hallway and common area equipment	2 days	Wed 8/9/17	Thu 8/10/17
376		Bathroom accessories	8 days	Mon 9/11/17	Wed 9/20/17
377		Window treatments	5 days	Wed 8/9/17	Tue 8/15/17
378		Final Dificiency walk and repairs	5 days	Thu 9/21/17	Wed 9/27/17
379		Flooring/vinly plank/carpet	10 days	Thu 9/28/17	Wed 10/11/17
380		Appliances & hook ups	2 days	Thu 10/12/17	Fri 10/13/17

ID		Task Name	Duration	Start	Finish
381		Cleaning	3 days	Mon 10/16/17	Wed 10/18/17
382		Health Department Inspections	1 day	Wed 10/18/17	Wed 10/18/17
383					
384		<b>Building B Entrance and Memory Care</b>	<b>91 days</b>	<b>Fri 6/2/17</b>	<b>Tue 10/10/17</b>
385		Wall framing & Z Fur out	10 days	Fri 6/2/17	Thu 6/15/17
386		Masonry wall injected insulation	8 days	Fri 6/2/17	Tue 6/13/17
387		Backing verification	1 day	Fri 6/16/17	Fri 6/16/17
388		Electrical / Plumbing / Mechanical rough in	18 days	Wed 6/7/17	Fri 6/30/17
389		Sprinkler system	7 days	Fri 6/16/17	Mon 6/26/17
390		Storefront framing	5 days	Fri 6/16/17	Thu 6/22/17
391		Inspections	1 day	Mon 7/3/17	Mon 7/3/17
392		Elevator equipment	10 days	Fri 6/2/17	Thu 6/15/17
393		Batt insulation	5 days	Wed 7/5/17	Tue 7/11/17
394		Drywall	10 days	Wed 7/12/17	Tue 7/25/17
395		2nd Floor penetration fire inspection	1 day	Mon 7/3/17	Mon 7/3/17
396		Kitchen & Café Pabco ducting	3 days	Fri 6/16/17	Tue 6/20/17
397		Tape and texture drywall	15 days	Wed 7/26/17	Tue 8/15/17
398		Prime and paint	5 days	Wed 8/16/17	Tue 8/22/17
399		Door frame install	5 days	Fri 6/2/17	Thu 6/8/17
400		Ceramic in restrooms	7 days	Mon 8/21/17	Tue 8/29/17
401		Plumbing trim in restrooms	5 days	Thu 8/24/17	Wed 8/30/17
402		Mail slots and cabinets	1 day	Mon 8/21/17	Mon 8/21/17
403		Acoustic grid	5 days	Wed 8/23/17	Tue 8/29/17
404		Trim electrical	18 days	Mon 8/21/17	Thu 9/14/17
405		Trim Plumbing	18 days	Mon 8/21/17	Thu 9/14/17
406		Wall treatments	5 days	Wed 8/23/17	Tue 8/29/17
407		Trim Mech / Fire sprinkler	20 days	Mon 8/21/17	Mon 9/18/17
408		Above grid inspections	1 day	Tue 9/19/17	Tue 9/19/17
409		Acoustic ceilings	5 days	Wed 9/20/17	Tue 9/26/17
410		Deficiency final work	4 days	Wed 9/27/17	Mon 10/2/17
411		Touch up paint	3 days	Tue 10/3/17	Thu 10/5/17
412		Flooring	10 days	Wed 9/27/17	Tue 10/10/17
413					
414		<b>Bldg B Second Floor Suite Interiors</b>	<b>79 days</b>	<b>Thu 7/20/17</b>	<b>Wed 11/8/17</b>
415		Framing & Z Fur out	12 days	Thu 7/20/17	Fri 8/4/17
416		Backing verification	1 day	Mon 8/7/17	Mon 8/7/17
417		Electrical & data / Plumbing / Mechanical rough in	18 days	Wed 7/26/17	Fri 8/18/17
418		Sprinkler system	10 days	Fri 7/28/17	Thu 8/10/17
419		Inspections	1 day	Mon 8/21/17	Mon 8/21/17
420		Sound Insulation and roof insulation	5 days	Tue 8/22/17	Mon 8/28/17
421		Drywall	15 days	Mon 8/28/17	Mon 9/18/17
422		Tape and Texture	20 days	Tue 9/5/17	Mon 10/2/17
423		Hang Doors	5 days	Tue 9/12/17	Mon 9/18/17
424		Run base, handrails and trim	10 days	Fri 9/15/17	Thu 9/28/17
425		Prime and paint	8 days	Fri 9/22/17	Tue 10/3/17
426		Ceramic in suites and restrooms	10 days	Thu 9/21/17	Wed 10/4/17
427		Acoustic ceiling grid at hallways and common areas	5 days	Wed 10/4/17	Tue 10/10/17
428		Electrical trim	15 days	Fri 9/29/17	Thu 10/19/17
429		Plumbing/ Sprinkler and Mechanical trim	16 days	Fri 9/29/17	Fri 10/20/17
430		Cabinets	10 days	Fri 9/29/17	Thu 10/12/17
431		Door hardware	8 days	Fri 9/29/17	Tue 10/10/17
432		Hallway and common area equipment	3 days	Wed 10/11/17	Fri 10/13/17
433		Bathroom accessories	5 days	Fri 10/13/17	Thu 10/19/17
434		Window treatments	3 days	Wed 10/4/17	Fri 10/6/17
435		Above grid inspections	1 day	Mon 10/23/17	Mon 10/23/17
436		Acoustic ceiling panels	3 days	Tue 10/24/17	Thu 10/26/17
437		Flooring	5 days	Wed 10/4/17	Tue 10/10/17
438		Elevator start up	5 days	Wed 10/11/17	Tue 10/17/17
439		Appliances & hook ups	2 days	Wed 10/11/17	Thu 10/12/17
440		Commissioning	4 days	Fri 10/13/17	Wed 10/18/17
441		Finals	4 days	Thu 10/19/17	Tue 10/24/17
442		FFE	5 days	Wed 10/25/17	Tue 10/31/17
443		Deficiency walk / repairs	3 days	Wed 11/1/17	Fri 11/3/17
444		Cleaning	3 days	Mon 11/6/17	Wed 11/8/17
445					
446		<b>Bldg A Schedule</b>	<b>301 days</b>	<b>Fri 1/27/17</b>	<b>Wed 4/4/18</b>
447		<b>Building A to slab</b>	<b>53 days</b>	<b>Fri 1/27/17</b>	<b>Tue 4/11/17</b>
448		Survey and layout	4 days	Fri 1/27/17	Wed 2/1/17
449		Footing Excavations	5 days	Thu 2/2/17	Wed 2/8/17
450		Compaction testing	2 days	Thu 2/9/17	Fri 2/10/17
451		Reinforcement Placement	7 days	Mon 2/13/17	Tue 2/21/17
452		Grounding	1 day	Tue 2/21/17	Tue 2/21/17
453		Inspections	1 day	Wed 2/22/17	Wed 2/22/17
454		Cast footings	4 days	Thu 2/23/17	Tue 2/28/17
455		Elevator excavations	2 days	Thu 2/9/17	Fri 2/10/17
456		Compaction testing	1 day	Mon 2/13/17	Mon 2/13/17



ID		Task Name	Duration	Start	Finish
457		Elevator footing and steel	2 days	Tue 2/14/17	Wed 2/15/17
458		Inspections	1 day	Thu 2/16/17	Thu 2/16/17
459		Cast footings at elevator pits	1 day	Fri 2/17/17	Fri 2/17/17
460		Build stems / Elevator pit / Inspect / Grout	11 days	Mon 2/27/17	Mon 3/13/17
461		UG plumbing waste lines	8 days	Tue 3/7/17	Thu 3/16/17
462		Elevator pit sumps and sealants	4 days	Tue 3/14/17	Fri 3/17/17
463		UG electrical conduits	10 days	Tue 3/14/17	Mon 3/27/17
464		UG water lines	3 days	Tue 3/14/17	Thu 3/16/17
465		UG hydronic water runs	3 days	Tue 3/14/17	Thu 3/16/17
466		UG Ground inspections	1 day	Tue 3/28/17	Tue 3/28/17
467		ABC placement and grading	5 days	Wed 3/29/17	Tue 4/4/17
468		Pre slab inspection	1 day	Wed 4/5/17	Wed 4/5/17
469		Termite treatments	1 day	Thu 4/6/17	Thu 4/6/17
470		Placement of slabs	3 days	Fri 4/7/17	Tue 4/11/17
471					
472		PHASE 1 SHELL	145 days	Mon 4/10/17	Wed 11/1/17
473		Masonry 1st floor lift	30 days	Mon 4/10/17	Fri 5/19/17
474		Masonry at Lobby / Multi purpose rooms	12 days	Mon 4/10/17	Tue 4/25/17
475		Structural steel beams	2 days	Wed 5/10/17	Thu 5/11/17
476		2nd Floor Plank slabs installed	17 days	Mon 5/22/17	Wed 6/14/17
477		2nd Floor Stairway installation	10 days	Thu 6/15/17	Wed 6/28/17
478		Concrete at stairways	2 days	Thu 6/29/17	Fri 6/30/17
479		1st Floor Masonry wall injections	10 days	Mon 5/22/17	Mon 6/5/17
480		Z Furring	10 days	Tue 6/6/17	Mon 6/19/17
481		2nd Floor masonry walls	20 days	Thu 6/15/17	Thu 7/13/17
482		Structural steel beams	2 days	Mon 7/10/17	Tue 7/11/17
483		Topping at P1 2nd floor	3 days	Fri 7/14/17	Tue 7/18/17
484		1st Floor roof framing and Attic Storage room	6 days	Wed 7/5/17	Wed 7/12/17
485		Dry in and load	2 days	Thu 7/13/17	Fri 7/14/17
486		3rd Floor planks installed	11 days	Wed 7/19/17	Wed 8/2/17
487		Roof framing at 2nd floor	15 days	Wed 7/19/17	Tue 8/8/17
488		Dry in and load	3 days	Wed 8/9/17	Fri 8/11/17
489		3rd Floor Stairway install	7 days	Thu 8/3/17	Fri 8/11/17
490		Concrete at stairways	2 days	Mon 8/14/17	Tue 8/15/17
491		2nd Floor Masonry wall injections	10 days	Thu 8/3/17	Wed 8/16/17
492		3rd Floor masonry walls Top Out	10 days	Thu 8/3/17	Wed 8/16/17
493		Structural steel beams	2 days	Mon 8/14/17	Tue 8/15/17
494		Topping at P1 3rd floor	2 days	Thu 8/17/17	Fri 8/18/17
495		3rd floor roof framing	20 days	Mon 8/21/17	Mon 9/18/17
496		Dry in and load roof	8 days	Tue 9/19/17	Thu 9/28/17
497		Service elevator complete	10 days	Fri 9/29/17	Thu 10/12/17
498		3rd Floor Masonry wall injection	10 days	Mon 8/21/17	Fri 9/1/17
499		Window install	8 days	Thu 8/17/17	Mon 8/28/17
500		Fascia and soffit painting	4 days	Fri 9/29/17	Wed 10/4/17
501		Roofing	20 days	Thu 10/5/17	Wed 11/1/17
502		Ceramic exterior wall decor	8 days	Thu 8/17/17	Mon 8/28/17
503		Install metal roof tails	5 days	Thu 8/17/17	Wed 8/23/17
504		Brown coat stucco	20 days	Thu 8/17/17	Thu 9/14/17
505		Acrylic wall finish	13 days	Fri 9/8/17	Tue 9/26/17
506		Wrought iron wall décor and balconies	5 days	Wed 9/27/17	Tue 10/3/17
507		Exterior wall caulking	3 days	Wed 9/27/17	Fri 9/29/17
508		Transformers / SES set	5 days	Mon 10/2/17	Fri 10/6/17
509					
510		PHASE 2 SHELL	150 days	Wed 4/26/17	Tue 11/28/17
511		Masonry 1st floor lift	30 days	Wed 4/26/17	Wed 6/7/17
512		Structural steel beams	2 days	Thu 6/1/17	Fri 6/2/17
513		2nd Floor Plank slabs installed	17 days	Thu 6/8/17	Fri 6/30/17
514		Stairway installation	8 days	Mon 7/3/17	Thu 7/13/17
515		Concrete at stairways	2 days	Fri 7/14/17	Mon 7/17/17
516		1st Floor Masonry wall injections	10 days	Mon 7/3/17	Mon 7/17/17
517		Z Furring	10 days	Tue 7/18/17	Mon 7/31/17
518		2nd Floor masonry walls	25 days	Mon 7/3/17	Mon 8/7/17
519		Structural steel beams	2 days	Wed 8/2/17	Thu 8/3/17
520		Topping at 2nd floor Phase 2	2 days	Tue 8/8/17	Wed 8/9/17
521		3rd Floor planks installed	15 days	Thu 8/10/17	Wed 8/30/17
522		2nd floor roof framing	15 days	Thu 8/10/17	Wed 8/30/17
523		2nd Floor Masonry wall injections	10 days	Thu 8/31/17	Thu 9/14/17
524		Stairway install	8 days	Thu 8/31/17	Tue 9/12/17
525		Concrete at stairways	2 days	Wed 9/13/17	Thu 9/14/17
526		3rd Floor masonry top out	15 days	Thu 8/31/17	Thu 9/21/17
527		Structural steel beams	2 days	Mon 9/18/17	Tue 9/19/17
528		Topping at 3rd floor P2	3 days	Fri 9/22/17	Tue 9/26/17
529		3rd Roof framing complete	20 days	Wed 9/27/17	Tue 10/24/17
530		Dry in and load roof	5 days	Wed 10/25/17	Tue 10/31/17
531		Service elevator	10 days	Wed 11/1/17	Tue 11/14/17
532		3rd Floor Masonry wall injection	14 days	Wed 9/27/17	Mon 10/16/17



ID		Task Name	Duration	Start	Finish
533		Window install	10 days	Wed 9/27/17	Tue 10/10/17
534		Fascia and soffit painting	3 days	Wed 11/1/17	Fri 11/3/17
535		Roofing	15 days	Mon 11/6/17	Tue 11/28/17
536		Ceramic exterior wall decor	5 days	Fri 9/15/17	Thu 9/21/17
537		Install metal roof tails	6 days	Mon 9/18/17	Mon 9/25/17
538		Brown coat stucco	18 days	Tue 9/26/17	Thu 10/19/17
539		Acrylic wall finish	15 days	Tue 10/3/17	Mon 10/23/17
540		Wrought iron wall décor and balconies	8 days	Tue 10/24/17	Thu 11/2/17
541		Exterior wall caulking	3 days	Tue 10/24/17	Thu 10/26/17
542		Transformer / SES set	5 days	Mon 10/9/17	Fri 10/13/17
543		Building signage	2 days	Tue 10/24/17	Wed 10/25/17
544		Perimeter walkways	10 days	Thu 10/26/17	Wed 11/8/17
545					
546		<b>PHASE 1 First Floor Suite Interiors</b>	<b>138 days</b>	<b>Thu 6/15/17</b>	<b>Wed 1/3/18</b>
547		Framing and Z furring	20 days	Thu 6/15/17	Thu 7/13/17
548		Backing verification	1 day	Fri 7/14/17	Fri 7/14/17
549		Stairway install	10 days	Thu 6/15/17	Wed 6/28/17
550		Electrical & data / Plumbing / Mechanical rough in	25 days	Thu 6/29/17	Thu 8/3/17
551		Wire pulls	10 days	Fri 8/4/17	Thu 8/17/17
552		Sprinkler system	18 days	Thu 6/29/17	Tue 7/25/17
553		Inspections	2 days	Fri 8/4/17	Mon 8/7/17
554		Caulking, Fire caulking, Sound proofing and insulation at roof	10 days	Tue 8/8/17	Mon 8/21/17
555		Drywall	24 days	Tue 8/22/17	Mon 9/25/17
556		2nd Floor penetration fire inspection	2 days	Fri 8/4/17	Mon 8/7/17
557		Tape and texture	30 days	Tue 9/26/17	Mon 11/6/17
558		Hang doors / barn door sliders / glass sliders	15 days	Tue 9/26/17	Mon 10/16/17
559		Run base and trim	12 days	Tue 10/3/17	Wed 10/18/17
560		Prime and paint	10 days	Tue 10/10/17	Mon 10/23/17
561		Ceramic Flooring in suites and restrooms	15 days	Thu 10/12/17	Wed 11/1/17
562		Acoustic ceiling grid in hallways / common areas	5 days	Tue 10/24/17	Mon 10/30/17
563		Electrical trim	18 days	Tue 10/17/17	Thu 11/9/17
564		Plumbing/ Sprinkler and Mechanical trim	20 days	Tue 10/17/17	Mon 11/13/17
565		Cabinets & Tops	20 days	Tue 10/17/17	Mon 11/13/17
566		Door hardware	8 days	Tue 11/14/17	Mon 11/27/17
567		Hallway and common area equipment	4 days	Tue 10/31/17	Fri 11/3/17
568		Bathroom accessories	8 days	Tue 10/31/17	Thu 11/9/17
569		Window treatments	8 days	Tue 10/24/17	Thu 11/2/17
570		Above grid inspection	1 day	Tue 11/14/17	Tue 11/14/17
571		Ceiling tiles	4 days	Wed 11/15/17	Mon 11/20/17
572		Flooring	20 days	Wed 11/15/17	Thu 12/14/17
573		Appliances & hook ups	10 days	Fri 12/1/17	Thu 12/14/17
574		FFE	10 days	Wed 12/6/17	Tue 12/19/17
575		Final Deficiency walk and repairs	3 days	Wed 12/20/17	Tue 12/26/17
576		Cleaning and deck coating	5 days	Wed 12/27/17	Wed 1/3/18
577					
578		<b>Building Entrance and Amenity Rooms</b>	<b>150 days</b>	<b>Thu 7/13/17</b>	<b>Thu 2/15/18</b>
579		Framing and Z furring	12 days	Thu 7/13/17	Fri 7/28/17
580		Backing verification	1 day	Mon 7/31/17	Mon 7/31/17
581		Stairway installations	5 days	Thu 7/13/17	Wed 7/19/17
582		Electrical / Plumbing / Mechanical rough in	10 days	Thu 7/20/17	Wed 8/2/17
583		Wire pulls	10 days	Thu 8/3/17	Wed 8/16/17
584		Sprinkler system	10 days	Thu 7/13/17	Wed 7/26/17
585		Storefront framing	5 days	Mon 7/31/17	Fri 8/4/17
586		Inspections	1 day	Thu 8/3/17	Thu 8/3/17
587		Elevator equipment / Inspections and start up	18 days	Tue 1/23/18	Thu 2/15/18
588		Caulking, Fire caulking, Sound proofing and Batt insulation	6 days	Fri 8/4/17	Fri 8/11/17
589		Drywall	10 days	Thu 8/10/17	Wed 8/23/17
590		Fire inspection	1 day	Thu 8/3/17	Thu 8/3/17
591		Kitchen & Café Pabco ducting	3 days	Mon 7/31/17	Wed 8/2/17
592		FRP	2 days	Thu 8/24/17	Fri 8/25/17
593		Tape and texture drywall	15 days	Thu 8/17/17	Thu 9/7/17
594		Trim carpentry (paintable)	5 days	Wed 9/6/17	Tue 9/12/17
595		Prime and paint	3 days	Wed 9/13/17	Fri 9/15/17
596		Door frame install	4 days	Fri 9/8/17	Wed 9/13/17
597		Ceramic in restrooms	10 days	Mon 9/18/17	Fri 9/29/17
598		Plumbing trim in restrooms	3 days	Mon 10/2/17	Wed 10/4/17
599		Cabinets and tops	5 days	Mon 9/18/17	Fri 9/22/17
600		Ceramic at Kitchen / Café	8 days	Mon 9/18/17	Wed 9/27/17
601		Water features	4 days	Mon 9/18/17	Thu 9/21/17
602		Finish wood package in Library	10 days	Mon 9/18/17	Fri 9/29/17
603		Mail slots, Lockers and cabinets	2 days	Mon 9/18/17	Tue 9/19/17
604		Fireplace equipment	2 days	Mon 7/31/17	Tue 8/1/17
605		Plaster at fireplace	4 days	Thu 8/24/17	Tue 8/29/17
606		Acoustic grid	4 days	Mon 9/18/17	Thu 9/21/17
607		Operable walls	3 days	Mon 9/18/17	Wed 9/20/17
608		Finish carpentry work and railings	6 days	Mon 9/18/17	Mon 9/25/17

ID		Task Name	Duration	Start	Finish
609		Trim electrical	15 days	Mon 9/18/17	Fri 10/6/17
610		Trim Plumbing	7 days	Mon 10/2/17	Tue 10/10/17
611		Wall treatments	7 days	Mon 9/18/17	Tue 9/26/17
612		Trim Mech / Fire sprinkler	10 days	Mon 9/18/17	Fri 9/29/17
613		Security gate at general store	1 day	Tue 9/26/17	Tue 9/26/17
614		Rest room accessories and panels	2 days	Wed 10/11/17	Thu 10/12/17
615		Hang doors and hardware	3 days	Mon 9/18/17	Wed 9/20/17
616		Kitchen and Café equipment	8 days	Thu 9/28/17	Mon 10/9/17
617		Hood and duct Ansul suppression systems	2 days	Tue 10/10/17	Wed 10/11/17
618		Above grid inspections	1 day	Mon 10/2/17	Mon 10/2/17
619		Acoustic ceilings	3 days	Tue 10/3/17	Thu 10/5/17
620		Deficiency final work	3 days	Fri 10/6/17	Tue 10/10/17
621		Touch up paint	2 days	Wed 10/11/17	Thu 10/12/17
622		Flooring	5 days	Fri 10/13/17	Thu 10/19/17
623		Cleaning	2 days	Fri 10/20/17	Mon 10/23/17
624		State Health Inspections	1 day	Tue 10/24/17	Tue 10/24/17
625					
626		PHASE 1 Second Floor Suite Interiors	125 days	Thu 8/3/17	Thu 2/1/18
627		Floor caulking	1 day	Thu 8/3/17	Thu 8/3/17
628		Framing and Z furring	14 days	Fri 8/4/17	Wed 8/23/17
629		Backing verification	1 day	Mon 8/21/17	Mon 8/21/17
630		Stairway install	5 days	Thu 8/3/17	Wed 8/9/17
631		Electrical & data / Plumbing / Mechanical rough in	17 days	Tue 8/15/17	Thu 9/7/17
632		Wire pulls	10 days	Fri 9/8/17	Thu 9/21/17
633		Sprinkler system	13 days	Tue 8/15/17	Thu 8/31/17
634		Inspections	2 days	Fri 9/8/17	Mon 9/11/17
635		Caulking, Fire caulking, Sound proofing and roof insulation	10 days	Wed 9/6/17	Tue 9/19/17
636		Drywall	18 days	Tue 9/19/17	Thu 10/12/17
637		3rd Floor penetration & fire inspection	2 days	Fri 9/8/17	Mon 9/11/17
638		Tape and texture	20 days	Mon 10/2/17	Fri 10/27/17
639		Hang doors & glass sliders	15 days	Thu 10/26/17	Wed 11/15/17
640		Run base and trim	12 days	Thu 11/2/17	Fri 11/17/17
641		Prime and paint	10 days	Thu 11/9/17	Wed 11/22/17
642		Ceramic Flooring in suites and restrooms	15 days	Mon 11/13/17	Tue 12/5/17
643		Acoustic ceiling grid at hallways and common areas	5 days	Mon 11/27/17	Fri 12/1/17
644		Electrical trim	20 days	Mon 11/20/17	Tue 12/19/17
645		Plumbing/ Sprinkler and Mechanical trim	20 days	Mon 11/20/17	Tue 12/19/17
646		Cabinets and tops	15 days	Mon 11/20/17	Tue 12/12/17
647		Door hardware	8 days	Wed 12/13/17	Tue 12/26/17
648		Hallway and common area equipment & Beauty Shop	4 days	Mon 12/4/17	Thu 12/7/17
649		Bathroom accessories	8 days	Wed 12/13/17	Tue 12/26/17
650		Window treatments	8 days	Wed 12/27/17	Mon 1/8/18
651		Above grid inspections	1 day	Wed 12/20/17	Wed 12/20/17
652		Acoustic ceiling panels	4 days	Thu 12/21/17	Thu 12/28/17
653		Flooring	18 days	Wed 12/20/17	Wed 1/17/18
654		Appliances & hook ups	10 days	Mon 1/8/18	Fri 1/19/18
655		FFE	10 days	Wed 1/10/18	Tue 1/23/18
656		Deficiency walk and repairs	3 days	Mon 1/22/18	Wed 1/24/18
657		Cleaning and balcony sealing	6 days	Thu 1/25/18	Thu 2/1/18
658					
659		PHASE 1 Third Floor Suite Interiors	107 days	Tue 9/19/17	Wed 2/21/18
660		Floor caulking	1 day	Tue 9/19/17	Tue 9/19/17
661		Framing and Z furring	15 days	Wed 9/20/17	Tue 10/10/17
662		Backing verification	1 day	Wed 10/11/17	Wed 10/11/17
663		Electrical & data / Plumbing / Mechanical rough in	23 days	Fri 9/29/17	Tue 10/31/17
664		Wire pulls	10 days	Wed 11/1/17	Tue 11/14/17
665		Sprinkler system	18 days	Fri 9/29/17	Tue 10/24/17
666		Inspections	2 days	Wed 11/1/17	Thu 11/2/17
667		Caulking, Fire caulking, Sound proofing and roof insulation	10 days	Fri 10/20/17	Thu 11/2/17
668		Drywall	15 days	Tue 10/31/17	Mon 11/20/17
669		Tape and texture	15 days	Tue 11/14/17	Wed 12/6/17
670		Hang doors & glass sliders	10 days	Tue 11/28/17	Mon 12/11/17
671		Run base and trim	17 days	Fri 12/8/17	Thu 1/4/18
672		Prime and paint	14 days	Fri 12/15/17	Mon 1/8/18
673		Ceramic Flooring in suites and restrooms	10 days	Wed 12/20/17	Fri 1/5/18
674		Acoustic ceiling grid at hallways and common areas	5 days	Tue 1/9/18	Mon 1/15/18
675		Electrical trim	18 days	Tue 12/26/17	Fri 1/19/18
676		Plumbing/ Sprinkler and Mechanical trim	15 days	Tue 12/26/17	Tue 1/16/18
677		Cabinets and tops	15 days	Wed 12/20/17	Fri 1/12/18
678		Door hardware	5 days	Wed 12/27/17	Wed 1/3/18
679		Hallway and common area equipment	2 days	Tue 1/9/18	Wed 1/10/18
680		Bathroom accessories	8 days	Mon 1/8/18	Wed 1/17/18
681		Window treatments	8 days	Tue 12/12/17	Thu 12/21/17
682		Above grid inspections	1 day	Mon 1/22/18	Mon 1/22/18
683		Acoustic ceiling panels	4 days	Tue 1/23/18	Fri 1/26/18
684		Flooring	12 days	Thu 1/18/18	Fri 2/2/18

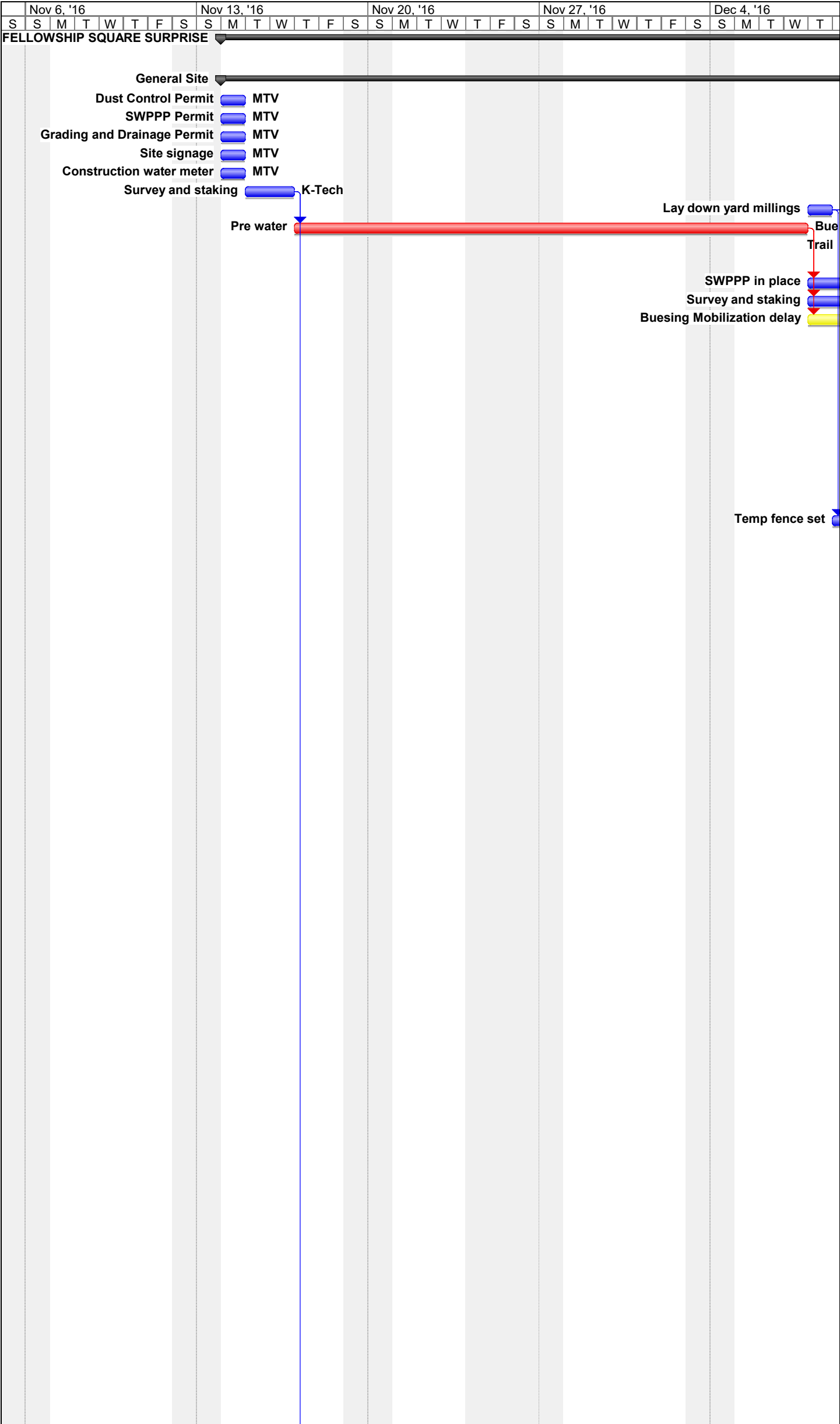
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685		Appliances & hook ups	12 days	Thu 1/25/18	Fri 2/9/18
686		FFE	10 days	Thu 2/1/18	Wed 2/14/18
687		Deficiency walk and repairs	3 days	Tue 2/13/18	Thu 2/15/18
688		Cleaning and balcony sealing	4 days	Fri 2/16/18	Wed 2/21/18
689					
690		<b>PHASE 2 First Floor Suite Interiors</b>	<b>120 days</b>	<b>Thu 8/10/17</b>	<b>Thu 2/1/18</b>
691		Floor caulking	2 days	Thu 8/10/17	Fri 8/11/17
692		Framing and Z furring	25 days	Mon 8/14/17	Mon 9/18/17
693		Backing verification	1 day	Tue 9/19/17	Tue 9/19/17
694		Stairway install	5 days	Wed 9/27/17	Tue 10/3/17
695		Electrical & data / Plumbing / Mechanical rough in	25 days	Mon 8/28/17	Mon 10/2/17
696		Wire pulls	10 days	Tue 10/3/17	Mon 10/16/17
697		Sprinkler system	18 days	Wed 8/30/17	Mon 9/25/17
698		Inspections	2 days	Tue 10/3/17	Wed 10/4/17
699		Sound proofing, Fire caulking and Caulking	8 days	Thu 10/5/17	Mon 10/16/17
700		Drywall	20 days	Wed 10/11/17	Tue 11/7/17
701		2nd Floor penetration & fire inspection	2 days	Tue 10/3/17	Wed 10/4/17
702		Tape and texture	25 days	Wed 10/25/17	Thu 11/30/17
703		Hang doors / barn doors / glass sliders	15 days	Wed 11/1/17	Tue 11/21/17
704		Run base and trim	15 days	Wed 11/8/17	Thu 11/30/17
705		Prime and paint	10 days	Mon 11/13/17	Tue 11/28/17
706		Ceramic Flooring in suites and restrooms	15 days	Wed 11/15/17	Thu 12/7/17
707		Acoustic ceiling grid in hallways / common areas	4 days	Wed 11/29/17	Mon 12/4/17
708		Electrical trim	23 days	Mon 11/20/17	Tue 12/26/17
709		Plumbing/ Sprinkler and Mechanical trim	23 days	Mon 11/20/17	Tue 12/26/17
710		Cabinets & Tops	15 days	Thu 11/16/17	Fri 12/8/17
711		Door hardware	5 days	Mon 12/4/17	Fri 12/8/17
712		Hallway and common area equipment	4 days	Wed 11/29/17	Mon 12/4/17
713		Bathroom accessories	7 days	Mon 12/11/17	Tue 12/19/17
714		Window treatments	8 days	Mon 12/11/17	Wed 12/20/17
715		Above grid inspection	1 day	Wed 12/27/17	Wed 12/27/17
716		Ceiling tiles	2 days	Thu 12/28/17	Fri 12/29/17
717		Flooring	19 days	Mon 12/18/17	Tue 1/16/18
718		Appliances & hook ups	10 days	Thu 1/11/18	Wed 1/24/18
719		FFE	10 days	Thu 1/11/18	Wed 1/24/18
720		Deficiency walk and repairs	3 days	Tue 1/23/18	Thu 1/25/18
721		Cleaning and deck sealing	5 days	Fri 1/26/18	Thu 2/1/18
722					
723		<b>PHASE 2 Second Floor Suite Interiors</b>	<b>129 days</b>	<b>Thu 8/31/17</b>	<b>Wed 3/7/18</b>
724		Floor caulking	1 day	Thu 8/31/17	Thu 8/31/17
725		Framing and Z furring	18 days	Fri 9/1/17	Wed 9/27/17
726		Stairway install	5 days	Thu 8/31/17	Thu 9/7/17
727		Electrical & data / Plumbing / Mechanical rough in	35 days	Mon 9/18/17	Fri 11/3/17
728		Wire pulls	10 days	Mon 11/6/17	Fri 11/17/17
729		Sprinkler system	18 days	Mon 9/18/17	Wed 10/11/17
730		Inspections	2 days	Mon 11/6/17	Tue 11/7/17
731		Sound proofing, Fire caulking and Caulking	8 days	Wed 11/8/17	Fri 11/17/17
732		Drywall	20 days	Mon 11/13/17	Tue 12/12/17
733		3rd Floor penetration & fire inspection	2 days	Mon 11/6/17	Tue 11/7/17
734		Tape and texture	25 days	Mon 11/20/17	Thu 12/28/17
735		Hang doors & glass sliders	15 days	Wed 12/6/17	Thu 12/28/17
736		Run base and trim	12 days	Fri 12/15/17	Thu 1/4/18
737		Prime and paint	10 days	Wed 12/20/17	Fri 1/5/18
738		Ceramic Flooring in suites and restrooms	15 days	Wed 12/27/17	Wed 1/17/18
739		Acoustic ceiling grid at hallways and common areas	5 days	Mon 1/8/18	Fri 1/12/18
740		Electrical trim	20 days	Fri 12/29/17	Fri 1/26/18
741		Plumbing/ Sprinkler and Mechanical trim	20 days	Fri 12/29/17	Fri 1/26/18
742		Cabinets and tops	15 days	Wed 12/27/17	Wed 1/17/18
743		Door hardware	8 days	Mon 1/8/18	Wed 1/17/18
744		Hallway and common area equipment	4 days	Mon 1/15/18	Thu 1/18/18
745		Bathroom accessories	8 days	Mon 1/15/18	Wed 1/24/18
746		Window treatments	8 days	Mon 1/8/18	Wed 1/17/18
747		Above grid inspections	1 day	Mon 1/29/18	Mon 1/29/18
748		Acoustic ceiling panels	4 days	Tue 1/30/18	Fri 2/2/18
749		All Elevators completed	14 days	Mon 1/29/18	Thu 2/15/18
750		Flooring	20 days	Tue 1/30/18	Mon 2/26/18
751		Appliances & hook ups	10 days	Wed 2/14/18	Tue 2/27/18
752		FFE	10 days	Wed 2/14/18	Tue 2/27/18
753		Deficiency walk and repairs	3 days	Fri 2/23/18	Tue 2/27/18
754		Cleaning and balcony sealing	6 days	Wed 2/28/18	Wed 3/7/18
755					
756		<b>PHASE 2 Third Floor Suite Interiors</b>	<b>106 days</b>	<b>Wed 11/1/17</b>	<b>Wed 4/4/18</b>
757		Floor caulking	2 days	Wed 11/1/17	Thu 11/2/17
758		Framing and Z furring	20 days	Fri 11/3/17	Mon 12/4/17
759		Electrical & data / Plumbing / Mechanical rough in	25 days	Mon 11/13/17	Tue 12/19/17
760		Wire pulls	10 days	Wed 12/20/17	Fri 1/5/18

ID		Task Name	Duration	Start	Finish
761		Sprinkler system	18 days	Mon 11/13/17	Fri 12/8/17
762		Inspections	2 days	Wed 12/20/17	Thu 12/21/17
763		Caulking, Fire caulking, Sound proofing and roof insulation	8 days	Tue 12/26/17	Fri 1/5/18
764		Drywall	20 days	Fri 12/29/17	Fri 1/26/18
765		3rd Floor penetration & fire inspection	3 days	Wed 12/20/17	Tue 12/26/17
766		Tape and texture	25 days	Wed 1/10/18	Tue 2/13/18
767		Hang doors & glass sliders	15 days	Mon 1/22/18	Fri 2/9/18
768		Run base and trim	12 days	Mon 1/29/18	Tue 2/13/18
769		Prime and paint	10 days	Mon 2/5/18	Fri 2/16/18
770		Ceramic Flooring in suites and restrooms	15 days	Thu 2/8/18	Wed 2/28/18
771		Acoustic ceiling grid at hallways and common areas	5 days	Mon 2/19/18	Fri 2/23/18
772		Electrical trim	20 days	Thu 2/15/18	Wed 3/14/18
773		Plumbing/ Sprinkler and Mechanical trim	20 days	Thu 2/15/18	Wed 3/14/18
774		Cabinets and tops	15 days	Mon 2/12/18	Fri 3/2/18
775		Door hardware	8 days	Thu 2/22/18	Mon 3/5/18
776		Hallway and common area equipment	4 days	Mon 2/19/18	Thu 2/22/18
777		Bathroom accessories	8 days	Thu 2/22/18	Mon 3/5/18
778		Window treatments	8 days	Mon 2/19/18	Wed 2/28/18
779		Above grid inspections	1 day	Thu 3/15/18	Thu 3/15/18
780		Acoustic ceiling panels	4 days	Fri 3/16/18	Wed 3/21/18
781		Flooring	14 days	Thu 3/1/18	Tue 3/20/18
782		Appliances & hook ups	10 days	Thu 3/15/18	Wed 3/28/18
783		FFE	10 days	Thu 3/15/18	Wed 3/28/18
784		Deficiency walk and repairs	3 days	Mon 3/26/18	Wed 3/28/18
785		Cleaning and balcony sealing	5 days	Thu 3/29/18	Wed 4/4/18
786					
787		<b>Building B Cabana</b>	<b>6 days</b>	<b>Fri 10/27/17</b>	<b>Fri 11/3/17</b>
788		Concrete footing	3 days	Fri 10/27/17	Tue 10/31/17
789		Cabana frame	3 days	Wed 11/1/17	Fri 11/3/17
790					
791		<b>Pickleball Court</b>	<b>46 days</b>	<b>Thu 2/22/18</b>	<b>Thu 4/26/18</b>
792		Survey and Layout	1 day	Thu 2/22/18	Thu 2/22/18
793		Grading	1 day	Fri 2/23/18	Fri 2/23/18
794		Court construction	15 days	Mon 2/26/18	Fri 3/16/18
795		Lighting Bases	2 days	Mon 3/19/18	Tue 3/20/18
796		Fencing	5 days	Wed 3/21/18	Tue 3/27/18
797		Exterior Lighting	2 days	Wed 3/28/18	Thu 3/29/18
798		Sidewalks	5 days	Fri 3/30/18	Thu 4/5/18
799		Striping	1 day	Fri 4/6/18	Fri 4/6/18
800		Net	1 day	Mon 4/9/18	Mon 4/9/18
801		Seating	1 day	Tue 4/10/18	Tue 4/10/18
802		Landscaping	10 days	Wed 4/11/18	Tue 4/24/18
803		Power on	2 days	Wed 4/25/18	Thu 4/26/18
804					
805		<b>Bocce Ball Court</b>	<b>77 days</b>	<b>Fri 12/1/17</b>	<b>Thu 3/22/18</b>
806		Survey and Layout	2 days	Fri 2/23/18	Mon 2/26/18
807		UG water and electrical	4 days	Tue 2/27/18	Fri 3/2/18
808		Concrete Curbing and walks	3 days	Tue 2/27/18	Thu 3/1/18
809		Topping	15 days	Tue 2/27/18	Mon 3/19/18
810		Seating	3 days	Tue 3/20/18	Thu 3/22/18
811		Cabana	5 days	Fri 3/2/18	Thu 3/8/18
812		Trim electrical	2 days	Fri 3/9/18	Mon 3/12/18
813		Landscaping	10 days	Fri 12/1/17	Thu 12/14/17
814					
815		<b>Putting Green</b>	<b>47 days</b>	<b>Fri 2/23/18</b>	<b>Mon 4/30/18</b>
816		Survey and Layout	3 days	Fri 2/23/18	Tue 2/27/18
817		Grading	2 days	Wed 2/28/18	Thu 3/1/18
818		Turf Base	4 days	Fri 3/2/18	Wed 3/7/18
819		Turf & Cups	2 days	Tue 4/17/18	Wed 4/18/18
820		Perimeter Landscaping	10 days	Tue 4/17/18	Mon 4/30/18
821					
822		<b>Dog Wash / Park</b>	<b>317 days</b>	<b>Tue 1/17/17</b>	<b>Mon 4/16/18</b>
823		Survey and layout	1 day	Fri 2/23/18	Fri 2/23/18
824		UG water line	4 days	Mon 2/26/18	Thu 3/1/18
825		UG electrical conduits	2 days	Fri 3/2/18	Mon 3/5/18
826		Concrete slab	3 days	Tue 3/6/18	Thu 3/8/18
827		Masonry	1 day	Fri 3/9/18	Fri 3/9/18
828		Concrete caps and walks	3 days	Mon 3/12/18	Wed 3/14/18
829		Cabana	5 days	Tue 1/17/17	Mon 1/23/17
830		Trim Plumbing	1 day	Tue 1/24/17	Tue 1/24/17
831		Trim electrical	2 days	Wed 1/25/17	Thu 1/26/17
832		Fencing	4 days	Wed 3/28/18	Mon 4/2/18
833		Landscaping	10 days	Tue 4/3/18	Mon 4/16/18
834					
835		<b>Pool / Spa</b>	<b>49 days</b>	<b>Fri 9/22/17</b>	<b>Fri 12/1/17</b>
836		Survey and layout	1 day	Fri 9/22/17	Fri 9/22/17









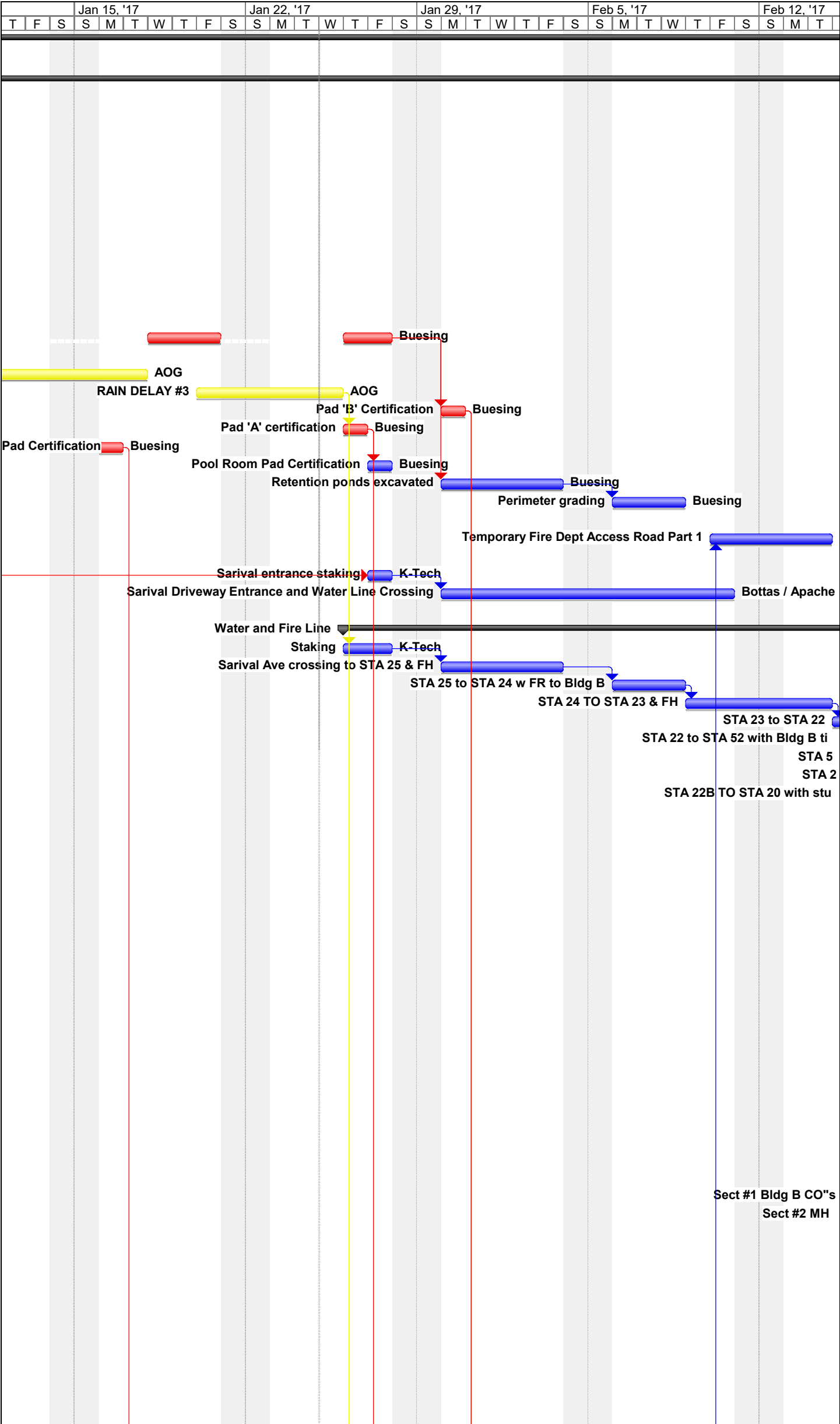


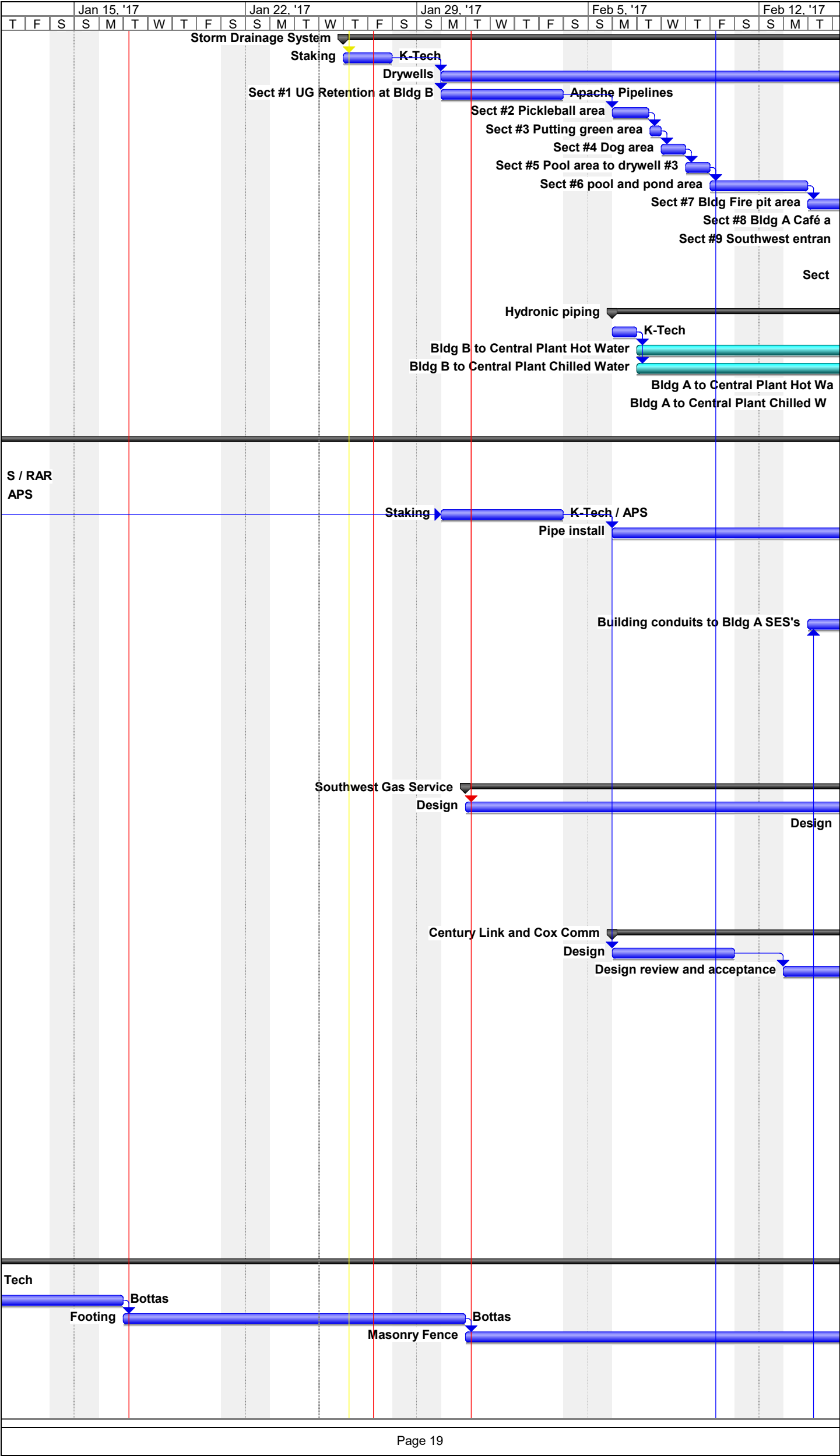






		Dec 11, '16								Dec 18, '16								Dec 25, '16								Jan 1, '17								Jan 8, '17			
F	S	S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W









**Pool Building**

- Staking and layout
- Footing excavations
- Compaction test
- Rebar placem
- Grounding placem
- Insp

**Elevator Pit**

- Survey and Layout
- Footing Excavations
- Reinforcement Placement
- Grounding
- Inspection/Footing, Uffer
- Pour Footings
- Elevator Pit Excavations
- Compaction Testing
- Elevator Footing and Steel

**Resources:** K Tech, Bottas, Hawkeye, CoS / Speedie, Bottas





Jan 15, '17

Jan 22, '17

Jan 29, '17

Feb 5, '17

Feb 12, '17

T F S S M T W T F S S M T W T F S S M T W T F S S M T

Bldg A Schedule

Building A to slab

Survey and layout

Footing Excavations

Compaction testing

Reinforcement Placement

Elevator excavations

Compaction testing

K-Tech

Bottas

Speedie

Bottas

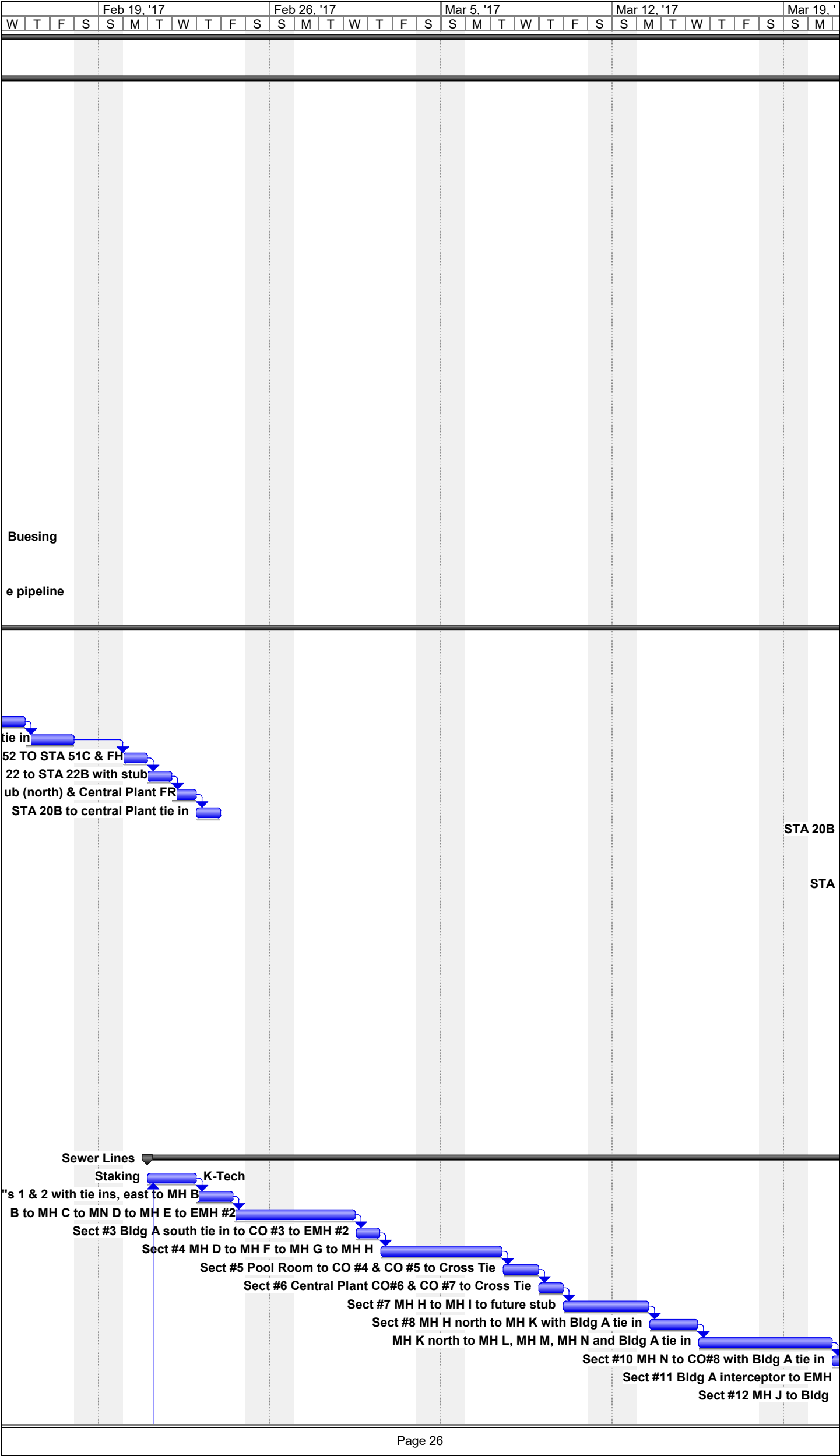
Speedie

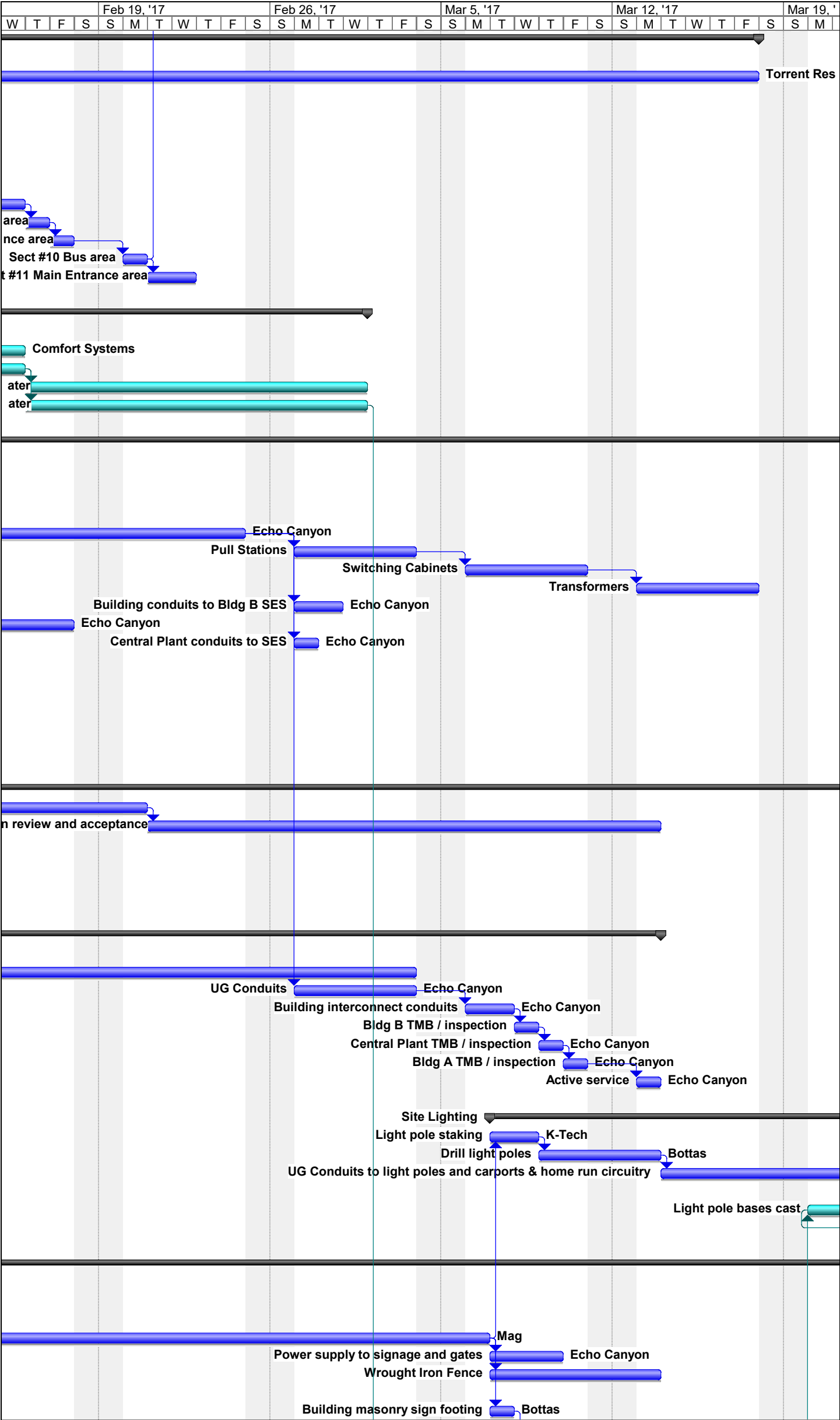
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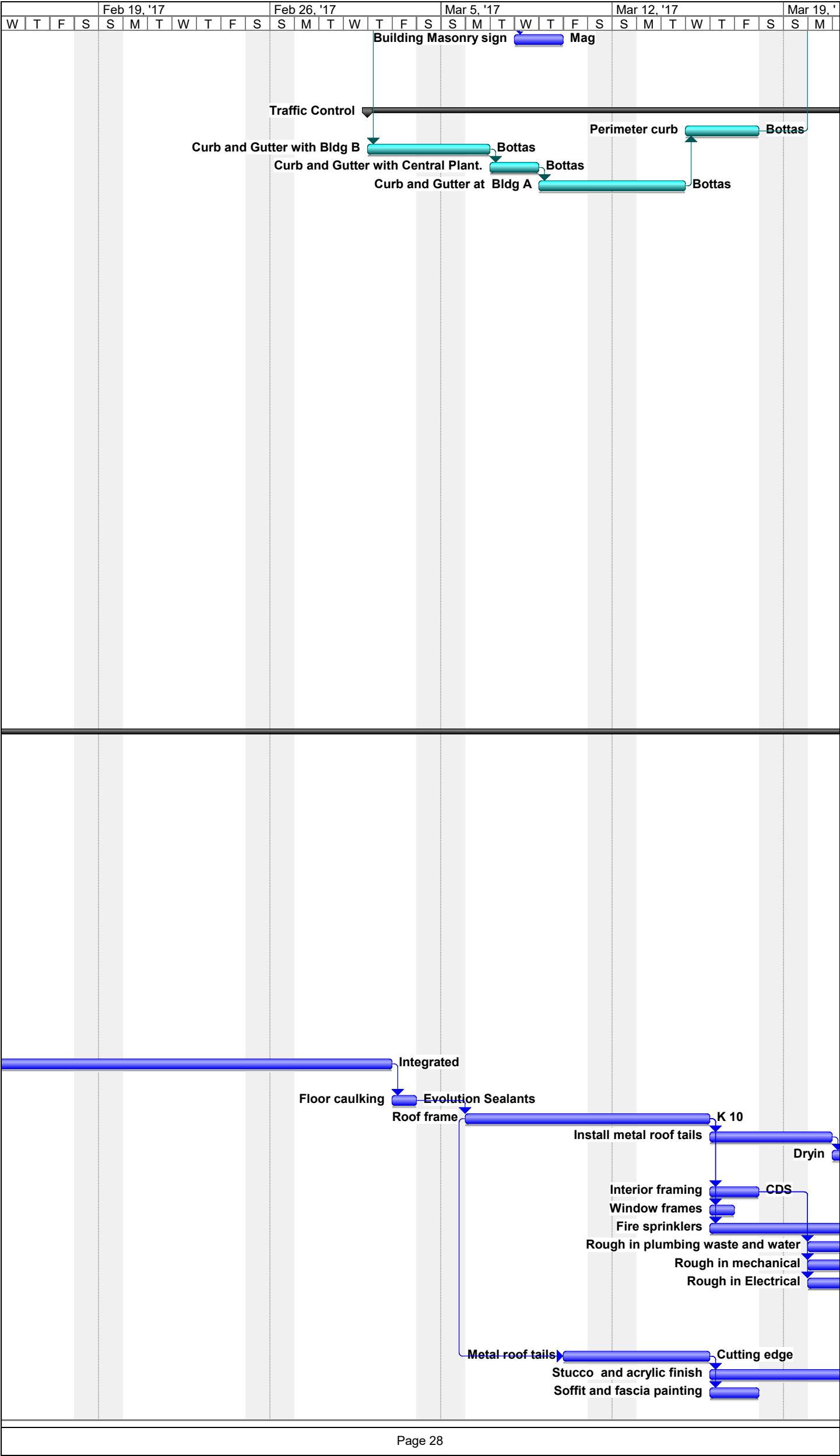




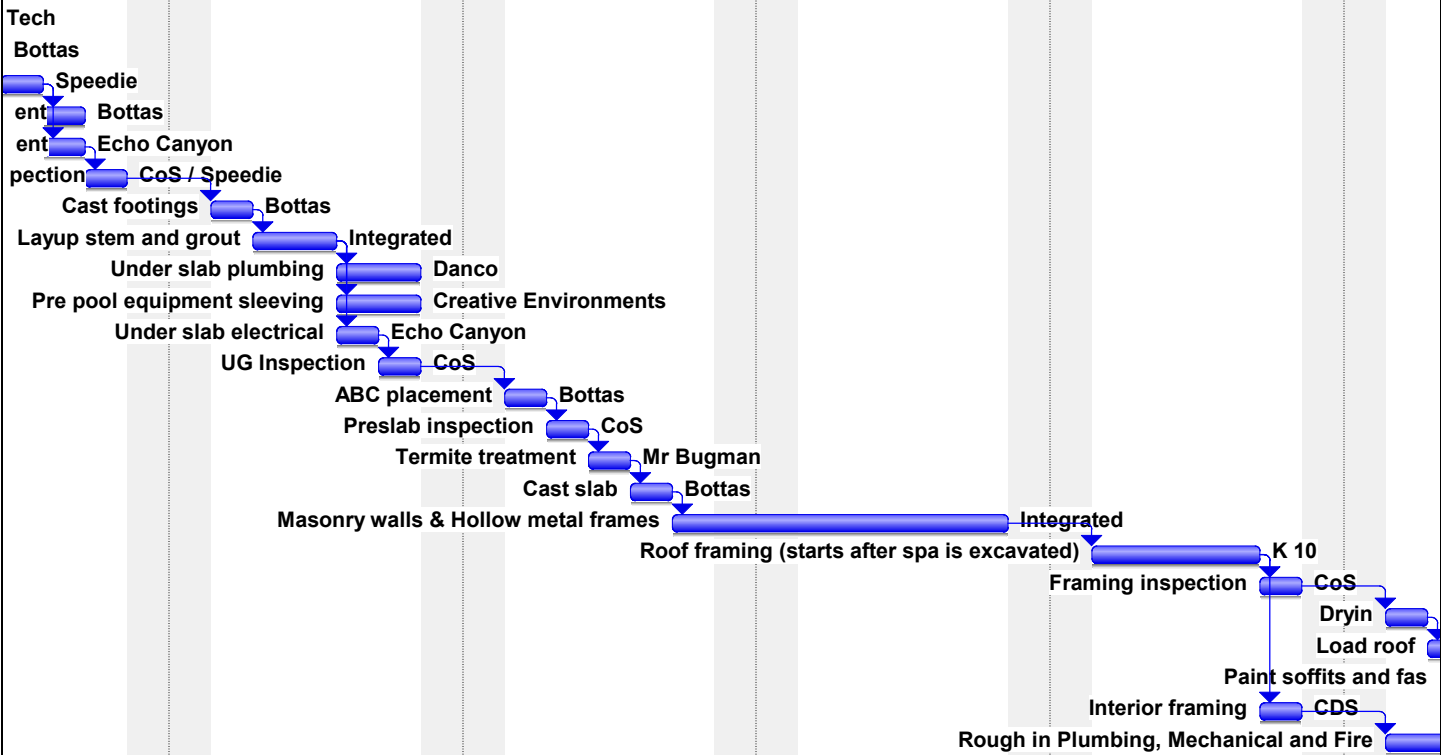




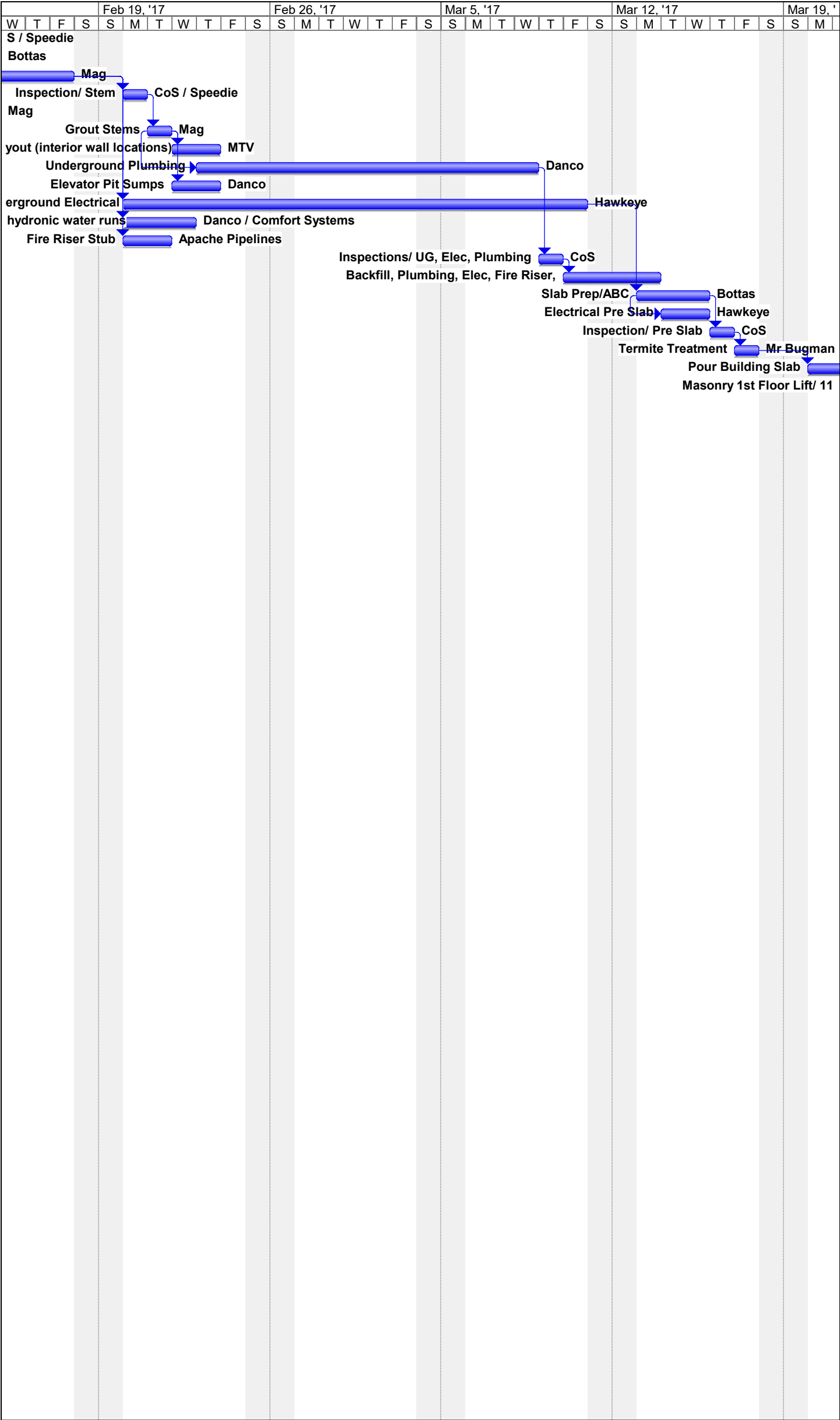




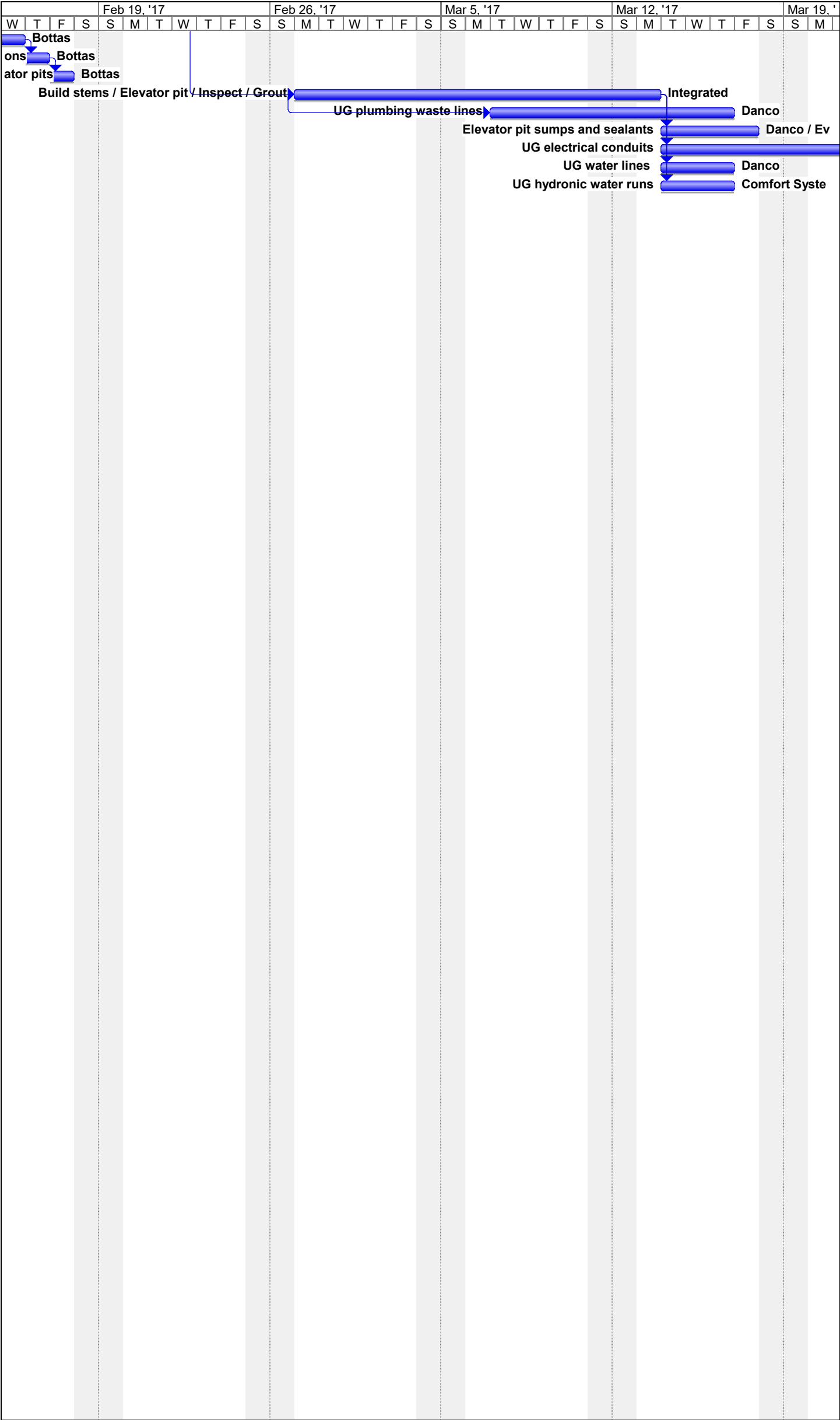
				Feb 19, '17							Feb 26, '17							Mar 5, '17							Mar 12, '17							Mar 19, '17	
W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M





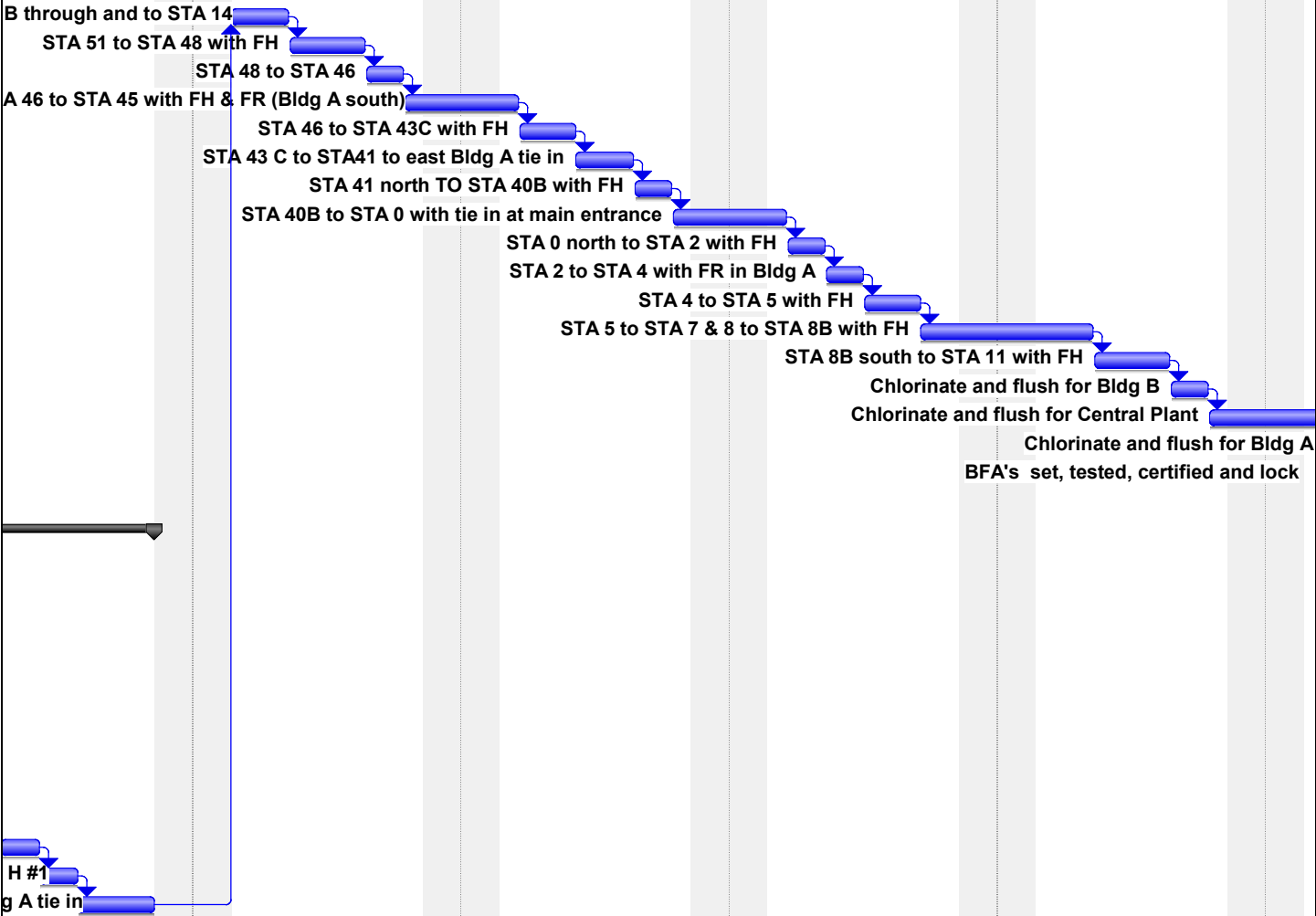


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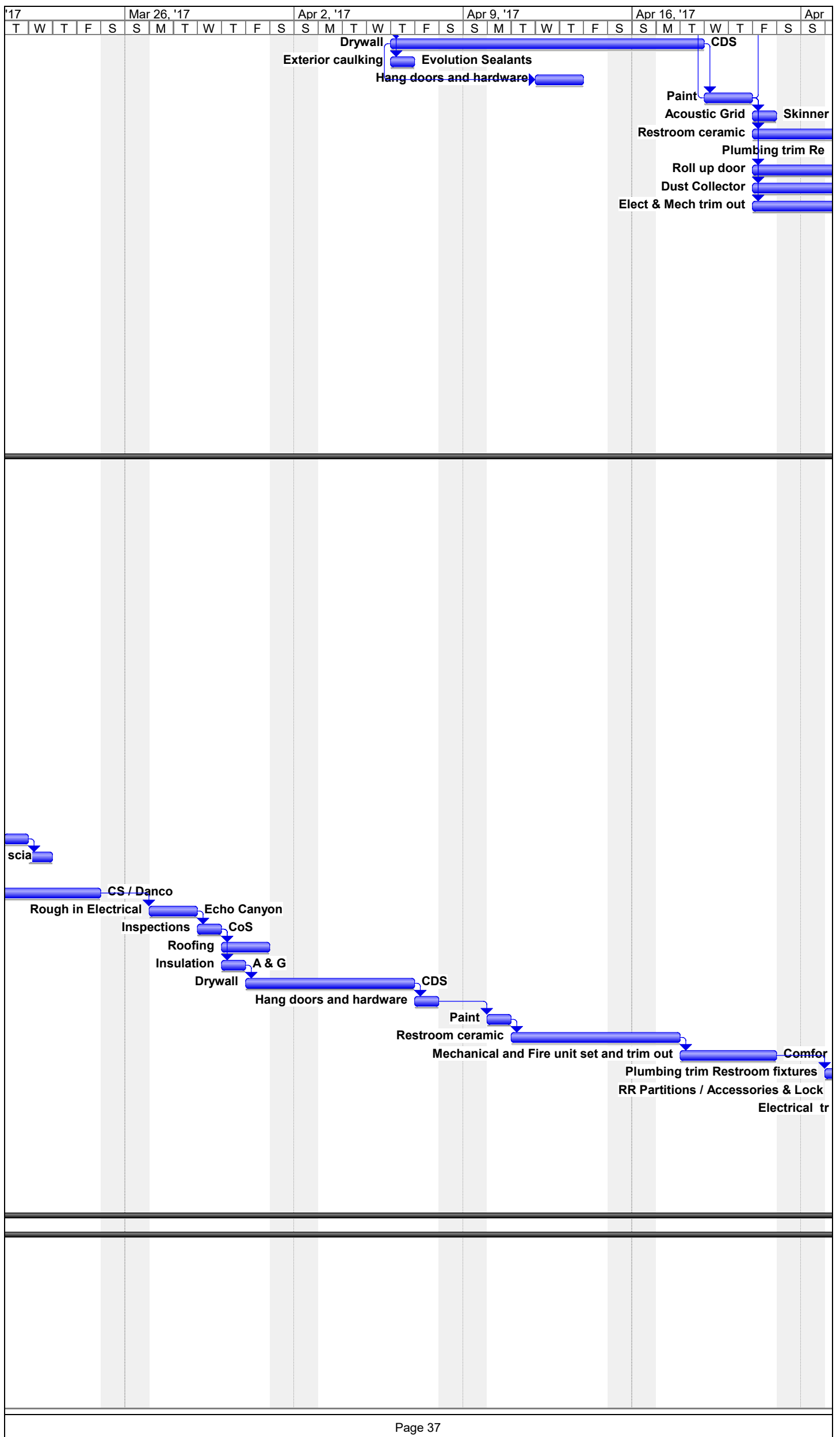


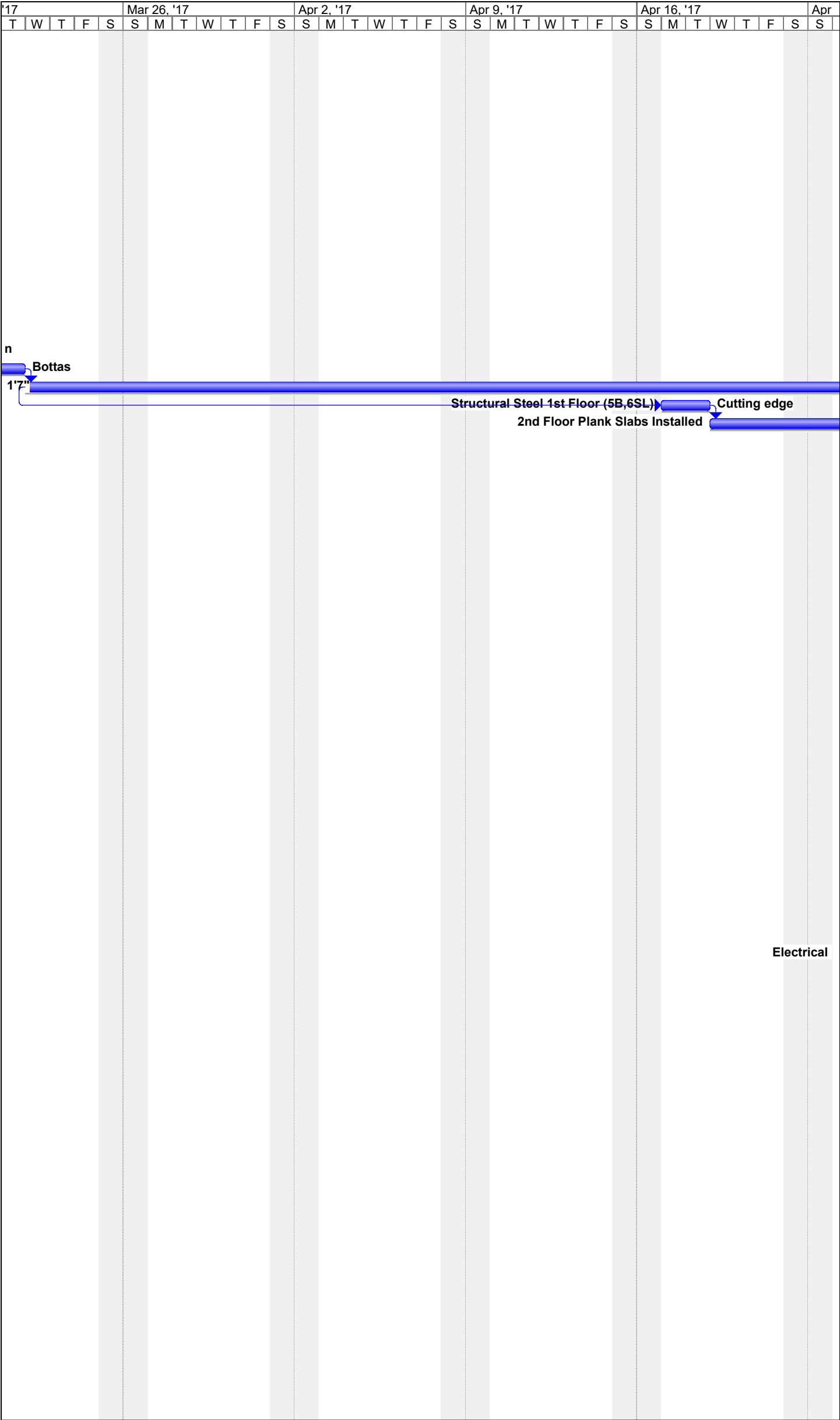


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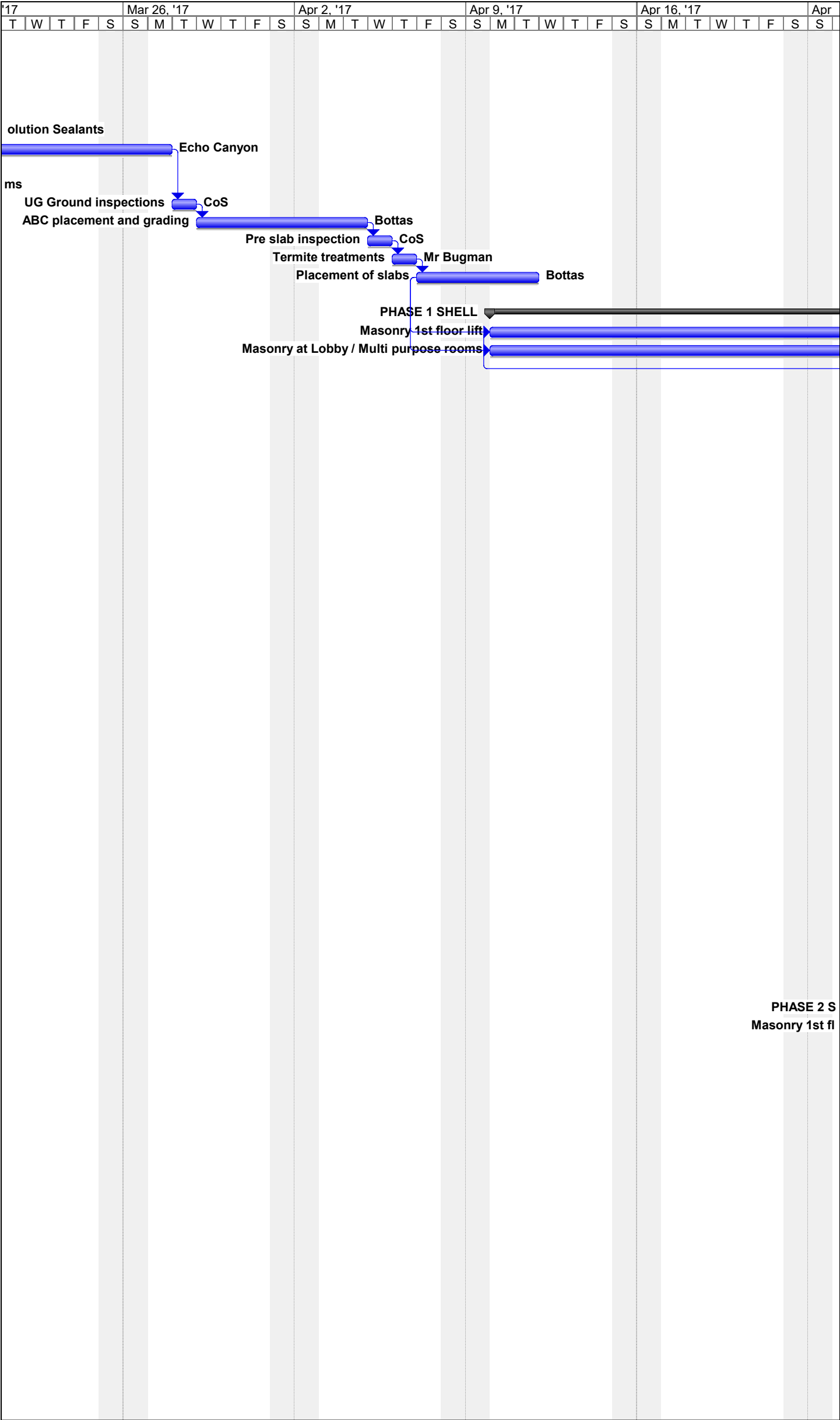














23, '17							Apr 30, '17							May 7, '17							May 14, '17							May 21, '17						
M	T	W	T	F	S		S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S



Temporary Fire Dept Access Road Part 2



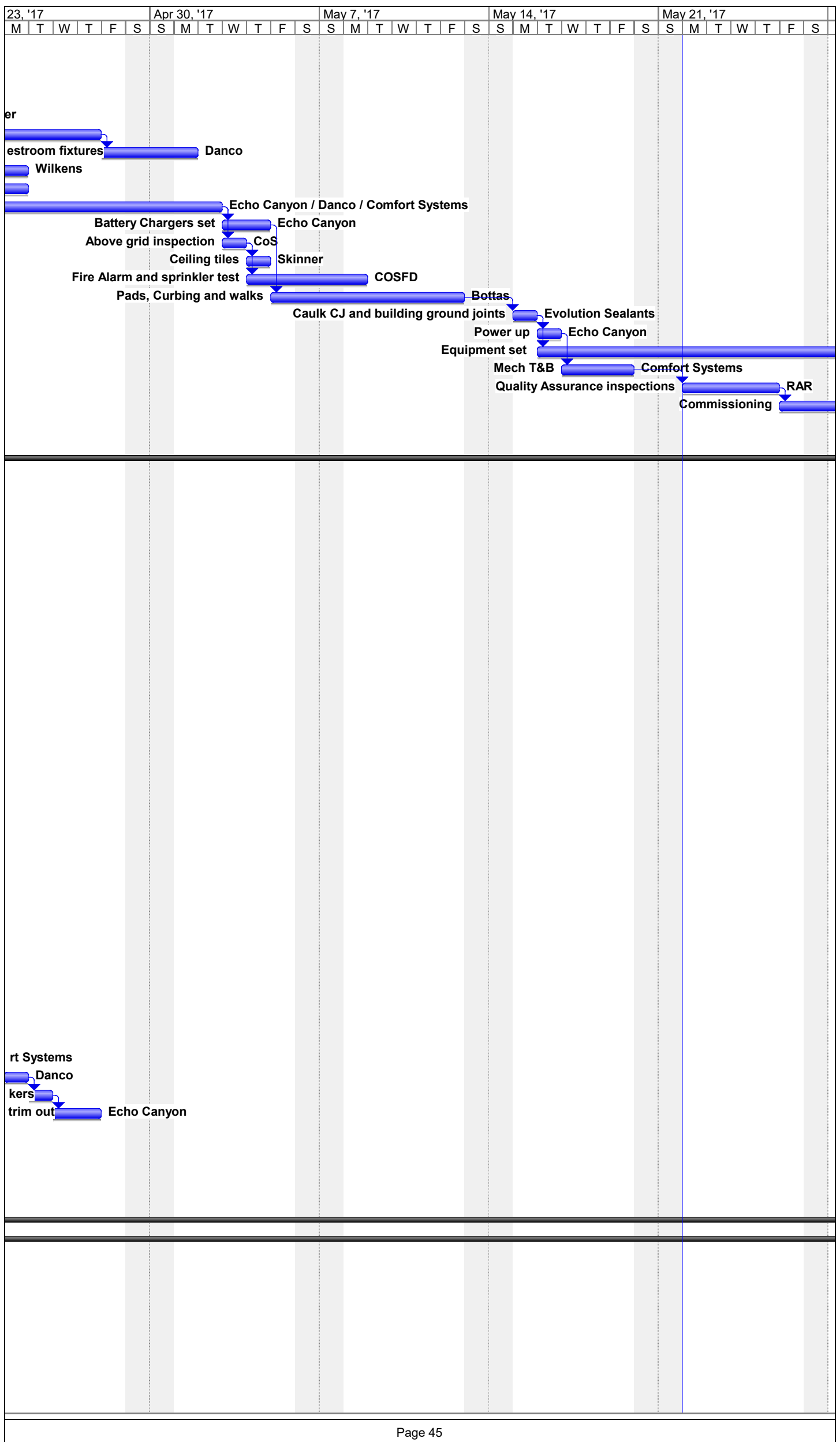
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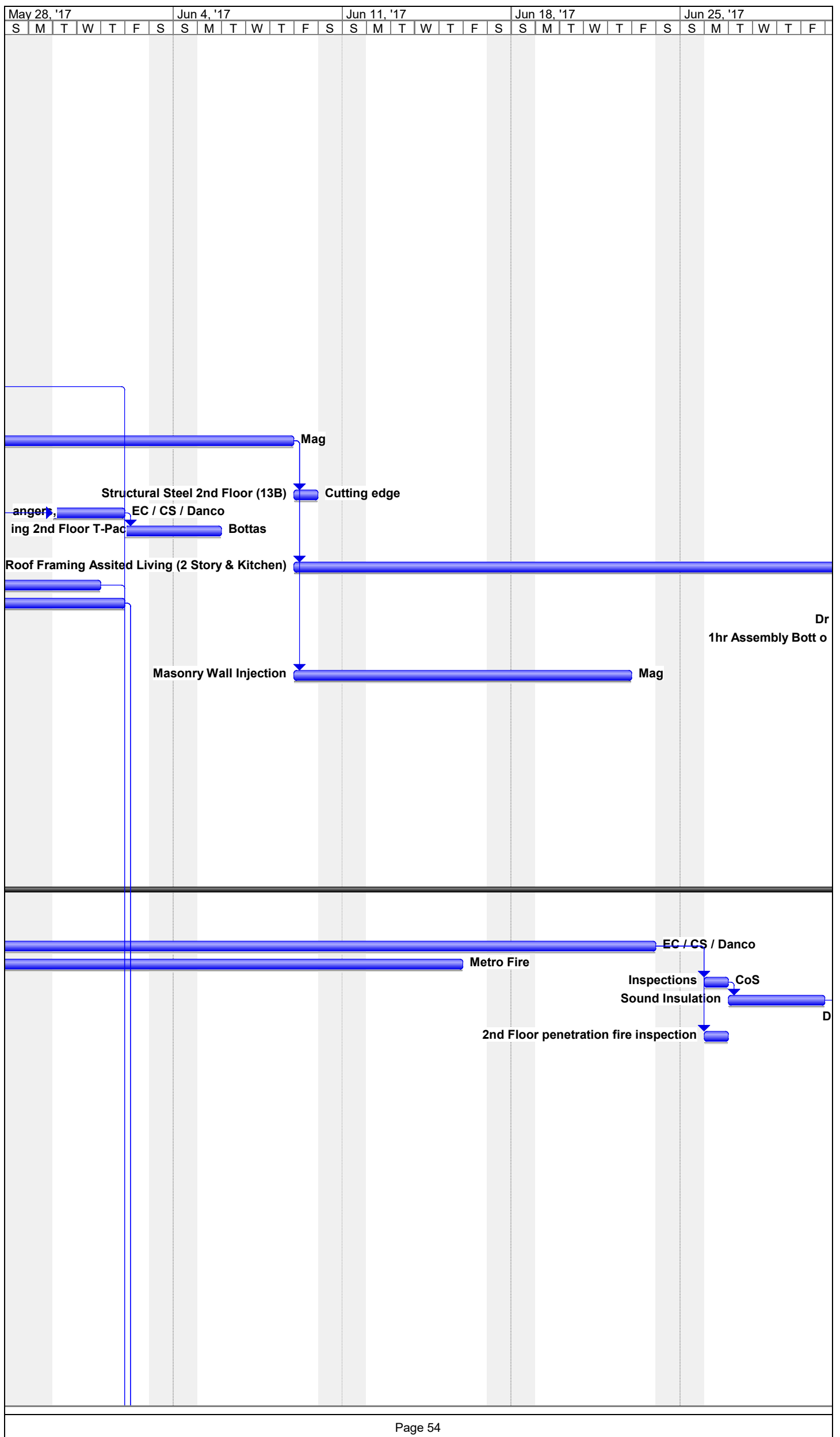


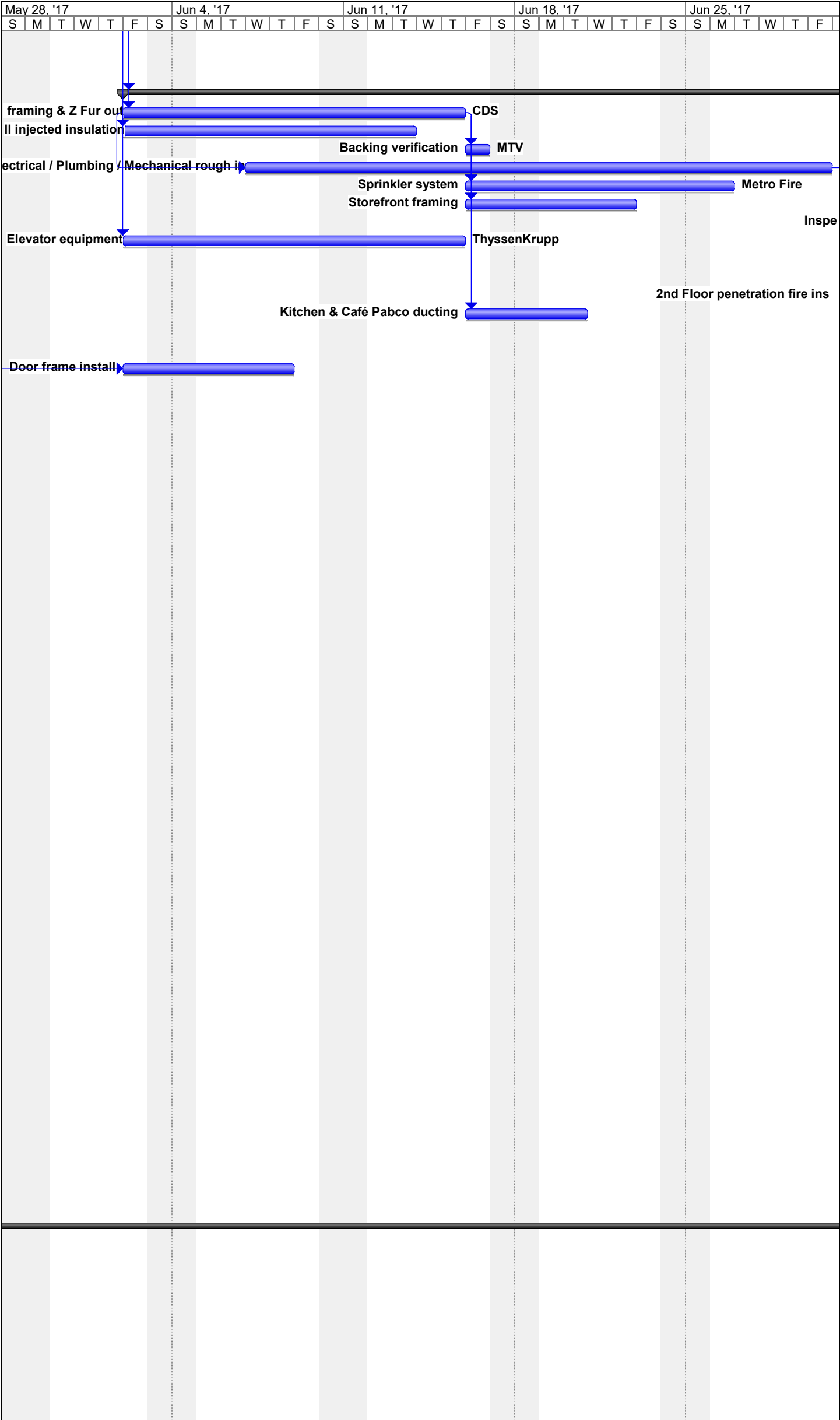














May 28, '17  
S M T W T F S

Jun 4, '17  
S M T W T F S

Jun 11, '17  
S M T W T F S

Jun 18, '17  
S M T W T F S

Jun 25, '17  
S M T W T F S

2nd Floor Stairway installation

T-Pac

Concrete at stairways

Cutting

Integrated

Z Furring

A & G

2nd Floor masonry walls

1st Floor roof framing and Atti

ural steel beam

Cutting edge

2nd Floor Plank slabs installed

Integrated

Stairway insta

1st Floor Masonry wall inj

2nd Floor masonry

Page 56





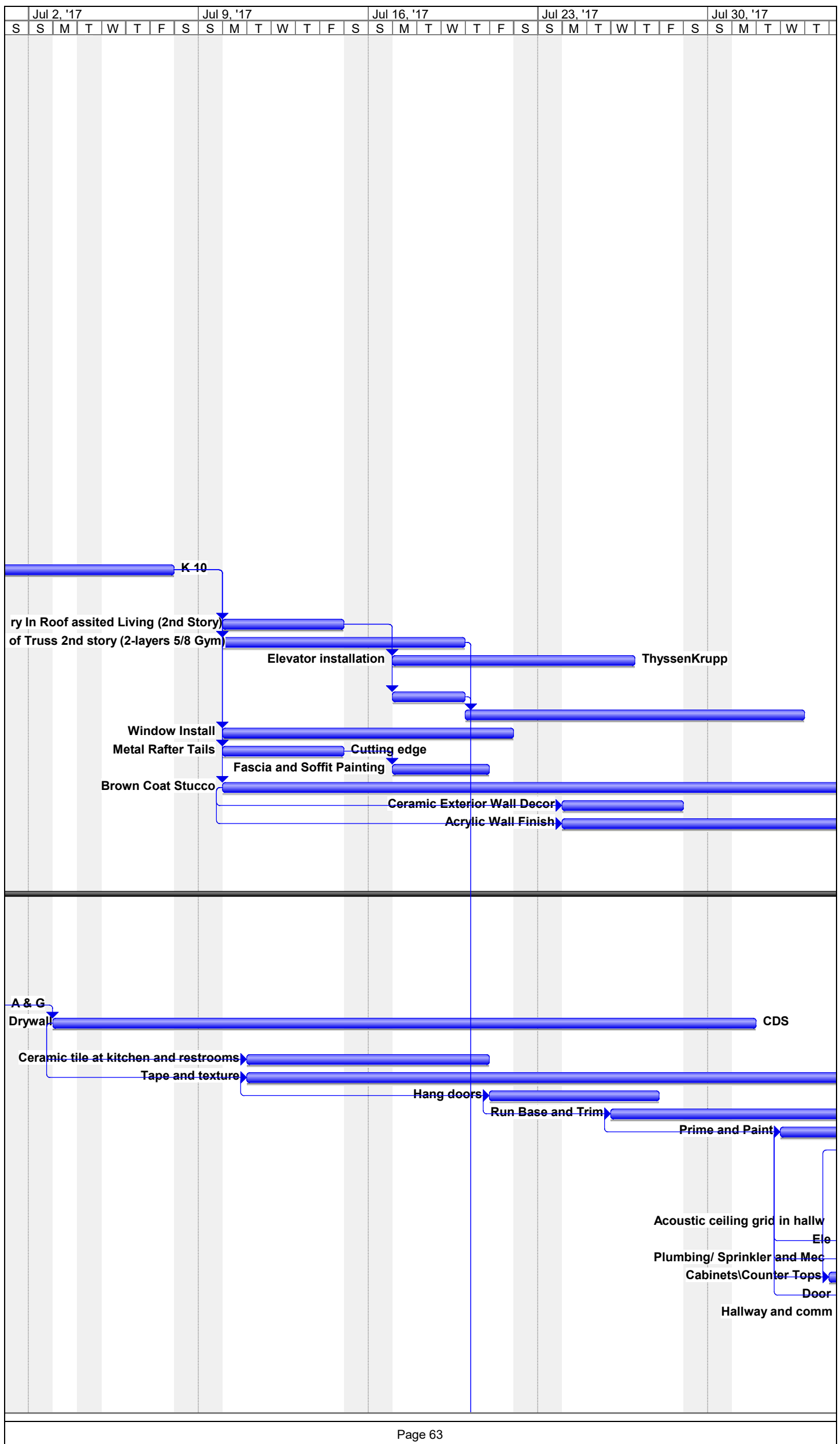
Jul 2, '17								Jul 9, '17								Jul 16, '17								Jul 23, '17								Jul 30, '17							
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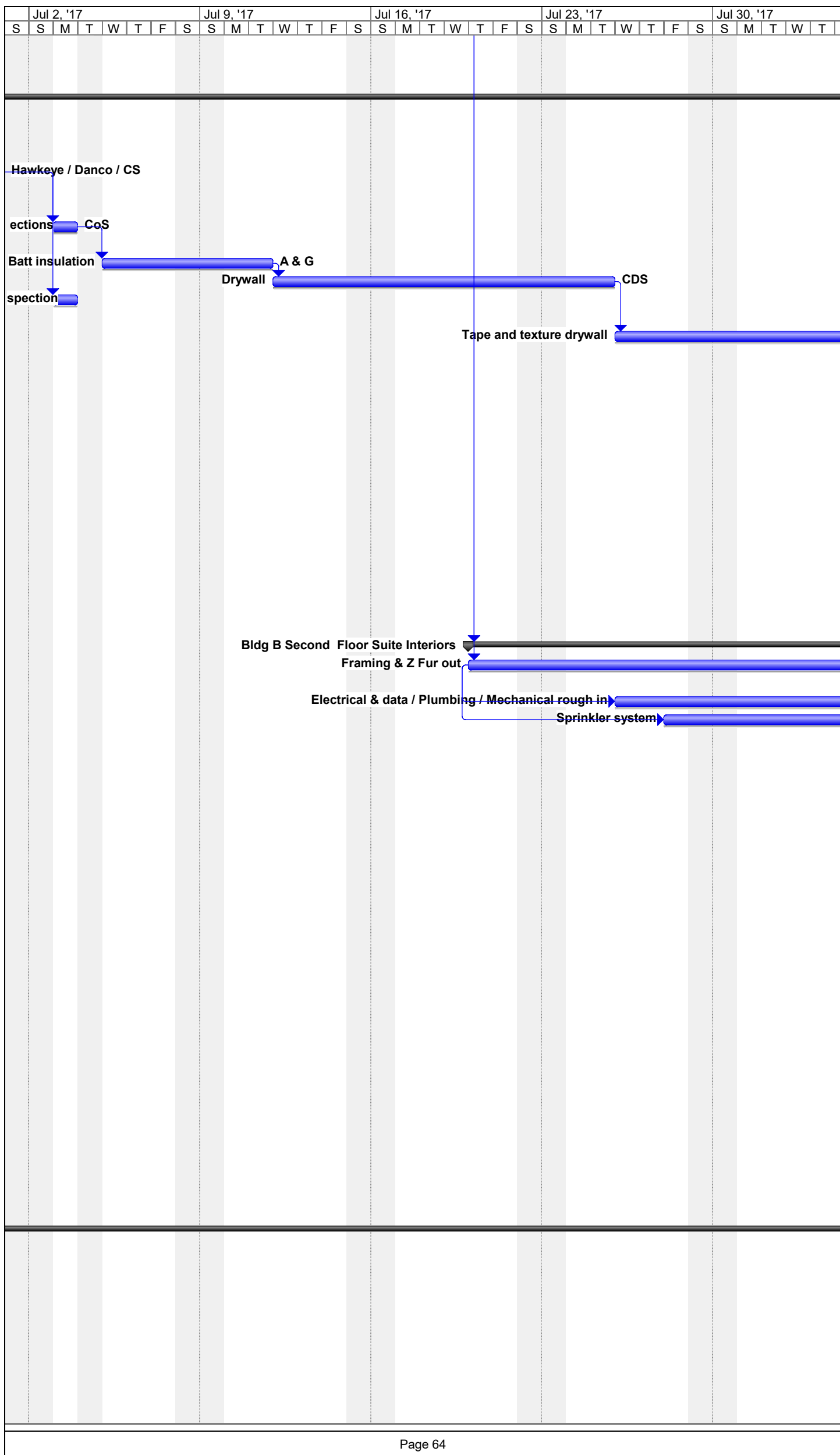




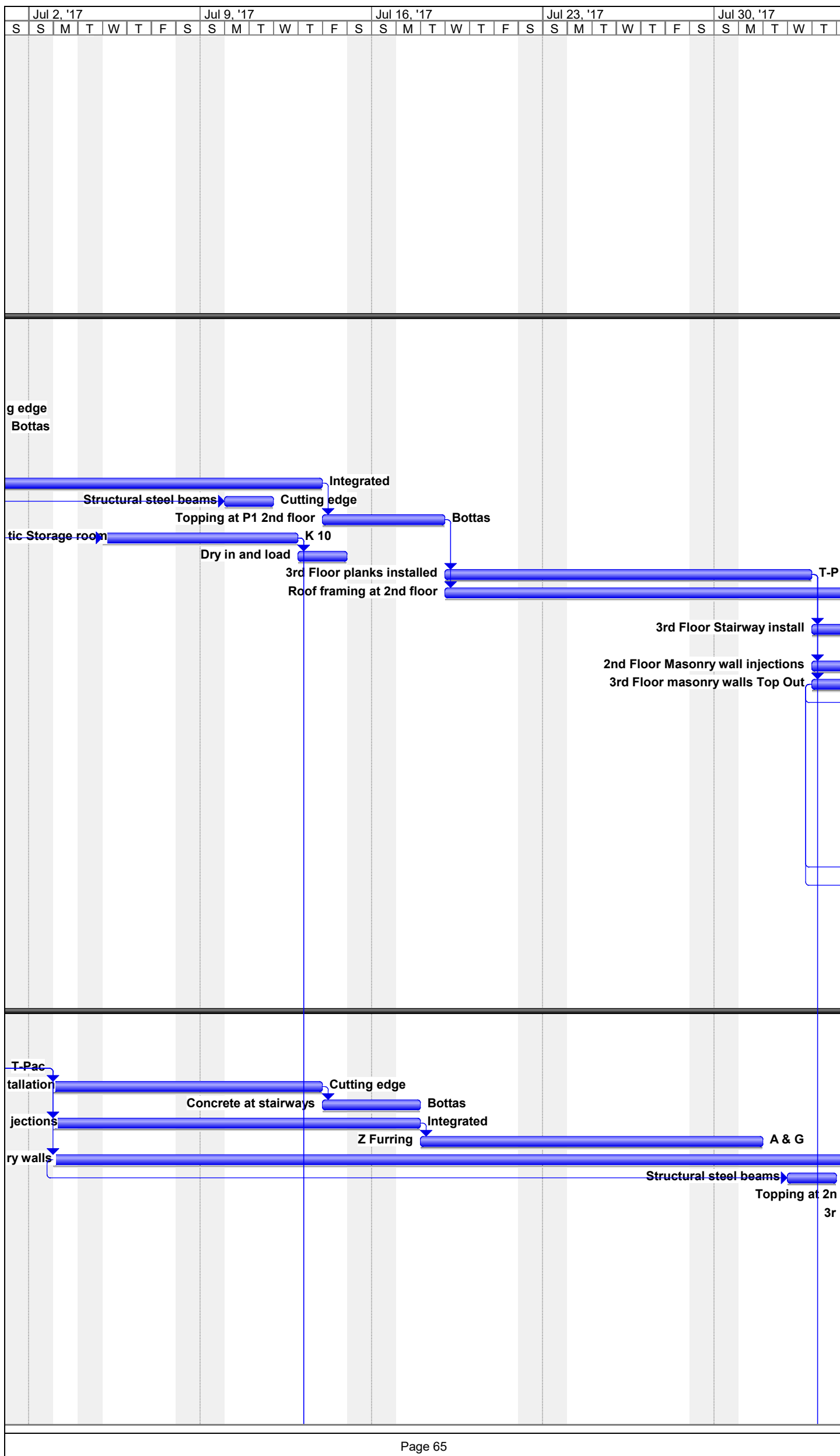
Jul 2, '17								Jul 9, '17								Jul 16, '17								Jul 23, '17								Jul 30, '17					
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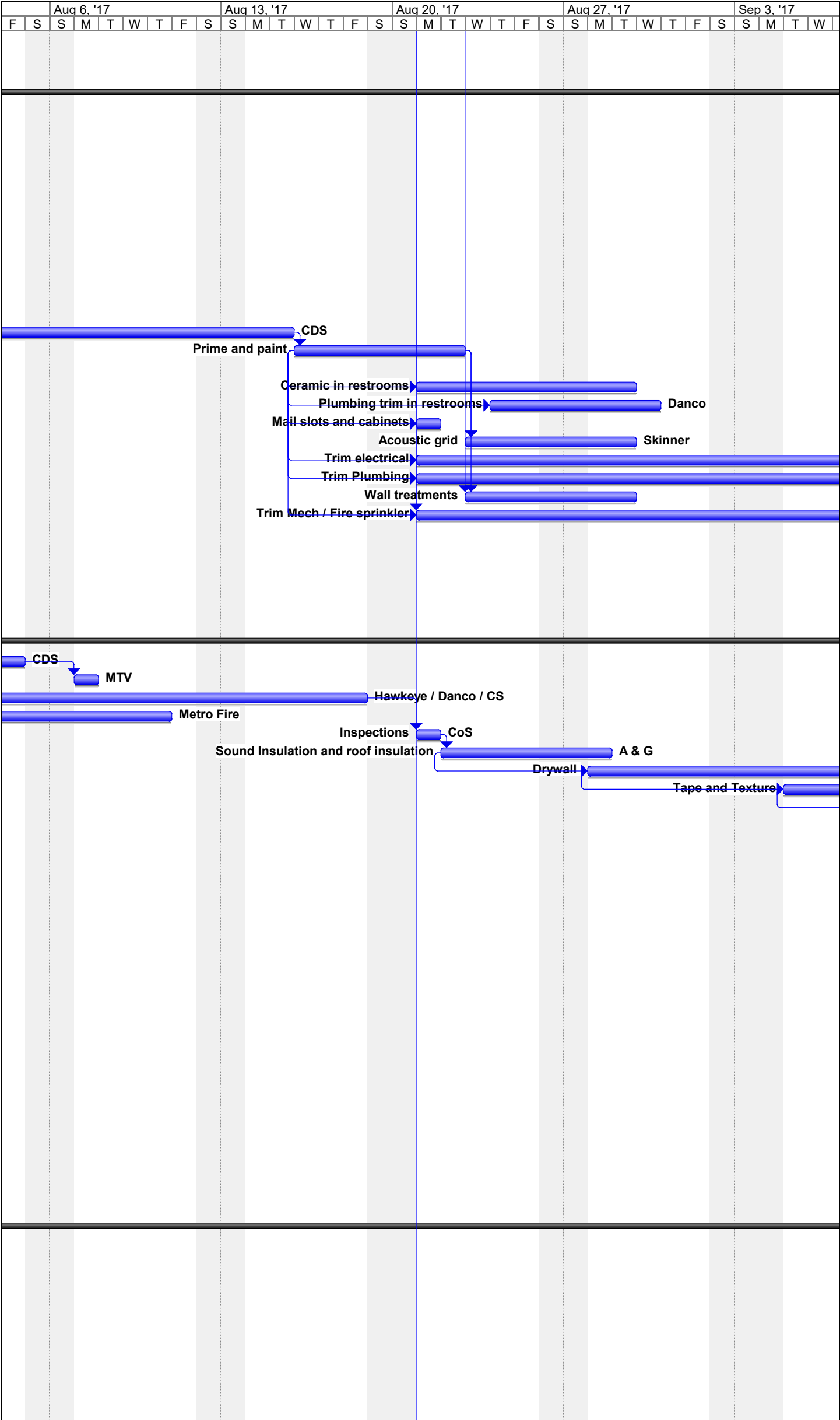


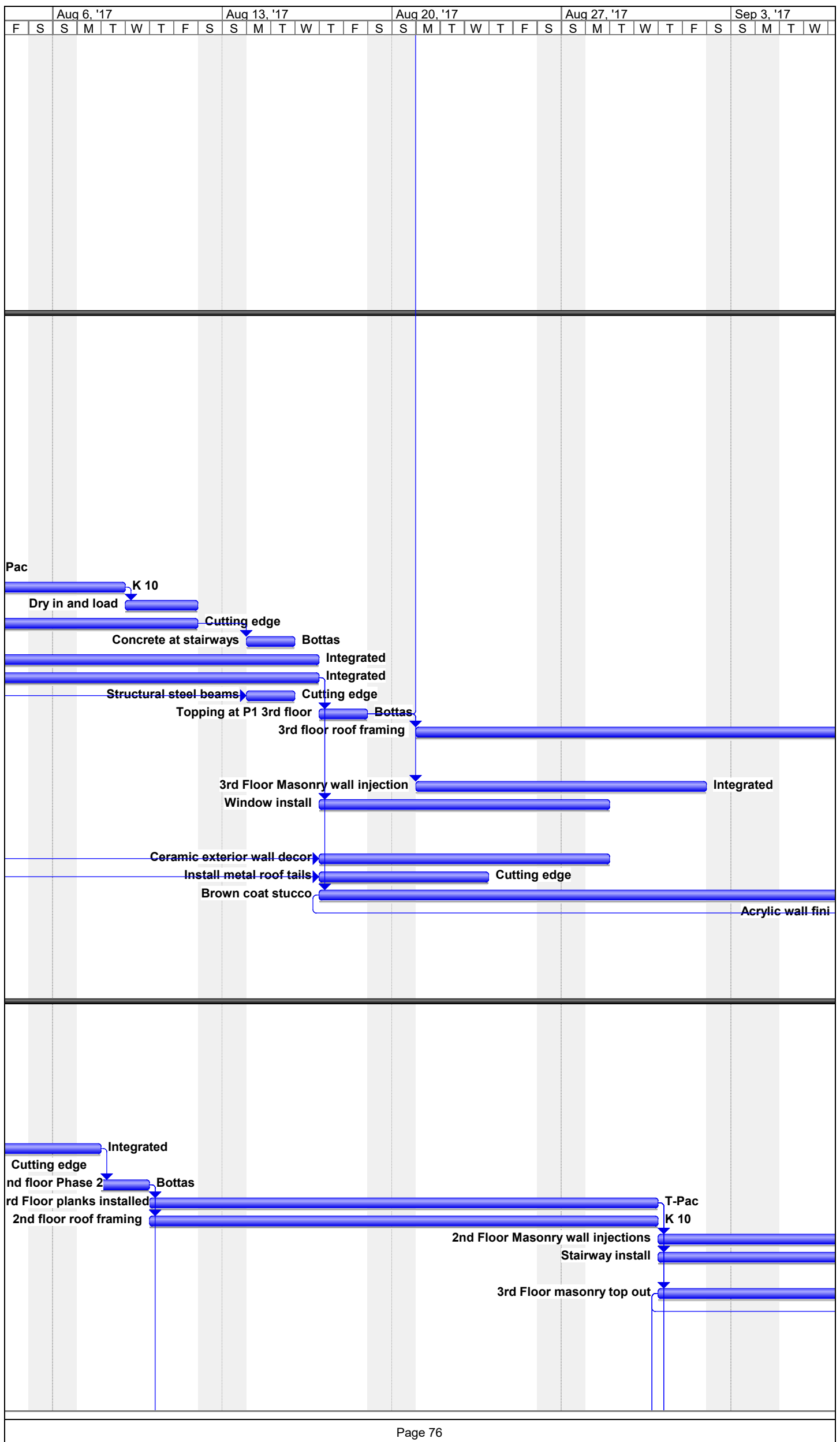


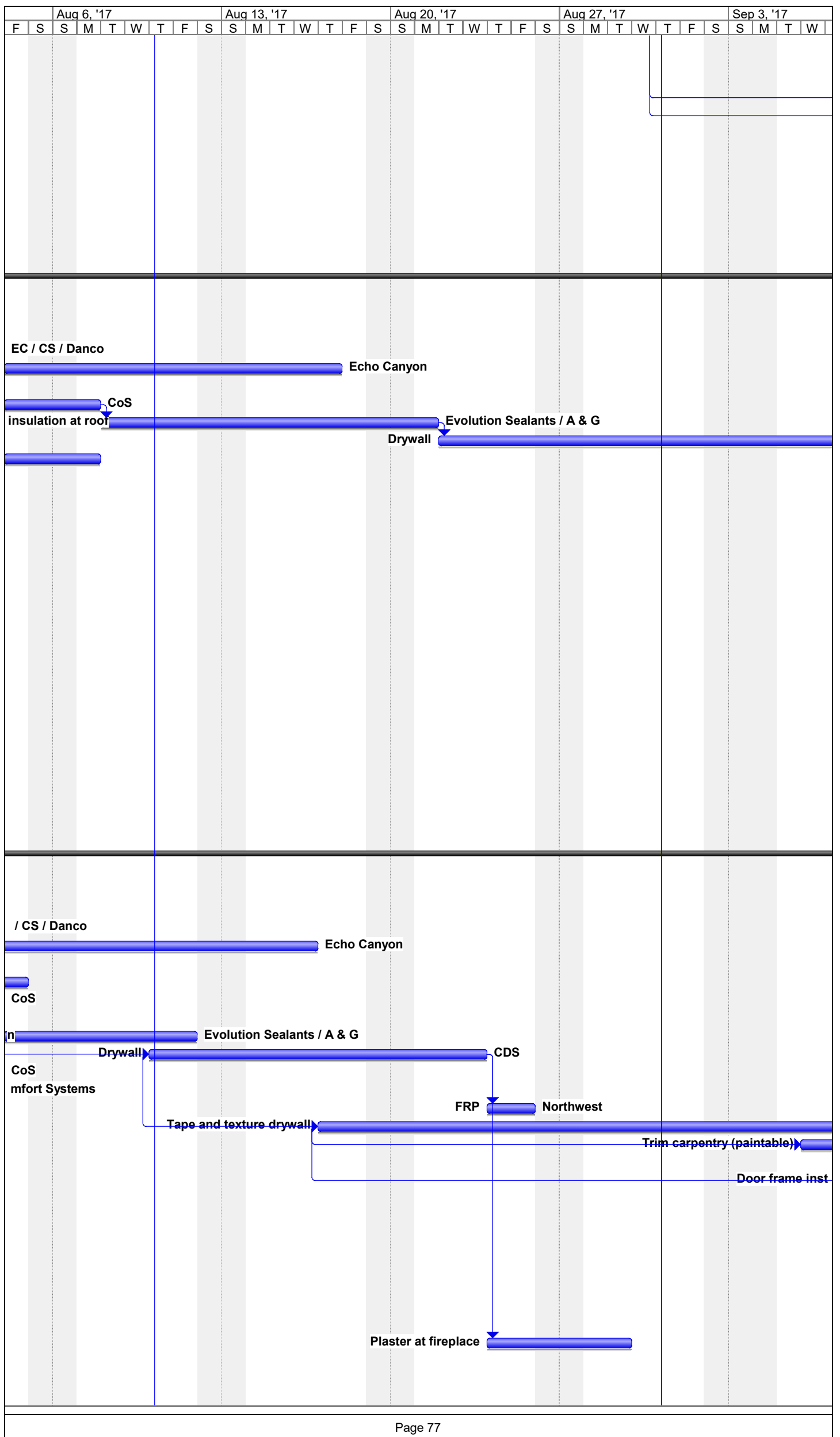




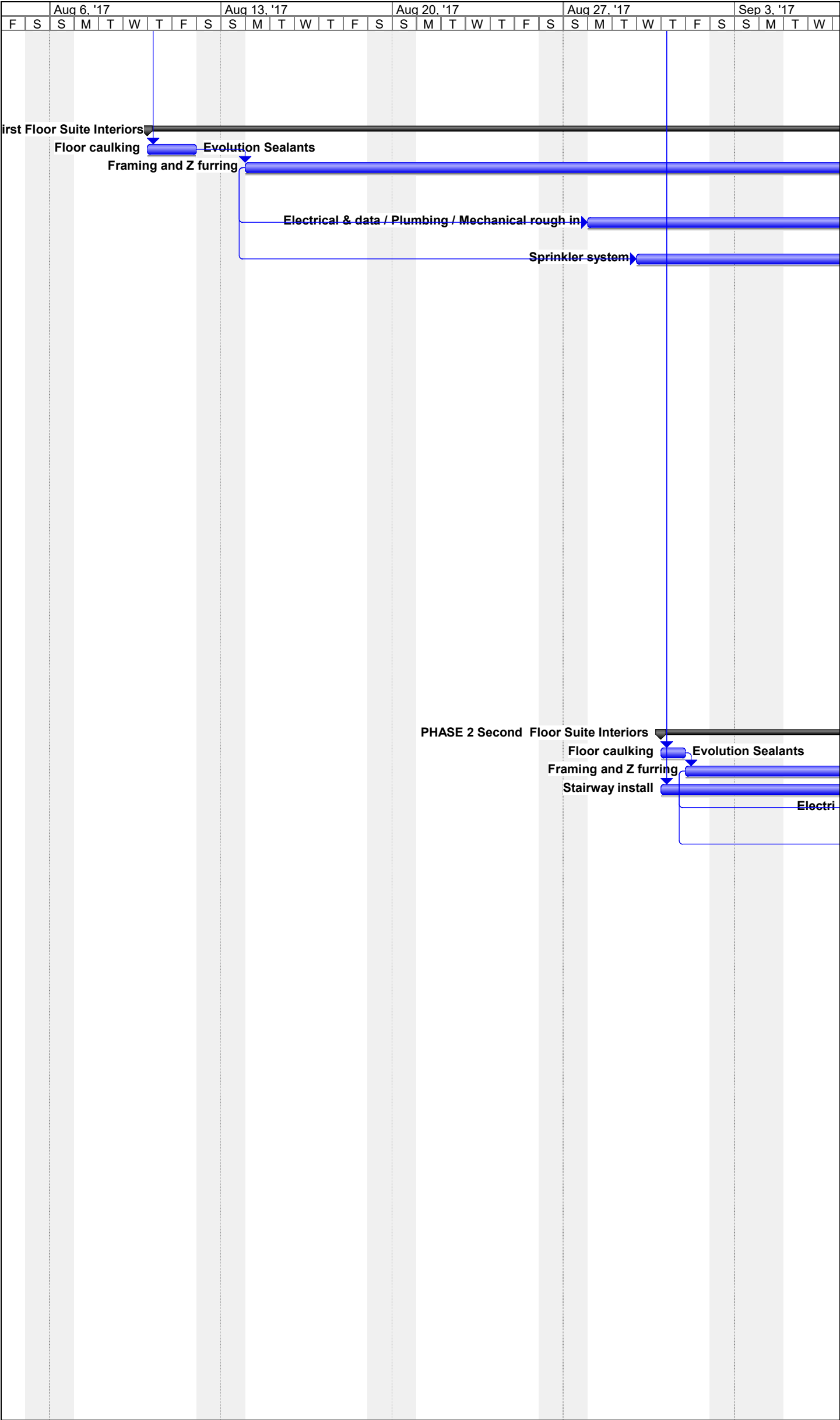










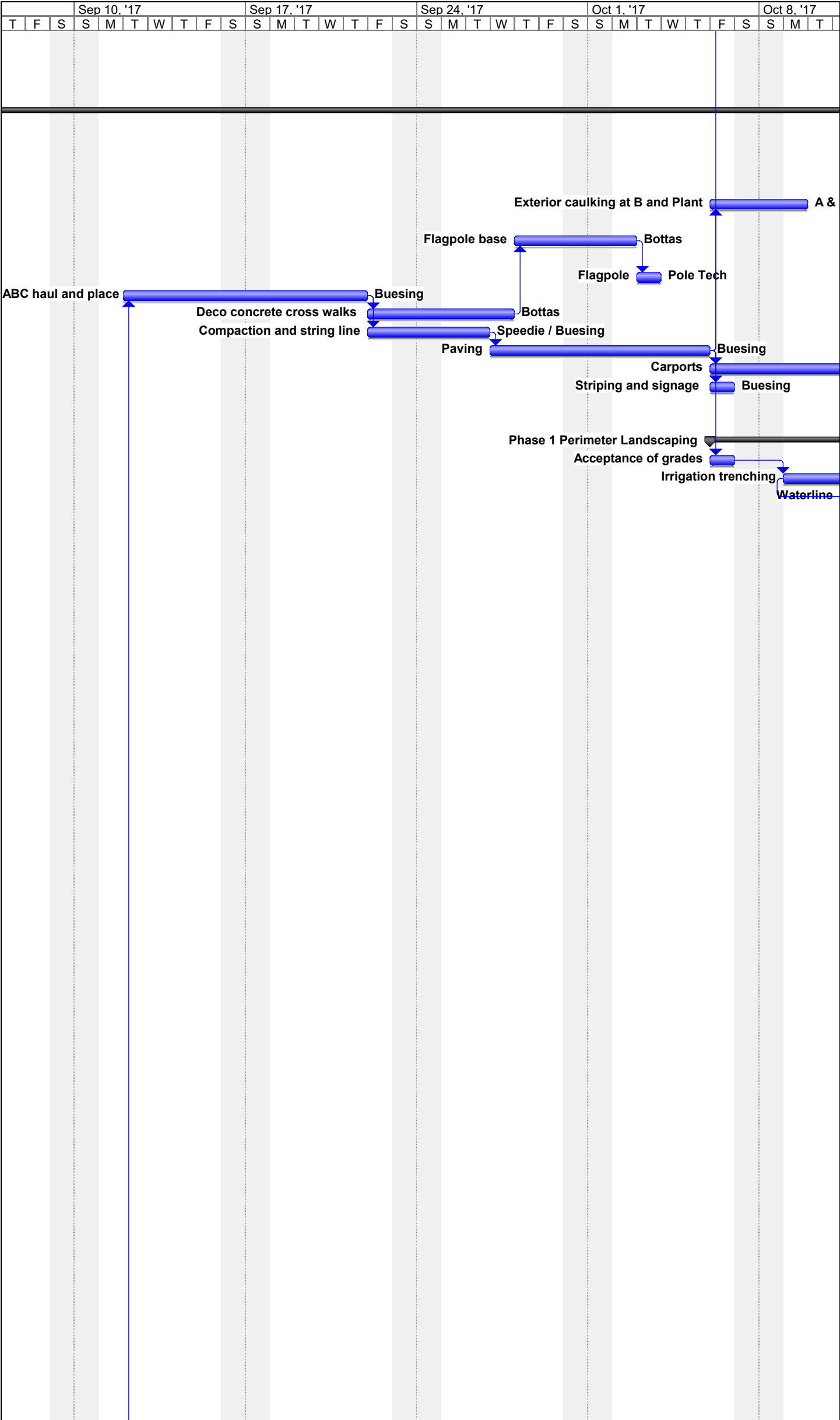


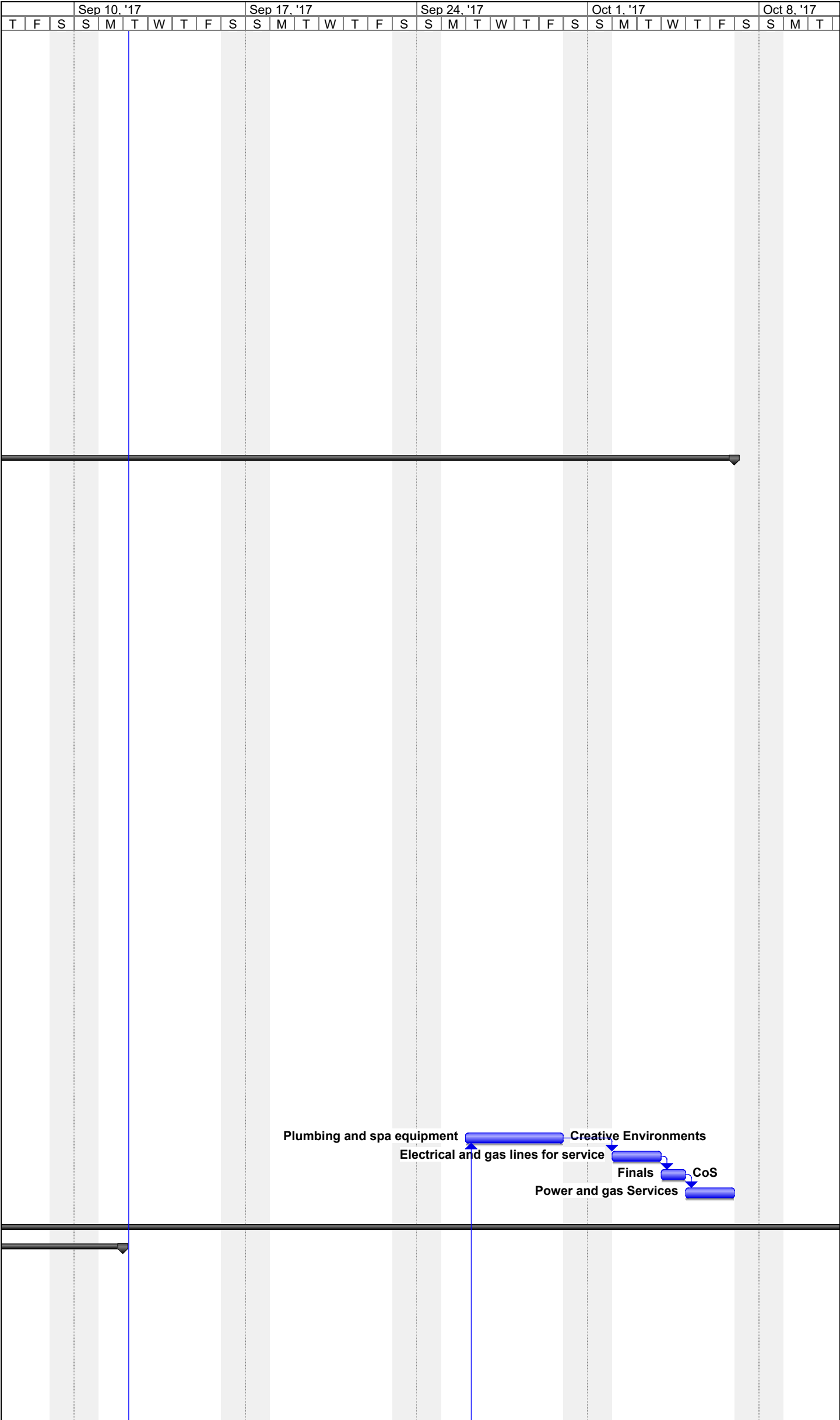






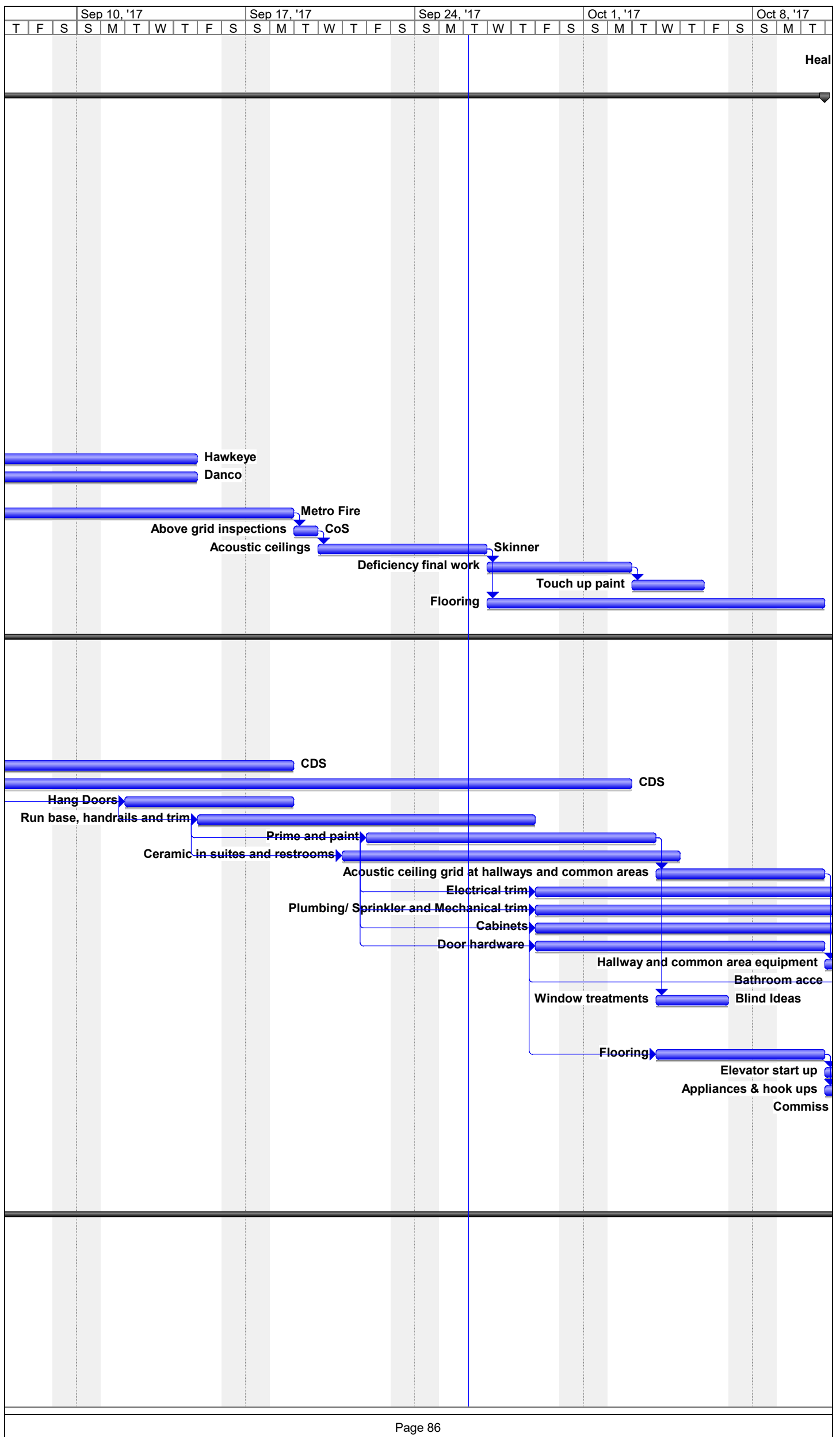


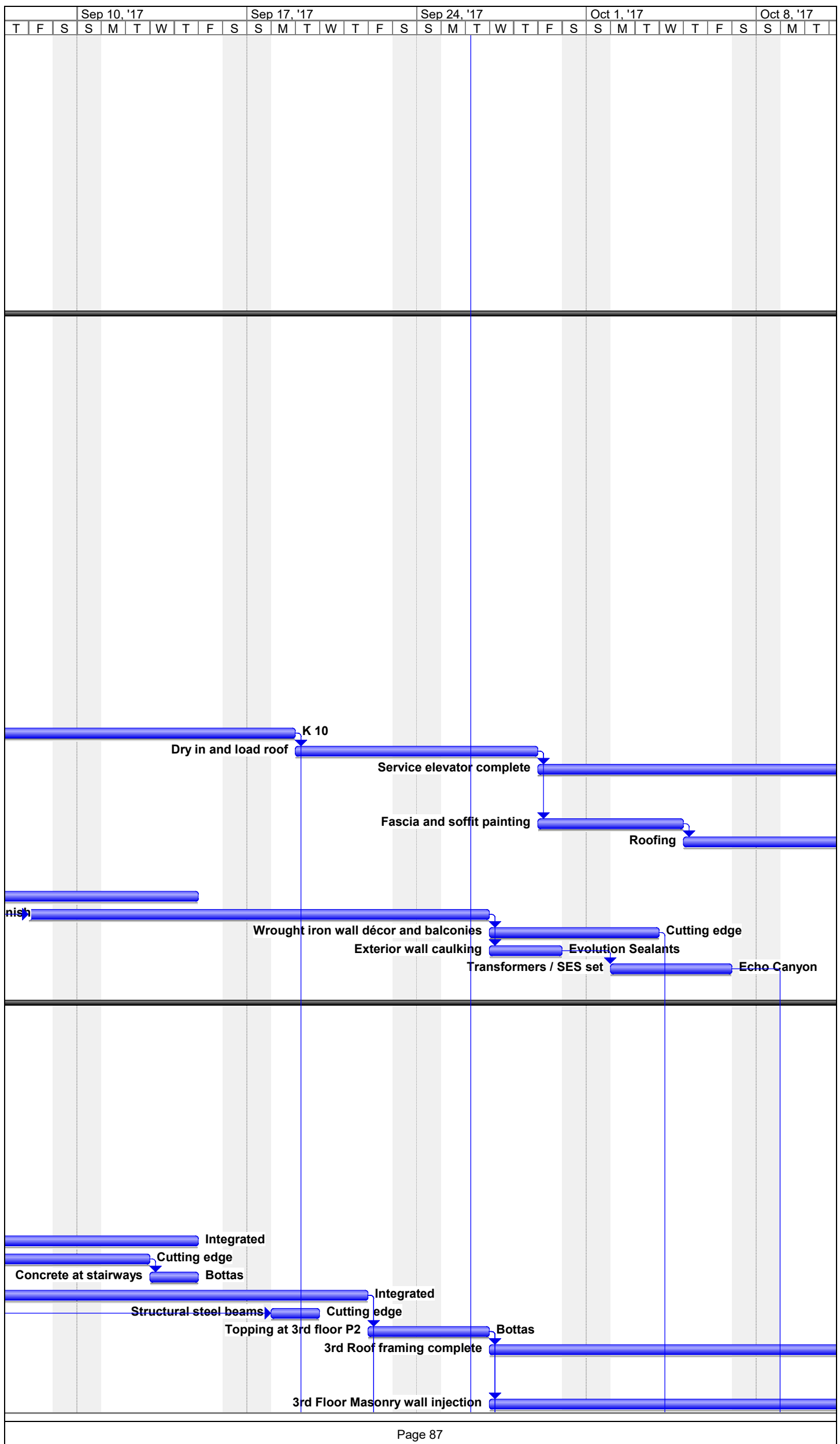


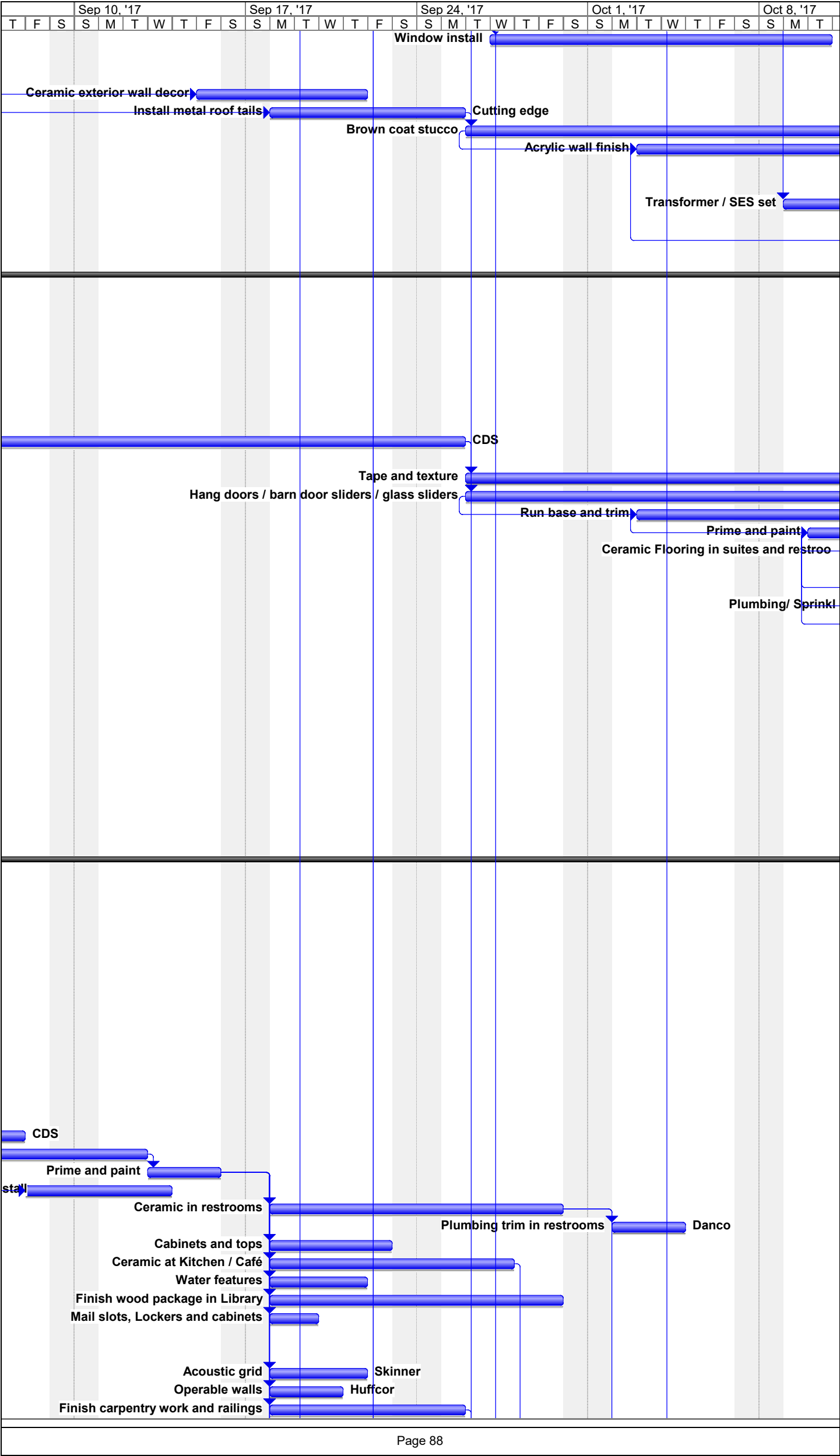


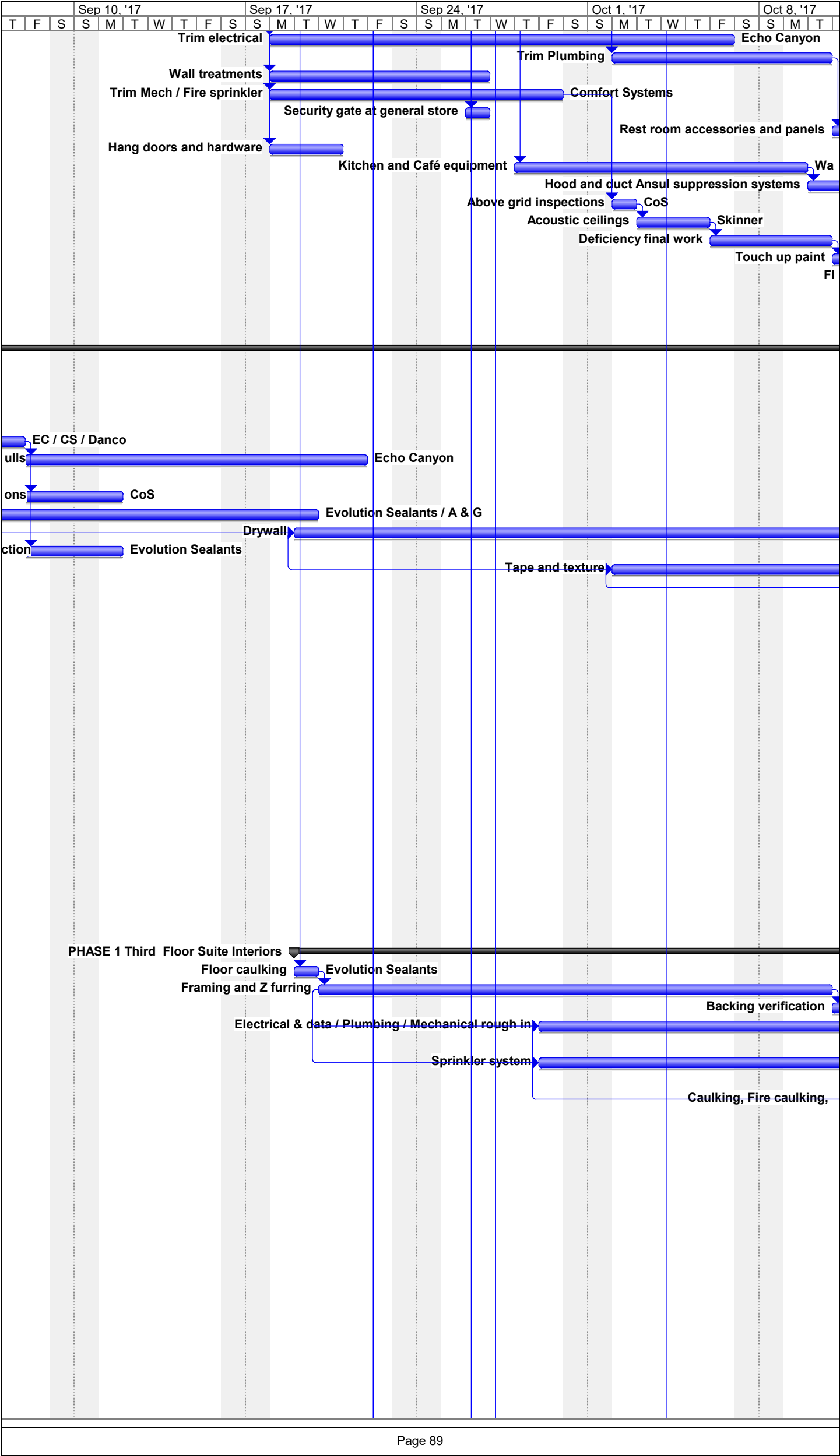


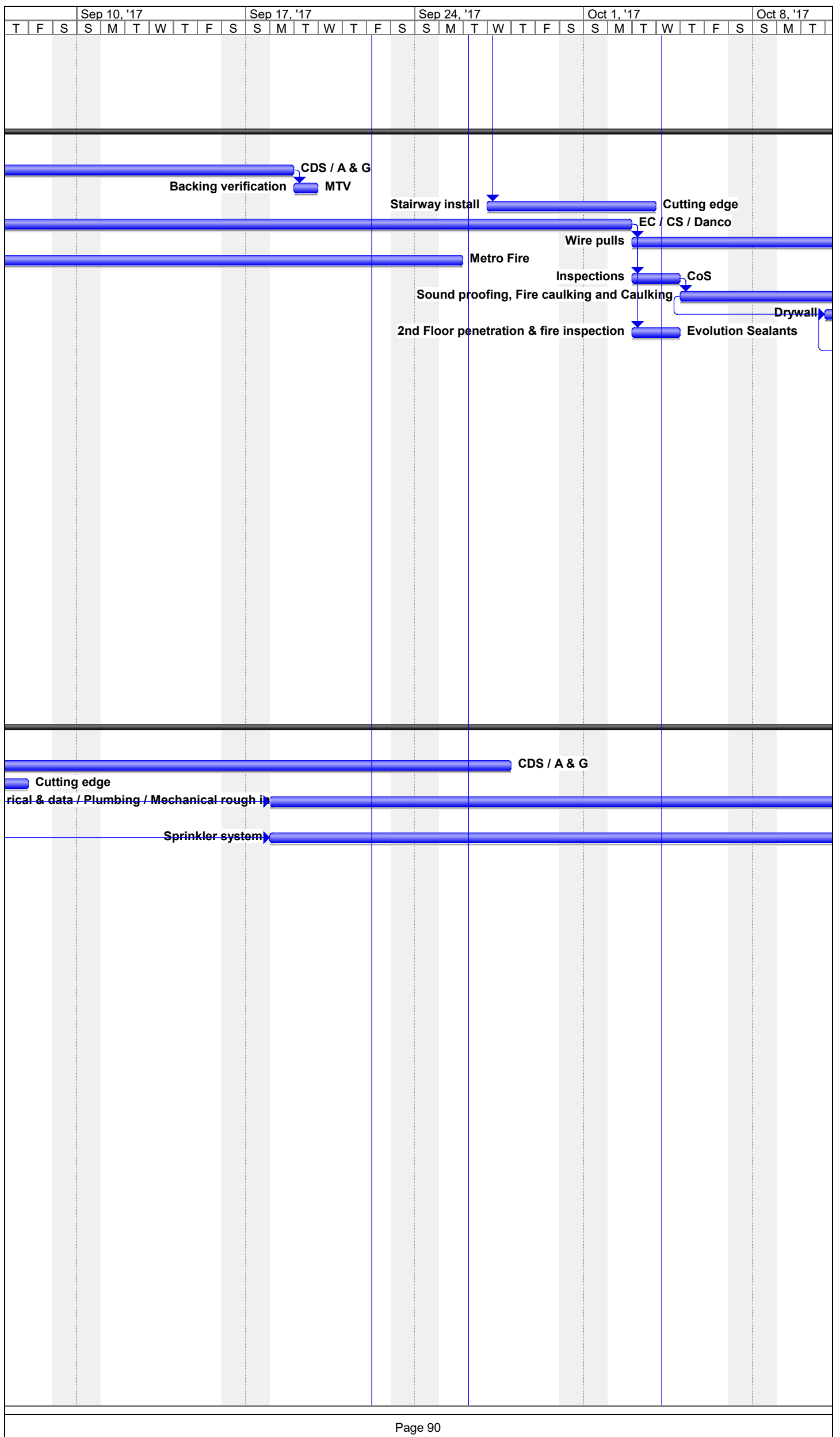






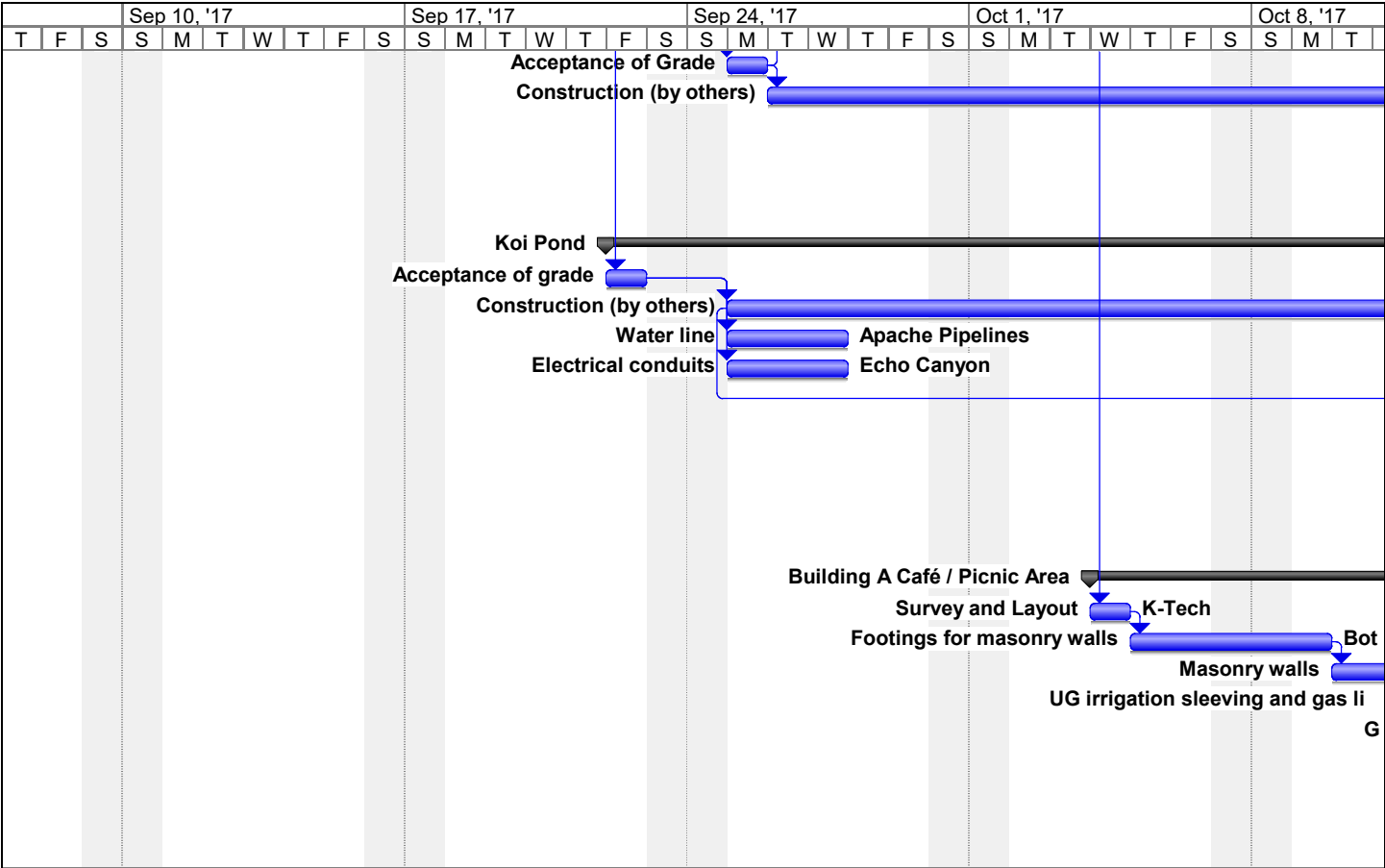






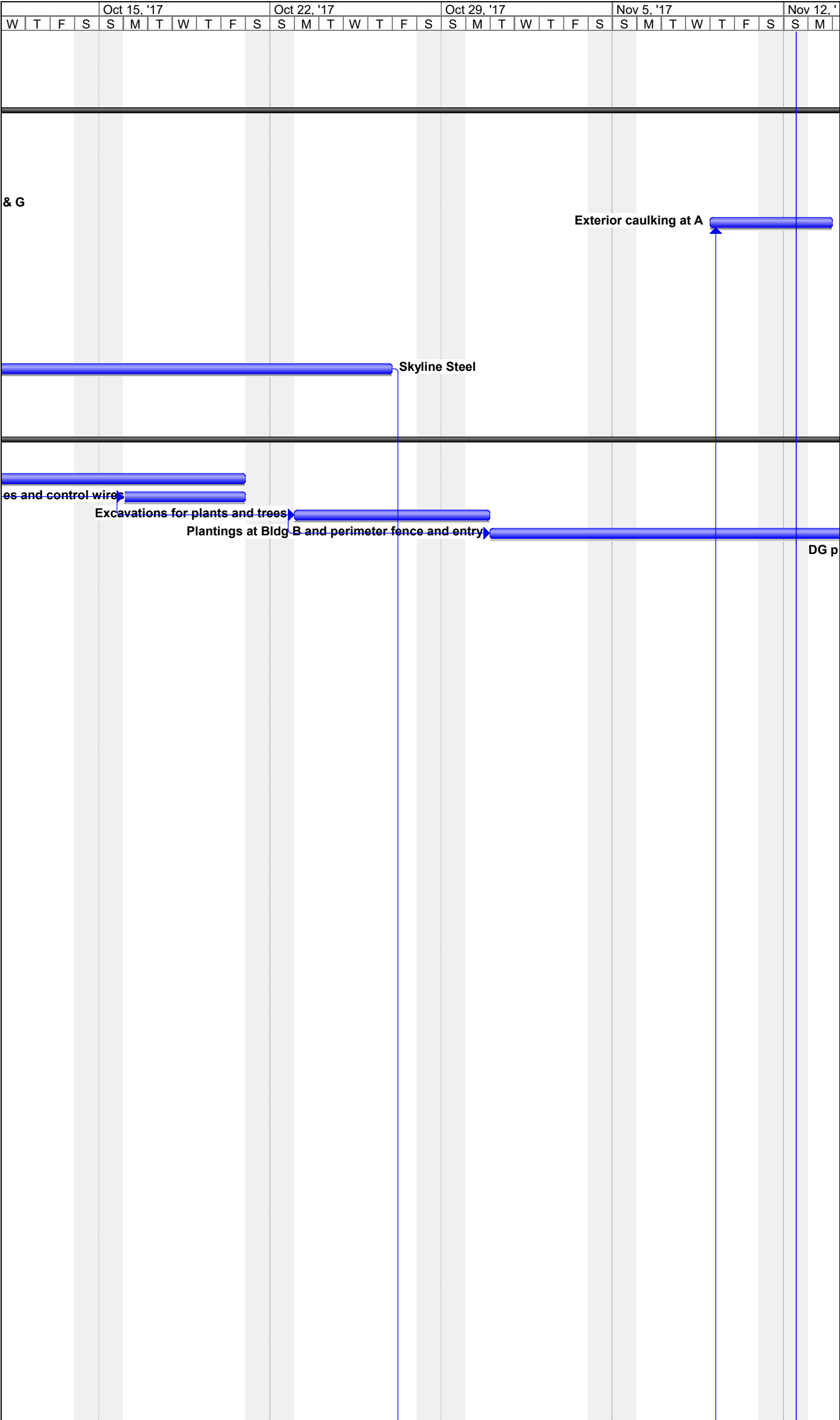






				Oct 15, '17				Oct 22, '17				Oct 29, '17				Nov 5, '17				Nov 12, '17							
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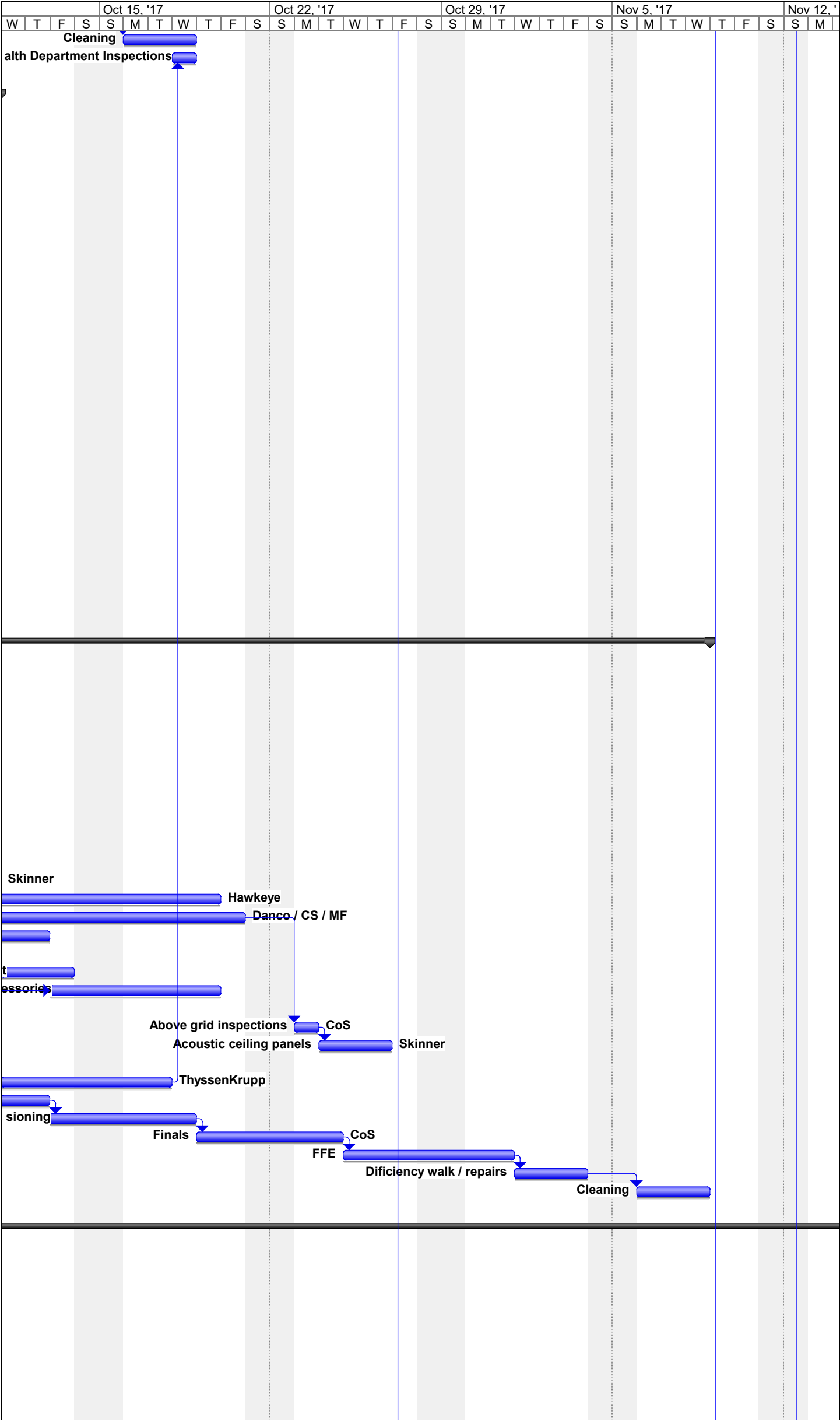
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W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M

Oct 15, '17 Oct 22, '17 Oct 29, '17 Nov 5, '17 Nov 12, '17

ThyssenKrupp

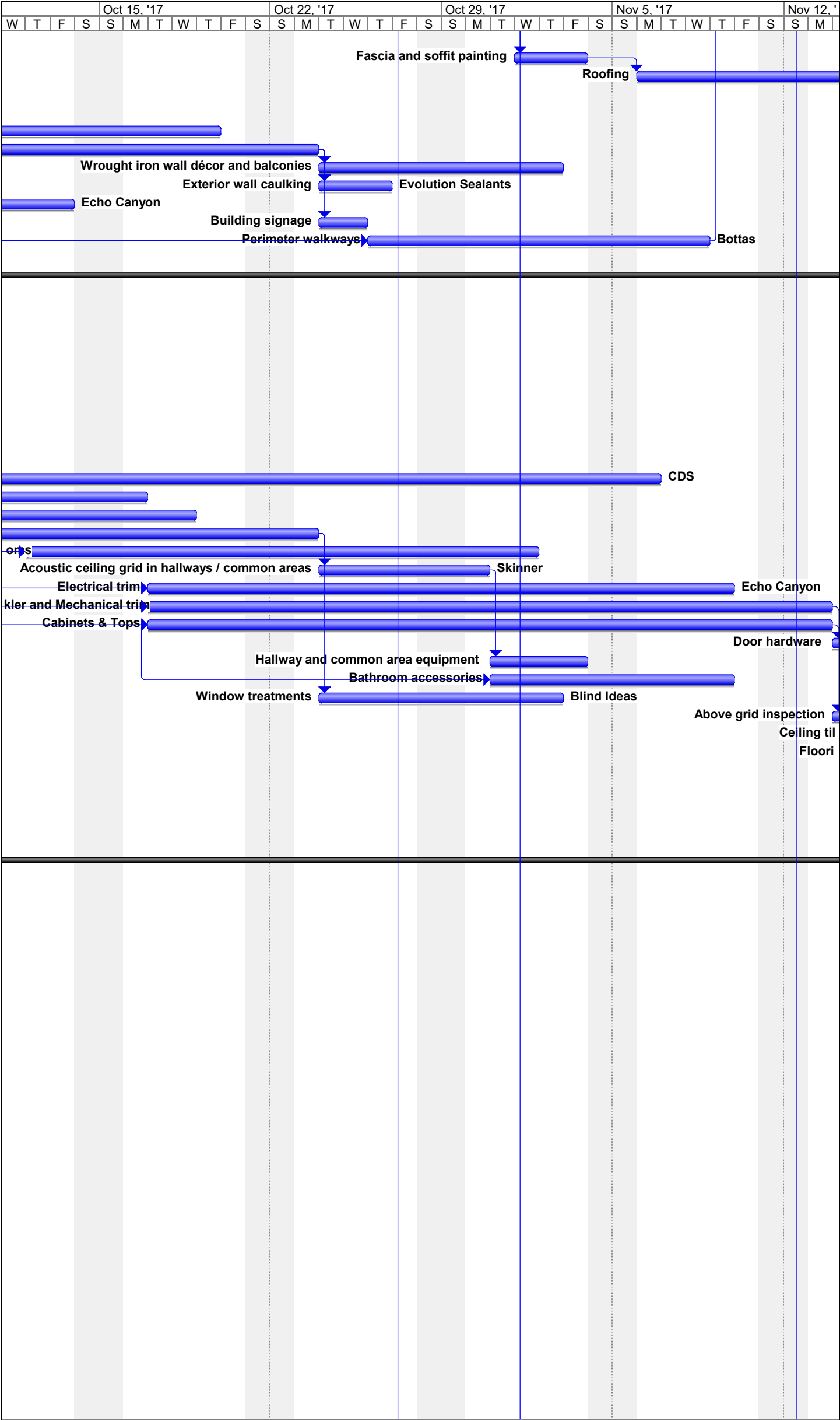
Dry in and load roof

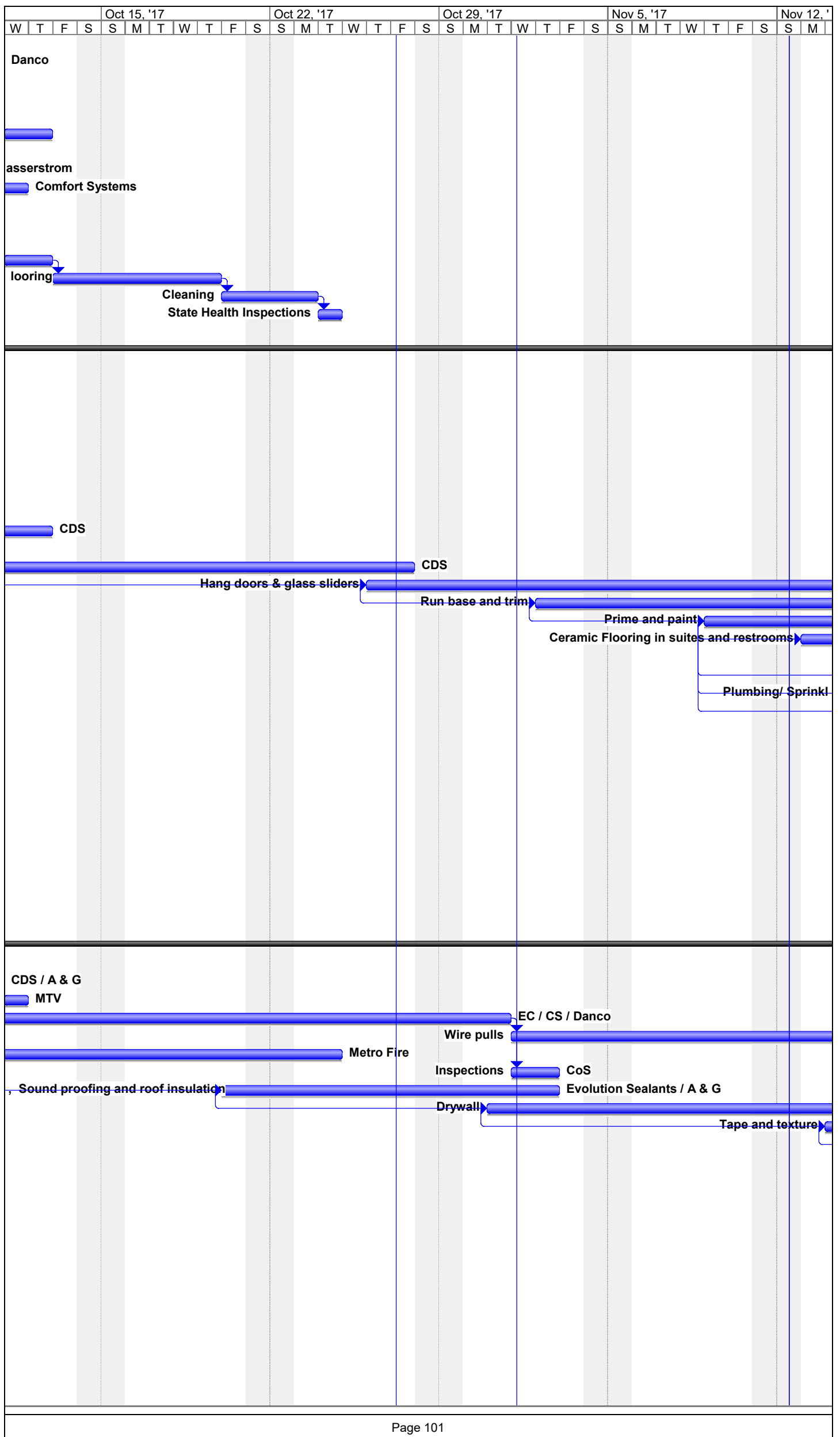
Service elevator

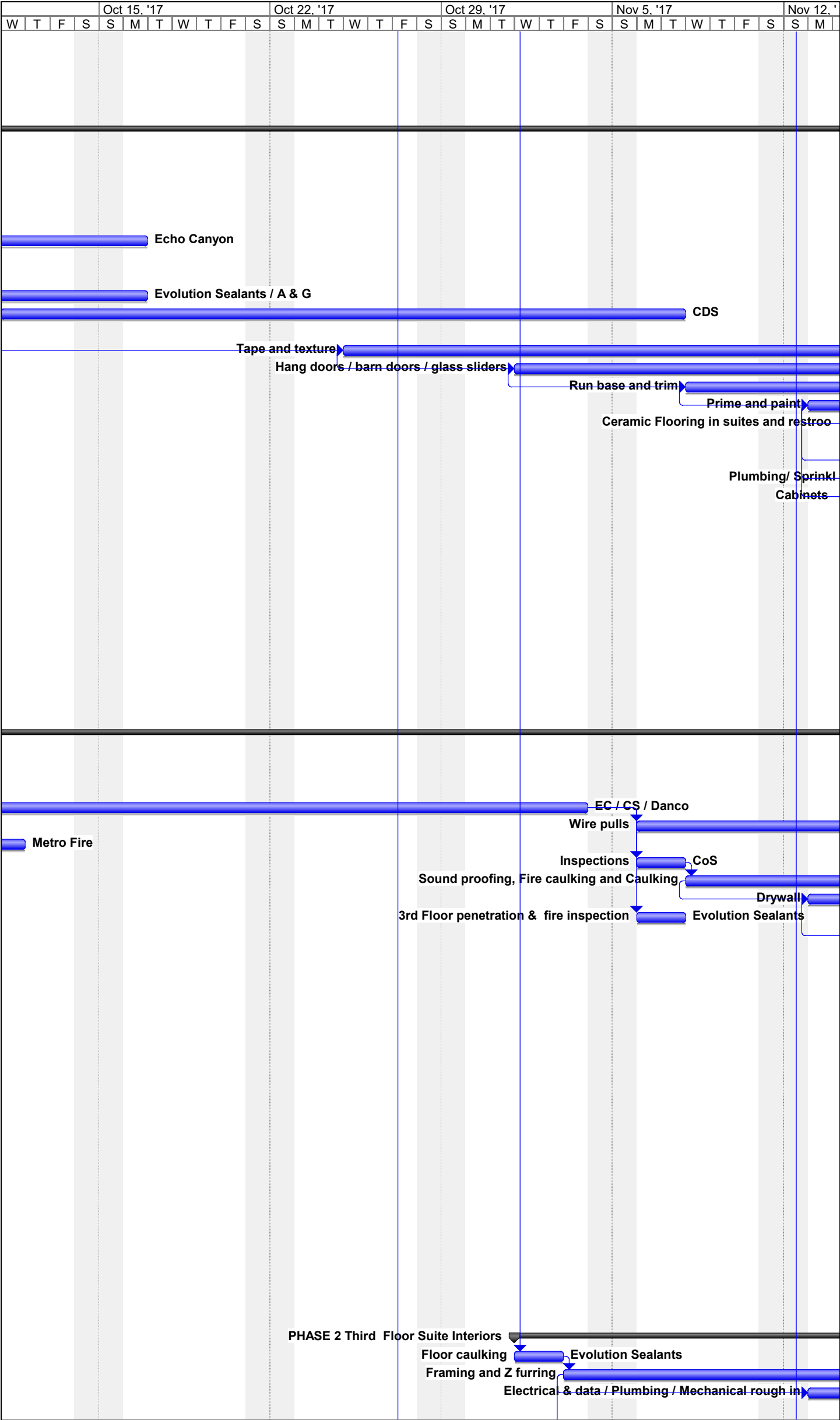
Integrated

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Page 99















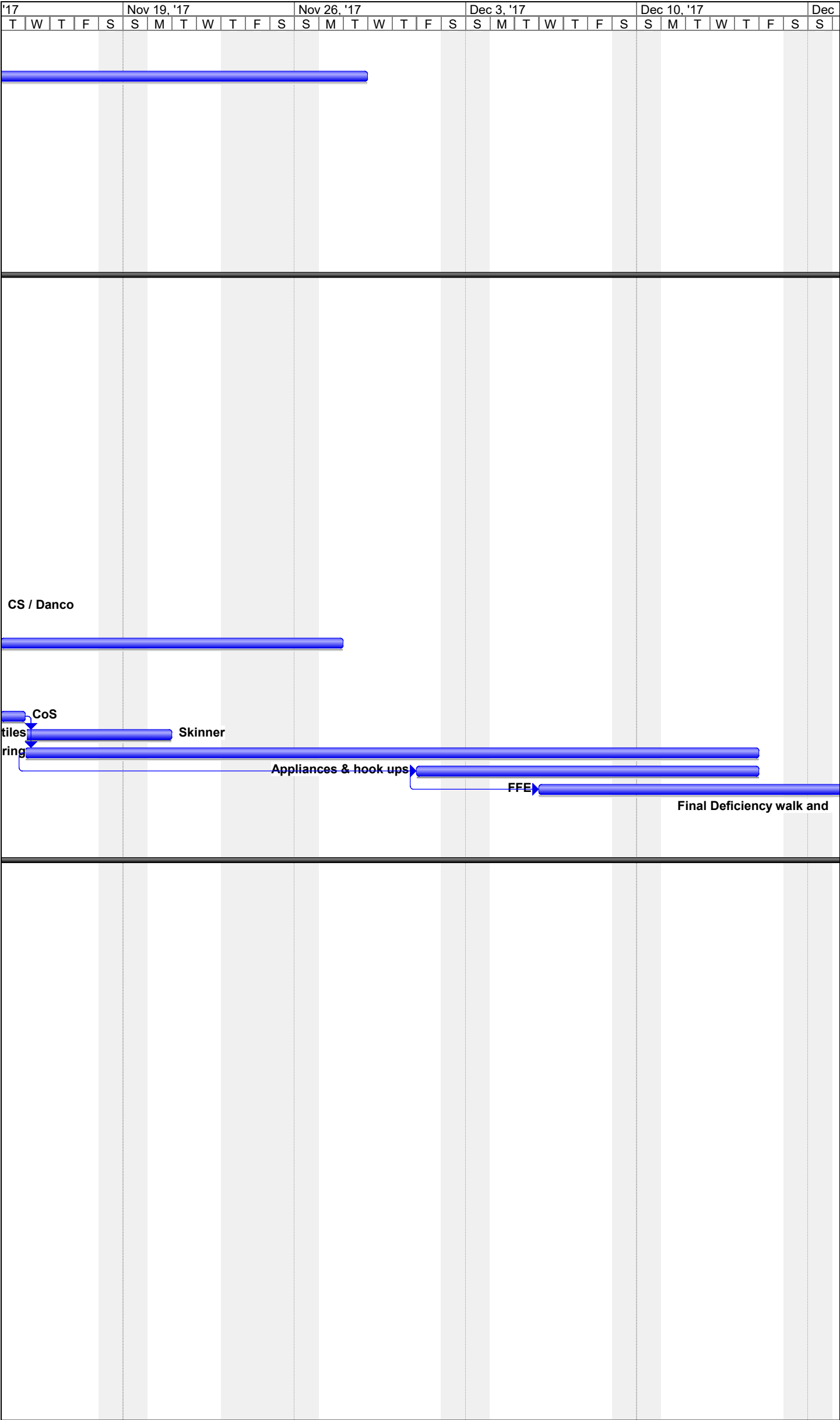


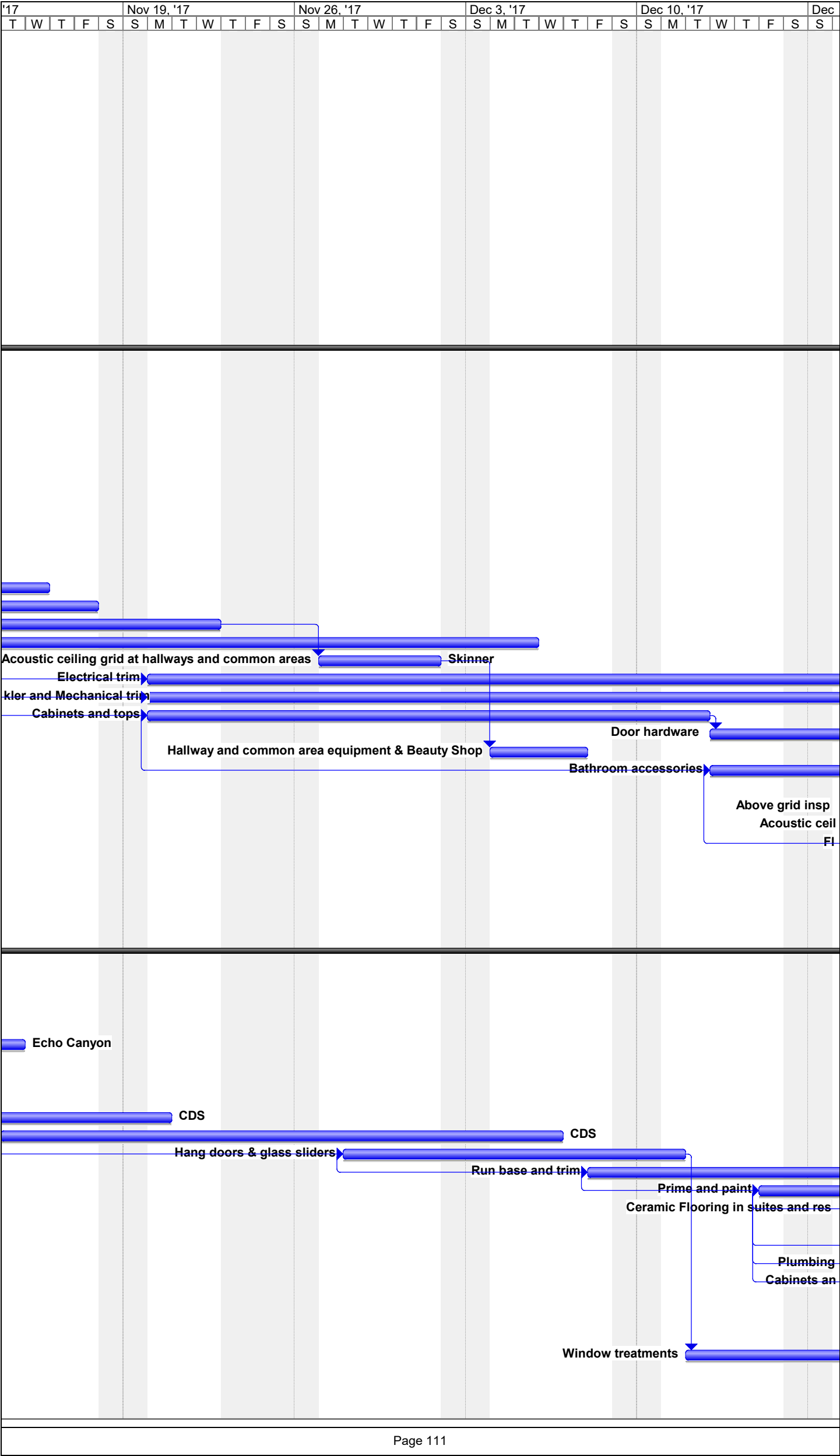


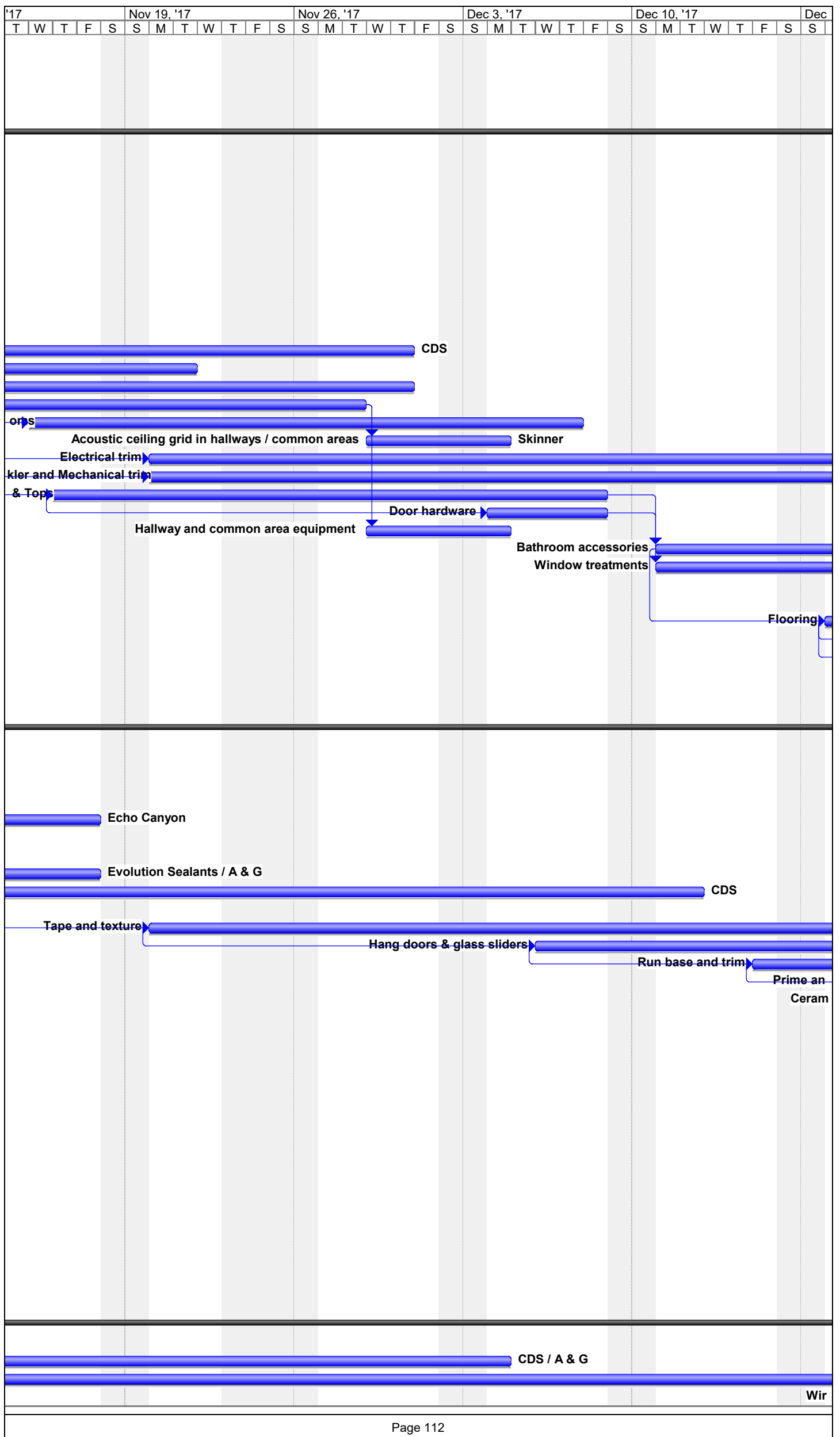




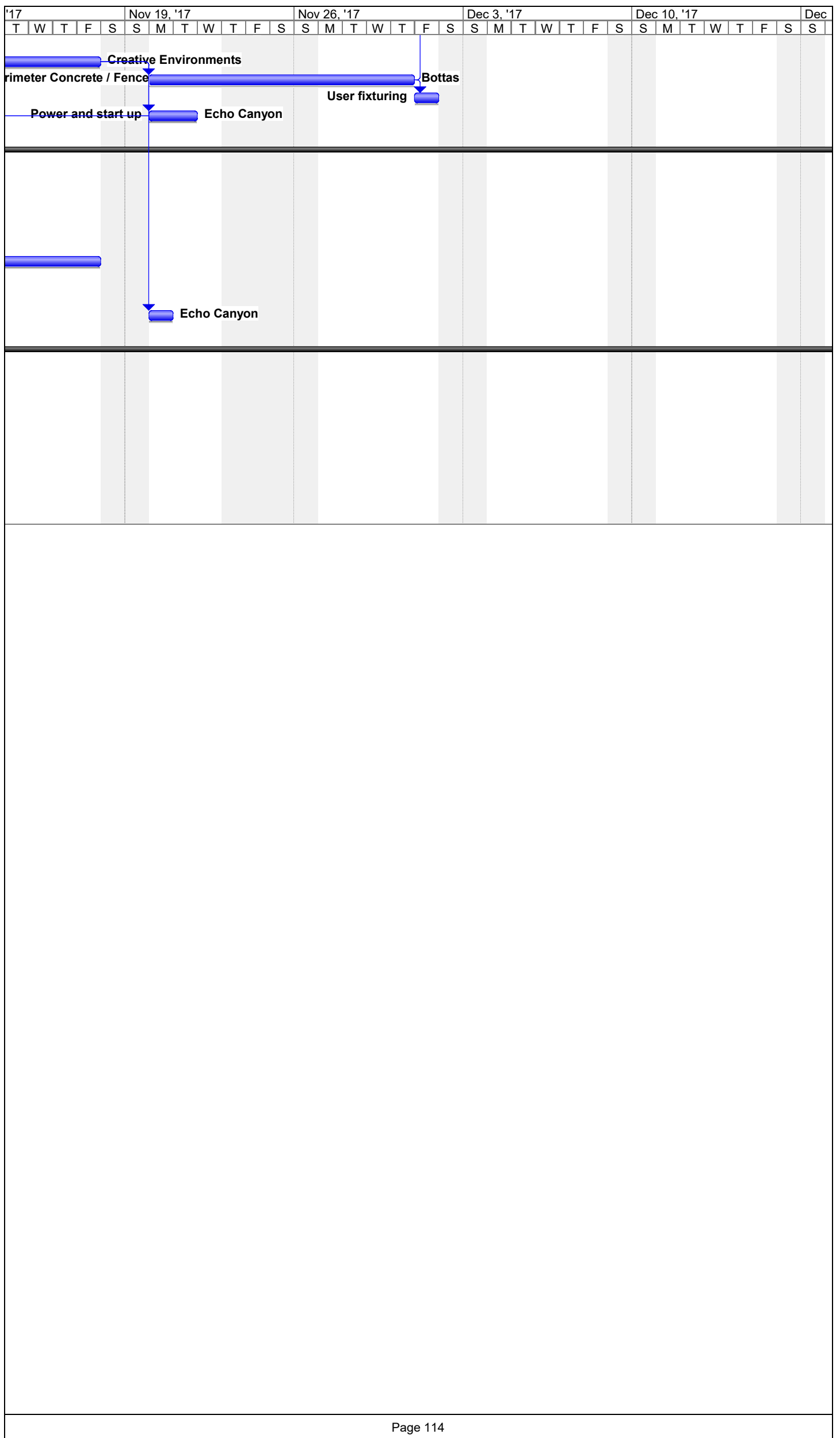








'17					Nov 19, '17					Nov 26, '17					Dec 3, '17					Dec 10, '17					Dec	
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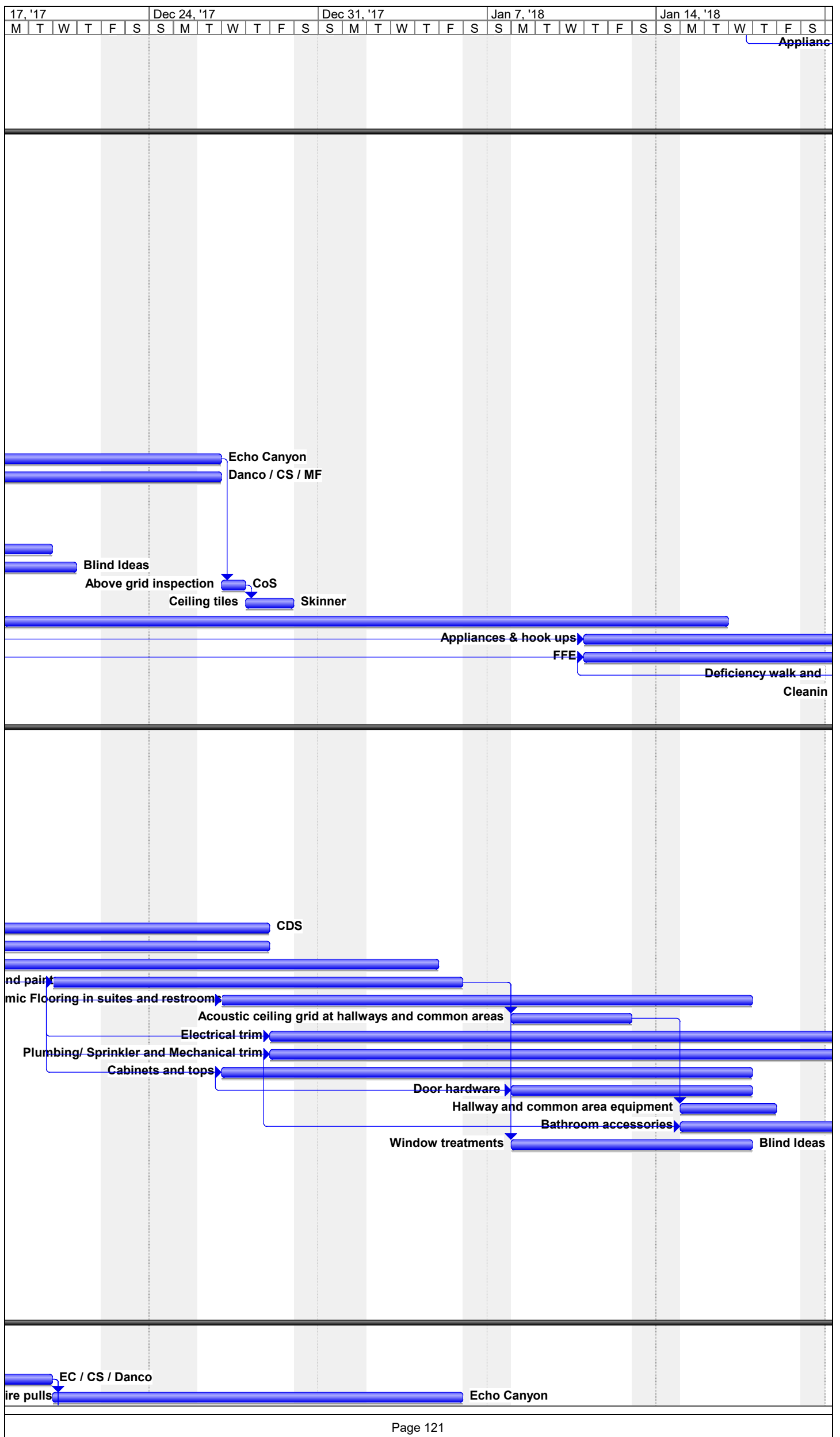


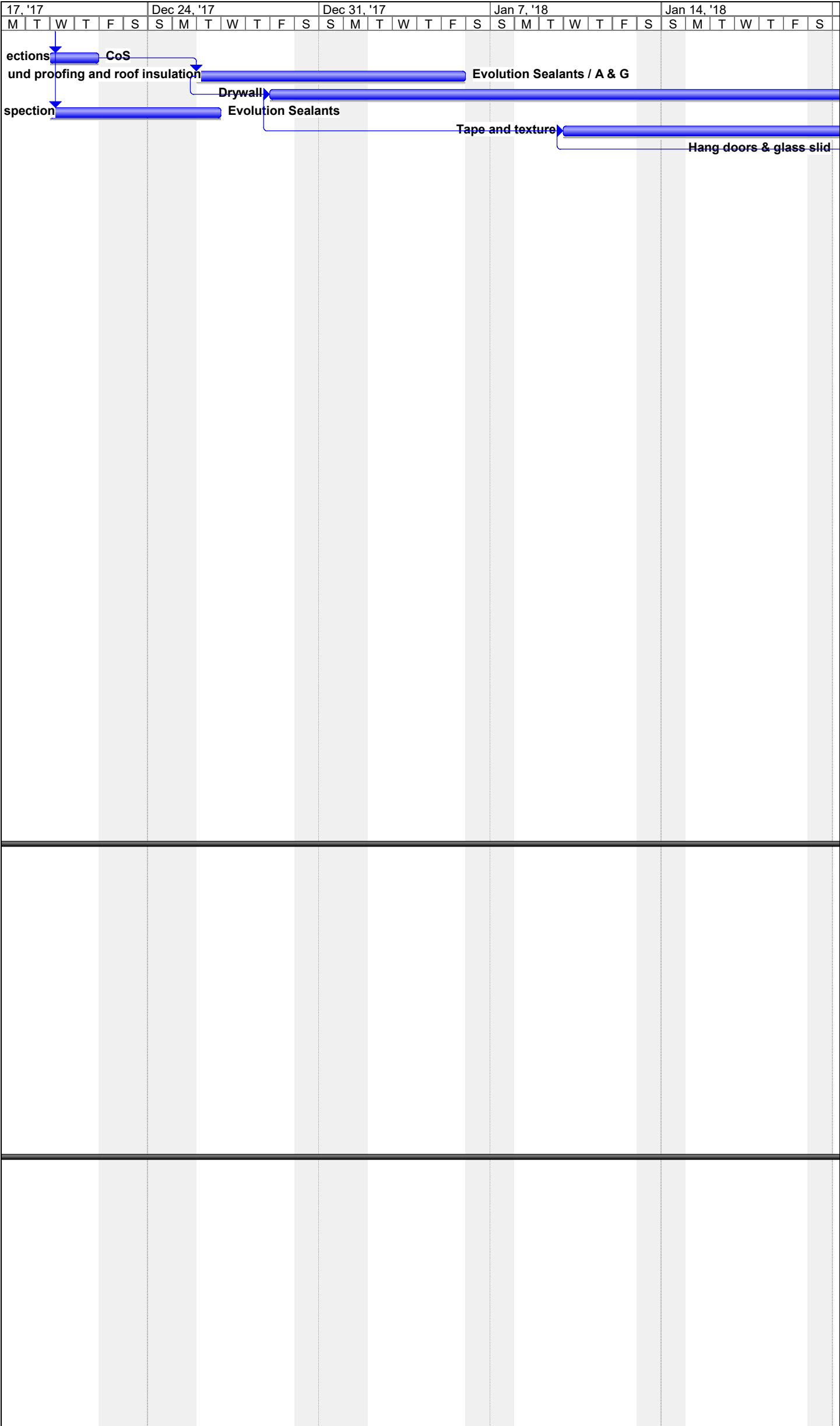




The Gantt chart displays a project schedule from December 17, 2017, to January 14, 2018. The tasks and their durations are as follows:

- Echo Canyon**: Dec 17 - Dec 18, 2017
- Danco / CS / MF**: Dec 17 - Dec 18, 2017
- Window treatments**: Dec 18 - Dec 25, 2017
- Blind Ideas**: Dec 18 - Dec 25, 2017
- CoS**: Dec 18 - Dec 19, 2017
- Skinner**: Dec 18 - Dec 25, 2017
- Appliances & hook ups**: Dec 18 - Dec 25, 2017
- FFE**: Dec 18 - Dec 25, 2017
- Deficiency walk and repair**: Dec 18 - Dec 25, 2017
- Cleaning and**: Dec 18 - Dec 25, 2017
- Acoustic ceiling grid at hallways and common areas**: Dec 18 - Dec 25, 2017
- Skinner**: Dec 18 - Dec 25, 2017
- Electrical trim**: Dec 18 - Dec 25, 2017
- Echo Canyon**: Dec 18 - Dec 25, 2017
- g/ Sprinkler and Mechanical trim**: Dec 18 - Dec 25, 2017
- Danco / CS / MF**: Dec 18 - Dec 25, 2017
- nd tops**: Dec 18 - Dec 25, 2017
- Door hardware**: Dec 18 - Dec 25, 2017
- Hallway and common area equipment**: Dec 18 - Dec 25, 2017
- Bathroom accessories**: Dec 18 - Dec 25, 2017
- Blind Ideas**: Dec 18 - Dec 25, 2017
- Above grid inspection**: Dec 18 - Dec 25, 2017
- Acoustic ceiling**: Dec 18 - Dec 25, 2017
- Flooring**: Dec 18 - Dec 25, 2017













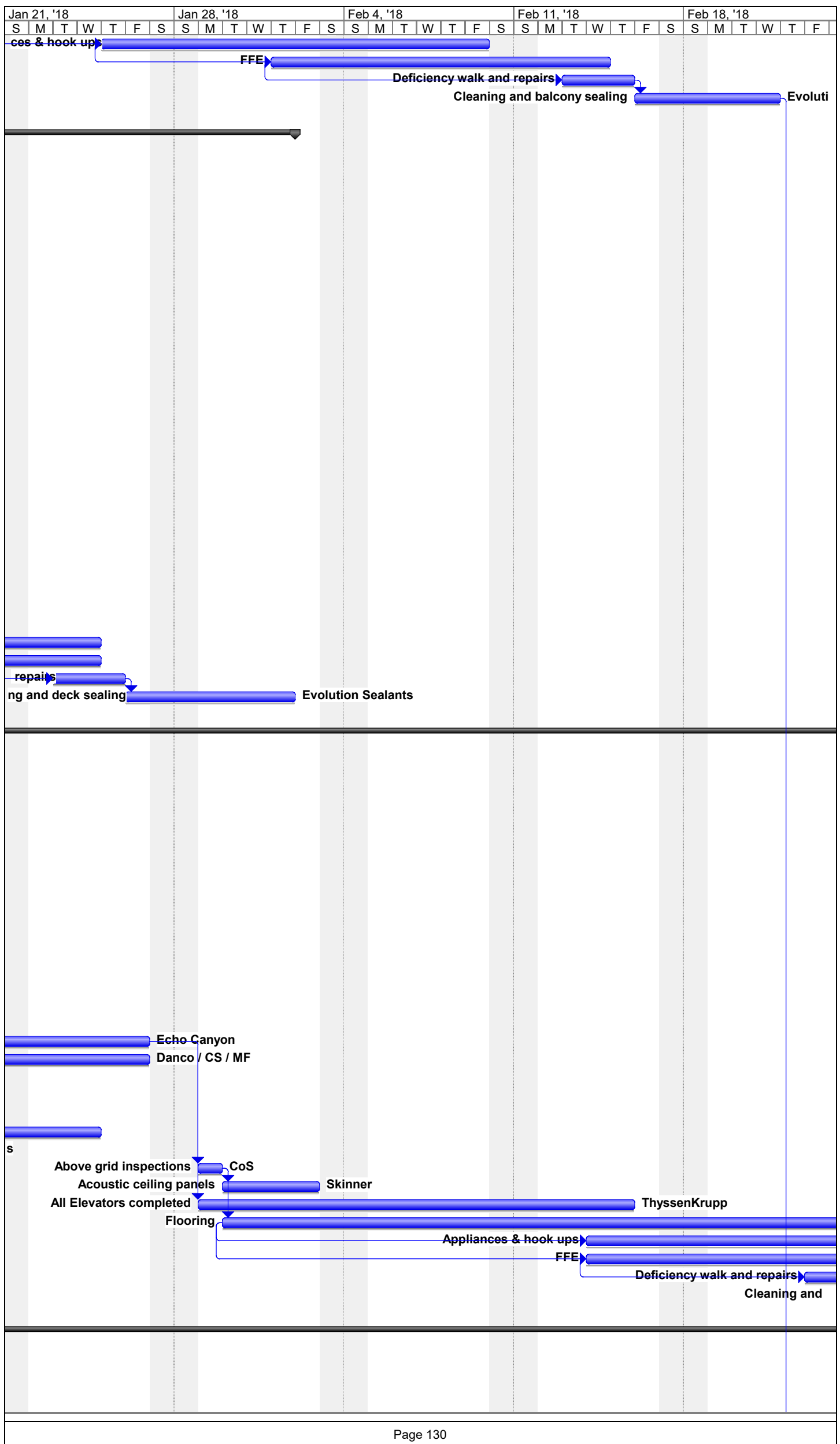


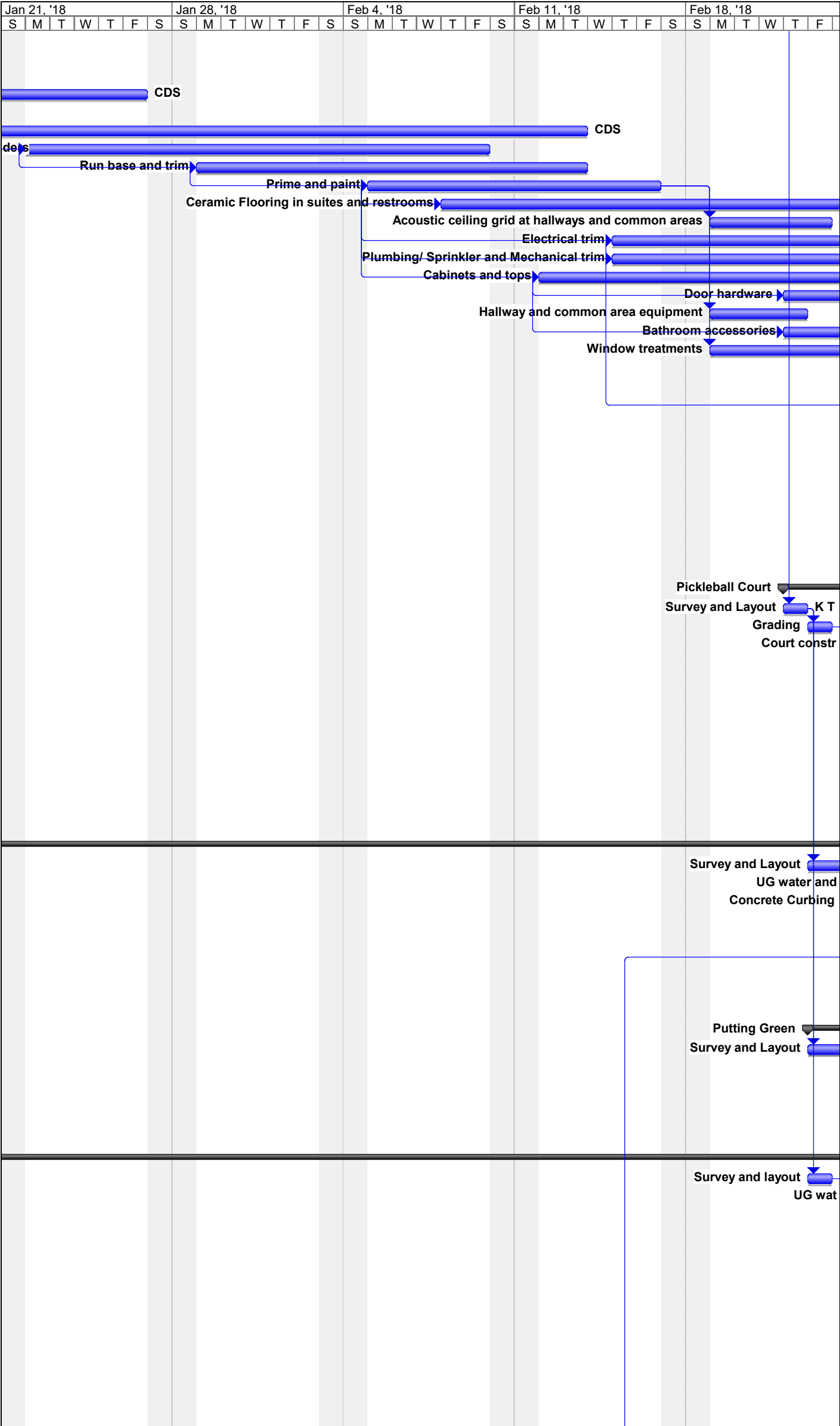
















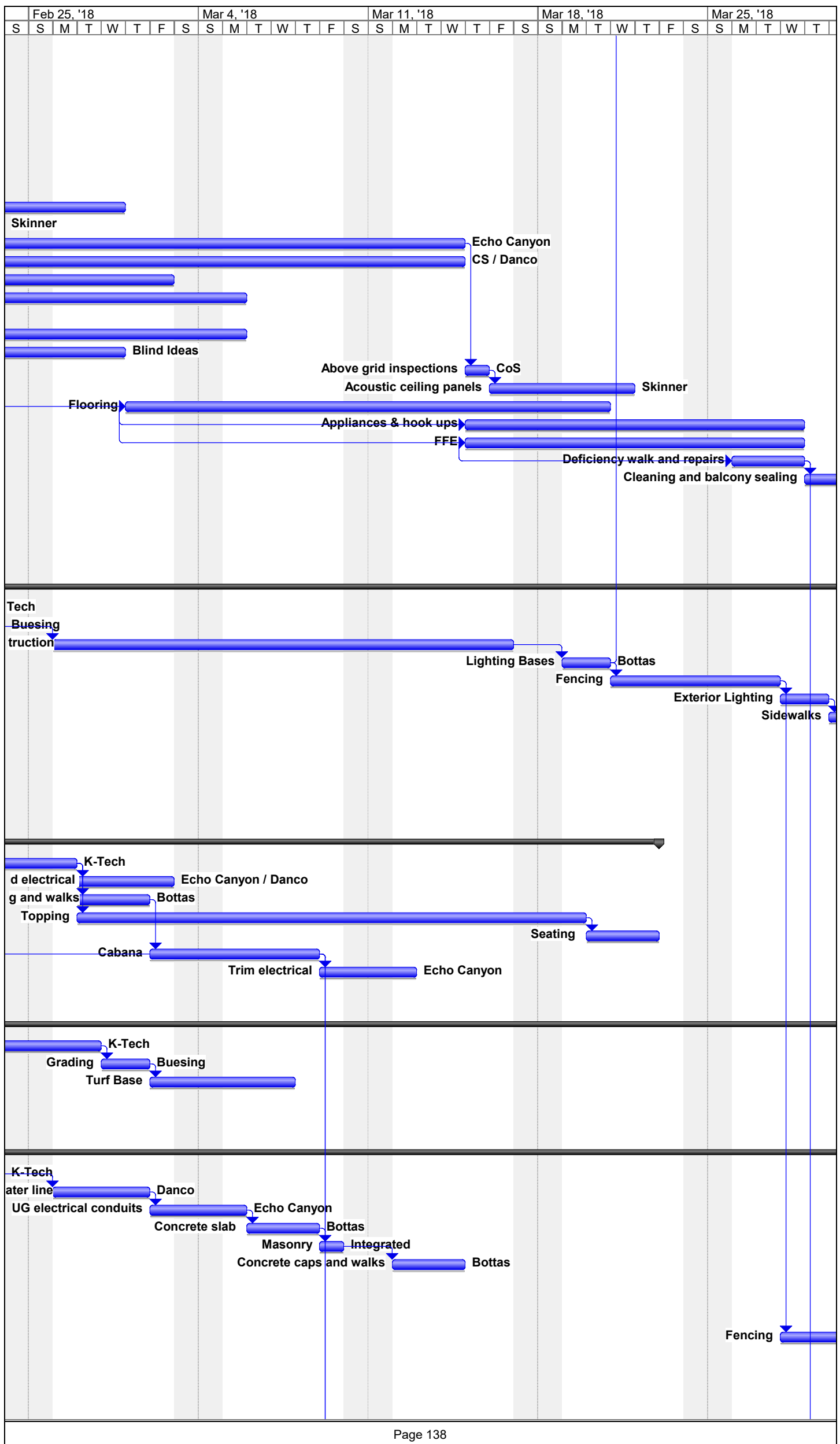






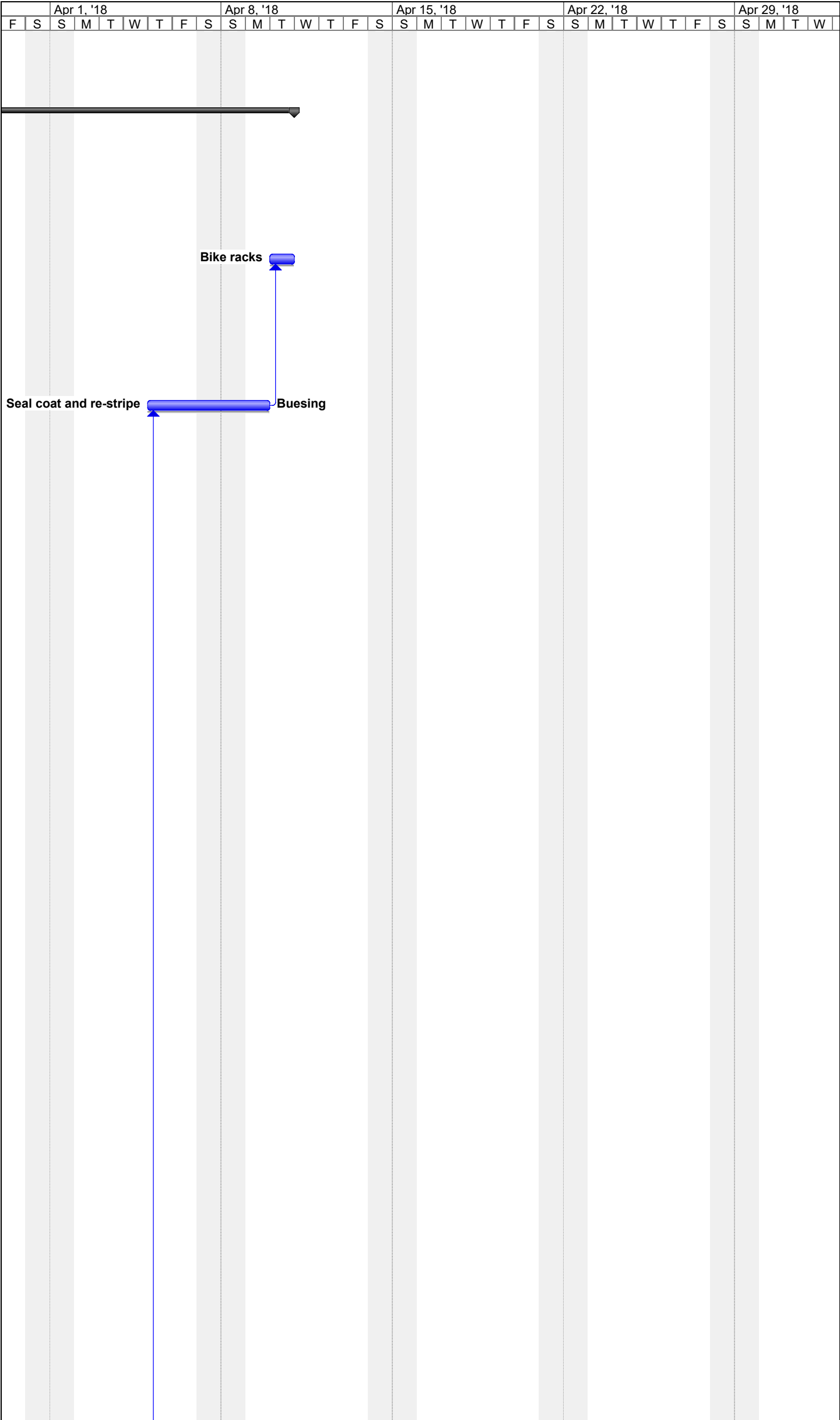






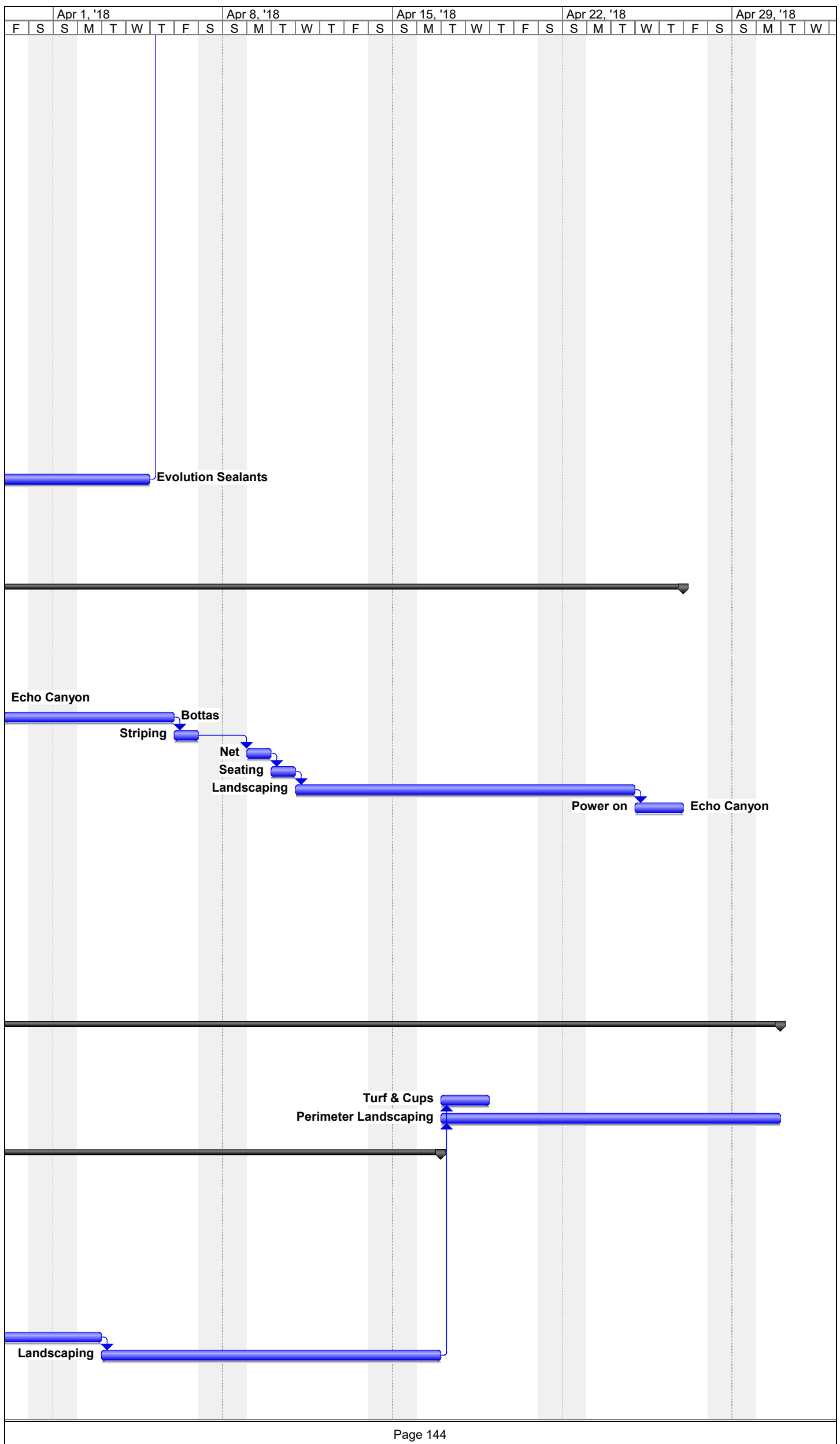
















Project Site Work Area Surprises  
Date: 11/6/2017  
Contractors Inc

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline



# AIA Document G701™ – 2001

## Change Order

PROJECT (Name and address): Fellowship Square Suprise 16477 West Bell Road Surprise, Arizona 85374	CHANGE ORDER NUMBER: 001 DATE: 01/17/2017	OWNER: <input checked="" type="checkbox"/> ARCHITECT: <input checked="" type="checkbox"/> CONTRACTOR: <input checked="" type="checkbox"/> FIELD: <input type="checkbox"/> OTHER: <input type="checkbox"/>
TO CONTRACTOR (Name and address): MTV General Contractors, Inc. 2840 North Norwalk Street Mesa, Arizona 85215	ARCHITECT'S PROJECT NUMBER: CONTRACT DATE: 10/04/2016 CONTRACT FOR: General Construction	

### THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

Time Extension Due to Critical Path Inclement Weather Delays (See Attached)

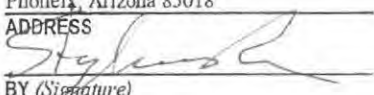
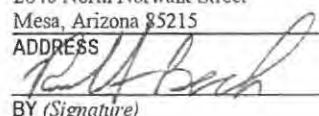
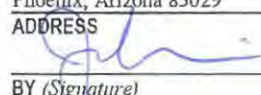
The original Contract Sum was	\$ 46,930,000.00
The net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 46,930,000.00
The Contract Sum will be increased by this Change Order in the amount of	\$ 0.00
The new Contract Sum including this Change Order will be	\$ 46,930,000.00

The Contract Time will be increased by Twenty-Nine (29) days.

The date of Substantial Completion as of the date of this Change Order therefore is 08/15/2018

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Reece and Rowe Architects ARCHITECT (Firm name) 4343 East Avalon Drive Phoenix, Arizona 85018 ADDRESS  BY (Signature) Stephanie Rowe (Typed name) 1/18/17 DATE	MTV General Contractors, Inc. CONTRACTOR (Firm name) 2840 North Norwalk Street Mesa, Arizona 85215 ADDRESS  BY (Signature) Robert Beck (Typed name) 1/18/17 DATE	Christian Care Suprise OWNER (Firm name) 2002 West Sunnyside Drive Phoenix, Arizona 85029 ADDRESS  BY (Signature) John S. Norris (Typed name) 1/19/17 DATE
---	---	---



# GENERAL CONTRACTORS, INC.

2840 N. NORWALK STREET • MESA, ARIZONA 85215 • (480) 962-4007 / FAX (480) 464-9760

ROC B-01-074507 \* ROC A-137612

16 January 2017

Christian Care, Inc.  
2002 W. Sunnyside Dr.  
Phoenix, AZ 85029

Subject: Project 2518: Fellowship Square Surprise  
RE: Time Extension Request, Weather Delays  
Attn: Mr. John Norris, CEO

Dear Mr. Norris,

MTV General Contractors, Inc. is requesting a period of performance extension for the above referenced project. Since mid-December until the present day, the project's current schedule has experienced critical path delays because of the recent rainfall, totaling (22) working days. The delays were a direct result of the falling rain, the residual effects of the rain fall, and the recovery work that was required by our earthwork subcontractor, Buesing Corp., to mitigate further loss in time.

Per the construction schedule, MTV has viewed the construction efforts of Building 'B' as our critical path directive. We have focused to pre-water, then excavate, and then start building the pad for Building 'B' first, then Central Plant, and then Building 'A'. Unfortunately, the heavy rain fall we have received has been destructive and impeding to the efforts at Building 'B'. Buesing was making progress towards the site excavation and exporting of materials, and rain stymied their work efforts. Even after the rain had stopped, as can be seen on the accompanying 'Critical Path - Inclement Weather Delays' log, the residual effects of the highly-saturated site rendered Buesing unable to perform their contract work. The optimum moisture content had been established throughout most of the site prior to the rain fall, resulting in standing water over most of the site. High humidity and an elevated 'water table' reduced the site's ability to percolate and drain the water. Buesing tried to work longer days and weekends, but the inclement weather made it impossible to make forward progression. MTV cites several of the working days following rain events as 'Recovery Days', since there was no forward progression of the critical path. The work, however, was performed to manage the moisture onsite, and mitigate further loss in the schedule. The routine rain falls inevitably negated the work efforts of MTV and Buesing. For example, Building 'B' was scheduled to have the pad certified on 01/05/2017. Buesing had already been delayed by rain, but worked long hours throughout the latter half of the week of 12/26/2016 to reprocess material, and maintain the scheduled date. The rain that followed that following weekend negated the progress made, though, resulting in lost time, and additional cost impacts for Buesing. To date, we are reporting a rain fall total of at least 4".

MTV is continuing to work with its subcontractors onsite to initiate other elements of the site-civil scopes, such as the perimeter masonry walls and their footers, but the critical path is still delayed. Building 'B' also lies on the far eastern section of the property, which is the direction where the site is designed to drain. Even with the last few days of dry weather, Building 'B's pad was still too saturated to complete the construction of the pad, but Buesing spent time and money plowing the site, to remove the unworkable soils, and attempt to continue the



# GENERAL CONTRACTORS, INC.

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ROC B-01-074507 \* ROC A-137612

production efforts. Buesing has also re-directed their efforts towards the construction of the Central Plant pad, and Building 'A's pad. While this is positive momentum, the delivery of Building 'B' remains hindered. Considering the weather forecast for the end of this week, and the heavy rain that is anticipated, Buesing is again, working ten (10) hours days to recover and accelerate their delivery efforts as much as possible on Building 'B'. Presently, predicated upon the extent and relative impact of the rain forecasted, Building 'B's pad will be certified by 26 January 2017. With respect to the Central Plant, MTV is working to begin the footings, and have concrete placed before the end of the week. Finally, with respect to Building 'A', MTV and Buesing are working to have the building pad certified, also by the end of the week, weather permitting. In addition to the earthwork, please note that the underground utility installation is also being impacted by the weather. Our subcontractor, Apache Pipelines, has had their scheduled work pushed by (19) days. We are strategizing with them right now, after having met with EPCOR, to begin their work by starting on the water lines onsite, as opposed to starting at the Sarival Ave. tie-ins, and underground retention piping.

MTV requests that (22) days be added to the contract's period of performance, to complete the project with no negative consequences involved therein. MTV and its subcontractors are working diligently to provide forward progression of the project, and specifically, to the critical path. The delays realized thus far have impacted the entire schedule, though, wherein the ability to recover the time within the current schedule and period of performance is not possible. Please review and respond per your acceptance and acknowledgement of the delays and extension request. Thank you for your consideration.

Respectfully,

A handwritten signature in black ink, appearing to read 'Travis Elmer', written over a horizontal line.

Travis Elmer  
Project Manager  
MTV General Contractors, Inc.

Cc: Robert Beck; file

MTV General Contractors, Inc.  
 Project: Fellowship Square Surprise  
 Project #: 2518

Period: 12/16/16 - 01/16/17

### CRITICAL PATH - INCLEMENT WEATHER DELAYS

Lost work days and efforts impacting Critical Pathway (Building B)

DATE:	EVENT:	NOTES:
12/16/16	.25" Rain	Pulled off of Pad B due to high moisture content from added rain water
12/22/16	1" Rain	Buesing affected, too muddy for equipment
12/23/16	Rain / residual effects	Buesing affected, too muddy for equipment
12/24/16	0.5" Rain	Saturday - No work Buesing wanting to work to make up lost days
12/26/16	No work due to residual rain effects.	Monday - No work Buesing wanting to work to make up lost days
12/27/16	Recovery Day	Partial crew working to remove standing water off of Building B and Central Plant pads
12/28/16	Recovery Day	Partial crew working to remove standing water off of Building B and Central Plant pads
12/30/16	Started raining late afternoon	Started putting pad B back together
	Rained all day, (0.75") of standing water in my bucket	
12/31/16	2 heavy down pours, with at least an (1.25") of water in my bucket	No Workers on site
1/1/17		No Workers on site
1/2/17	No work due to residual rain effects.	Checked site this morning standing water every where and site is not accessible. Even our parking area has more standing water than dry areas
1/3/17	No work due to residual rain effects.	Standing water across site and on Building B again. The west side of A is a giant lake
1/4/17	No work due to residual rain effects.	The standing water is percolating or evaporating. High humidity and no wind
1/5/17	No work due to residual rain effects.	The standing water is percolating or evaporating. High humidity and no wind
1/6/17	No work due to residual rain effects.	No work today. The site is starting to dry out a tad and we will resume hopefully on Monday
1/9/17	Recovery Day	Buesing is pushing mud and trying plow the site. This is affecting my Critical Path line which is contingent upon Building B work. Building B pad is so saturated that we can not even plow on it
1/10/17	Recovery Day	Buesing is working the site except Building B Pad by continuing with plowing and flipping the dirt. Pad B has standing water on it still.
1/11/2017	Recovery Day	I had Buesing push the water off with the dozer northward onto the roadway north of the pad. We created a standing berm to hold that water so it did not contaminate other areas
1/12/2017	No work due to residual rain effects.	No work on Pad B as we are letting it dry out. We are trying to work on Central Plant pad, Bldg A pad, and the perimeter CMU walls
1/13/2017	Recovery Day	Buesing was able today to plow Pad B which they did a couple of times today to help it dry out.
1/15/2017	0.25" Rain	No Workers on site
1/16/2017	Recovery Day	Field decision to continue to plow Pad B to help dry up dirt and stabilize the sub base of the pad. Looks like we can start maybe again tomorrow with putting the pad back in place by removing the dirt and bringing new in.

**22** Total number of working days lost to Critical Path scheduling

### THREE WEEK SCHEDULE

Project:	Fellowship Square Site Work
Week Beginning:	1/30/2017

Project Supt:	Michael Elmer
Project Manager:	Travis Elmer

[illegible]

### THREE WEEK SCHEDULE

[illegible]





**RECEIVED**  
By Mark Thompson at 11:55 am, Dec 22, 2016

Maricopa County  
Air Quality Department

Return completed form to:  
Maricopa County Air Quality Department  
1001 N Central Ave, Suite 125, Phoenix, AZ 85004  
Phone (602) 506-6010 Fax (602) 372-0587  
AQPermits@mail.maricopa.gov

**DUST CONTROL PERMIT APPLICATION PACKAGE, SECTION 1: DUST CONTROL PERMIT APPLICATION FORM**

The Dust Control Permit Application Package and payment may be submitted online by clicking here: [Online Submittal](#)

They may also be submitted in person at:

1001 N. Central Ave. Suite 125, Phoenix, AZ 85004 or 501 N. 44th Street, Suite 200, Phoenix, AZ 85008.

Questions? Click on the Yellow Question Marks

[?](#) for Additional Instructions

For Office Use Only

Approved By: **APPROVED**  
By Mark Dunnigan at 9:09 am, Dec 28, 2016 Date Issued: Permit Number: **E163445**

For faster service, please provide an email address where we can send an electronic copy of your permit.

**Permit Application Form, Part A: Applicant Information**

1. Applicant <a href="#">?</a>			
Relationship to property (Check all that apply):			
<input type="checkbox"/> Property Owner	<input checked="" type="checkbox"/> General/Prime Contractor	<input type="checkbox"/> Developer	<input type="checkbox"/> Lessee
Type of Entity: Corporation			
Name: MTV General Contractors, Inc.			
Address: 2840 North Norwalk Street			
City: Mesa	State: AZ	Zip: 85215	
Phone: 480-962-4007	E-Mail Address: robertb@mtvgc.com		
2. Applicant President/Owner <a href="#">?</a>			
Name: Robert Beck			
Address: 2840 North Norwalk Street			
City: Mesa	State: AZ	Zip: 85215	
Phone: 480-962-4007	E-Mail Address: robertb@mtvgc.com		
3. Is the Applicant a wholly owned subsidiary of another Company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <a href="#">?</a>			
4. Is the Applicant the Property Owner or Developer? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <a href="#">?</a>			
Owner/Developer Information		Type of Entity <input type="text" value="Corporation"/>	
Name: Christian Care Surprise Inc.			
Address: 2002 West Sunnyside Drive			
City: Phoenix	State: AZ	Zip: 85029	
Phone: 602-943-1800	Fax: 602-943-6459		
Contact Person: John Norris			
Contact Person Phone: 602-943-1800	Contact Person E-Mail Address: john.norris@christiancare.org		
5. Primary Project Contact <a href="#">?</a>			
Name: Michael Elmer		E-mail Address: melmer@mtvgc.com	
Title: Project Superintendent	Company Name: MTV General Contractors, Inc.		
On-Site Phone: 602-920-4643	Mobile: 602-920-4643	Fax: 480-464-9760	
6. Dust Control Coordinator Any site of 5 acres or more must have a dust control coordinator Is the site 5 acres or more? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <a href="#">?</a>			
Is the dust control coordinator the same person as the primary project contact listed in Question 5? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If "No", provide all requested information below. List any additional Dust Control Coordinators on a separate sheet.			
Name: Michael Elmer		E-mail Address: melmer@mtvgc.com	





Maricopa County  
Air Quality Department

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AQPermits@mail.maricopa.gov

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They may also be submitted in person at:

1001 N. Central Ave. Suite 125, Phoenix, AZ 85004 or 501 N. 44th Street, Suite 200, Phoenix, AZ 85008.

Title: Project Superintendent	Company Name: MTV General Contractors, Inc.
On-Site Phone: 602-920-4643	Mobile: 602-920-4643 Fax: 480-464-9760

## Permit Application Form, Part B: Project Information

7. Name of Project:	Fellowship Square Surprise		
8. Project Location (If address is not available, complete Other Location information as fully as possible)	<input <="" td="" type="text" value="?"/>		
Address:	16640 North Sarival Road	Ave	
City:	Surprise	State:	AZ Zip: 85374
Nearest Major Cross Street North/South:	Sarival Road	Ave	
Nearest Major Cross Street East/West:	Bell Road		
Other Location information (If address is not available, provide all information possible below)			
County Assessor's Parcel Number(s):	501-12-961		
Master Plan Community Number(s):			
Geographic Coordinates (XY coordinates of site entrance):	Lat: 33.6356; Long: -112.4137		
9. Project Location by Township (N or S), Range (E or W), Section (1-36):	<input <="" td="" type="text" value="?"/>		
Township:	3N	Range:	2W Section: 1
10. Brief Project Description:	313 unit senior living facility with site and building amenities.		
11. Size of Project and Estimated Bulk Materials (See Instructions and Rule 310, Section 203)	<input <="" td="" type="text" value="?"/>		
Total <u>acres</u> that will be disturbed throughout the duration of this Permit, including staging areas, stockpiles, access and haul roads, parking, driveways, and temporary storage yards: 20.85 Acres			
Estimated <u>cubic yards</u> of Bulk Material to be imported/exported: 0 Import / 3000 cy Export			
12. Project Site Drawing (NOTE: A Dust Control Permit <u>will not be issued unless a drawing is submitted</u> ) <u>Attach a Site Drawing. Include on the site drawing:</u> Entire project site boundaries Nearest main crossroads North arrow Area to be disturbed, with linear dimensions Access point(s) onto paved areas accessible to the public			
13. Is this a Re-application?	<input checked="" type="checkbox"/> Yes	Previous Permit # E160079	<input type="checkbox"/> No <input <="" td="" type="text" value="?"/>
14. Estimated Project Start Date	Jan 15, 2016		<input <="" td="" type="text" value="?"/>
15. Estimated Project Completion Date	May 31, 2018		<input <="" td="" type="text" value="?"/>

## Permit Application Form, Part C: Asbestos NESHAP Information

16. Asbestos NESHAP Notification requirements	<input <="" td="" type="text" value="?"/>
---	---



Maricopa County

Air Quality Department

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Phone (602) 506-6010 Fax (602) 372-0587  
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1001 N. Central Ave. Suite 125, Phoenix, AZ 85004 or 501 N. 44th Street, Suite 200, Phoenix, AZ 85008.

**Definitions**

Demolition: The wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations or the intentional burning of a facility.

Renovation: Altering a facility or one or more facility components in any way, including the stripping or removal of Regulated Asbestos Containing Material (RACM) from a facility component.

16a. Does the Project include any demolition or renovation? ☐ Yes ☒ No

Signature(s)

**17. Certification by a Responsible Official of the Applicant**

A Responsible Official of the Applicant is the person who will be contacted or named in any enforcement action initiated by the Maricopa County Air Quality Department or the Maricopa County Attorney's Office. Pursuant to Rule 310, Section 401.3, the signature on the Dust Control Permit Application shall constitute agreement to accept responsibility for meeting the conditions of the Dust Control Permit and for ensuring that control measures are implemented throughout the project site and during the duration of the project.

Arizona Revised Statute § 13-2704 makes it a criminal offense to knowingly make a false material statement to a public servant in connection with an application for any benefit, privilege, or license.

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in the Dust Control Permit Application, including Applicant Information, Project Information, and the Dust Control Plan, are true, accurate, and complete.

Signature\*: \_\_\_\_\_ Date: Dec 21, 2016

\*Note: A signature is not required if this form is submitted online.

Printed Name: Robert Beck Title: Vice President

**18. Application Completed by (If other than Signatory):**

Signature: \_\_\_\_\_ Date: Dec 21, 2016

Printed Name: Brian Vehon Title: Permitting

Phone: 480-962-4007 Fax: 480-464-9760

Email Address: bvehon@mtvgc.com

Thank you for completing your Dust Control Permit Application. Please follow the link below to complete the Dust Control Plan.

Remember: Your Dust Control Permit Applications is not complete unless it is accompanied by a Dust Control Plan.

[http://www.maricopa.gov/aq/divisions/compliance/dust/docs/pdf/New\\_Dust\\_Control\\_Plan.pdf](http://www.maricopa.gov/aq/divisions/compliance/dust/docs/pdf/New_Dust_Control_Plan.pdf)

Check Form for Required Fields



# Maricopa County

Air Quality Department

This Dust Control Plan must be submitted with a Dust Control Permit Application. See <http://www.maricopa.gov/aq/Default.aspx> or <http://www.maricopa.gov/aq/divisions/compliance/dust/resources.aspx> or call (602) 506-6010 for more information

## DUST CONTROL PERMIT APPLICATION PACKAGE, SECTION 2: DUST CONTROL PLAN

The following will become the dust control plan that will be followed for the project named in this permit. Once fully completed and approved this Dust Control Plan must be posted on-site with the Dust Control Permit and supplied to all contractors and subcontractors.

### Primary and Contingency Control Measures

Every category (except Category A) and/or sub-category requires at least one Primary control measure and at least one Contingency control measure. Contingency control measures are the back-up or secondary action(s) that need to be implemented immediately when the primary control measure(s) fail to adequately control dust emissions at the named project.

To indicate your choice, select them in the drop-down lists next to 'primary' or 'contingency'. To add additional measures, click 'Add Primary' or 'Add Contingency' to the right of the drop-downs. To remove measures, click 'Remove Primary' or 'Remove Contingency' to the right of the drop-downs.

### Required Control Measures

Some categories have required control measures. Every control measure with a description that begins with 'Required' is a required control measure. In addition to the required primary measure(s), at least one contingency measure must be chosen for these dust-generating operations if they are applicable to your project (except in Category A).

### Categories and/or sub-categories that are not applicable

In some categories, when a category and/or sub-category does not apply to the named project, this must be acknowledged by completely filling out the final entry in the category and/or sub-category. An explanation must be supplied for WHY the category and/or sub-category is not applicable. Simply writing "NA" or "not applicable" is not sufficient.

### 'Other' as a Primary Dust Control Measure

If 'Other' is selected as a primary dust control measure in any section of this Plan, then the measure must clearly meet the requirements of Rule 310 for any dust-generating operation. Attach a separate sheet, if needed, for the description. MCAQD will apply the following minimum criteria when evaluating any unlisted dust control measures:

The dust control measure technique is a new or alternative technology that is demonstrated to be equally or more effective in meeting the dust control requirements than the existing dust control measures provided in the Dust Control Permit Application;

Site logistics do not practically allow for implementation of a listed dust control measure as written (e.g., road width or pre-existing barriers limit the size or width of a gravel pad); and

The owner and/or operator demonstrates that a listed dust control measure is technically infeasible due to site-specific or material-specific conditions, such that implementation of the dust control measure will not provide a benefit in reducing fugitive dust (e.g., pre-soaking screened, washed rock when handling).

After your Dust Control Permit Application has been approved, you must post your Dust Control Permit along with this Dust Control Plan on-site, as required by Rule 310, Section 409.

### **Category A: Wind-Blown Dust**

If wind conditions cause fugitive dust to exceed the 20% opacity requirement (Rule 310, Section 303.1(a)), then the following actions must be performed.

NOTE that there must be a plan to address a possible wind-blown dust event when no one is on site, such as on a weekend or a holiday.

Required: Ensure that all control measures and requirements of the Dust Control Plan are implemented and that violations cannot be prevented by better application, operation, or maintenance of these measures and requirements.

Required: Cease dust-generating operations.

Required: Stabilize any disturbed surface area (as specified in Rule 310, Section 304.3). Select one or more of the following stabilization methods:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Maintain a soil crust.   | <input type="checkbox"/> Maintain a threshold friction velocity (TFV) for disturbed surface areas corrected for non-erodible elements of 100 cm/second or higher. |
| <input type="checkbox"/> Maintain a vegetative ground cover. | <input type="checkbox"/> Other: <input type="text"/>  |

Required: Compile records consistent with Rule 310, Sections 502 and 503 and document the implementation of control measures and other Dust Control Plan requirements.



# Maricopa County

Air Quality Department

This Dust Control Plan must be submitted with a Dust Control Permit Application. See <http://www.maricopa.gov/aq/Default.aspx> or <http://www.maricopa.gov/aq/divisions/compliance/dust/resources.aspx> or call (602) 506-6010 for more information

## DUST CONTROL PERMIT APPLICATION PACKAGE, SECTION 2: DUST CONTROL PLAN

### Category B: Will Vehicles/Motorized Equipment Be Used on Either of the Following?

B.1 Will Vehicles/Motorized Equipment Be Used on Unpaved Staging Areas, Unpaved Parking Areas, and/or Unpaved Storage Areas?

☒ Yes ☐ No

Primary	Apply water (complete Water Supply and Application at the end of this Plan)	Add Primary	Remove Primary
Contingency	Apply and maintain gravel, recycled asphalt, or other suitable material	Add Contingency	Remove Contingency

B.2 Will Vehicles/Motorized Equipment Be Used on Unpaved Access Areas/Haul Roads?

☒ Yes ☐ No

Primary	Apply water (complete Water Supply and Application at the end of this Plan)	Add Primary	Remove Primary
Contingency	Cease operations (Note: this option may not be used as a primary control measure)	Add Contingency	Remove Contingency

### Category C: How Will Disturbed Surface Areas Be Stabilized During Each of the Following Time Periods?

Disturbed surface areas may include parking, staging, and stockpiling areas, as well as driving over previously undisturbed areas.

C.1 Before Active Operations Occur

Primary	Pre-water site to depth of cuts, allowing time for water to penetrate	Add Primary	Remove Primary
Contingency	Other (specify below)	Add Contingency	Remove Contingency

If phased work is chosen, attach a map showing the phases, their start & stop times, and their extents

Other:	Cease Dust Generating Activities
--------	----------------------------------

C.2 During Active Operations

Primary	Apply water to keep soil visibly moist (Complete Water Supply & Appl. at end of Plan)	Add Primary	Remove Primary
Contingency	Other (specify below)	Add Contingency	Remove Contingency

Other:	Cease Operations
--------	------------------

C.3 During Any Inactive Period, of Any Length, 24 Hours per Day, Seven Days per Week (including Weekends, after Work Hours, and Holidays)

Primary	Apply water (See below & complete Water Supply and Application at end of this Plan)	Add Primary	Remove Primary
Contingency	Cover storage piles with tarps, plastic, etc. such that wind will not remove covering(s)	Add Contingency	Remove Contingency

If "Apply water..." is selected for Item C3, water must be applied with the following frequencies.

Disturbed Surface Areas: Three times per day, increased to a minimum of four times per day if there is evidence of wind-blown dust.  
Open Storage Piles (temporarily disturbed): At least twice per hour in a PM10 nonattainment area; at least once per hour in a PM10 attainment area.

C.4 Permanent Stabilization of Disturbed Surface Areas.

NOTE: These measures must be completed within ten days following the completion of the dust-generating operation (if the operation is finished) or following the suspension of the dust-generating operation (if it is suspended for a period of 30 days or longer).

Primary	Pave (complete additional information below)	Add Primary	Remove Primary
Contingency	Establish vegetative ground cover (landscaping)	Add Contingency	Remove Contingency

Paving: Select one of the following. Note that additional measures that will be in place prior to paving must also be specified above.

<input type="checkbox"/> Pave prior to project	<input checked="" type="checkbox"/> Pave during project	<input type="checkbox"/> Pave at end of project
--	---	---

### Category D: Bulk Material Handling

Note: The requirements in this section are in addition to the track-out control and cleaning requirements in Section E (below).



# Maricopa County

Air Quality Department

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## DUST CONTROL PERMIT APPLICATION PACKAGE, SECTION 2: DUST CONTROL PLAN

D.1 Will Materials be Hauled from the Site onto or crossing Areas Accessible to the Public?

☒ Yes ☐ No

Required when a cargo compartment is loaded: Cover haul trucks with a tarp or other suitable closure, AND load all haul trucks such that the freeboard is not less than 3 inches, AND load all haul trucks such that at no time shall the highest point of the bulk material be higher than the sides, front, and back of the cargo container area, AND prevent spillage or loss of bulk material from holes or other openings in the cargo compartment.

Required when a cargo compartment is empty: Cover haul trucks with a tarp or other suitable closure OR clean the interior of the cargo compartment before leaving the site.

NOTE: The following options CANNOT be considered for a primary control measure.

Contingency	Apply water to the top of the load	Add Contingency	Remove Contingency
-------------	------------------------------------	-----------------	--------------------

D.2 Will Materials be Hauled or Transported within the Boundaries of the Work Site (but will not cross an Area Accessible to the Public)?

☒ Yes ☐ No

Primary	Limit vehicle speed (See note below)	Add Primary	Remove Primary
Contingency	Apply water to the top of the load	Add Contingency	Remove Contingency
Limit vehicle speed to 15 m.p.h. or less while traveling on the work site such that visible emissions coming off the load do not exceed 20% opacity			

D.3 Will Materials be Hauled or Transported within the Boundaries of the Work Site (AND will also cross or access an Area Accessible to the Public while doing so)?

☒ Yes ☐ No

If materials will be hauled or transported within the work site by travelling along the side of the work site, and the area where the materials will be hauled is not barricaded to prevent public access, then answer YES to this question.

If materials will be hauled or transported within the work site by travelling across an area accessible to the public, then answer YES to this question.

Required: Load all haul trucks such that the freeboard is not less than 3 inches AND load all haul trucks such that at no time shall the highest point of the bulk material be higher than the sides, front, and back of the cargo container area AND prevent spillage or loss of bulk material from holes or other openings in the cargo compartment AND install suitable trackout control device

NOTE: The following options CANNOT be considered for a primary control measure.

Contingency	Cease operations	Add Contingency	Remove Contingency
-------------	------------------	-----------------	--------------------

D.4 Will Bulk Materials be Loaded, Unloaded, and/or Stacked?

☒ Yes ☐ No

Primary	Apply water (complete Water Supply and Application at the end of this Plan)	Add Primary	Remove Primary
Contingency	Cease operations (Note: this option may not be used as a primary control measure)	Add Contingency	Remove Contingency

D.5 Will there be Open Storage Piles for Any Amount of Time?

☒ Yes ☐ No

Primary	Apply water to maintain soil moisture (See note below)	Add Primary	Remove Primary
Contingency	Cover open storage piles with tarps, plastic, or other material	Add Contingency	Remove Contingency
Minimum soil moisture must be 12%, or at least 70% of the optimum soil moisture content for areas that have an optimum moisture content of less than 12%. See Rule 310, Section 305.11(b)(2) for details.			





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## DUST CONTROL PERMIT APPLICATION PACKAGE, SECTION 2: DUST CONTROL PLAN

### Category E: Trackout, Carry-out, Spillage, and Erosion

#### E.1 Cleaning

Trackout/carry-out must be cleaned up immediately if trackout/carry-out extends a cumulative distance of 25 linear feet or more along a paved area accessible to the public (including curbs, gutters, and sidewalks).  
All other trackout/carry-out must be cleaned up no later than the end of the work day. (End of Work Day is the end of a working period that may include one or more work shifts. If working 24 hours a day, the end of a working period shall be considered no later than 8:00 p.m.)

Primary	Manually sweep up deposits	Add Primary	Remove Primary
Contingency	Operate a street sweeper or wet broom (See note below)	Add Contingency	Remove Contingency
Operate a street sweeper or wet broom with sufficient water and at the manufacturer's recommended speed (e.g., kick broom, steel bristle broom, Teflon broom, vacuum).			

#### E.2 Trackout Control Device

Does this site have 2 or more acres of disturbed surface area? ☒ Yes ☐ No

Will 100 or more cubic yards of bulk material be hauled on-site or off-site each day? ☒ Yes ☐ No

Required: Install, maintain, and use, at all exits to an area accessible to the public, a suitable trackout control device that controls and prevents trackout and/or removes particulate matter from tires and the exterior surfaces of haul trucks and/or motor vehicles that traverse the site. Choose at least one of the following:

☒ gravel pad ☒ grizzly or rumble grate ☐ wheel wash system ☒ paved area

Other Primary (In Addition to Above)		Add Primary	Remove Primary
Contingency	Cease operations	Add Contingency	Remove Contingency

### Category F: Grading

Mass grading is grading on a large scale over a large area prior to precise grading of individual lots or preliminary grading of final pads. It typically alters the ground contours through cutting and filling of soils to bring them within two vertical feet of the site's final grade elevations.

Fine grading is precise grading of individual lots and/or grading of final pads. It typically does not involve importing or exporting of materials beyond trench and fine grading spoils.

F.1 Will there be any mass grading on this site? ☒ Yes ☐ No

Complete Water Supply and Application information at the end of this Plan.

F.2 Will there be any fine grading on this site? ☒ Yes ☐ No

Complete Water Supply and Application information at the end of this Plan.

### Category G: Underground Utilities, Structure Excavation, and Vertical Construction

Structure excavation includes excavation for stem walls, footings, culverts, abutments, caissons, etc.

G.1 Will there be any underground utilities installed or prepared and/or any excavation done for structures to be built on the site? ☒ Yes ☐ No

Complete Water Supply and Application information at the end of this Plan.

G.2 Will there be any vertical structures built on this site? ☒ Yes ☐ No

Complete Water Supply and Application information at the end of this Plan.

### Category H: Demolition Activities

Demolition activities are the wrecking and/or removal of any supporting structural member of a facility and any related handling operations. They include activities such as removal of walls, stucco, concrete, freestanding structures, buildings, load-bearing walls, and transit pipes.

Will there be any demolition activities on this site? ☐ Yes ☒ No



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## DUST CONTROL PERMIT APPLICATION PACKAGE, SECTION 2: DUST CONTROL PLAN

### Category I: Weed Abatement by Discing or Blading

Will there be any weed abatement by discing or blading on this site?

☒ Yes ☐ No

#### I.1 Disturbance Operations before and during Weed Abatement

Required: Pre-water site AND apply water during weed abatement by discing or blading. (Complete Water Supply and Application, at the end of this Plan.)

NOTE: The following options CANNOT be considered for a primary control measure.

Contingency	Cease operations (Note: this option may not be used as a primary control measure)	Add Contingency	Remove Contingency
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#### I.2 Stabilization following Weed Abatement

Primary	Apply water (Complete Water Supply and Application at the end of this Plan)	Add Primary	Remove Primary
Contingency	Establish vegetative groundcover (landscaping)	Add Contingency	Remove Contingency

### Category J: Blasting Operations

Will there be any blasting on this site?

☐ Yes ☒ No

### Category K. Water Supply and Application

SOIL TEXTURE: If the soil on the work site has been tested, then you should rely on the test results to complete the table and you should attach a copy of the site soil report to this application.

If the soil on the work site has not been tested, then use Appendix F in the Maricopa County Air Pollution Control Regulations to complete the table below. See [http://www.maricopa.gov/aq/divisions/planning\\_analysis/rules/docs/AppendixF-0404.pdf](http://www.maricopa.gov/aq/divisions/planning_analysis/rules/docs/AppendixF-0404.pdf)

Texture of soil naturally present on work site				Texture of soil to be imported to work site			
Soil Type	Moderate - All Other Soil Types	?		Soil Type	No soil to be imported	?	

Water Source(s): Please list ALL water supplies that will be used at any point throughout the duration of the project. [Add as many as needed using the Add Source buttons on the right.]

Source	Metered Hydrant	Qty	1	Size	2.0"	Add Source	Remove Source
--------	-----------------	-----	---	------	------	------------	---------------

Water Method(s) of Application: Please list ALL water application methods that will be used at any point throughout the duration of the project. [Add as many as needed using the Add Method buttons on the right.]

Method	Water Truck	Qty	1	Size	5,000 gal.	Add Method	Remove Method
--------	-------------	-----	---	------	------------	------------	---------------

Attention: The permit holder is required to supply the minimum daily amount of water for each phase listed below. Failure to allot this amount may lead to a violation and associated fines. Furthermore, regardless of the minimum amount of water that is required, the owner and/or operator of the job site shall never cause or allow fugitive dust emissions to exceed 20% opacity. [See Rule 310, Section 303(1)(a).]

Category (Section from Dust Plan, above)	Average Daily Disturbed Area (in Acres) for this Phase	Required Minimum Amount of Water Available for this Phase of the Project
B1: Unpaved Staging, Parking & Storage Areas	20.85	10 - 100 Acres Daily Minimum Requirement 2,250 - 22,500 Gallons
B2: Unpaved Access Areas/ Haul Roads	20.85	10 - 100 Acres Daily Minimum Requirement 2,250 - 22,500 Gallons
C2: Disturbed Surfaces (During Active Operations)	20.85	10 - 100 Acres Daily Minimum Requirement 2,250 - 22,500 Gallons
C3: Disturbed Surfaces (During Inactive Periods)	20.85	10 - 100 Acres Daily Minimum Requirement 2,250 - 22,500 Gallons
F2: Fine Grading	20.85	10 - 100 Acres Daily Minimum Requirement 3,000 - 30,000 Gallons
G1: Underground Utilities/ Structure Excavation	20.85	10 - 100 Acres Daily Minimum Requirement 3,000 - 30,000 Gallons



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## DUST CONTROL PERMIT APPLICATION PACKAGE, SECTION 2: DUST CONTROL PLAN

G2: Construction of Vertical Structures	20.85	10 - 100 Acres Daily Minimum Requirement 1,500 - 15,000 Gallons				
I1: During Weed Abatement	20.85	10 - 100 Acres Daily Minimum Requirement 3,000 - 30,000 Gallons				
I2: Stabilization following Weed Abatement	20.85	10 - 100 Acres Daily Minimum Requirement 3,000 - 30,000 Gallons				
Category D4: Bulk Material Loading, Unloading & Stacking	Number of Yards to be Imported/Exported 3,000	Multiply by 30 gallons per yard; Result Appears in Next Column	Equals Total Gallons of Water Required 90,000	Number of Days of Importing/Exporting Operations 10	Divide Total Gallons Required by Number of Days; Result Appears in Next Column	Required Minimum Number of Gallons per Day Available 9,000
Category F1: Mass Grading (from Dust Plan, above)	Average Daily Disturbance (in Acres) for This Phase	NOTE: Mass Grading water requirements differ depending on the time of year--complete both sections if necessary			Required Minimum Amount of Water Available for this Phase of the Project = Average Daily Disturbance X Daily Minimum Gallons Required	
F1: Mass Grading (November-February)	20.85	Required minimum amount of water = <u>5,000 gallons/acre/day &amp; 30 gallons/cubic yard of material moved</u>			104,250	
F1: Mass Grading (March-October)	20.85	Required minimum amount of water = <u>10,000 gallons/acre/day &amp; 30 gallons/cubic yard of material moved</u>			208,500	

Click the button below to check to see if required fields have been completed. If any required fields need attention, follow the instructions in the pop-up boxes and complete any parts of the form highlighted in orange.

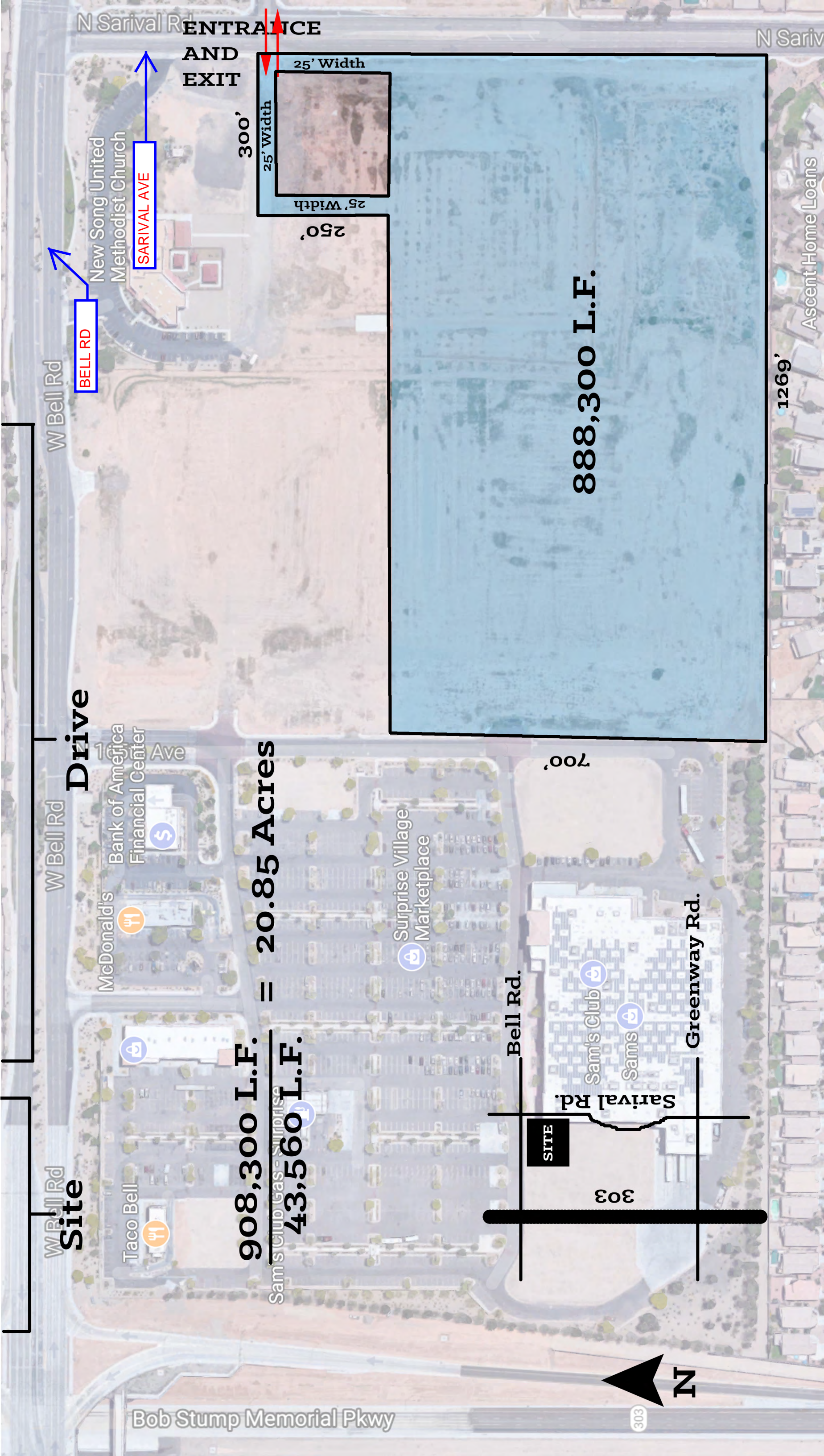
If no messages are received after clicking the button below, then all required fields have been completed.

NOTE: This process does **not** check for completion of any additional boxes that popped up based on your choices.

Check Form for Required Fields



$$\begin{array}{r} 1,269' \\ 700' \\ \hline 888,300 \text{ L.F.} \end{array} + \begin{array}{r} 300' \\ 25' \\ \hline 7,500 \text{ L.F.} \end{array} + \begin{array}{r} 250' \\ 25' \\ \hline 6,250 \text{ L.F.} \end{array} + \begin{array}{r} 250' \\ 25' \\ \hline 6,250 \text{ L.F.} \end{array} = 908,300 \text{ L.F.}$$





# ASI LOG

## PROJECT:

### FELLOWSHIP SQUARE - SURPRISE 13021

ASI NUMBER	DESCRIPTION OF ASI	AFFECTED DETAIL/SHEET	DATE ISSUED	RESPONSE TO RFI #
<b>ARCHITECTURAL</b>				
1	REVISED DETAILS FOR CEILING SEISMIC AND SHOWER VERTICAL GRAB BAR	5/AA9.3 17/AA9.5 5/AB9.3 17/AB9.5	8-8-16	N/A
2	ADD ELEVATOR #9			N/A
3	ELEVATOR REVISIONS		12-22-16	55
4	RELOCATE BLDG B LAUNDRY WALL FOR TRUSS GIRDER SUPPORT		1-16-17	N/A
5	ADD FIRE PIT AT PATIO ON EAST SIDE OF KOI POND			N/A
6	REVISE BUILDING B TOP OF MASONRY AT ELEVATOR ERROR		1-26-17	N/A
7	ADD COVERED PARKING			N/A
8	ADD USB OUTLETS	E1, E2, E3	2-1-17	N/A
9	ADD WASHER/DRYER AT BEAUTY SALON STORAGE ROOM		2-1-17	N/A
10	INTERIOR DETAILING CLARIFICATIONS			N/A
11	UNIT CABINET CHANGES			N/A
<b>STRUCTURAL</b>				
SSK1-3	INSULATED SLABS	SA2.1.3 SAD4.2	2-1-16	N/A
SSK4	SLOPE AT BALCONIES	SB2.2.1	2-11-16	11
SSK5-10	OPERABLE PARTITION SUPPORT & BRACING FOR INCREASED WEIGHT	SA1.3 SA2.1.3 SA2.2.3 SAD6.5	11-7-16	N/A
SSK13	MISSING DETAIL 336	SB6.2	1-12-17	N/A
SSK14-16	BUILDING B TRUSS GIRDER SUPPORT	SB2.1.2 SB2.2.2 SB1.3	1-16-17	N/A
<b>MECHANICAL</b>				
MSK 1	ADD WASHER & DRYER TO BEAUTY STORAGE ROOM	MA2.2.3	2-1-17	N/A

# ASI LOG

## PROJECT:

### FELLOWSHIP SQUARE - SURPRISE 13021

PLUMBING				
SKP1-5	WATER METERS COORDINATION – LOCATIONS ON CIVIL DRAWINGS	N/A	1-15-15	N/A
SKP6-20	REVISED FOR WASH DOWN AND DRAIN AT TRASH CHUTES	PA2.1.1 PA2.1.2 PA2.1.5 PA2.1.6 PA2.1.7 PA2.2.1 PA2.2.2 PA2.2.5 PA2.2.6 PA2.2.7 PA2.3.1 PA2.3.2 PA2.3.3 PA2.3.4 PA2.3.5	10-31-16	N/A
SKP-21	REVISED PLUMBING CONNECTION SCHEDULE	PA5.1.2	11-2-16	56
SKP-22-24	ADD WASHER & DRYER TO BEAUTY STORAGE ROOM	PA2.1.3 PA2.2.3 PA4.3.1	2-1-17	N/A
ELECTRICAL				
ESK 1-2	ADD ELECTRICAL CIRCUIT FOR FLAG POLE LIGHT	EC1.0 EA8.5 EA8.7	11-3-16	N/A
ESK 3-6	PROVIDE ELECTRICAL TO AIR CURTAINS AT KITCHEN EXTERIOR DOORS	EA3.1.9 EA8.4 EA8.8 EB3.1.3 EB8.3 EB8.4	11-3-16	59
ESK 7-8	ADD WASHER & DRYER TO BEAUTY STORAGE ROOM	EA3.2.3 EA8.8	2-1-17	N/A
ASI 8	ADD USB OUTLETS	E1, E2, E3	2-1-17	N/A



**GENERAL  
CONTRACTORS, INC.**

2840 N. NORWALK STREET • MESA, ARIZONA 85215 • (480) 962-4007 / FAX (480) 464-9760

PROJECT: FELLOWSHIP SQUARE SURPRISE

Project No.: MTV-2518

**Architect:**  
Reece Angell Rowe Architects  
Stephanie Rowe  
Joseph Herbst

**MTV:** Principal: Robert Beck  
Project Manager: Travis Elmer  
Project Supt 'A': Michael Elmer  
Project Supt 'B': Brad Klingaman

**Updated:**  
01/31/17 mle

RFI #	Item Description	Building: A / B / Central Plant / Site	Submitted			Closed		Remarks	Re-Submitted		Closed		Remarks	Copies						
			Received- From Sub	Sent- To A/E	Returned	Yes	No		Sent- To A/E	Returned	Yes	No		Offic e	Supt 'A'	Supt 'B'	Supt 'Site'	Sub	Sub	Sub
1	Truncated domes to asphalt transition	Site Civil	-	01/15/16	01/18/16	Yes	-	Install concrete ribbon curb between						x	02/08/16	05/06/16	05/06/16	Botta's- 05/06/16		
2	Clarification- curb detail in paved area	Site Civil	-	01/15/16	01/20/16	Yes	-	Install curb and gutter as drawn						x	02/08/16	05/06/16	05/06/16	Botta's- 05/06/16		
3	Thickness of sidewalk crossing grasscrete	Site Civil	-	01/15/16	07/07/16	Yes	-	6" Monolithic slab with turndown edges						x	07/11/16					
4	Keynote clarification- parking stalls	Site Civil	-	01/15/16	01/20/16	Yes	-	Ignore Keynote in question						x	02/08/16	05/06/16	05/06/16	Botta's- 05/06/16		
5	Keynote clarification- sidewalk & curbs	Site Civil	-	01/15/16	01/20/16	Yes	-	Strike Keynote in question						x	02/08/16	05/06/16	05/06/16	Botta's- 05/06/16		
6	Clarification- elevation of Putting Green	Site Civil	-	01/15/16	07/12/16	Yes	-	Putting green and Pickle Ball bottom of basin						x	07/19/16					
7	Clarification- Pickle-ball chain link fencing	Site	-	01/15/16	07/12/16	Yes	-	Acceptable- install fence at edge of concrete						x	07/19/16					
8	FFE of Pickle-ball court in retention basin	Site	-	01/26/16	01/28/16	Yes	-	Per City, FFE to remain; submit alt. coating	Submit alternate coating					x						
9	Clarification- color of window sill block	A, B	MAG	01/26/16	01/28/16	Yes	-	Sill block to match header block: CMU-3						x	02/08/16			Integrated- 02/08/16	MAG- 02/08/16	
10	1) Bldg A block elevation; 2) Detail for corner	A	Integrated- 01/26/16	01/26/16	01/28/16	Yes	-	1) Elevation provided; 2) New wall elevation-SK						x	02/10/16			Integrated- 02/10/16		
11	Hollow core plank slope at balcony	B	Tpac	01/26/16	01/27/16	-	No	Slope planks to achieve slope, topping slab 3"	02/09/10	02/16/16	Yes	-	Slope @ bearing pt	x				Tpac- 02/16/16		
12	Block jambs at windows openings	A, B	Integrated- 01/26/16	01/27/16	01/28/16	Yes	-	Approved to install solid offset or lintel blocks						x	01/28/16	01/28/16	01/28/16	Integrated- 01/28/16	MAG- 01/28/16	
13	No fire main shown entering Central Plant	Site, Central Plant	-	02/09/16	02/10/16	Yes	-	Main line shown for Riser Room via hand sketch						x	02/10/16					
14	Clarification- masonry type- parapet walls	A, B, Central Plant	Integrated- 02/08/16	02/09/16	04/20/16	Yes	-	Use CMU-3 for cap block; Grout as selected						x	04/20/16	04/20/16	04/20/16	Integrated- 04/20/16	MAG- 04/20/16	
15	Flow line & curb type for parking stalls	Site Civil	-	02/10/16	07/12/16	Yes	-	Install per plans						x	07/19/16					
16	Truncated domes on grade at asphalt	Site Civil	-	02/10/16	07/12/16	Yes	-	Install per plans						x	07/19/16					
17	Foundation detail for Chiller Yard	Central Plant	Integrated- 02/10/16	02/11/16	04/20/16	Yes	-	See Detail 123 on SAD4.2; Detail 114 to follow						x	04/20/16	04/20/16	04/20/16	Integrated- 04/20/16		
18	Clarification- Fly Ash in masonry grout mix	A, B, Central Plant	Integrated- 02/23/16	02/24/16	04/22/16	Yes	-	No more than 40% fly ash in masonry grout						x	04/22/16	04/22/16	04/22/16	Integrated- 04/22/16	MAG- 04/22/16	
19	Request- Fly ash use- all concrete mixes	A, B, Central Plant, Site Civil	Botta's- 02/29/16	03/03/16	04/20/16	Yes	-	Fly ash is permitted						x	04/20/16	04/20/16	04/20/16	Botta's- 04/20/16		
20	Clarification- Ductwork insulation	A, B, Central Plant	-	03/03/16	05/19/16	Yes	-	Changes to duct wrap & liner made						x				CSUSA- 05/19/16		
21	Clarification- Commissioning agent	A, B, Central Plant	-	03/03/16	05/19/16	Yes	-	CxA services by AZPE; MTV to facilitate						x						
22	Clarification- Volume Dampers in corridors	A	-	03/03/16	05/19/16	Yes	-	All 8" CD-1's req. volumer dampers; MA4.0/15						x						
23	Clarification- Return grille designation	B	-	03/03/16	05/19/16	Yes	-	Use RR-2 per MB6.0; OBD not required						x						

24	Clarification- Misc. Mechanical Key Notes	A, B	-	03/04/16	01/31/17														
25	Clarification- Masonry Lintel types	A	-	03/08/16	03/10/16	Yes	-	Clarification provided: ML types defined							x	03/14/16		Integrated-03/14/16	
26	Clarification- Structural Roof Framing Note	A	-	03/08/16	07/12/16	Yes	-	Clarification provided: H1 corrected as B7							x	07/19/16			
27	Clarification- Masonry Lintel types	A, B	-	03/10/16	07/12/16	Yes	-	Clarification provided: ML types defined							x	07/19/16			
28	Clarification & Correction- Steel Lintel	A	-	03/10/16	07/18/16											07/25/16			
29	Information Request- Fire Place details	A	-	03/11/16	07/12/16	Yes	-	See AA10.1/2, wall C; Plaster- front, gyp sides							x	07/19/16			
30	Information Request- Ext. Ceramic Tile	A, B	-	03/15/16	07/12/16			Detail provided; W.I. installs through stucco	Need clarification on AB9.2/1: how does rosette anchor?										
31	Clarification- Masonry pilasters color	A, B, Site	-	03/15/16	04/20/16	Yes	-	Use CMU-2 Mojave Brown for the pilasters							x	05/06/16	05/06/16	05/06/16	Integrated-5/6/2016
32	Clarification- Drywell quantity	Site	-	03/15/16	03/16/15	Yes	-	Drywell count confirmed: (11)							x				
33	Substitution-V/E- Plastic vs Copper pipe	A, B	-	03/22/16	01/25/17	Yes	-	CPVC: CHW, mains, risers; Cu: HW & HWR											
34	Information Request- Roof Access	Central Plant	-	03/22/16	07/12/16	Yes	-	No access reqd; no equip mounted in plant							x	07/19/16			
35	Clarification- Mailboxes- Type & Qty	A, B	-	03/22/16	07/13/16	Yes	-	Clarification provided; See new wall elevations							x	07/19/16			
36	Clarification- Floor Construction Mat'l	A	-	03/31/16	07/25/16	Yes	-	Attic Storage to have 8" hollow core planks							x	07/25/16			
37	Information Request- Wall Elevation	A	-	04/06/16	07/12/16	Yes	-	Wall elevation information provided, clarified							x	07/19/16			
38	Information Request- Wall Elevation	B	-	04/06/16	07/13/16	Yes	-	Scope clarified; See new details B2.1, B3.1							x	07/19/16			
39	Clarification- Waterproofing at chimney	A	-	04/06/16	07/12/16	Yes	-	Copper trim & foam cornice trim acceptable							x	07/19/16			
40	Clarification- Masonry Elevations	A	-	04/06/16	07/12/16	Yes	-	Wall elevation information provided, clarified							x	07/19/16			
41	Clarification- Elevator Shaft Dimensions	A	-	04/06/16	07/12/16	Yes	-	Change wall length in storage room as needed							x	07/19/16			
42	Clarification- Corridor ceiling headers	B	-	04/08/16	07/12/16			Header info provided; Wrap openings @ header	Clarify location of #3						x	07/19/16			
43	Information Request- Concrete openings	B	-	04/15/16	07/12/16			Detail SBD4.1/103 provided	Clarify whether A9.5/12 really tied to AB8.4/20						x	07/19/16			
44	Clarification- Stucco & Trim at eaves	A, B	-	05/10/16	05/16/16	Yes	-	Use 1x2 primed trim, caulk trim to stucco							x	07/19/16	05/16/16		
45	Clarification- Gable End Trusses	B	-	05/11/16	07/12/16	Yes	-	Recess plywood, install vapor barrier & CJ							x	07/19/16			
46	Clarification- Masonry control joint layout	Site	-	05/12/16	07/12/16	Yes	-	Use 20'-0" spacing, standard lay-out	MTV to determine lay-out, E to W, cuts on W						x	07/19/16			
47	Clarification- Masonry transitions	B	-	05/12/16	07/12/16	Yes	-	Move fence 24" west; Bring CMU 1&4 to line N walls stucco; E&W wrap CMU/stucco adjacent walls							x	07/19/16			
48	Clarification- Masonry finish at alcoves	B	-	05/12/16	07/12/16	Yes	-								x	07/19/16			
49	Clarification- Size of furring channels	A, B	-	06/06/16	07/12/16	Yes	-	1 5/8" & 'Z' acceptable; remain consistent							x	07/19/16			
50	Clarification- Ceiling batt insulation facing	A, B, Central Plant, Pool	-	06/10/16	07/13/16			Need Class A Cat 1; check cost Type 2 vs 3							x	07/19/16			
51	Clarification- Waste and vent piping in masonry wall	A, B	Danco	07/05/16	07/05/16	01/25/17	-	No	Need a different solution										

52	Clarification- Ext HM Door/Frame paint schedule	A, B	-	07/21/16	01/25/17	Yes	-	Provided updated elevations											
53	Elevator pit depth revision	A, B	Thyssen Krupp	08/22/16	08/22/16	Yes		Walls and floor as drawn (it is not affected)						x	08/22/16				
54	Elevator hoist beam	A, B	-	09/01/16	09/06/16	Yes	-	W8 X 10 Beam to be used at elevator hoists						x	09/06/16				
55	Elevator equipment room sizing	A	-	09/01/16	01/25/17	Yes													
56	Clarification- Plumbing schedule	A	-	10/31/16	11/02/16	Yes	-	Updated Connection Schedule issued						x	11/02/16			Danco 11/3/16	
57	Substitution- Plumbing Fixtures	A, B, Pool	-	10/31/16	11/02/16	Yes	-	Fixture manufacturer substitutions provided						x	11/02/16			Danco 11/3/16	
58	Clarification- Tub & Shower Spec	A	-	11/01/16	01/25/17	Yes													
✓ 59	Information Request- Power at Air Curtains	A, B	-	11/01/16	11/03/16	Yes		ESK Provided, Need to provide power											
60	Clarification- Structural Pad Fill at slabs	A, B	Buesing	12/15/16	12/15/16	Yes	-	Okay to follow geotech for pad cap material											
61	Clarification- Split Face CMU Orientation	Site	MAG	01/13/17	01/13/17	Yes	-	Perimeter CMU walls- mirror buildings; split face faces in to site											
62	Multiply girder truss @ Bldg B	B	K-10	01/26/17															
63	Entrance beams at Bldg B	B	K-10	01/26/17	01/31/17	Yes		Use Glulam beam											
64	Horton Automatic Doors @ A & B	A/B	Chaparral	01/31/17															
65																			
66																			
67																			
68																			
69																			
70																			
71																			
72																			
73																			
74																			
75																			
76																			
77																			
78																			
79																			



Client:		Project Number: 162441TA	
Project Name: Fellowship Square Surprise		Permit Number:	
Project Address: 16477 W. Bell Rd. and 16440 N. Sarival Ave. – Surprise, AZ			
Contractor:			
Describe inspections made including locations: The following observations were made at the Fellowship Square by the special inspector.  1. The special inspector was present and observed the steel reinforcing of the site wall/retaining wall footings at the Fellowship Square lot at the following locations: (the footings for the entire section of site/retaining wall running east to west just north of Building B and the Central Plant) and (approximately a 200' section of footing running north to south just east of Building A starting from the south end of the wall going north). The footings were dug to the correct size and reinforced per Detail 105/SBD4.1 for the section of site wall not retaining and Detail 513/C-1 for the section of retaining wall. All bars appeared to have been installed per plan with the required spacing, clearances, and lap splices.			
X	Above areas of work appear to be in conformance to project requirements.		
	Above areas of work appear to be in conformance to project requirements with the exception of the items listed below.		
List items requiring correction:			
Signed: Sean Hashagen Sean Hashagen, Special Inspector		Date: January 13, 2017	





January 16, 2017

Travis Elmer  
Christian Care Surprise, Inc.  
C/o MTV General Contractors, Inc.  
2840 N. Norwalk Street  
Mesa, AZ 85215

**RE: Grading Report  
Fellowship Square Surprise –  
Central Plant  
16640 N. Sarival Road  
Surprise, AZ  
Project No. 162441TA**

Dear Mr. Elmer,

At your request, we have performed field density tests on subgrade and compacted fill within the building pad at the referenced site. Details of the operations were presented in the Daily Field Reports and laboratory and field test data, copies of which have been previously transmitted.


A soils investigation has been performed for this project by Speedie and Associates, project # 141884SA, dated October 28, 2014. To the best of our professional opinion, the Geotechnical requirements of the soil investigation report with respect to the building pad, including the limitations contained therein, have been met. A guarantee that the contractor has necessarily performed this work in full accord with the plans and specifications is neither intended nor implied.

Based upon our observations of earthwork operations, it is our professional opinion that the engineered fill is suitable for the support of spread footings placed at a minimum depth of 18 inches below exterior lowest finished exterior grade within 5 feet and designed on the basis of a net allowable bearing capacity of 2,500 pounds per square foot.

If you have any questions or need additional assistance, please do not hesitate to call.

Respectfully submitted,

SPEEDIE & ASSOCIATES

  
Jason C. Wells, P.E.



# **SPEEDIE AND ASSOCIATES**

GEOTECHNICAL/ENVIRONMENTAL/MATERIALS ENGINEERS  
3331 E. Wood St., Phoenix, Arizona 85040 Telephone (602) 997-6391 Fax (602) 943-5508

## **LETTER OF TRANSMITTAL**

**TO: MTV General Contractors, Inc.**  
**2840 N. Norwalk Street**  
**Mesa, AZ 85215**

**ATTN: Travis Elmer**  
**(telmer@mtvgc.com)**

**DATE:** January 3, 2017

**Project No.** 162441TA

**RE:** Fellowship Square Surprise  
16477 W. Bell Road and 16640 N. Sarival Road  
Surprise, AZ

**CLIENT PROJECT NO.**

<b>COPIES</b>	<b>NUMBER</b>	<b>DATE</b>	<b>DESCRIPTION</b>
1	11 Sheets	12/23/2016	Laboratory Report

### **THESE ARE TRANSMITTED as checked below:**

For Approval

Approved as Submitted

Resubmit \_\_ Copies for Approval

For Your Use

Approved as Noted

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As Requested

Returned for Corrections

Return \_\_ Corrected Prints

For Review and Comment

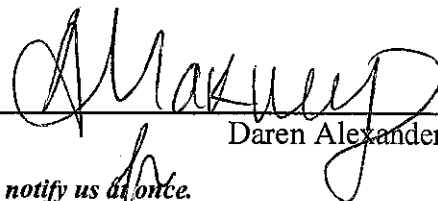
Disapproved

For Release to Bidders

### **Remarks:**

Cc: melmer@mtvgc.com

**BY:**



Daren Alexander Voyles

*If enclosures are not as noted, kindly notify us at once.*

# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487318  
Field No. NAT1  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Silty, Clayey Sand

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B4 @ 6'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2 1/2 / 62.5	100	
2 / 50.0	100	
1 1/2 / 37.5	100	
1 / 25.0	100	
3/4 / 19.0	100	
1/2 / 12.5	99	
3/8 / 9.5	98	
1/4 / 6.3	96	
#4 / 4.75	94	
#8 / 2.36	89	
#10 / 2.00	88	
#16 / 1.18	84	
#30 / .600	74	
#40 / .425	68	
#50 / .300	62	
#100 / .150	52	
#200 / .075	43.9	

#### PHYSICAL PROPERTIES

RESULTS TARGET/  
SPECIFICATION

#### LIQUID & PLASTIC PROPERTIES, ASTM D 4318

Liquid Limit	26
Plastic Limit	19
Plasticity Index	7

Comments: NT denotes material not  
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either express or implied is included or intended.

Reviewed by

Laboratory Manager

Copies to: Addressee (1)



# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487319  
Field No. NAT2  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Sandy Silt

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B4 @ 3'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2 1/2 / 62.5	100	
2 / 50.0	100	
1 1/2 / 37.5	100	
1 / 25.0	100	
3/4 / 19.0	100	
1/2 / 12.5	100	
3/8 / 9.5	100	
1/4 / 6.3	99	
#4 / 4.75	98	
#8 / 2.36	95	
#10 / 2.00	93	
#16 / 1.18	88	
#30 / .600	79	
#40 / .425	74	
#50 / .300	70	
#100 / .150	66	
#200 / .075	63.6	

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PHYSICAL PROPERTIES		TARGET/ SPECIFICATION
	RESULTS	
LIQUID & PLASTIC PROPERTIES, ASTM D 4318		
Liquid Limit	44	
Plastic Limit	27	
Plasticity Index	17	

Reviewed by

Laboratory Manager

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# LABORATORY REPORT

# SPEEDIE AND ASSOCIATES

GEOTECHNICAL / ENVIRONMENTAL / MATERIALS ENGINEERS  
3331 EAST WOOD STREET, PHOENIX, ARIZONA 85040

## Physical Properties of Soils and Aggregates

Client: Christian Care Surprise, Inc.  
Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, Arizona 85029

Project No. 162441TA  
Lab No. 487319  
Field No. NAT2  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road, Surprise, Arizona

Material: Sandy Silt

Sampled By: HG

Date: 12/14/2016

Source: Native

Submitted By: HG

Date: 12/14/2016

Supplier: Unknown

Authorized By: Client

Date: 12/14/2016

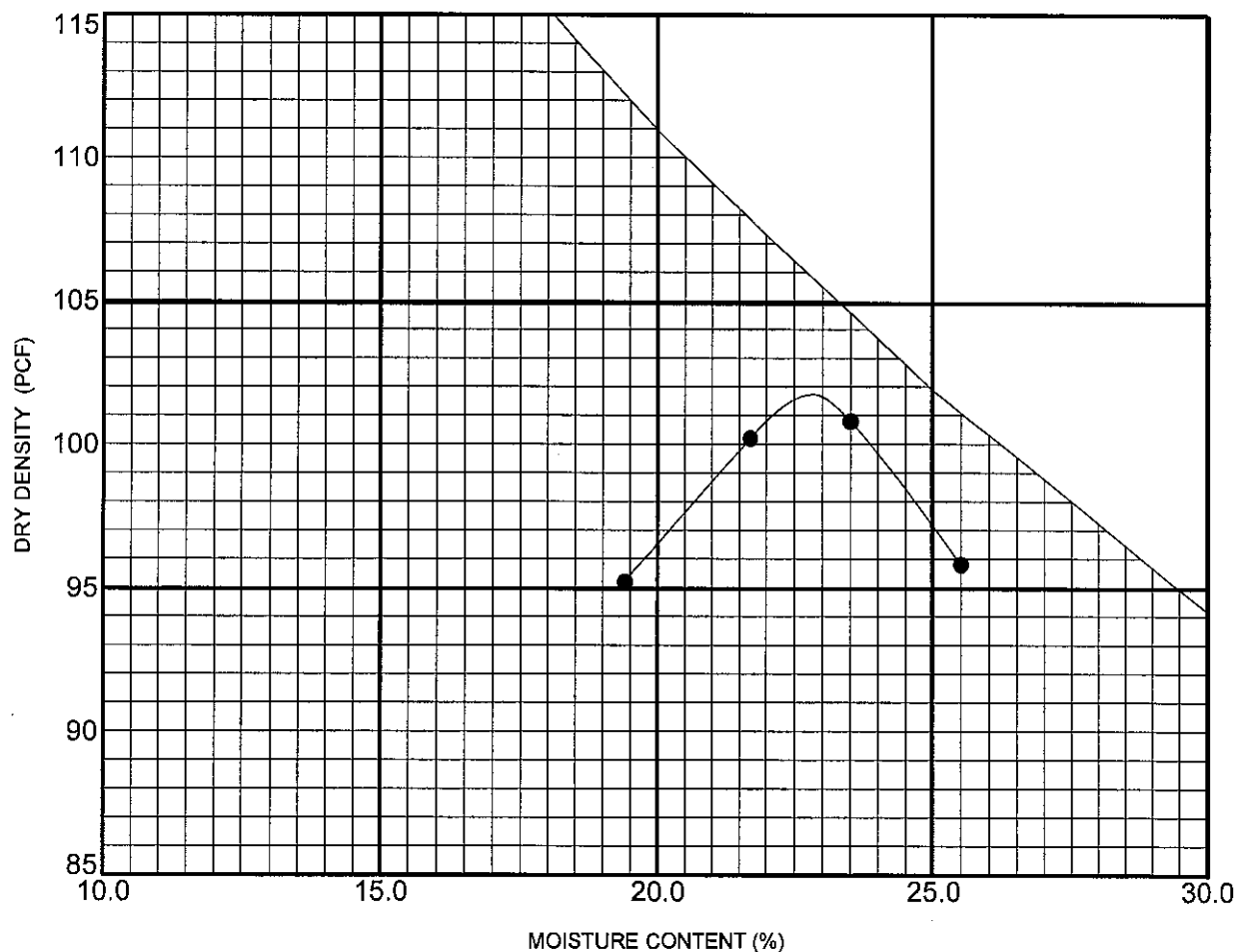
Sample Location: B4 @ 3'

Remarks: 2% Rock Retained on No. 4 Sieve

ASTM D698 Method A

MAXIMUM DRY DENSITY: 101.7 PCF

OPTIMUM MOISTURE CONTENT: 22.8%



### SWELL TEST DATA

% Initial Moisture	% Compaction	Confining Load, psf	% Swell
20.8	95.2	100	1.9

# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487320  
Field No. NAT3  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Poorly Graded Sand with Silt

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B4 @ 9.5'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2 1/2 / 62.5	100	
2 / 50.0	100	
1 1/2 / 37.5	100	
1 / 25.0	100	
3/4 / 19.0	100	
1/2 / 12.5	99	
3/8 / 9.5	98	
1/4 / 6.3	97	
#4 / 4.75	95	
#8 / 2.36	90	
#10 / 2.00	88	
#16 / 1.18	77	
#30 / .600	50	
#40 / .425	34	
#50 / .300	21	
#100 / .150	10	
#200 / .075	7.2	

#### PHYSICAL PROPERTIES

RESULTS TARGET/  
SPECIFICATION

#### LIQUID & PLASTIC PROPERTIES, ASTM D 4318

Liquid Limit

N/A

Plastic Limit

Non-Plastic

Plasticity Index

Non-Plastic

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Laboratory Manager

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# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487321  
Field No. NAT4  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Well Graded Sand with Silt

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B2 @ 6'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2½ / 62.5	100	
2 / 50.0	100	
1½ / 37.5	100	
1 / 25.0	98	
¾ / 19.0	98	
½ / 12.5	95	
⅜ / 9.5	93	
¼ / 6.3	90	
#4 / 4.75	88	
#8 / 2.36	82	
#10 / 2.00	80	
#16 / 1.18	73	
#30 / .600	59	
#40 / .425	48	
#50 / .300	34	
#100 / .150	16	
#200 / .075	10.9	

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PHYSICAL PROPERTIES		TARGET/ SPECIFICATION
	RESULTS	
LIQUID & PLASTIC PROPERTIES, ASTM D 4318		
Liquid Limit	N/A	
Plastic Limit	Non-Plastic	
Plasticity Index	Non-Plastic	

Reviewed by

Laboratory Manager

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# LABORATORY REPORT

# SPEEDIE AND ASSOCIATES

GEOTECHNICAL / ENVIRONMENTAL / MATERIALS ENGINEERS  
3331 EAST WOOD STREET, PHOENIX, ARIZONA 85040

## Physical Properties of Soils and Aggregates

Client: Christian Care Surprise, Inc.  
Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, Arizona 85029

Project No. 162441TA  
Lab No. 487321  
Field No. NAT4  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road, Surprise, Arizona

Material: Well Graded Sand with Silt

Sampled By: HG Date: 12/14/2016

Source: Native

Submitted By: HG Date: 12/14/2016

Supplier: Unknown

Authorized By: Client Date: 12/14/2016

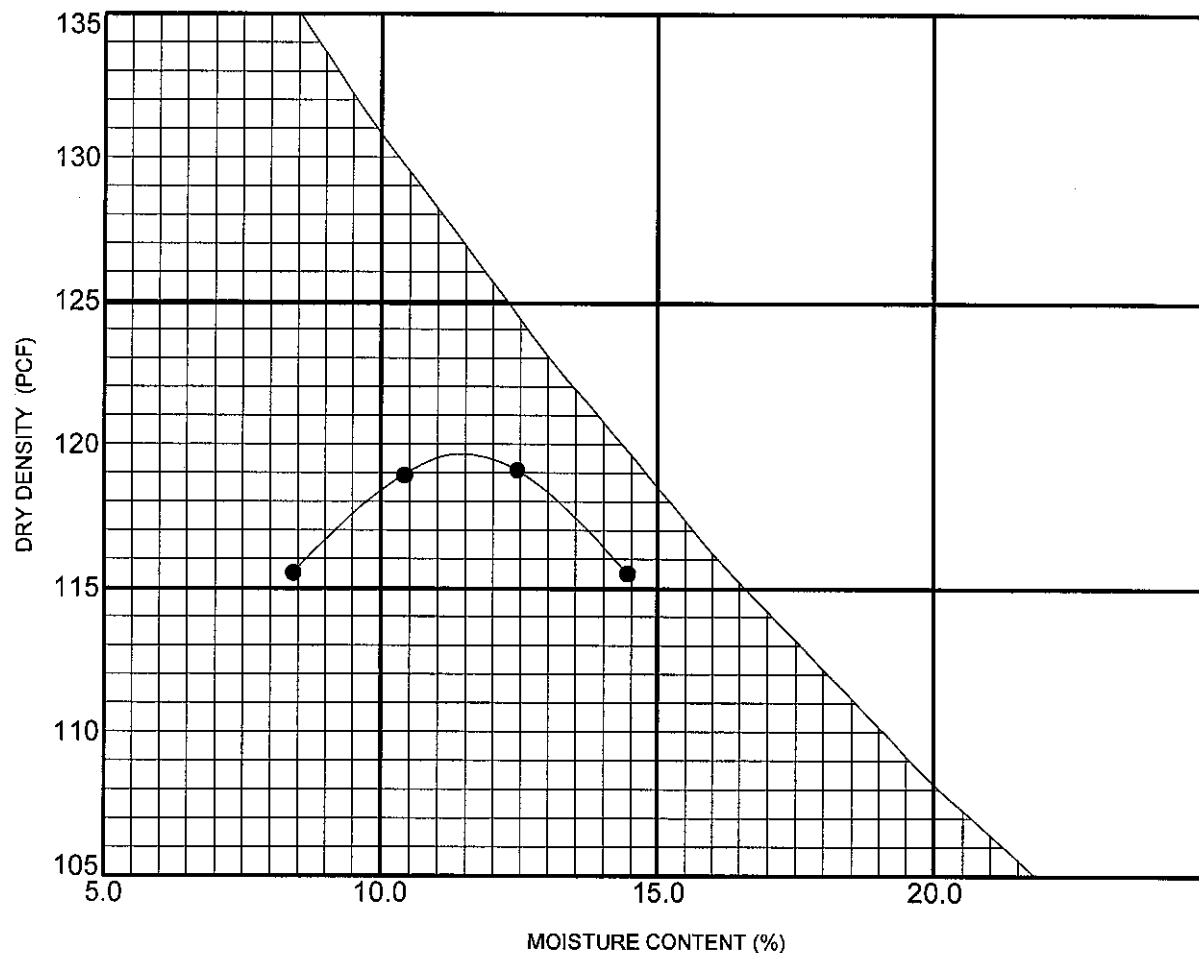
Sample Location: B2 @ 6'

Remarks: 12% Rock Retained on No. 4 Sieve

ASTM D698 Method A

MAXIMUM DRY DENSITY: 119.6 PCF

OPTIMUM MOISTURE CONTENT: 11.4%



### SWELL TEST DATA

% Initial Moisture	% Compaction	Confining Load, psf	% Swell
9.2	95.3	100	0.1

# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487322  
Field No. NAT5  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Poorly Graded Sand with Silt and Gravel

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B2 @ 9'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2 1/2 / 62.5	100	
2 / 50.0	99	
1 1/2 / 37.5	98	
1 / 25.0	96	
3/4 / 19.0	95	
1/2 / 12.5	91	
3/8 / 9.5	89	
1/4 / 6.3	85	
#4 / 4.75	82	
#8 / 2.36	74	
#10 / 2.00	71	
#16 / 1.18	59	
#30 / .600	37	
#40 / .425	24	
#50 / .300	15	
#100 / .150	7	
#200 / .075	5.4	

#### PHYSICAL PROPERTIES

RESULTS TARGET/  
SPECIFICATION

#### LIQUID & PLASTIC PROPERTIES, ASTM D 4318

Liquid Limit

N/A

Plastic Limit

Non-Plastic

Plasticity Index

Non-Plastic

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Reviewed by

Laboratory Manager

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# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487323  
Field No. NAT6  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Well Graded Sand with Silt and Gravel

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B1 @ 9'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2 1/2 / 62.5	100	
2 / 50.0	100	
1 1/2 / 37.5	100	
1 / 25.0	99	
3/4 / 19.0	99	
1/2 / 12.5	96	
3/8 / 9.5	93	
1/4 / 6.3	87	
#4 / 4.75	82	
#8 / 2.36	67	
#10 / 2.00	64	
#16 / 1.18	49	
#30 / .600	31	
#40 / .425	23	
#50 / .300	16	
#100 / .150	9	
#200 / .075	5.7	

#### PHYSICAL PROPERTIES

RESULTS TARGET/  
SPECIFICATION

#### LIQUID & PLASTIC PROPERTIES, ASTM D 4318

Liquid Limit

N/A

Plastic Limit

Non-Plastic

Plasticity Index

Non-Plastic

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Reviewed by

Laboratory Manager

Copies to: Addressee (1)



# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487324  
Field No. NAT7  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Well Graded Sand with Silt and Gravel

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B1 @ 6'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2½ / 62.5	100	
2 / 50.0	100	
1½ / 37.5	100	
1 / 25.0	99	
¾ / 19.0	96	
½ / 12.5	91	
⅜ / 9.5	87	
¼ / 6.3	78	
#4 / 4.75	72	
#8 / 2.36	60	
#10 / 2.00	57	
#16 / 1.18	46	
#30 / .600	32	
#40 / .425	25	
#50 / .300	20	
#100 / .150	12	
#200 / .075	7.2	

PHYSICAL PROPERTIES		TARGET/ SPECIFICATION
	RESULTS	
LIQUID & PLASTIC PROPERTIES, ASTM D 4318		
Liquid Limit	N/A	
Plastic Limit	Non-Plastic	
Plasticity Index	Non-Plastic	

Comments: NT denotes material not  
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\* denotes material out  
of specification.

Laboratory test results reported herein apply only to the specific sample on which the test was run. The above services and report were performed pursuant to the terms and conditions of the agreement or proposal, if any, between SA and client. SA warrants that this work was performed under the appropriate standard of care, including the skill and judgement that is reasonably expected from similarly situated professionals. No other warranty, guaranty, or representation, either express or implied is included or intended.

Reviewed by

Laboratory Manager

Copies to: Addressee (1)



# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487326  
Field No. NAT8  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Silty Sand with Gravel

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B7 @ 8'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2 1/2 / 62.5	100	
2 / 50.0	100	
1 1/2 / 37.5	99	
1 / 25.0	96	
3/4 / 19.0	94	
1/2 / 12.5	92	
3/8 / 9.5	89	
1/4 / 6.3	86	
#4 / 4.75	84	
#8 / 2.36	78	
#10 / 2.00	77	
#16 / 1.18	70	
#30 / .600	58	
#40 / .425	49	
#50 / .300	40	
#100 / .150	24	
#200 / .075	16.4	

#### PHYSICAL PROPERTIES

RESULTS TARGET/  
SPECIFICATION

#### LIQUID & PLASTIC PROPERTIES, ASTM D 4318

Liquid Limit

N/A

Plastic Limit

Non-Plastic

Plasticity Index

Non-Plastic

Comments: NT denotes material not  
tested for this property.

\* denotes material out  
of specification.

Laboratory test results reported herein apply only to the specific sample on which the test was run. The above services and report were performed pursuant to the terms and conditions of the agreement or proposal, if any, between SA and client. SA warrants that this work was performed under the appropriate standard of care, including the skill and judgement that is reasonably expected from similarly situated professionals. No other warranty, guaranty, or representation, either express or implied is included or intended.

Reviewed by

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# SPEEDIE AND ASSOCIATES

Geotechnical ■ Environmental ■ Materials Engineers  
3331 EAST WOOD STREET • PHOENIX, ARIZONA 85040

## LABORATORY REPORT

### Physical Properties of Soil and Aggregate

Client: Christian Care Surprise, Inc.  
ATTN: Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, AZ, 85029

Project No. 162441TA  
Lab No. 487327  
Field No. NAT9  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road

Material: Clayey Sand with Gravel

Sampled By: H. Gamon

Date: 12-14-16

Source/ID: Native

Submitted By: H. Gamon

Date: 12-14-16

Supplier: Unknown

Authorized By: Client

Date: 12-14-16

Sample Location: B3 @ 10.5'

### SIEVE ANALYSIS - ASTM C 136 & D 1140 ADDITIONAL TESTING

SIEVE SIZE in/mm	CUMULATIVE % PASSING	PROJECT SPECIFICATION
6 / 150.0	100	
3 / 75.0	100	
2 1/2 / 62.5	100	
2 / 50.0	100	
1 1/2 / 37.5	100	
1 / 25.0	99	
3/4 / 19.0	99	
1/2 / 12.5	97	
3/8 / 9.5	95	
1/4 / 6.3	89	
#4 / 4.75	83	
#8 / 2.36	64	
#10 / 2.00	59	
#16 / 1.18	46	
#30 / .600	32	
#40 / .425	26	
#50 / .300	21	
#100 / .150	15	
#200 / .075	12.6	

#### PHYSICAL PROPERTIES

#### RESULTS

#### TARGET/ SPECIFICATION

#### LIQUID & PLASTIC PROPERTIES, ASTM D 4318

Liquid Limit

29

Plastic Limit

17

Plasticity Index

12

Comments: NT denotes material not  
tested for this property.

\* denotes material out  
of specification.

Laboratory test results reported herein apply only to the  
specific sample on which the test was run. The above services  
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either express or implied is included or intended.

Reviewed by

Laboratory Manager

Copies to: Addressee (1)



# LABORATORY REPORT

# SPEEDIE AND ASSOCIATES

GEOTECHNICAL / ENVIRONMENTAL / MATERIALS ENGINEERS  
3331 EAST WOOD STREET, PHOENIX, ARIZONA 85040

## Physical Properties of Soils and Aggregates

Client: Christian Care Surprise, Inc.  
Travis Elmer  
2002 W. Sunnyside Dr.  
Phoenix, Arizona 85029

Project No. 162441TA  
Lab No. 487327  
Field No. NAT9  
Report Date: 12/23/2016

Project: Fellowship Square Surprise

Location: 16477 W. Bell Road and 16640 N. Sarival Road, Surprise, Arizona

Material: Clayey Sand with Gravel

Sampled By: HG

Date: 12/14/2016

Source: Native

Submitted By: HG

Date: 12/14/2016

Supplier: Unknown

Authorized By: Client

Date: 12/14/2016

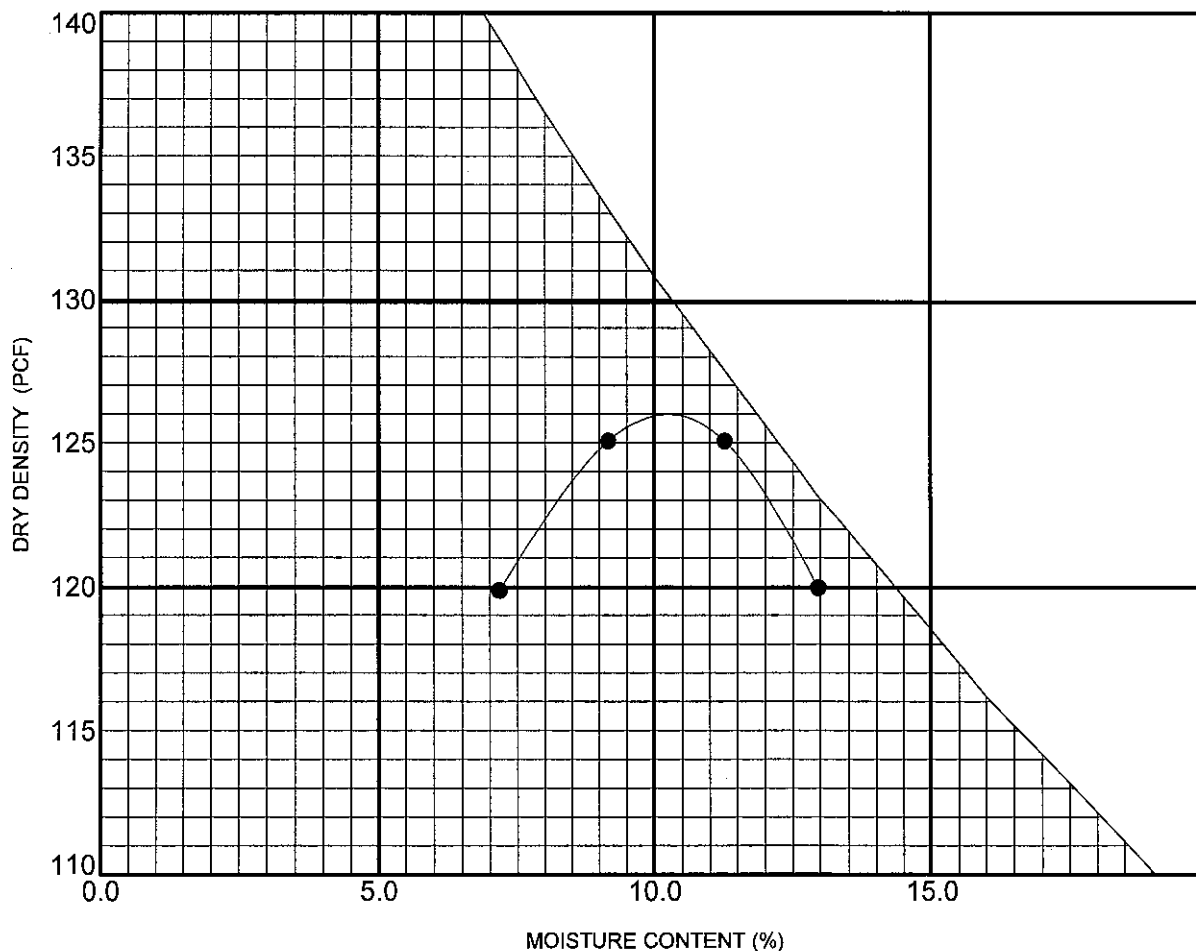
Sample Location: B3 @ 10.5'

Remarks: 17% Rock Retained on No. 4 Sieve

ASTM D698 Method A

MAXIMUM DRY DENSITY: 126.0 PCF

OPTIMUM MOISTURE CONTENT: 10.3%



### SWELL TEST DATA

% Initial Moisture	% Compaction	Confining Load, psf	% Swell
8.3	95.0	100	0.0

## LETTER OF TRANSMITTAL

**TO: MTV General Contractors, Inc.**  
2840 N. Norwalk Street  
Mesa, AZ 85215

**ATTN: Travis Elmer**  
(telmer@mtvgc.com)

**DATE:** January 27, 2017

**Project No.** 162441TA

**RE:** Fellowship Square Surprise  
16477 W. Bell Road and 16640 N. Sarival Road  
Surprise, AZ

**CLIENT PROJECT NO.**

COPIES	NUMBER	DATE	DESCRIPTION
1	2 Sheets	01-25-17	Daily Concrete Report

**THESE ARE TRANSMITTED as checked below:**

For Approval

Approved as Submitted

Resubmit \_\_ Copies for Approval

For Your Use

Approved as Noted

Submit \_\_ Copies for Distribution

As Requested

Returned for Corrections

Return \_\_ Corrected Prints

For Review and Comment

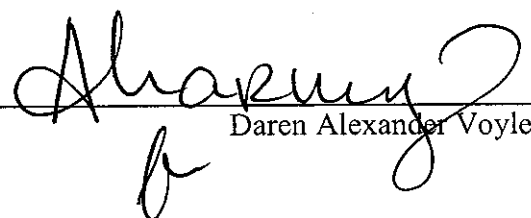
Disapproved

For Release to Bidders

**Remarks:**

Cc: melmer@mtvgc.com

**BY:**

  
Daren Alexander Voyles



# SPEEDIE AND ASSOCIATES

Geotechnical • Environmental • Materials Engineers  
3331 E. WOOD ST., PHOENIX, AZ 85040 • ☎ 602-997-8391 F: 602-943-5508

## Daily Concrete Report

Project: <b>Fellowship Square Surprise</b>	Project ID: <b>162441TA</b>
Location: <b>16477 W. Bell Road and 16640 N. Sarival Road</b>	Permit No.:
Client: <b>Christian Care Surprise, Inc. c/o MTV General Contractors, Inc.</b>	Lab No: <b>UP586</b>
Contractor: <b>Botta's Concrete Construction</b>	Set No: <b>1</b>
Supplier: <b>Desert Ready Mix</b>	Plant No: <b>15</b>

Sample Type: Concrete 4 x 8

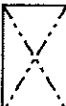
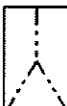
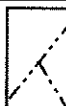
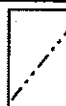
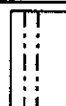
Design Strength: 3000 PSI @ 28 Days	Time Of Loading: 11:33 AM
Cement Type:	Time Arrived: 11:52 AM
Mix Number: F113011	Time Of Sampling: 12:10 PM
Truck No: 1523	Time In Mixer: 37 min.
Ticket No: 15029278	Water Added On Site 0 gals BT 0 gals AT

Field Tests: ASTM C-31 Making and Curing Concrete Test Specimens in the Field

	Tested	Specified	
Slump: (ASTM C-143)	6.00 in	7 in	Field Cure: Vermiculite
Air Content: (ASTM C-231)	%	%	Weather: Cloudy
			Temperature: Air: 59 °F Mix: (ASTM C-1064) 66 °F
			Batch Size: 11 yds*
Cone Penetration: (ASTM C-780) mm			No. Of Samples 4 Unit Weight: (ASTM C-138) PCF
Area of Placement: Site Wall Footings, NEC			
Field Remarks:			

Lab Tests: ASTM-C39&C1231 Compressive Strength of Concrete Specimens

Laboratory Number	Test Age Days	Test Date	Lab Tech ID	Type of Fracture	Diameter	Area in²	Maximum Load		Avg.	% Design Strength
							Load Lbs.	PSI		
UP586	7	1/25/2017	RYW	4	4.00	12.566	31970	2540	2540	85%
UP586	28	2/15/2017								
UP586	28	2/15/2017								
UP586	Hold									

Type of Fracture	 Cone (1)	 Cone and Split (2)	 Cone and Shear (3)	 Shear (4)	 Columnar (5)
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Lab Remarks:

<b>Copies</b> 1 Desert Ready Mix 1 MTV General Contractors, Inc.	Date Requested: 01/17/2017 By: CLIENT Date Sampled: 01/18/2017 By: HJG Date Submitted: 01/19/2017 By: Date Checked: 01/25/2017 By: Date Reported: 01/25/2017 By: Reviewed By: <u>BSW</u>
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# SPEEDIE AND ASSOCIATES

Geotechnical • Environmental • Materials Engineers  
3331 E. WOOD ST., PHOENIX, AZ 85040 • O: 602-997-5391 F: 602-943-5508

## Daily Concrete Report

Project: <b>Fellowship Square Surprise</b>	Project ID: <b>162441TA</b>
Location: <b>16477 W. Bell Road and 16640 N. Sarival Road</b>	Permit No.:
Client: <b>Christian Care Surprise, Inc. c/o MTV General Contractors, Inc.</b>	Lab No: <b>UP587</b>
Contractor: <b>Botta's Concrete Construction</b>	Set No: <b>2</b>
Supplier: <b>Desert Ready Mix</b>	Plant No: <b>15</b>

Sample Type: Concrete 4 x 8


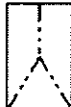
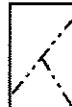
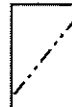
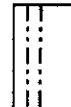
Design Strength: 3000 PSI @ 28 Days	Time Of Loading: 12:36 PM
Cement Type:	Time Arrived: 1:00 PM
Mix Number: F113011	Time Of Sampling: 1:45 PM
Truck No: 1651	Time In Mixer: 69 min.
Ticket No: 15029289	Water Added On Site 0 gals BT 0 gals AT

Field Tests: ASTM C-31 Making and Curing Concrete Test Specimens in the Field

	Tested	Specified	
Slump: (ASTM C-143)	7.00 in	7 in	Field Cure: Vermiculite
Air Content: (ASTM C-231)	%	%	Weather: Cloudy
			Temperature: Air: 63 °F Mix: (ASTM C-1064) 68 °F
			Batch Size: 11 yds <sup>3</sup>
Cone Penetration: (ASTM C-780) mm			No. Of Samples 4 Unit Weight: (ASTM C-138) PCF
Area of Placement: Footings, central plant			
Field Remarks:			

Lab Tests: ASTM-C39&C1231 Compressive Strength of Concrete Specimens

Laboratory Number	Test Age Days	Test Date	Lab Tech ID	Type of Fracture	Diameter	Area in <sup>2</sup>	Maximum Load		Avg.	% Design Strength
							Load Lbs.	PSI		
UP587	7	1/25/2017	RYW	3	4.00	12.566	25880	2060	2060	69%
UP587	28	2/15/2017								
UP587	28	2/15/2017								
UP587	Hold									

Type of Fracture	 Cone (1)	 Cone and Split (2)	 Cone and Shear (3)	 Shear (4)	 Columnar (5)
------------------	--	--	--	---	--

Lab Remarks:

### Copies

1 Desert Ready Mix  
1 MTV General Contractors, Inc.

Date Requested: 01/17/2017 By: CLIENT  
Date Sampled: 01/18/2017 By: HJG  
Date Submitted: 01/19/2017 By:  
Date Checked: 01/25/2017 By:  
Date Reported: 01/25/2017 By:  
Reviewed By: BSW