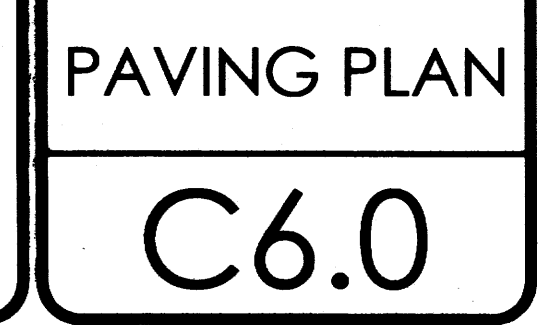
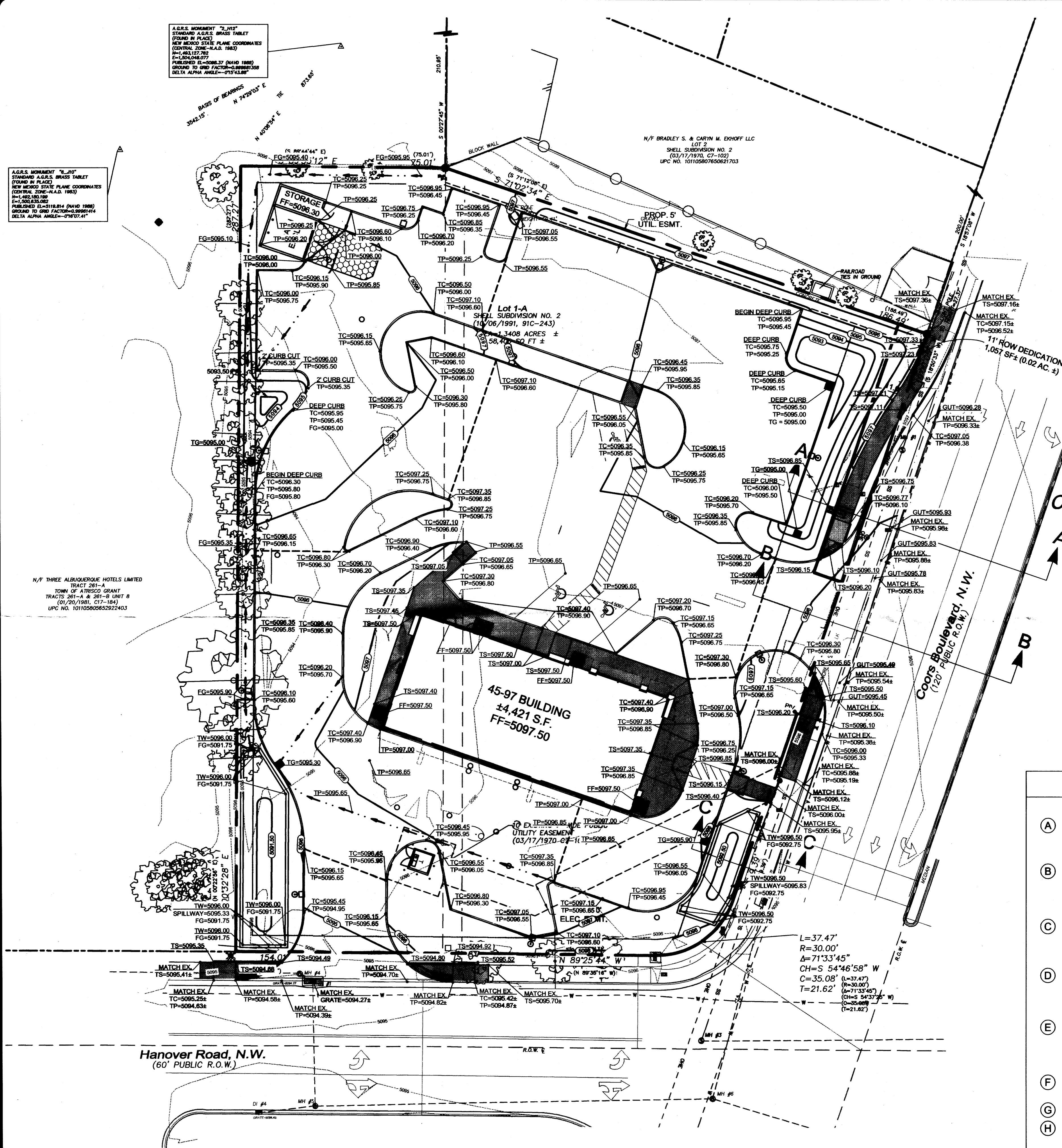
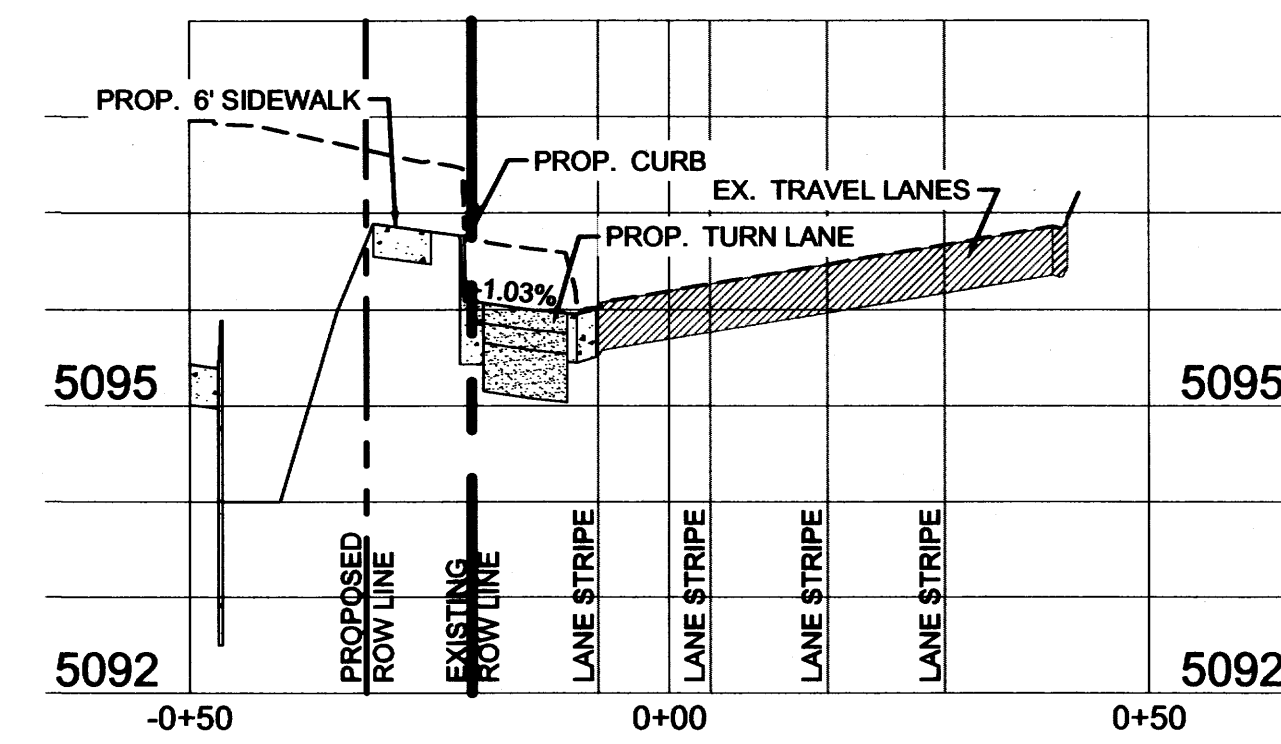




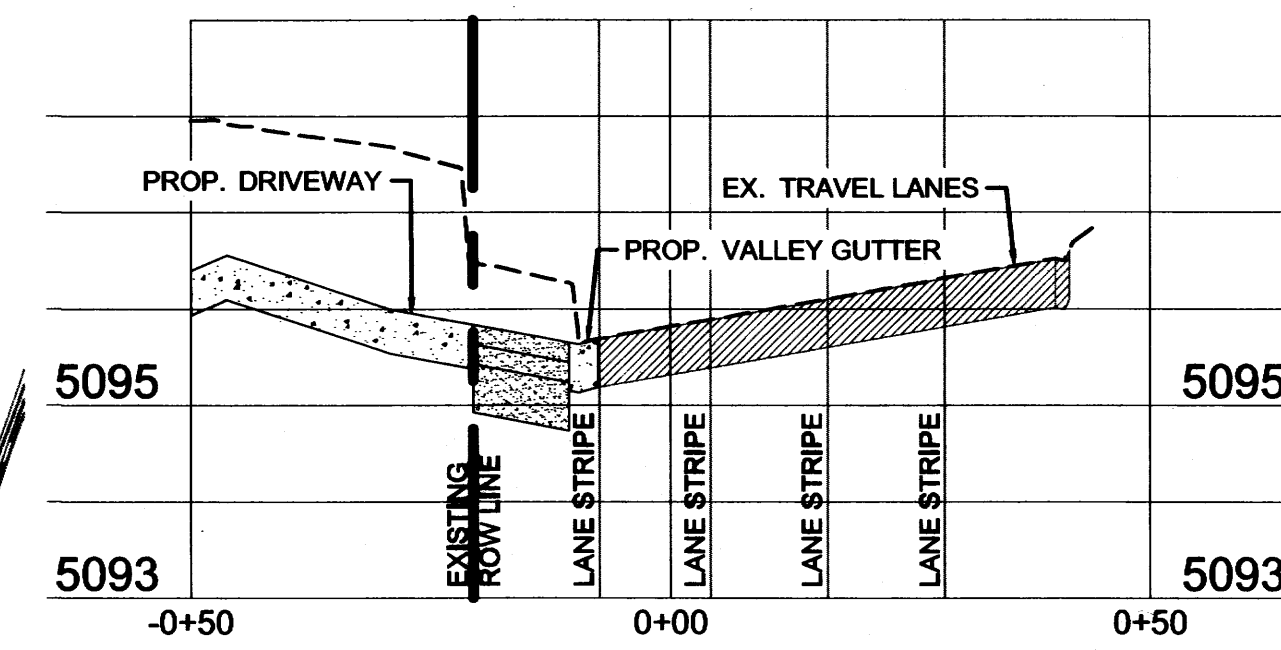
Know what's below.
Call before you dig.



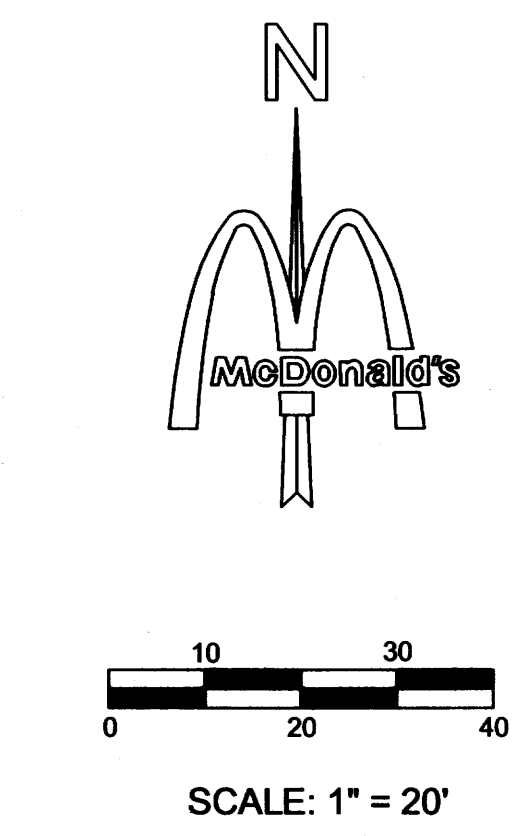
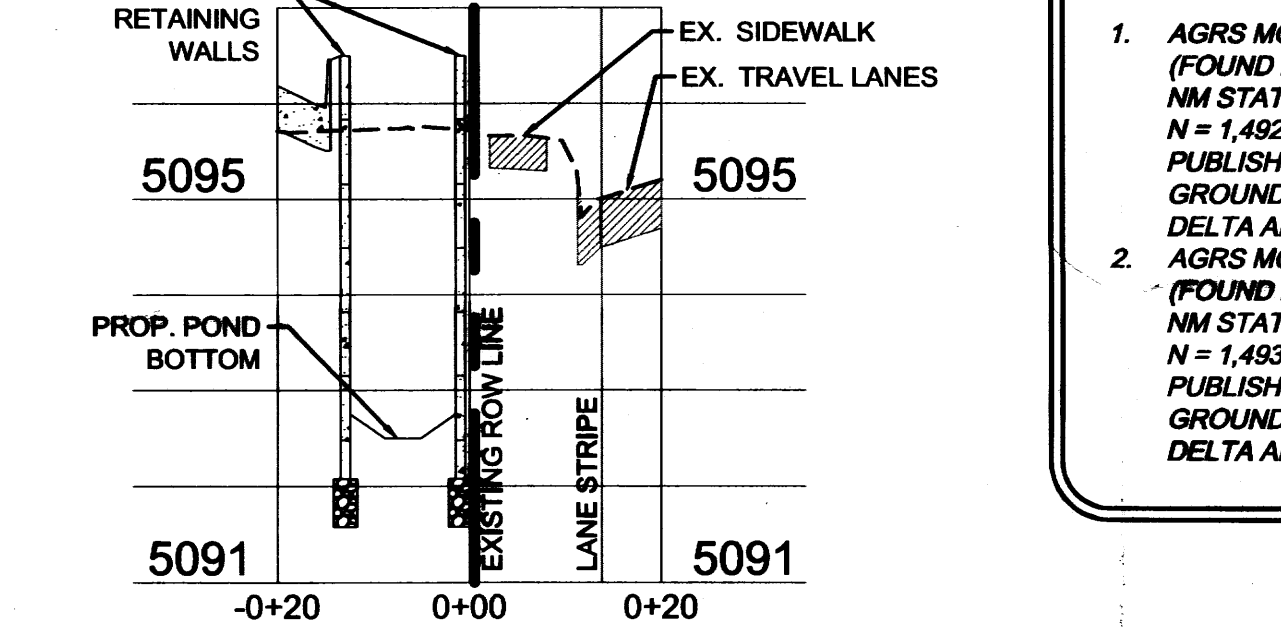
A-A STA -0+50.00 TO STA 0+50.00



B-B STA -0+50.00 TO STA 0+50.00



C-C STA -0+20.00 TO STA 0+20.00



THESE PLANS ARE SUBJECT TO REVIEW & APPROVAL BY JURISDICTIONAL ENTITIES.

OWNER INFORMATION
MCDONALD'S USA, LLC
MOUNTAIN SOUTHWEST
FIELD EXECUTION TEAM
511 E. CARPENTER FRWY, STE. 375
IRVING, TEXAS 75062
(972) 869-5346
CONTACT: LEE MORRIS

BENCHMARK
1. AGRS MONUMENT "2_H12" STANDARD AGRS BRASS TABLET (FOUND IN PLACE)
NM STATE PLANE COORDINATES (CENTRAL ZONE - NAD 1983)
N = 1,492,180.199 E = 1,500,635.082
PUBLISHED EL = 5119.814 (NAVD 1988)
GROUND TO GRID FACTOR = 0.99961414
DELTA ALPHA ANGLE = -0°18'07.41"
2. AGRS MONUMENT "6_J10" STANDARD AGRS BRASS TABLET (FOUND IN PLACE)
NM STATE PLANE COORDINATES (CENTRAL ZONE - NAD 1983)
N = 1,493,127.762 E = 1,504,048.077
PUBLISHED EL = 5098.37 (NAVD 1988)
GROUND TO GRID FACTOR = 0.99961358
DELTA ALPHA ANGLE = -0°15'43.88"

- STANDARD ACCESSIBILITY REQUIREMENTS**
- PARKING:**
- (A) ACCESSIBLE PARKING SPACES SHALL BE AS NOTED TO A MIN. 96" WIDE OR A MIN. 132" WIDE FOR VAN DESIGNATED SPACES WITH A MAXIMUM SLOPE OF 2% (IN ALL DIRECTIONS). ALL BUILDINGS SHALL HAVE AT LEAST ONE VAN ACCESSIBLE SPACE.
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 - (C) ALL ACCESS AISLES SERVING ACCESSIBLE PARKING SPACES SHALL BE AS NOTED TO A 60" WIDE MINIMUM.
- RAMPS:**
- (D) RAMPS EXCEEDING 6" IN RISE (EXCLUDING CURB RAMPS) SHALL HAVE APPROPRIATE EDGE PROTECTION. RAMP FINISH MATERIAL (INCLUDING CONCRETE) SHALL HAVE A LIGHT AND REFLECTIVE VALUE AND MUST CONTRAST SIGNIFICANTLY TO DISTINGUISH IT FROM ADJACENT SURFACES - (OR PAINT STRIPE).
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Know what's below.
Call before you dig.

LEGEND

TC = PROPOSED TOP OF CURB
TP = PROPOSED TOP OF PAVEMENT
FG = PROPOSED FINISHED GRADE
FF = PROPOSED FINISHED FLOOR
TW = PROPOSED TOP OF WALL
TS = PROPOSED TOP OF SIDEWALK

--- SWALE
--- GRADE BREAK
--- RIDGE LINE
--- XXX --- EXISTING CONTOUR
--- XXX --- PROPOSED CONTOUR
[Hatched Box] LEVEL LANDING @ 2% MAX SLOPE IN ANY DIRECTION

BY: HJM
HJM
HJM
HJM

DESCRIPTION: ISSUE FOR PERMIT
PER CITY AND NMOT COMMENTS

REV: 01/16/2017
02/28/2017
01/16/2017

DATE: 01/16/2017

ADAMS JOB NO.: 2012.289

Adams

8931 Cypress Valley Blvd, Suite 150 • Dallas, Texas 75249 • (817) 338-3300

NEW MEXICO
15142
G. Robert Adams
2.28.17

MTN. SOUTHWEST FIELD EXECUTION TEAM
OFFICE: KROC DRIVE - OAK BROOK, ILLINOIS 60521
ADDRESS: 1501 COORS BLVD NW ALBUQUERQUE, NM

M. McDonald's USA, LLC

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PLAN APPROVALS: SIGNATURE (2 REQUIRED)
DATE
REGIONAL MGR.
CONST. MGR.
OPERATIONS DEPT.
REAL ESTATE DEPT.

CO-SIGN SIGNATURES
CONTRACTOR
OWNER

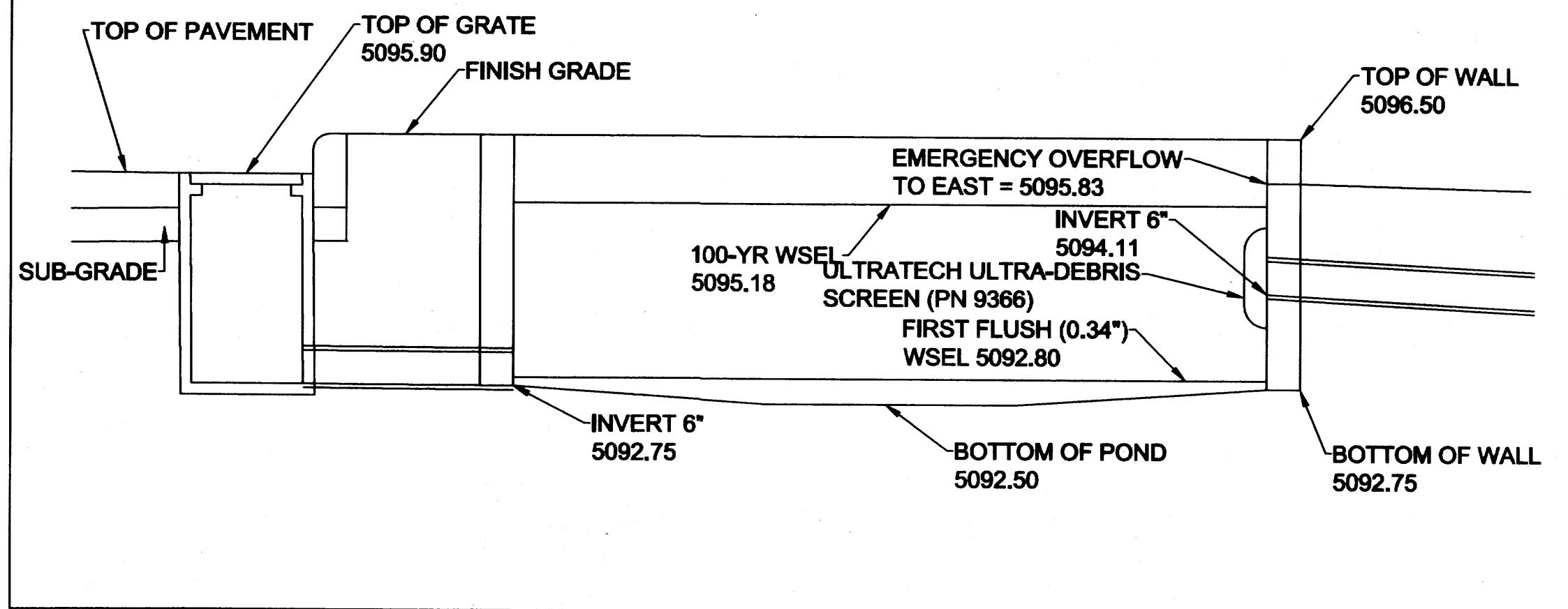
DATE: JAN 2017
BY: HJM

DESIGNED: JAN 2017
DRAWN: JAN 2017
CHECKED: 01/16/17
AS-BUILT: DWL

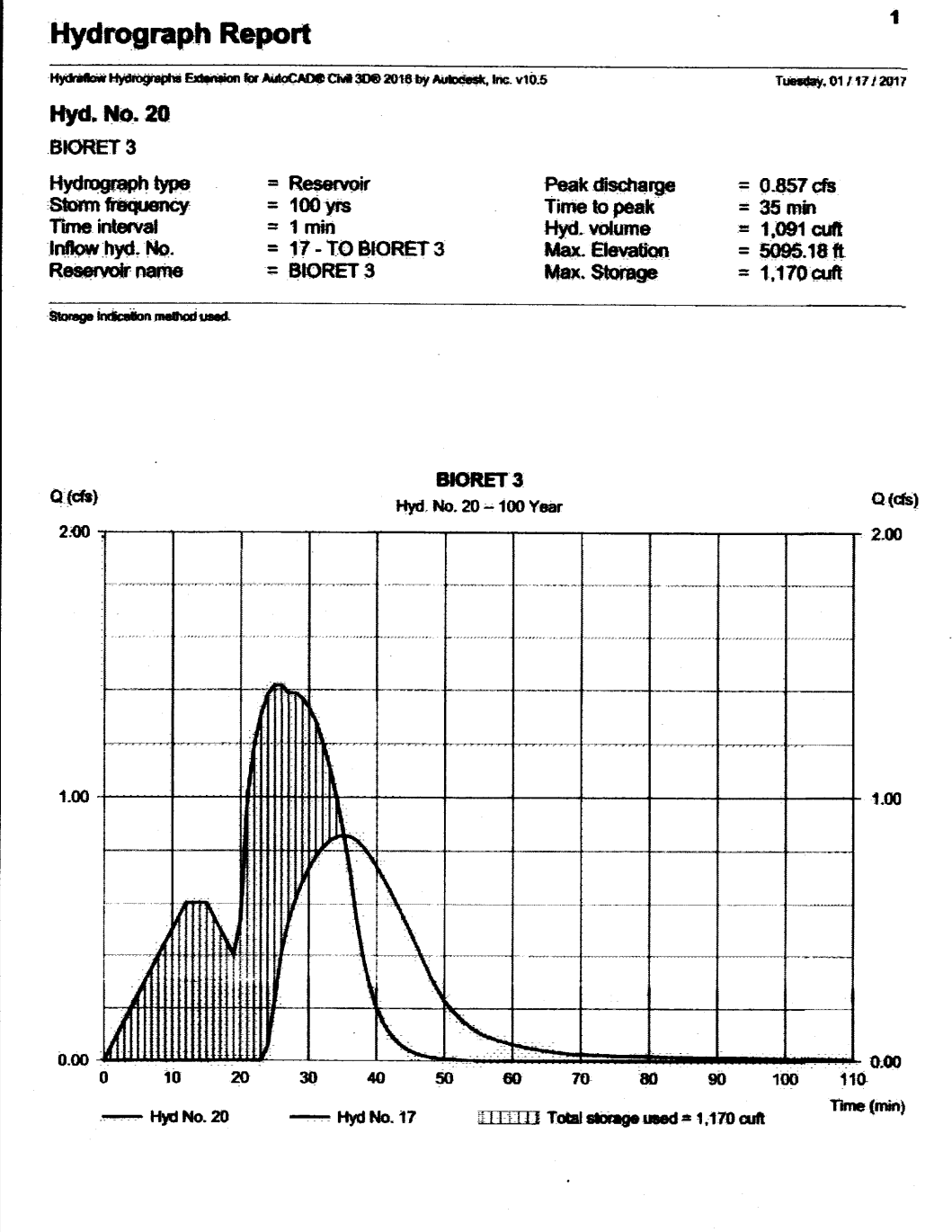
GRADING PLAN

C7.0

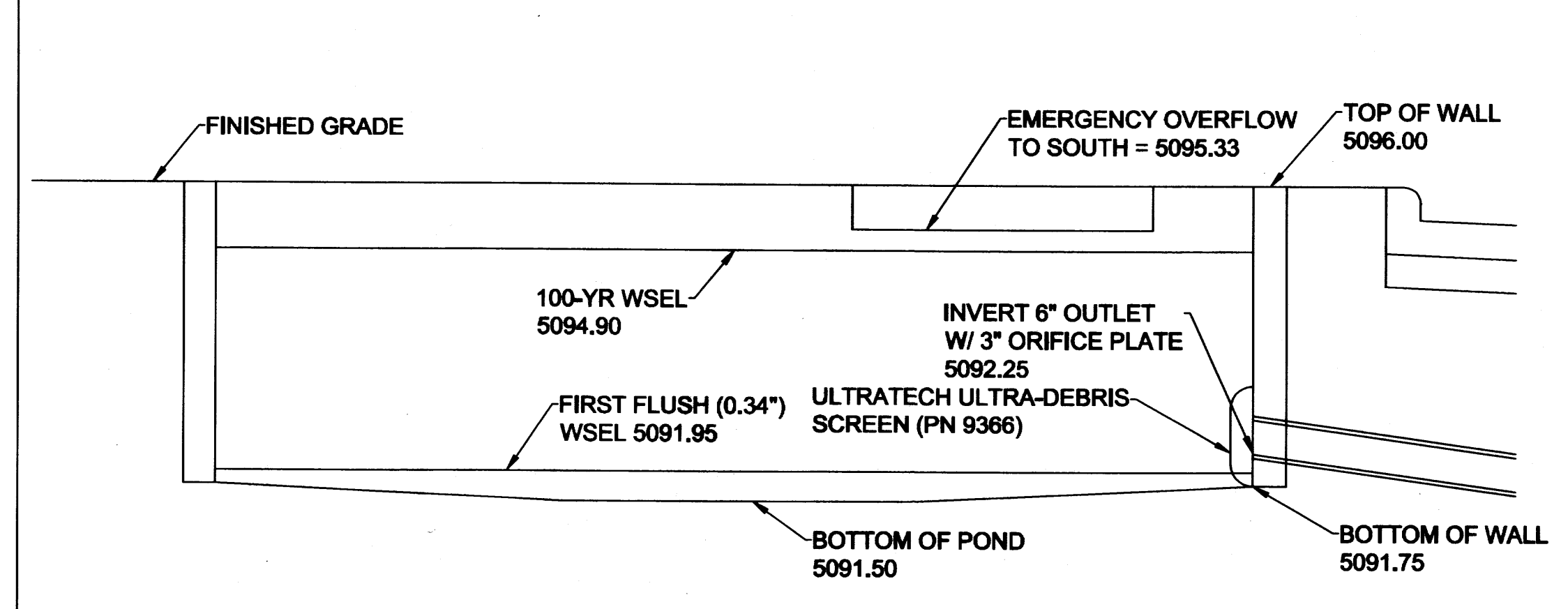
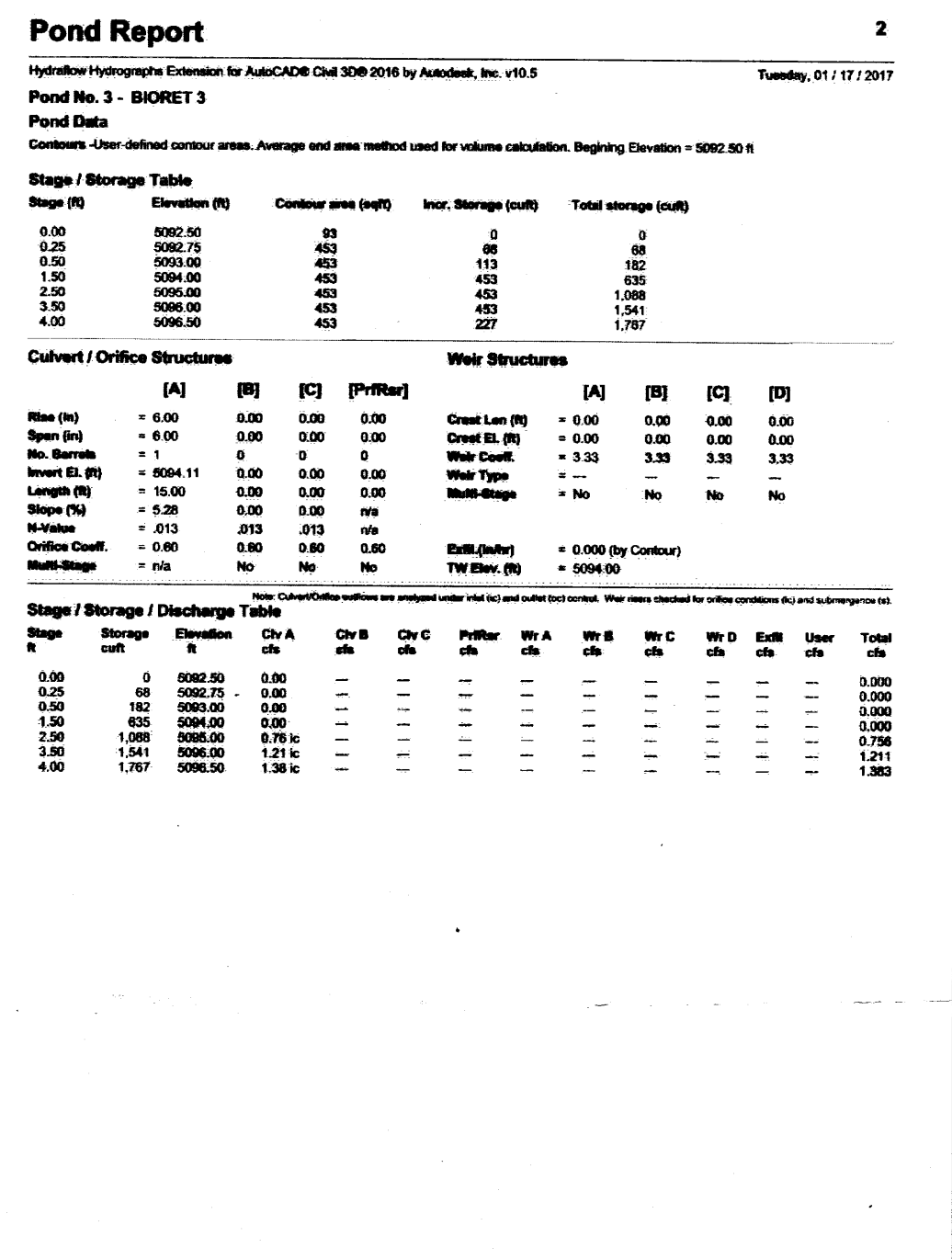
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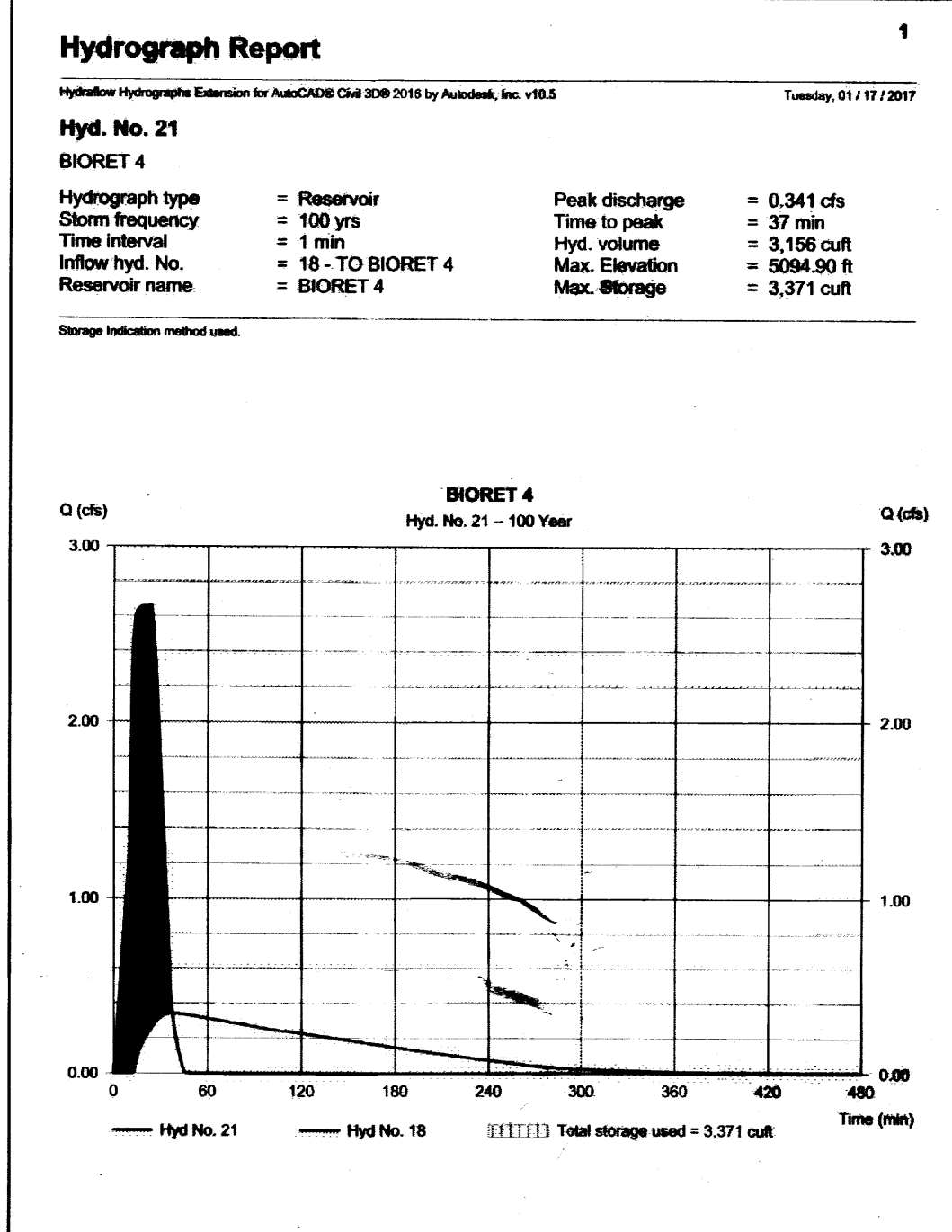
BIO-RETENTION POND 3 PROFILE



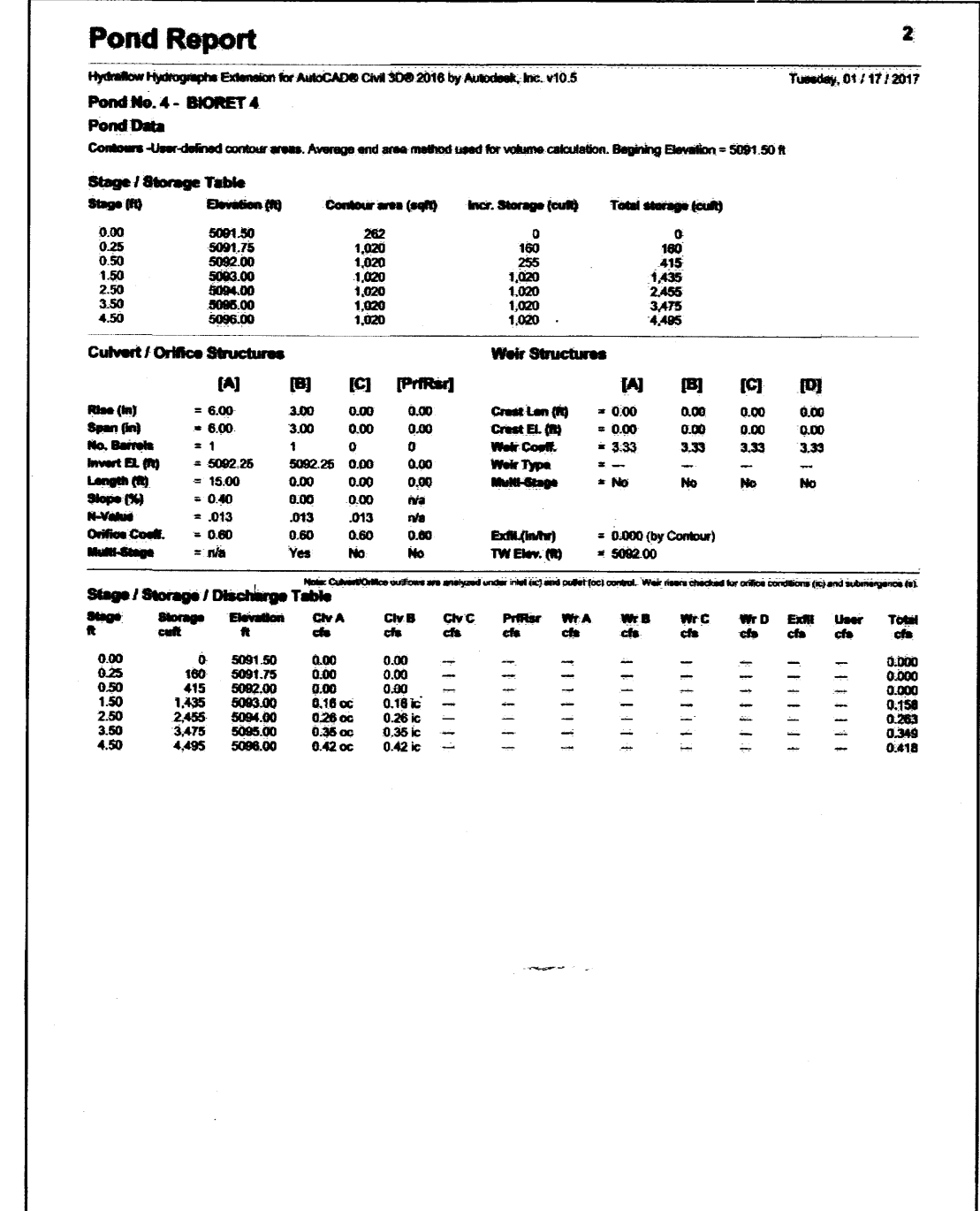
BIO-RETENTION POND 3
HYDROGRAPH AND STAGE-STORAGE



BIO-RETENTION POND 4 PROFILE



BIO-RETENTION POND 4
HYDROGRAPH AND STAGE-STORAGE



THESE PLANS ARE SUBJECT TO REVIEW & APPROVAL BY JURISDICTIONAL ENTITIES.

OWNER INFORMATION
MCDONALD'S USA, LLC
MOUNTAIN SOUTHWEST
FIELD EXECUTION TEAM
511 E. CARPENTER FRY, STE. 375
IRVING, TEXAS 75062
(972) 869-5346
CONTACT: LEE MORRIS

REV	DATE	DESCRIPTION
1	01/18/2017	ISSUE FOR PERMIT
2	02/28/2017	PER CITY AND NMDOT COMMENTS

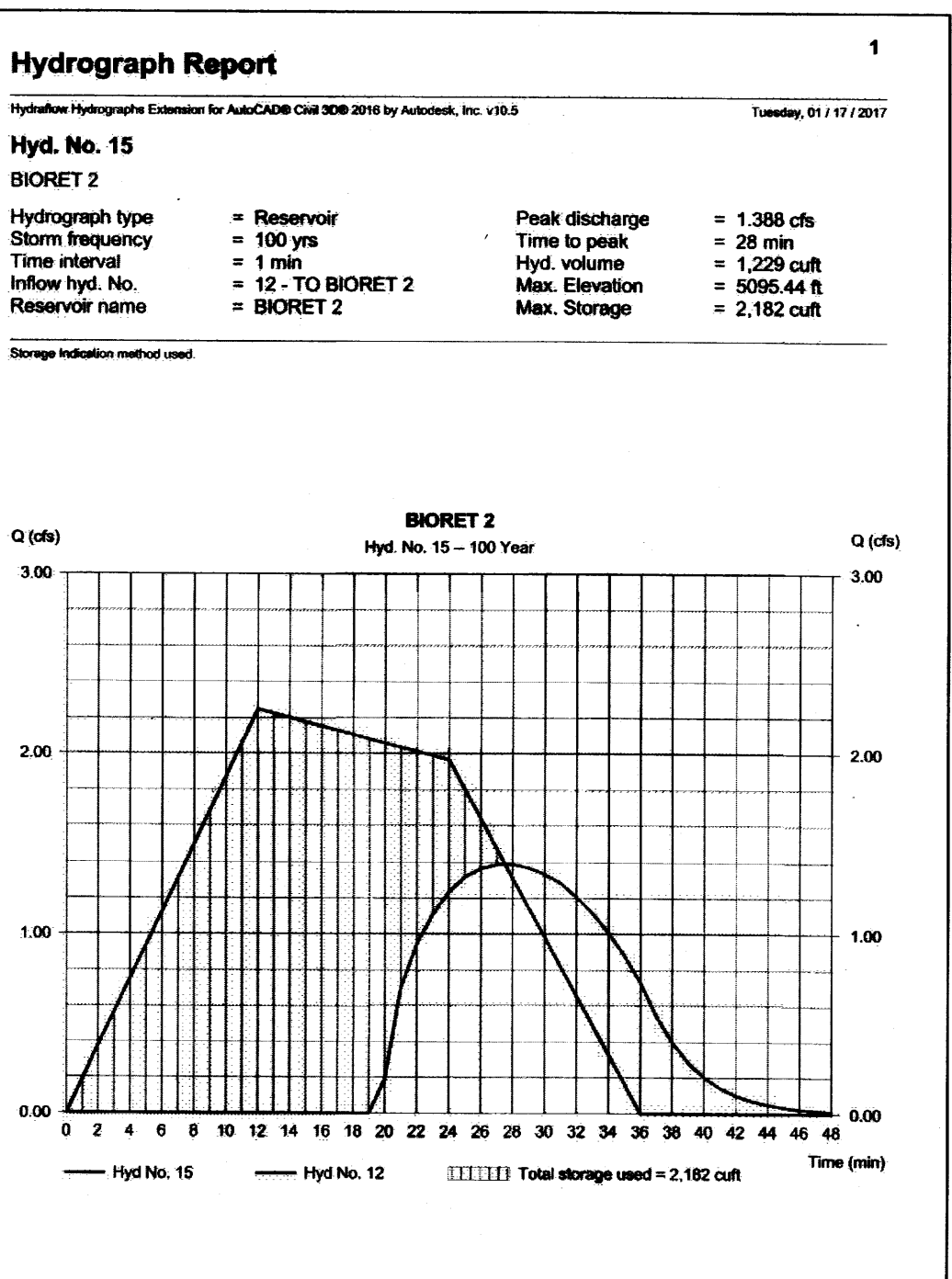
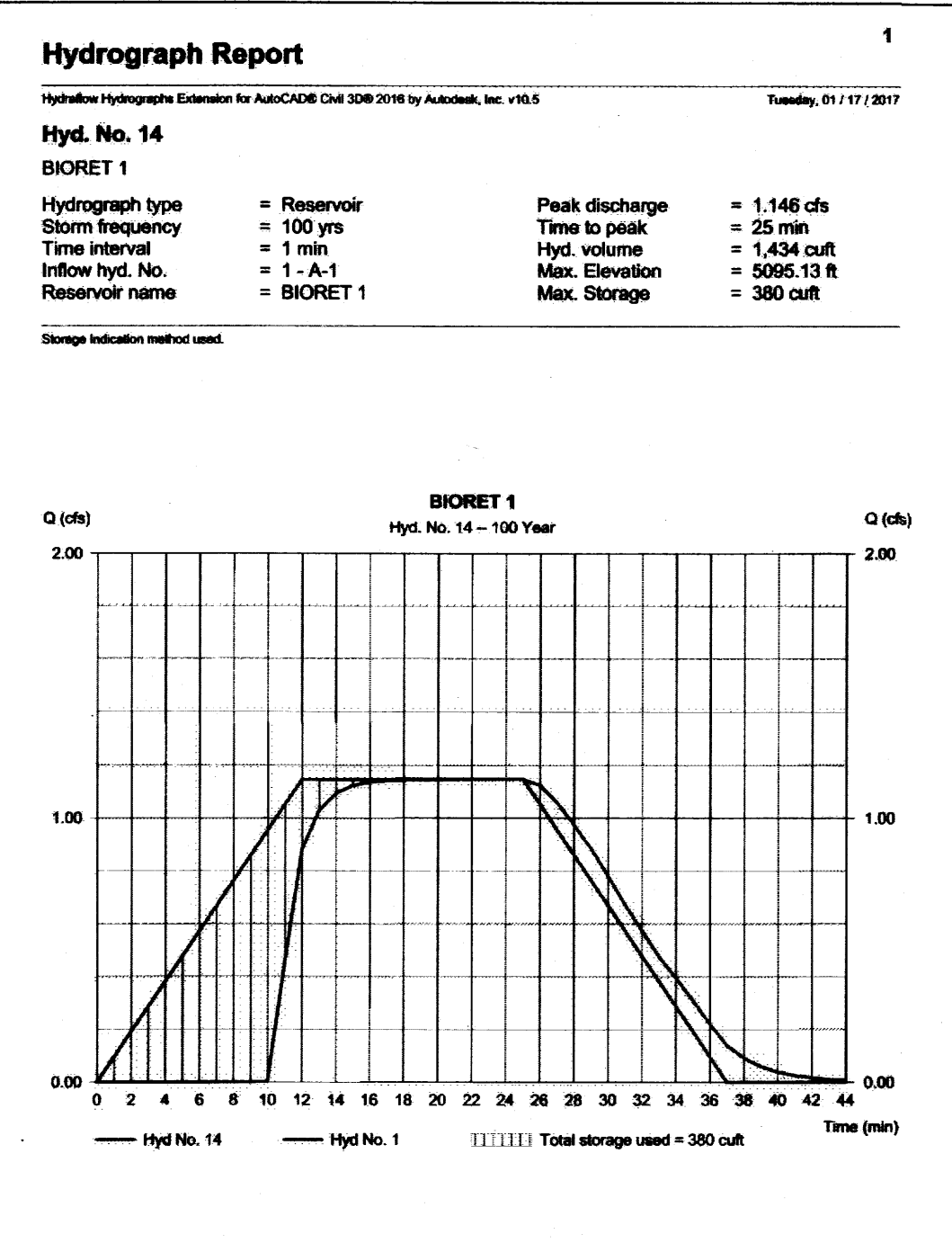
ADAMS JOB NO.: 2012.299

Adams
8941 Cypress Waters Blvd, Suite 150 • Dallas, Texas 75049 • (817) 328-3300

ROBERT ADAMS
15142
REGISTERED PROFESSIONAL ENGINEER
2.28.17
G. Rohlf

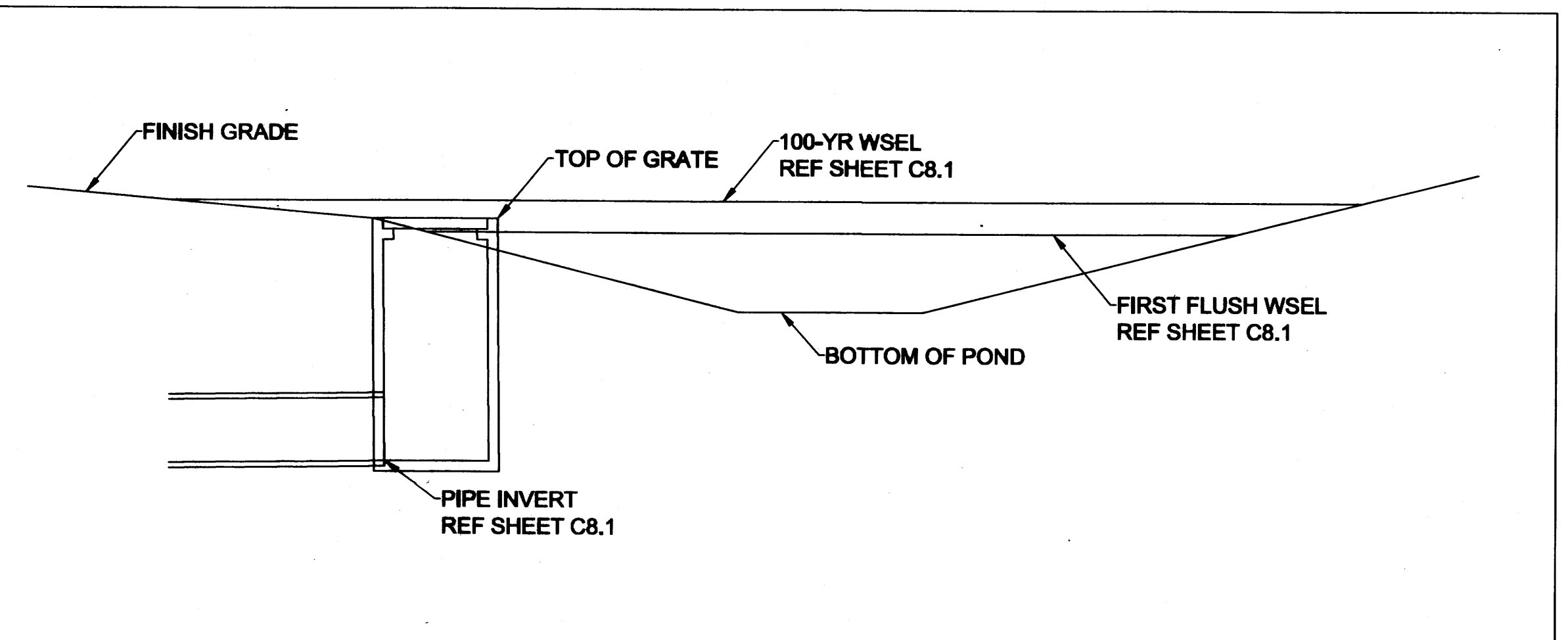
McDonald's USA, LLC
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1501 COORS BLVD NW
ALBUQUERQUE, NM



BIO-RETENTION PONDS 1 AND 2 HYDROGRAPHS

NOTE: THE PRIMARY PURPOSE OF PONDS 1 AND 2 ARE TO PROVIDE FIRST FLUSH RETENTION AND ADDITIONAL INFILTRATION AREA. PONDS HAVE BEEN EVALUATED FOR CONDITIONS AT THE 100-YEAR, 6-HOUR STORM EVENT AND ARE ROUTED THROUGH PONDS 3 AND 4 AS A TOTAL SYSTEM.



BIO-RETENTION GRATE DETAIL (TYPICAL)

RECEIVED
3-9-17

811
Know what's below.
Call before you dig.

DESIGNED	DATE	BY
DRAWN	JAN 2017	MDK
CHECKED	JAN 2017	MDK
AS-BUILT		

POND PROFILES & CALCULATIONS

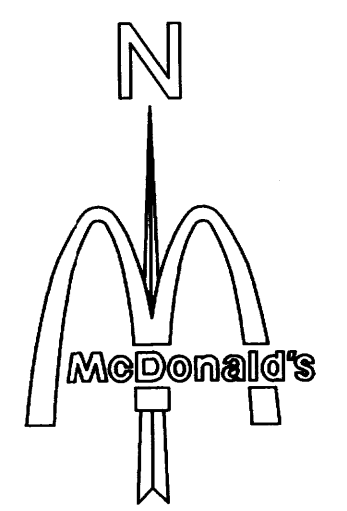
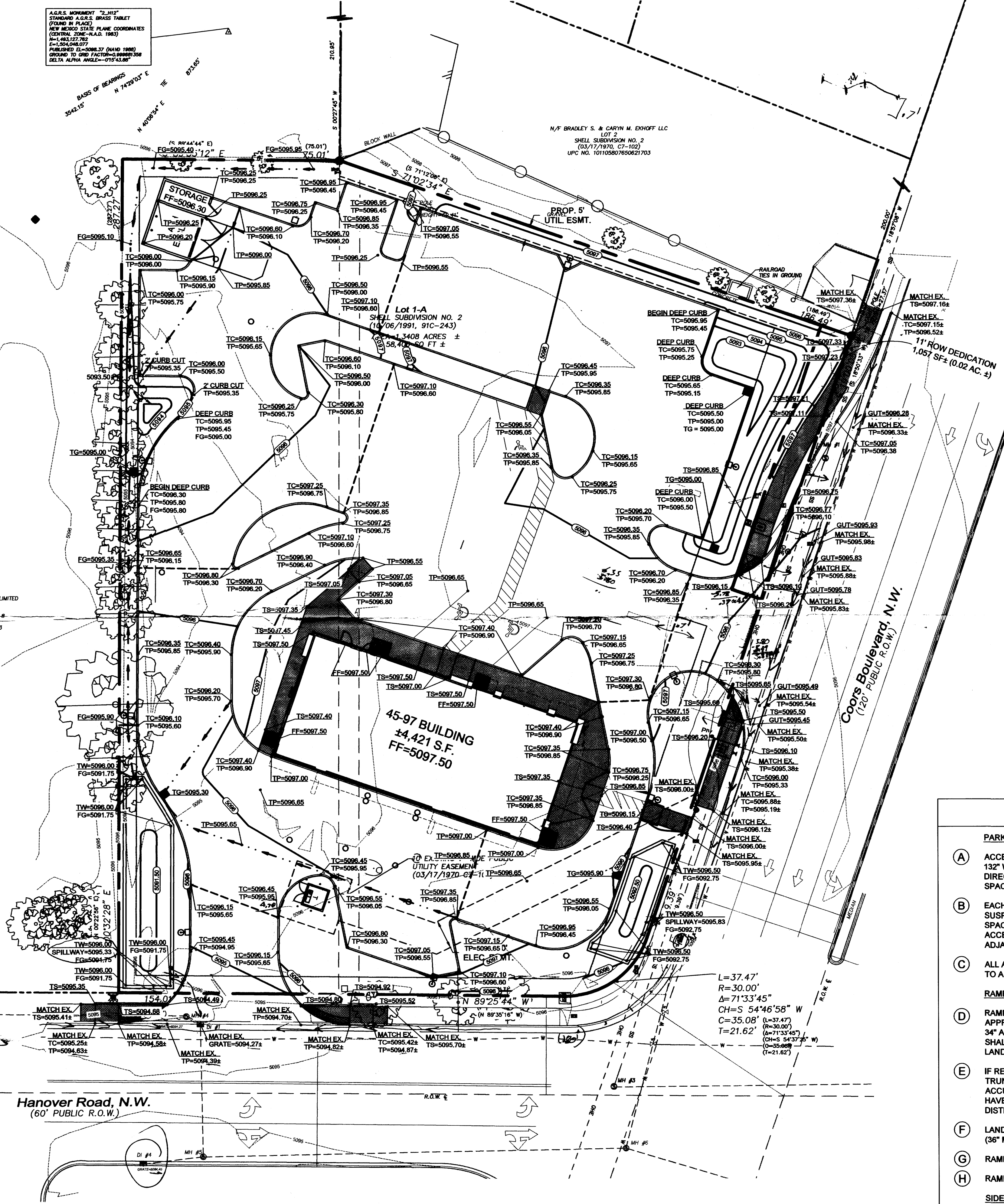
C8.2

AGRS MONUMENT "2_H12"
STANDARD AGRS BRASS TABLET
(FOUND IN PLACE)
NEW MEXICO STATE PLANE COORDINATES
(CENTRAL ZONE - NAD 1983)
N = 1,492,180.199 E = 1,500,635.082
PUBLISHED EL = 5119.814 (NAVD 1988)
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DELTA ALPHA ANGLE = -0°15'43.88"

AGRS MONUMENT "6_H10"
STANDARD AGRS BRASS TABLET
(FOUND IN PLACE)
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(CENTRAL ZONE - NAD 1983)
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GROUND TO GRID FACTOR = 0.99961414
DELTA ALPHA ANGLE = -0°15'43.88"

N/F THREE ALBUQUERQUE HOTELS LIMITED
TRACT 201-A
TOWN OF ALBUQUERQUE
TRACTS 201-A & 201-B-JAMES B.
(01/20/1981, 017-1981)
UPC NO. 1011050525222403

Hanover Road, N.W.
(60' PUBLIC R.O.W.)



SCALE: 1" = 20'

THESE PLANS ARE SUBJECT TO REVIEW & APPROVAL BY JURISDICTIONAL ENTITIES.

OWNER INFORMATION
MCDONALD'S USA, LLC
MOUNTAIN SOUTHWEST
FIELD EXECUTION TEAM
511 E. CARPENTER FRWY, STE. 375
IRVING, TEXAS 75062
(972) 869-5346
CONTACT: LEE MORRIS

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 - (C) ALL ACCESS AISLES SERVING ACCESSIBLE PARKING SPACES SHALL BE AS NOTED TO A 60" WIDE MINIMUM.
- RAMPS:**
- (D) RAMPS EXCEEDING 6" IN RISE (EXCLUDING CURB RAMPS) SHALL HAVE APPROPRIATE EDGE PROTECTION WITH HANDRAILS ON EACH SIDE AT BETWEEN 34" AND 38", AND EXTEND 12" BEYOND THE TOP AND BOTTOM OF RAMP. HANDRAIL SHALL NOT DIMINISH THE CLEAR AREA REQUIRED FOR TOP AND BOTTOM LANDINGS SERVING THE RAMPS.
 - (E) IF REQUIRED BY LOCAL OR STATE JURISDICTION, RAMPS SHALL CONTAIN A TRUNCATED DOME SURFACE ARRANGED SO THAT WATER WILL NOT ACCUMULATE. COLOR OF RAMP FINISH MATERIAL (INCLUDING CONCRETE) SHALL HAVE A LIGHT AND REFLECTIVE VALUE AND MUST CONTRAST SIGNIFICANTLY TO DISTINGUISH IT FROM ADJACENT SURFACES - (OR PAINT STRIPE).
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Know what's below.
Call before you dig.

LEGEND

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- TP = PROPOSED TOP OF PAVEMENT
- FG = PROPOSED FINISHED GRADE
- FF = PROPOSED FINISHED FLOOR
- TW = PROPOSED TOP OF WALL
- TS = PROPOSED TOP OF SIDEWALK
- SWALE
- GRADE BREAK
- RIDGE LINE
- XXX --- EXISTING CONTOUR
- XXX --- PROPOSED CONTOUR
- LEVEL LANDING @ 2% MAX SLOPE IN ANY DIRECTION

BY	DATE	DESCRIPTION
HJM	01/16/2017	ISSUE FOR PERMIT

ADAMS JOB NO.:	2012-289
9511 Cypress Valley Blvd, Suite 150 • Dallas, Texas 75019 • (817) 325-3200	

Adams

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW, AGENCY APPROVAL, AND COMMENT UNDER THE AUTHORITY OF G. ROBERT ADAMS, P.E. REGISTRATION NO. 1542, ON 01/16/2017. THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

OFFICE	MTN. SOUTHWEST FIELD EXECUTION TEAM	ADDRESS	KROC DRIVE - OAK BROOK, ILLINOIS 60521
REGIONAL MGR.		CONTRACTOR	
OPERATIONS DEPT.		OWNER	
REAL ESTATE DEPT.			

PLAN APPROVALS

SIGNATURE (2 REQUIRED)	DATE

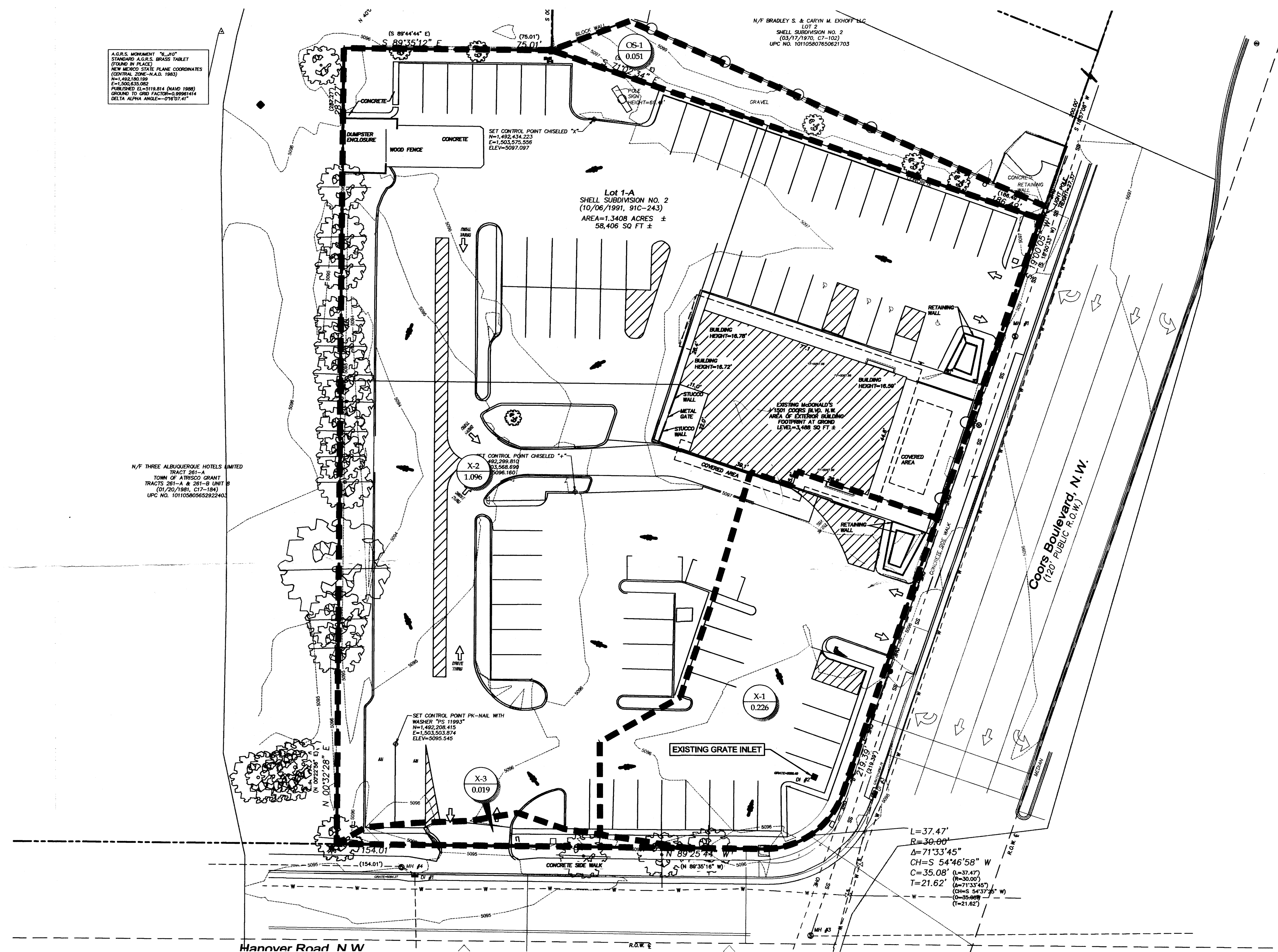
CO-SIGN SIGNATURES

	DATE	BY
DESIGNED	JAN 2017	HJM
DRAWN	JAN 2017	HJM
CHECKED	01/16/17	DWL
AS-BUILT		

GRADING PLAN

C7.0

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PRE-DEVELOPMENT 100-YEAR, 6-HOUR RUNOFF CALCULATIONS									
Drainage Area Number	Area (ac)	Land Treatment Condition				Excess Precipitation	Volume (acft)	Peak Discharge (cfs)	Remarks
		A	B	C	D	(in)		(cfs)	
X-1	0.226	0.000	0.000	0.024	0.202	1.87	0.04	0.95	SHEET FLOW TO ON-SITE GRATE INLET
X-2	1.096	0.000	0.000	0.146	0.950	1.84	0.17	4.57	OFF-SITE TO THE WEST
X-3	0.019	0.000	0.000	0.007	0.012	1.61	0.00	0.07	OFF-SITE TO THE SOUTH
OS-1	0.051	0.000	0.000	0.051	0.000	0.99	0.00	0.15	SHEET FLOW FROM NORTH ONTO SITE
Undeveloped	1.392	1.392	0.000	0.000	0.000	0.44	0.05	1.80	SHEET FLOW FROM NORTH TO SOUTH AND WEST

Note: Calculations in accordance with the City of Albuquerque Development Process Manual. The site is in Precipitation Zone 1.



Know what's **below**.
Call before you dig.

LEGEND

-  DRAINAGE AREA LINE
-  EXISTING CONTOUR
-  DRAINAGE AREA NUMBER
DRAINAGE AREA (ACRES)
-  EXISTING DRAINAGE DIRECTION

NOT FOR CONSTRUCTION

McDonald's

SCALE: 1" = 20'

THESE PLANS ARE SUBJECT TO REVIEW & APPROVAL BY JURISDICTIONAL ENTITIES.

OWNER INFORMATION

McDONALD'S USA, LLC
 MOUNTAIN SOUTHWEST
 FIELD EXECUTION TEAM
 511 E. CARPENTER FRWY, STE. 375
 IRVING, TEXAS 75032
 (972) 869-5346
 CONTACT: LEE MORRIS

BENCHMARK

MONUMENT	"2_H12" STANDARD AGRS BR	(FOUND IN PLACE)
N	1,492,180.199	E = 1,500,635.082
PUBLISHED EL = 5119.814 (NAVD 1988)		
MOUNTAIN STATE PLANE COORDINATES (CENTRAL ZONE)		
N	1,493,127.762	E = 1,504,048.077
PUBLISHED EL = 5098.37 (NAVD 1988)		
GROUND TO GRID FACTOR = 0.99961358		
DELTA ALPHA ANGLE = -0°15'43.88"		

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW, AGENCY APPROVAL, AND COMMENT UNDER THE AUTHORITY OF G. ROBERT ADAMS, P.E. REGISTRATION No. 15142, ON 01/01/17 THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES Adams 8951 Cypress Waters Blvd, Suite 150 ■ Dallas, Texas 75219 ■ (817) 324-3200			
ADAMS JOB NO.: 2012.289			
REV	DATE	DESCRIPTION	BY
—	01/18/2017	ISSUE FOR PERMIT	HJM
—	—	—	—
—	—	—	—
—	—	—	—

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW, AGENCY APPROVAL, AND COMMENT UNDER THE AUTHORITY OF G. ROBERT ADAMS, P.E.

REGISTRATION No. 15142, ON 01/01/17

THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES

MTN. SOUTHWEST FIELD EXECUTION TEAM MCDONALD'S J.C. 035-0014		OFFICE MTN. SOUTHWEST FIELD EXECUTION TEAM ADDRESS KROC DRIVE - OAK BROOK, ILLINOIS 60521 M. McDonald's USA, LLC These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be distributed, copied, reproduced, or otherwise used in any form without the prior written consent of McDonald's USA, LLC. These drawings and specifications are not to be used in conjunction with its same date or use on a different site or at a later time. Use of these drawings for any other purpose without the prior written consent of McDonald's USA, LLC is strictly prohibited. McDonald's USA, LLC and its affiliates shall not be liable for any damages for reliance on or use of these drawings for any other purpose without the prior written consent of McDonald's USA, LLC and its engineers. Reproduction of the contents of these drawings for use on another project is not authorized.	
		1501 COORS BLVD NW ALBUQUERQUE, NM	
PLAN APPROVALS		CO-SIGN SIGNATURES	
REGIONAL MGR.	DATE	CONTRACTOR	OWNER
CONSTR. MGR.			
OPERATIONS DEPT.			
REAL ESTATE DEPT.			

DESIGNED	JAN 2017	MSH	BY
DRAWN	JAN 2017	MSH	
CHECKED	JAN 2017	DWL	
AS-BUILT			

PRE-DEVELOPED DRAINAGE PLAN

C8.0

1

LEGEND

	DRAINAGE AREA LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	DRAINAGE AREA NUMBER DRAINAGE AREA (ACRES)
	PROPOSED DRAINAGE DIRECTION

FIRST FLUSH VOLUME CALCULATIONS					
Pond #	Drainage Areas	Impervious Area (Ac)	FF Required Volume (cf)	FF Provided Volume (cf)	Total Provided Volume (cf)
1	A-1	0.196	✓ 242	286	518
2	A-2, OS-1	0.329	✓ 406	1609	2259
3	A-3	0.072	✓ 89	680	1767
4	A-4, A-5	0.297	✓ 367	619	4495
Off-site Flow	B-1, B-2	0.062	✓ 77	n/a	n/a
Total	All	0.956	1180	3296	9038

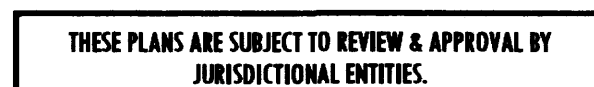
Site Location – The site is located on approximately 1.34 acres at the northwest corner of Coors Blvd. and Hanover Rd. It is bordered to the north by an automobile dealership and to the West by currently vacant land held by “Three Albuquerque Hotels Limited”. Proposed construction will include a McDonald’s restaurant and associated paving, grading, landscaping, utility, and storm water management infrastructure.

Methodology – The proposed storm water management system was evaluated in accordance with Chapter 22 of the City of Albuquerque Development Process Manual. The site is located in Bernalillo County Precipitation Zone 1. The 100-year, 6-hour frequency rainfall event was used to calculate peak discharge rates and runoff volumes under undeveloped, existing, and proposed conditions.

Existing Conditions – Ref to Sheet C8.0 for the Pre-Developed Drainage Plan. Four drainage basins are identified for the site under existing conditions. Area OS-1 consists of 0.051 acres flowing onto the site from the North. Area X-1 contains 0.226 acres at the Southeast corner of the site, and drains through a grate inlet on-site into the Coors Blvd. ROW storm drain system. Area X-2 contains 1.096 acres, and drains to the Western side of the site where water is allowed to infiltrate through a landscape strip. Area X-3 contains 0.019 acres at the Southern edge of the site, and drains to the Hanover Rd. ROW. To accommodate new design standards, the original, undeveloped state of the on- and off-site 1.392 acre site has been analyzed as sheet flow from the North to the South and West, ultimately draining into Hanover Rd. ROW. Peak discharge rate and runoff volume calculations for existing and undeveloped conditions are provided on Sheet C8.0.

Proposed Conditions – Refer to Sheet C8.1 for the Post-Developed Drainage Plan. Nine drainage basins are identified for the site under proposed conditions. Area OS-1 (0.051 acres) flows onto the site from the North into Area A-2 (0.469 acres) which both drain through an inlet grate into Bio-Retention Basin 2. Bio-Retention Basin 2 captures the first flush for these areas, then overflows to Bio-Retention Basin 3. Area A-1 (0.288 acres) drains into Bio-Retention Basin 1, from a combination of sheet and channel (swale) flow, which captures the first flush for the area, then overflows to Bio-Retention Basin 4. Area A-3 (0.088 acres) sheet flows to Bio-Retention Basin 3 through a grate inlet where the first flush for A-3 is captured. Roof Area A-4 (0.102) drains through a downslope along with Area A-5 (0.266 acres) through a grate inlet into Bio-Retention Basin 4 where the first flush is retained. The outflow pipes for Bio-Retention Basins 3 and 4 have been sized to limit flow to undeveloped conditions during a 100-year storm event (Undeveloped=1.80CFS, Proposed=1.66CFS). Total bio-retention (0.34", "first flush") is 3.296 cubic feet with an overall total storage of 9,039 cubic feet to accommodate limited flow rates out of Bio-Retention Basins 3 and 4.

Conclusions – The overall amount of impervious area at this site will be similar under the proposed conditions as the existing site; however, rather than a large portion of flow draining directly into the storm system, all areas meet the required bio-retention volume. Additionally, the proposed site will reduce the detention/infiltration burden on the adjacent site to the West. Under more frequent storm events, nearly all flow is retained and infiltrated on-site while even the 100-year storm flows off the site are kept below the undeveloped volumetric flow rate. As a result of the improvements, quality and quantity of flow should be improved when compared to the existing site.



**MCDONALD'S USA, LLC
MOUNTAIN SOUTHWEST
FIELD EXECUTION TEAM
511 E. CARPENTER FRWY, STE.
IRVING, TEXAS 75062
(972) 869-5346
CONTACT: LEE MORRIS**

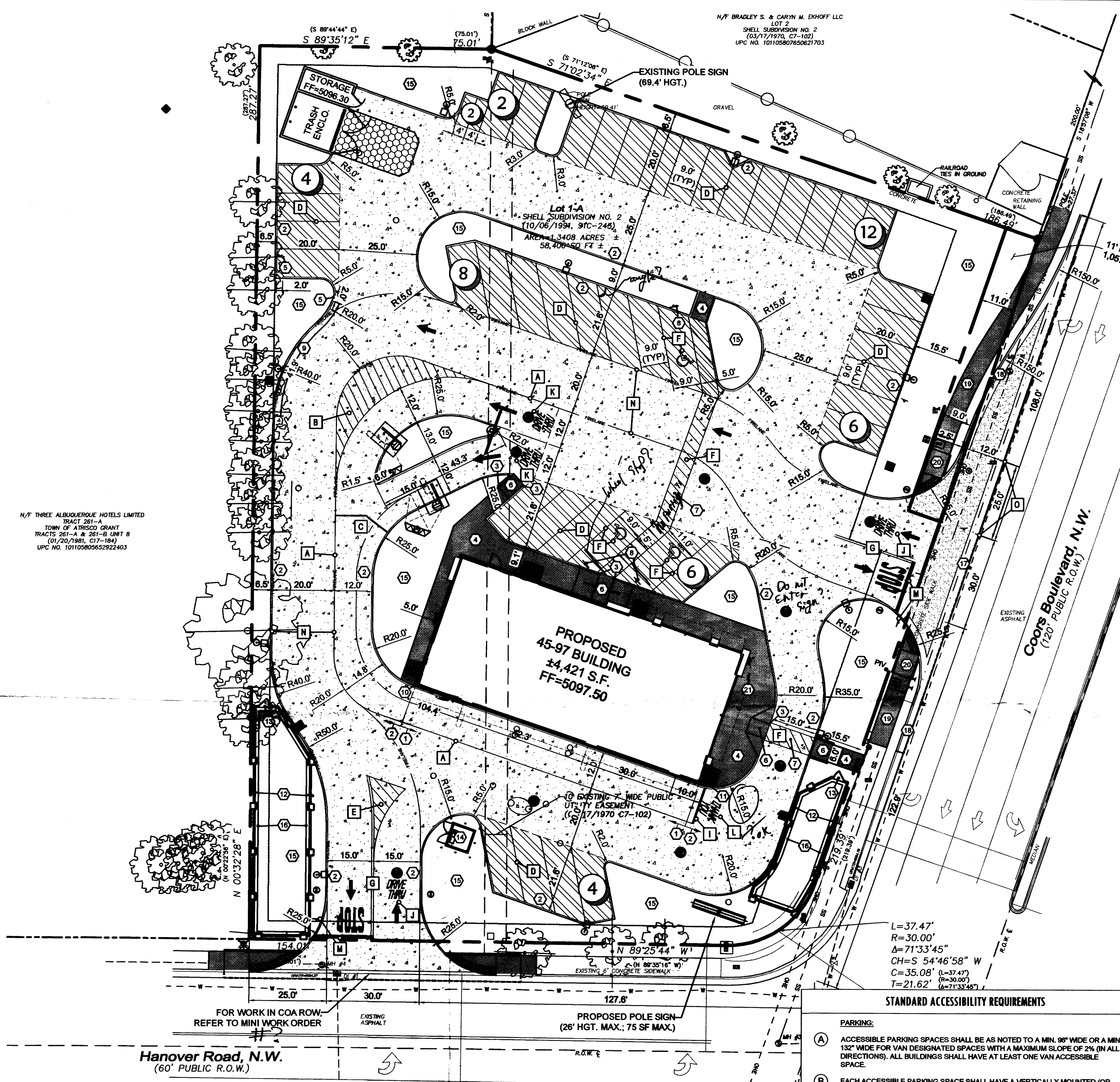
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UNDER THE AUTHORITY OF
G. ROBERT ADAMS, P.E.
REGISTRATION No. 15142, ON 01/19/97
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TO BE USED FOR
CONSTRUCTION PURPOSES

	DATE	BY
DESIGNED	JAN 2017	MD
DRAWN	JAN 2017	MD
CHECKED	JAN 2017	DW
AS-BUILT		

C8.1

PLANNING & DESIGN, INC. 10000 N. 10TH AVENUE, SUITE 100, DENVER, CO 80231
PLOT TIME: 11:23:34 AM
PLOT DATE: Thursday, January 19, 2017
FILENAME: C4.1 SITE PLAN.dwg



PAVING LEGEND	
	REINFORCED CONCRETE SIDEWALK, MINIMUM 4" THICK REINFORCED WITH #3 BARS @ 18" O.C.E.V. CONCRETE TO BE 4000 PSI 28-DAY STRENGTH
	HEAVY DUTY REINFORCED CONCRETE @ DRIVING AREAS & DRIVE-THRU
	LIGHT DUTY REINFORCED CONCRETE OR ASPHALT
	REINFORCED CONCRETE PAVEMENT @ TRASH ENCLOSURE APRON, MINIMUM 6" THICK REINFORCED WITH #3 BARS @ 18" O.C.E.V. CONCRETE TO BE 4000 PSI 28-DAY STRENGTH
	HEAVY DUTY ASPHALT IN NMDOT ROW, MINIMUM 3" THICK ASPHALT CONCRETE SURFACE COURSE (MAX. 1.5" LIFTS), OVER 9" CRUSHED AGGREGATE BASE COURSE
	LANDSCAPE AREA
	SAWCUT LINE

BENCHMARK	
1.	AGRS MONUMENT "2_H12" STANDARD AGRS BRASS TABLET (FOUND IN PLACE) NM STATE PLANE COORDINATES (CENTRAL ZONE - NAD 1983) N = 1,482,180.762 E = 1,504,048.077 PUBLISHED EL = 5119.814 (NAVD 1988) GROUND TO GRID FACTOR = 0.99981414 DELTA ALPHA ANGLE = -0°18'07.41"
2.	AGRS MONUMENT "6_H10" STANDARD AGRS BRASS TABLET (FOUND IN PLACE) NM STATE PLANE COORDINATES (CENTRAL ZONE - NAD 1983) N = 1,482,180.762 E = 1,504,048.077 PUBLISHED EL = 5088.37 (NAVD 1988) GROUND TO GRID FACTOR = 0.99981358 DELTA ALPHA ANGLE = -0°19'43.88"

STANDARD ACCESSIBILITY REQUIREMENTS	
PARKING:	
(A)	ACCESSIBLE PARKING SPACES SHALL BE AS NOTED TO A MIN. 96" WIDE OR A MIN. 132" WIDE FOR VAN DESIGNATED SPACES WITH A MAXIMUM SLOPE OF 2% (IN ALL DIRECTIONS). ALL BUILDINGS SHALL HAVE AT LEAST ONE VAN ACCESSIBLE SPACE.
(B)	EACH ACCESSIBLE PARKING SPACE SHALL HAVE A VERTICALLY MOUNTED (OR SUSPENDED) SIGN SHOWING THE SYMBOL OF ACCESSIBILITY. AT LEAST ONE SPACE MUST INCORPORATE "VAN-ACCESSIBLE" BELOW THE SYMBOL OF ACCESSIBILITY. SIGN SHALL BE LOCATED AS NOTED TO 80" (MIN.) ABOVE THE ADJACENT PAVED SURFACE TO BOTTOM OF TEXT.
(C)	ALL ACCESSIBLES SERVING ACCESSIBLE PARKING SPACES SHALL BE AS NOTED TO A 60" WIDE MINIMUM.
RAMP:	
(D)	RAMP EXCEEDING 6" IN RISE (EXCLUDING CURB RAMP) SHALL HAVE APPROPRIATE EDGE PROTECTION WITH HANDRAILS ON EACH SIDE AT BETWEEN 34" AND 38", AND EXTEND 12" BEYOND THE TOP AND BOTTOM OF RAMP. HANDRAIL SHALL NOT DIMINISH THE CLEAR AREA REQUIRED FOR TOP AND BOTTOM LANDINGS SERVING THE RAMP.
(E)	IF REQUIRED BY LOCAL OR STATE JURISDICTION, RAMP SHALL CONTAIN A TRUNCATED DOME SURFACE ARRANGED SO THAT WATER WILL NOT ACCUMULATE. COLOR OF RAMP FINISH MATERIAL (INCLUDING CONCRETE) SHALL HAVE A LIGHT AND REFLECTIVE VALUE, AND MUST CONTRAST SIGNIFICANTLY TO DISTINGUISH IT FROM ADJACENT SURFACES - (OR PAINT STRIPE).
(F)	LANDINGS FOR RAMP SHALL BE AS WIDE AS THE RAMP AND 60" LONG MINIMUM (36" MINIMUM FOR CURB RAMP).
(G)	RAMP SHALL NOT EXCEED A 1:12 RUNNING SLOPE OR 30° VERTICAL RISE.
(H)	RAMP AND LANDING SHALL NOT EXCEED 1:48 (2% CROSS SLOPE).
SIDEWALKS AND ACCESSIBLE ROUTES:	
(I)	SIDEWALKS MUST BE AT LEAST 36" WIDE WITH A CROSS SLOPE THAT SHALL NOT EXCEED 1:48 (2%).
(J)	LONGITUDINAL SLOPE OF ANY SIDEWALK (ACCESSIBLE ROUTE) SHALL NOT EXCEED 1:20 (5%).

KEY NOTE LEGEND	
MARK	MARK DESCRIPTION
(1)	CONCRETE VERTICAL CURB @ DRIVE-THRU (RE: C10.2 STANDARD DETAILS)
(2)	CURB AND GUTTER @ NON DRIVE-THRU AREAS (RE: C10.2 STANDARD DETAILS)
(3)	TURN DOWN CURB (RE: C10.3 STANDARD DETAILS)
(4)	REINFORCED CONCRETE SIDEWALK (RE: C10.3 STANDARD DETAILS)
(5)	CURB CUT
(6)	H.C. ACCESS RAMP @ 1:12 MAX SLOPE (RE: C10.1 STANDARD DETAILS)
(7)	HANDICAP ACCESSIBLE ROUTE
(8)	HANDICAP ACCESSIBLE SIGN (BUILDING OR POLE MOUNTED) (RE: C10.1 STANDARD DETAILS)
(9)	DEEP CURB (RE: C10.2 STANDARD DETAILS)
(10)	BOLLARD (RE: C10.1 STANDARD DETAILS)
(11)	GUARDRAIL @ INGRESS/EGRESS DOOR (RE: C10.1 STANDARD DETAILS)
(12)	FENCE (RE: C10.5 STANDARD DETAILS AND RW-3 RETAINING WALL DETAILS)
(13)	GATE (RE: C10.5 STANDARD DETAILS AND RW-3 RETAINING WALL DETAILS)
(14)	PAD MOUNTED TRANSFORMER (RE: C9.0 UTILITY PLAN)
(15)	LANDSCAPE FINISH GRADE 1" BELOW TOP OF CURB IN ALL LAWN AREAS AND 2" BELOW TOP OF CURB IN ALL BED AREAS
(16)	RETAINING WALL (RE: RW-1 THROUGH RW-3)
(17)	VALLEY GUTTER (RE: C10.7 NMDOT STANDARD DETAILS)
(18)	26" CONCRETE BARRIER CURB AND GUTTER TYPE "B" (RE: C10.7 NMDOT STANDARD DETAILS)
(19)	REINFORCED CONCRETE SIDEWALK (RE: C10.7 NMDOT STANDARD DETAILS)
(20)	H.C. ACCESS RAMP @ 1:12 MAX SLOPE (RE: C10.7 NMDOT STANDARD DETAILS)
(21)	BIKE RACK (RE: C10.6 STANDARD DETAILS)

PAVEMENT MARKING LEGEND	
MARK	MARK DESCRIPTION
A	6" DRIVE-THRU STRIPING - COLOR : YELLOW
B	4" DIAGONAL PAINTED ISLANDS AT DRIVE-THRU - COLOR : YELLOW
C	6" MERGE POINT - COLOR : YELLOW
D	4" PARKING STALL STRIPING - COLOR : WHITE (TYP)
E	4" DIAGONAL PAINTED ISLANDS IN PARKING AREA - COLOR : WHITE
F	HANDICAP ACCESSIBLE SPACES / SYMBOLS / CROSSWALK - COLOR : (PER STATE/CITY REQUIREMENTS)
G	4" DOUBLE LANE DIVIDER STRIPING - COLOR : YELLOW (TYP)
H	NOT USED
I	8" OOSP STRIPING - COLOR : YELLOW
J	"DRIVE THRU" WITH "CIRCLE/ARROW" - COLOR : YELLOW
K	DOUBLE DRIVE-THRU "ARROW" MARKING - COLOR : YELLOW
L	"THANK YOU" AT END PATH - COLOR : YELLOW
M	PAINTED "STOP" AND 12" STOP BAR WITH "STOP" SIGN - COLOR : WHITE
N	FIRE LANE STRIPING PER CITY OF ALBUQUERQUE FIRE CODE STANDARDS
O	6" SINGLE WIDE SOLID STRIPE - COLOR : WHITE (PER NMDOT STANDARDS)

EXISTING LEGEND	
N 90°00'00" E MEASURED BEARINGS AND DISTANCES MATCH RECORD BEARING AND DISTANCES	
○	FOUND AND USED MONUMENT AS DESIGNATED
●	DENOTES NO. 4 REBAR WITH YELLOW PLASTIC CAP "PS 11993" SET THIS SURVEY
⊕	CONTROL POINT SET THIS SURVEY
△	FOUND ALUMINUM AGRS MONUMENT AS DESIGNATED
⊙	SERVICE/DROP POLE AS DESIGNATED
⊖	UTILITY POLE
⊕	GUY WIRE
⊖	ELECTRIC BOX
⊖	ELECTRIC METER
⊖	LIGHT POLE
⊖	TRANSFORMER
⊖	TRAFFIC SIGNAL BOX
⊖	TRAFFIC LIGHT
⊖	IRRIGATION CONTROL VALVE
⊖	WATER METER
⊖	WATER VALVE
⊖	FIRE HYDRANT
⊖	SANITARY SEWER MANHOLE
⊖	STORM SEWER MANHOLE
⊖	SIGN
⊖	GAS METER
⊖	MEDIAN INLET
⊖	CURB INLET
⊖	GUARD POST
⊖	TREE
⊖	HANDICAP PARKING SPACE
⊖	SPIGOT
⊖	PARKING CONCRETE BUMPER
⊖	CURB AND GUTTER
⊖	OVERHEAD UTILITY LINE
⊖	GAS LINE
⊖	WATER LINE
⊖	SANITARY SEWER LINE
⊖	STORM SEWER LINE
⊖	METAL FENCE
⊖	CHAIN LINK FENCE
⊖	ASPHALT
⊖	UTILITY PEDISTAL

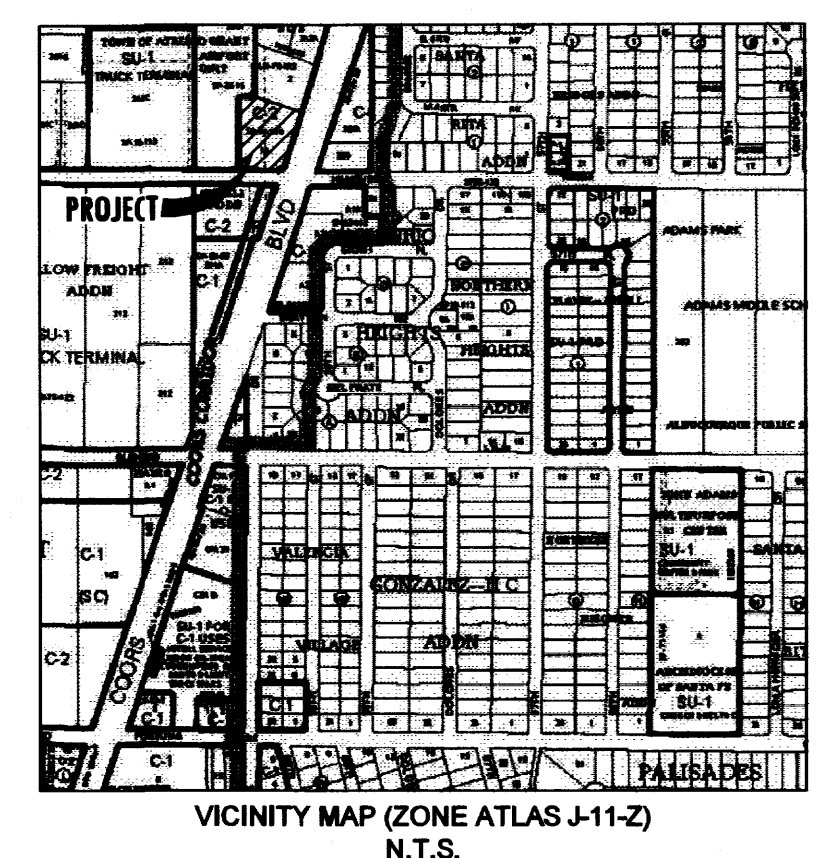
SITE INFORMATION	
LEGAL DESCRIPTION:	LOT 1-A, SHELL SUBDIVISION NO. 2, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, PLAT BOOK 91C, FOLIO 243, COUNTY CLERK OF BERNALILLO COUNTY, NM
LAND AREA:	57,349 SF (1.317 AC)
CURRENT ZONING:	C-2
EXISTING USE:	DRIVE-THRU RESTAURANT
PROPOSED USE:	DRIVE-THRU RESTAURANT
BUILDING AREA (APPROXIMATE):	4,490 SF
BUILDING LOT COVERAGE:	4,490 SF/57,349 SF = 7.83%
PARKING REQUIRED:	1 SPACE PER 4 SEATS 64 SEATS/4 = 16 SPACES
PARKING PROVIDED:	42
HANDICAP PARKING REQUIRED:	3
HANDICAP PARKING PROVIDED:	3
MOTORCYCLE PARKING REQUIRED:	1
MOTORCYCLE PARKING PROVIDED:	2
BICYCLE PARKING REQUIRED:	2
BICYCLE PARKING PROVIDED:	2

LEGEND	
CONCRETE WHEEL STOP (RE: C10.3 STANDARD DETAILS)	
FLAG POLE (26' MAX. HEIGHT)	
LIGHT STANDARD (15' CLEAR FROM ALL OVERHEAD UTILITY LINES) (24' CLEAR FROM BACK OF CURB)	
ROAD SIGN (POLE)	
POWER POLE	
DOMESTIC WATER METER	
IRRIGATION WATER METER	
BACK FLOW PREVENTION DEVICE (RE: C9.0 UTILITY PLAN)	
FIRE HYDRANT (EXISTING)	
GREASE INTERCEPTOR (RE: C9.0 UTILITY PLAN)	
SANITARY SEWER CLEANOUT (RE: C9.0 UTILITY PLAN)	
MCDONALD'S DIRECTIONAL SIGN	
DETECTOR LOOP (LOCATION TO BE APPROVED BY MCDONALD'S) (RE: C10.0 STANDARD DETAILS)	
"CIRCLE / ARROW" - COLOR : YELLOW	
ARROW PATH DIRECTION - COLOR : WHITE	
DRAINAGE STRUCTURE (RE: C8.1 POST DRAINAGE PLAN)	

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SCALE: 1" = 20'

THESE PLANS ARE SUBJECT TO REVIEW & APPROVAL BY JURISDICTIONAL ENTITIES.



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BY: HUM
DATE: 01/16/2017
DESCRIPTION: ISSUE FOR PERMIT

ADAMS JOB NO.: 2012.299
8801 Coors Blvd, Suite 150 • Dallas, Texas 75219 • (817) 324-3200

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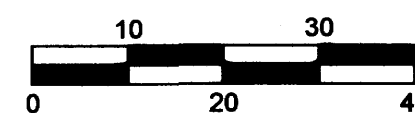
STAMP Date

OFFICE	MTN. SOUTHWEST FIELD EXECUTION TEAM	DATE	
ADDRESS	KROC DRIVE - OAK BROOK, ILLINOIS 60521		
M. McDonald's USA, LLC			
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REGIONAL MGR	CONSTR. MGR	OPERATIONS DEPT.	REAL ESTATE DEPT.
CO-SIGN SIGNATURES		CONTRACTOR OWNER	

DESIGNED	NOV 2016	TJR
DRAWN	NOV 2016	TJR
CHECKED		
AS-BUILT		

TRAFFIC CIRCULATION PLAN

C4.1



SCALE: 1" = 20'

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OWNER INFORMATION

**MCDONALD'S USA, LLC
MOUNTAIN SOUTHWEST
FIELD EXECUTION TEAM
511 E. CARPENTER FRWY, STE. 375
IRVING, TEXAS 75062
(972) 869-5346
CONTACT: LEE MORRIS**

PAVING SPECIFICATION

VERIFY W/ MCDONALD'S:	ASPHALT:	☐	CONCRETE:	☒
CONTRACTOR TO BID:	ASPHALT:	☐	CONCRETE:	☒

PAVEMENT NOTES

1. PAVEMENT SHALL BE PREPARED IN ACCORDANCE WITH GEOTECHNICAL REPORT PREPARED BY TERRACON CONSULTANTS, INC. DATED OCTOBER 5, 2016. [66185159]
2. SUBGRADE SHOULD BE ROLLED AND COMPACTED TO AT LEAST 90 PERCENT OF THE STANDARD PROCTOR (ASTM D 698) MAXIMUM DRY DENSITY FOR A DEPTH OF AT LEAST 10 INCHES BELOW THE SURFACE. SEE SECTION 4.2 OF GEOTECH REPORT.
3. ALL PAVEMENT SHALL BE PLACED AFTER THE SUBGRADE HAS BEEN PROPERLY COMPACTED, FINE-GRADED AND PROOF ROLLED AS SPECIFIED IN THE GEOTECH REPORT.
4. ALL WORK SHALL BE IN ACCORDANCE WITH THE NEW MEXICO DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND CITY OF ALBUQUERQUE SPECIFICATIONS.
5. WATER SHOULD NOT BE ALLOWED TO POND BEHIND CURBS AND SATURATE THE BASE MATERIALS. GRANULAR BASE MATERIAL SHOULD EXTEND THROUGH THE SLOPE PROVIDING UNDERGROUND DRAINAGE AN EXISTING SLOPE.
6. REFER TO C102 FOR JOINTS. JOINT SPECIFICATIONS UNLESS NOT OTHERWISE IN THE SLOPE REPORT.
7. ALL CONCRETE PAVEMENT SHALL BE 4,000 PSI @ 28 DAYS AND REINFORCED WITH #3 BARS @ 18" O.C.E.W.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REFER TO GEOTECHNICAL REPORT FOR ALL NECESSARY INFORMATION. THE INFORMATION ABOVE IS BEING PROVIDED FOR REFERENCE ONLY AND SHALL NOT BE RELIED UPON AS ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REFERRING TO THE GEOTECHNICAL REPORT FOR ALL PAVEMENT TREATMENT AND REQUIREMENTS.

LEGEND

-  REINFORCED CONCRETE SIDEWALK. MINIMUM 3" THICK REINFORCED WITH #3 BARS @ 18" O.C.E.W. CONCRETE TO BE 4000 PSI 28-DAY STRENGTH
-  HEAVY DUTY REINFORCED CONCRETE @ DRIVING AREAS & DRIVE-THRU. *
-  LIGHT DUTY REINFORCED CONCRETE OR ASPHALT *
-  REINFORCED CONCRETE PAVEMENT @ TRASH ENCLOSURE APRON. MINIMUM 6" THICK REINFORCED WITH #3 BARS @ 18" O.C.E.W. CONCRETE TO BE 4000 PSI 28-DAY STRENGTH*
-  HEAVY DUTY ASPHALT IN NMDOT ROW. MINIMUM 3" THICK ASPHALT CONCRETE SURFACE COURSE (MAX. 1.5" LIFTS), OVER 9" CRUSHED AGGREGATE BASE COURSE.*
-  LANDSCAPE AREA
-  SAWCUT LINE
-  2.5" IRRIGATION SLEEVES

*REFER TO GEOTECH REPORT PROVIDED BY
TERRACON CONSULTANTS, INC. IN REPORT NO
66165139 FOR ALL PAVING SPECIFICATIONS

REV	DATE	DESCRIPTION	BY
—	01/16/2017	ISSUE FOR PERMIT	HJM
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—



Adams

ADAMS JOB NO.:
2012.298

8951 Cypress Waters Blvd., Suite 150 ■ Dallas, Texas 75019 ■ (817) 318-3200

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PLAN APPROVALS		OFFICE	MTN. SOUTHWEST FIELD EXECUTION TEAM	MCDONALD'S LC. 03-0014
SIGNATURE (2 REQUIRED)		ADDRESS	KROC DRIVE - OAK BROOK, ILLINOIS 60521	
DATE				
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REAL ESTATE DEPT.				
CO-SIGN SIGNATURES				
CONTRACTOR				
OWNER		1501 COORS BLVD NW ALBUQUERQUE, NM		

	DATE	BY
DESIGNED	DEC 2016	MP
DRAWN	DEC 2016	MP
CHECKED	01/16/17	DWL
AS-BUILT		

PAVING PLAN

C6.0



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