

# Monthly Report McKinney Aquatics & Fitness Center McKinney, Texas



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



# **Monthly Report**McKinney Aquatics & Fitness Center

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# **CONSTRUCTION STATUS**



## August 18, 2016 - Construction Status

#### Site Work & Utilities

 Removal of the stock pile of soil material at the southernmost area of the site is complete. Some stockpiled material does remain on site including the top soil material and the spoils pile left over from the PSA construction project.

#### Landscape & Hardscape

- Sidewalk concrete is ongoing in multiple locations
- Removal of waste soil and the placement of topsoil is ongoing
- Construction of landscaping and site retaining wall work is ongoing

#### Concrete & CMU

- Interior CMU walls are complete excluding the construction of the walls at the elevator openings
- Coordination is ongoing to place the outdoor pool area paving.

#### 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 delivered and are being installed

#### **Drywall Partitions and Ceilings**

 All interior walls have been framed and sheathed. Interior ceiling furrdowns have been framed and are pending AV conduit rough in to complete.

#### **Interior Finishes**

- Tile installation work is ongoing at Levels 1 and 2. Wood floor and millwork material has been delivered to the site and the acclimation period has started.
- The overhead finishes at both the Natatorium and Gym area are ongoing

#### **Elevators**

Elevator installation has started

#### **Pools**

Erection of Slides A and B is complete. Wall tile installation is ongoing at the Outdoor Pool

#### **Mechanical / Plumbing / Fire Protection**

- Overhead mechanical equipment and ductwork is being installed, tested and startup of equipment is ongoing. Conditioned areas became available on July 18<sup>th</sup>.
- The overhead mechanical duct work and fire protection systems have been installed at the Natatorium.

#### **Electrical / Lighting Control / Fire Alarm**

- Permanent power was achieved on July 2<sup>nd</sup>.
- Electrical lighting was scheduled to be installed at the Gym Area but has been delayed by Proposal Request 30 which redesigned the light fixtures in this area to relieve issues with overhead obstructions. The PR 30 work will now follow the installation of the gym floor.
- The overhead electrical and lighting systems have been installed at the Natatorium.



#### Audio Visual / Tele/Data / Security

Installation of rough in boxes and conduit for low voltage work is ongoing. Coordination of the audio visual work is ongoing. The scope clarification and coordination process must complete as soon as possible to avoid further impact to installed systems. Proposal Request 25R was issued on July 19<sup>th</sup> for contractor response. MCC has issued this revision to the Trades and will advise on the final impact to the project schedule.



# DESIGN & OWNER COORDINATION ITEMS



## August 18, 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 will continue with all work as scheduled and will rework areas as needed
once the AV Design is confirmed.

#### **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 will continue with all work as scheduled and will rework areas as needed once the AV Design is confirmed.

#### **Elevators**

NA

#### **Pools**

NA

## Mechanical / Plumbing / Fire Protection

- Support for Roof Drain Piping (pending RFI 220)
- Washer/Dryer being Added in Room 112 (RFI 252 and PR 23)

## **Electrical / Lighting Control / Fire Alarm**

- Final coordination of the lighting at the Gym area (PR 30) has required additional effort to coordinate the installation of the lighting fixtures following the installation of the gym flooring.
- Final coordination and approval of PR 24R Additional Fitness Equipment

#### Audio Visual / Tele/Data / Security

- Final coordination and approval of PR 25RR AV Design Development
- Final coordination and approval of PR 24R Additional Fitness Equipment



# SUBCONTRACTOR STATUS LOG



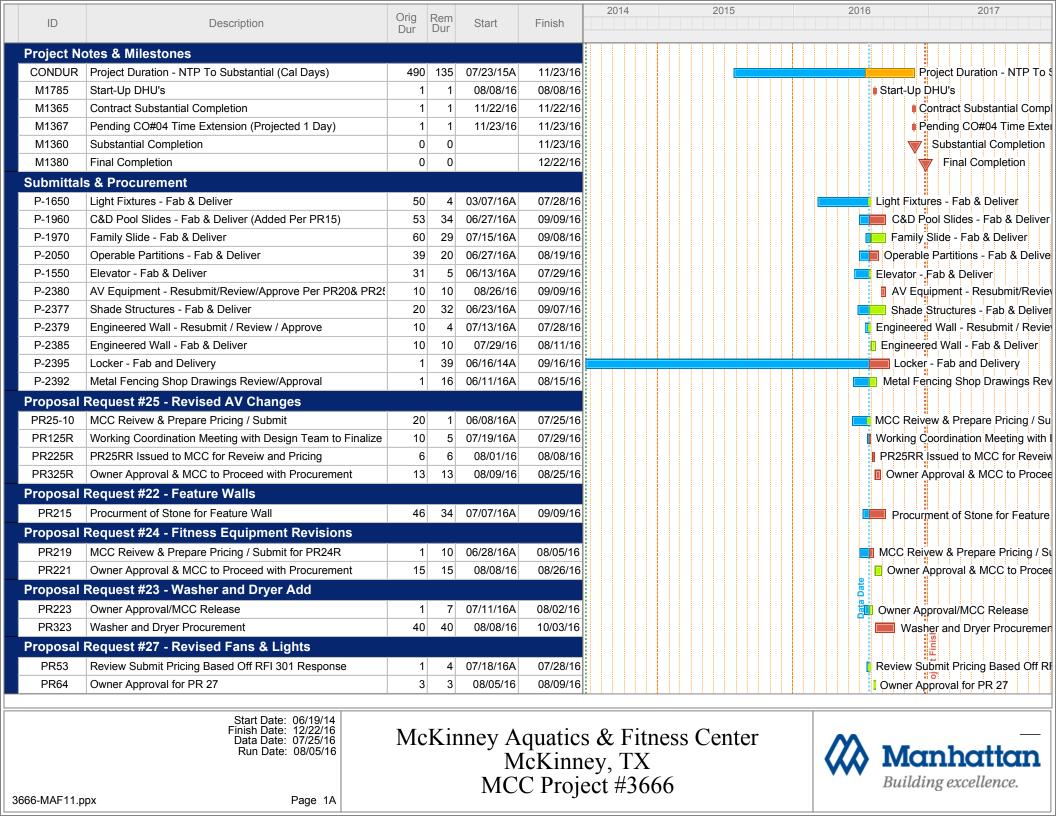
## McKinney Aquatics & Fitness Center - Contractor Award Log

Rid Daglagge	Coope of Warle	Awandad Cantractor	Award Notice:
Bid Package:	Scope of Work:	Awarded Contractor: Kent Companies	Award Nouce:
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
		Lantek Communications	
34	Tele Data Comm		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

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# SCHEDULE SUMMARY



		Orig	Rem	01 .		2014	2015	2016	2017
ID	Description	Dur	Dur	Start	Finish				
ASI #22 -	Light Pole Clarifications								
ASI122	Light Pole Procurement Per ASI #22 Direction	1	17	06/21/16A	08/16/16			Light Pol	e Procurement Per ASI #2
Proposal	Request #30 - Light Revisions in Gym								
PR76	MCC Review and Pricing Submission	10	5	07/18/16A	07/29/16			MCC Revi	ew and Pricing Submissio
PR99	Owner Approval and Release to MCC	5	5	08/01/16	08/05/16			l Owner Ap	proval and Release to M0
PR104	Submit Shops for Approval to Proceed	10	10	08/08/16	08/19/16			Submit S	hops for Approval to Proc
PR110	Procurement of Added Lights	25	25	08/08/16	09/12/16			Procur	ement of Added Lights
Foundation	on								
Level 1									
Bath Ho	ouse								
M1578	Install Glulam Beams	5	5	07/27/16A	08/04/16			Install Glu	lam Beams
M1579	Wood Decking	4	4	08/05/16	08/10/16			Wood De	cking
M1585	Roofing	5	5	08/11/16	08/17/16			Roofing	
M1587	Wall Tile & Quarry Tile Base	10	10	08/18/16	08/31/16			<b>□</b> Wall Tile	e & Quarry Tile Base
M1592	Prime & Final Paint	5	5	09/01/16	09/08/16			Prime 8	Final Paint
M1588	Seal Concrete Floors	2	2	09/09/16	09/12/16			Seal C	oncrete Floors
M1589	Partitions	4	4	09/13/16	09/16/16			<b>!</b> Partitio	ns
M1595	Millwork & Countertops	4	4	09/13/16	09/16/16			<b>∮</b> Millwo	k & Countertops
M1597	Install Lockers	2	2	09/19/16	09/20/16			Install	Lockers
M1598	MEP Trim Out	5	5	09/19/16	09/23/16			I MEP	Frim Out
M1599	Clean & MCC Punch	5	5	09/26/16	09/30/16			Clear	& MCC Punch
Outdoo	r Pool Area								
M2351	Install Tile	15	4	06/27/16A	07/28/16			Install Tile	
M2342	A&B Slide Erections	20	9	06/27/16A	08/04/16			🗐 A&B Slide	Erections
M2355	Electrical / AV Underground	4	4	07/06/16A	07/28/16			Electrical /	AV Underground
M2332	Final Grade Pool Deck	6	6	07/26/16	08/02/16				le Pool Deck
M2341	Install Trench Drain Base (RFI#143 & RFI#259)	7	7	08/03/16	08/11/16			I Install Tre	ench Drain Base (RFI#143
M2347	Install Trench Drains	8	8	08/12/16	08/23/16				ench Drains
M2334	Install Light Poles	2	_	08/17/16	08/18/16			📮 🕴 Install Liq	
M2333	FRP Pool Deck	12	12	09/06/16	09/21/16				ool Deck
M2346	Install Shade Structures	6	_	09/08/16	09/15/16				Shade Structures
M2348	C&D Slide Erections (Add Per PR#15)	21		09/12/16	10/10/16				Slide Erections (Add Per
M2352	FRP Mow Strip	10		09/16/16	09/29/16				Mow Strip
M2354	Install Family Slide	10	10	10/11/16	10/24/16			<b>I</b> Inst	all Family Slide
	Chart Data: 00/40/44								

Start Date: 06/19/14 Finish Date: 12/22/16 Data Date: 07/25/16 Run Date: 08/05/16

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



ID.	Description of the second of t	Orig [	Rem	04- 4	Final I	2014	2015	2016	2017
ID	Description		Dur	Start	Finish				
Retainin	g Walls								
RW4-100	Excavate Footing #4	3	3	08/05/16	08/09/16			Excavate F	ooting #4
RW4-200	Erect Stacked Stone Wall #4	5	5	08/10/16	08/16/16			Erect Stacl	ked Stone Wall #4
RW4-300	Backfill #4	3	3	08/17/16	08/19/16			Backfill #4	
RWM-100	Excavate Footing #11 #12 & #13	3	3	08/10/16	08/12/16				ooting #11 #12 & #13
RWM-200	Erect Stacked Stone Wall #11 #12 & #13	4	4	08/17/16	08/22/16			Erect Stac	ked Stone Wall #11 #12
RWM-300	Backfill #11 #12 & #13	3	3	08/23/16	08/25/16			Backfill #1	1 #12 & #13
RW5-100	Excavate Footing #5	3	3	08/15/16	08/17/16			Excavate F	ooting #5
RW5-200	Erect Stacked Stone Wall #5	3	3	08/23/16	08/25/16			Erect Stac	ked Stone Wall #5
RW5-300	Backfill #5	3	3	08/26/16	08/30/16			Backfill.#5	5
RW6-100	Excavate Footing #6	3	3	08/18/16	08/22/16			Excavate I	Footing #6
RW6-200	Erect Stacked Stone Wall #6	3	3	08/26/16	08/30/16			Erect Stad	cked Stone Wall #6
RW6-300	Backfill #6	3	3	08/31/16	09/02/16			Backfill.#6	6
RW3-100	Excavate Footing #3	3	3	08/23/16	08/25/16			Excavate	Footing #3
RW3-200	Erect Stacked Stone Wall #3	5	5	08/31/16	09/07/16			Erect Sta	cked Stone Wall #3
RW3-300	Backfill #3	3	3	09/08/16	09/12/16			Backfill #	<b>t</b> 3
RW2-100	Excavate Footing #2	2	2	09/06/16	09/07/16			I Excavate	Footing #2
RW2-200	Erect Stacked Stone Wall #2	2	2	09/08/16	09/09/16			Frect Sta	acked Stone Wall #2
RW2-300	Backfill #2	2	2	09/13/16	09/14/16			₿ Backfill #	<b>‡</b> 2
RW1-100	Excavate Footing #1	2	2	09/08/16	09/09/16			<b>I</b> Excavate	e Footing #1
RW1-200	Erect Stacked Stone Wall #1	2	2	09/12/16	09/13/16			Frect Sta	acked Stone Wall #1
RW1-300	Backfill #1	2	2	09/15/16	09/16/16			■ Backfill #	<b>‡</b> 1
RW8-100	Excavate Footing #8	2	2	09/12/16	09/13/16			<b>,</b> Excavate	e Footing #8
RW8-200	Erect Stacked Stone Wall #8	3	3	09/14/16	09/16/16			Frect Sta	acked Stone Wall #8
RW8-300	Backfill #8	2	2	09/19/16	09/20/16			Backfill i	#8
RW7-100	Excavate Footing #7	2	2	09/15/16	09/16/16			i Excavate	e Footing #7
RW7-200	Erect Stacked Stone Wall #7	3	3	09/19/16	09/21/16			■ Erect St	acked Stone Wall #7
RW7-300	Backfill #7	2	2	09/22/16	09/23/16			Backfill	#7
RW9-100	Excavate Footing #9	3	3	09/19/16	09/21/16			Excavat	e Footing #9
RW9-200	Erect Stacked Stone Wall #9	4	4	09/22/16	09/27/16			■ Erect St	tacked Stone Wall #9
RW9-300	Backfill #9	3	3	09/28/16	09/30/16			Backfill	#9
Interior Fi	nish Out							Data	
Level 1									
Pool Are	ea ea							1 L	
M2400	Install / Connect Pool Equipment	10	4	05/16/16A	07/28/16				nect Pool Equipment
M1803	Scaffold Usage - HAMMOCK (Cal Days)	26	13	07/12/16A	08/06/16				age - HAMMOCK (Cal [
					-	<u></u>			
	Start Date: 06/19/14 Finish Date: 12/22/16 Data Date: 07/25/16	R Eitna	gg Contor						
	Data Date: 07/25/16   Run Date: 08/05/16	IVICI	<b>I</b>	•	-		ss Center	//\ \ \ \/~	nhattan
				M	lcKinn	ey, TX		M INIGI	manan

MCC Project #3666



		_	Orig	Rem			2014 2015 2016 2017
	ID	Description	Dur	Dur	Start	Finish	
T	M2000	MCC / Arch Punch @ O/H Scaffold Area A	5	5	07/26/16A	08/02/16	MCC / Arch Punch @ O/H Scaffold
Ш	M1917	Install Lights Area B	5	5	07/27/16A	08/01/16	Install Lights Area B
Ш	M1918	Touch Up Paint Area B	2	2	08/02/16	08/03/16	■ Touch Up Paint Area B
ı	M2450	MCC / Arch Punch @ O/H Scaffold Area B	5	5	08/02/16	08/06/16	MCC / Arch Punch @ O/H Scaffold
ı	M2100	Dismantle Scaffold Over Pools	10	10	08/08/16	08/19/16	■ Dismantle Scaffold Over Pools
Ш	M2108	Paint Block Walls	9	9	08/22/16	09/01/16	Paint Bjock Walls
Ш	M2103	Pool Tile	10	10	08/22/16	09/02/16	Pool Tile
Ш	M2105	Plaster 5 Line Wall & Bulkheads	13	13	08/22/16	09/08/16	Plaster, 5 Line Wall & Bulkheads
Ш	M2250	Slide Equipment	15	15	08/22/16	09/12/16	☐ Slide Equipment
Ш	M2150	Pool Finishes (Water / Testing)	25	25	08/22/16	09/26/16	Pool Finishes (Water / Testing)
Ш	M2102	Competition Pool Tile	30	30	08/22/16	10/03/16	Competition Pool Tile
	M2106	Tile @ Lower Furdowns	3	3	09/09/16	09/13/16	Tile @ Lower Furdowns
	M2104	Install Sprinkler @AE Line Area A	3	1	09/14/16	09/14/16	Install Sprinkler @AE Line Area
Ш	M2101	Install Ductwork @AE Line Area A	4	2	09/15/16	09/16/16	I Install Ductwork @AE Line Area
ı	M2117	Install Sprinkler @AE Line Area B	1	1	09/19/16	09/19/16	) Install Sprinkler @AE Line Area
ı	M2107	Install Lights @AE Line Area A	2	2	09/19/16	09/20/16	t Install Lights @AE Line Area A
Ш	M2115	Install Ductwork @AE Line Area B	2	2	09/19/16	09/20/16	i Install Ductwork @AE Line Area
Ш	M2118	Install Lights Area B	2	2	09/21/16	09/22/16	Install Lights Area B
Ш	M2350	Diving Boards	3	3	09/21/16	09/23/16	Diving Boards
Ш	M2353	Rough Clean	5	5	09/26/16	09/30/16	Rough Clean
Ш	M2358	MCC Punch	5	5	10/03/16	10/07/16	MCC, Punch
Ш	M2359	Final Clean	10	10	10/10/16	10/21/16	■ Final Clean
ı	Entry A	rea					
ı	M2410	Tape / Bed / 1st Coat Paint Ceilings	10	3	06/30/16A	07/27/16	Tape / Bed / 1st Coat Paint Ceilings
ı	M2710	Millwork	10	10	07/27/16	08/09/16	□ Millwork
ı	M3020	Sinks and Toilets	10	10	07/27/16A	08/09/16	
	M2510	Paint 1st Coat CMU Walls	6	6	07/28/16	08/04/16	Paint 1st Coat CMU Walls
	M2740	Ceiling Grid	5	5	08/05/16	08/11/16	
	M2810	Toilet Partitions	5	5	08/10/16	08/16/16	I Toilet Partitions
	M1813	Aluminium Doors	5	5	08/15/16	08/19/16	
	M2060	Install Elevator	20	20	08/17/16	09/14/16	📮 📮 Install Elevator
	M2910	Operable Partitions	10	10	08/22/16	09/02/16	
	M3015	Install Stone Countertops	1	1	08/25/16	08/25/16	Install Stone Countertops
	M3017	Install Sinks @Countertops	1	1	08/26/16	08/26/16	Install Sinks @Countertops
	M3110	Final Paint Walls & Ceilings	10	10	09/06/16	09/19/16	☐ Final Paint Walls & Ceilings
	M2840	O/H MEP Rough In @ Grid	5	5	09/12/16	09/16/16	[ O/H MEP Rough In @ Grid
		Start Date: 06/19/14 Finish Date: 12/22/16					

Finish Date: 12/22/16 Data Date: 07/25/16 Run Date: 08/05/16 McKinney Aquatics & Fitness Center McKinney, TX MCC Project #3666



			Orig	Rem			2014 2015	2016	2017
	ID	Description	Dur	Dur	Start	Finish			
П	M2860	Overhead MEP Work Related to PR24R	1	1	09/19/16	09/19/16		Overh	ead MEP Work Related to
ı	M2820	Installation of Lockers	3	3	09/19/16	09/21/16		Install	ation of Lockers
П	M2940	Install Ceiling Tile	5	5	09/20/16	09/26/16		Instal	Ceiling Tile
ı	M3210	Rough Clean	5	5	09/27/16	10/03/16		Rouç	ıh Clean
ı	M3310	MCC Punch	5	5	10/04/16	10/10/16		I MÇC	Punch
ı	M3410	Architectural Punch	5	5	10/11/16	10/17/16		Arcl	nitectural Punch
ı	M3510	Final Clean	5	5	10/18/16	10/24/16		I Fin	al Clean
	Level 2								
Γ	Entry A	rea							
ı	M2430	O/H MEP Rough In @ Running Track	15	4	06/13/16A	07/28/16		O/H MEP	Rough In @ Running Trac
	M2130	Close Sheetrock Ceilings	5	4	07/18/16A	07/28/16			etrock Ceilings
	M1985	Wall Tile @Entry	7	7	07/25/16	08/02/16		Wall Tile	
	M2480	Floor Tile @Stair	7	7	07/26/16	08/03/16		] Floor Tile	
ı	M2230	Tape / Bed / 1st Coat Paint Ceilings	10	10	07/29/16	08/11/16		■ Tape / Bo	ed / 1st Coat Paint Ceiling
ı	M2730	Ceiling Grid	5	5	08/12/16	08/18/16		[ Ceiling (	
ı	M2830	O/H MEP Rough In @ Grid	5	5	08/19/16	08/25/16		I O/H ME	P Rough In @ Grid
ı	M2880	Carpet / Final Tile	10	10	08/26/16	09/09/16		■ Carpet	/ Final Tile
ı	M2835	Work Related to PR24R (Revised Fitness Equipment)	7	7	08/29/16	09/07/16		Work F	Related to PR24R (Revised
ı	M3030	Final Paint Walls & Ceilings	10	10	09/01/16	09/15/16		<b>I</b> Final F	aint Walls & Ceilings
ı	M1982	Stone @Feature Wall (PR#22)	4	4	09/12/16	09/15/16		i Stone	@Feature Wall (PR#22)
ı	M2930	Install Ceiling Tile	5	5	09/16/16	09/22/16		I Instal	Ceiling Tile
ı	M3080	Fitness Floor	15	15	09/16/16	10/06/16		Fitne	ss Floor
ı	M2980	MEP Trim Out	5	5	09/19/16	09/23/16		I MEP	Trim Out
ı	M3220	Rough Clean	5	7	09/26/16	10/04/16		<b>I</b> Rouç	ıh Clean
ı	M3320	MCC Punch	5	5	10/05/16	10/11/16		I MC(	Punch
ı	M3420	Architectural Punch	5	5	10/12/16	10/18/16		I Arci	nitectural Punch
ı	M3520	Final Clean	5	5	10/19/16	10/25/16		<b>I</b> Fin	al Clean
ı	Gym Ar	e <mark>a</mark>							
	M1820	O/H MEP Rough In & Fire Protection	7	15	06/03/16A	09/12/16		<u> </u>	EP Rough In & Fire Proted
	M2020	Tape / Bed / 1st Coat Paint Walls & CMU	9	9	06/27/16A	08/04/16		🗾 Tape / Βε	d / 1st Coat Paint Walls &
	M2075	Install Wood Floors	30	30	07/29/16	09/09/16		Install	Wood Floors
	M2070	Scoreboards	10	10	08/05/16	08/18/16		Scorebo	ards
	M1970	Install Big Fans	5	5	08/10/16	08/16/16		Install Bi	
	M1920	Install Lights (PR#30)	14	14	09/13/16	09/30/16		Insta	Lights (PR#30)
	M2120	Final Paint	10	10	10/03/16	10/14/16		<b>□</b> Fina	Paint
	M2125	Pads & Equipment	5	5	10/17/16	10/21/16		l Pac	s & Equipment
		01.15.1.004041							
		Start Date: 06/19/14 Finish Date: 12/22/16 Data 07/25/16 Run Date: 08/05/16	Mc	Kir	nney A	quatic	s & Fitness Center	M 1/2	

Run Date: 08/05/16

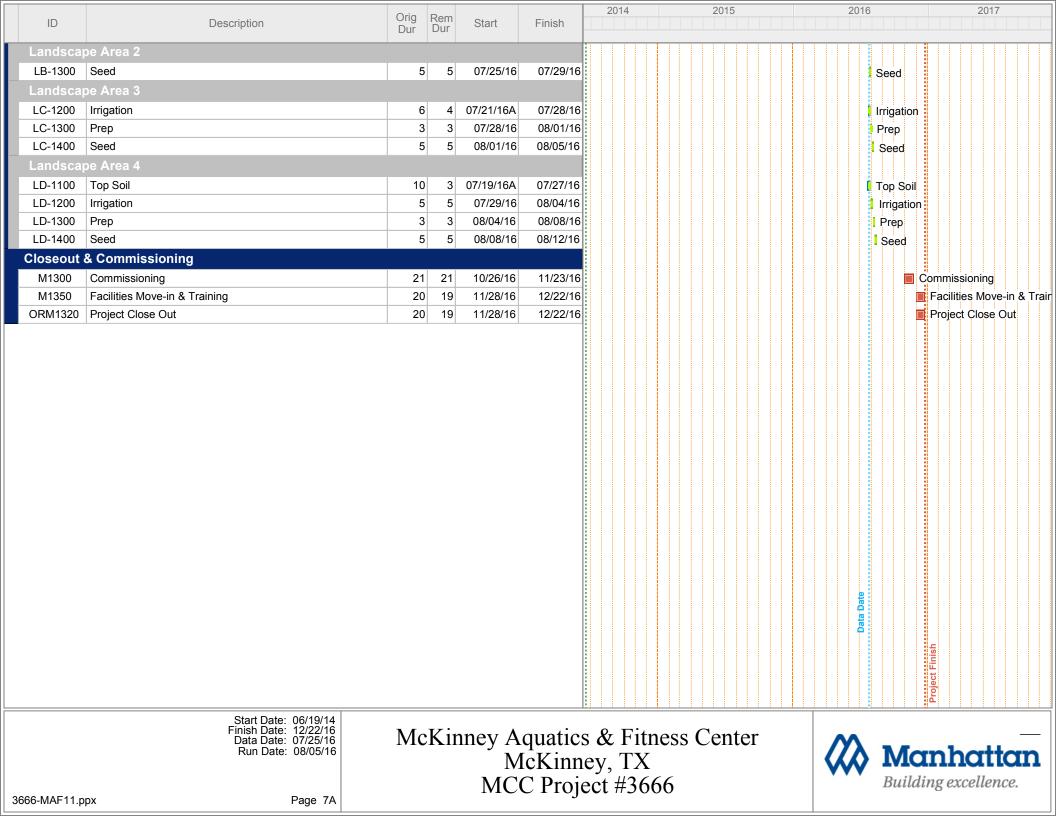
McKinney, TX MCC Project #3666



ling Tile Coat Paint Walls & Ceilings  Coat Paint Walls & Ceilings id	5 5 5 5 5 9 3 5 2 5	5 5 5 5 5 9 3 5 2 5 5	10/17/16 10/24/16 10/31/16 11/07/16 07/26/16A 08/08/16 08/11/16 08/22/16 07/28/16 08/11/16 08/15/16 08/15/16	10/21/16 10/28/16 11/04/16 11/11/16 08/05/16 08/10/16 08/19/16 08/26/16 08/10/16 08/12/16 08/17/16			Rough Clean  MCC Punch  Architectural Punch  Final Clean  Floor / Wall / Ceiling Tile  Tape / Bed / 1st Coat Paint  MEP Trim Out  Tape / Bed / 1st Coat Paint  I Marchitectural Punch  Tape / Bed / 1st Coat Paint  I Tape / Bed / 1st Coat Paint
ling Tile Coat Paint Walls & Ceilings  Coat Paint Walls & Ceilings id	5 5 5 5 9 3 5 2 5 10 2 3 2 2 5	5 5 5 9 3 5 2 5	10/24/16 10/31/16 11/07/16 07/26/16A 08/08/16 08/11/16 08/22/16 07/28/16 08/11/16 08/15/16	10/28/16 11/04/16 11/11/16 08/05/16 08/10/16 08/17/16 08/26/16 08/10/16 08/10/16 08/12/16 08/17/16			McC Punch  Architectural Punch  Final Clean  Floor / Wall / Ceiling Tile  Tape / Bed / 1st Coat Paint  MEP Trim Out  I Tape / Bed / 1st Coat Paint  I MEP Trim Out
ling Tile Coat Paint Walls & Ceilings  Coat Paint Walls & Ceilings id	5 9 3 5 2 5 10 2 3 2 2 5	5 2 5	10/31/16 11/07/16 07/26/16A 08/08/16 08/11/16 08/18/16 08/22/16 07/28/16 08/11/16 08/15/16	11/04/16 11/11/16 08/05/16 08/10/16 08/17/16 08/19/16 08/26/16 08/10/16 08/12/16 08/17/16			Architectural Punch I Final Clean I Floor / Wall / Ceiling Tile I Tape / Bed / 1st Coat Paint I MEP Trim Out I Tape / Bed / 1st Coat Paint I Tape / Bed / 1st Coat Paint I Install Ceiling Grid
Coat Paint Walls & Ceilings  Coat Paint Walls & Ceilings  id  elain Floor Tile	9 3 5 2 5 10 2 3 2 2 5	5 2 5	07/26/16A 08/08/16 08/11/16 08/18/16 08/22/16 07/28/16 08/11/16 08/15/16	08/05/16 08/10/16 08/17/16 08/19/16 08/26/16 08/10/16 08/12/16 08/17/16			I Final Clean  I Floor / Wall / Ceiling Tile  I Tape / Bed / 1st Coat Paint I Millwork  I Final Paint I MEP Trim Out  I Tape / Bed / 1st Coat Paint I Install Ceiling Grid
Coat Paint Walls & Ceilings  Coat Paint Walls & Ceilings  id  elain Floor Tile	5 2 5 10 2 3 2 2 5	5 2 5	08/08/16 08/11/16 08/18/16 08/22/16 07/28/16 08/11/16 08/15/16	08/10/16 08/17/16 08/19/16 08/26/16 08/10/16 08/12/16 08/17/16			Floor / Wall / Ceiling Tile Floor / Bed / 1st Coat Paint Millwork Final Paint MEP Trim Out Tape / Bed / 1st Coat Paint I Install Ceiling Grid
Coat Paint Walls & Ceilings  Coat Paint Walls & Ceilings  id  elain Floor Tile	5 2 5 10 2 3 2 2 5	5 2 5	08/08/16 08/11/16 08/18/16 08/22/16 07/28/16 08/11/16 08/15/16	08/10/16 08/17/16 08/19/16 08/26/16 08/10/16 08/12/16 08/17/16			i Tape / Bed / 1st Coat Paint i Millwork i Final Paint i MEP Trim Out i Tape / Bed / 1st Coat Paint i Install Ceiling Grid
Coat Paint Walls & Ceilings  Coat Paint Walls & Ceilings  id  elain Floor Tile	5 2 5 10 2 3 2 2 5	5 2 5	08/11/16 08/18/16 08/22/16 07/28/16 08/11/16 08/15/16	08/17/16 08/19/16 08/26/16 08/10/16 08/12/16 08/17/16			I Millwork  I Final Paint I MEP Trim Out I Tape / Bed / 1st Coat Paint I Install Ceiling Grid
Coat Paint Walls & Ceilings id elain Floor Tile	2 5 10 2 3 2 2 2 5	2	08/18/16 08/22/16 07/28/16 08/11/16 08/15/16	08/19/16 08/26/16 08/10/16 08/12/16 08/17/16			Final Paint  MEP Trim Out  Tape / Bed / 1st Coat Paint  Install Ceiling Grid
elain Floor Tile	10 2 3 2 2 2 5	2	08/22/16 07/28/16 08/11/16 08/15/16	08/26/16 08/10/16 08/12/16 08/17/16			Final Paint  MEP Trim Out  Tape / Bed / 1st Coat Paint  Install Ceiling Grid
elain Floor Tile	10 2 3 2 2 2 5	2	07/28/16 08/11/16 08/15/16	08/10/16 08/12/16 08/17/16			□ Tape / Bed / 1st Coat Paint □ Install Ceiling Grid
elain Floor Tile	2 3 2 2 5	2	08/11/16 08/15/16	08/12/16 08/17/16			Install Ceiling Grid
elain Floor Tile	2 3 2 2 5	2	08/11/16 08/15/16	08/12/16 08/17/16			Install Ceiling Grid
elain Floor Tile	3 2 2 5	_	08/15/16	08/17/16			
elain Floor Tile	2 2 5	3 2 2		:			
	5	2	08/16/16	00/47/40			■ MEP Trim Out
	5	2		08/17/16			Install VCT
			08/18/16	08/19/16			<b>↓</b> Millwork
3	15	5	08/18/16	08/24/16			Ceramic & Porcelain Floor
, ,	15	15	08/18/16	09/08/16			■ Wood Floors
	2	2	09/09/16	09/12/16			I Install Ceiling Tile
	2	2	09/13/16	09/14/16			<b>I</b> Final Paint
Corridor	6	6	09/15/16	09/22/16			I Porcelain Tile @ Corrido
Rail	25	25	08/22/16	09/26/16			SS Track Hand Rail
	7	7	09/27/16	10/05/16			Track Flooring
PR24R (Revised Fitness Equipment)	9	9	09/27/16	10/07/16			Work releated to PR24
	4	4	10/06/16	10/11/16			Carpet
	10	10	10/10/16	10/21/16			☐ Fitness Flooring
	5	5	10/12/16	10/18/16			I Rough Clean
	5	5	10/19/16	10/25/16			MCC Punch
nch	5	5	10/26/16	11/01/16			Architectural Punch
	5	5	11/02/16	11/08/16			Final Clean
ape							Isiui
							ect F
	5	3	07/25/16	07/27/16			Seed 4
1	PR24R (Revised Fitness Equipment)	PR24R (Revised Fitness Equipment) 9  4  10  5  ch 5  start Date: 06/19/14	PR24R (Revised Fitness Equipment) 9 9 9 4 4 4 4 10 10 10 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	PR24R (Revised Fitness Equipment)  PR24R (Revised Fitness Equipment)  9 9 09/27/16  4 4 10/06/16  10 10 10/10/16  5 5 10/12/16  5 5 10/19/16  6 5 5 11/02/16  7 7 09/27/16  8 10/06/16  10 10 10/10/16  10 10/10/16  10	7 7 09/27/16 10/05/16 PR24R (Revised Fitness Equipment) 9 9 09/27/16 10/07/16 4 4 10/06/16 10/11/16 10 10 10/10/16 10/21/16 5 5 10/12/16 10/18/16 5 5 10/19/16 10/25/16 ich 5 5 10/26/16 11/01/16 sape  Start Date: 06/19/14	7 7 09/27/16 10/05/16  PR24R (Revised Fitness Equipment) 9 9 09/27/16 10/07/16  4 4 10/06/16 10/11/16  10 10 10/10/16 10/21/16  5 5 10/12/16 10/18/16  5 5 10/26/16 11/01/16  10 5 5 11/02/16 11/01/16  10 5 5 10/26/16 11/01/16  10 5 5 11/02/16 11/08/16  10 5 5 11/02/16 11/08/16  10 5 5 11/02/16 11/08/16	7 7 09/27/16 10/05/16 PR24R (Revised Fitness Equipment) 9 9 09/27/16 10/07/16 4 4 10/06/16 10/11/16 10 10 10/10/16 10/21/16 5 5 10/12/16 10/18/16 5 5 10/26/16 11/01/16 ich 5 5 10/26/16 11/01/16 5 5 11/02/16 11/08/16

Start Date: 06/19/14 Finish Date: 12/22/16 Data Date: 07/25/16 Run Date: 08/05/16 McKinney Aquatics & Fitness Center McKinney, TX MCC Project #3666







# **BUDGET & CASH FLOW**



## SINE CURVE PROJECTION

 Analysis Date:
 08/18/16

 Duration (Months):
 18

 Total Amount (\$):
 \$31,658,109

Sine Curve Option: 3

= Calculated cell (no input required)

#### **BILLING SINE CURVE OPTIONS**

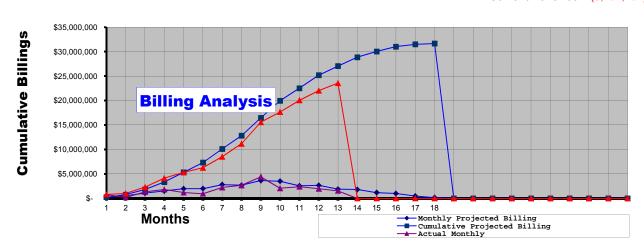
Curve 1 = Project with a Fast Start

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

		SINE PROJE	EC	TIONS		DELTA		
Month Number	E	stimated Current Application	(	Cumulative Application	Date of Payments	Actual Application	Cumulative Application	Variance
0	\$	-	\$	-		\$ 18,000	\$ 18,000	\$18,000
1	\$	227,938	\$	227,938	08/28/15	\$ 779,309	\$ 797,309	\$569,371
2	\$	538,188	\$	766,126	10/13/15	\$ 191,191	\$ 988,500	\$222,374
3	\$	1,063,712	\$	1,829,839	10/30/15	\$ 1,321,243	\$ 2,309,743	\$479,904
4	\$	1,519,589	\$	3,349,428	11/13/15	\$ 1,816,694	\$ 4,126,437	\$777,009
5	\$	1,975,466	\$	5,324,894	12/18/15	\$ 1,189,211	\$ 5,315,648	(\$9,246)
6	\$	1,994,461	\$	7,319,355	01/15/16	\$ 950,923	\$ 6,266,571	(\$1,052,784)
7	\$	2,811,240	\$	10,130,595	02/19/16	\$ 2,244,161	\$ 8,510,732	(\$1,619,863)
8	\$	2,690,939	\$	12,821,534	03/25/16	\$ 2,655,666	\$ 11,166,398	(\$1,655,136)
9	\$	3,634,351	\$	16,455,885	04/25/16	\$ 4,411,304	\$ 15,577,702	(\$878,183)
10	\$	3,495,055	\$	19,950,940	05/20/16	\$ 2,084,359	\$ 17,662,061	(\$2,288,880)
11	\$	2,564,307	\$	22,515,247	06/17/16	\$ 2,381,731	\$ 20,043,792	(\$2,471,455)
12	\$	2,659,281	\$	25,174,528	07/15/16	\$ 1,972,979	\$ 22,016,771	(\$3,157,758)
13	\$	1,867,828	\$	27,042,357		\$ 1,537,854	\$ 23,554,625	(\$3,487,732)
14	\$	1,823,507	\$	28,865,864				
15	\$	1,171,350	\$	30,037,214				
16	\$	987,733	\$	31,024,947				
17	\$	474,872	\$	31,499,818				
18	\$	158,291	\$	31,658,109				

Current Variance (3,487,732)



4:48 PM 1 8/18/2016



# WEATHER



## Weather History

Summary Log, Grouped by Date

**McKinney Aquatics and Fitness Center** 

3003 Alma Road Tel: Fax:

**Manhattan Construction Company** 

Project # 3666

McKinney, TX 75070							<u> </u>
Date Lo	.ow	<u>Temperature</u> Median	High	Precip	Cumulative Precipitation	Lost Workday	Conditions
7/1/2016	70		95	0.00	63.54		Clear, Fog
7/2/2016 7	76		95	0.00	63.54		Clear, Windy(25 mph)
7/3/2016 7	77		96	0.00	63.54		Clear, Windy(31 mph)
7/4/2016 7	73		90	0.41	63.95		Clear, Thunder, Haze, Windy(29 mph)
7/5/2016 7	76		93	0.00	63.95		Clear, Haze, Windy(41 mph)
7/6/2016 7	77		96	0.00	63.95		Clear, Windy(33 mph)
7/7/2016 7	78		96	0.00	63.95		Clear, Windy(34 mph)
7/8/2016 7	75		95	0.00	63.95		Clear, Windy(29 mph)
7/9/2016 7	71		91	0.59	64.54		Clear, Fog, Thunder, Windy(39 mph)
7/10/2016	69		93	0.00	64.54		Clear
7/11/2016 7	75		95	0.00	64.54		Clear, Windy(39 mph)
7/12/2016 7	76		94	0.00	64.54		Clear, Windy(35 mph)
7/13/2016 7	77		97	0.00	64.54		Clear, Windy(31 mph)
7/14/2016 7	75		95	0.00	64.54		Clear, Windy(32 mph)
7/15/2016	68		88	0.51	65.05	Υ	Fog, Thunder, Windy(49 mph)
7/16/2016 7	73		95	0.00	65.05		Clear, Windy(21 mph)
7/17/2016 7	75		94	0.00	65.05		Clear, Windy(23 mph)
7/18/2016 7	75		94	0.00	65.05		Clear, Windy(21 mph)
	75		95	0.00	65.05		Clear, Windy(21 mph)
7/20/2016 7	76		96	0.00	65.05		Clear, Windy(21 mph)
7/21/2016 7	75		97	0.00	65.05		Clear, Windy(23 mph)
7/22/2016 7	75		99	0.00	65.05		Clear
7/23/2016 7	76		99	0.00	65.05		Clear, Windy(20 mph)
7/24/2016 7	77		98	0.00	65.05		Clear, Windy(27 mph)
	75		99	0.00	65.05		Clear, Thunder, Windy(27 mph)
7/26/2016 7	74		96	0.59	65.64	Υ	Clear, Fog, Thunder, Windy(40 mph)
	76		91	0.04	65.68		Clear, Thunder, Windy(29 mph)
	75		95	0.00	65.68		Clear, Thunder, Windy(24 mph)
	73		95	0.00	65.68		Clear
	74		97	0.00	65.68		Clear, Windy(23 mph)
	76		98	0.00	65.68		Clear, Windy(27 mph)
	78		101	0.00	65.68		Clear, Windy(23 mph)
	73		98	0.00	65.68		Haze, Clear
	75		98	0.00	65.68		Clear
	76		99	0.00	65.68		Clear, Windy(20 mph)
	76		99	0.00	65.68		Clear
	76		100	0.00	65.68		Clear
	77		100	0.00	65.68		Clear, Windy(20 mph)
							•• • •
							, , , , ,
8/8/2016 7 8/9/2016 7 8/10/2016 7	78 78 79 78		99 99 101 101	0.00 0.00 0.00 0.00	65.68 65.68 65.68		Clear, Windy(29 mph)  Clear  Clear, Windy(23 mph)  Clear, Windy(20 mph)

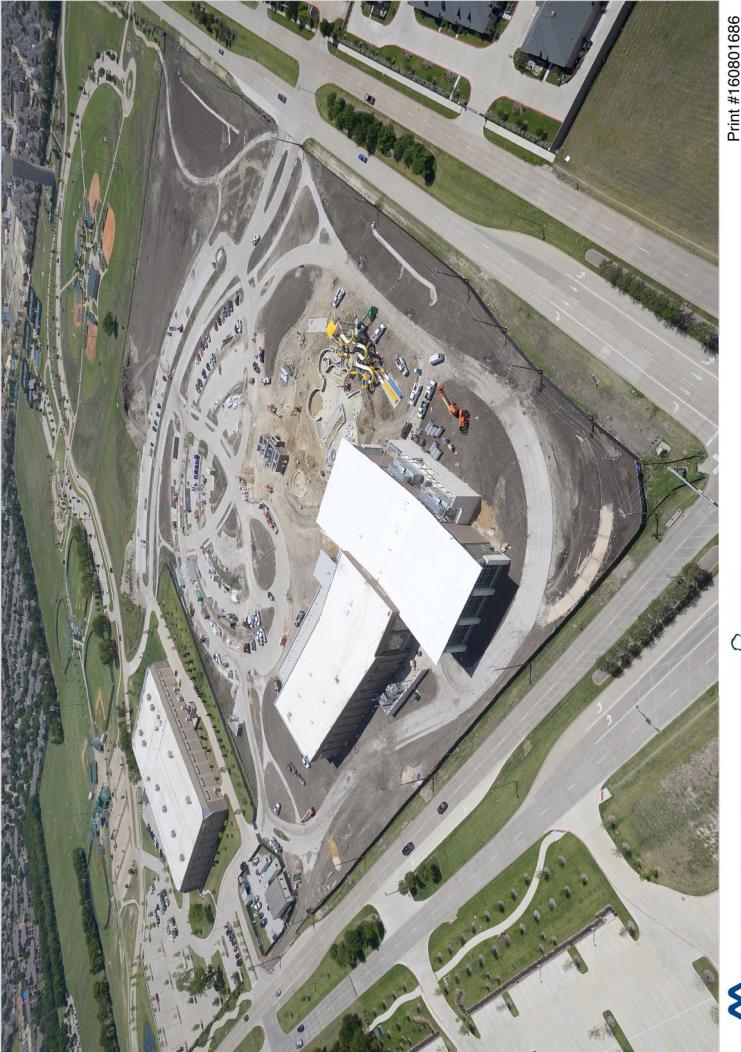
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Prolog ConvergePrinted on: 8/12/2016MCCPage 2



# **PHOTOGRAPHS**



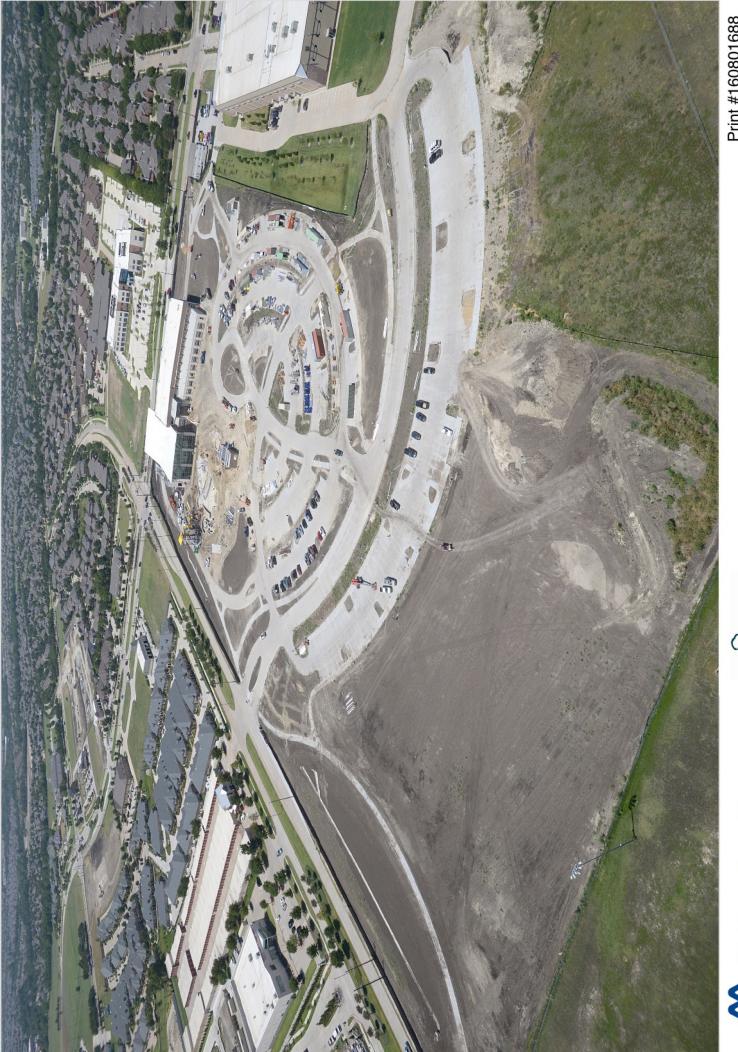






Print #160801686 Date: 08/01/16 Lat/Lon: 33.172764 -96.714439

Order No. 59827 Aerial Photography, Inc. 954-568-0484





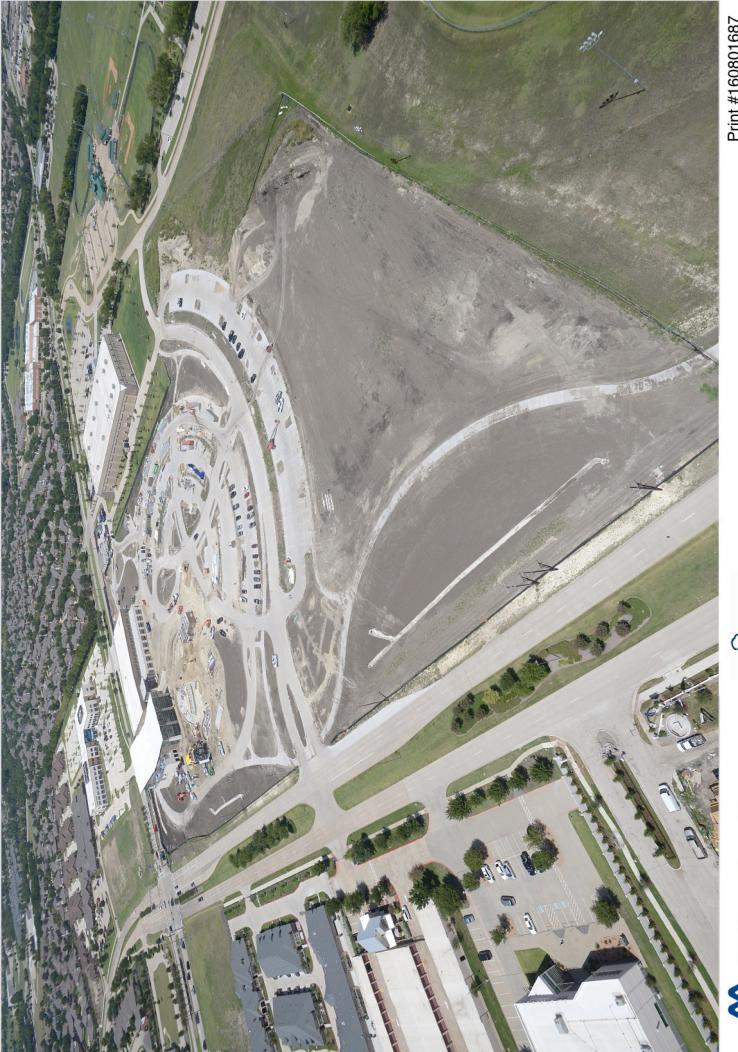




Aquatic & Fitness Center

Print #160801688 Date: 08/01/16 Lat/Lon: 33.172764 -96.714439

Order No. 59827
Aerial Photography, Inc. 954-568-0484









Aquatic & Fitness Center

Print #160801687 Date: 08/01/16 Lat/Lon: 33.172764 -96.714439

Order No. 59827 Aerial Photography, Inc. 954-568-0484