



Monthly Report

McKinney Aquatics & Fitness Center

McKinney, Texas

Issued Date: 10/19/2016



The only thing better than recognizing a quality product is building one.

Monthly Report

McKinney Aquatics & Fitness Center

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CONSTRUCTION STATUS

October 19, 2016 – Construction Status

Site Work & Utilities

- Some stockpiled material does remain on site including the top soil material and the spoils pile left over from the PSA construction project. Over the month of October the City has used their equipment to remove some of the stockpiled material for City use.

Landscape & Hardscape

- Sidewalk concrete is ongoing at main south entry.
- Outdoor pool paving is complete.
- Construction of landscaping and site retaining wall work is ongoing

Concrete & CMU

- Interior CMU walls are complete including the construction of the walls at the elevator openings

Steel Erection

- Miscellaneous steel construction is complete

Building Envelope

- Masonry punch list work is ongoing throughout the site

Doors/Frames/Hardware

- Hollow metal doors have been installed.

Drywall Partitions and Ceilings

- All hard ceilings are installed. Ceiling tile is currently being installed. The installation of ceiling tile has followed completion of all MEP overhead work including PRs 20 and 25.

Interior Finishes

- Tile installation work is complete at Levels 1 and 2. Wood floor and millwork material has been installed in multiple locations. Outstanding items include the entry desk and group fitness floor.
- Interior glazing work is ongoing with the installation of glazed doors and window wall at CL 5 between the Natatorium and the fitness space.
- The first coat of finish paint has been applied at all areas.

Elevators

- Elevator installation is complete. Final adjustments are being made to elevator towards end of the month. The state inspection will follow.

Pools

- Erection of Slides A and B is complete. Wall tile installation is ongoing at the all pools. Erection of Slides C and D is ongoing. Family slide installation will follow.

Mechanical / Plumbing / Fire Protection

- Overhead mechanical equipment and ductwork is being installed, tested and startup of equipment is ongoing. Test and Balance of HVAC system will begin this week. Commissioning will follow.

Electrical / Lighting Control / Fire Alarm

- Final connection of electrical power and light fixture installation is ongoing at all areas. Temporary power should be removed by the end of the month.

Audio Visual / Tele/Data / Security

- Installation of the Proposal Request 25RR scope is ongoing.



DESIGN & OWNER COORDINATION ITEMS

October 19, 2016 - Design & Owner Coordination Items

Site Work & Utilities

- NA

Landscape & Hardscape

- Removal of the remaining excess soil including the soil from the construction of the adjacent PSA project remains on the site.

Concrete & CMU

- NA

Steel Erection

- NA

Building Envelope

- NA

Doors/Frames/Hardware

- NA

Drywall Partitions and Ceilings

- Final coordination and approval of PR 25RR AV Design Development – Installation of overhead and in wall conduit to support AV changes has impacted the completion of the drywall and ceiling scope of work. MCC is reworking areas as needed to implement PR25RR.
- RFI 401 Open Office Outlet Revision – MCC is currently pricing this change to revise the outlet layout in open office 211 to coordinate with furniture layout.

Interior Finishes

- Final coordination and approval of PR 25RR AV Design Development – Installation of overhead and in wall conduit to support AV changes has impacted the completion of the drywall and ceiling scope of work. MCC is reworking areas as needed to implement PR25RR.
- RFI 401 Open Office Outlet Revision – MCC is currently pricing this change to revise the outlet layout in open office 211 to coordinate with furniture layout.

Elevators

- NA

Pools

- NA

Mechanical / Plumbing / Fire Protection

- NA

Electrical / Lighting Control / Fire Alarm

- PR 25RR AV design changes have been released and are being implemented now
- PR 24R Additional Fitness Equipment design changes have been released and are being implemented now

Audio Visual / Tele/Data / Security

- PR 25RR AV design changes have been released and are being implemented now
- PR 24R Additional Fitness Equipment design changes have been released and are being implemented now



SUBCONTRACTOR STATUS LOG

McKinney Aquatics & Fitness Center - Contractor Award Log

Bid Package:	Scope of Work:	Awarded Contractor:	Award Notice:
2	Concrete	Kent Companies	1
3	Masonry	Skinner Masonry	3
4	Steel	Basden Steel	2
5	Specialty Metals	Viva Railings, LLC	3
6	Structural Carpentry	RM Rodgers, Inc.	4
7	Finish Carpentry	Lundy Services, LLC	2
8	Waterproofing	Chamberlin Waterproofing	3
9	Metal Louvers	OGI Architectural Metal	3
10	Roofing	Paragon Roofing	3
11	Spray Fireproofing	NA	NA
12	Doors & Hardware	Performance Door and Hardware	3
13	Overhead Doors	Overhead Door Co. of Dallas	3
14	Glass	DGB Glass, Inc.	2
15	Plaster & Stucco	NA	NA
16	Drywall	Drywall Interiors, LP	2
17	Tile	Alamo Tile & Stone	3
18	Wood Floor	Ponder Company, Inc.	3
19	Carpet & Resilient Flooring	Fabulous Floors, Inc.	3
20	Painting	Carrco Painting	3
21	Misc. Specialties	Spectrum Resources, LTD	4
22	Signs	ASI Signage Inovations	4
23	Lockers	Hollman, Inc.	4
24	Site Furnishings	InPro Fabrications	4
25	Folding Operable Partitions	Modernfold, Inc.	3
26	Appliances	PIRCH, Inc.	4
27	Athletic Equipment	John F. Clark Company	3
28	Window Treatments	AEC Corporation	3
29	Aquatic Pools, Slides & Equipment	Sunbelt Pools	1
30	Elevators	Thyssen Krupp Elevator Systems	2
31	Fire Sprinkler	Fire-Tech Protection Systems	2
32	Mechanical Plumbing & HVAC	Humphrey & Associates	1
33	Electrical	Petri Electric	1
34	Tele Data Comm	Lantek Communications	4
35	Security / CCTV	Securadyne Systems	3
36	Audio Visual	AVI/SPL	4
37	Earthwork	RPMx Construction, LLC	1
38	Pavement Markings	Stripe A Zone, Inc.	4
39	Fences & Gates	The Anchor Group, Inc.	4
40	Modular Retaining Wall	Texas - ERW Site Solutions	4
41	Landscape & Irrigation	SOI Group, Inc.	5
43	Site Utilities	Maverick Utility Construction, Inc.	1

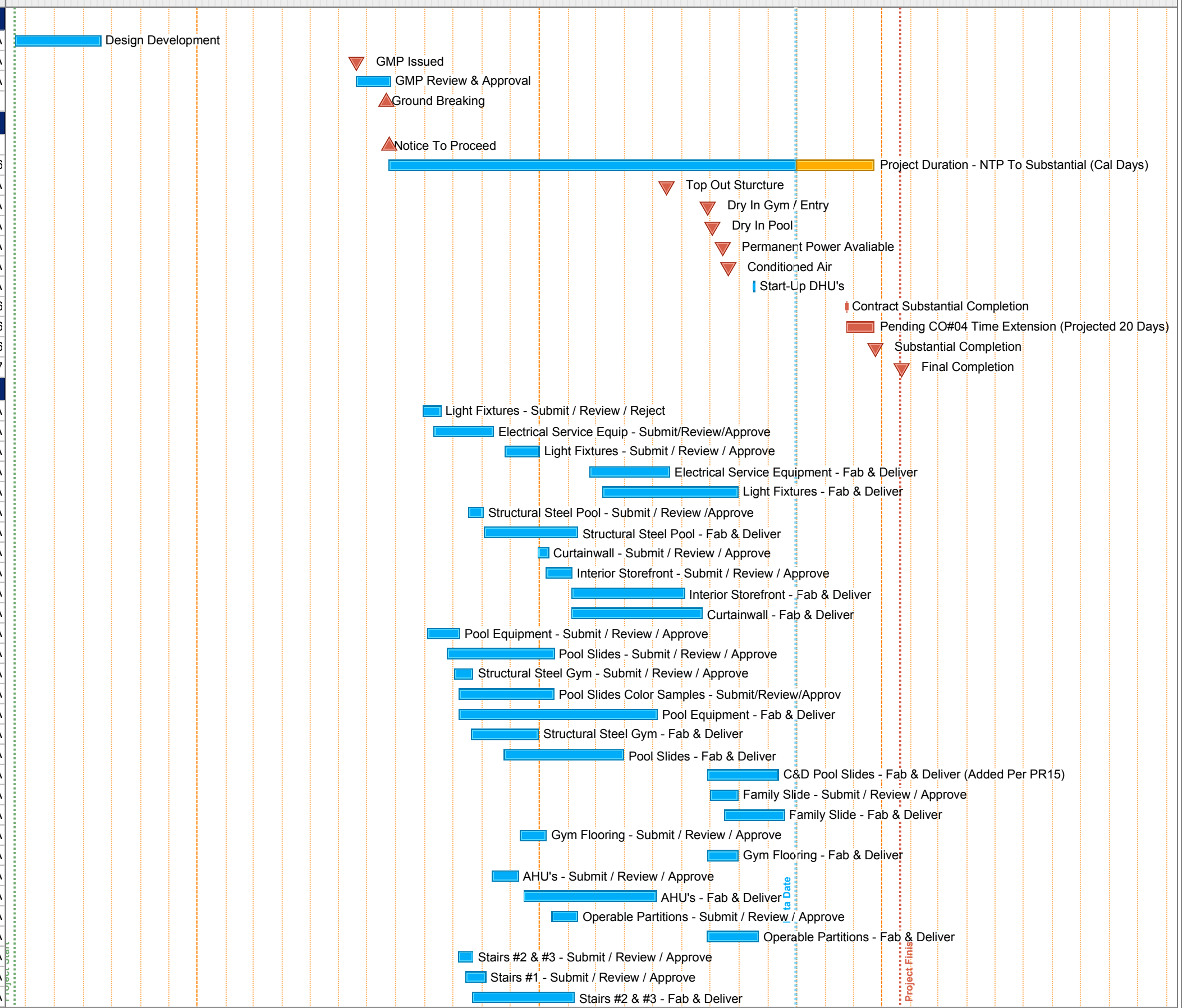


SCHEDULE SUMMARY

ID	Description	Orig Dur	Rem Dur	Start	Finish
Pre-Construction					
M1070	Design Development	60	0	06/19/14A	09/17/14A
M1390	GMP Issued	0	0		06/17/15A
M1391	GMP Review & Approval	12	0	06/18/15A	07/23/15A
M1392	Ground Breaking	0	0	07/20/15A	

Project Notes & Milestones					
NTP	Notice To Proceed	0	0	07/23/15A	
CONDUR	Project Duration - NTP To Substantial (Cal Days)	519	84	07/23/15A	12/22/16
M1430	Top Out Sturcture	0	0		05/13/16A
M1580	Dry In Gym / Entry	0	0		06/26/16A
M1680	Dry In Pool	0	0		07/01/16A
M1880	Permanent Power Available	0	0		07/12/16A
M1780	Conditioned Air	0	0		07/18/16A
M1785	Start-Up DHU's	1	0	08/15/16A	08/15/16A
M1365	Contract Substantial Completion	1	1	11/22/16	11/22/16
M1367	Pending CO#04 Time Extension (Projected 20 Days)	20	20	11/23/16	12/22/16
M1360	Substantial Completion	0	0		12/22/16
M1380	Final Completion	0	0		01/19/17

Submittals & Procurement					
P-1600	Light Fixtures - Submit / Review / Reject	15	0	08/28/15A	09/15/15A
P-2200	Electrical Service Equip - Submit/Review/Approve	15	0	09/09/15A	11/10/15A
P-1620	Light Fixtures - Submit / Review / Approve	15	0	11/24/15A	12/29/15A
P-2250	Electrical Service Equipment - Fab & Deliver	30	0	02/22/16A	05/16/16A
P-1650	Light Fixtures - Fab & Deliver	50	0	03/07/16A	07/28/16A
P-1100	Structural Steel Pool - Submit / Review /Approve	15	0	10/16/15A	10/30/15A
P-1150	Structural Steel Pool - Fab & Deliver	30	0	11/02/15A	02/08/16A
P-1200	Curtainwall - Submit / Review / Approve	15	0	12/29/15A	01/08/16A
P-1210	Interior Storefront - Submit / Review / Approve	15	0	01/07/16A	02/02/16A
P-1220	Interior Storefront - Fab & Deliver	30	0	02/03/16A	06/01/16A
P-1250	Curtainwall - Fab & Deliver	70	0	02/03/16A	06/20/16A
P-1300	Pool Equipment - Submit / Review / Approve	15	0	09/02/15A	10/05/15A
P-1900	Pool Slides - Submit / Review / Approve	15	0	09/23/15A	01/14/16A
P-1000	Structural Steel Gym - Submit / Review / Approve	15	0	10/01/15A	10/19/15A
P-2500	Pool Slides Color Samples - Submit/Review/Approv	15	0	10/06/15A	01/14/16A
P-1350	Pool Equipment - Fab & Deliver	60	0	10/06/15A	05/03/16A
P-1050	Structural Steel Gym - Fab & Deliver	30	0	10/19/15A	12/28/15A
P-1950	Pool Slides - Fab & Deliver	60	0	11/23/15A	03/28/16A
P-1960	C&D Pool Slides - Fab & Deliver (Added Per PR15)	53	0	06/27/16A	09/09/16A
P-1980	Family Slide - Submit / Review / Approve	10	0	06/30/16A	07/28/16A
P-1970	Family Slide - Fab & Deliver	60	0	07/15/16A	09/16/16A
P-1800	Gym Flooring - Submit / Review / Approve	15	0	12/10/15A	01/05/16A
P-1850	Gym Flooring - Fab & Deliver	42	0	06/27/16A	07/28/16A
P-1400	AHU's - Submit / Review / Approve	15	0	11/10/15A	12/07/15A
P-1450	AHU's - Fab & Deliver	60	0	12/14/15A	05/02/16A
P-2000	Operable Partitions - Submit / Review / Approve	15	0	01/13/16A	02/08/16A
P-2050	Operable Partitions - Fab & Deliver	39	0	06/27/16A	08/19/16A
P-1700	Stairs #2 & #3 - Submit / Review / Approve	15	0	10/05/15A	10/19/15A
P-2400	Stairs #1 - Submit / Review / Approve	15	0	10/13/15A	11/02/15A
P-1750	Stairs #2 & #3 - Fab & Deliver	30	0	10/20/15A	02/04/16A

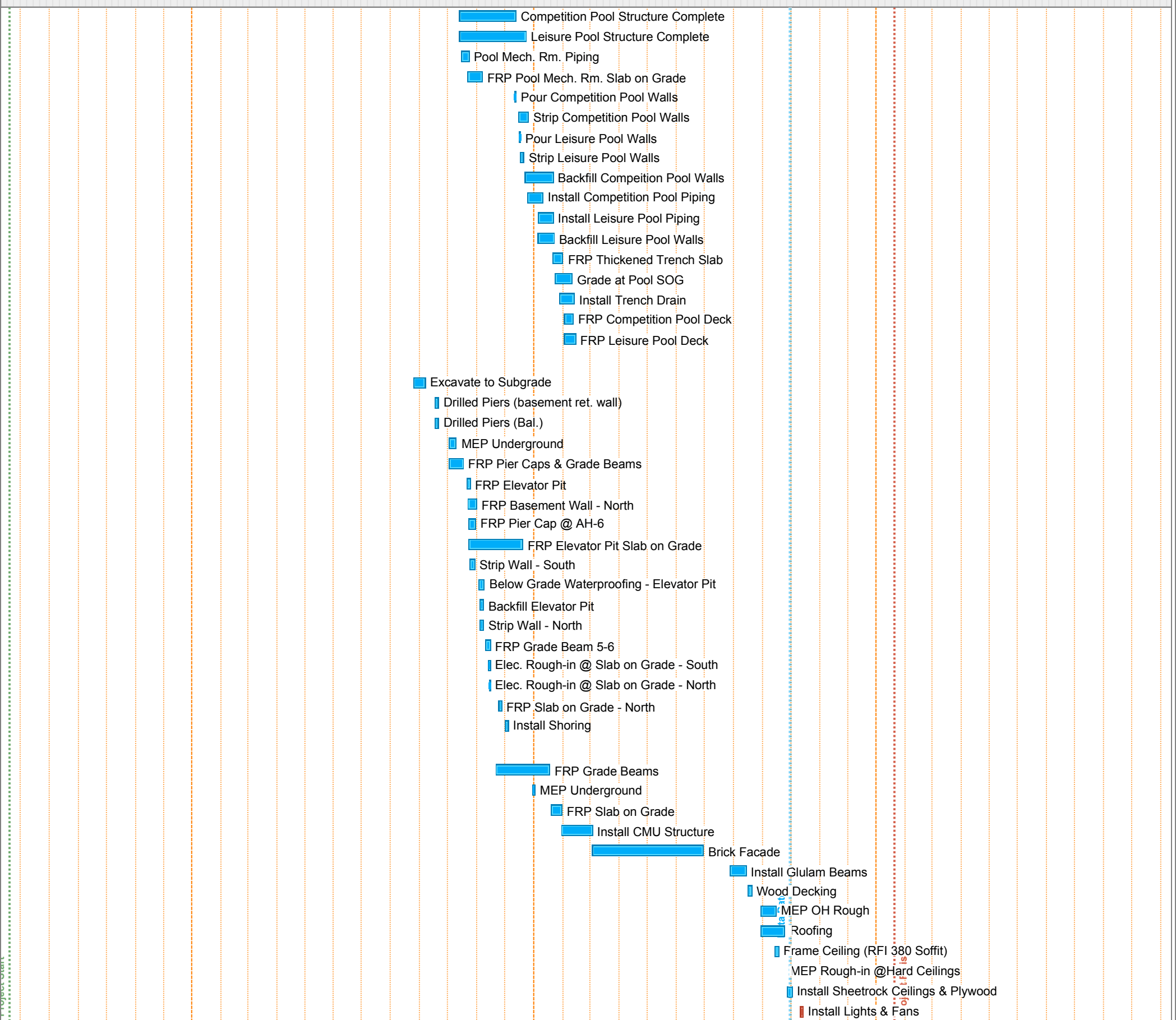


Start Date: 06/19/14
 Finish Date: 01/19/17
 Data Date: 09/30/16
 Run Date: 10/07/16

McKinney Aquatics & Fitness Center
 McKinney, TX
 MCC Project #3666



ID	Description	Orig Dur	Rem Dur	Start	Finish
M1040	Competition Pool Structure Complete	35	0	10/12/15A	12/10/15A
M1240	Leisure Pool Structure Complete	47	0	10/12/15A	12/21/15A
M1035	Pool Mech. Rm. Piping	5	0	10/14/15A	10/21/15A
M1036	FRP Pool Mech. Rm. Slab on Grade	5	0	10/21/15A	11/04/15A
M1050	Pour Competition Pool Walls	1	0	12/10/15A	12/10/15A
M1090	Strip Competition Pool Walls	2	0	12/14/15A	12/23/15A
M1170	Pour Leisure Pool Walls	1	0	12/15/15A	12/15/15A
M1180	Strip Leisure Pool Walls	3	0	12/16/15A	12/18/15A
M1160	Backfill Compeition Pool Walls	5	0	12/21/15A	01/19/16A
M1150	Install Competition Pool Piping	5	0	12/24/15A	01/08/16A
M1190	Install Leisure Pool Piping	5	0	01/04/16A	01/19/16A
M1200	Backfill Leisure Pool Walls	5	0	01/04/16A	01/20/16A
M2280	FRP Thickened Trench Slab	5	0	01/20/16A	01/29/16A
M2320	Grade at Pool SOG	4	0	01/22/16A	02/08/16A
M2290	Install Trench Drain	5	0	01/27/16A	02/10/16A
M2340	FRP Competition Pool Deck	5	0	02/01/16A	02/09/16A
M2345	FRP Leisure Pool Deck	5	0	02/01/16A	02/12/16A
Entry Area					
M1080	Excavate to Subgrade	10	0	08/24/15A	09/04/15A
M1100	Drilled Piers (basement ret. wall)	3	0	09/16/15A	09/18/15A
M1101	Drilled Piers (Bal.)	3	0	09/16/15A	09/18/15A
M1110	MEP Underground	5	0	10/01/15A	10/07/15A
M1105	FRP Pier Caps & Grade Beams	5	0	10/01/15A	10/15/15A
M1120	FRP Elevator Pit	2	0	10/20/15A	10/22/15A
M1141	FRP Basement Wall - North	5	0	10/21/15A	10/29/15A
M1340	FRP Pier Cap @ AH-6	1	0	10/22/15A	10/28/15A
M1121	FRP Elevator Pit Slab on Grade	2	0	10/22/15A	12/17/15A
M1270	Strip Wall - South	2	0	10/23/15A	10/27/15A
M1131	Below Grade Waterproofing - Elevator Pit	1	0	11/02/15A	11/06/15A
M1151	Backfill Elevator Pit	1	0	11/03/15A	11/05/15A
M1310	Strip Wall - North	1	0	11/03/15A	11/05/15A
M1370	FRP Grade Beam 5-6	3	0	11/09/15A	11/13/15A
M1140	Elec. Rough-in @ Slab on Grade - South	2	0	11/12/15A	11/13/15A
M1540	Elec. Rough-in @ Slab on Grade - North	2	0	11/13/15A	11/13/15A
M1130	FRP Slab on Grade - North	4	0	11/23/15A	11/25/15A
M1590	Install Shoring	2	0	11/30/15A	12/02/15A
Bath House					
M1550	FRP Grade Beams	4	0	11/20/15A	01/15/16A
M1560	MEP Underground	2	0	12/29/15A	12/30/15A
M1570	FRP Slab on Grade	3	0	01/18/16A	01/28/16A
M1575	Install CMU Structure	1	0	01/29/16A	03/01/16A
M1577	Brick Facade	30	0	03/02/16A	06/27/16A
M1578	Install Glulam Beams	5	0	07/27/16A	08/12/16A
M1579	Wood Decking	4	0	08/15/16A	08/18/16A
M1586	MEP OH Rough	5	0	08/29/16A	09/13/16A
M1585	Roofing	5	0	08/29/16A	09/22/16A
M1591	Frame Ceiling (RFI 380 Soffit)	4	0	09/13/16A	09/16/16A
M1594	MEP Rough-in @Hard Ceilings	5	0	09/19/16A	09/23/16A
M1602	Install Sheetrock Ceilings & Plywood	5	0	09/26/16A	09/30/16A
M1607	Install Lights & Fans	3	3	10/10/16	10/12/16



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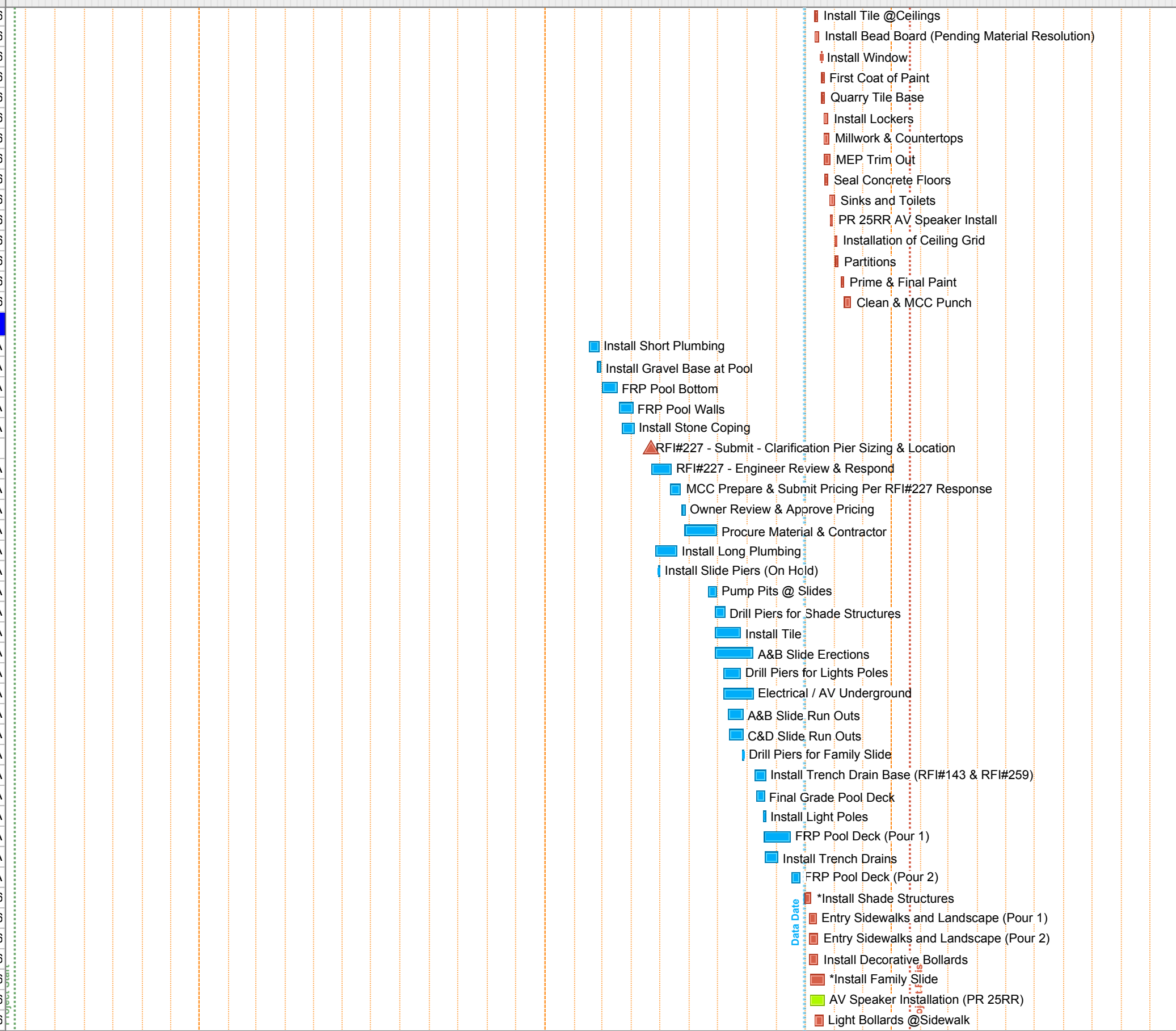
McKinney Aquatics & Fitness Center
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 MCC Project #3666



ID	Description	Orig Dur	Rem Dur	Start	Finish
M1603	Install Tile @Ceilings	4	4	10/10/16	10/13/16
M1596	Install Bead Board (Pending Material Resolution)	5	5	10/10/16	10/14/16
M1608	Install Window	1	1	10/17/16	10/17/16
M1604	First Coat of Paint	3	3	10/17/16	10/19/16
M1587	Quarry Tile Base	4	4	10/17/16	10/20/16
M1597	Install Lockers	3	3	10/20/16	10/24/16
M1595	Millwork & Countertops	4	4	10/20/16	10/25/16
M1598	MEP Trim Out	5	5	10/20/16	10/26/16
M1588	Seal Concrete Floors	2	2	10/21/16	10/24/16
M1601	Sinks and Toilets	4	4	10/26/16	10/31/16
M1606	PR 25RR AV Speaker Install	2	2	10/27/16	10/28/16
M1593	Installation of Ceiling Grid	2	2	11/01/16	11/02/16
M1589	Partitions	4	4	11/01/16	11/04/16
M1592	Prime & Final Paint	4	4	11/07/16	11/10/16
M1599	Clean & MCC Punch	5	5	11/11/16	11/17/16

Outdoor Pool Area

M2325	Install Short Plumbing	8	0	02/15/16A	02/24/16A
M2327	Install Gravel Base at Pool	5	0	02/24/16A	02/26/16A
M2328	FRP Pool Bottom	5	0	02/29/16A	03/14/16A
M2329	FRP Pool Walls	5	0	03/18/16A	03/31/16A
M2335	Install Stone Coping	5	0	03/21/16A	04/01/16A
RFI#227	RFI#227 - Submit - Clarification Pier Sizing & Location	0	0	04/20/16A	
RFI#227-10	RFI#227 - Engineer Review & Respond	1	0	04/21/16A	05/10/16A
RFI#227-20	MCC Prepare & Submit Pricing Per RFI#227 Response	8	0	05/11/16A	05/21/16A
RFI#227-30	Owner Review & Approve Pricing	3	0	05/23/16A	05/25/16A
RFI#227-40	Procure Material & Contractor	21	0	05/26/16A	06/27/16A
M2331	Install Long Plumbing	3	0	04/25/16A	05/16/16A
M2337	Install Slide Piers (On Hold)	2	0	04/28/16A	04/28/16A
M2343	Pump Pits @ Slides	5	0	06/20/16A	06/27/16A
M2339	Drill Piers for Shade Structures	7	0	06/27/16A	07/06/16A
M2351	Install Tile	15	0	06/27/16A	07/22/16A
M2342	A&B Slide Erections	20	0	06/27/16A	08/04/16A
M2336	Drill Piers for Lights Poles	7	0	07/06/16A	07/22/16A
M2355	Electrical / AV Underground	4	0	07/06/16A	08/05/16A
M2344	A&B Slide Run Outs	8	0	07/11/16A	07/25/16A
M2349	C&D Slide Run Outs	8	0	07/12/16A	07/25/16A
M2356	Drill Piers for Family Slide	1	0	07/26/16A	07/26/16A
M2341	Install Trench Drain Base (RFI#143 & RFI#259)	5	0	08/08/16A	08/18/16A
M2332	Final Grade Pool Deck	6	0	08/10/16A	08/17/16A
M2334	Install Light Poles	2	0	08/17/16A	08/18/16A
M2333	FRP Pool Deck (Pour 1)	11	0	08/18/16A	09/13/16A
M2347	Install Trench Drains	9	0	08/19/16A	08/31/16A
M2338	FRP Pool Deck (Pour 2)	6	0	09/16/16A	09/23/16A
M2346	*Install Shade Structures	6	5	09/29/16A	10/06/16
M2361	Entry Sidewalks and Landscape (Pour 1)	6	6	10/04/16	10/11/16
M2363	Entry Sidewalks and Landscape (Pour 2)	8	8	10/04/16	10/13/16
M2364	Install Decorative Bollards	8	8	10/04/16	10/13/16
M2354	*Install Family Slide	11	11	10/05/16	10/19/16
M2357	AV Speaker Installation (PR 25RR)	10	10	10/06/16	10/19/16
M2366	Light Bollards @Sidewalk	7	7	10/10/16	10/18/16



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M2372	Flag Poles	7	7	10/10/16	10/18/16
M2373	Fire Hydrant and Gas Meter Bollards	7	7	10/10/16	10/18/16
M2352	*FRP Mow Strip	10	10	10/10/16	10/21/16
M2348	*C&D Slide Erections (Add Per PR#15)	12	12	10/12/16	10/27/16
M2371	Outdoor Leisure Pool Test	6	6	10/15/16	10/21/16
M2374	Pour Islands	6	6	10/17/16	10/24/16
M2362	AV Testing (PR 25RR)	3	3	10/20/16	10/24/16

- Flag Poles
- Fire Hydrant and Gas Meter Bollards
- *FRP Mow Strip
- *C&D Slide Erections (Add Per PR#15)
- Outdoor Leisure Pool Test
- Pour Islands
- AV Testing (PR 25RR)

Retaining Walls					
RW4-100	Excavate Footing #4	3	0	07/27/16A	08/02/16A
RW4-200	Erect Stacked Stone Wall #4	5	0	08/02/16A	08/04/16A
RW4-300	Backfill #4	3	0	08/05/16A	08/09/16A
RWM-100	Excavate Footing #11 #12 & #13	3	0	08/03/16A	08/05/16A
RWM-200	Erect Stacked Stone Wall #11 #12 & #13	4	0	08/10/16A	08/15/16A
RWM-300	Backfill #11 #12 & #13	3	0	08/16/16A	08/18/16A
RW5-200	Erect Stacked Stone Wall #5	3	0	08/05/16A	08/09/16A
RW5-100	Excavate Footing #5	3	0	08/08/16A	08/10/16A
RW5-300	Backfill #5	3	0	08/19/16A	08/23/16A
RW6-100	Excavate Footing #6	3	0	08/11/16A	08/15/16A
RW6-200	Erect Stacked Stone Wall #6	3	0	08/16/16A	08/18/16A
RW6-300	Backfill #6	3	0	08/24/16A	08/26/16A
RW3-100	Excavate Footing #3	3	0	08/05/16A	08/05/16A
RW3-200	Erect Stacked Stone Wall #3	5	0	08/06/16A	08/06/16A
RW3-300	Backfill #3	3	0	08/08/16A	08/11/16A
RW2-100	Excavate Footing #2	2	0	08/08/16A	08/09/16A
RW2-200	Erect Stacked Stone Wall #2	2	0	08/10/16A	08/11/16A
RW2-300	Backfill #2	2	0	08/19/16A	08/22/16A
RW1-100	Excavate Footing #1	2	0	08/10/16A	08/11/16A
RW1-200	Erect Stacked Stone Wall #1	2	0	08/12/16A	08/15/16A
RW1-300	Backfill #1	2	0	08/23/16A	08/24/16A
RW8-100	Excavate Footing #8	2	0	08/12/16A	08/15/16A
RW8-200	Erect Stacked Stone Wall #8	3	0	08/16/16A	08/18/16A
RW8-300	Backfill #8	2	0	08/25/16A	08/26/16A
RW7-100	Excavate Footing #7	2	0	08/17/16A	08/18/16A
RW7-200	Erect Stacked Stone Wall #7	5	0	08/19/16A	08/24/16A
RW7-300	Backfill #7	2	0	08/25/16A	08/27/16A
RW9-100	Excavate Footing #9	3	0	08/23/16A	08/22/16A
RW9-300	Backfill #9	3	0	08/23/16A	08/24/16A
RW9-200	Erect Stacked Stone Wall #9	4	0	08/25/16A	08/27/16A

- Excavate Footing #4
- Erect Stacked Stone Wall #4
- Backfill #4
- Excavate Footing #11 #12 & #13
- Erect Stacked Stone Wall #11 #12 & #13
- Backfill #11 #12 & #13
- Erect Stacked Stone Wall #5
- Excavate Footing #5
- Backfill #5
- Excavate Footing #6
- Erect Stacked Stone Wall #6
- Backfill #6
- Excavate Footing #3
- Erect Stacked Stone Wall #3
- Backfill #3
- Excavate Footing #2
- Erect Stacked Stone Wall #2
- Backfill #2
- Excavate Footing #1
- Erect Stacked Stone Wall #1
- Backfill #1
- Excavate Footing #8
- Erect Stacked Stone Wall #8
- Backfill #8
- Excavate Footing #7
- Erect Stacked Stone Wall #7
- Backfill #7
- Excavate Footing #9
- Backfill #9
- Erect Stacked Stone Wall #9

Level 2					
Gym Area					
M1195	Drilled Piers at Perimeter (20)	4	0	09/18/15A	09/25/15A
M1205	Drilled Piers (bal.) minus "hold back piers"	2	0	09/30/15A	10/05/15A
M1220	FRP Grade Beams	7	0	10/19/15A	11/13/15A
M1225	Below Grade Waterproofing - Basement Wall South	2	0	11/02/15A	11/04/15A
M1245	FRP Foundation Wall @ A	4	0	11/02/15A	11/06/15A
M1235	Below Grade Waterproofing - Basement Wall North	2	0	11/04/15A	11/06/15A
M1230	Backfill North Grade Beam	2	0	11/13/15A	11/17/15A
M1210	MEP Underground	5	0	12/01/15A	12/21/15A
M1226	Backfill Basement Wall	3	0	12/02/15A	12/08/15A

- Drilled Piers at Perimeter (20)
- Drilled Piers (bal.) minus "hold back piers"
- FRP Grade Beams
- Below Grade Waterproofing - Basement Wall South
- FRP Foundation Wall @ A
- Below Grade Waterproofing - Basement Wall North
- Backfill North Grade Beam
- MEP Underground
- Backfill Basement Wall

Data Date

Project Finish

Start Date: 06/19/14
 Finish Date: 01/19/17
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 Run Date: 10/07/16

McKinney Aquatics & Fitness Center

McKinney, TX

MCC Project #3666



ID	Description	Orig Dur	Rem Dur	Start	Finish
M1206	Drilled Piers "hold back piers" (9)	2	0	12/09/15A	12/09/15A
M1216	FRP Grade Beams @ 13-10	4	0	12/10/15A	12/15/15A
M1236	FRP Grade Beams @ Stair	4	0	12/10/15A	12/15/15A
M1250	FRP Slab on Grade	5	0	12/31/15A	01/04/16A

Building Structure

Level 1

Pool Area

M1259	FRP Columns at Grid Line 1	2	0	01/04/16A	01/05/16A
M1280	Install CMU @ Pool Mech. Rm. (12' elev.)	5	0	01/06/16A	01/15/16A
M1260	Install CMU Along Grid Line 5 @ AB-AC	10	0	01/11/16A	01/29/16A
M1285	FRP Elevated Deck @ Pool Mech. Rm.	5	0	01/15/16A	01/26/16A
M1290	Install CMU - Level 2 Mech Space @ GL 2	7	0	02/02/16A	02/11/16A
M1292	Install CMU - Level 2 Mech Space @ GL AC, AG & 7	7	0	02/10/16A	02/19/16A

Level 2

Entry Area

M1295	FRP Elevated Deck	8	0	01/06/16A	01/18/16A
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Level 3

Pool Area

M1330	Erect Structural Steel	40	0	02/17/16A	04/29/16A
M1335	Set DHU Curbs	3	0	04/25/16A	05/09/16A
M1337	Roof Decking	4	0	04/26/16A	05/09/16A

Gym Area

M1320	Erect Structural Steel	30	0	01/06/16A	03/07/16A
M1322	Erect Track to Grid Line 13	3	0	02/08/16A	02/10/16A
M1323	Install Studs	1	0	02/10/16A	02/10/16A
M1324	Install Reinforcement	1	0	02/11/16A	02/11/16A
M1327	Pour Track to Grid Line 13	1	0	02/12/16A	02/12/16A
M1328	Pour Track from Grid Line 5 - 13	1	0	02/29/16A	02/29/16A
M1321	Structural Steel Detailing	10	0	03/21/16A	04/20/16A
M1326	Louver Steel @Gird 8-12 (Mech)	8	0	04/20/16A	04/29/16A
M1325	Louver Steel @ AC-AG (Mech)	5	0	05/16/16A	05/16/16A

Enclosure / Roofing

ERG-2000	Roofing Grid 5-10 @ A-F	4	0	04/12/16A	04/18/16A
ERP-1000	Pool Roofing	6	0	05/09/16A	06/10/16A
ERG-2010	Roofing Grid AC-AG (Mech)	3	0	06/01/16A	06/24/16A
ERG-1000	Roofing Grid 10-21 @ E-F	5	0	06/06/16A	06/10/16A

Exterior Facade

South Elevation Level 2 Grid 10-21

FSL2-1000	Exterior Metal Framing	3	0	02/15/16A	02/17/16A
FSL2-1100	Exterior Sheathing	3	0	02/16/16A	02/23/16A
FSL2-1200	Waterproofing	8	0	02/29/16A	04/21/16A
FSL2-1400	Insulation	5	0	03/28/16A	04/21/16A
FSL2-1500	Brick/Stone - Facade	20	0	03/28/16A	05/02/16A
FSL2-1300	Window System	5	0	04/27/16A	05/03/16A

South Elevation Level 3 Grid 10-21

FSL3-1000	Exterior Metal Framing	3	0	02/19/16A	02/26/16A
FSL3-1100	Exterior Sheathing	3	0	02/25/16A	03/07/16A
FSL3-1200	Waterproofing	5	0	02/29/16A	04/22/16A

- Drilled Piers "hold back piers" (9)
- FRP Grade Beams @ 13-10
- FRP Grade Beams @ Stair
- FRP Slab on Grade

- FRP Columns at Grid Line 1
- Install CMU @ Pool Mech. Rm. (12' elev.)
- Install CMU Along Grid Line 5 @ AB-AC
- FRP Elevated Deck @ Pool Mech. Rm.
- Install CMU - Level 2 Mech Space @ GL 2
- Install CMU - Level 2 Mech Space @ GL AC, AG & 7

- FRP Elevated Deck

- Erect Structural Steel
- Set DHU Curbs
- Roof Decking

- Erect Structural Steel
- Erect Track to Grid Line 13
- Install Studs
- Install Reinforcement
- Pour Track to Grid Line 13
- Pour Track from Grid Line 5 - 13
- Structural Steel Detailing
- Louver Steel @Gird 8-12 (Mech)
- Louver Steel @ AC-AG (Mech)

- Roofing Grid 5-10 @ A-F
- Pool Roofing
- Roofing Grid AC-AG (Mech)
- Roofing Grid 10-21 @ E-F

- Exterior Metal Framing
- Exterior Sheathing
- Waterproofing
- Insulation
- Brick/Stone - Facade
- Window System

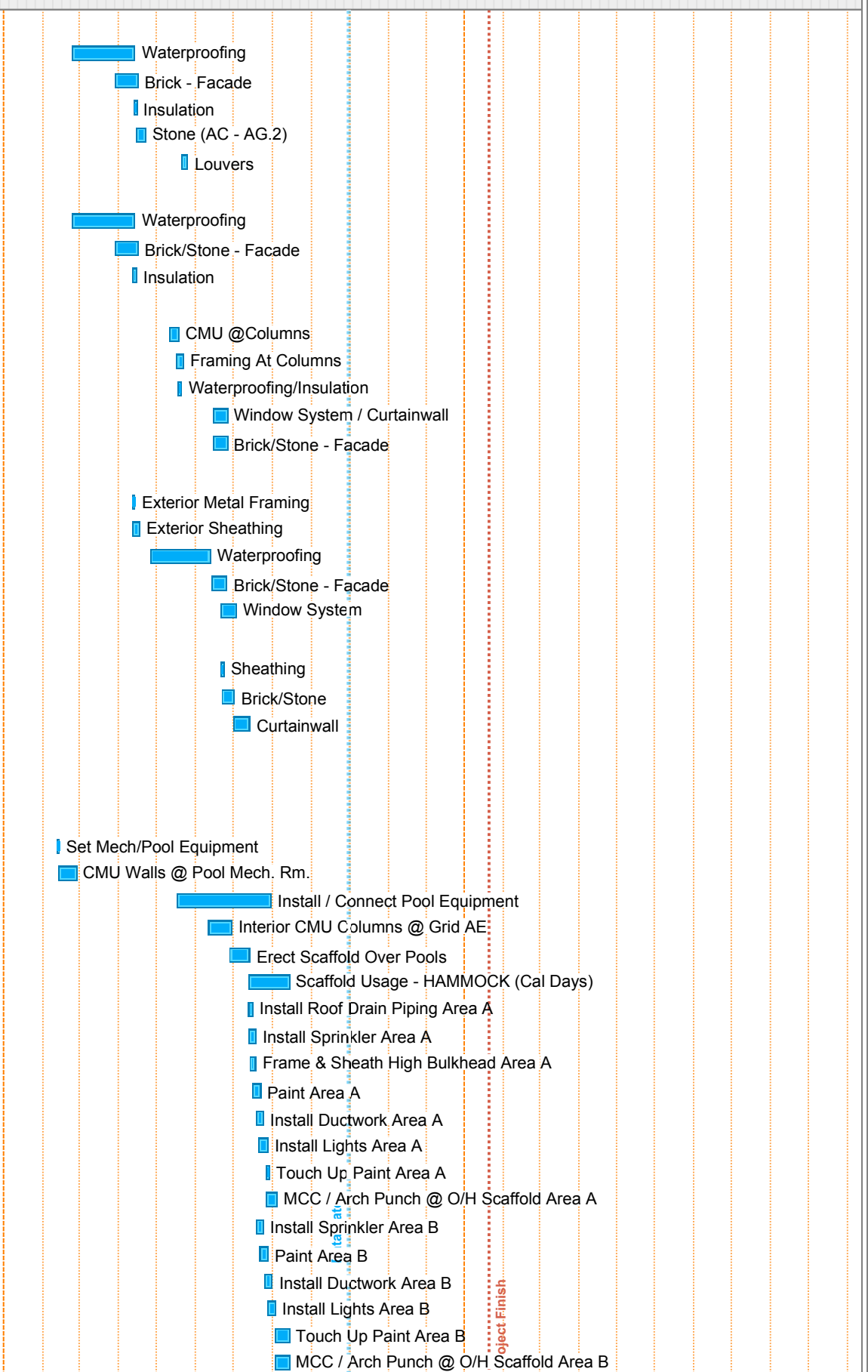
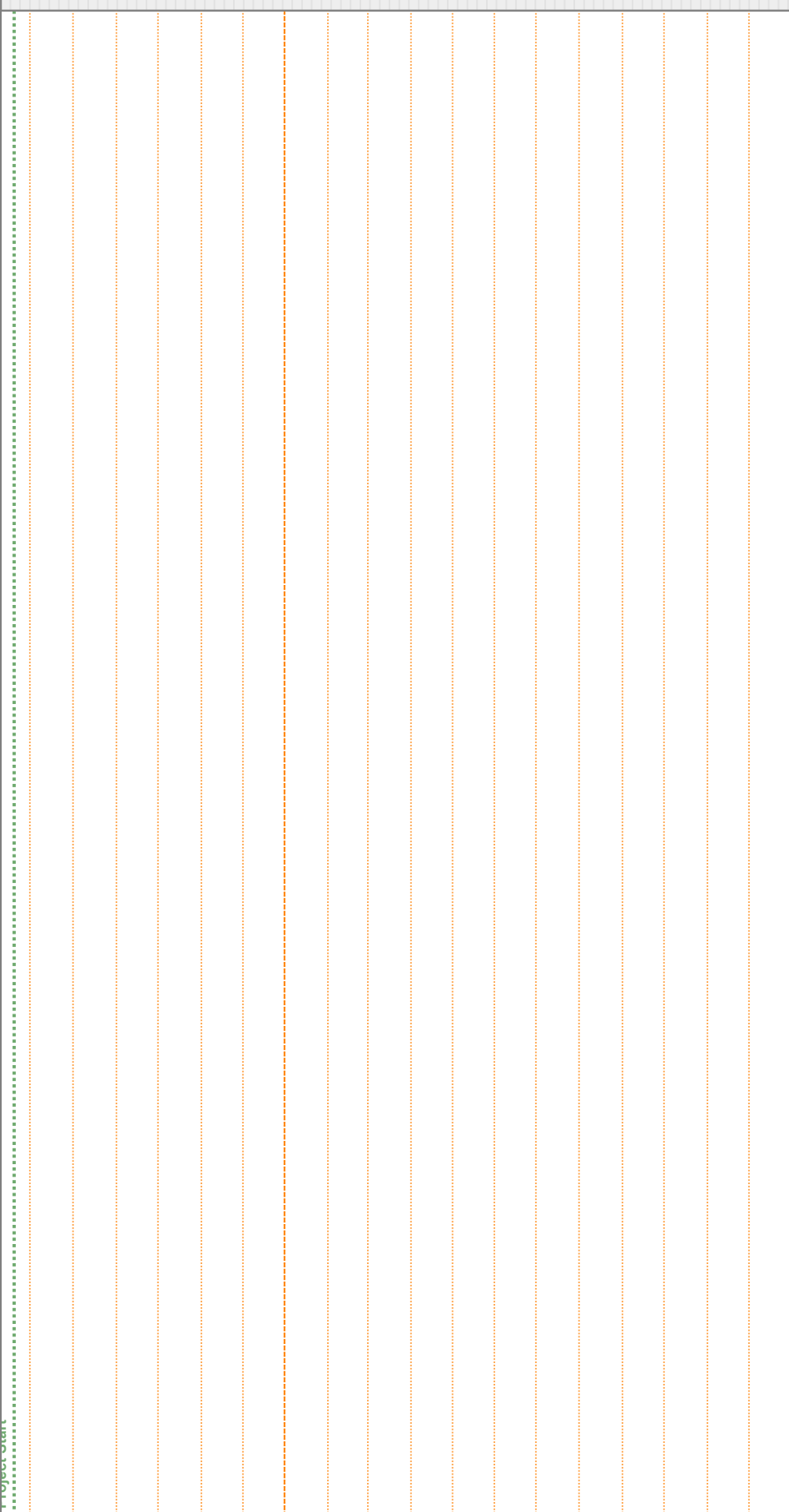
- Exterior Metal Framing
- Exterior Sheathing
- Waterproofing

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McKinney Aquatics & Fitness Center
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ID	Description	Orig Dur	Rem Dur	Start	Finish
West Elevation AB-AH Level 1					
FW-2200	Waterproofing	2	0	02/23/16A	04/11/16A
FW-2500	Brick - Facade	7	0	03/28/16A	04/14/16A
FW-2400	Insulation	2	0	04/12/16A	04/13/16A
FW-2410	Stone (AC - AG.2)	5	0	04/14/16A	04/20/16A
FW-2600	Louvers	2	0	05/20/16A	05/23/16A
West Elevation AC.1-AG.2					
FW-3200	Waterproofing	3	0	02/23/16A	04/11/16A
FW-3500	Brick/Stone - Facade	10	0	03/28/16A	04/14/16A
FW-3400	Insulation	5	0	04/11/16A	04/13/16A
South Elevation 2-5 & West AH-AJ					
FS-1600	CMU @Columns	5	0	05/10/16A	05/16/16A
FS-1610	Framing At Columns	5	0	05/16/16A	05/20/16A
FS-1200	Waterproofing/Insulation	2	0	05/17/16A	05/18/16A
FS-1300	Window System / Curtainwall	9	0	06/14/16A	06/24/16A
FS-1500	Brick/Stone - Facade	7	0	06/14/16A	06/24/16A
South Elevation 5.1-5.9					
FS-2000	Exterior Metal Framing	1	0	04/11/16A	04/11/16A
FS-2100	Exterior Sheathing	5	0	04/11/16A	04/15/16A
FS-2200	Waterproofing	4	0	04/25/16A	06/10/16A
FS-2500	Brick/Stone - Facade	5	0	06/13/16A	06/23/16A
FS-2300	Window System	5	0	06/20/16A	07/01/16A
South Elevation 6.1-6.9					
FS-3310	Sheathing	2	0	06/20/16A	06/21/16A
FS-3320	Brick/Stone	7	0	06/21/16A	06/29/16A
FS-3300	Curtainwall	6	0	06/30/16A	07/11/16A
Interior Finish Out					
Level 1					
Pool Area					
M1605	Set Mech/Pool Equipment	1	0	02/11/16A	02/11/16A
M1600	CMU Walls @ Pool Mech. Rm.	5	0	02/12/16A	02/25/16A
M2400	Install / Connect Pool Equipment	10	0	05/16/16A	07/28/16A
M2200	Interior CMU Columns @ Grid AE	5	0	06/10/16A	06/27/16A
M1800	Erect Scaffold Over Pools	10	0	06/27/16A	07/11/16A
M1803	Scaffold Usage - HAMMOCK (Cal Days)	32	0	07/12/16A	08/12/16A
M1802	Install Roof Drain Piping Area A	3	0	07/12/16A	07/14/16A
M1807	Install Sprinkler Area A	5	0	07/12/16A	07/16/16A
M1805	Frame & Sheath High Bulkhead Area A	4	0	07/13/16A	07/16/16A
M1900	Paint Area A	5	0	07/15/16A	07/20/16A
M1905	Install Ductwork Area A	5	0	07/18/16A	07/22/16A
M1907	Install Lights Area A	5	0	07/20/16A	07/26/16A
M1908	Touch Up Paint Area A	2	0	07/26/16A	07/27/16A
M2000	MCC / Arch Punch @ O/H Scaffold Area A	5	0	07/26/16A	08/02/16A
M1817	Install Sprinkler Area B	5	0	07/18/16A	07/22/16A
M2440	Paint Area B	5	0	07/21/16A	07/26/16A
M1925	Install Ductwork Area B	5	0	07/25/16A	07/29/16A
M1917	Install Lights Area B	5	0	07/27/16A	08/01/16A
M1918	Touch Up Paint Area B	2	0	08/02/16A	08/12/16A
M2450	MCC / Arch Punch @ O/H Scaffold Area B	5	0	08/02/16A	08/12/16A

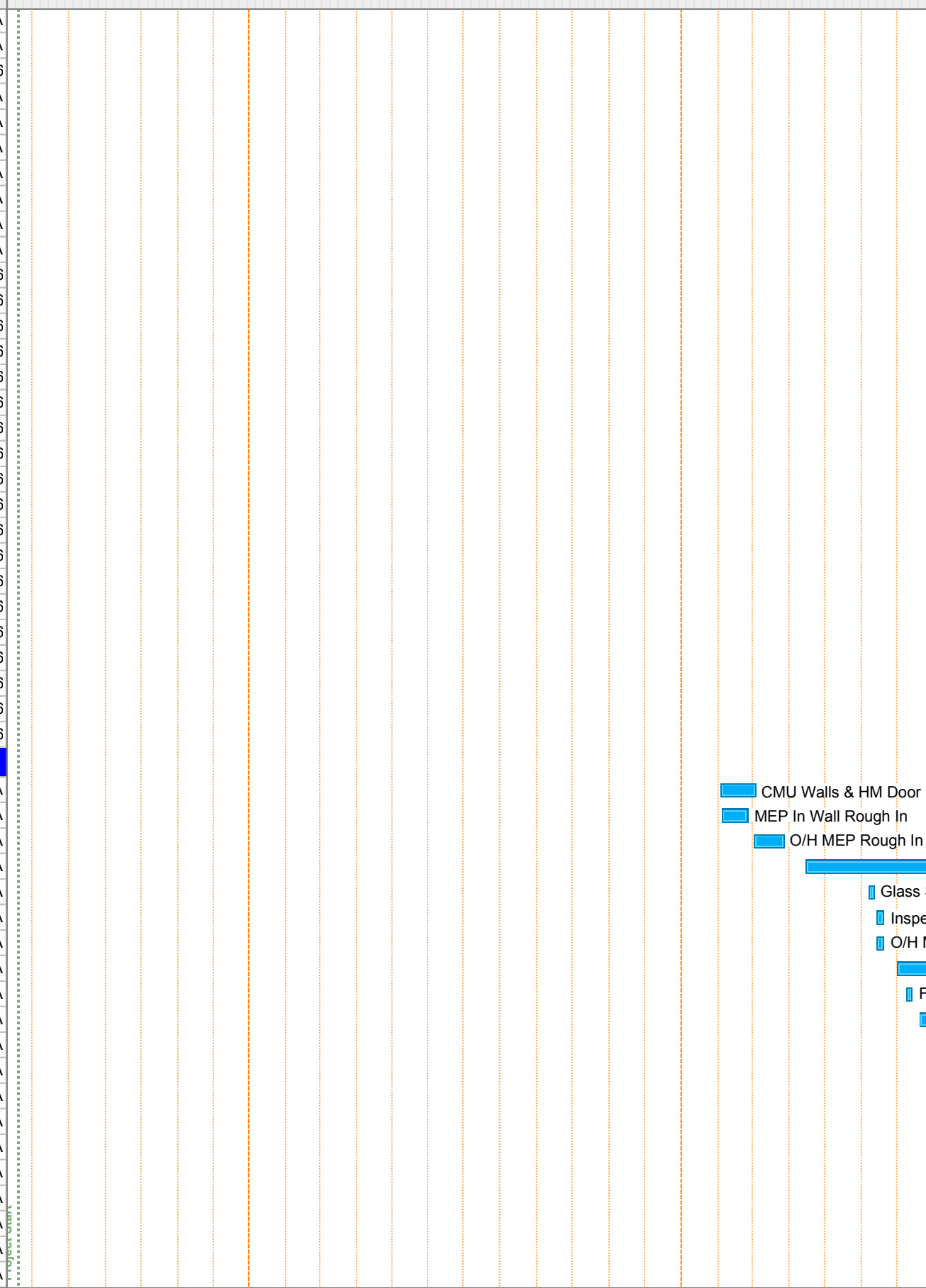


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 McKinney, TX
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ID	Description	Orig Dur	Rem Dur	Start	Finish
M2105	Plaster 5 Line Wall & Bulkheads	13	0	08/13/16A	09/06/16A
M2100	Dismantle Scaffold Over Pools	10	0	08/15/16A	08/26/16A
M2102	Competition/Leisure Pool Tile	30	4	08/22/16A	10/05/16
M2108	Paint Block Walls	9	0	08/29/16A	09/09/16A
M2106	Tile @ Lower Furdowns	4	0	08/31/16A	09/06/16A
M2101	Install Ductwork @AE Line Area A	3	0	09/06/16A	09/08/16A
M2115	Install Ductwork @AE Line Area B	2	0	09/08/16A	09/09/16A
M2104	Install Sprinkler @AE Line Area A	3	0	09/09/16A	09/09/16A
M2117	Install Sprinkler @AE Line Area B	1	0	09/12/16A	09/12/16A
M2107	Install Lights @AE Line Area A	2	0	09/12/16A	09/13/16A
M2118	Install Lights Area B (Status of Parts?)	14	2	09/14/16A	10/03/16
M2103	Indoor Slide	7	3	09/28/16A	10/04/16
M2167	Acoustical Panels	8	8	10/04/16	10/13/16
M2150	Comp Pool Test (Includes 1 day to fill pool)	6	6	10/06/16	10/13/16
M2152	Clean Leisure Pool	6	6	10/06/16	10/13/16
M2155	Drain Comp Pool	1	1	10/14/16	10/14/16
M2121	MEP Trim Out	5	5	10/14/16	10/20/16
M2157	Leisure Pool Test (Includes 1 day to fill pool)	6	6	10/14/16	10/21/16
M2158	Clean Competition Pool	6	6	10/14/16	10/21/16
M2156	Floor Tile/Competition	5	5	10/15/16	10/20/16
M2162	Plaster Prep Competition Pool	3	3	10/21/16	10/24/16
M2161	Plaster Prep Leisure Pool	3	3	10/23/16	10/25/16
M2159	Plaster and Fill (Competition)	2	2	10/25/16	10/26/16
M2163	Plaster Leisure Pool	2	2	10/26/16	10/27/16
M2165	Startup Dectron Units	5	5	10/26/16	11/01/16
M2353	Rough Clean	5	5	10/28/16	11/03/16
M2122	Install OverHead Doors	8	8	10/28/16	11/08/16
M2358	MCC Punch	5	5	11/04/16	11/10/16
M2359	Final Clean	10	10	11/11/16	11/28/16
Entry Area					
M1715	CMU Walls & HM Door Frames	25	0	02/02/16A	03/01/16A
M1710	MEP In Wall Rough In	25	0	02/03/16A	02/23/16A
M1910	O/H MEP Rough In	19	0	03/01/16A	03/25/16A
M3010	Floor & Wall Tile	25	0	04/14/16A	07/26/16A
M1810	Glass System @ CMU	3	0	06/06/16A	06/09/16A
M1915	Inspections / MEP O/H	5	0	06/13/16A	06/17/16A
M2110	O/H MEP Trim Out In Hardlid Ceilings	5	0	06/13/16A	06/17/16A
M2410	Tape / Bed / 1st Coat Paint Ceilings	10	0	06/30/16A	08/18/16A
M2010	Frame Hardlid Ceilings	4	0	07/08/16A	07/11/16A
M2310	Ceramic Tile Ceilings	5	0	07/19/16A	07/27/16A
M3020	Sinks and Toilets	18	0	07/27/16A	08/24/16A
M2510	Paint 1st Coat CMU Walls	6	0	07/28/16A	08/17/16A
M2060	Install Elevator	20	0	08/01/16A	08/26/16A
M2860	Overhead MEP Work Related to PR24R	1	0	08/22/16A	08/22/16A
M2710	Millwork	10	0	08/22/16A	08/24/16A
M2897	New Panel Procurement and Installation (PR24R)	14	0	08/22/16A	09/06/16A
M2870	X Ray & Verify Core Locations (PR24R)	5	0	08/29/16A	09/02/16A
M2065	Complete CMU @ Elevator (All Floors)	10	0	08/31/16A	09/08/16A
M2875	Core L2 (PR24R)	2	0	09/07/16A	09/08/16A
M2877	Remove Rock (PR24R)	1	0	09/09/16A	09/09/16A



- Plaster 5 Line Wall & Bulkheads
- Dismantle Scaffold Over Pools
- Competition/Leisure Pool Tile
- Paint Block Walls
- Tile @ Lower Furdowns
- Install Ductwork @AE Line Area A
- Install Ductwork @AE Line Area B
- Install Sprinkler @AE Line Area A
- Install Sprinkler @AE Line Area B
- Install Lights @AE Line Area A
- Install Lights Area B (Status of Parts?)
- Indoor Slide
- Acoustical Panels
- Comp Pool Test (Includes 1 day to fill pool)
- Clean Leisure Pool
- Drain Comp Pool
- MEP Trim Out
- Leisure Pool Test (Includes 1 day to fill pool)
- Clean Competition Pool
- Floor Tile/Competition
- Plaster Prep Competition Pool
- Plaster Prep Leisure Pool
- Plaster and Fill (Competition)
- Plaster Leisure Pool
- Startup Dectron Units
- Rough Clean
- Install OverHead Doors
- MCC Punch
- Final Clean
- CMU Walls & HM Door Frames
- MEP In Wall Rough In
- O/H MEP Rough In
- Floor & Wall Tile
- Glass System @ CMU
- Inspections / MEP O/H
- O/H MEP Trim Out In Hardlid Ceilings
- Tape / Bed / 1st Coat Paint Ceilings
- Frame Hardlid Ceilings
- Ceramic Tile Ceilings
- Sinks and Toilets
- Paint 1st Coat CMU Walls
- Install Elevator
- Overhead MEP Work Related to PR24R
- Millwork
- New Panel Procurement and Installation (PR24R)
- X Ray & Verify Core Locations (PR24R)
- Complete CMU @ Elevator (All Floors)
- Core L2 (PR24R)
- Remove Rock (PR24R)

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McKinney Aquatics & Fitness Center
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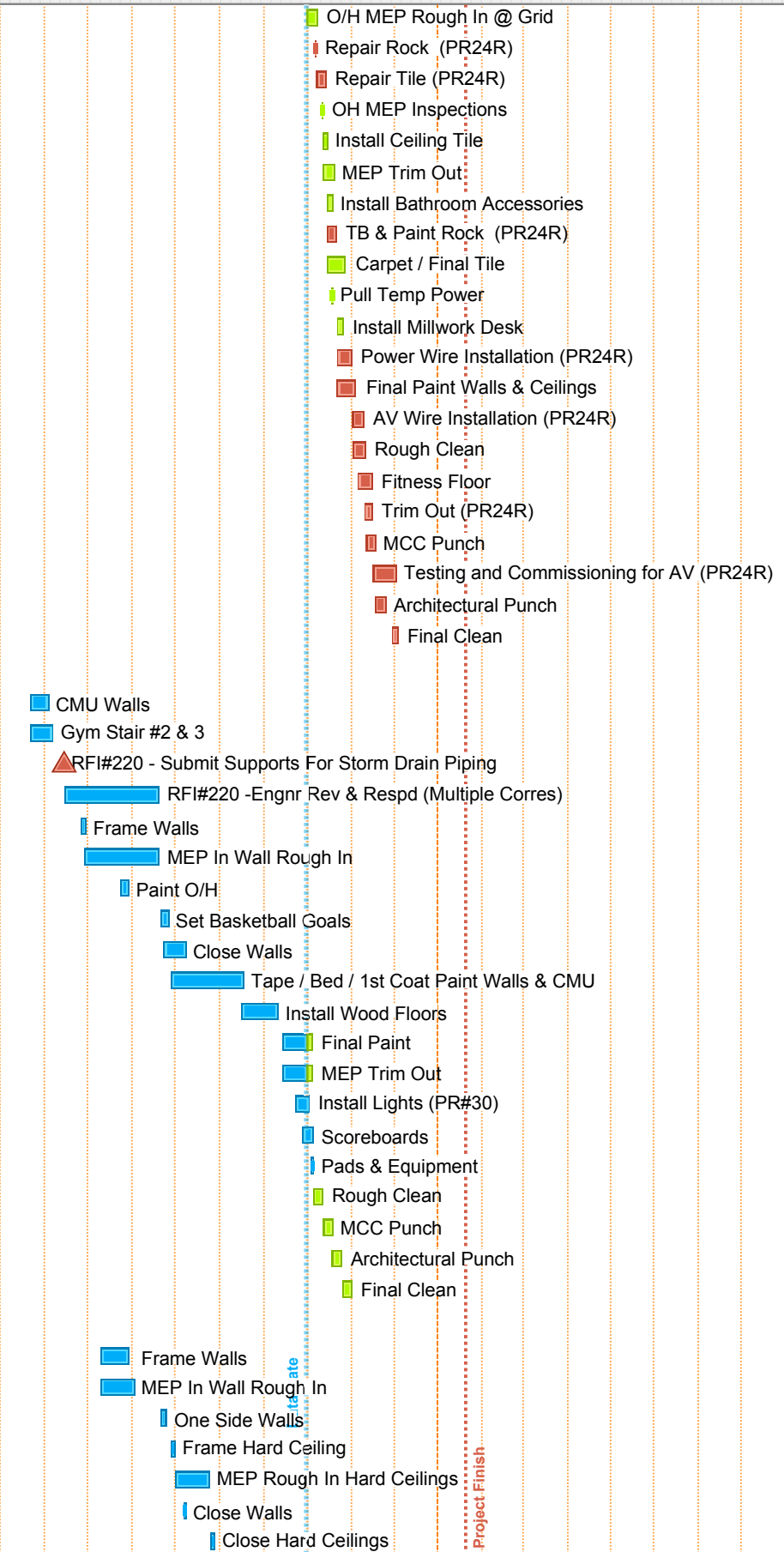
ID	Description	Orig Dur	Rem Dur	Start	Finish	2014				2015				2016				2017											
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
M2830	O/H MEP Rough In @ Grid	6	6	09/30/16A	10/07/16																								
M2855	Repair Rock (PR24R)	1	1	10/06/16	10/06/16																								
M2857	Repair Tile (PR24R)	5	5	10/07/16	10/13/16																								
M2832	OH MEP Inspections	1	1	10/10/16	10/10/16																								
M2930	Install Ceiling Tile	3	3	10/11/16	10/13/16																								
M2980	MEP Trim Out	5	5	10/12/16	10/18/16																								
M2935	Install Bathroom Accessories	2	2	10/14/16	10/17/16																								
M2858	TB & Paint Rock (PR24R)	5	5	10/14/16	10/20/16																								
M2880	Carpet / Final Tile	10	10	10/14/16	10/27/16																								
M2856	Pull Temp Power	1	1	10/17/16	10/17/16																								
M3095	Install Millwork Desk	3	3	10/21/16	10/25/16																								
M2859	Power Wire Installation (PR24R)	7	7	10/21/16	10/31/16																								
M3030	Final Paint Walls & Ceilings	10	10	10/21/16	11/03/16																								
M2865	AV Wire Installation (PR24R)	6	6	11/01/16	11/08/16																								
M3220	Rough Clean	5	7	11/01/16	11/09/16																								
M3080	Fitness Floor	7	7	11/04/16	11/14/16																								
M2867	Trim Out (PR24R)	4	4	11/09/16	11/14/16																								
M3320	MCC Punch	5	5	11/10/16	11/16/16																								
M2868	Testing and Commissioning for AV (PR24R)	10	10	11/15/16	11/30/16																								
M3420	Architectural Punch	5	5	11/17/16	11/23/16																								
M3520	Final Clean	5	5	11/28/16	12/02/16																								

Gym Area

M1620	CMU Walls	10	0	03/21/16A	04/01/16A
M2170	Gym Stair #2 & 3	10	0	03/21/16A	04/04/16A
RFI#220	RFI#220 - Submit Supports For Storm Drain Piping	0	0	04/13/16A	
RFI#220-10	RFI#220 -Engr Rev & Respd (Multiple Corres)	10	0	04/14/16A	06/17/16A
M1670	Frame Walls	3	0	04/25/16A	04/27/16A
M1720	MEP In Wall Rough In	5	0	04/28/16A	06/17/16A
M1870	Paint O/H	10	0	05/23/16A	05/27/16A
M1975	Set Basketball Goals	6	0	06/20/16A	06/24/16A
M1770	Close Walls	4	0	06/22/16A	07/06/16A
M2020	Tape / Bed / 1st Coat Paint Walls & CMU	9	0	06/27/16A	08/15/16A
M2075	Install Wood Floors	28	0	08/15/16A	09/08/16A
M2120	Final Paint	15	2	09/13/16A	10/03/16
M2123	MEP Trim Out	15	2	09/13/16A	10/03/16
M1920	Install Lights (PR#30)	5	0	09/22/16A	10/01/16A
M2070	Scoreboards	5	0	09/27/16A	10/03/16A
M2125	Pads & Equipment	5	0	10/03/16A	10/03/16A
M3230	Rough Clean	5	5	10/04/16	10/10/16
M3330	MCC Punch	5	5	10/11/16	10/17/16
M3430	Architectural Punch	5	5	10/18/16	10/24/16
M3530	Final Clean	5	5	10/25/16	10/31/16

Entry Area Restroom

M3570	Frame Walls	6	0	05/09/16A	05/30/16A
M3620	MEP In Wall Rough In	5	0	05/09/16A	05/31/16A
M3675	One Side Walls	3	0	06/20/16A	06/22/16A
M3670	Frame Hard Ceiling	2	0	06/27/16A	06/28/16A
M3770	MEP Rough In Hard Ceilings	3	0	06/30/16A	07/22/16A
M3720	Close Walls	1	0	07/06/16A	07/06/16A
M3820	Close Hard Ceilings	2	0	07/25/16A	07/26/16A

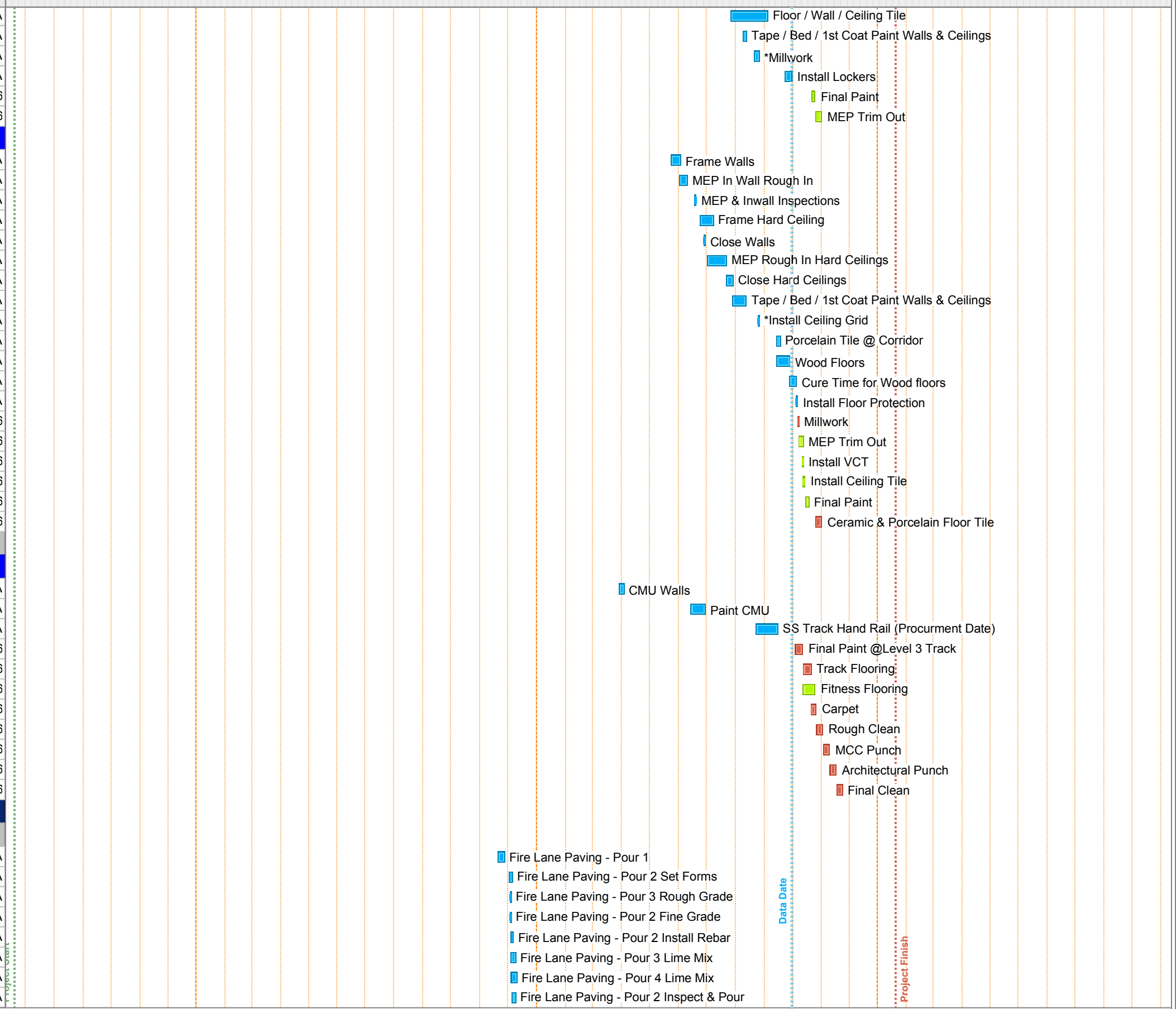


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ID	Description	Orig Dur	Rem Dur	Start	Finish
M3870	Floor / Wall / Ceiling Tile	9	0	07/26/16A	09/02/16A
M3920	Tape / Bed / 1st Coat Paint Walls & Ceilings	3	0	08/08/16A	08/10/16A
M4020	*Millwork	6	0	08/20/16A	08/24/16A
M4080	Install Lockers	5	0	09/22/16A	09/28/16A
M4070	Final Paint	2	2	10/21/16	10/24/16
M3970	MEP Trim Out	5	5	10/25/16	10/31/16
Classrooms					
M3590	Frame Walls	6	0	05/23/16A	06/01/16A
M3640	MEP In Wall Rough In	5	0	06/01/16A	06/08/16A
M3705	MEP & Inwall Inspections	1	0	06/17/16A	06/17/16A
M3690	Frame Hard Ceiling	7	0	06/23/16A	07/06/16A
M3740	Close Walls	1	0	06/27/16A	06/27/16A
M3790	MEP Rough In Hard Ceilings	5	0	07/01/16A	07/20/16A
M3840	Close Hard Ceilings	5	0	07/21/16A	07/27/16A
M3940	Tape / Bed / 1st Coat Paint Walls & Ceilings	10	0	07/28/16A	08/10/16A
M3895	*Install Ceiling Grid	1	0	08/24/16A	08/24/16A
M3900	Porcelain Tile @ Corridor	6	0	09/13/16A	09/16/16A
M3910	Wood Floors	9	0	09/13/16A	09/26/16A
M3912	Cure Time for Wood floors	5	0	09/27/16A	10/03/16A
M3913	Install Floor Protection	1	0	10/04/16A	10/04/16A
M4040	Millwork	2	2	10/05/16	10/06/16
M3990	MEP Trim Out	3	3	10/07/16	10/11/16
M3915	Install VCT	2	2	10/10/16	10/11/16
M3897	Install Ceiling Tile	2	2	10/12/16	10/13/16
M4090	Final Paint	2	2	10/14/16	10/17/16
M3890	Ceramic & Porcelain Floor Tile	5	5	10/25/16	10/31/16
Level 3					
Gym Area					
M3730	CMU Walls	5	0	03/28/16A	04/01/16A
M3830	Paint CMU	11	0	06/13/16A	06/27/16A
M3780	SS Track Hand Rail (Procurement Date)	20	0	08/22/16A	09/13/16A
M3787	Final Paint @Level 3 Track	6	6	10/03/16	10/10/16
M3630	Track Flooring	7	7	10/11/16	10/19/16
M3580	Fitness Flooring	10	10	10/11/16	10/24/16
M3680	Carpet	4	4	10/20/16	10/25/16
M3240	Rough Clean	5	5	10/26/16	11/01/16
M3340	MCC Punch	5	5	11/02/16	11/08/16
M3440	Architectural Punch	5	5	11/09/16	11/15/16
M3540	Final Clean	5	5	11/16/16	11/22/16
Parking Areas & Landscape					
Pavement					
M1760	Fire Lane Paving - Pour 1	5	0	11/19/15A	11/25/15A
M1740	Fire Lane Paving - Pour 2 Set Forms	1	0	12/01/15A	12/03/15A
M1750	Fire Lane Paving - Pour 3 Rough Grade	1	0	12/02/15A	12/02/15A
M1940	Fire Lane Paving - Pour 2 Fine Grade	1	0	12/02/15A	12/02/15A
M1950	Fire Lane Paving - Pour 2 Install Rebar	1	0	12/03/15A	12/04/15A
M1890	Fire Lane Paving - Pour 3 Lime Mix	3	0	12/03/15A	12/07/15A
M2160	Fire Lane Paving - Pour 4 Lime Mix	4	0	12/03/15A	12/08/15A
M1960	Fire Lane Paving - Pour 2 Inspect & Pour	1	0	12/04/15A	12/07/15A

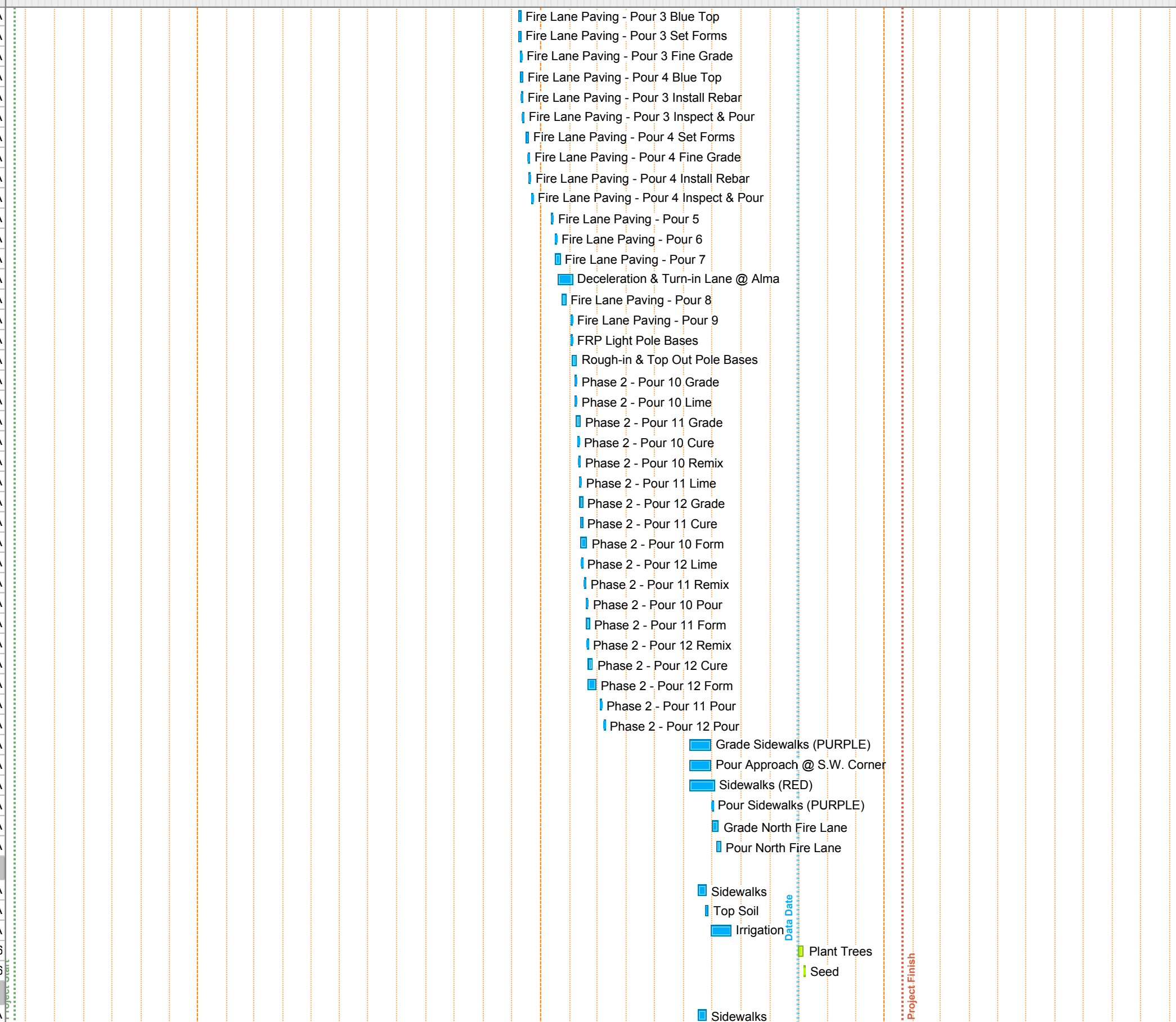


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M1990	Fire Lane Paving - Pour 3 Blue Top	2	0	12/07/15A	12/08/15A
M2040	Fire Lane Paving - Pour 3 Set Forms	2	0	12/07/15A	12/08/15A
M2050	Fire Lane Paving - Pour 3 Fine Grade	1	0	12/09/15A	12/09/15A
M1530	Fire Lane Paving - Pour 4 Blue Top	2	0	12/09/15A	12/10/15A
M2090	Fire Lane Paving - Pour 3 Install Rebar	1	0	12/10/15A	12/10/15A
M2140	Fire Lane Paving - Pour 3 Inspect & Pour	1	0	12/11/15A	12/11/15A
M1640	Fire Lane Paving - Pour 4 Set Forms	3	0	12/15/15A	12/16/15A
M1650	Fire Lane Paving - Pour 4 Fine Grade	1	0	12/17/15A	12/17/15A
M1660	Fire Lane Paving - Pour 4 Install Rebar	1	0	12/18/15A	12/18/15A
M1690	Fire Lane Paving - Pour 4 Inspect & Pour	1	0	12/21/15A	12/21/15A
M2180	Fire Lane Paving - Pour 5	1	0	01/11/16A	01/11/16A
M2190	Fire Lane Paving - Pour 6	1	0	01/15/16A	01/15/16A
M2220	Fire Lane Paving - Pour 7	1	0	01/15/16A	01/19/16A
M2270	Deceleration & Turn-in Lane @ Alma	10	0	01/18/16A	02/01/16A
M2240	Fire Lane Paving - Pour 8	1	0	01/22/16A	01/25/16A
M2260	Fire Lane Paving - Pour 9	1	0	02/01/16A	02/01/16A
M2370	FRP Light Pole Bases	1	0	02/01/16A	02/01/16A
M2380	Rough-in & Top Out Pole Bases	4	0	02/02/16A	02/05/16A
M2360	Phase 2 - Pour 10 Grade	1	0	02/05/16A	02/05/16A
M2365	Phase 2 - Pour 10 Lime	1	0	02/05/16A	02/05/16A
M2377	Phase 2 - Pour 11 Grade	3	0	02/06/16A	02/09/16A
M2367	Phase 2 - Pour 10 Cure	1	0	02/08/16A	02/08/16A
M2368	Phase 2 - Pour 10 Remix	1	0	02/09/16A	02/09/16A
M2378	Phase 2 - Pour 11 Lime	1	0	02/10/16A	02/10/16A
M2389	Phase 2 - Pour 12 Grade	3	0	02/10/16A	02/12/16A
M2379	Phase 2 - Pour 11 Cure	2	0	02/11/16A	02/12/16A
M2369	Phase 2 - Pour 10 Form	5	0	02/11/16A	02/16/16A
M2395	Phase 2 - Pour 12 Lime	1	0	02/12/16A	02/12/16A
M2385	Phase 2 - Pour 11 Remix	1	0	02/15/16A	02/15/16A
M2375	Phase 2 - Pour 10 Pour	1	0	02/17/16A	02/17/16A
M2387	Phase 2 - Pour 11 Form	4	0	02/17/16A	02/19/16A
M2398	Phase 2 - Pour 12 Remix	1	0	02/18/16A	02/18/16A
M2397	Phase 2 - Pour 12 Cure	3	0	02/19/16A	02/22/16A
M2399	Phase 2 - Pour 12 Form	5	0	02/19/16A	02/26/16A
M2388	Phase 2 - Pour 11 Pour	1	0	03/03/16A	03/03/16A
M2405	Phase 2 - Pour 12 Pour	1	0	03/07/16A	03/07/16A
M2408	Grade Sidewalks (PURPLE)	1	0	06/06/16A	06/27/16A
M2409	Pour Approach @ S.W. Corner	1	0	06/06/16A	06/27/16A
M2407	Sidewalks (RED)	1	0	06/06/16A	07/01/16A
M2425	Pour Sidewalks (PURPLE)	1	0	06/30/16A	06/30/16A
M2426	Grade North Fire Lane	3	0	06/30/16A	07/05/16A
M2427	Pour North Fire Lane	4	0	07/05/16A	07/08/16A
Landscape Area 1					
LA-1000	Sidewalks	10	0	06/15/16A	06/22/16A
LA-1100	Top Soil	10	0	06/23/16A	06/25/16A
LA-1200	Irrigation	10	0	06/29/16A	07/19/16A
LA-1400	Plant Trees	3	3	09/30/16A	10/04/16
LA-1275	Seed	2	2	10/05/16	10/06/16
Landscape Area 2					
LB-1000	Sidewalks	10	0	06/15/16A	06/22/16A

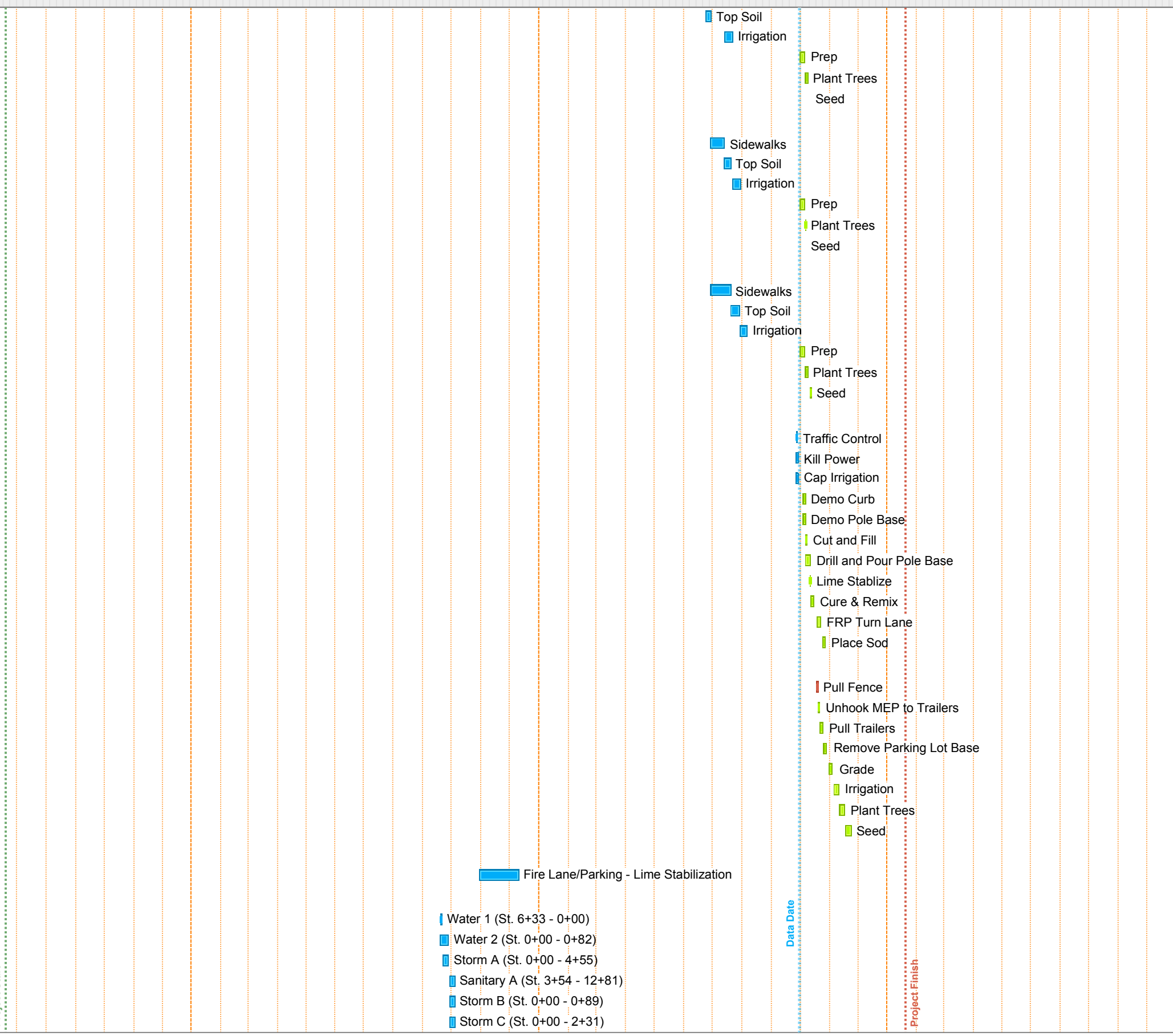


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McKinney Aquatics & Fitness Center McKinney, TX MCC Project #3666



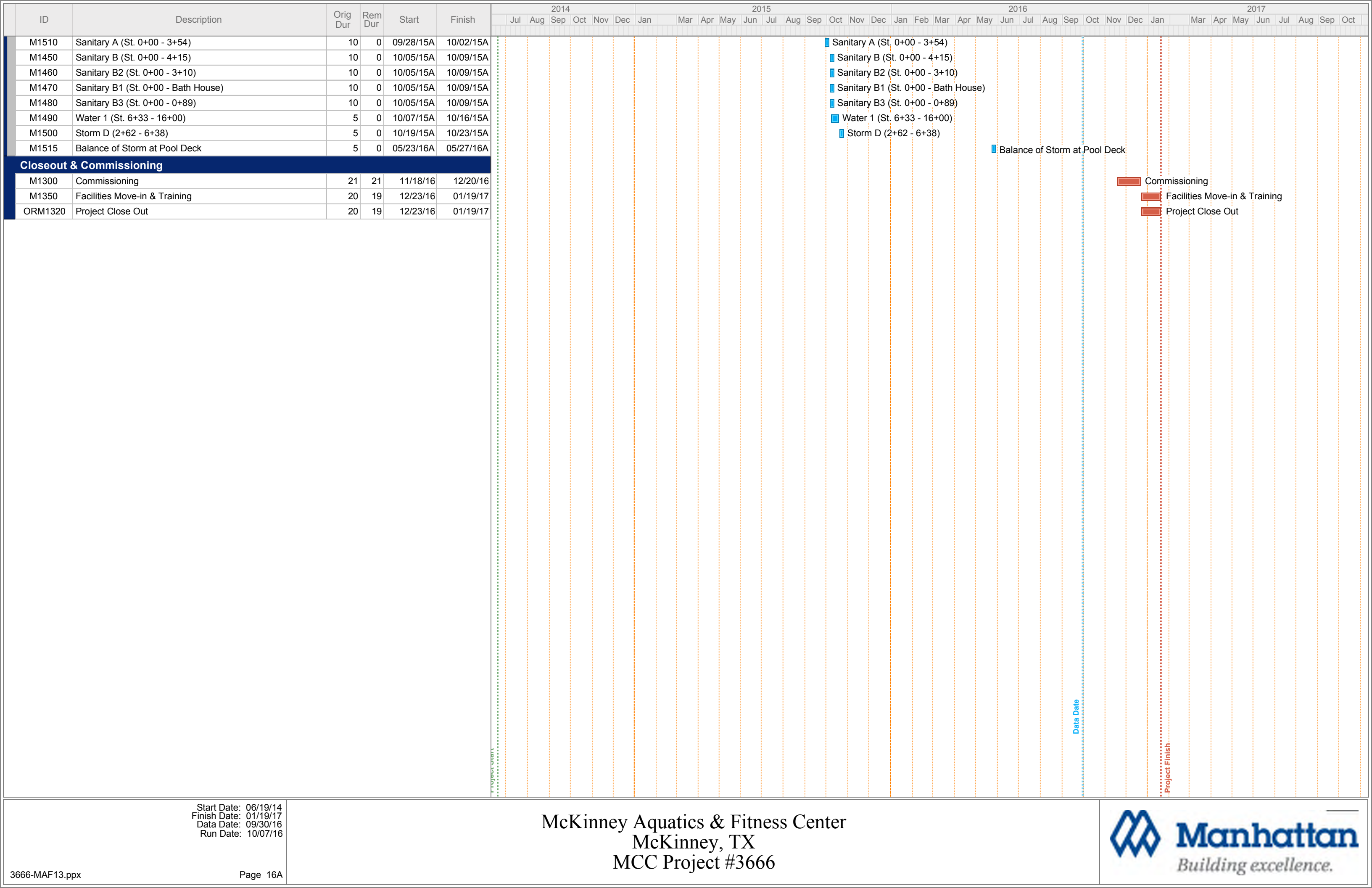
LB-1100	Top Soil	10	0	06/23/16A	06/27/16A
LB-1200	Irrigation	6	0	07/13/16A	07/20/16A
LB-1250	Prep	3	3	09/30/16A	10/04/16
LB-1275	Plant Trees	3	3	10/05/16	10/07/16
LB-1300	Seed	5	0	10/10/16	10/09/16
Landscape Area 3					
LC-1000	Sidewalks	9	0	06/28/16A	07/11/16A
LC-1100	Top Soil	5	0	07/12/16A	07/18/16A
LC-1200	Irrigation	6	0	07/21/16A	07/28/16A
LC-1300	Prep	3	3	09/30/16A	10/04/16
LC-1350	Plant Trees	1	1	10/05/16	10/05/16
LC-1400	Seed	5	0	10/06/16	10/05/16
Landscape Area 4					
LD-1000	Sidewalks	10	0	06/28/16A	07/18/16A
LD-1100	Top Soil	10	0	07/19/16A	07/27/16A
LD-1200	Irrigation	5	0	07/29/16A	08/04/16A
LD-1300	Prep	3	3	09/30/16A	10/04/16
LD-1350	Plant Trees	3	3	10/05/16	10/07/16
LD-1400	Seed	2	2	10/10/16	10/11/16
Alma Light Pole Relocation (RFI 170)					
LA-1250	Traffic Control	1	0	09/26/16A	09/26/16A
LA-1262	Kill Power	2	0	09/26/16A	09/27/16A
LA-1268	Cap Irrigation	2	0	09/26/16A	09/27/16A
LA-1271	Demo Curb	3	3	10/03/16	10/05/16
LA-1274	Demo Pole Base	3	3	10/03/16	10/05/16
LA-1375	Cut and Fill	2	2	10/06/16	10/07/16
LA-1387	Drill and Pour Pole Base	3	3	10/06/16	10/10/16
LA-1378	Lime Stablize	1	1	10/10/16	10/10/16
LA-1379	Cure & Remix	4	4	10/11/16	10/14/16
LA-1381	FRP Turn Lane	5	5	10/17/16	10/21/16
LA-1384	Place Sod	3	3	10/24/16	10/26/16
Job Trailer Footprint					
JT-1000	Pull Fence	2	2	10/17/16	10/18/16
JT-1100	Unhook MEP to Trailers	2	2	10/19/16	10/20/16
JT-1200	Pull Trailers	2	2	10/21/16	10/24/16
JT-1300	Remove Parking Lot Base	4	4	10/25/16	10/28/16
JT-1400	Grade	4	4	10/31/16	11/03/16
JT-1500	Irrigation	5	5	11/04/16	11/10/16
JT-1600	Plant Trees	3	3	11/11/16	11/15/16
JT-1700	Seed	5	5	11/16/16	11/22/16
South Elevation					
M1520	Fire Lane/Parking - Lime Stabilization	30	0	10/29/15A	12/08/15A
Utilities					
M1400	Water 1 (St. 6+33 - 0+00)	10	0	09/18/15A	09/18/15A
M1410	Water 2 (St. 0+00 - 0+82)	10	0	09/18/15A	09/25/15A
M1420	Storm A (St. 0+00 - 4+55)	10	0	09/21/15A	09/25/15A
M1425	Sanitary A (St. 3+54 - 12+81)	5	0	09/28/15A	10/02/15A
M1440	Storm B (St. 0+00 - 0+89)	5	0	09/28/15A	10/02/15A
M1445	Storm C (St. 0+00 - 2+31)	5	0	09/28/15A	10/02/15A



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BUDGET & CASH FLOW

SINE CURVE PROJECTION

Analysis Date: 10/19/16
Duration (Months): 19
Total Amount (\$): \$31,806,412
Sine Curve Option: 3

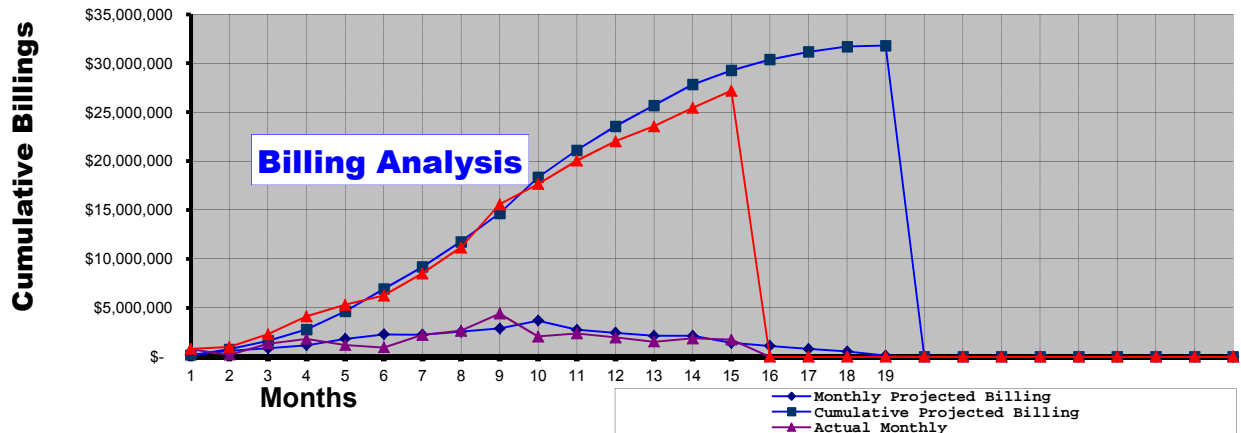
BILLING SINE CURVE OPTIONS

- Curve 1 = Project with a Fast Start
- Curve 2 = Project with a Moderately Quick Start
- Curve 3 = Project with a Typical Sine Curve
- Curve 4 = Project with a Moderately Slow Start
- Curve 5 = Project with a Very Slow Start
- Curve 6 = Project with a Straightline Billing Structure

[Cell] = Calculated cell (no input required)

SINE PROJECTIONS			ACTUALS			DELTA
Month Number	Estimated Current Application	Cumulative Application	Date of Payments	Actual Application	Cumulative Application	Variance
0	\$ -	\$ -		\$ 18,000	\$ 18,000	\$18,000
1	\$ 159,032	\$ 159,032	08/28/15	\$ 779,309	\$ 797,309	\$638,277
2	\$ 610,683	\$ 769,715	10/13/15	\$ 191,191	\$ 988,500	\$218,785
3	\$ 858,773	\$ 1,628,488	10/30/15	\$ 1,321,243	\$ 2,309,743	\$681,255
4	\$ 1,176,837	\$ 2,805,326	11/13/15	\$ 1,816,694	\$ 4,126,437	\$1,321,111
5	\$ 1,832,049	\$ 4,637,375	12/18/15	\$ 1,189,211	\$ 5,315,648	\$678,273
6	\$ 2,290,062	\$ 6,927,437	01/15/16	\$ 950,923	\$ 6,266,571	(\$660,866)
7	\$ 2,258,255	\$ 9,185,692	02/19/16	\$ 2,244,161	\$ 8,510,732	(\$674,960)
8	\$ 2,576,319	\$ 11,762,011	03/25/16	\$ 2,655,666	\$ 11,166,398	(\$595,613)
9	\$ 2,894,383	\$ 14,656,395	04/25/16	\$ 4,411,304	\$ 15,577,702	\$921,307
10	\$ 3,689,544	\$ 18,345,938	05/20/16	\$ 2,084,359	\$ 17,662,061	(\$683,878)
11	\$ 2,767,158	\$ 21,113,096	06/17/16	\$ 2,381,731	\$ 20,043,792	(\$1,069,305)
12	\$ 2,449,094	\$ 23,562,190	07/15/16	\$ 1,972,979	\$ 22,016,771	(\$1,545,419)
13	\$ 2,131,030	\$ 25,693,220	09/01/16	\$ 1,537,854	\$ 23,554,625	(\$2,138,595)
14	\$ 2,137,391	\$ 27,830,611	09/09/16	\$ 1,885,499	\$ 25,440,124	(\$2,390,487)
15	\$ 1,431,289	\$ 29,261,899		\$ 1,756,499	\$ 27,196,623	(\$2,065,276)
16	\$ 1,113,224	\$ 30,375,123				
17	\$ 795,160	\$ 31,170,284				
18	\$ 534,348	\$ 31,704,631				
19	\$ 101,781	\$ 31,806,412				

Current Variance (2,065,276)





WEATHER

McKinney Aquatics and Fitness Center

3003 Alma Road
McKinney, TX 75070

Tel: Fax:

Manhattan Construction Company

Project # 3666

Date	Temperature		Precip	Cumulative Precipitation	Lost Workday	Conditions
	Low	Median High				
9/17/2016	71	95	0.00	70.08		Clear
9/18/2016	69	93	0.19	70.27		Clear, Fog, Thunder, Windy(41mph)
9/19/2016	74	96	0.00	70.27		Clear, Fog
9/20/2016	74	96	0.00	70.27		Clear, Fog
9/21/2016	69	91	0.00	70.27		Clear, Fog
9/22/2016	66	92	0.00	70.27		Clear
9/23/2016	70	93	0.00	70.27		Clear, Windy(27mph)
9/24/2016	75	90	0.00	70.27		Partly Cloudy, Thunder, Windy(24mph)
9/25/2016	69	79	2.58	72.85		Cloudy, Fog, Thunder, Windy(21mph)
9/26/2016	62	69	2.06	74.91	Y	Cloudy, Fog, Windy(25mph)
9/27/2016	58	77	0.00	74.91		Clear, Fog, Smoke
9/28/2016	54	87	0.00	74.91		Clear, Smoke
9/29/2016	56	76	0.00	74.91		Clear, Windy(24mph)
9/30/2016	51	79	0.00	74.91		Clear
10/1/2016	57	81	0.00	74.91		Clear
10/2/2016	56	83	0.00	74.91		Clear
10/3/2016	58	83	0.00	74.91		Clear, Fog, Smoke, Windy(22mph)
10/4/2016	64	87	0.00	74.91		Clear, Windy(30mph)
10/5/2016	72	89	0.00	74.91		Clear, Windy(26mph)
10/6/2016	70	88	0.00	74.91		Partly Cloudy, Windy(26mph)
10/7/2016	58	74	0.69	75.60		Partly Cloudy, Fog, Windy(32mph)
10/8/2016	51	77	0.00	75.60		Clear
10/9/2016	49	75	0.00	75.60		Clear
10/10/2016	49	78	0.00	75.60		Clear
10/11/2016	51	85	0.00	75.60		Clear, Windy(24mph)
10/12/2016	61	88	0.00	75.60		Partly Cloudy, Windy(31mph)
10/13/2016	57	73	0.00	75.60		Partly Cloudy
10/14/2016	59	77	0.00	75.60		Partly Cloudy
10/15/2016	68	86	0.00	75.60		Partly Cloudy, Fog, Windy(32mph)
10/16/2016	70	88	0.00	75.60		Clear, Windy(31mph)
10/17/2016	72	89	0.00	75.60		Clear, Windy(34mph)



PHOTOGRAPHS



Manhattan
Building excellence.



McKINNEY Aquatic & Fitness Center
design by nature

Print #161003712

Date: 10/03/16

Lat/Lon: 33.172764 -96.714439

Order No. 69827



Aerial Photography, Inc. 954-568-0484



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Aquatic & Fitness Center

design by nature.

Print #161003710

Date: 10/03/16

Lat/Lon: 33.172764 -96.714439

Order No. 69827



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McKINNEY Aquatic & Fitness Center

Print #161003711

Date: 10/03/16

Lat/Lon: 33.172764 -96.714439

Order No. 69827



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