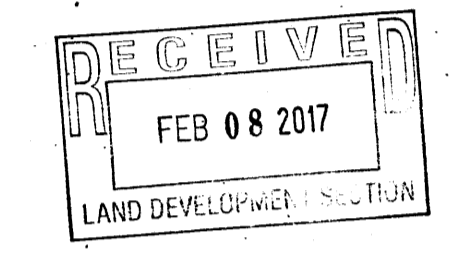




LEGAL DESCRIPTION
 TRACTS A, LANDS OF
 RALPH & MONICA CORRIZ
 A REPLAT OF TRACTS 67-A-1 AND 67-A-2, M.R.G.C.D. MAP 29
 WITHIN PROJECTED SECTION 28, T. 11 N., R. 3 E., N.M.P.M.
 WITHIN THE ELENA GALLEGOS GRANT
 ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
 AUGUST 2015

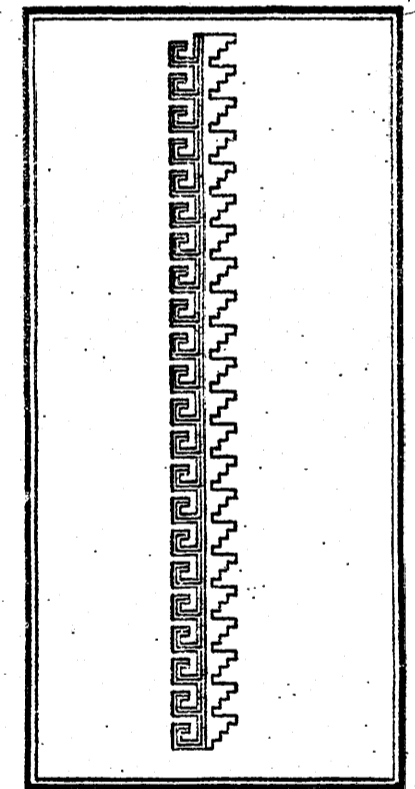
JOB NO:	XXXXXX
DATE:	JULY 2016
REVISIONS:	

TRACT A
 (1.2709 ac.)



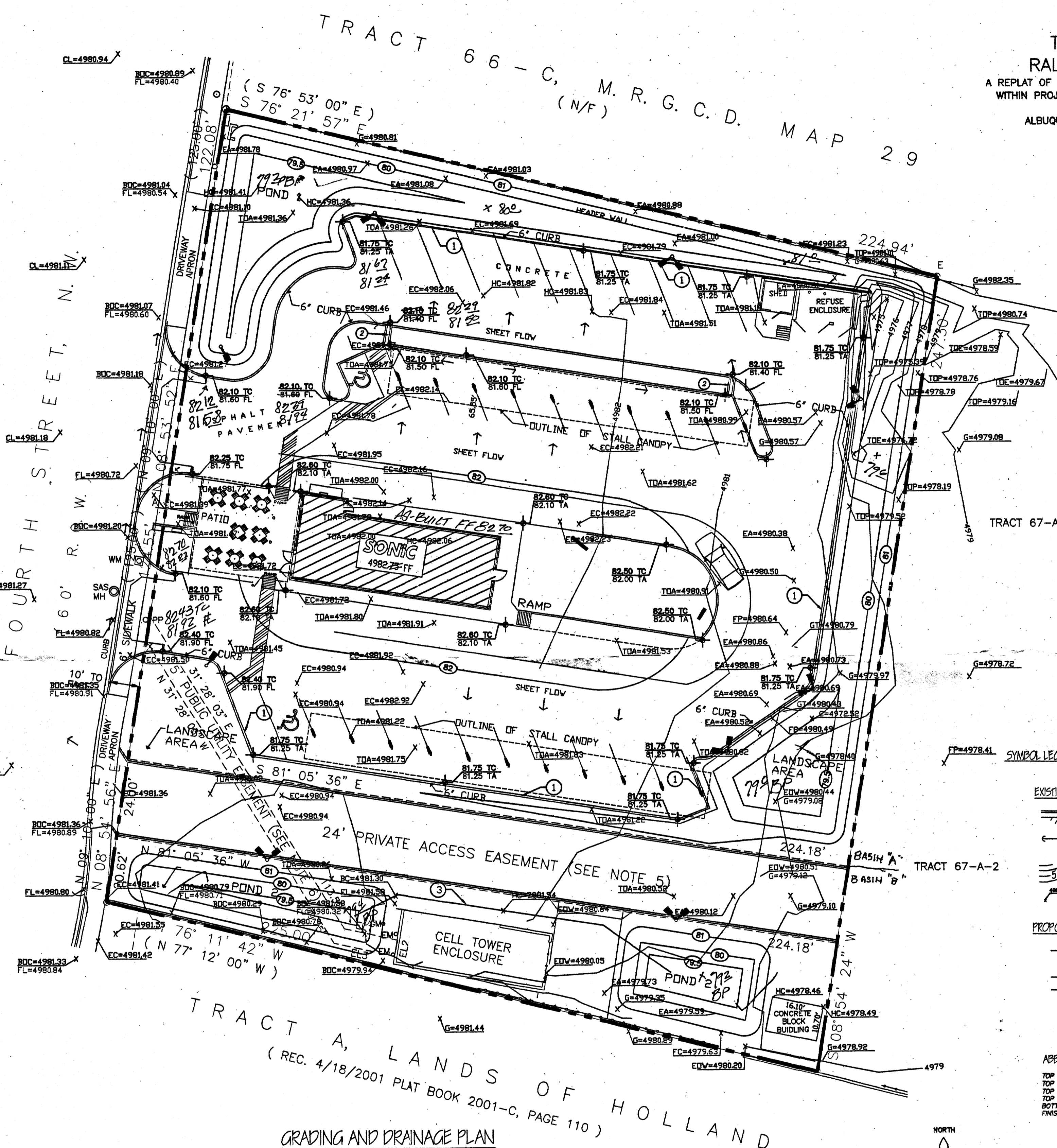
- KEYED NOTES
- 6" HEADER CURB WITH 6" (24" O.C.) CORRUG TO ALLOW FLOW
 - CONCRETE CANAL 6" WIDE
 - 6" PVC POND EQUILIBRIUM PIPE (79.5 INVERT)

Sheet Title
GRADING & DRAINAGE PLAN
 Drawn By: HTH & BJM Checked By:



Job Title
SONIC DRIVE INN
 6310 FOURTH STREET N.W.
 ALBUQUERQUE, NEW MEXICO

SHEET NO.
 AD-1



(DRAINAGE CERT W/SURVEY WORK BY OTHERS)
 12/28/01

"DRAINAGE CERTIFICATION"

I, Bruce Phillips, NMPE # 9281, OF THE FIRM Cimarron Construction, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED July 19 2016. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY Tomas D Johnson, NMPS # 14262, OF THE FIRM Way John Surveys Co I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 1-22-17 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT FOR A REQUEST FOR Certification of occupancy.

(DESCRIBE ANY EXCEPTINS AND/OR QUALIFICATIONS HERE IN A SEPARATE PARAGRAPH.)

(DESCRIBE ANY DEFICIENCIES AND/OR REQUIRED CORRECTIONS HERE IN A SEPARATE PARAGRAPH.)

THIS RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

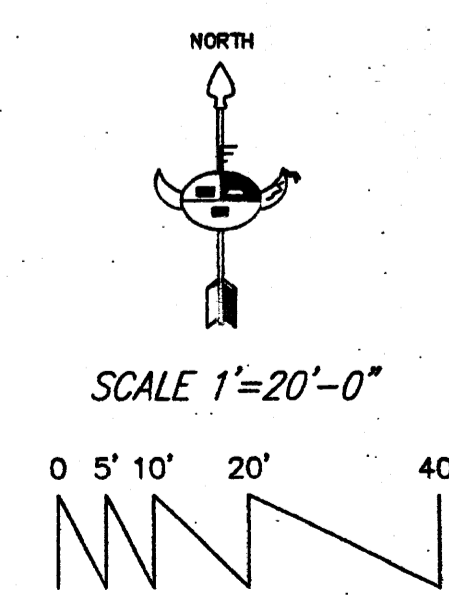
Bruce Phillips
 Bruce Phillips, NMPE # 9281
 DATE 1-20-17



Pond 1				
contour	area	depth	volume	
sqft	ft	Cu.Ft.		
81.00	" 7,615 "			
80.00	" 4,965 "	1.00	" 6,290 "	
79.50	" 1,340 "	0.50	" 3,153 "	
	" 10,400 "			
Pond 2				
contour	area	depth	volume	
sqft	ft	Cu.Ft.		
81.00	" 2,599 "			
80.00	" 1,394 "	1.00	" 1,997 "	
79.50	444	0.50	919	
	" 2,916 "			
total pond provided			" 13,316 "	

GRADING AND DRAINAGE PLAN

SCALE 1"=20'-0"



TRACT A, LANDS OF HOLLAND
 (REC. 4/18/2001 PLAT BOOK 2001-C, PAGE 110)

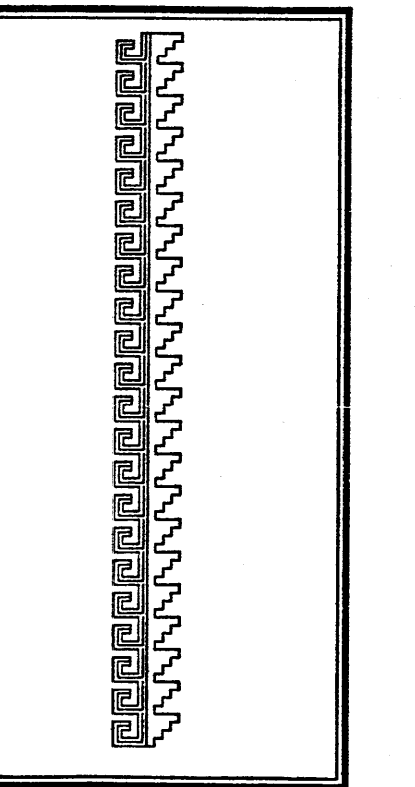


LEGAL DESCRIPTION

TRACTS A, LANDS OF
RALPH & MONICA CORRIZ
A REPLAT OF TRACTS 67-A-1 AND 67-A-2, M.R.G.C.D. MAP 29
WITHIN PROJECTED SECTION 28, T. 11 N., R. 3 E., N.M.P.M.
WITHIN THE ELENA GALLEGOS GRANT
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
AUGUST 2015

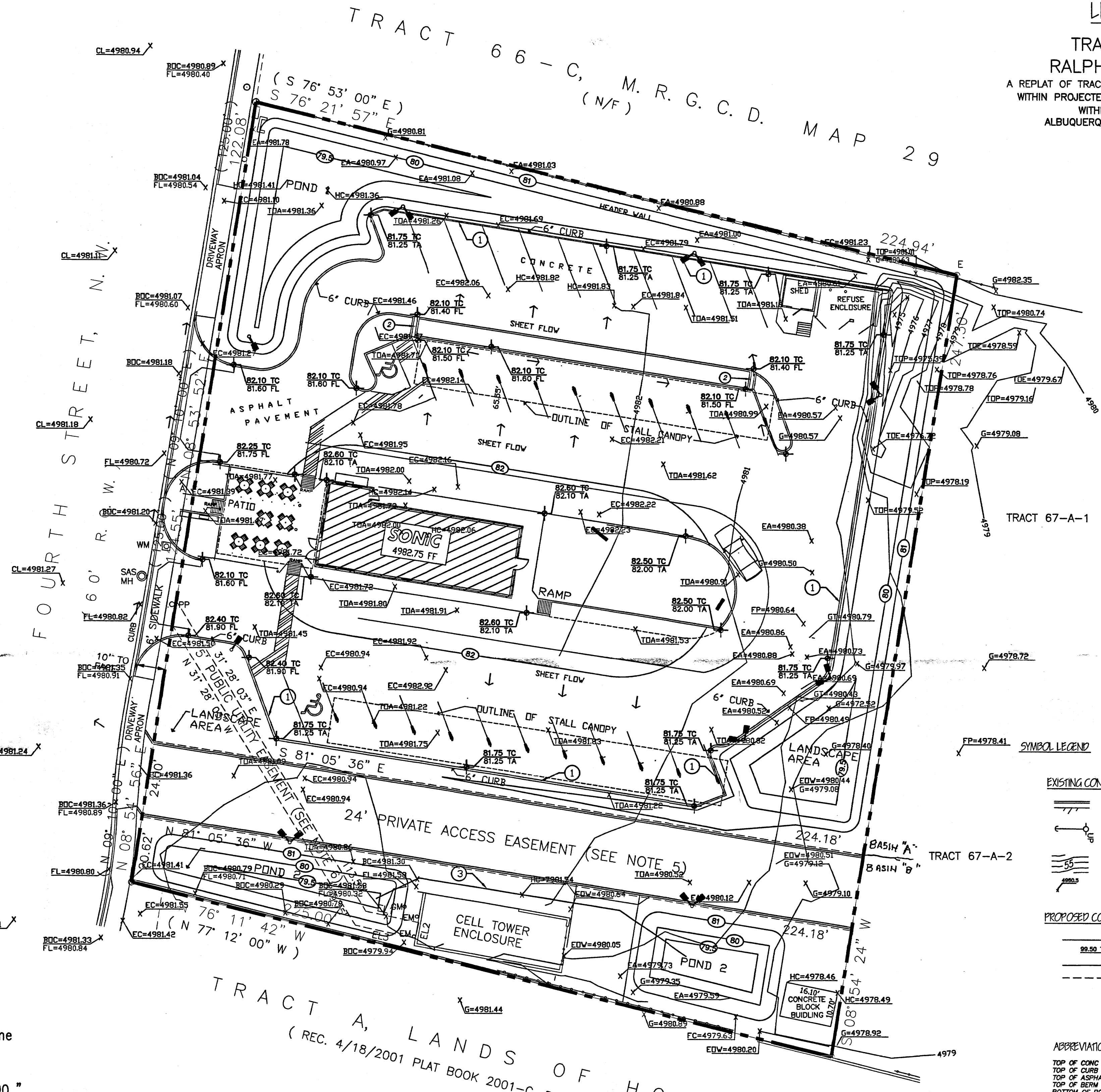
JOB NO.	XXXXXX
DATE	JULY 2016
REVISIONS	

Sheet Title
GRADING & DRAINAGE PLAN
Drawn By: HTH & BJM Checked By:



Job Title
SONIC DRIVE INN
6310 FOURTH STREET N.W.
ALBUQUERQUE, NEW MEXICO

SHEET NO.
GD-1



- KEYED NOTES**
- 6" HEADER CURB WITH 6" (24" O.C.) OPENING TO ALLOW FLOW
 - CONCRETE CANAL 6" WIDE
 - 6" PVC POND EQUILIBRIUM PIPE (79.5 INVERT)

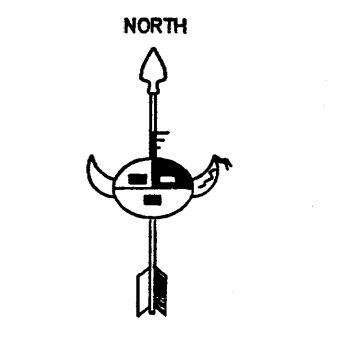
- SYMBOL LEGEND**
- EXISTING CONDITIONS**
- ASPHALT PAVING WITH CURB & GUTTER
 - UTILITY POLE WITH DOWN GUY
 - CONTOURS (ON ONE FOOT INTERVALS)
 - EXISTING SPOT ELEVATION
- PROPOSED CONDITIONS**
- DESIGN CONTOUR
 - PROPOSED SPOT ELEVATION
 - PROPERTY LINE
 - EASEMENT LINE
 - FLOW DIRECTION
 - DOWN SPOUT

- ABBREVIATION LEGEND**
- TOP OF CONC APRON - TCA
 - TOP OF CURB - TC
 - TOP OF ASPHALT - TA
 - TOP OF BERM - TB
 - BOTTOM OF POND - BP
 - FINISHED FLOOR - FF

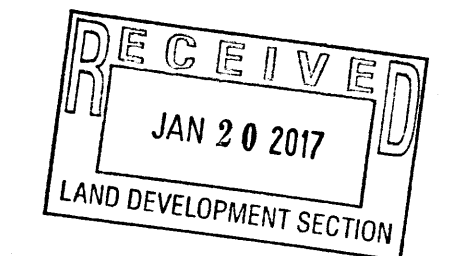
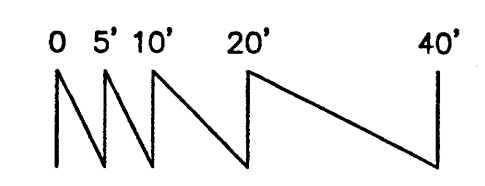
Pond 1				
contour	area	depth	volume	
sqft	ft	Cu.Ft.		
81.00	7,615			
80.00	4,965	1.00	6,290	
79.50	1,340	0.50	3,153	
	" 10,400 "			
Pond 2				
contour	area	depth	volume	
sqft	ft	Cu.Ft.		
81.00	2,599			
80.00	1,394	1.00	1,997	
79.50	444	0.50	919	
	" 2,916 "			
total pond provided			" 13,316 "	

GRADING AND DRAINAGE PLAN

SCALE 1"=20'-0"



SCALE 1"=20'-0"

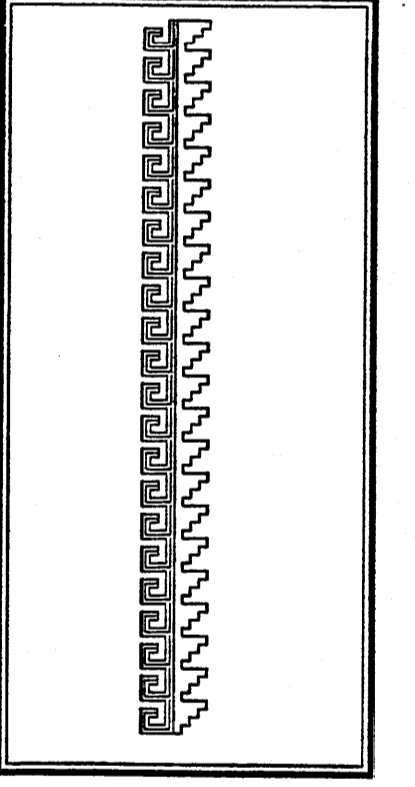


TRACT A, LANDS OF HOLLAND
(REC. 4/18/2001 PLAT BOOK 2001-C, PAGE 110)



JOB NO:	XXXXXX
DATE:	JULY 2016
REVISIONS:	

Sheet Title
GRADING & DRAINAGE PLAN
Drawn By: HTH & BJM Checked By:



Job Title
SONIC DRIVE INN
6310 FOURTH STREET N.W.
ALBUQUERQUE, NEW MEXICO

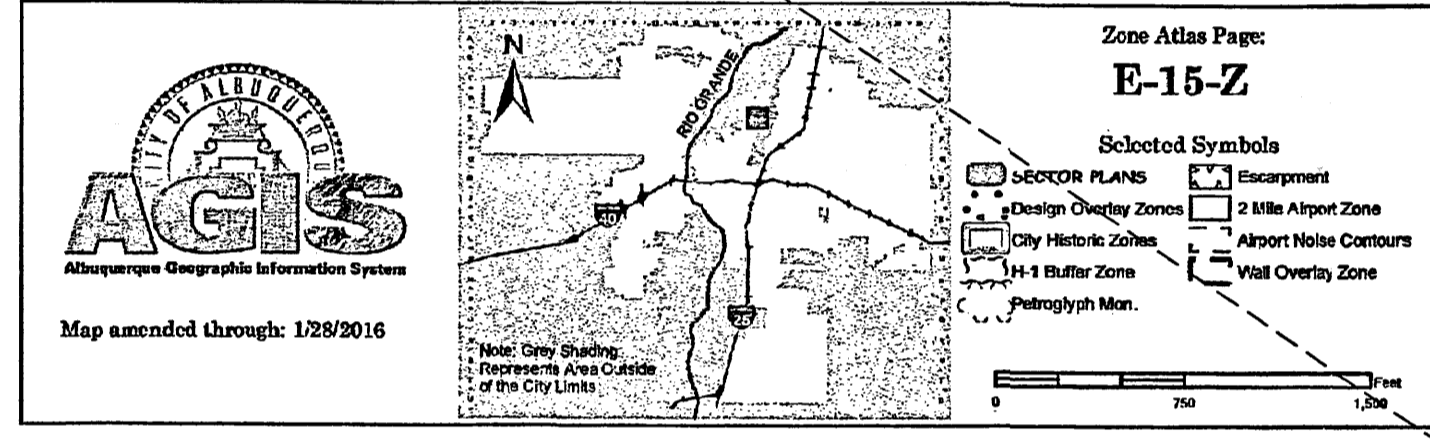
SHEET NO.
GD-2



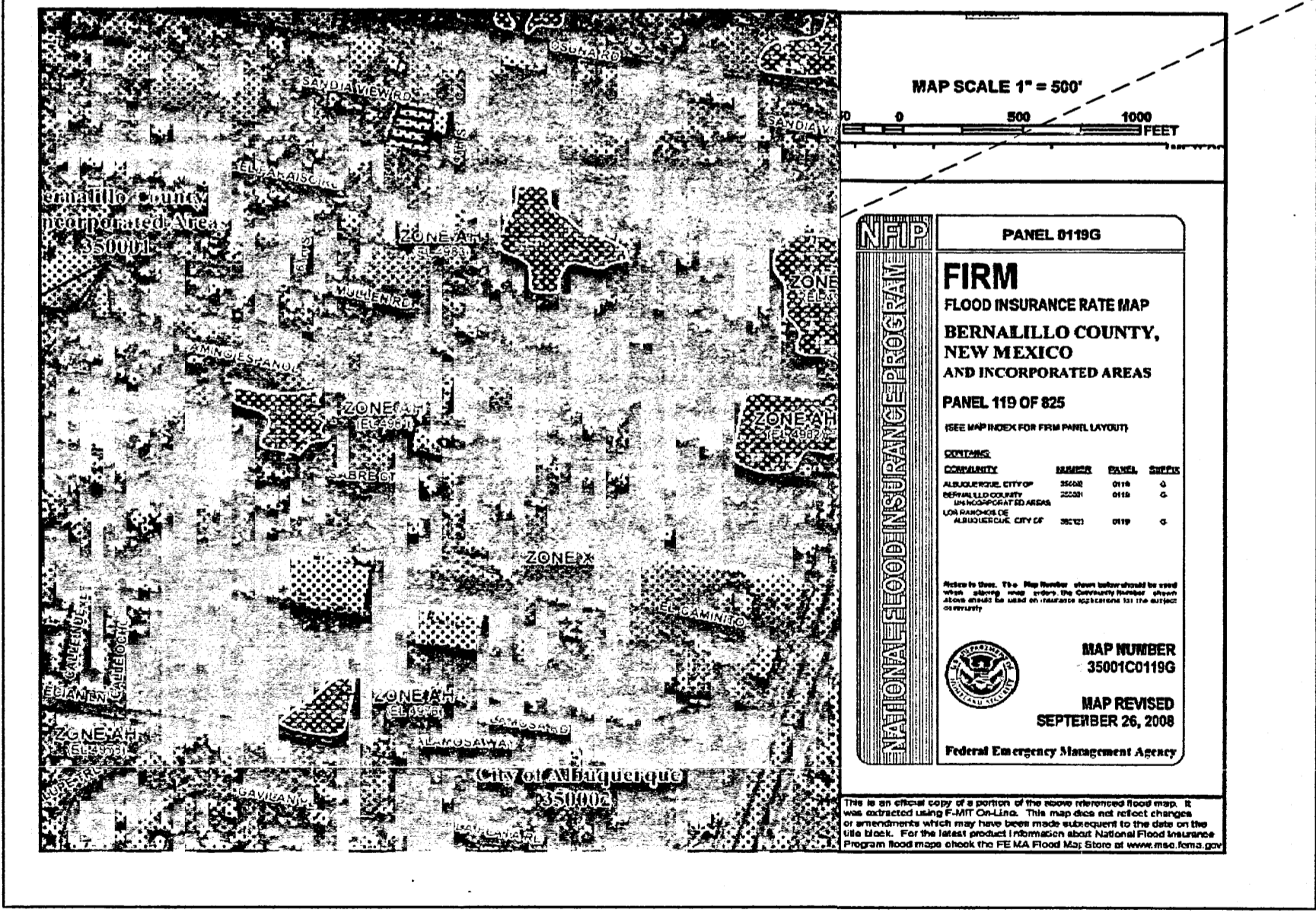
GRADING/DRAINAGE PLAN
THE FOLLOWING ITEMS CONCERNING TRACT A LAND OF RALPH & MONICA CORRIZ (6310 FOURTH STREET N.W) BERNALILLO COUNTY, ALBUQUERQUE, NEW MEXICO IS CONTAINED HEREIN:

EXISTING CONDITIONS
AS SHOWN BY THE VICINITY MAP, THE SITE CONTAINS 1.27 ACRES MORE OR LESS AND IS LOCATED ON THE EAST SIDE OF NORTH FOURTH BETWEEN ALAMOSA RD NW AND WILLOW RD NW. THE SITE IS DEVELOPED WITH AN EXISTING CAR WASH AND A CELL TOWER AND ENCLOSURE. THE SITE SLOPES BOTH WEST AND EAST. NO OFF-SITE FLOWS ENTER THE SITE FROM ANY DIRECTION. ACCORDING TO THE FLOOD INSURANCE RATE MAPS PANEL 35001 C0119G, REVISED SEPTEMBER 28, 2008, THIS SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE

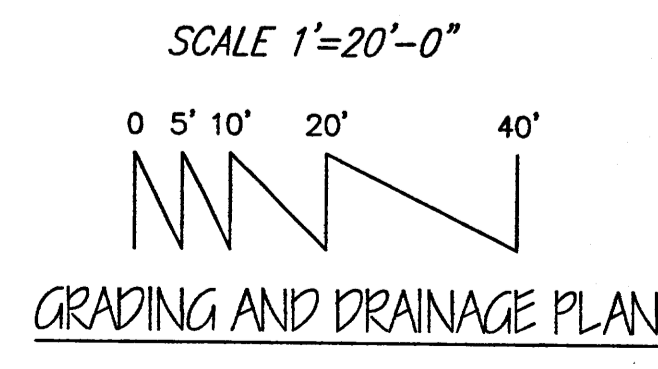
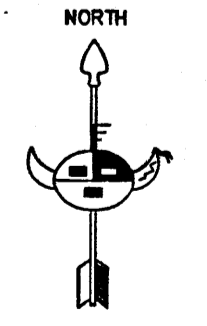
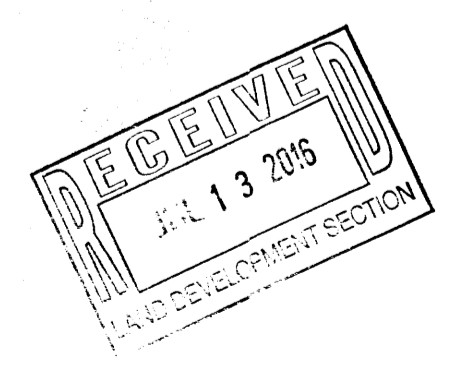
PROPOSED CONDITIONS
AS SHOWN ON THE GRADING/DRAINAGE PLAN, THE PROJECT WILL CONSIST OF A 1536 SQUARE FOOT BUILDING WITH ASPHALT AND LANDSCAPED AREAS. THE EXISTING CAR WASH WILL BE DEMOLISHED AND A NEW SONIC DRIVE IN WILL BE CONSTRUCTED. ALL THE DEVELOPED RUN-OFF WILL BE ROUTED TO THE PERIMETER LANDSCAPED AREA, 100 PERCENT RETENTION HAS BEEN ALLOWED BY THE CITY OF ALBUQUERQUE HYDROLOGY DEPARTMENT WHICH IN TURN WILL ALSO COMPENSATE FOR THE FIRST FLUSH REQUIREMENT. THE CALCULATIONS WHICH APPEAR HEREON, ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT. THE PROCEDURE 40-ACRES AND SMALLER BASINS, AS SET FORTH IN THE REVISION FOR SECTION 22.2 HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME II, DESIGN, CRITERIA DATA 1997 HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME GENERATED.



SITE LOCATION



PROJECT AREA = 0.994 ac.	PROJECT AREA = 0.277 ac.
BASIN A NORTH FOURTH SONIC PROJECT	BASIN B NORTH FOURTH SONIC PROJECT
ZONE 2	ZONE 2
PRECIPITATION: 360 = 2.35 in.	PRECIPITATION: 360 = 2.35 in.
1440 = 2.75 in.	1440 = 2.75 in.
10day = 3.95 in.	10day = 3.95 in.
EXCESS PRECIPITATION:	EXCESS PRECIPITATION:
PEAK DISCHARGE:	PEAK DISCHARGE:
TREATMENT A 0.53 in. 1.56 cfs/oc.	TREATMENT A 0.53 in. 1.56 cfs/oc.
TREATMENT B 0.78 in. 2.28 cfs/oc.	TREATMENT B 0.78 in. 2.28 cfs/oc.
TREATMENT C 1.13 in. 3.14 cfs/oc.	TREATMENT C 1.13 in. 3.14 cfs/oc.
TREATMENT D 2.12 in. 4.70 cfs/oc.	TREATMENT D 2.12 in. 4.70 cfs/oc.
EXISTING CONDITIONS:	EXISTING CONDITIONS:
AREA 0.994 ac.	AREA 0.277 ac.
TREATMENT B 0 ac.	TREATMENT B 0 ac.
TREATMENT C 0 ac.	TREATMENT C 0 ac.
TREATMENT D 0 ac.	TREATMENT D 0 ac.
0.694 ac.	0.14 ac.
EXISTING EXCESS PRECIPITATION:	EXISTING EXCESS PRECIPITATION:
Weighted E = (0.53)(0.99)(0.78)(0.00)+(1.13)(0.00)+(2.12)(0.00)/0.99 ac.	Weighted E = (0.53)(0.28)(0.78)(0.00)+(1.13)(0.00)+(2.12)(0.00)/0.28 ac.
= 0.53 in.	= 0.53 in.
V100-360 = (0.53)(0.99)/12 = 0.043902 ac-ft = 1912 CF	V100-360 = (0.53)(0.28)/12 = 0.012234 ac-ft = 533 CF
EXISTING PEAK DISCHARGE:	EXISTING PEAK DISCHARGE:
Q100 = (1.56)(0.99)+(2.28)(0.00)+(3.14)(0.00)+(4.70)(0.00) = 1.55 CFS	Q100 = (1.56)(0.28)+(2.28)(0.00)+(3.14)(0.00)+(4.70)(0.00) = 0.43 CFS
PROPOSED EXCESS PRECIPITATION:	PROPOSED EXCESS PRECIPITATION:
Weighted E = (0.53)(0.00)(0.78)(0.30)+(1.13)(0.00)+(2.12)(0.69)/0.99 ac.	Weighted E = (0.53)(0.00)(0.78)(0.14)+(1.13)(0.00)+(2.12)(0.14)/0.28 ac.
= 1.72 in.	= 1.46 in.
V100-360 = (1.72)(0.99)/12.0 = 0.142107 ac-ft = 6190 CF	V100-360 = (1.46)(0.28)/12.0 = 0.033638 ac-ft = 1465 CF
V100-1440 = (0.14)(0.69)(2.75 - 2.35)/12 = 0.165240 ac-ft = 7198 CF	V100-1440 = (0.03)(0.14)(2.75 - 2.35)/12 = 0.038305 ac-ft = 1669 CF
V100-10day = (0.14)(0.69)(3.95 - 2.35)/12 = 0.234640 ac-ft = 10221 CF	V100-10day = (0.03)(0.14)(3.95 - 2.35)/12 = 0.052305 ac-ft = 2278 CF
PROPOSED PEAK DISCHARGE:	PROPOSED PEAK DISCHARGE:
Q100 = (1.56)(0.00)+(2.28)(0.30)+(3.14)(0.00)+(4.70)(0.69) = 3.95 CFS	Q100 = (1.56)(0.00)+(2.28)(0.14)+(3.14)(0.00)+(4.70)(0.14) = 0.97 CFS
VOLUME REQUIRED 10,221.0 CF VOLUME PROVIDE 10,400 CF	VOLUME REQUIRED 2,278.0 CF VOLUME PROVIDE 2,300 CF
FIRST FLUSH 0.34 X 0.694 X 43,560 / 12 = 856.53 CF	FIRST FLUSH 0.34 X 0.14 X 43,560 / 12 = 172.79 CF





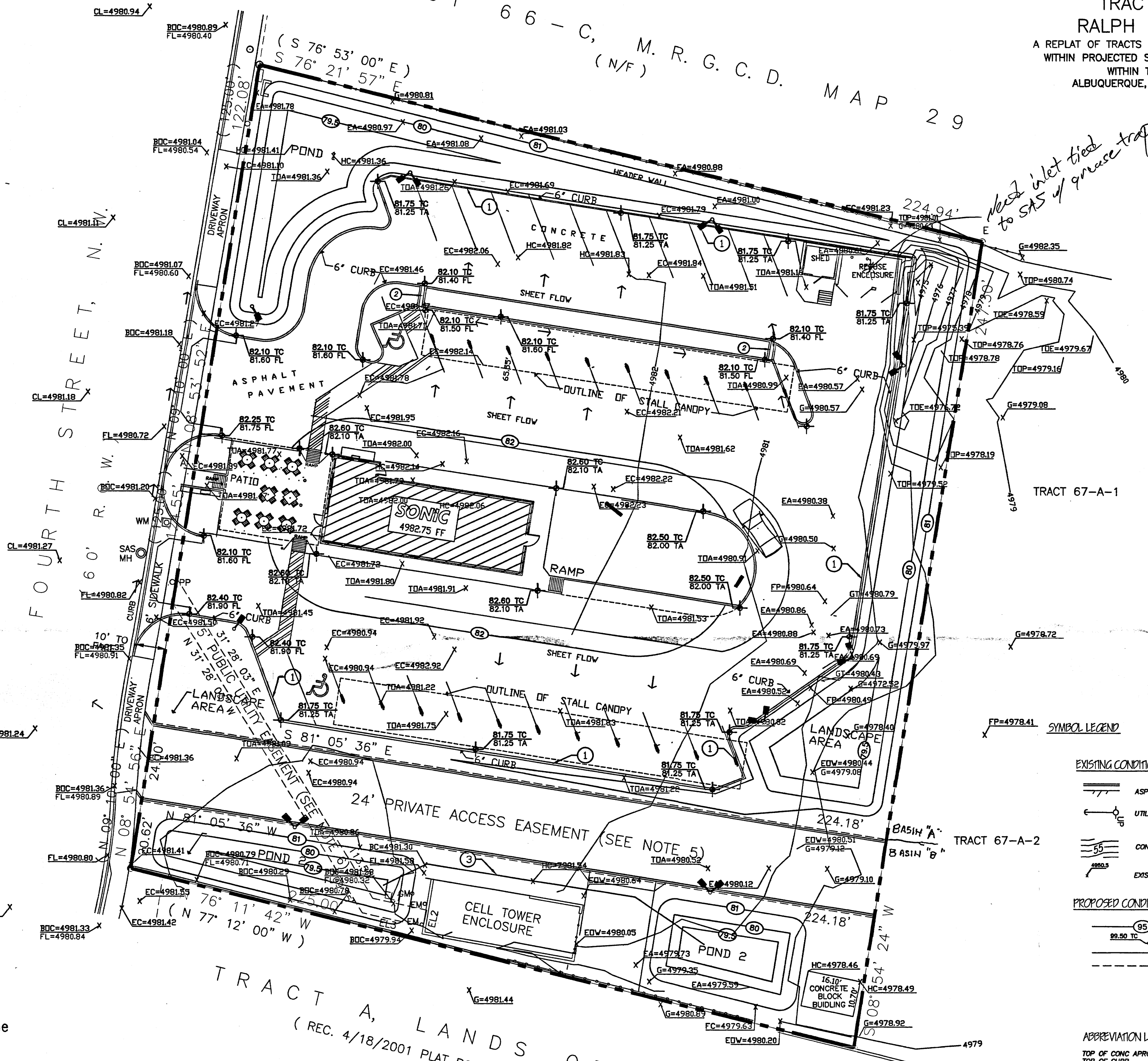
LEGAL DESCRIPTION

TRACTS A, LANDS OF RALPH & MONICA CORRIZ
A REPLAT OF TRACTS 67-A-1 AND 67-A-2, M.R.G.C.D. MAP 29
WITHIN PROJECTED SECTION 28, T. 11 N., R. 3 E., N.M.P.M.
WITHIN THE ELENA GALLEGOS GRANT
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
AUGUST 2015

Job No: XXXXXX
Date: JULY 2016
Revisions

TRACT 66-C, M.R.G.C.D. MAP 29
(S 76° 53' 00" E)
(S 76° 21' 57" E)
(N/F)

TRACT A
(1.2709 ac.)



Handwritten note: Need inlet tied to SAS of grease trap

KEYED NOTES

- 1 6" HEADER CURB WITH 6" (24" O.C.) JOINTING TO ALLOW FLOW
- 2 CONCRETE CANAL 6" WIDE
- 3 6" PVC POND EQUILIBRIUM PIPE (79.5 INVERT)

SYMBOL LEGEND

- EXISTING CONDITIONS
- ASPHALT PAVING WITH CURB & GUTTER
 - UTILITY POLE WITH DOWN GUY
 - CONTOURS (ON ONE FOOT INTERVALS)
 - EXISTING SPOT ELEVATION
- PROPOSED CONDITIONS
- DESIGN CONTOUR
 - PROPOSED SPOT ELEVATION
 - PROPERTY LINE
 - EASEMENT LINE
 - FLOW DIRECTION
 - DOWN SPOUT

- ABBREVIATION LEGEND
- TOP OF CONC APRON - TCA
 - TOP OF CURB - TC
 - TOP OF ASPHALT - TA
 - TOP OF BERM - TB
 - BOTTOM OF POND - BP
 - FINISHED FLOOR - FF

Pond 1

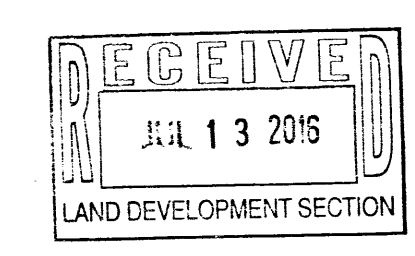
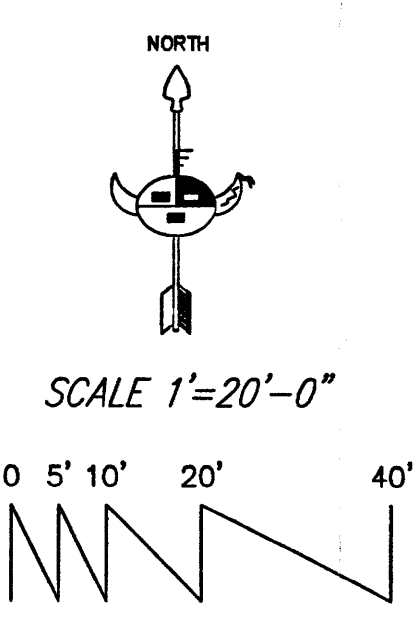
contour	area sqft	depth ft	volume Cu.Ft.
81.00	7,615		
80.00	4,965	1.00	6,290
79.50	1,340	0.50	3,153
	10,400		

Pond 2

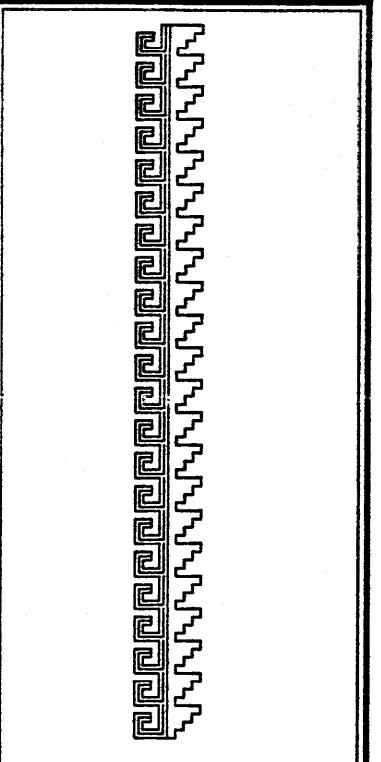
contour	area sqft	depth ft	volume Cu.Ft.
81.00	2,599		
80.00	1,394	1.00	1,997
79.50	444	0.50	919
	2,916		

total pond provided " 13,316 "

TRACT A, LANDS OF HOLLAND
(REC. 4/18/2001 PLAT BOOK 2001-C, PAGE 110)
GRADING AND DRAINAGE PLAN
SCALE 1"=20'-0"



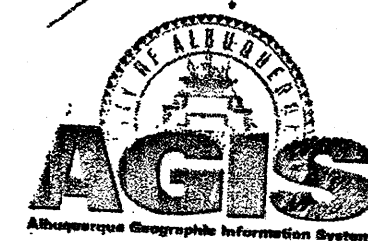
Sheet Title
GRADING & DRAINAGE PLAN
Drawn By: HTH & BJM
Checked By:



Job Title
SONIC DRIVE INN
6310 FOURTH STREET N.W.
ALBUQUERQUE, NEW MEXICO

SHEET NO.
AD-1

SONIC



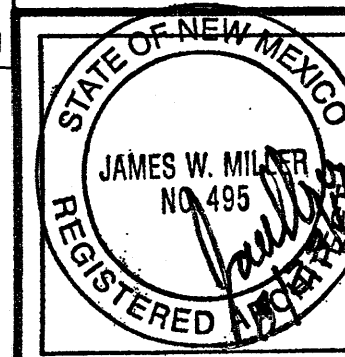
Zone Atlas Page:
E-15-Z

Selected Symbols:
 - SECTOR PLANS
 - Design Overlay Zones
 - City Historic Zones
 - 1/4 Mile Buffer Zone
 - 2 Mile Airport Zone
 - Airport Noise Contours
 - 1/2 Mile Overlay Zone
 - Wetland Mon.

RECEIVED
 JAN 31 2017
 LAND DEVELOPMENT SECTION

DESIGN DATA:

CONSTRUCTION GROUP	'B'
CONSTRUCTION TYPE	VB
SOIL BEARING	1,500 PSF
WIND PRESSURE	90 MPH
CONCRETE STRENGTH:	
STRUCTURAL	3,000 PSI
FLATWORK	2,500 PSI
ROOF LIVE LOAD	20 PSF
SEISMIC USE GP	1
LAND USE ZONING	COMMERCIAL
FLOOR AREA:	
BLD'G	= 1,536 S.F.
CANOPIES	3,304 S.F.
PORTAL	840 S.F.
OCCUPANT LOAD	= 1600 / 200 = 8 PERSONS



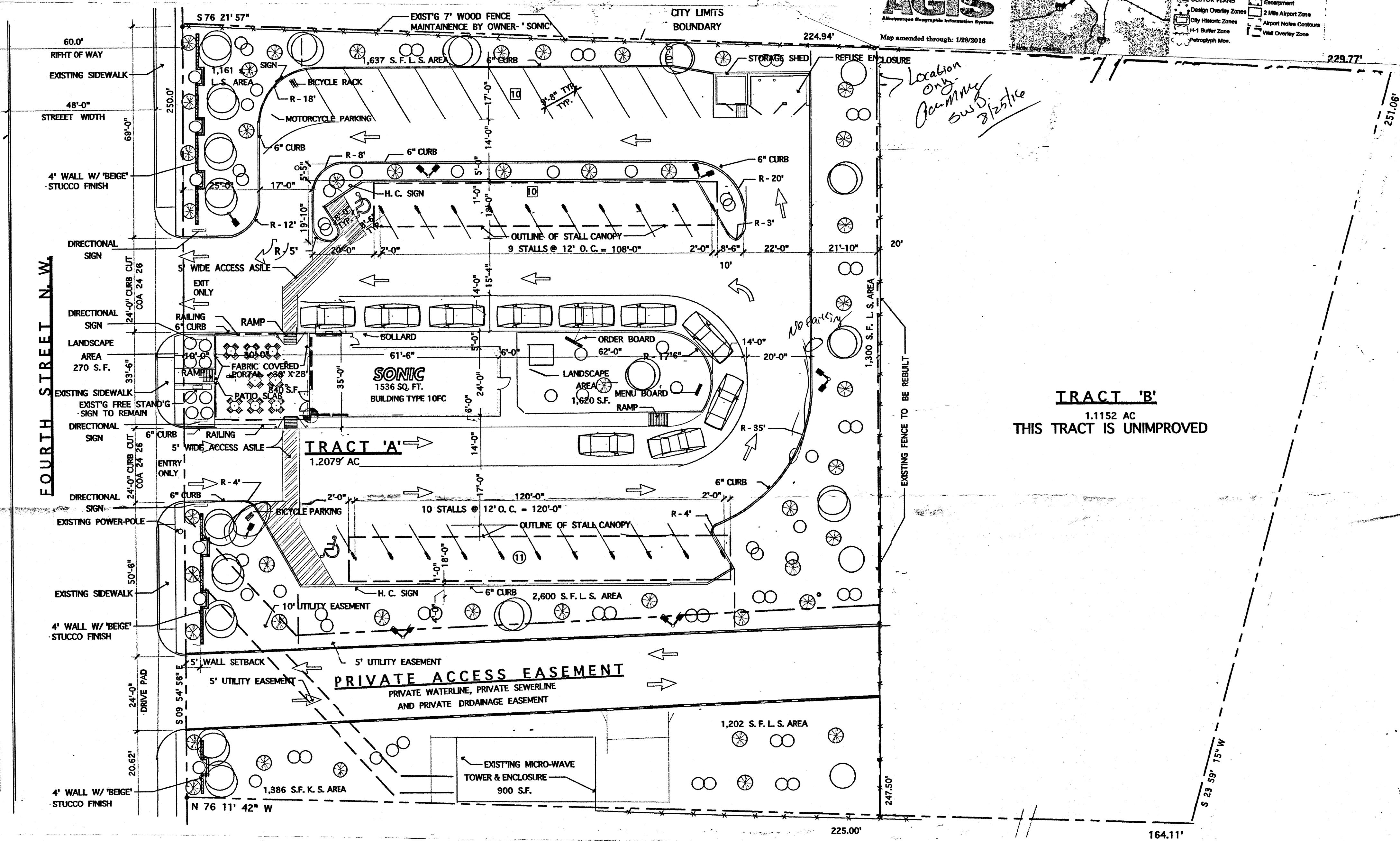
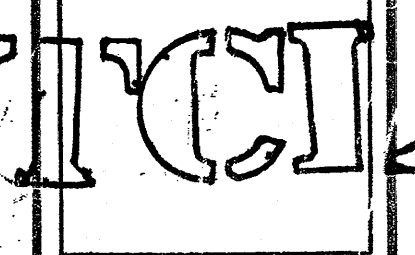
JOB NO: 671
 DATE:
 REVISION:
 DRAWN BY:
 CHECKED BY: J.W.M.

SHEET TITLE
 SITE PLAN, DESIGN DATA
 AND NOTES

PLANNERS
 MILLER
 AND
 ASSOCIATES
 5220 SECOND STREET N.W.
 ALBUQUERQUE, NEW MEXICO
 PHONE: (505) 445-1312

ARCHITECT
 SONIC
 6310 FOURTH STREET N.W.
 ALBUQUERQUE, NEW MEXICO

JOB TITLE

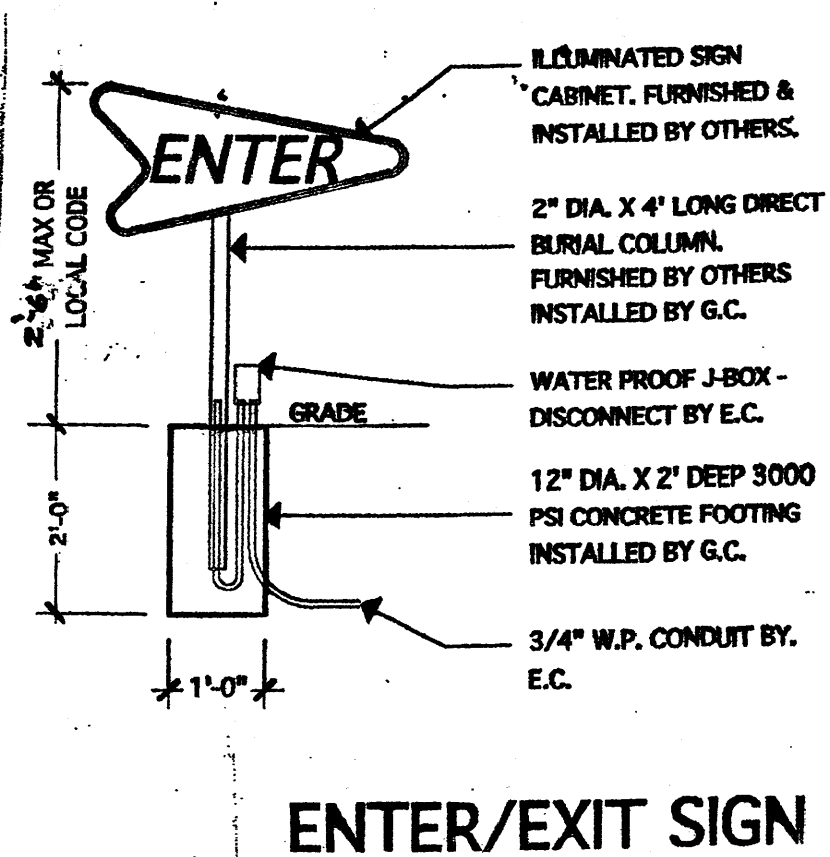
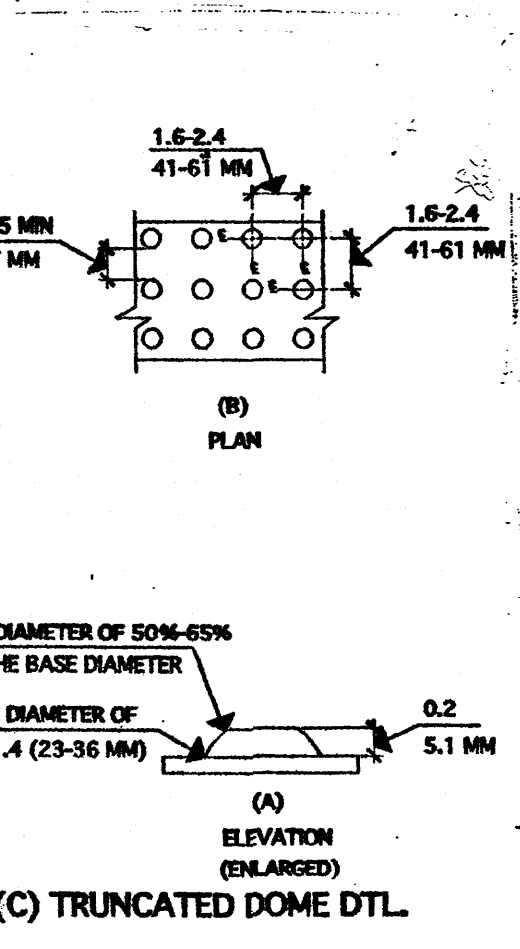
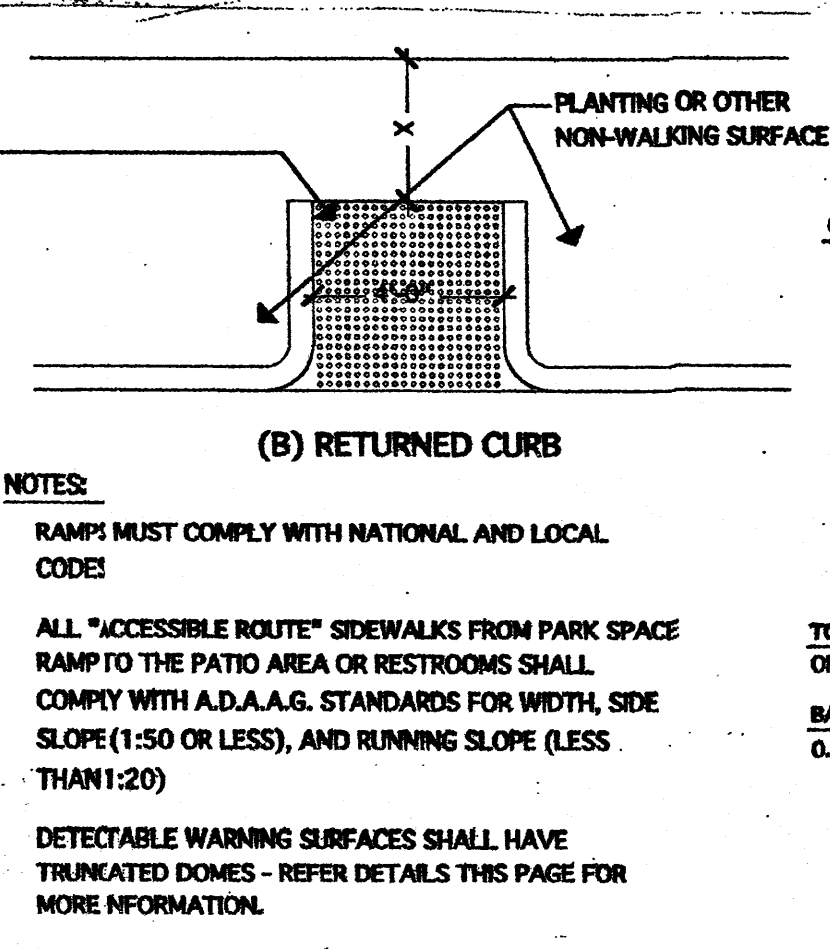
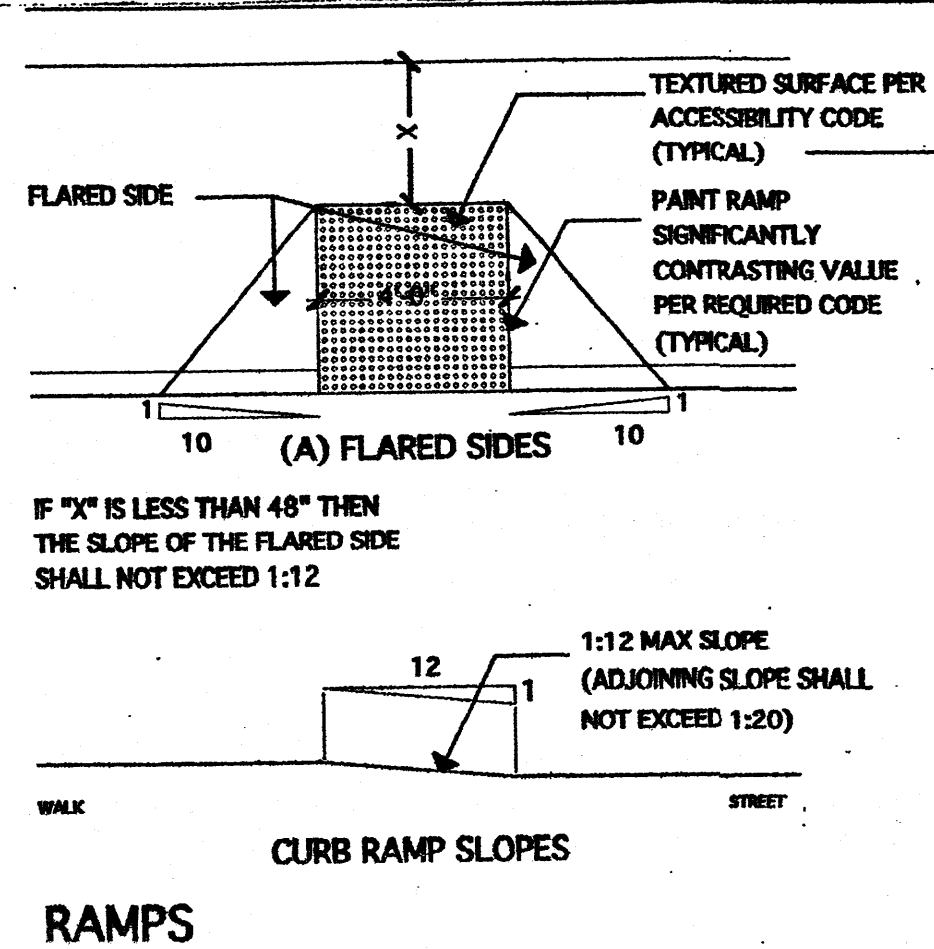


Location on zoning map

EXISTING FENCE TO BE REBUILT

TRACT 'B'
 1.1152 AC
 THIS TRACT IS UNIMPROVED

SITE PLAN 1" = 20'



NOTES-TRAFFIC ENGINEER

H.C. SIGN TO READ AS PER NMSA 1979 66-7-352.4C
 ADA ACCES ASILE TO HAVE PAINTED SIGN "NO PARKING" AS PER NMSA 1978 66-1-4.1.b

LANDSCAPING & SIGNAGE WILL NOT INTERFERE WITH CLER SIGHT REQUIREMENTS. ALL SIGNS, TREES, & SHRUBERY BETWEEN 3' & 8' TALL (AS MEASURED FROM THE GUTTER PAN) WILL NOT BE ALLOWED INTJIS AREA

ALL IMPROVEMENTS LOCATED IN THE RIGHT OF WAY MUST BE INCLUDED ON THE WORK OFDER. THE IMPROVEMENTS SHALL REFER TO APPROPRIATE CITY STANDARD DRAWING

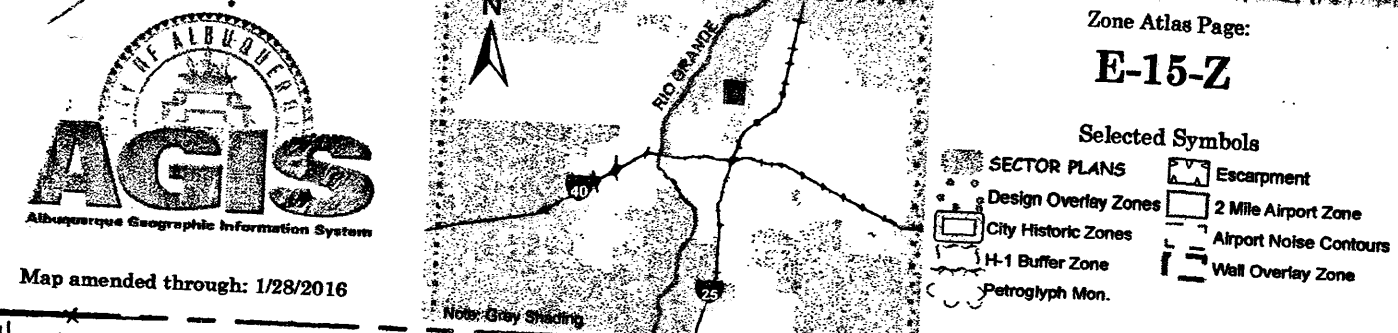
ALL BROKEN OR CRACKED SIDEWALK MUST BE REPLACED WITH SIDEWALK AND CRUB & GUTTER

LEGAL DESCRIPTION

TRACT 'A' & 'B'. LANDS OF RALPH & MONICA

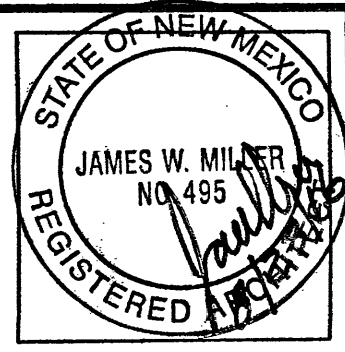
RECEIVED
JAN 20 2017
LAND DEVELOPMENT SECTION

SONIC



DESIGN DATA:

CONSTRUCTION GROUP	'B'
CONSTRUCTION TYPE	V B
SOIL BEARING	1,500 PSF
WIND PRESSURE	90 MPH
CONCRETE STRENGTH:	
STRUCTURAL	3,000 PSI
FLATWORK	2,500 PSI
ROOF LIVE LOAD	20 PSF
SEISMIC USE GP	1
LAND USE ZONING	COMMERCIAL
FLOOR AREA:	
BLD'G (ONE STORY)	= 1,536 S.F.
CANOPIES	3,304 S.F.
PORTAL	840 S.F.
OCCUPANT LOAD	= 1600 / 200 = 8 PERSONS

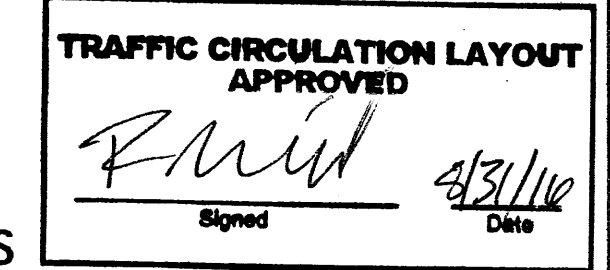


JOB NO: 8911
DATE: JANUARY 1998
REVISION: MAY 22, 1998
DRAWN BY: S.H.L.
CHECKED BY: J.W.M.

SITE PLAN, DESIGN DATA AND NOTES

PARKING:

REQUIRED SPACES
SEATING - PATIO 8 TABLES
1 SPACE / 4 SEAT TABLE = 8 SPACES
REQUIRED PARKING SPACES = 8 SPACES



PROVIDED SPACES

TOTAL PROVIDED = 31
ALL WHEELCHAIR RAMPS LOCATED WITHIN THE PUBLIC RIGHT OF WAY MUST HAVE TRUNCATED DOMES.

BICYCLE PARKING:

1 SPACE REQ'D FOR EA 20 PARKING SPACES
NOT LESS THAN 2 SPACES REQUIRED
31 SPACES / 20 = 1.5, MIN. REQUIRED IS 2

MOTORCYCLE PARKING

CONC. PAD 12' X 8'
31 PARKING SPACES, MIN. 2
MOTORCYCLE SPACES REQUIRED

NOTES-TRAFFIC ENGINEER

- H.C. SIGN TO READ AS PER NMSA 1979 66-7-352.4C
- ADA ACCESS ASILE TO HAVE PAINTED SIGN "NO PARKING" AS PER NMSA 1978 66-1-4.1.b
- LANDSCAPING & SIGNAGE WILL NOT INTERFERE WITH CLER SIGHT REQUIREMENTS. ALL SIGNS, TREES, & SHRUBERY BETWEEN 3' & 8' TALL (AS MEASURED FROM THE GUTTER PAN) WILL NOT BE ALLOWED INTJIS AREA

ALL IMPROVEMENTS LOCATED IN THE RIGHT OF WAY MUST BE INCLUDED ON THE WORK ORDER. THE IMPROVEMENTS SHALL REFER TO APPROPRIATE CITY STANDARD DRAWING

ALL BROKEN OR CRACKED SIDEWALK MUST BE REPLACED WITH SIDEWALK AND CRUB & GUTTER

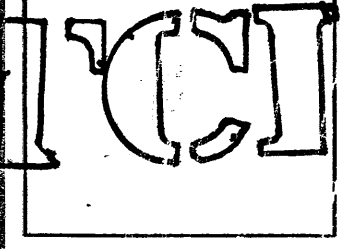
LEGAL DESCRIPTION

TRACT 'A' & 'B'. LANDS OF RALPH & MONICA

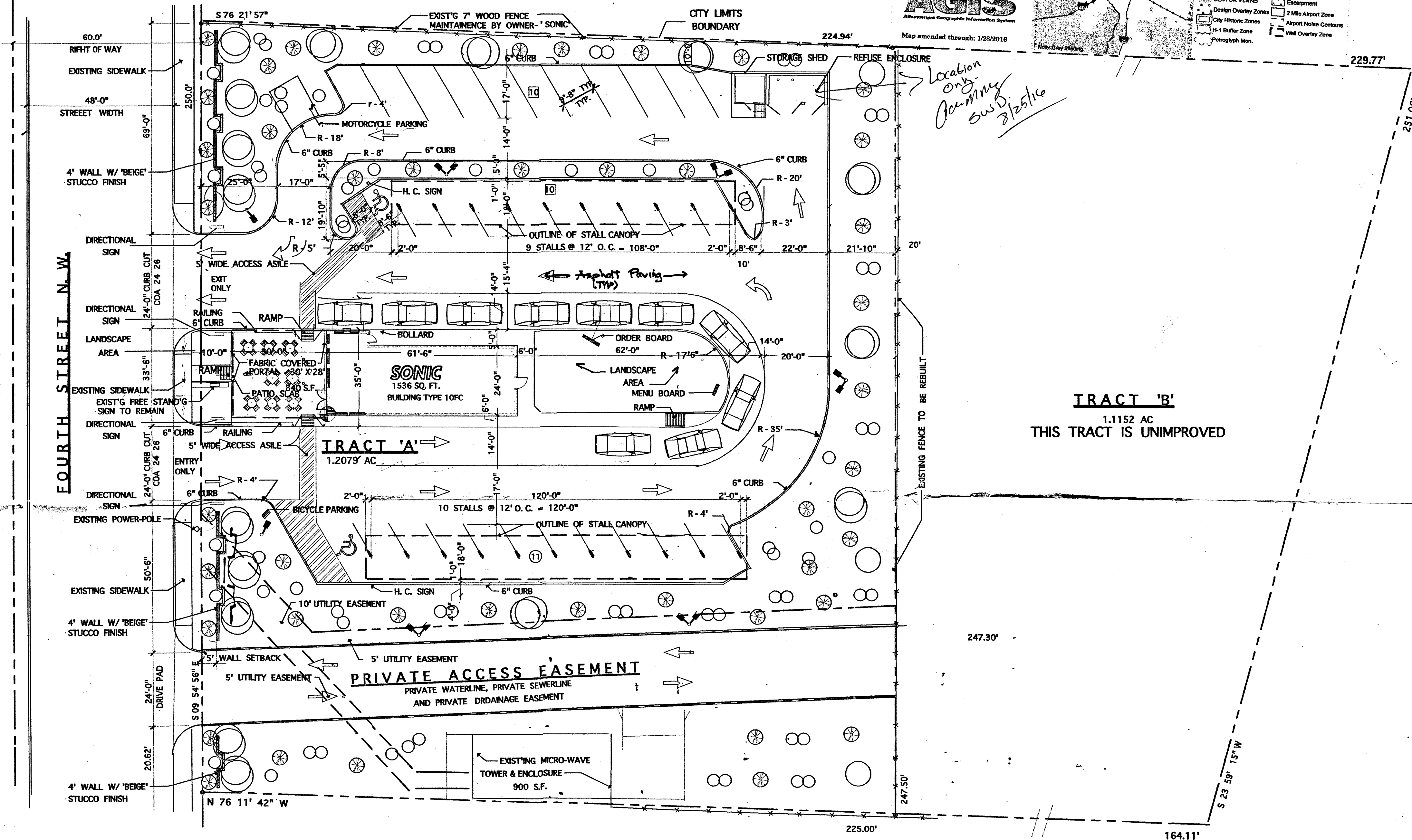
MILLER AND ASSOCIATES
PLANNERS
5620 SECOND STREET N.W.
ALBUQUERQUE, NEW MEXICO 87117
PHONE 505 345-1312

SONIC
6310 FOURTH STREET N.W.
ALBUQUERQUE, NEW MEXICO

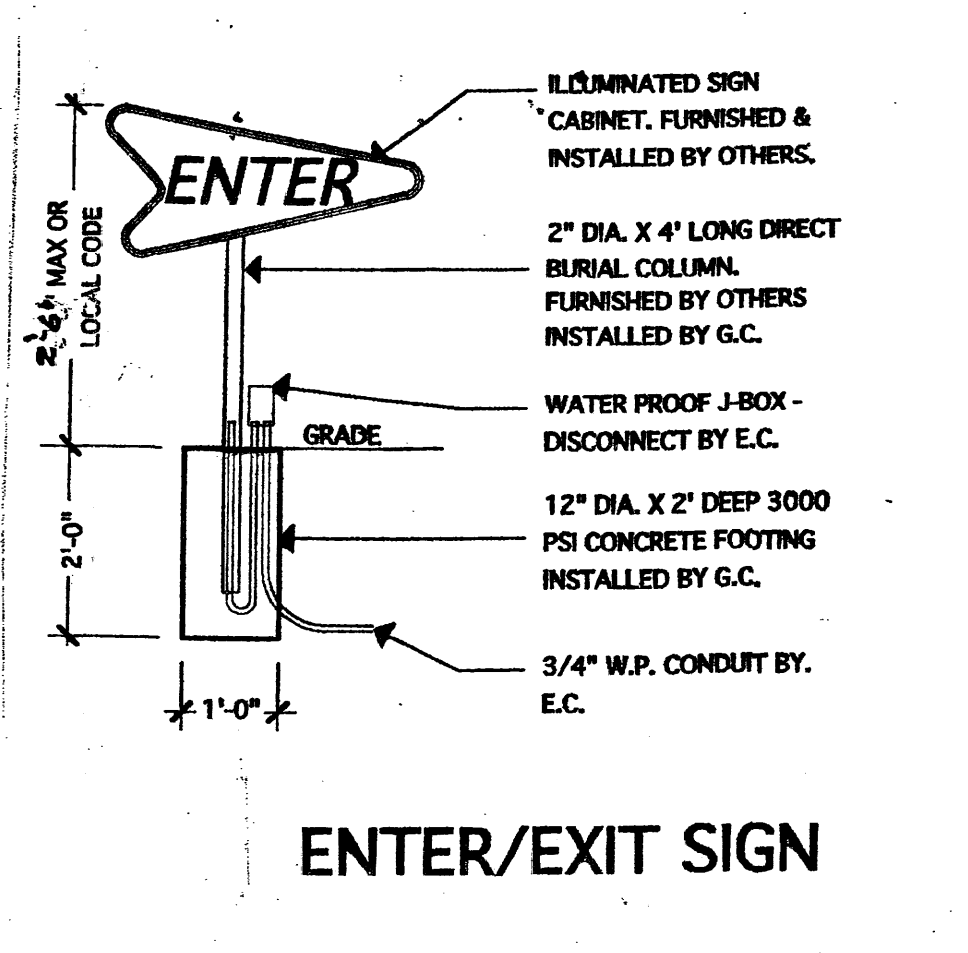
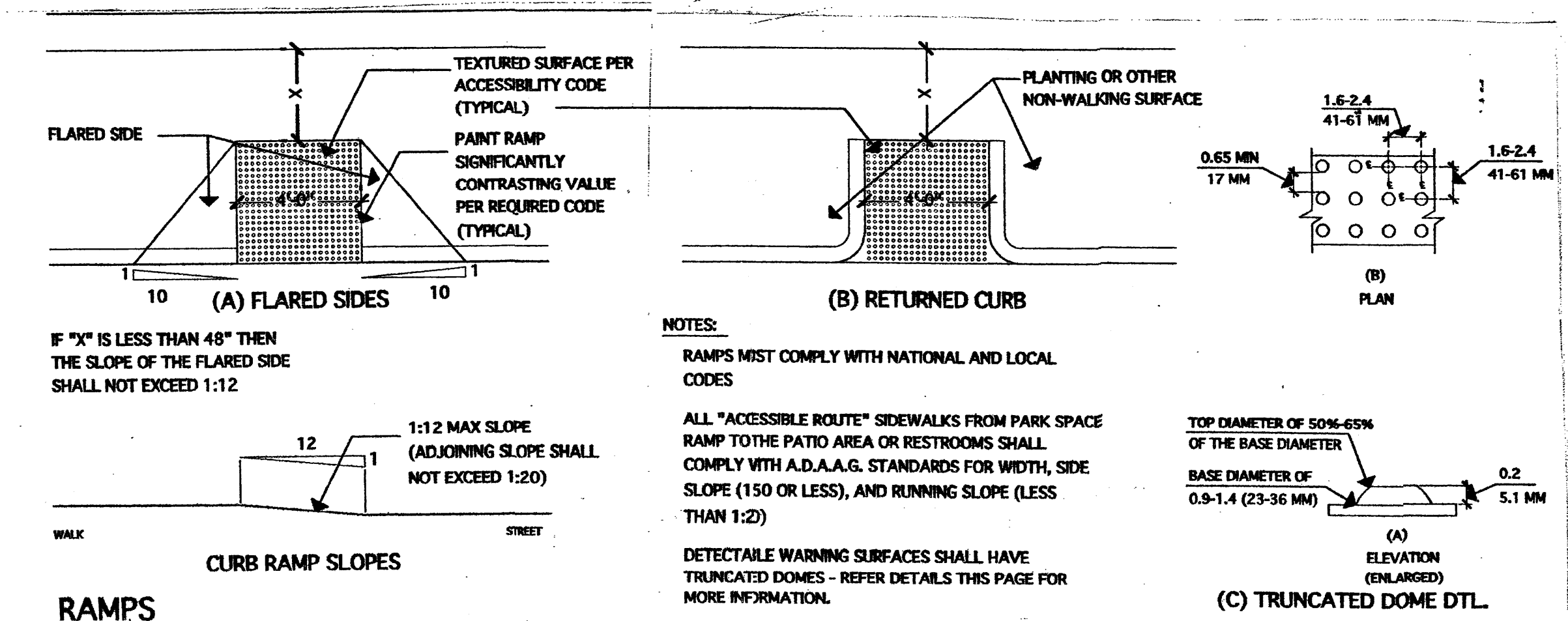
JOB TITLE



RECEIVED
AUG 25 2016
LAND DEVELOPMENT SECTION



SITE PLAN 1" = 20'



ENTER/EXIT SIGN

